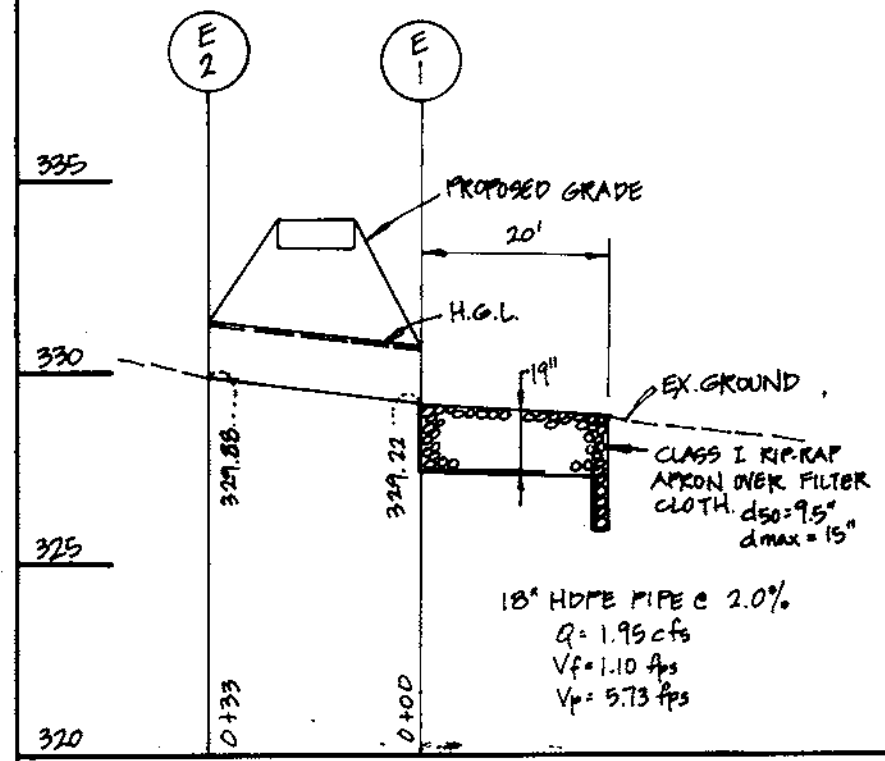


LOT INFORMATION			
LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. PROPERTY LINE (S.F.C.)
6	2820 DEERFIELD DRIVE	429.3'	424.20'
7	2864 DEERFIELD DRIVE	430.0'	425.07'
8	2808 DEERFIELD DRIVE	431.3'	426.17'
9	2872 DEERFIELD DRIVE	432.7'	427.65'
10	2876 DEERFIELD DRIVE	431.1'	427.06'
11	2801 DEERFIELD DRIVE	430.7'	426.95'
12	2866 DEERFIELD DRIVE	431.2'	426.02'
13	2861 DEERFIELD DRIVE	430.5'	425.31'
14	2801 DEERFIELD DRIVE	429.1'	424.13'

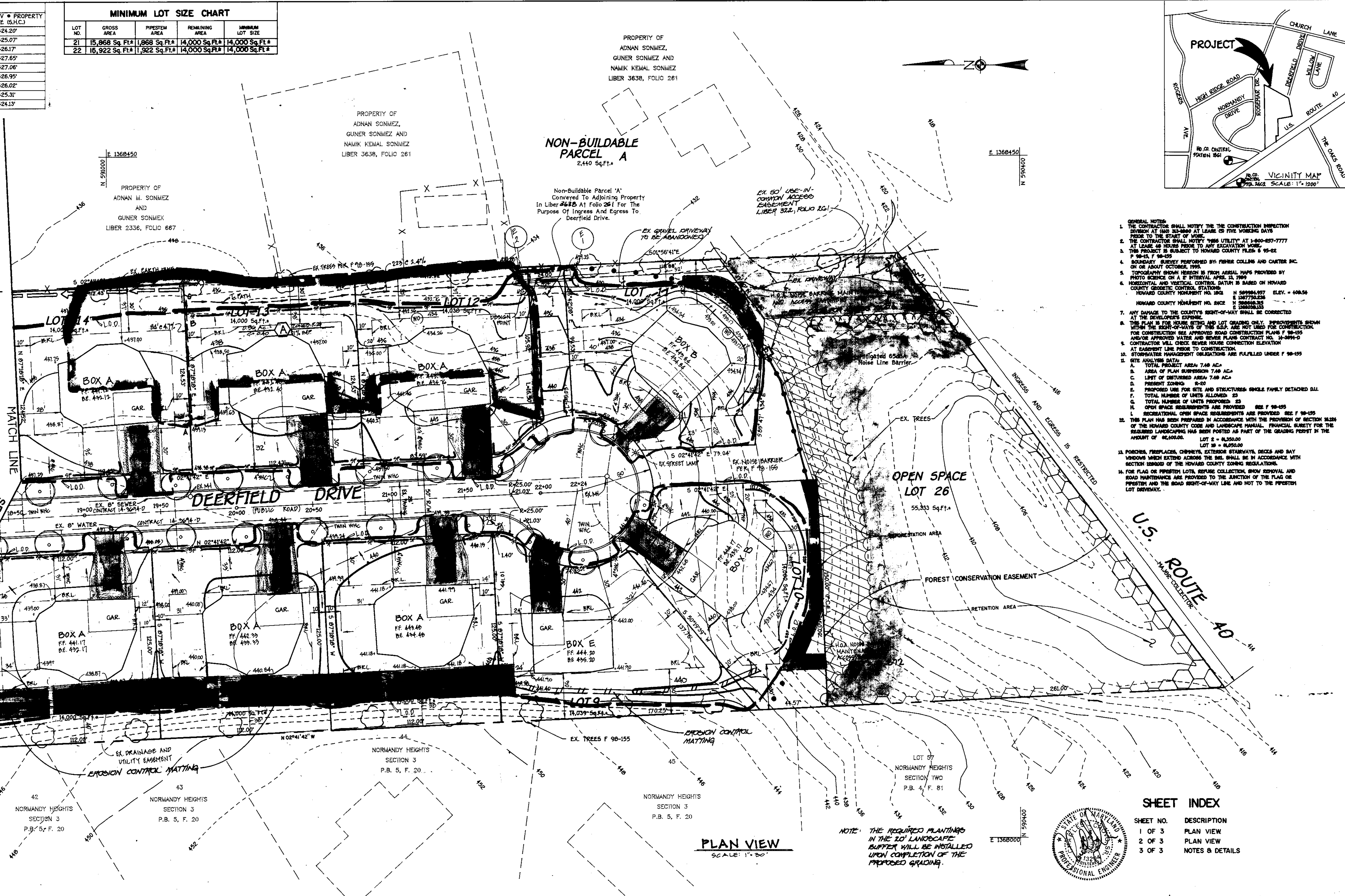
MINIMUM LOT SIZE CHART				
LOT NO.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	MINIMUM LOT SIZE
21	15,868 Sq. Ft.	1,868 Sq. Ft.	14,000 Sq. Ft.	14,000 Sq. Ft.
22	15,922 Sq. Ft.	1,922 Sq. Ft.	14,000 Sq. Ft.	14,000 Sq. Ft.



PROFILE  
SCALE: 1" = 30' HORIZ.  
1" = 5' VERT.

REVISIONS	
1	2-24-99 REV. BOX FOOTPRINT ALL LOTS

LEGEND	
Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
•	Spot Elevation
SF	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
⊙	Proposed Walkout
⊕	Earth Dike
X-X	Tree Protection
---	Existing Tree Line
L.O.D.	Limit Of Disturbance
(T)	Existing Street Tree



- GENERAL NOTES:**
- THE CONTRACTOR SHALL NOTIFY THE THE CONSTRUCTION INSPECTION DIVISION AT (410) 323-8800 AT LEAST 48 HOURS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY THE UTILITY AT 1-800-857-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  - THIS PROJECT IS SUBJECT TO HOWARD COUNTY PLANS F 98-02 P 98-15, F 98-155.
  - BOUNDARY SURVEY PERFORMED BY FISHER COLLINS AND CARTER, INC. ON OR ABOUT OCTOBER, 1995.
  - TOPOGRAPHY SHOWN HEREON IS FROM AERIAL MAPS PROVIDED BY PHOTO SCIENCE ON A 5' INTERVAL APRIL 15, 1989.
  - HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS.
  - HOWARD COUNTY INSTRUMENT NO. 3162 E 1367752.236 N 280044.235 E 1367353.333 N 280038.333 E 1367353.333
  - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  - THIS PLAN IS FOR HOUSE SETBACK AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHT-OF-WAY OF THE ROAD ARE NOT LIED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS F 98-135 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-889-D. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  - STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F 98-135.
  - SITE ANALYSIS DATA:
    - A. TOTAL PROJECT AREA 7.48 A.C.A.
    - B. AREA OF PLAN SUBMISSION 7.48 A.C.A.
    - C. LEFT OF DISTURBED AREA 7.48 A.C.A.
    - D. PRESENT ZONING R-20
    - E. PROPOSED USE FOR SITE AND STRUCTURES SINGLE FAMILY DETACHED D.U.
    - F. TOTAL NUMBER OF UNITS ALLOWED 23
    - G. TOTAL NUMBER OF UNITS PROPOSED 23
    - H. OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F 98-135
    - I. RECREATIONAL OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F 98-135
  - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.02 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$60,000. LOT 2 = \$4,500.00 LOT 18 = \$4,500.00
  - PORCHES, FIREPLACES, CHIMNEYS, EXTERIOR STAIRWAYS, DECKS AND BAY WINDOWS WHICH EXTEND ACROSS THE B.E.L. SHALL BE IN ACCORDANCE WITH SECTION 16.02 OF THE HOWARD COUNTY ZONING REGULATIONS.
  - FOR FLAG OR PEBBLES LOTS, SEWER COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PEBBLES AND THE ROAD RIGHT-OF-WAY LINE AND NOT TO THE PROPERTY LOT BOUNDARY.

SHEET INDEX	
SHEET NO.	DESCRIPTION
1 OF 3	PLAN VIEW
2 OF 3	PLAN VIEW
3 OF 3	NOTES & DETAILS

**FISHER COLLINS & CARTER, INC.**  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10722 BALTIMORE NATIONAL FREE  
ELICOTT CITY, MARYLAND 21114  
410-323-8800

**DEVELOPER'S / BUILDER'S CERTIFICATE**  
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.02 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

*John K. Kofel*  
DATE: 12-7-98

**ENGINEER'S CERTIFICATE**  
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.

*John K. Kofel*  
Signature of Engineer (Print name below signature) Date: 12/7/98

**DEVELOPER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan, and that any 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.

*John K. Kofel*  
Signature of Developer (Print name below signature) Date: 12-7-98

Review for HOWARD SCD and meets Technical Requirements.  
*Clayton Simmons* 12/15/98  
U.S.D.A.-NAT. Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*John R. Robertson* 12/15/98  
Howard SCD

**OWNER AND DEVELOPER**  
DORSET FAMILY HOMES  
9920 COTTRESDEN DRIVE  
ELICOTT CITY, MARYLAND 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*Paul R. Riddle* 12/22/98  
Director, Department of Planning and Zoning

*Carol Hamilton* 12/22/98  
Chief, Division of Land Development

*John J. Williams* 12/17/98  
Chief, Development Engineering Division

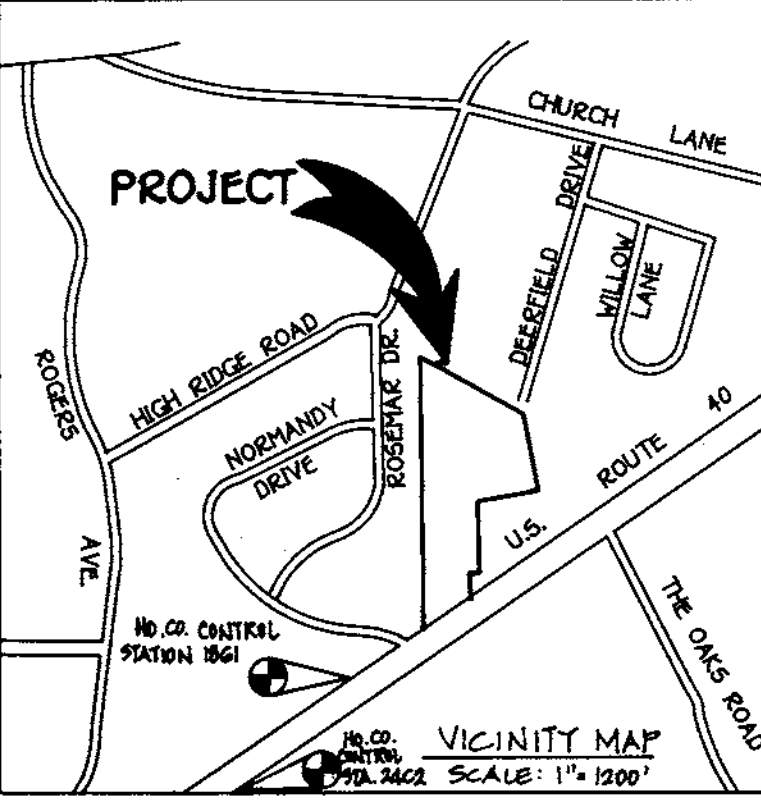
SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 & PARCEL 'A'
PLAT NO.	BLOCK NO.	ZONE
13314-13314	19	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
	SECOND	6026
WATER CODE	SEWER CODE	
HOI	1451500	

**SITE DEVELOPMENT PLAN**  
**PLAN VIEW**

**SPRING RIDGE**  
**LOTS 1-23 & NON-BUILDABLE PARCEL 'A'**

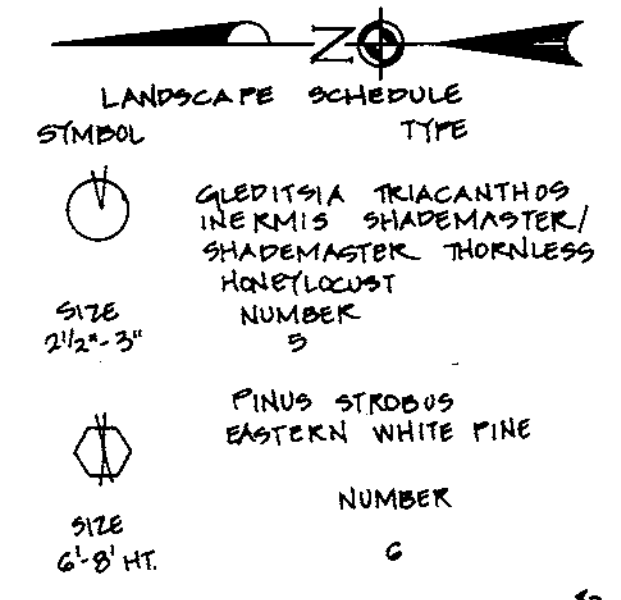
TAX MAP NO: 18 PARCEL: 76 AND P/O 56  
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: SEPTEMBER, 1998

SHEET 1 OF 3



LOT INFORMATION			
LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. PROPERTY LINE (S.H.C.)
1	8911 SPRINGWAY ROAD	424.0'	419.79'
2	8901 SPRINGWAY ROAD	421.6'	416.41'
3	1048 DEERFIELD DRIVE	425.1'	419.64'
4	1051 DEERFIELD DRIVE	427.0'	421.76'
5	1056 DEERFIELD DRIVE	428.5'	423.31'
15	1063 DEERFIELD DRIVE	428.4'	423.31'
16	1047 DEERFIELD DRIVE	423.6'	418.43'
17	1036 DEERFIELD DRIVE	408.0'	402.75'
18	1040 DEERFIELD DRIVE	413.5'	408.94'
19	8944 SPRINGWAY ROAD	424.1'	418.96'
20	8908 SPRINGWAY ROAD	424.4'	419.40'
21	8912 SPRINGWAY ROAD	428.4'	420.07'
22	8916 SPRINGWAY ROAD	428.8'	420.28'
23	8920 SPRINGWAY ROAD	432.0'	426.76'

SCHEDULE A - PERIMETER LANDSCAPE EDGE CATEGORY		ADJACENT TO ROADWAYS	
LANDSCAPE TYPE	LINEAR FEET ROADWAY	LANDSCAPE TYPE	LINEAR FEET ROADWAY
NUMBER PLANTS REQUIRED	219.81	QUERCUS TRIACANTHOS / INEKMIS SHADENMASTER / SHADENMASTER THORNLESS HONEYLOCUST	
SHADE TREES	5	MINUS STROBUS / EASTERN WHITE PINE	
EVERGREEN TREES	5	NUMBER	
NUMBER PLANTS PROVIDED	5		
SHADE TREES	5		
EVERGREEN TREES	5		

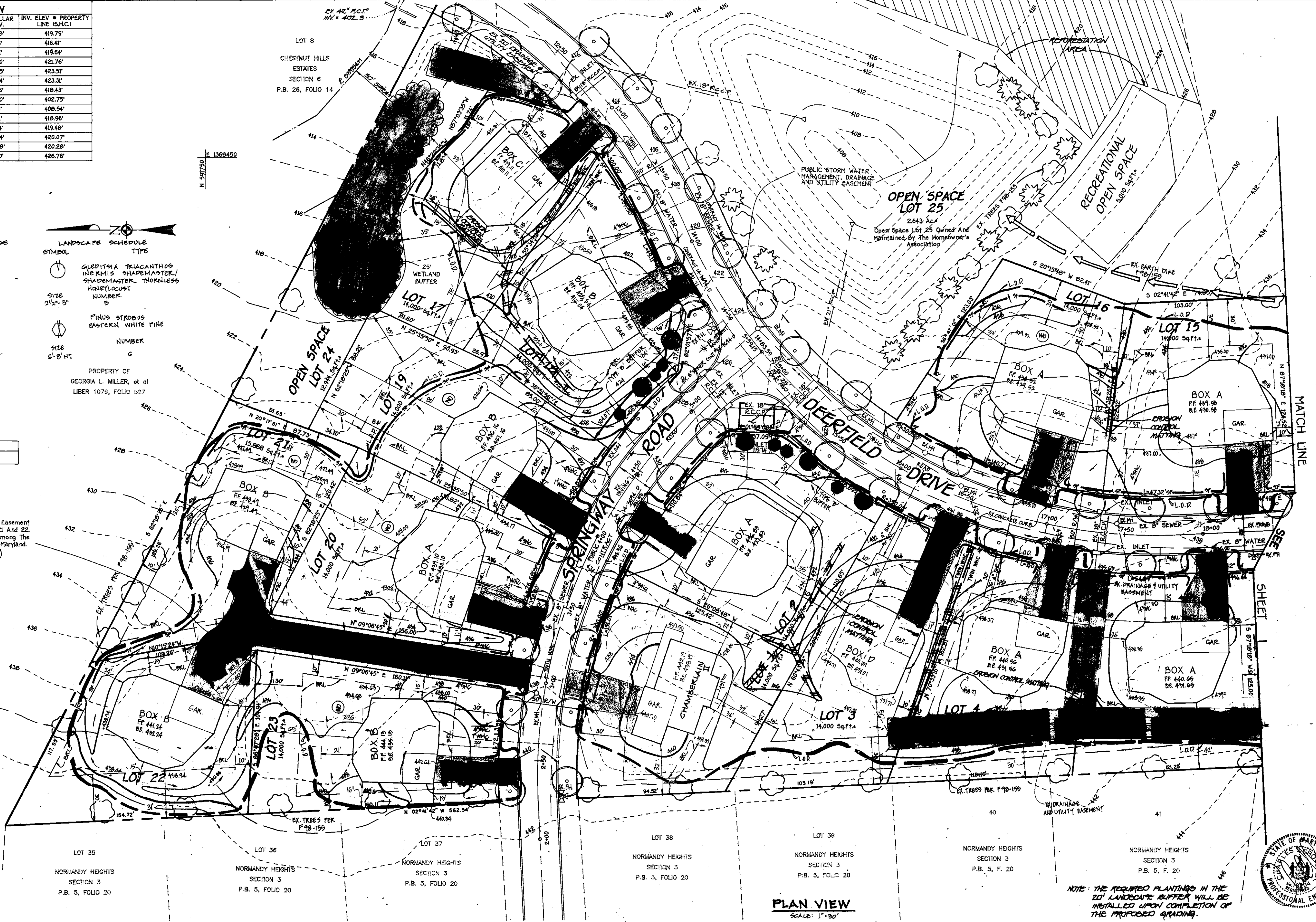


PROPERTY OF  
GEORGIA L. MILLER, et al  
LIBER 1079, FOLIO 527

REVISIONS	
1-25-99	REV. BOX FOOTPRINTS ALL LOTS

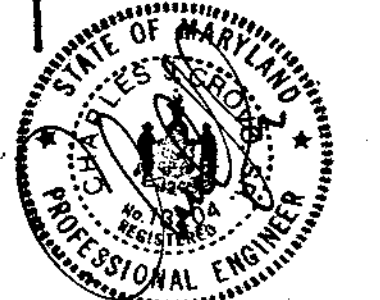
Private 24' Use-in-Common Access Easement For the Use and Benefit of Lots 21 and 22. Maintenance Agreement Recorded Among The Land Records of Howard County, Maryland. (LIBER 1458, FOLIO 362.)

LEGEND	
Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
+ 62.4	Spot Elevation
-	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
---	Proposed Walkout
---	Earth Dike
---	Tree Protection
---	Existing Time Line
L.O.D.	Limit of Disturbance
---	Existing Street Tree



PLAN VIEW  
SCALE: 1"=30'

NOTE: THE REQUIRED PLANTINGS IN THE 20' LANDSCAPE BUFFER WILL BE INSTALLED UPON COMPLETION OF THE PROPOSED GRADING.



FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CONFIDENTIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21226  
410-281-2855

**ENGINEER'S CERTIFICATE**  
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.  
*[Signature]*  
Signature of Engineer (Print name below signature) Date: 12/18/98

**DEVELOPER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan, and that any 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.  
*[Signature]*  
Signature of Developer (Print name below signature) Date: 12-7-98

Reviewed for HOA SCD and meets Technical Requirements.  
*[Signature]* 12/15/98  
Date  
D.S.D.A. - Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*[Signature]* 12/15/98  
Date  
Howard SCD

**OWNER AND DEVELOPER**  
DIRECT FAMILY HOMES  
9726 CRESSY MEDE DRIVE  
ELICOTT CITY, MD 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*[Signature]* 12/22/98  
Date  
Director, Department of Planning and Zoning  
*[Signature]* 12/21/98  
Date  
Chief, Division of Land Development  
*[Signature]* 12/17/98  
Date  
Chief, Development Engineering Division

SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 & PARCEL 'A'
PLAT NO.	BLOCK NO.	ZONE
13244-13316	19	R-20
WATER CODE	SEWER CODE	ELEC. DIST.
HOI	1451500	SECOND
		CENSUS TR.
		8025

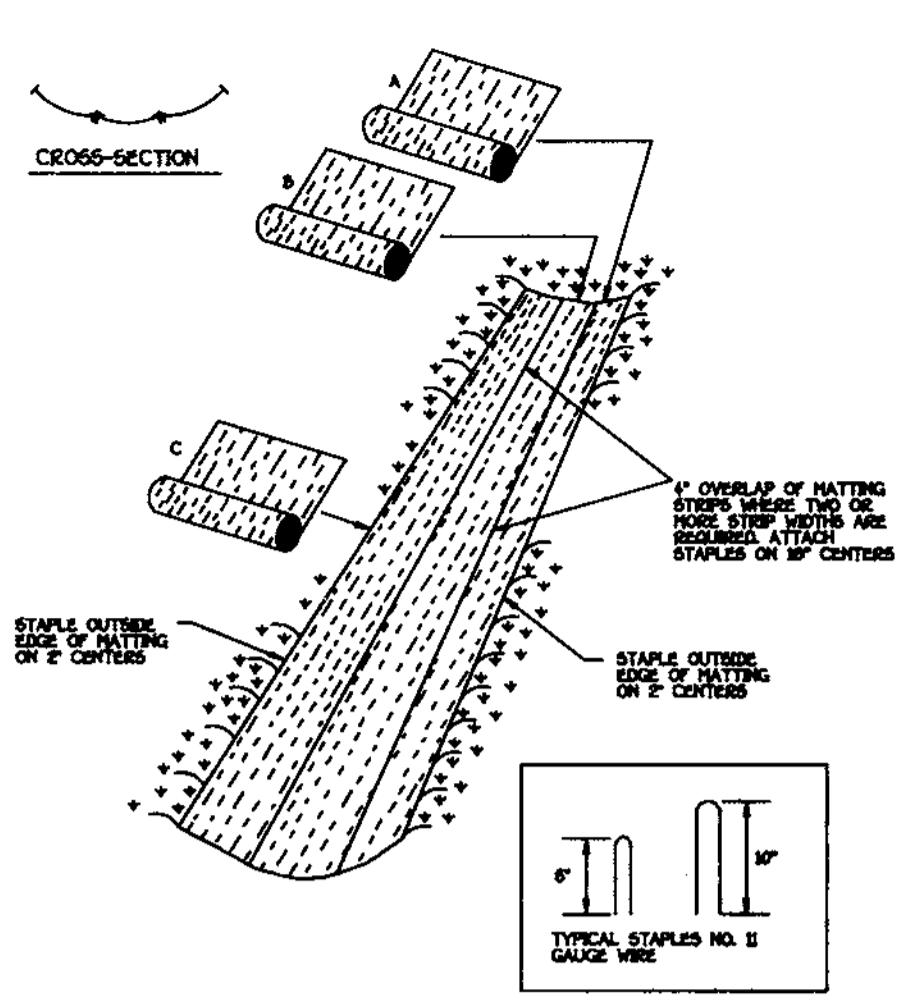
**SITE DEVELOPMENT PLAN  
PLAN VIEW**

**SPRING RIDGE**  
LOTS 1-23 & NON-BUILDABLE PARCEL 'A'

TAX MAP No: 18 PARCEL: 76 AND P/O 56  
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: SEPTEMBER, 1998.

SHEET 2 OF 3

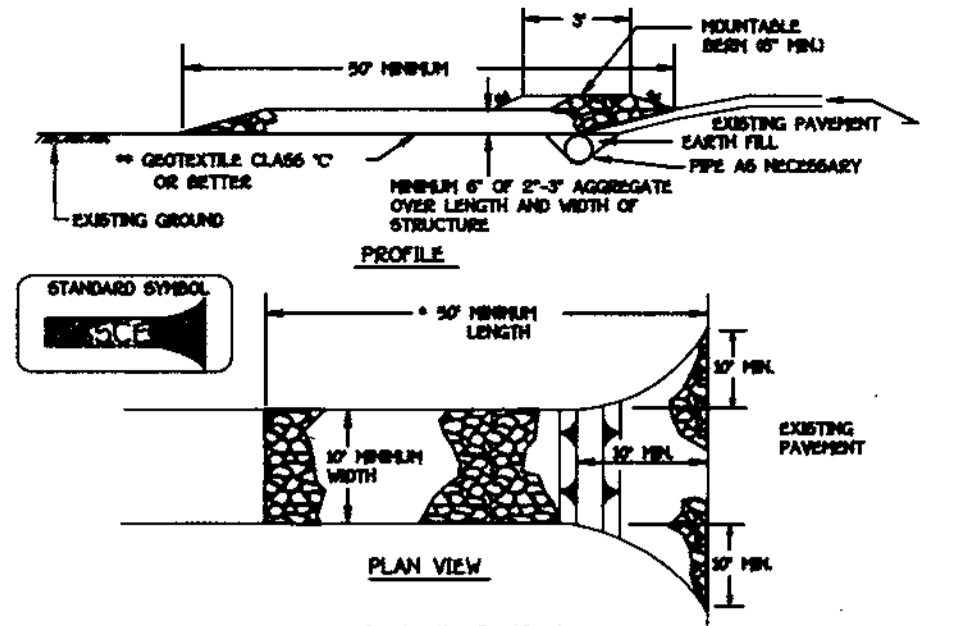
**EROSION CONTROL MATTING**



**EROSION CONTROL MATTING**

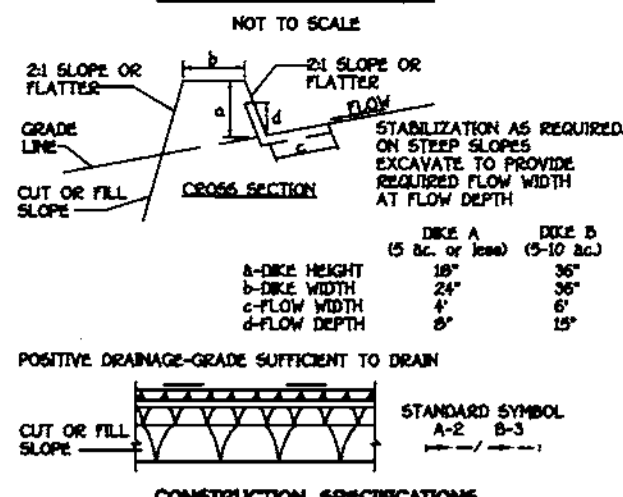
- 1. Lay in the matting by placing the top edge of the matting in a trench 1/2" deep. Stiffen the trench and tamp firmly to conform to the channel construction. Secure with a row of staples about 4' above slope from the trench. Spacing between staples is 6".
- 2. Stiffen the 4' overlap in the channel center using an 8" spacing between staples.
- 3. Before affixing the outer edge of the matting, make sure the matting is smooth and in firm contact with the soil.
- 4. Staples shall be placed 8" apart with 4 rows for each strip. 2 outer rows, and 2 alternating rows down the center.
- 5. Where one roll of matting ends and another begins, the end of the top strip shall overlap the upper end of the lower strip by 4". Staple through the overlap with a double row of staples spaced 8" apart in a staggered pattern on either side.
- 6. The discharge end of the matting flow should be securely secured with a double row of staples.

**STABILIZED CONSTRUCTION ENTRANCE**



- 1. Length - minimum of 50' for single residence lot.
- 2. Width - 30' minimum, should be placed at the existing road to provide a turning path.
- 3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. With plan approval authority may not require single family residence to use geotextile.
- 4. Stone - crushed aggregate 1/2" to 3/4" or rounded or rounded concrete equivalent shall be placed at least 8" deep over the length and width of the system.
- 5. Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a manhole with 24 slope and a minimum of 6" of stone over the pipe. Pipe has to be placed according to the drainage. When the pipe is located at a high spot and has no drainage to cover a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- 6. Location - A stabilized construction entrance shall be located at every site where construction activity occurs or where a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

**EARTH DIKE**



- 1. ALL DIKES SHALL BE COMPACTED BY EARTH-MOVING EQUIPMENT.
- 2. ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
- 3. TOP WIDTH MAY BE VARYING AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
- 4. FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
- 5. EACH DIKE SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION DAMAGE THAT IS CONFORMED TO A SEWAGE TREATMENT PLANT OR TO THE USE CHANNEL OF THE DRAINAGE AREA.
- 6. STABILIZED DIKES SHALL BE CONSTRUCTED WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH WITH 50% SEEDING RATE AND 50% FLOW CHANNELS, AS FOR THE CHART BELOW.
- 7. FLOW CHANNEL STABILIZATION
- 8. STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH AN IRON ROLLER.
- 9. SEEDING SHALL BE 1/2" DEEP AND 1/2" WIDE.
- 10. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
- 11. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.

**SEDIMENT CONTROL NOTES**

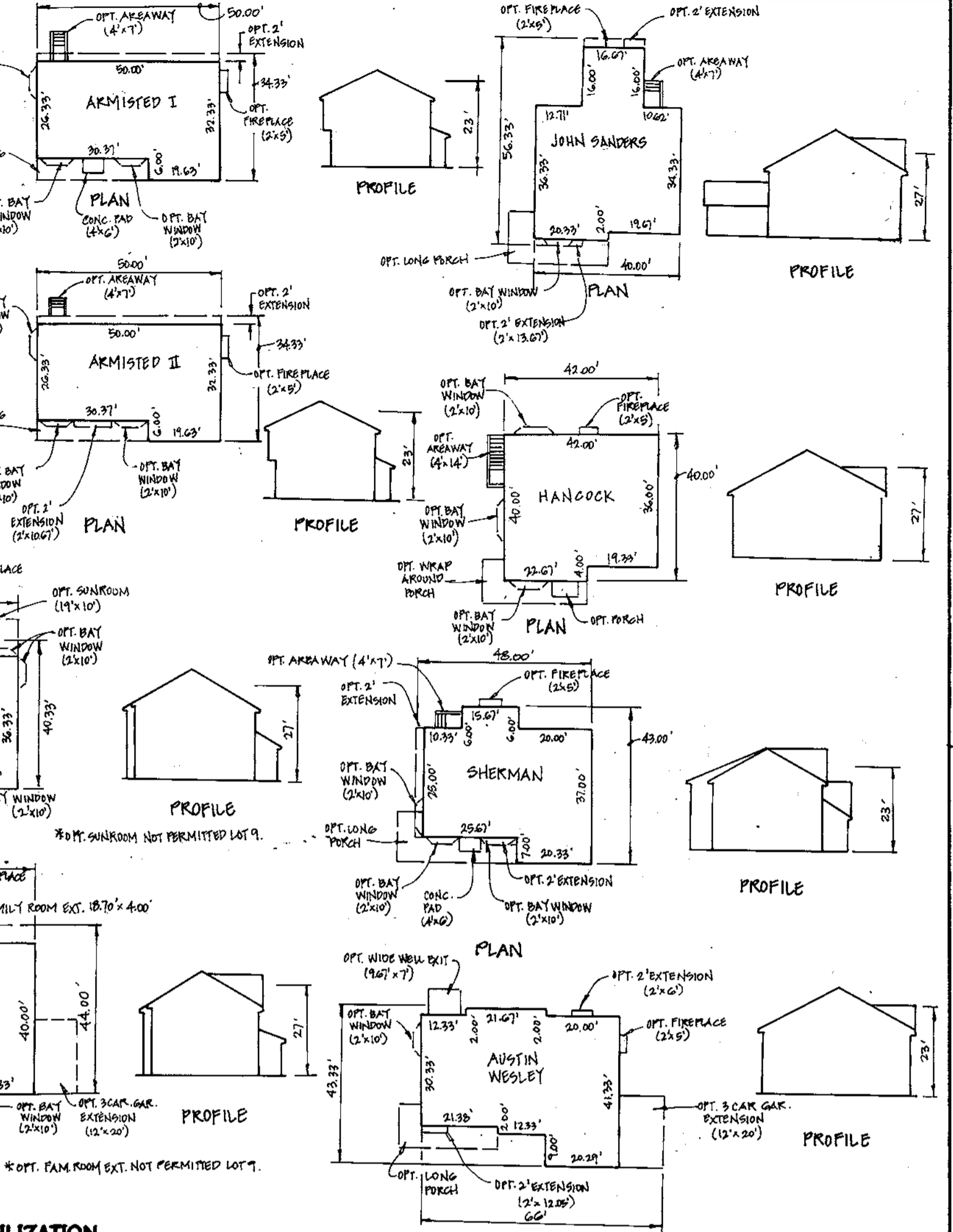
- 1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF PROTECTION, PLANNING AND ZONING, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION OR SOIL DISTURBANCE.
- 2. ALL VEGETATION AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THE HOWARD COUNTY DEPARTMENT OF PROTECTION, PLANNING AND ZONING, SEDIMENT CONTROL DIVISION.
- 3. FOLLOWING INITIAL SOIL DISTURBANCE OR SOIL-EXPOSURE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 30 DAYS.
- 4. ALL SOIL EXPOSURE SHALL BE COVERED WITHIN 30 DAYS.
- 5. ALL SOIL EXPOSURE SHALL BE COVERED WITHIN 30 DAYS.
- 6. ALL SOIL EXPOSURE SHALL BE COVERED WITHIN 30 DAYS.
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- 17. ALL SOIL EXPOSURE SHALL BE COVERED WITHIN 30 DAYS.
- 18. ALL SOIL EXPOSURE SHALL BE COVERED WITHIN 30 DAYS.
- 19. ALL SOIL EXPOSURE SHALL BE COVERED WITHIN 30 DAYS.
- 20. ALL SOIL EXPOSURE SHALL BE COVERED WITHIN 30 DAYS.

**PERMANENT SEEDING NOTES**

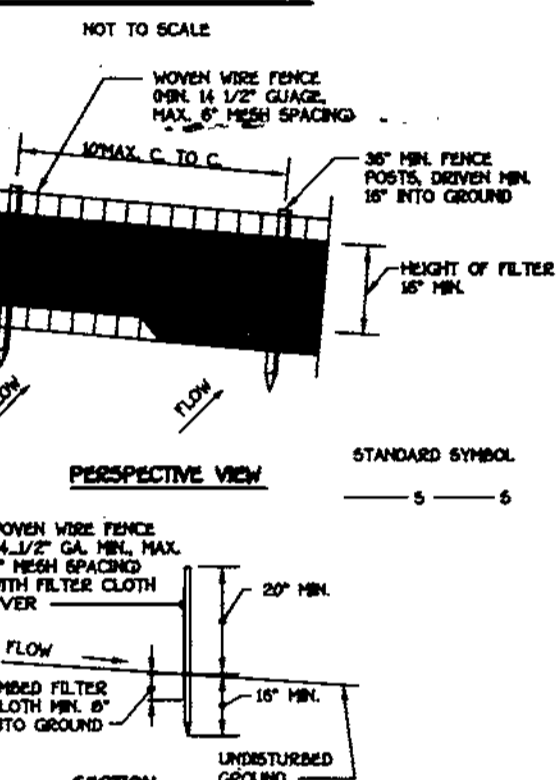
- 1. ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- 2. SOIL PREPARATION
- 3. SEEDING
- 4. MULCHING
- 5. MAINTENANCE

**TEMPORARY SEEDING NOTES**

- 1. APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- 2. SEEDING PREPARATION
- 3. SEEDING
- 4. MULCHING



**SILT FENCE**

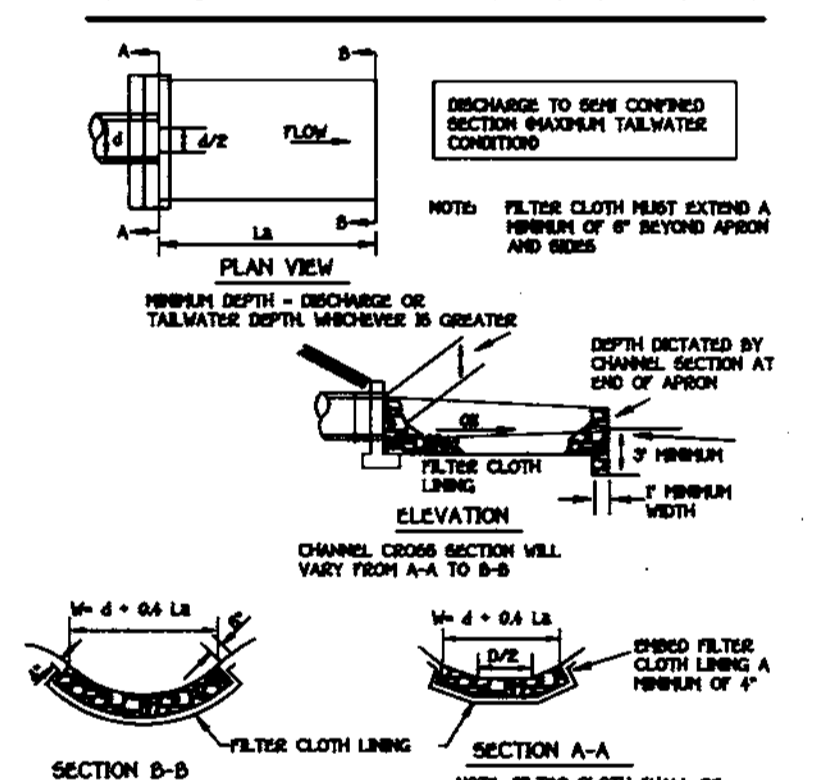


- 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OF STEEL.
- 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
- 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
- 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REPLACED WHEN "TALLES" DEVELOP IN THE SILT FENCE.

**SEQUENCE OF CONSTRUCTION**

- 1. OBTAIN GRADING PERMIT. (1 WEEK)
- 2. RE-SHAPE EXISTING SEDIMENT AND EROSION CONTROL.
- 3. INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN. (6 DAYS)
- 4. CLEAR AND GRUB SITE TO LIMITS OF DISTURBANCE.
- 5. EXCAVATE FOR FOUNDATION AND ROUGH GRADE LOT.
- 6. FINE GRADE LOT AND INSTALL DRIVEWAYS AND SIDEWALKS.
- 7. INSTALL PERMANENT SEEDING AND LANDSCAPING.
- 8. REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED.

**DETAIL 25 - ROCK OUTLET PROTECTION I**

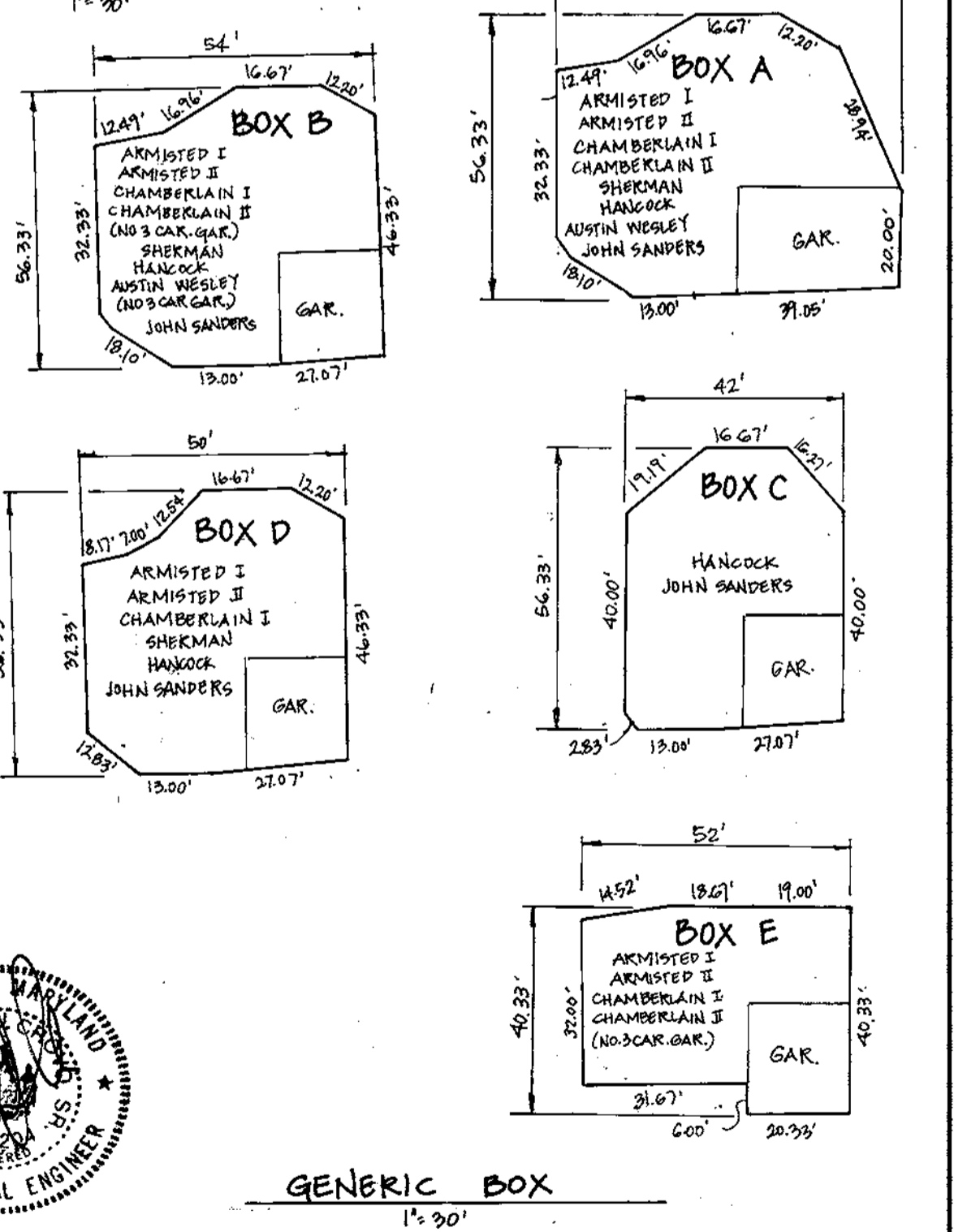


- 1. The substrate for the filter fabric or geotextile shall be prepared to the required level and grade. Any fill required to the substrate shall be compacted to a density approximately that of the surrounding undisturbed material.
- 2. The rock or gravel shall conform to the specified grading limits when installed respectively in the filter or stone.
- 3. Geotextile shall be protected from puncturing, cutting, or tearing. Any damage other than an occasional small hole shall be repaired by stitching another piece of geotextile over the damaged part or by completely replacing the geotextile. All overlaps shall be placed in a manner to prevent damage to geotextile shall be a minimum of one foot.
- 4. Stone for the filter or geotextile outlet may be placed by equipment. They shall be constructed to the full depth of the substrate and in each a manner so as to avoid displacement of underlying materials. The stone for filter or geotextile outlet shall be delivered and placed in a manner that will ensure that it is reasonably homogeneous with the remainder of the stone. If the stone is placed too high from the surface, it shall be broken up and re-laid. The stone shall be placed so that it is in contact with the filter fabric or geotextile. Hand placement will be required for the correct installation to prevent damage to the permanent work.
- 5. The stone shall be placed so that it is in contact with the filter fabric or geotextile. Hand placement will be required for the correct installation to prevent damage to the permanent work.
- 6. If the filter is not in a ramp, construct a compacted earth slope across the dike directly below it. The top of the earth dike shall be at least 8" higher than the top of the stone.
- 7. The structure must be inspected periodically and after each rain and the geotextile replaced when it becomes clogged.

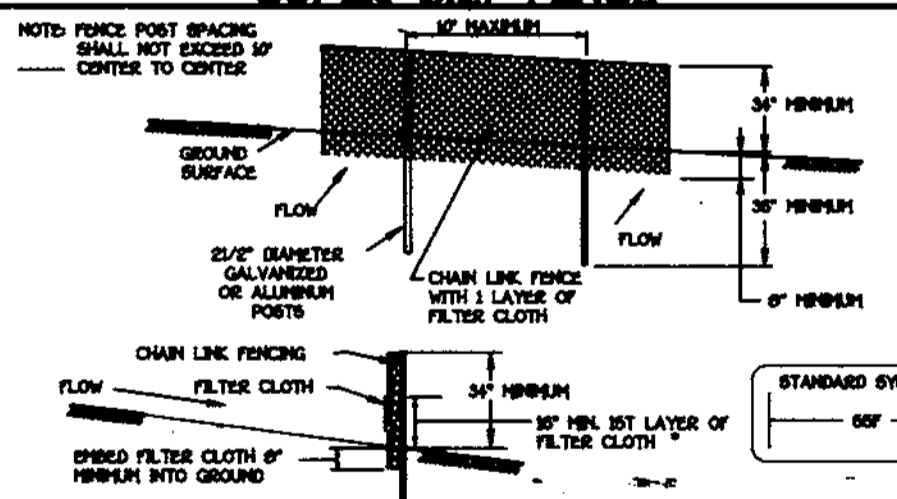
**STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION**

- 1. Using vegetation as cover for barren soil is perfect if done correctly.
- 2. Vegetative stabilization specifications are used to promote the development of vegetation on exposed soil. When soil is stabilized with vegetation, the soil is less likely to erode, thereby reducing sediment loads and runoff to downstream areas, and improving wildlife habitat and visual resources.
- 3. The practice shall be used on disturbed areas that are not to be used for agriculture or other purposes. It shall be used on areas that are not to be used for agriculture or other purposes.
- 4. The practice shall be used on areas that are not to be used for agriculture or other purposes.
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- 16. The practice shall be used on areas that are not to be used for agriculture or other purposes.
- 17. The practice shall be used on areas that are not to be used for agriculture or other purposes.
- 18. The practice shall be used on areas that are not to be used for agriculture or other purposes.
- 19. The practice shall be used on areas that are not to be used for agriculture or other purposes.
- 20. The practice shall be used on areas that are not to be used for agriculture or other purposes.

**FOOTPRINTS**



**SUPER SILT FENCE**



- 1. Trenching shall be 4" in depth and constructed in accordance with the latest Maryland Dept. Highway Details for Chain Link Fencing. The specification for a 4" fence shall be used, substituting 42" fabric and 8" high posts.
- 2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, between and tension rods, drive anchors and post caps are not required except on the ends of the fence.
- 3. Filter cloth shall be fastened securely to the chain link fence with two spaced every 24" at the top and mid section.
- 4. Filter cloth shall be extended a minimum of 6" into the ground.
- 5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
- 6. Maintenance shall be performed as needed and fill buildup removed when "tallies" develop in the silt fence or when fill reaches 200% of fence height.
- 7. Filter cloth shall be fastened securely to each fence post with wire ties or staples at top and mid section and shall meet the following requirements for Geotextile Class 15.

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

**ENGINEER'S CERTIFICATE**

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.

Signature of Engineer (Print name below signature) Date 12/7/98

**DEVELOPER'S CERTIFICATE**

I/We certify that all development and construction will be done according to the plan and that any 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 Sedimentation and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

Signature of Developer (Print name below signature) Date 12-7-98

**OWNER AND DEVELOPER**

DORSEY FAMILY HOMES 9300 CTRIPPA WAYS DRIVE BLAUGOTT CITY, MD 21042

**APPROVED DEPARTMENT OF PLANNING AND ZONING**

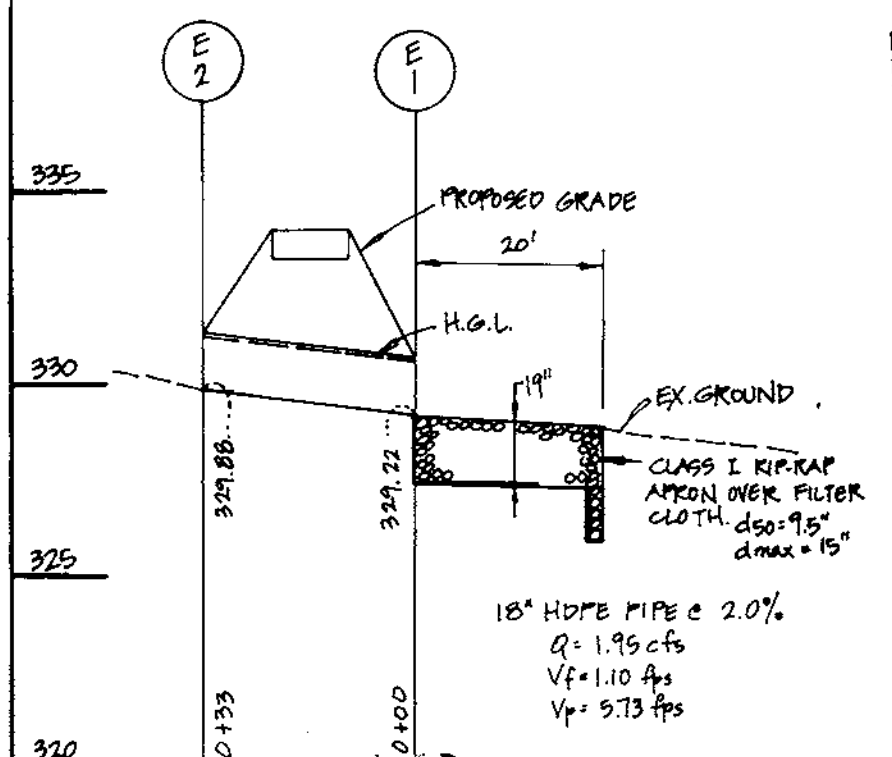
Director - Department of Planning and Zoning Date 12/22/98

**SITE DEVELOPMENT PLAN NOTES AND DETAILS**

SPRING RIDGE LOTS 1-23 & NON-BUILDABLE PARCEL 'A' TAX MAP NO: 1B PARCEL: 76 AND P/O 56 SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND SCALE: AS SHOWN DATE: SEPTEMBER, 1998 SHEET 3 OF 3 S.D.P. 99-34

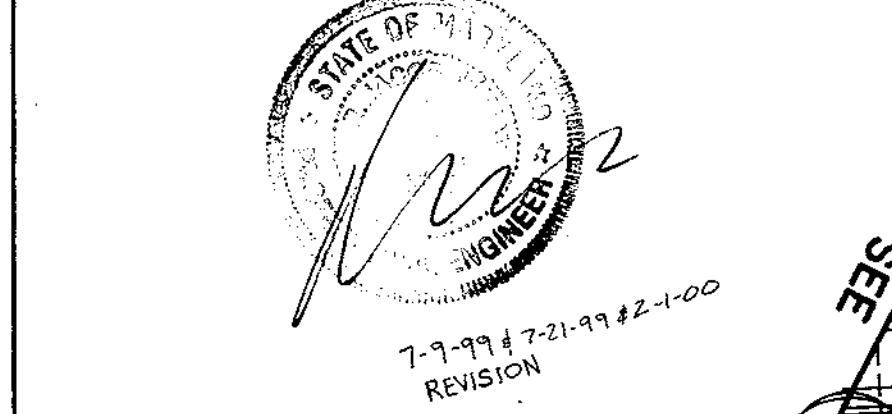
LOT INFORMATION			
LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. & PROPERTY LINE (S.H.C.)
6	2860 DEERFIELD DRIVE	429.3'	424.20'
7	2864 DEERFIELD DRIVE	430.0'	425.07'
8	2868 DEERFIELD DRIVE	431.3'	426.17'
9	2872 DEERFIELD DRIVE	432.7'	427.65'
10	2876 DEERFIELD DRIVE	431.1'	427.06'
11	2880 DEERFIELD DRIVE	430.7'	426.95'
12	2884 DEERFIELD DRIVE	431.2'	426.02'
13	2861 DEERFIELD DRIVE	430.5'	425.31'
14	2867 DEERFIELD DRIVE	429.1'	424.13'

MINIMUM LOT SIZE CHART			
LOT NO.	GROSS AREA	PIPESTEM AREA	REMAINING AREA
21	15,868 Sq. Ft.	1,868 Sq. Ft.	14,000 Sq. Ft.
22	15,922 Sq. Ft.	1,922 Sq. Ft.	14,000 Sq. Ft.



**PROFILE**  
SCALE: 1" = 30' HORIZ.  
1" = 5' VERT.

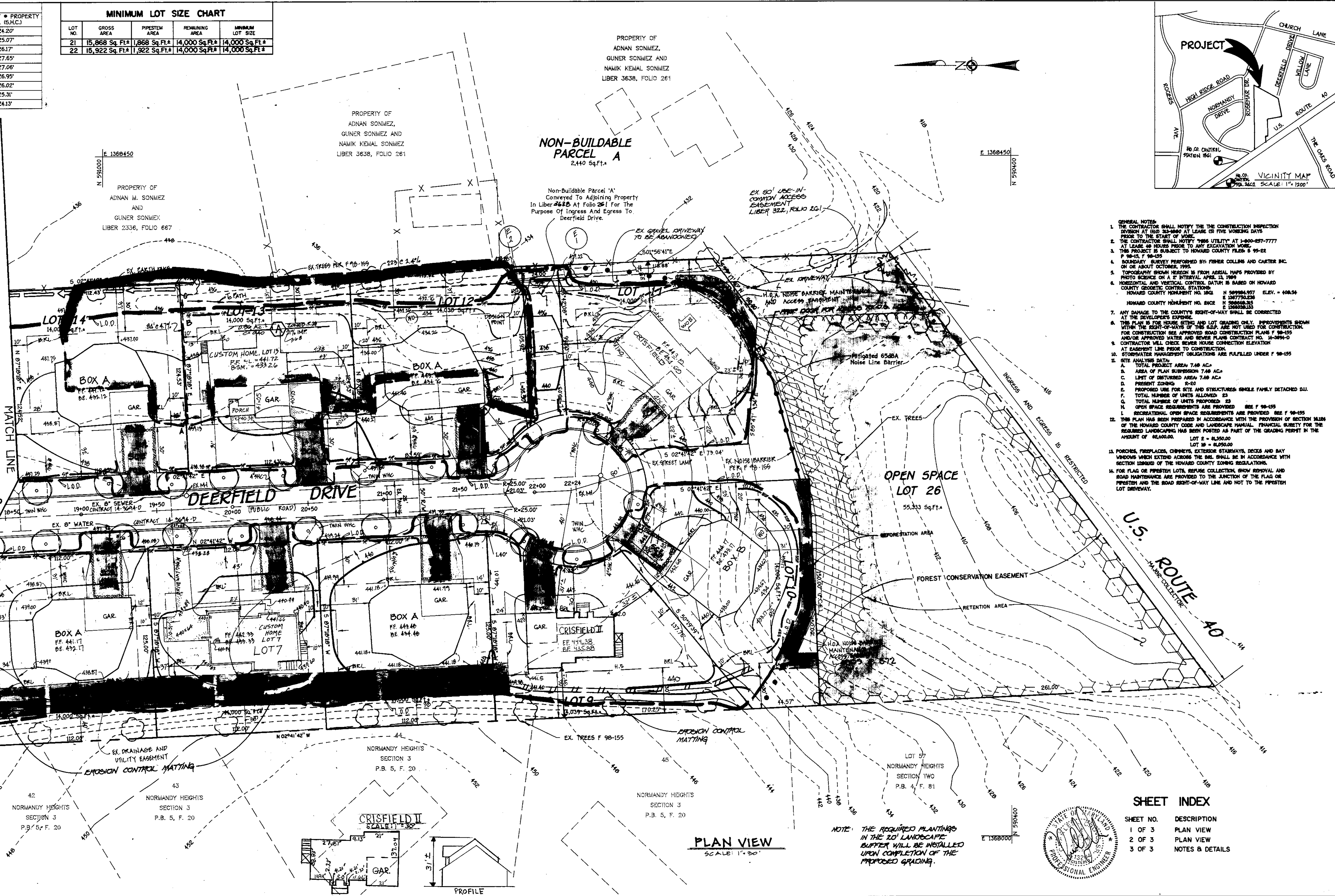
REVISIONS	
1	2-24-99 REV. BOX FOOTPRINT ALL LOTS
2	7-9-99 REV. FOOTPRINT LOT 16
3	7-21-99 REV. FOOTPRINT LOT 23
4	2-1-00 REV. FOOTPRINT LOT 7
5	3-5-00 REV. FOOTPRINT LOT 13
6	5-23-00 REV. BOX LOTS 9 & 11
7	2-7-01 REV. BOX LOT II TO CRISFIELD II
8	2-7-01 REV. BOX LOT 9 TO CRISFIELD II



7-9-99 & 7-21-99 & 2-7-00 REVISION

LEGEND	
Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
+ 62.4	Spot Elevation
SF	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
⊙	Proposed Walkout
—	Earth Dike
-X-X-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(S)	Existing Street Tree

*Donald Meas*  
FOR REVISIONS BY S.E.I. DATED 5/21/00 & 2/7/01



**DEVELOPER'S / BUILDER'S CERTIFICATE**  
I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.24 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

*John Wolf* DATE: 12-7-98

**ENGINEER'S CERTIFICATE**  
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.

*John Wolf* DATE: 12/7/98

**DEVELOPER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan, 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.

*John Wolf* DATE: 12-7-98

Review for HOWARD SCD and meets Technical Requirements.  
*Cheryl Simmons* 12/13/98  
U.S.D.A.-NR Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*John R. Johnston* 12/13/98  
Howard SCD

**OWNER AND DEVELOPER**  
DORSET FAMILY HOMES  
9122 CYPRESSMEDE DRIVE  
BILGOTT CITY, MARYLAND 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*James R. Rutter* 12/22/98  
Director - Department of Planning and Zoning  
*Cathy Hamilton* 12/22/98  
Chief, Division of Land Development  
*John Dammann* 12/17/98  
Chief, Development Engineering Division

SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 & PARCEL 'A'
PLAT NO.	BLOCK NO.	TAX/ZONE
15314-15316	19	R-20
WATER CODE	SEWER CODE	ELEC. DIST.
HOI	1451500	SECOND
		CENSUS TR.
		6026

**SITE DEVELOPMENT PLAN**  
**PLAN VIEW**

**SPRING RIDGE**  
**LOTS 1-23 & NON-BUILDABLE PARCEL 'A'**

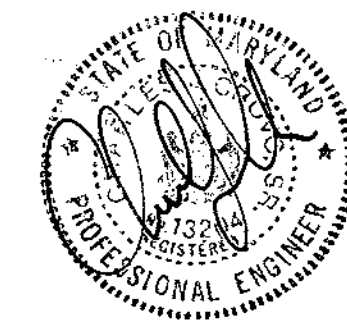
TAX MAP No: 18 PARCEL: 76 AND P/O 56  
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: SEPTEMBER, 1998

SHEET 1 OF 3

- GENERAL NOTES**
- THE CONTRACTOR SHALL NOTIFY THE THE CONSTRUCTION INSPECTION DIVISION AT (410) 388-8800 AT LEAST 48 HOURS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY THE UTILITY AT 1-800-857-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  - THIS PROJECT IS SUBJECT TO HOWARD COUNTY PLANS 5 98-22 P. 98-15, F. 98-155.
  - BOUNDARY SURVEY PERFORMED BY FISHER COLLINS AND CARTER INC. ON OR ABOUT OCTOBER, 1995.
  - TOPOGRAPHY SHOWN HEREON IS FROM AERIAL MAPS PROVIDED BY PHOTO SCIENCE ON A 2' INTERVAL APRIL 13, 1989.
  - HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:  
HOWARD COUNTY MONUMENT NO. 8022 E 509884.957 ELEV. = 408.54  
HOWARD COUNTY MONUMENT NO. 8022 E 509884.957 E 1367750.238  
HOWARD COUNTY MONUMENT NO. 8022 E 509884.957 E 1367750.238
  - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  - THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHT-OF-WAY OF THIS ROAD ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS F 98-155 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-3894-D. CONTRACTOR WILL CHECK BEFORE HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  - STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F 98-155.
  - SEE ANALYSIS DATA:  
A. TOTAL PROJECT AREA 7.88 AC.  
B. AREA OF PLAN SUBMISSION 7.88 AC.  
C. LIMIT OF DISTURBED AREA 7.88 AC.  
D. PRESENT ZONING R-20  
E. PROPOSED USE FOR SITE AND STRUCTURES SINGLE FAMILY DETACHED D.U.I.  
F. TOTAL NUMBER OF UNITS ALLOWED: 23  
G. TOTAL NUMBER OF UNITS PROPOSED: 23  
H. OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F 98-155  
I. RECREATIONAL OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F 98-155
  - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.24 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$24,000. LOT 16 = 80,000.00
  - PORCHES, FIREPLACES, CHIMNEYS, EXTERIOR STAIRWAYS, DECKS AND BAY WINDOWS WHICH EXTEND ACROSS THE B.M. SHALL BE IN ACCORDANCE WITH SECTION 16.24 OF THE HOWARD COUNTY ZONING REGULATIONS.
  - FOR FLAG OR FORESTED LOTS, REMOVAL, COLLECTOR, SHOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR FORESTED AND THE ROAD RIGHT-OF-WAY LINE AND NOT TO THE PIPESTEM LOT DRIVEWAY.

**SHEET INDEX**

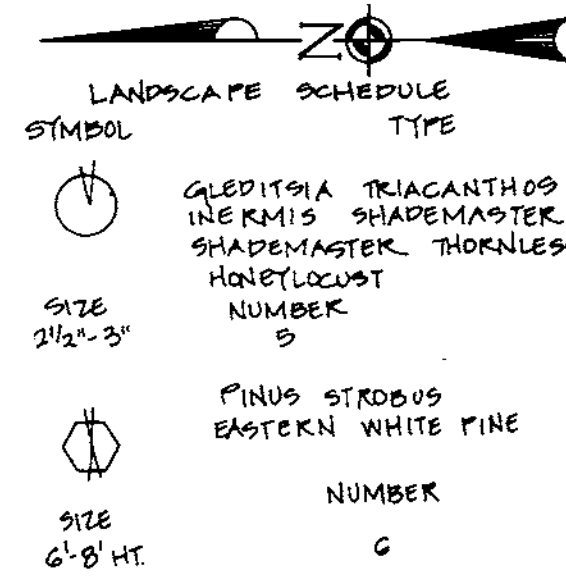
SHEET NO.	DESCRIPTION
1 OF 3	PLAN VIEW
2 OF 3	PLAN VIEW
3 OF 3	NOTES & DETAILS



LOT INFORMATION			
LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. • PROPERTY LINE (S.H.C.)
1	8911 SPRINGWAY ROAD	424.8'	419.79'
2	8901 SPRINGWAY ROAD	421.6'	416.41'
3	1848 DEERFIELD DRIVE	425.1'	419.64'
4	1892 DEERFIELD DRIVE	427.0'	421.76'
5	1896 DEERFIELD DRIVE	428.5'	423.51'
15	1893 DEERFIELD DRIVE	428.4'	423.31'
16	1847 DEERFIELD DRIVE	423.6'	418.43'
17	1892 DEERFIELD DRIVE	428.0'	422.75'
18	1840 DEERFIELD DRIVE	413.5'	408.54'
19	8944 SPRINGWAY ROAD	424.1'	418.96'
20	8902 SPRINGWAY ROAD	424.4'	419.48'
21	8912 SPRINGWAY ROAD	428.4'	420.07'
22	8916 SPRINGWAY ROAD	428.8'	420.28'
23	8927 SPRINGWAY ROAD	432.0'	426.76'

SCHEDULE A - PERIMETER LANDSCAPE EDGE CATEGORY

LANDSCAPE TYPE	LINEAR FEET ROADWAY ADJACENT TO ROADWAYS	NUMBER PLANTS REQUIRED
SHADE TREES	219.81	5
EVERGREEN TREES		5
NUMBER PLANTS PROVIDED		5
SHADE TREES		5
EVERGREEN TREES		5



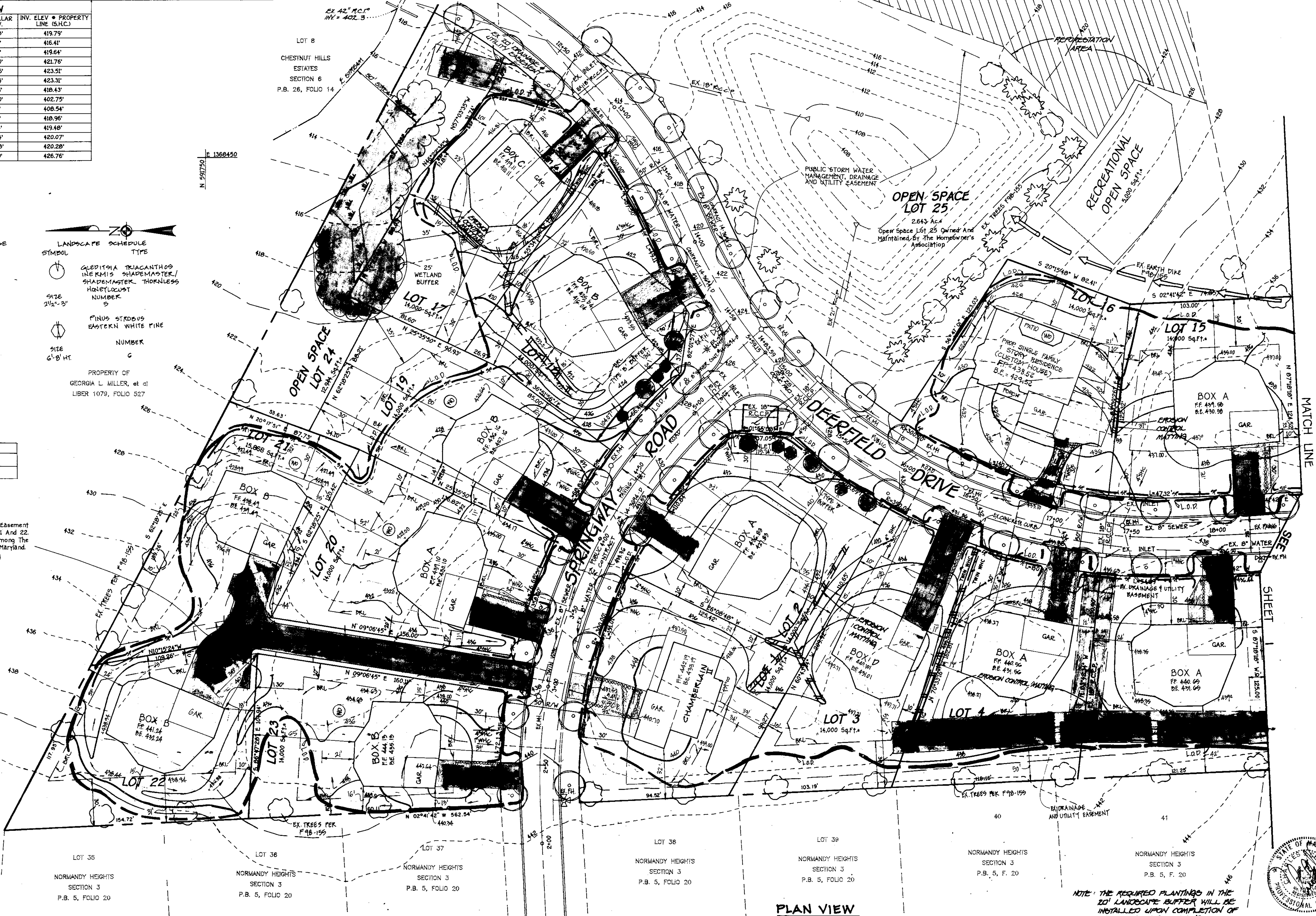
REVISIONS

1-29-99	REV. BOX FOOTPRINTS ALL LOTS
7-9-99	REV. FOOTPRINT LOT 16

Private 24' Use-In-Common Access Easement For The Use And Benefit Of Lots 21 And 22. Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland. (LIBER 4503, FOLIO 342.)

LEGEND

Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
+ 62.4	Spot Elevation
- 9'	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
(W)	Proposed Walkout
---	Earth Dike
---	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(T)	Existing Street Tree



FISHER, COLLINS & CARTER, INC.  
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTENNIAL SQUARE OFFICE PARK • 10772 BALTIMORE NATIONAL PIKE  
ELICOTT CITY, MARYLAND 21042  
410.481.1855

**ENGINEER'S CERTIFICATE**  
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.

Signature of Engineer (Print name below signature) *John K. Adams* Date 12/17/98

**DEVELOPER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan, and that any 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.

Signature of Developer (Print name below signature) *John K. Adams* Date 12-17-98

Reviewed for HOWARD SCD and meets Technical Requirements.  
Signature: *John K. Adams* Date: 12/17/98  
USDA-NRCS Resource Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
Signature: *John K. Adams* Date: 12/17/98  
Howard SCD

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
Signature: *Paul R. Smith* Date: 12/22/98  
Director - Department of Planning and Zoning  
Signature: *Chris Hamilton* Date: 12/21/98  
Chief, Division of Land Development  
Signature: *John K. Adams* Date: 12/17/98  
Chief, Development Engineering Division

**OWNER AND DEVELOPER**  
DORSET FAMILY HOMES  
9926 CRESSWELL DRIVE  
ELICOTT CITY, MD 21042

SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 B PARCEL 'A'
PLAT NO. 13344-13346	BLOCK NO. 19	ZONE R-20
TAX/ZONE 1B	ELEC. DIST. SECOND	CENSUS TR. 6026
WATER CODE HOI	SEWER CODE 1451500	

**SITE DEVELOPMENT PLAN  
PLAN VIEW**

**SPRING RIDGE**

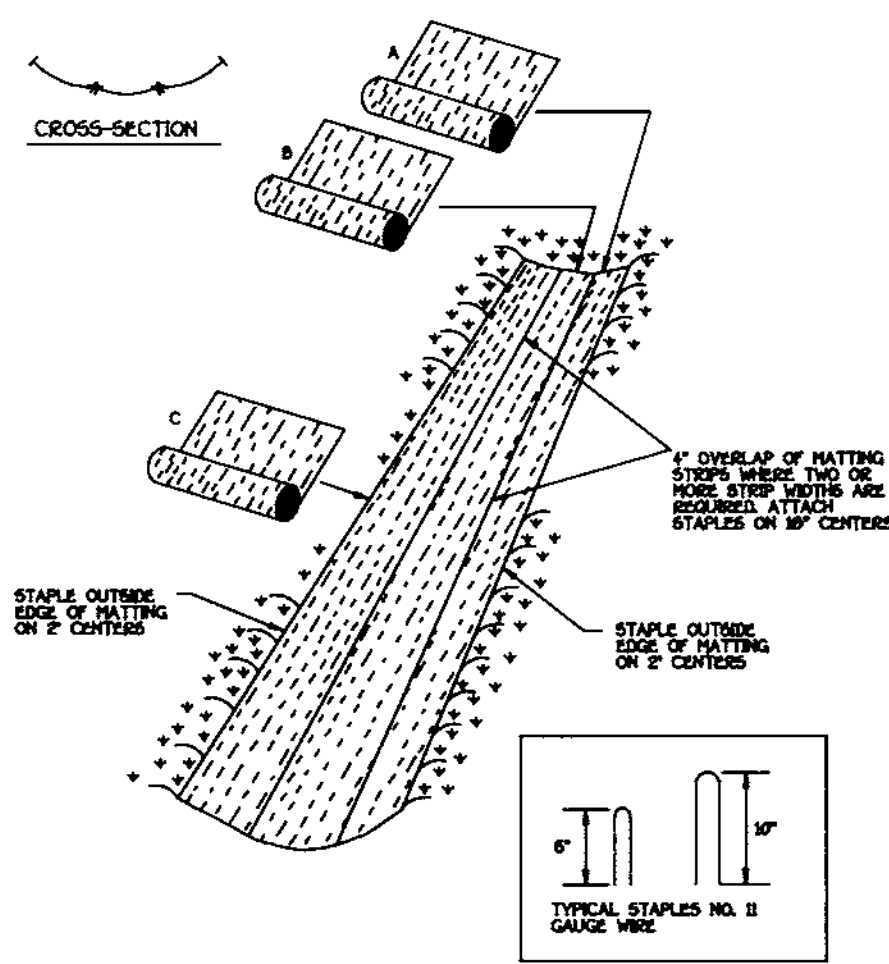
**LOTS 1-23 & NON-BUILDABLE PARCEL 'A'**

TAX MAP No: 18 PARCEL: 76 AND P/O 56  
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: SEPTEMBER, 1998

SHEET 2 OF 3



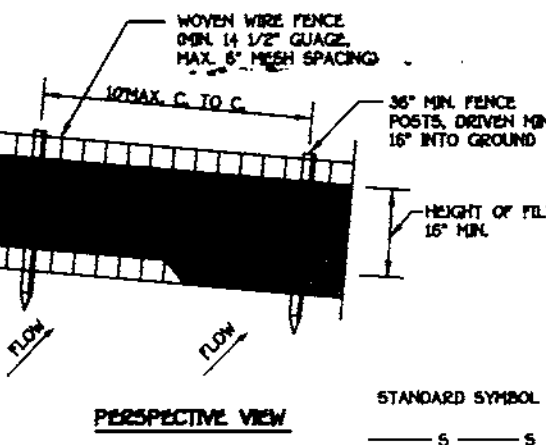
EROSION CONTROL MATTING



EROSION CONTROL MATTING

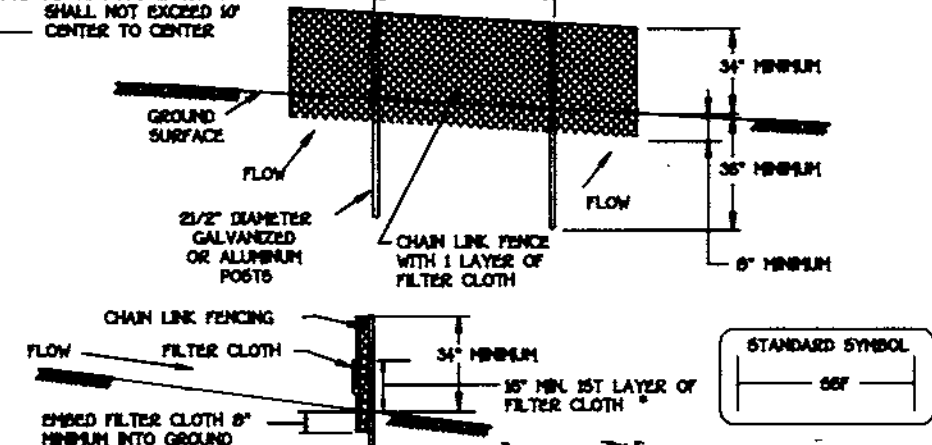
- Construction Specifications
1. Lay-in the matting by placing the top edge of the matting in a narrow trench...

SILT FENCE



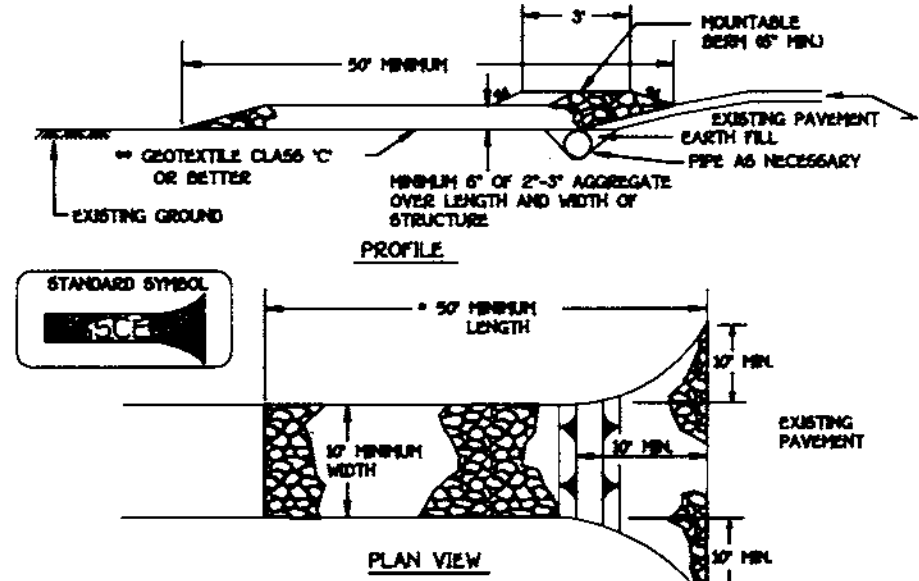
- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE
1. WORK WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH HOSE TIES OR STAPLES...

SUPER SILT FENCE



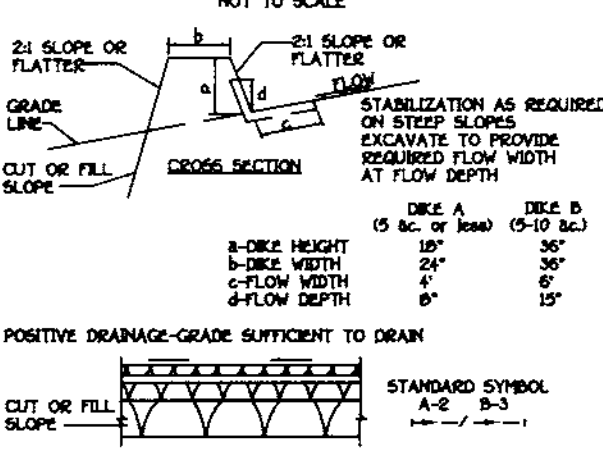
- Construction Specifications
1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing...

STABILIZED CONSTRUCTION ENTRANCE



- Construction Specifications
1. Length - minimum of 50' (30' for single residence left)
2. Width - 20' minimum, should be placed at the existing road to provide a turning radius...

EARTH DIKE



- CONSTRUCTION SPECIFICATIONS
1. ALL DIKES SHALL BE CONSTRUCTED BY EARTH-MOVING EQUIPMENT.
2. ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
3. TOP WIDTH SHALL BE 24" MIN. AND SLOPE SHALL BE FLATTER THAN 2:1...

SEDIMENT CONTROL NOTES

- A MEMBER OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF STRUCTURAL CONTROL AND PERMITS...
2. ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS...

PERMANENT SEEDING NOTES

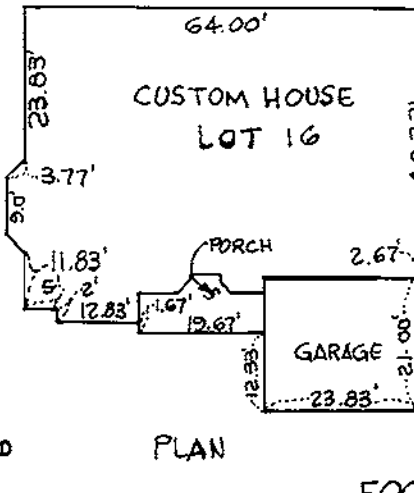
- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
SEEDING PREPARATION: LOOSEN TOP THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING...

TEMPORARY SEEDING NOTES

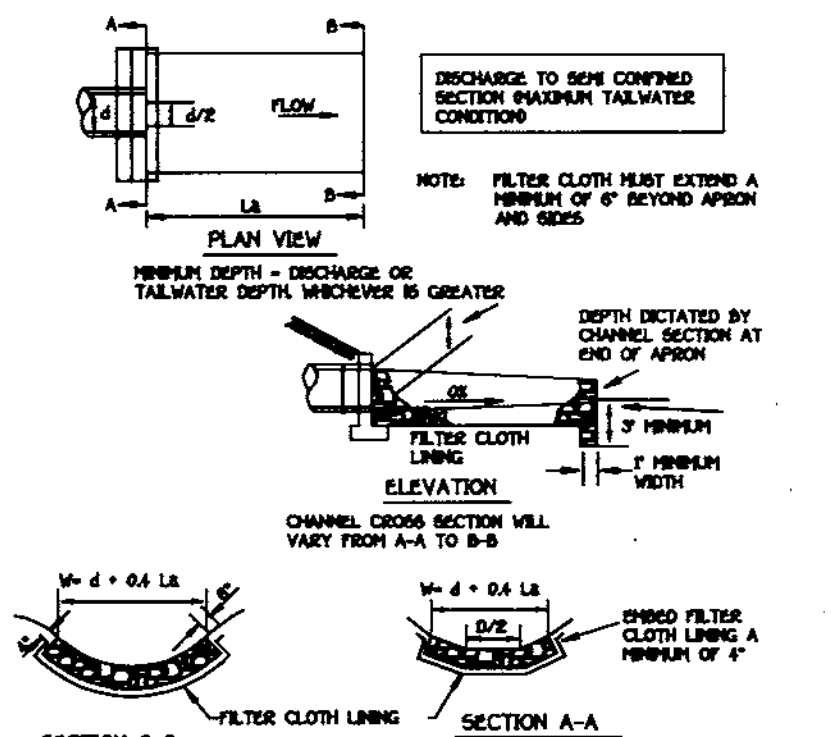
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REINTERLUDED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
SEEDING PREPARATION: LOOSEN TOP THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING...

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT.
2. RE-SHAPE EXISTING SEDIMENT AND EROSION CONTROL.
3. INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN.
4. CLEAR AND GRUB SITE TO LIMITS OF DISTURBANCE.



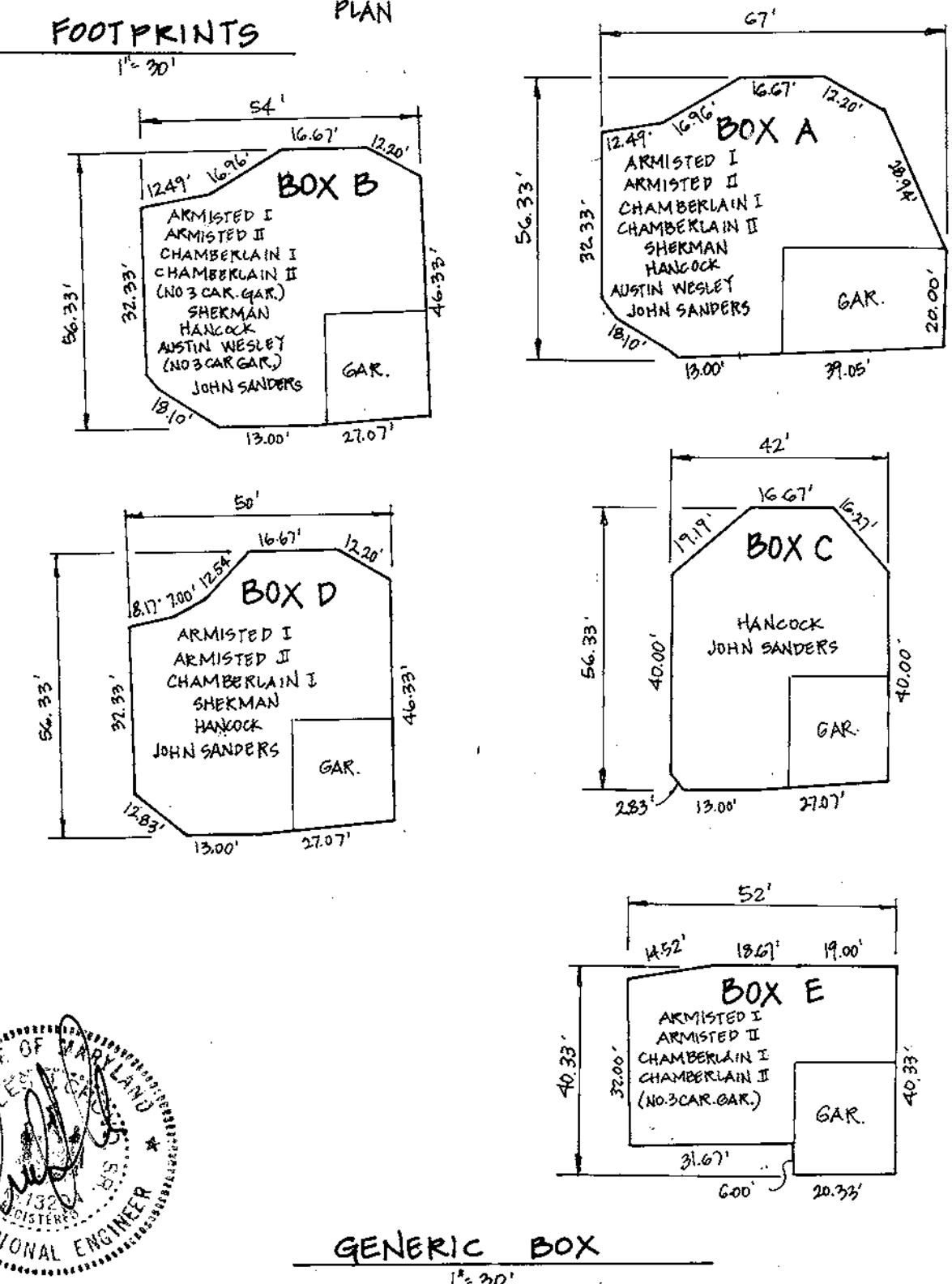
DETAIL 25 - ROCK OUTLET PROTECTION I



- CONSTRUCTION SPECIFICATIONS
1. The substrate for the filter, rip-rap, or gabion shall be prepared to the required base and grade.
2. The substrate shall be constructed to a depth of approximately that of the surrounding undisturbed material.

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

- Using vegetation to cover for erosion control is preferred over other erosion control methods...
1. Site Preparation
a. Install erosion and sediment control structures before topsoil or permanent vegetation is established...



ENGINEER'S CERTIFICATE

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.

DEVELOPER'S CERTIFICATE

I/We certify that all development and construction will be done according to this plan and that any 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 Erosion before beginning the project.

APPROVED DEPARTMENT OF PLANNING AND ZONING

Reviewed by HOWARD SCD and meets Technical Requirements.
12/15/98 Date
12/17/98 Date

OWNER AND DEVELOPER
DORSEY FAMILY HOMES
9926 CRESSWICK DRIVE
BILLCOTT CITY, MD 21042

APPROVED DEPARTMENT OF PLANNING AND ZONING

12/22/98 Date
12/21/98 Date
12/17/98 Date

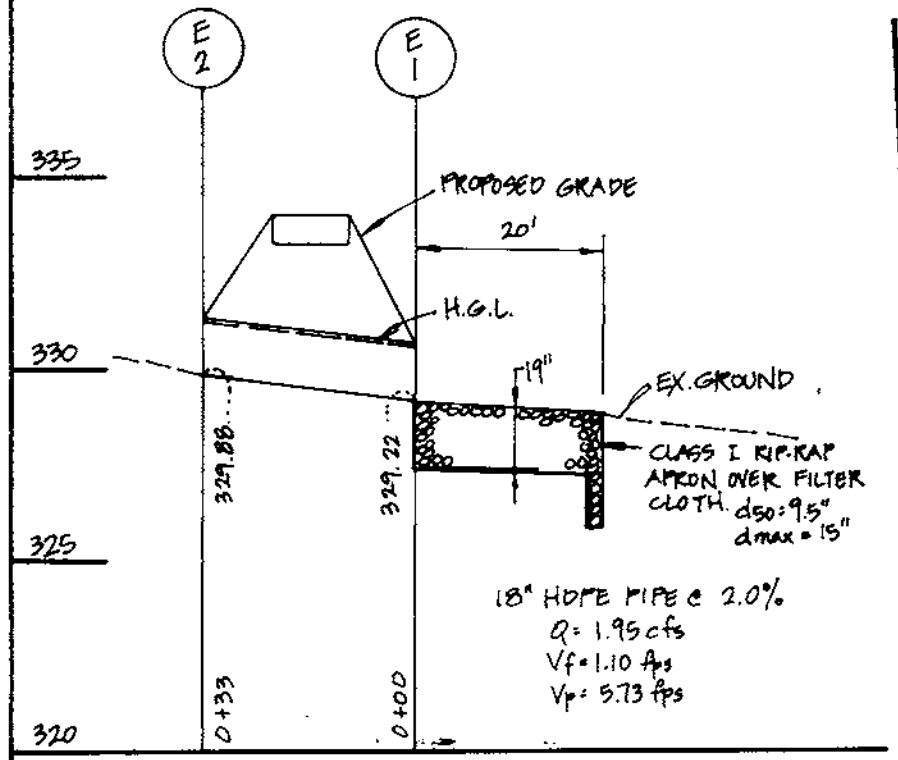
Table with columns: SUBDIVISION, SPRING RIDGE, SECTION/AREA, LOT NO., PLAT NO., BLOCK NO., ZONE, TAX/ZONE, ELEC. DIST., CENSUS TR.

SITE DEVELOPMENT PLAN NOTES AND DETAILS

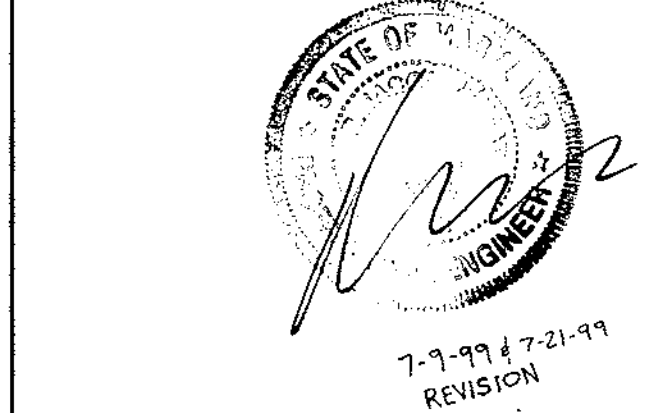
SPRING RIDGE
LOTS 1-23 & NON-BUILDABLE PARCEL 'A'
TAX MAP No: 10 PARCEL: 76 AND P/O 56
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: SEPTEMBER, 1998
SHEET 3 OF 3
S.D.P. 99-34

LOT INFORMATION			
LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. PROPERTY LINE (S.H.C.)
6	2660 DEERFIELD DRIVE	429.3'	424.20'
7	2664 DEERFIELD DRIVE	430.0'	425.07'
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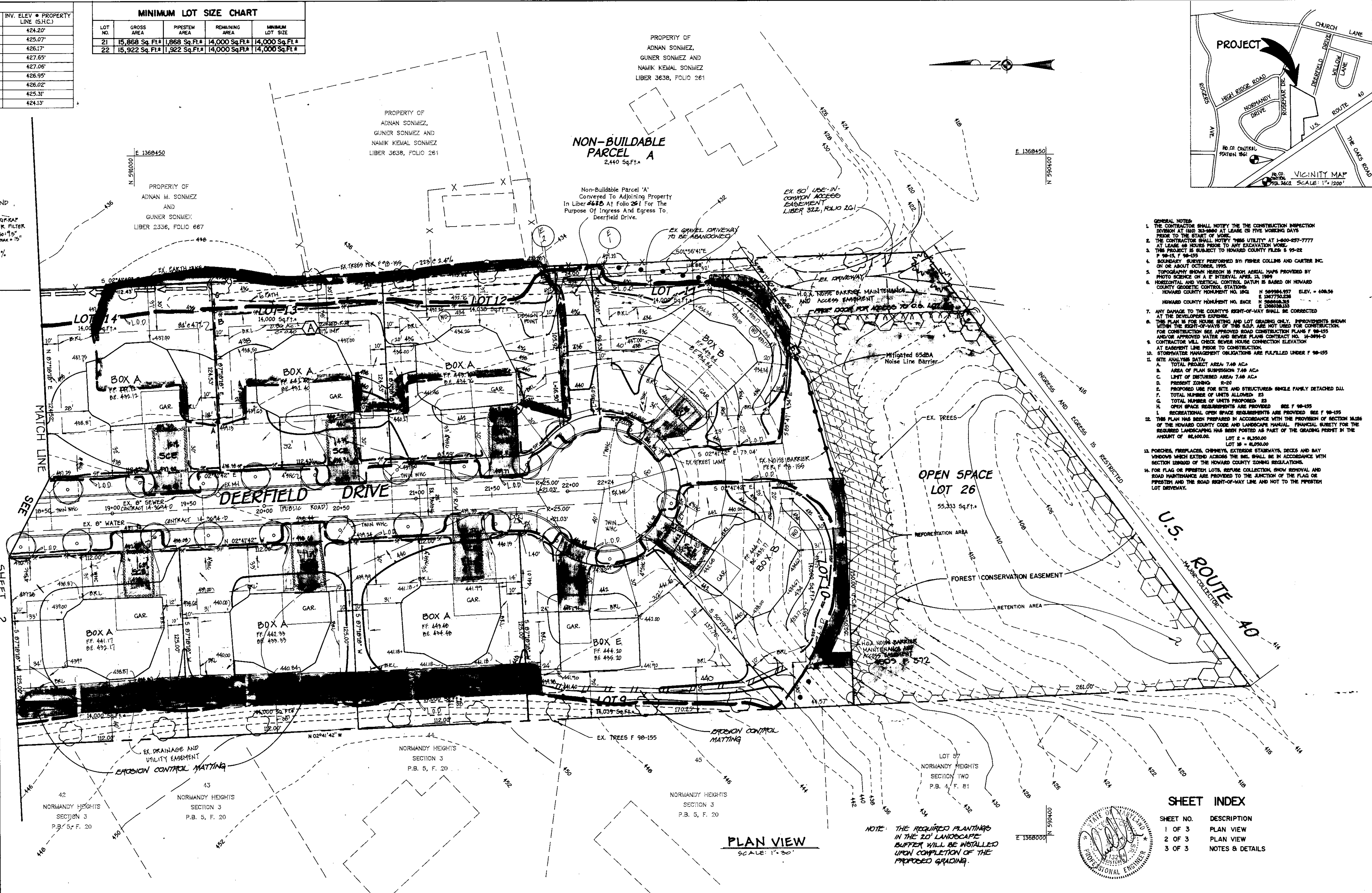
MINIMUM LOT SIZE CHART				
LOT NO.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	MINIMUM LOT SIZE
21	15,868 Sq. Ft. #	1,868 Sq. Ft. #	14,000 Sq. Ft. #	14,000 Sq. Ft. #
22	15,922 Sq. Ft. #	1,922 Sq. Ft. #	14,000 Sq. Ft. #	14,000 Sq. Ft. #



REVISIONS	
1	2-24-99 REV. BOX FOOTPRINT ALL LOTS
2	7-9-99 REV. FOOTPRINT LOT 16
3	7-21-99 REV. FOOTPRINT LOT 23



LEGEND	
Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
+ 624	Spot Elevation
-SF-	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
⊙	Proposed Walkout
⊙	Earth Dike
-X-X-	Tree Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(A)	Existing Street Tree



- GENERAL NOTES**
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 325-8800 AT LEAST 48 HOURS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY THE UTILITY AT 1-800-857-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  - THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES # 95-22 P 98-15, P 98-153
  - BOUNDARY SURVEY PERFORMED BY FISHER COLLINS AND CARTER INC. ON OR ABOUT OCTOBER, 1995.
  - TOPOGRAPHY FROM HEREON IS FROM AERIAL MAPS PROVIDED BY PHOTO SCIENCE ON A 2' INTERVAL APRIL 13, 1994.
  - HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS.
  - HOWARD COUNTY RECORD NO. 842 E 509944.957 ELEV. = 408.54 E 1367750.238 E 509944.916 E 1366281.333 E 509944.916
  - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  - THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHT-OF-WAY OF THE ROAD ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS F 98-155 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-0099-D. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  - STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F 98-155.
  - SITE ANALYSIS DATA:
    - A. TOTAL PROJECT AREA 7.49 AC.
    - B. AREA OF PLAN SUBMISSION 7.49 AC.
    - C. LIMIT OF DISTURBED AREA 7.49 AC.
    - D. PRESENT ZONING R-20
    - E. PROPOSED USE FOR SITE AND STRUCTURES SINGLE FAMILY DETACHED D.U.
    - F. TOTAL NUMBER OF UNITS ALLOWED 23
    - G. TOTAL NUMBER OF UNITS PROPOSED 23
    - H. OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F 98-155
    - I. ADDITIONAL OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F 98-155
  - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISION OF SECTION 16.02 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$6,000.00. LOT # = 41,000.00 LOT # = 41,000.00
  - PORCHES, FIREPLACES, CHIMNEYS, EXTERIOR STAIRWAYS, DECKS AND BAY WINDOWS WHICH EXTEND ACROSS THE B.L. SHALL BE IN ACCORDANCE WITH SECTION 16.02 OF THE HOWARD COUNTY ZONING REGULATIONS.
  - FOR FLAG OR PREFERRED LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PREFERRED AND THE ROAD RIGHT-OF-WAY LINE AND NOT TO THE PREFERRED LOT DRIVEWAY.

SHEET INDEX	
SHEET NO.	DESCRIPTION
1 OF 3	PLAN VIEW
2 OF 3	PLAN VIEW
3 OF 3	NOTES & DETAILS

**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL FREE  
 ELICOTT CITY, MARYLAND 21117  
 410.462-3955

**DEVELOPER'S / BUILDER'S CERTIFICATE**

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

*John Wolf*  
 DATE 12-7-98

**ENGINEER'S CERTIFICATE**

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.

*John Wolf*  
 Signature of Engineer (Print name below signature) 12/7/98  
 Date

**DEVELOPER'S CERTIFICATE**

I/WE certify that all development and construction will be done according to this plan, and that any 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.

*John Wolf*  
 Signature of Developer (Print name below signature) 12-7-98  
 Date

Reviewed for HOWARD SCD and meets Technical Requirements.

*Clayton Simmons* 12/15/98  
 U.S.D.A.-NRCS Resources Conservation Service  
 Date

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

*John R. Robertson* 12/15/98  
 HOWARD SCD  
 Date

**OWNER AND DEVELOPER**

DORSET FAMILY HOMES  
 7912 GYVESGAMBE DRIVE  
 ELICOTT CITY, MARYLAND 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*John R. Robertson* 12/22/98  
 Director - Department of Planning and Zoning  
 Date

*Cindy Hamilton* 12/22/98  
 Chief, Division of Land Development  
 Date

*John Wolf* 12/17/98  
 Chief, Development Engineering Division  
 Date

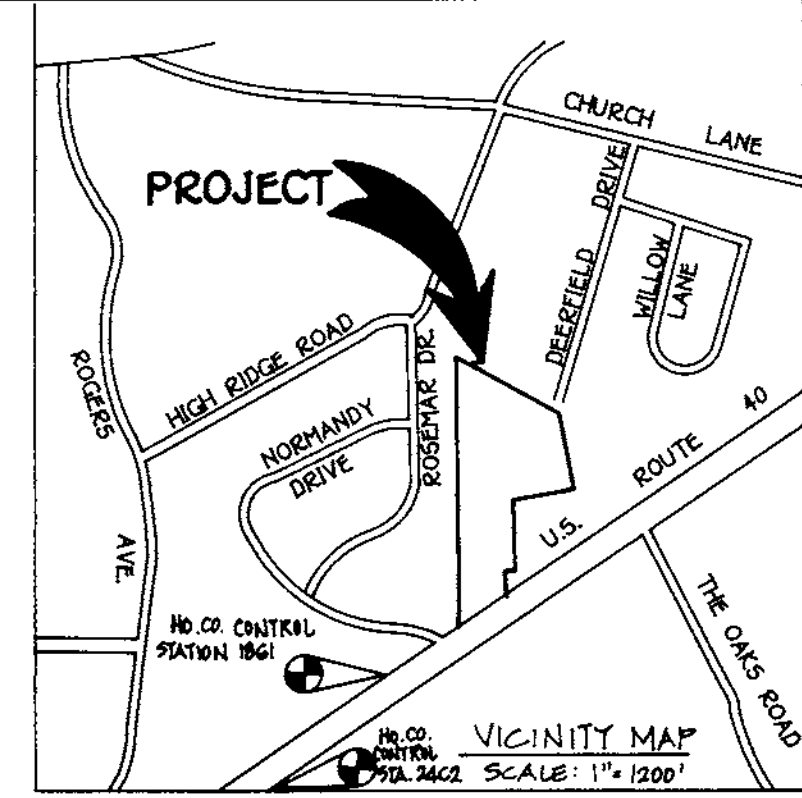
SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 B PARCEL 'A'
PLAT NO.	BLOCK NO.	ZONE
19394-19394	19	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
1B	SECOND	6026
WATER CODE	SEWER CODE	
HOI	1451500	

**SITE DEVELOPMENT PLAN**  
**PLAN VIEW**

**SPRING RIDGE**  
 LOTS 1-23 & NON-BUILDABLE PARCEL 'A'

TAX MAP NO: 18 PARCEL: 76 AND P/O 56  
 SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 SCALE: AS SHOWN DATE: SEPTEMBER, 1998

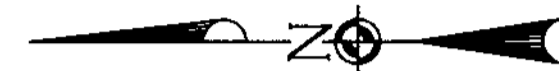
SHEET 1 OF 3



LOT INFORMATION			
LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. • PROPERTY LINE (S.H.C.)
1	8511 SPRINGWAY ROAD	424.0'	419.79'
2	8501 SPRINGWAY ROAD	421.6'	416.41'
3	1248 DEERFIELD DRIVE	425.1'	419.64'
4	1262 DEERFIELD DRIVE	427.0'	421.76'
5	1266 DEERFIELD DRIVE	428.5'	423.51'
15	1263 DEERFIELD DRIVE	428.4'	423.31'
16	1264 DEERFIELD DRIVE	423.6'	418.43'
17	1262 DEERFIELD DRIVE	409.0'	402.75'
18	1240 DEERFIELD DRIVE	413.5'	408.54'
19	8544 SPRINGWAY ROAD	424.1'	418.96'
20	8500 SPRINGWAY ROAD	424.4'	419.48'
21	8512 SPRINGWAY ROAD	428.4'	420.07'
22	8516 SPRINGWAY ROAD	428.8'	420.28'
23	8520 SPRINGWAY ROAD	432.0'	426.76'

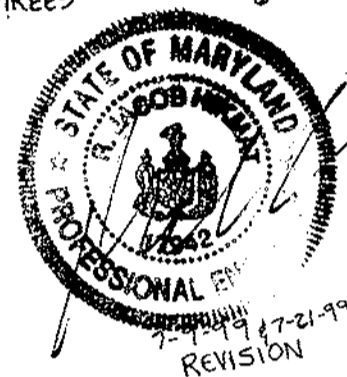
**SCHEDULE A - PERIMETER LANDSCAPE EDGE CATEGORY**

LANDSCAPE TYPE	LANDSCAPE SCHEDULE TYPE
LINEAR FEET ROADWAY	B
NUMBER PLANTS REQUIRED	219.81
SHADE TREES	9
EVERGREEN TREES	6
NUMBER PLANTS PROVIDED	9
SHADE TREES	6
EVERGREEN TREES	6



LANDSCAPE SCHEDULE TYPE

- GLEPITONIA TRIACANTHOS (NE KMIS SHADEMASTER/ SHADEMASTER THORNLESS HONEYLOCUST NUMBER 9)
- PINUS STROBUS EASTERN WHITE PINE NUMBER 9

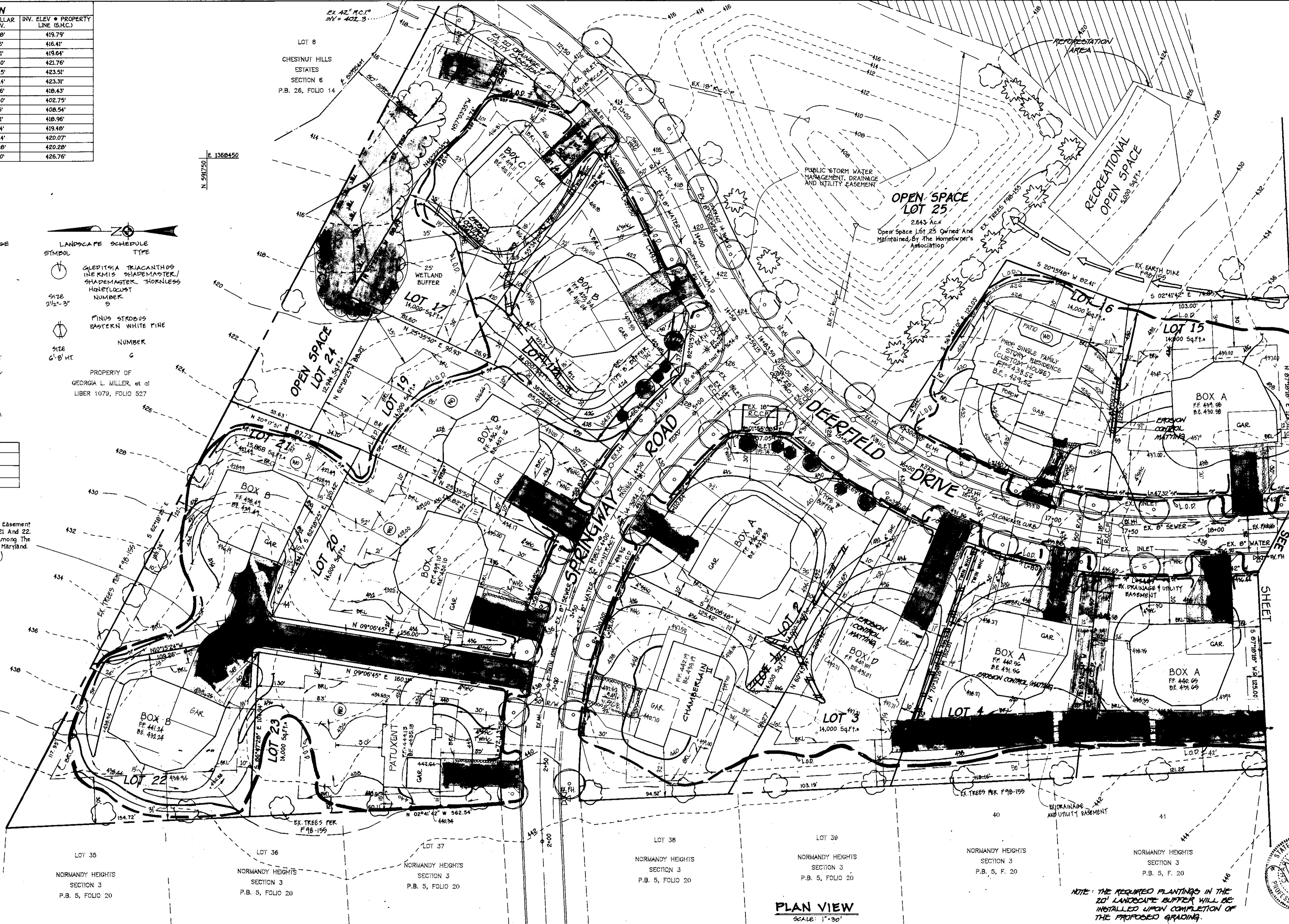


PROPERTY OF  
GEORGIA L. MILLER, et al  
LIBER 1079, FOLIO 527

REVISIONS	
1-25-99	REV. BOX FOOTPRINTS ALL LOTS
7-9-99	REV. FOOTPRINT LOT 16
7-21-99	REV. FOOTPRINT LOT 23

Private 24' Use-In-Common Access Easement For the Use And Benefit of Lots 21 And 22 Maintenance Agreement Recorded Among The Land Records Of Howard County, Maryland (LIBER 4503, FOLIO 342.)

Symbol	Description
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
+ 034	Spot Elevation
- 9'	Gilt Fence
FF	First Floor Elevation
BE	Basement Elevation
(W)	Proposed Walkout
---	Earth Dike
---	Tire Protection
---	Existing Tree Line
L.O.D.	Limit of Disturbance
(S)	Existing Street Tree



**PLAN VIEW**  
SCALE: 1"=30'

NOTE: THE REQUIRED PLANTINGS IN THE 20' LANDSCAPE BUFFER WILL BE INSTALLED UPON COMPLETION OF THE PROPOSED GRADING.



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CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
CENTRAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE  
ELLSWORTH CITY, MARYLAND 21117  
410.481.2855

**ENGINEER'S CERTIFICATE**  
"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."  
Signature of Engineer (Print name below signature) *John J. Miller* Date *12/1/98*

**DEVELOPER'S CERTIFICATE**  
"I/We certify that all development and construction will be done according to this plan, and that any 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."  
Signature of Developer (Print name below signature) *John J. Miller* Date *12-1-98*

Reviewed for H.M.C.D. and meets Technical Requirements.  
*John J. Miller* 12/1/98 Date  
U.S.D.A.-N.R.S. Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*John J. Miller* 12/1/98 Date  
Howard SCD

**OWNER AND DEVELOPER**  
DORSEY FAMILY HOMES  
9326 CITRENSA WOOD DRIVE  
ELLSWORTH CITY, MD 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*John J. Miller* 12/22/98 Date  
Director, Department of Planning and Zoning  
*John J. Miller* 12/21/98 Date  
Chief, Division of Land Development  
*John J. Miller* 12/17/98 Date  
Chief, Development Engineering Division

SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 & PARCEL 'A'
PLAT NO.	BLOCK NO.	ZONE
13244-13316	19	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
1B	SECOND	6026
WATER CODE	SEWER CODE	
HOI	1451500	

**SITE DEVELOPMENT PLAN**  
**PLAN VIEW**

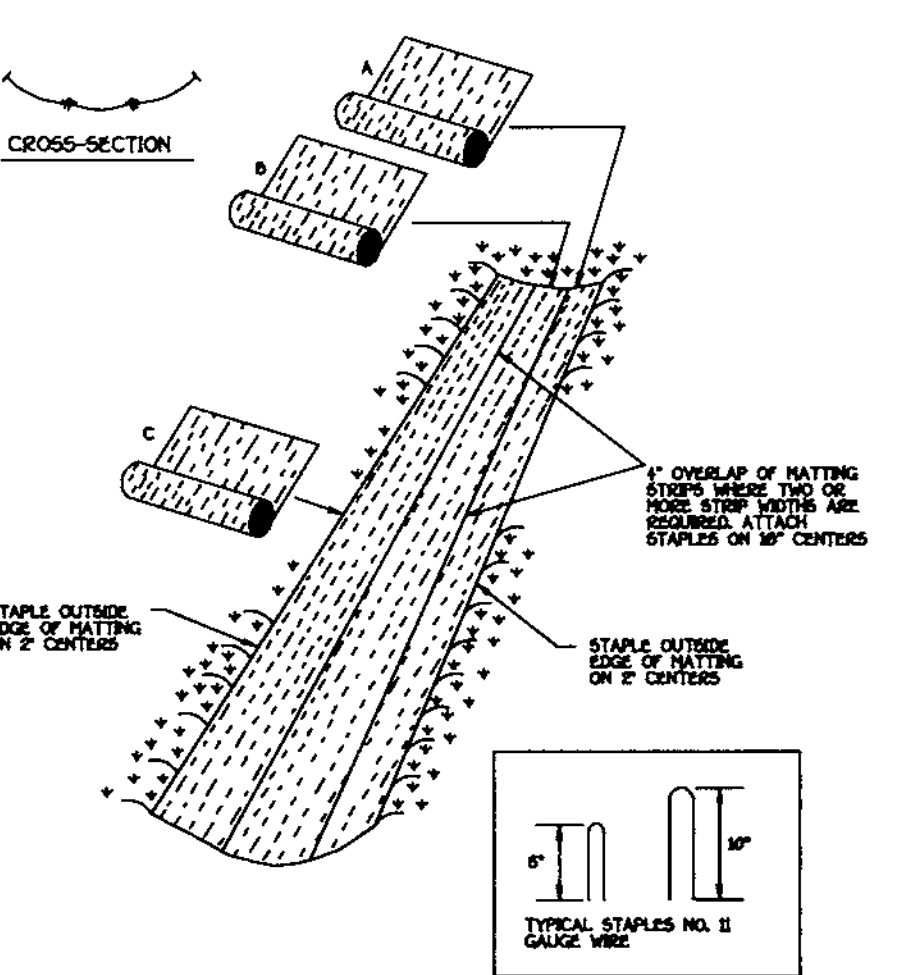
**SPRING RIDGE**  
**LOTS 1-23 & NON-BUILDABLE PARCEL 'A'**

TAX MAP No: 18 PARCEL: 76 AND P/O 56  
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: SEPTEMBER, 1998

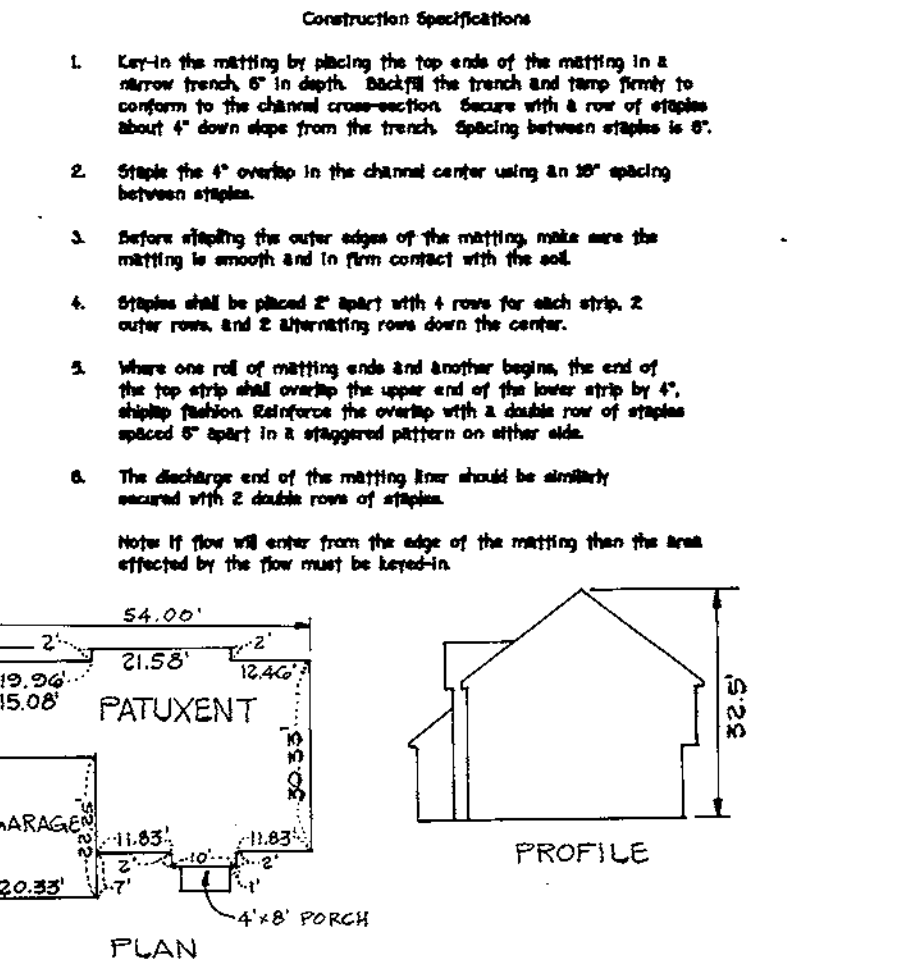
SHEET 2 OF 3  
S.D.P. 99-34



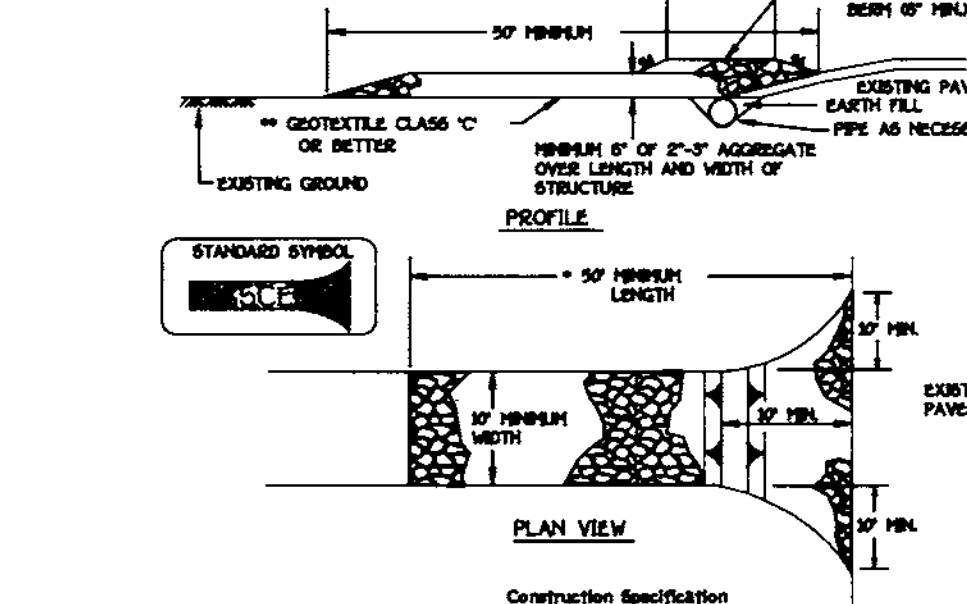
**EROSION CONTROL MATTING**



**EROSION CONTROL MATTING**

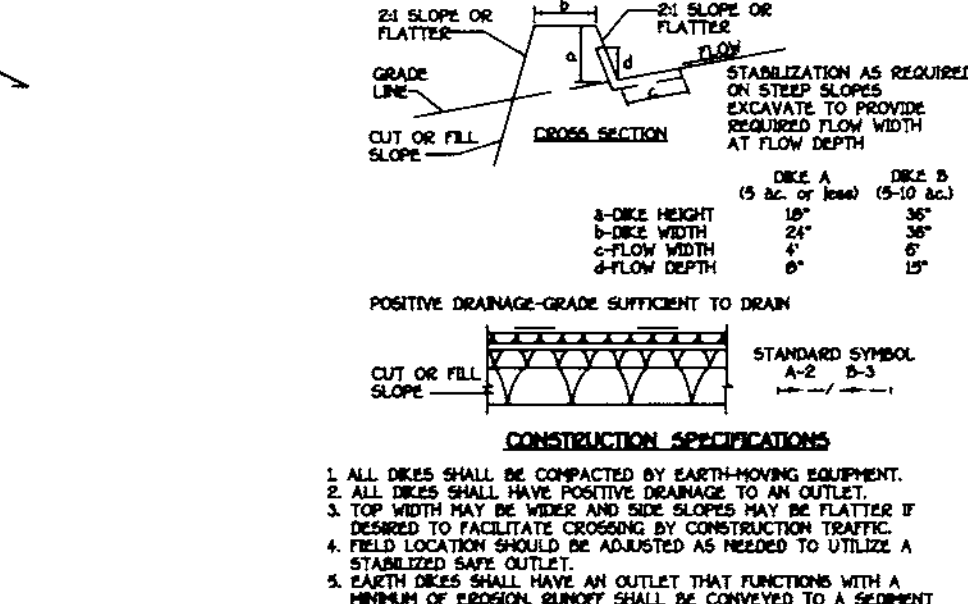


**STABILIZED CONSTRUCTION ENTRANCE**



- Construction Specifications**
- Length - minimum of 30' (50' for single residence lot).
  - Width - 10' minimum, should be placed at the center of the driveway.
  - Concrete curb (if used) shall be placed on the existing ground prior to placing matting. The curb approval authority may not require single family residences to use concrete.
  - Staples - crushed aggregate 1/2" to 3/4" or reclaimed or recycled concrete aggregate shall be placed at least 2" deep over the length and width of the entrance.
  - Surface Water - all surface water flowing to or diverted toward construction entrance shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a removable berm with 24 staples and a minimum of 6" of stone over the pipe. Pipe shall be placed according to the drainage. When the pipe is located at a high point and has no drainage to convey it, pipe will not be necessary. Pipe should be used according to the amount of runoff to be conveyed. A 6" minimum will be required.
  - Location - A stabilized construction entrance shall be placed on the lot where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

**EARTH DIKE**



- Construction Specifications**
- All dikes shall be compacted by earth-moving equipment.
  - All dikes shall have positive drainage to an outlet.
  - Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction traffic.
  - Field location should be adjusted as needed to utilize a stabilized safe outlet.
  - Earth dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment basin or other approved outlet.
  - Stabilization shall be in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, or flow channel, as for the chart below.

**SEQUENCE OF CONSTRUCTION**

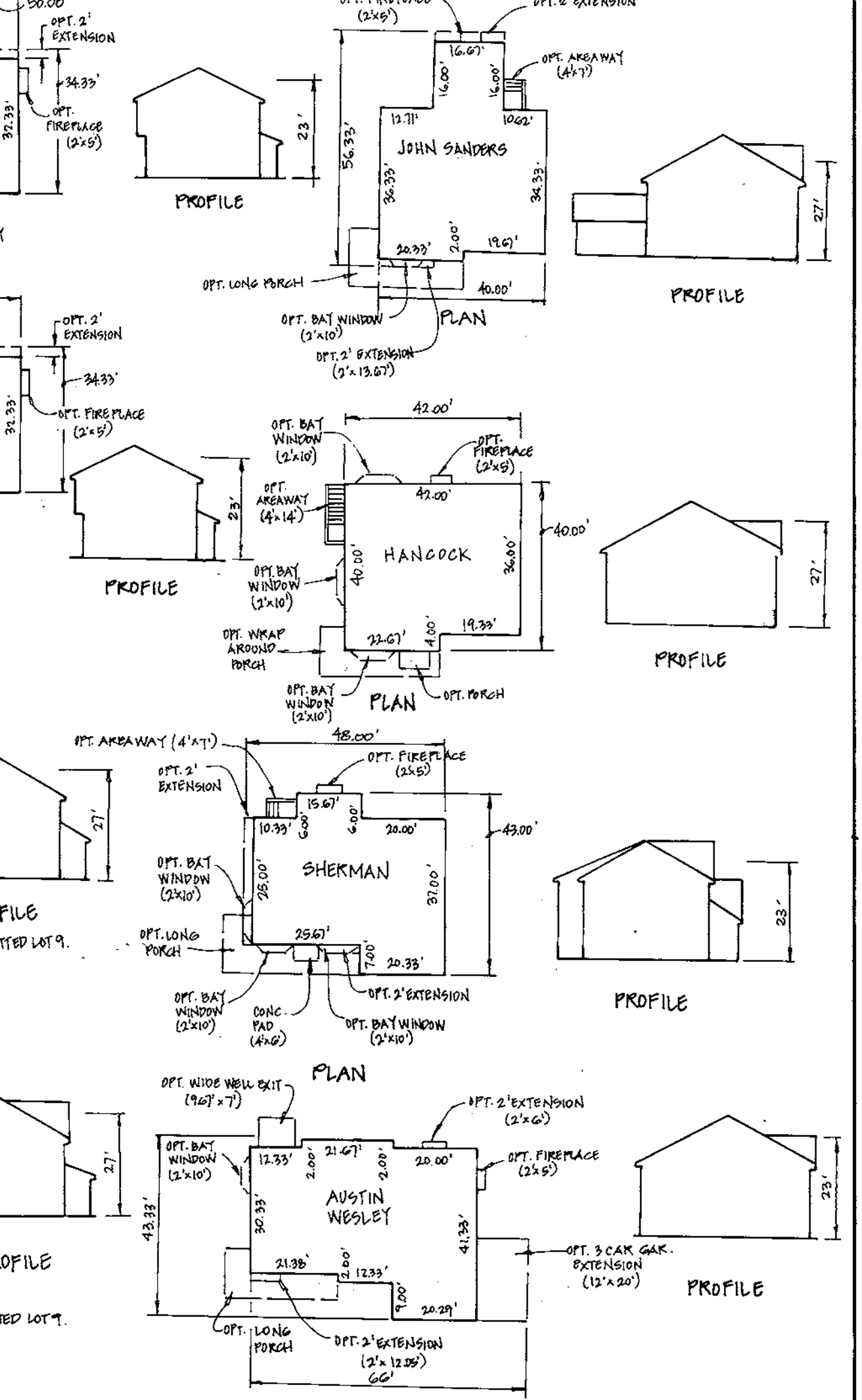
- OBTAIN GRADING PERMITS.
- RE-SHAPE EXISTING TERRAIN AND EROSION CONTROL.
- INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN (14 DAYS).
- CLEAR AND GRUB SITE TO LIMITS OF DISTURBANCE. (1 DAY PER DWELLING).
- EXCAVATE FOR FOUNDATION AND ROUGH GRADE LOT.
- DAY PER DWELLING.
- PREPARE LOT AND INSTALL DRIVEWAYS AND SIDEWALKS. (2 DAYS PER DWELLING).
- INSTALL PERMANENT SEEDING AND LANDSCAPING. (2 DAYS PER DWELLING).
- REMOVE SEDIMENT CONTROL DEVICES AS PERMISSION IS GRANTED BY SEDIMENT CONTROL INSPECTOR AND UPLAND AREAS HAVE BEEN STABILIZED.

**SEDIMENT CONTROL NOTES**

- A PERMITS FOR 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LOCATIONS AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION AND MUST BE IN CONFORMANCE WITH THE PROVISIONS OF THIS PLAN AND AS TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE INSTALLED WITHIN 30 DAYS.
- ALL AREAS OF SOIL DISTURBANCE OR RE-DISTURBANCE SHALL BE STABILIZED WITHIN 30 DAYS OF THE DATE OF DISTURBANCE OR RE-DISTURBANCE.
- ALL SEDIMENT CONTROL STRUCTURES SHALL BE MAINTAINED IN PLACE AND TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR SOIL EROSION AND SEDIMENT CONTROL ARE OBTAINED FROM THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LOCATIONS AND PERMITS.
- ALL SEDIMENT CONTROL STRUCTURES SHALL BE MAINTAINED IN PLACE AND TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR SOIL EROSION AND SEDIMENT CONTROL ARE OBTAINED FROM THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LOCATIONS AND PERMITS.

**PERMANENT SEEDING NOTES**

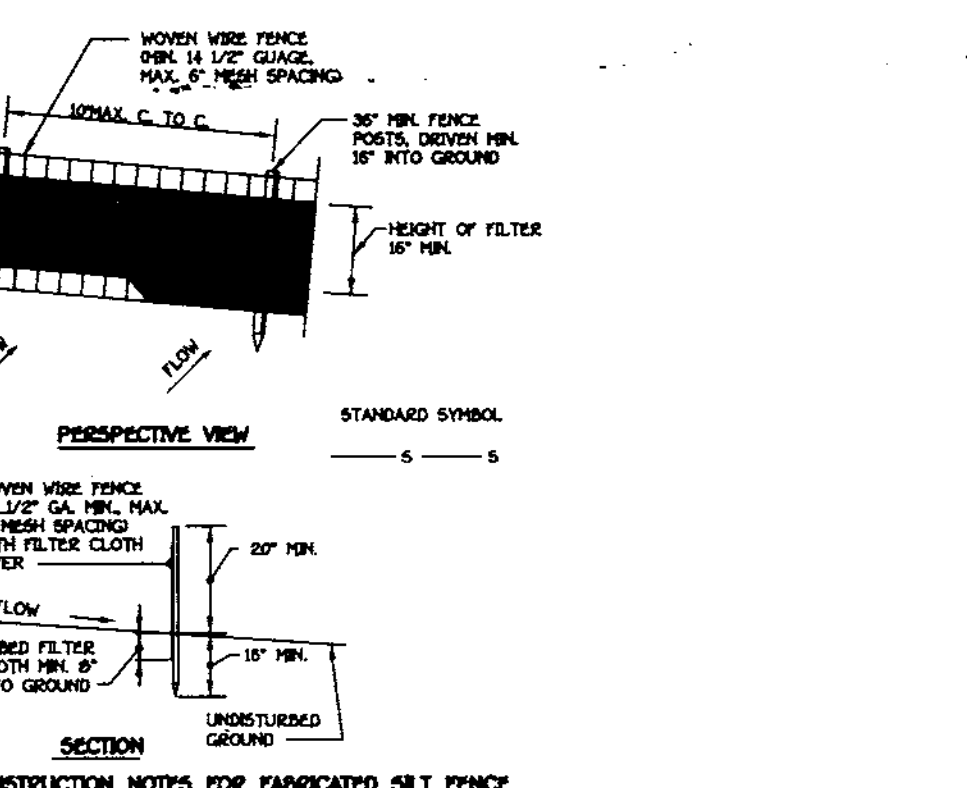
- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SEEDING: APPLY 1 TO 2 TONS PER ACRE (80 TO 90 LBS./1000 SQ.FT.) OF UNIMPROVED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHORING TOOL OR 250 GALLONS PER ACRE OF GALVALUMATED ASPHALT ON FLAT AREAS OR GALVALUMATED ASPHALT OR 340 GALLONS PER ACRE OF GALVALUMATED ASPHALT FOR ANCHORING.
- SEEDING: APPLY 1 TO 2 TONS PER ACRE (80 TO 90 LBS./1000 SQ.FT.) OF UNIMPROVED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHORING TOOL OR 250 GALLONS PER ACRE OF GALVALUMATED ASPHALT ON FLAT AREAS OR GALVALUMATED ASPHALT OR 340 GALLONS PER ACRE OF GALVALUMATED ASPHALT FOR ANCHORING.



**TEMPORARY SEEDING NOTES**

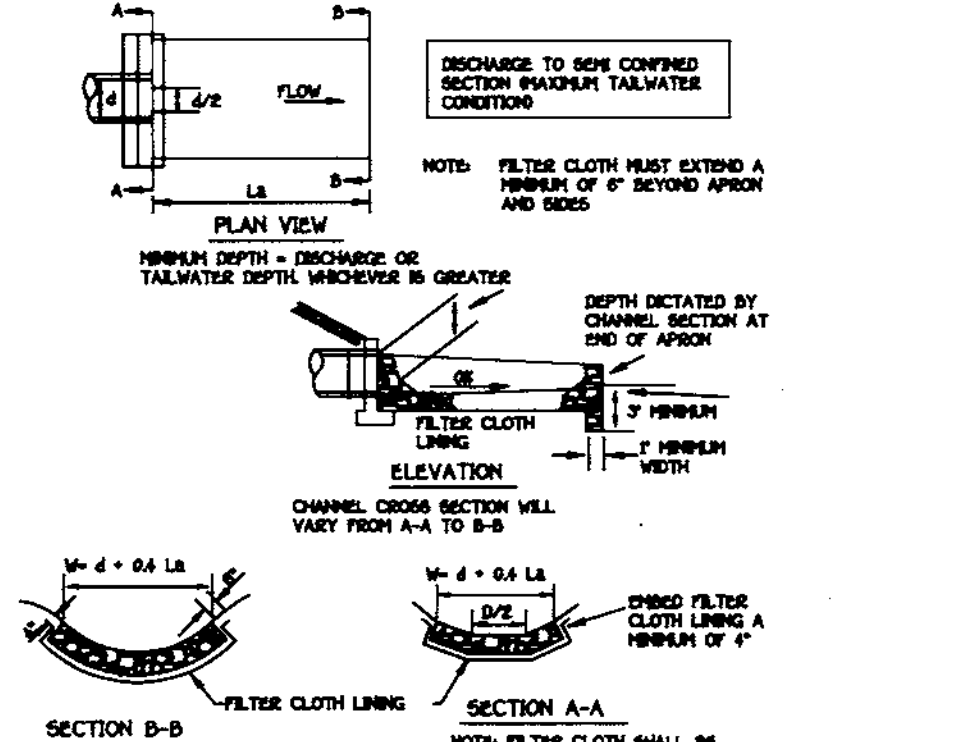
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM TEMPORARY COVER IS NEEDED.
- SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: APPLY 500 LBS. PER ACRE 10-10-10 FERTILIZER OR LBS./1000 SQ.FT.
- SEEDING: APPLY 1 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNIMPROVED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHORING TOOL OR 250 GALLONS PER ACRE OF GALVALUMATED ASPHALT ON FLAT AREAS OR GALVALUMATED ASPHALT OR 340 GALLONS PER ACRE OF GALVALUMATED ASPHALT FOR ANCHORING.

**SILT FENCE**

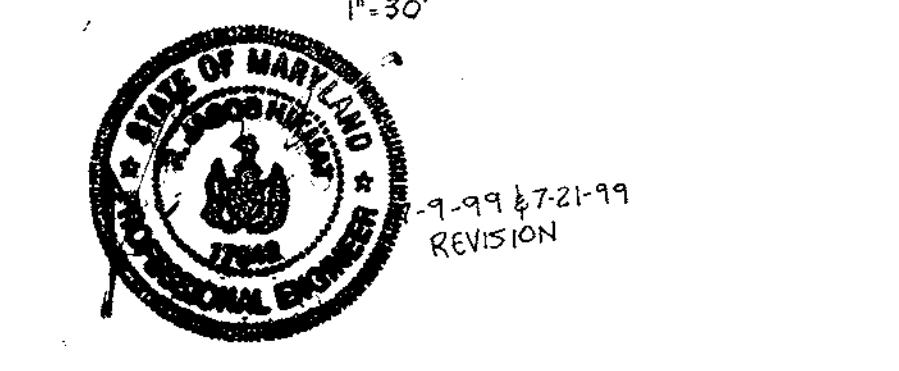


- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
  - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH THIS SPACED EVERY 24" AT TOP AND MID SECTION.
  - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIALS REMOVED WHEN "TADPOLE" DEVELOPS IN THE SILT FENCE.

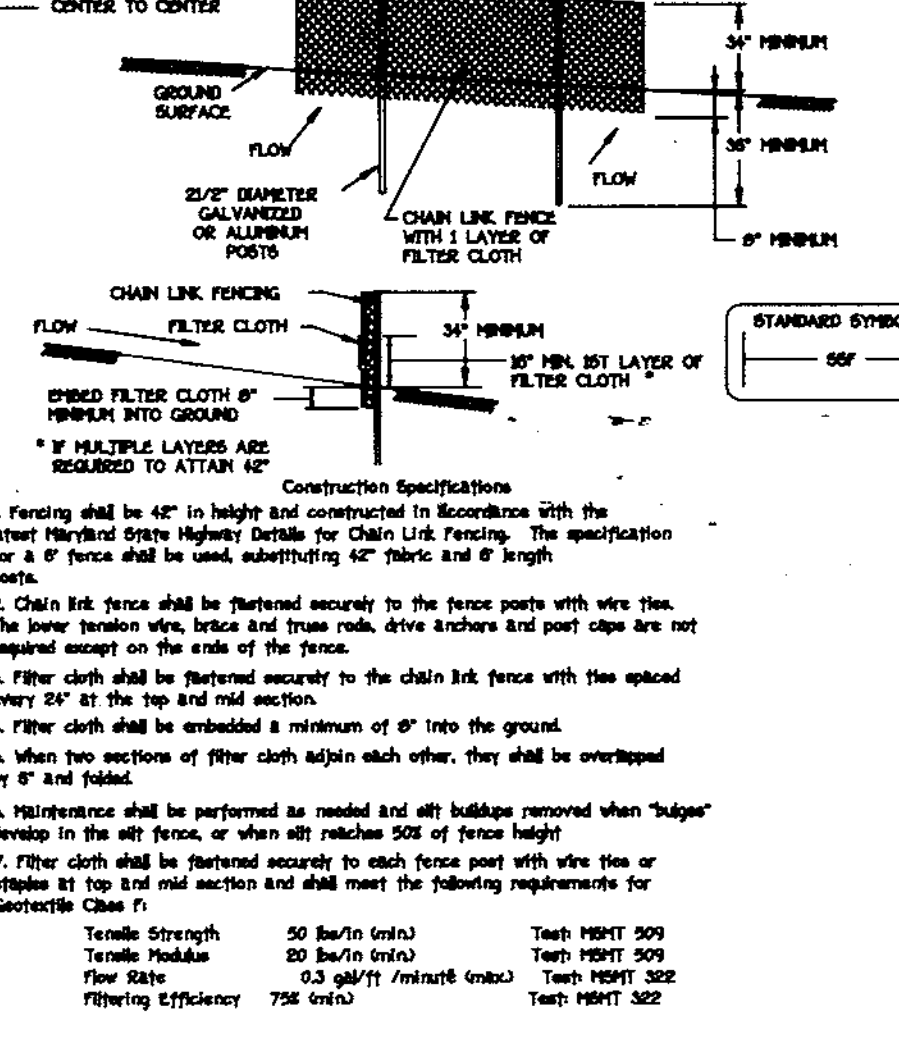
**DETAIL 25 - ROCK OUTLET PROTECTION I**



- CONSTRUCTION SPECIFICATIONS**
- The substrate for the filter, rip-rap, or gabion shall be prepared to the required line and grade. Any fill required in the substrate shall be compacted to a density approximately that of the surrounding undisturbed material.
  - The rock or gravel shall conform to the specified grading limits when installed respectively in the fabric or pipe.
  - Gabion shall be protected from puncturing, cutting, or tearing. Any damage other than an occasional small hole shall be repaired by filling another piece of gabion over the damaged part or by completely replacing the gabion. All gabions shall be placed in a manner to prevent damage to the filter fabric or gabion.
  - Staples shall be placed in a manner to prevent damage to the filter fabric or gabion.
  - The stone shall be placed so that it lands in or on the filter fabric or gabion.
  - If the inlet is not in a ramp, construct a compacted earth dike across the dike directly below it. The top of the earth dike shall be at least 6" higher than the top of the filter.
  - The structure must be inspected periodically and after each rain and the gabion replaced when it becomes clogged.

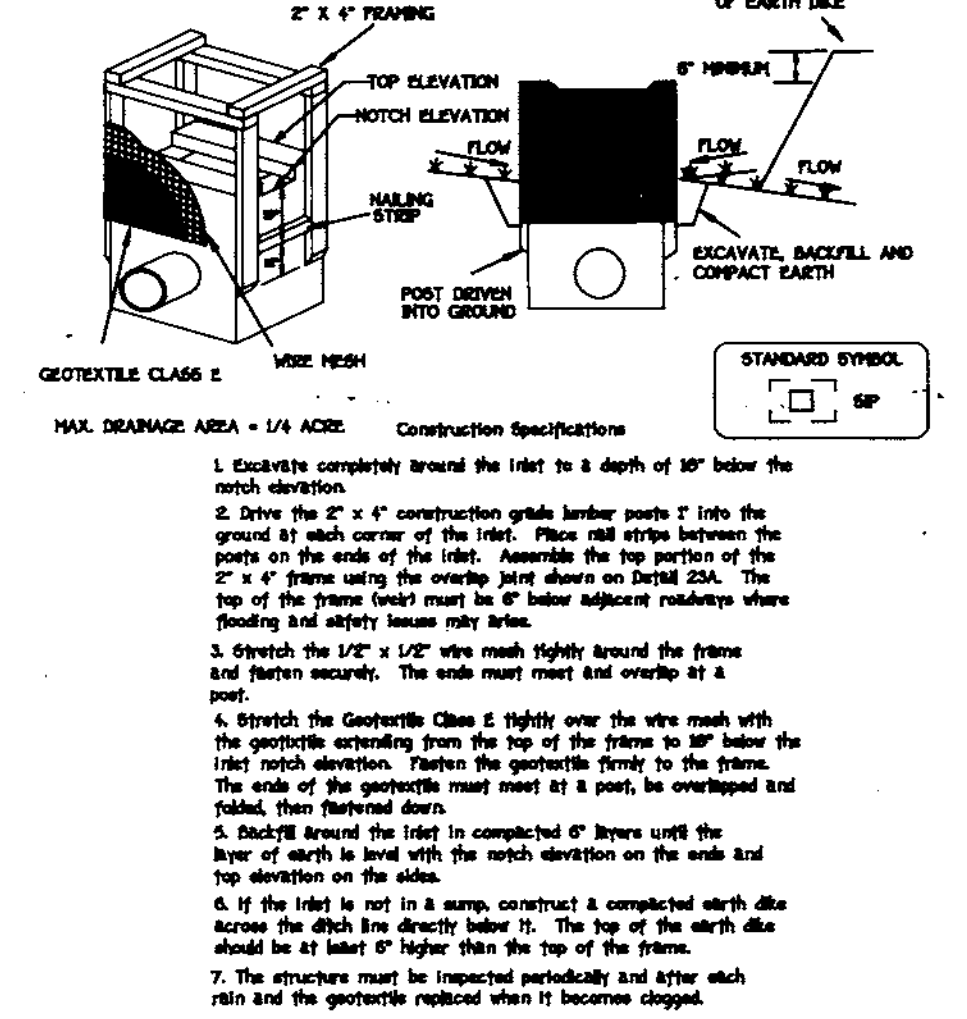


**SUPER SILT FENCE**



**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK • 8072 BALTIMORE NATIONAL PIKE  
 ELICOTT CITY, MARYLAND 21042  
 (410) 481-2899

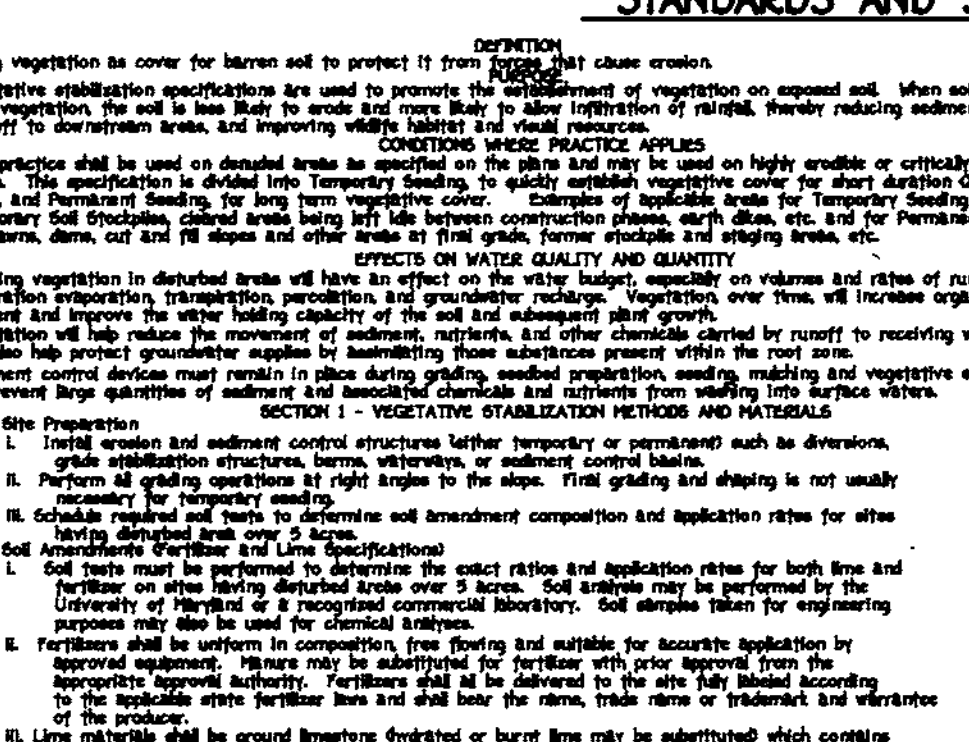
**STANDARD INLET PROTECTION**



**CONSTRUCTION SPECIFICATIONS**

- Excavate completely around the inlet to a depth of 18" below the ground elevation.
- Place the 2' x 4' framing construction grade lumber posts 7" into the ground at each corner of the inlet. Place steel struts between the posts on the ends of the inlet. Assemble the top portion of the top of the frame (post) must be at least 1/2" above the ground surface.
- Excavate the 1/2" x 1/2" wire mesh tightly around the frame and secure the wire mesh.
- Stretch the Geotextile Cloth 2" tightly over the wire mesh with the geotextile extending from the top of the frame to 18" below the inlet notch elevation. Fasten the geotextile firmly to the frame. The ends of the geotextile must meet at a point, be overlapped and folded.
- Stretch the geotextile 1/2" in a manner to prevent damage to the filter fabric or gabion.
- Place the 1/2" x 1/2" wire mesh tightly around the frame and secure the wire mesh.
- Place the 1/2" x 1/2" wire mesh tightly around the frame and secure the wire mesh.
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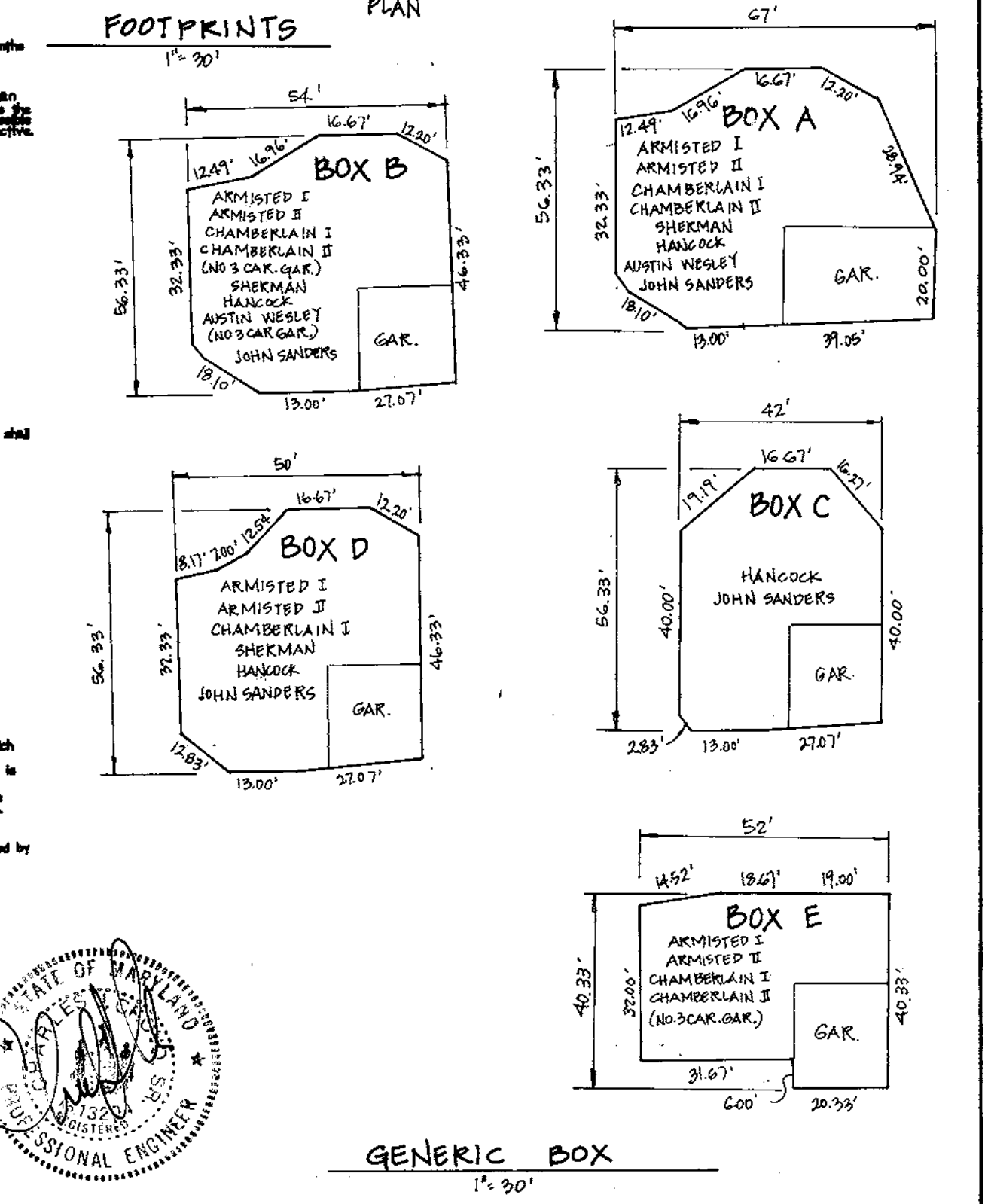
**SEQUENCE OF CONSTRUCTION**



- CONSTRUCTION SPECIFICATIONS**
- The substrate for the filter, rip-rap, or gabion shall be prepared to the required line and grade. Any fill required in the substrate shall be compacted to a density approximately that of the surrounding undisturbed material.
  - The rock or gravel shall conform to the specified grading limits when installed respectively in the fabric or pipe.
  - Gabion shall be protected from puncturing, cutting, or tearing. Any damage other than an occasional small hole shall be repaired by filling another piece of gabion over the damaged part or by completely replacing the gabion. All gabions shall be placed in a manner to prevent damage to the filter fabric or gabion.
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  - The structure must be inspected periodically and after each rain and the gabion replaced when it becomes clogged.

**STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION**

- Soil Specifications: All soil shall be subject to testing in a laboratory to determine the soil's ability to support vegetation. The soil's ability to support vegetation shall be determined by the following factors: soil texture, soil color, soil pH, soil moisture, soil temperature, soil organic matter, soil nutrient content, and soil erosion potential.
- Planting Vegetation: Vegetation shall be planted in a manner to prevent damage to the filter fabric or gabion. The vegetation shall be planted in a manner to prevent damage to the filter fabric or gabion.
- Maintenance: Maintenance shall be performed as needed and materials removed when "tadpole" develops in the silt fence.



**ENGINEER'S CERTIFICATE**

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.

Signature of Engineer (Print name below signature) John Skofel Date 12/18/98

**DEVELOPER'S CERTIFICATE**

I/We certify that all development and construction will be done according to this plan, and that any 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.

Signature of Developer (Print name below signature) John Skofel Date 12-1-98

**REVISIONS**

NO.	DATE	DESCRIPTION
1-26-99		ADD NEW HOUSE TYPES AND BOXES
7-9-99		REV. FOOTPRINT LOT 16
7-21-99		ADD FOOTPRINT FOR PATUXENT MODEL

**APPROVED DEPARTMENT OF PLANNING AND ZONING**

Approved by: [Signature] Date 12/22/98  
 Director - Department of Planning and Zoning

Approved by: [Signature] Date 12/21/98  
 Chief, Division of Land Development

Approved by: [Signature] Date 12/17/98  
 Chief, Department Engineering Division

**SITE DEVELOPMENT PLAN NOTES AND DETAILS**

**SPRING RIDGE**

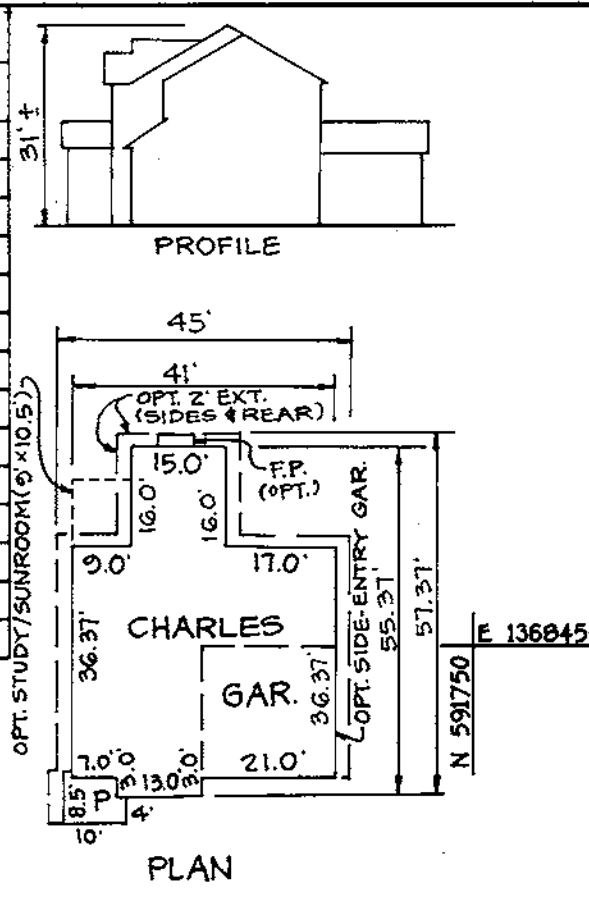
LOTS 1-23 & NON-BUILDABLE PARCEL 'A'

TAX MAP NO: 18 PARCEL: 76 AND P/O 56  
 SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 SCALE: AS SHOWN DATE: SEPTEMBER, 1998

SHEET 3 OF 3  
 S.D.P. 99-34

**LOT INFORMATION**

LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. PROPERTY LINE (S.H.C.)
1	0911 SPRINGWAY ROAD	424.8'	419.79'
2	0901 SPRINGWAY ROAD	421.6'	416.41'
3	1048 DEERFIELD DRIVE	425.1'	419.64'
4	1062 DEERFIELD DRIVE	427.0'	421.76'
5	1062 DEERFIELD DRIVE	420.5'	423.51'
15	1063 DEERFIELD DRIVE	420.4'	423.30'
16	1047 DEERFIELD DRIVE	423.6'	418.43'
17	1062 DEERFIELD DRIVE	408.0'	402.75'
18	1040 DEERFIELD DRIVE	413.5'	408.54'
19	0904 SPRINGWAY ROAD	424.1'	419.96'
20	0908 SPRINGWAY ROAD	424.4'	419.40'
21	0912 SPRINGWAY ROAD	420.4'	420.07'
22	0916 SPRINGWAY ROAD	420.8'	420.28'
23	0920 SPRINGWAY ROAD	432.0'	426.76'

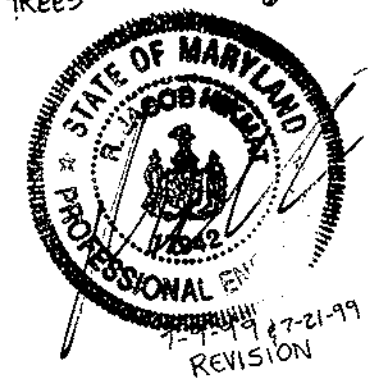


**SCHEDULE A - PERIMETER LANDSCAPE EDGE CATEGORY**

LANDSCAPE TYPE	LINEAR FEET ROADWAY	NUMBER PLANTS REQUIRED
SHADE TREES	219.81	5
EVERGREEN TREES		5
NUMBER PLANTS PROVIDED		5
SHADE TREES		5
EVERGREEN TREES		5

**LANDSCAPE SCHEDULE TYPE**

SYMBOL	TYPE	NUMBER
(Symbol)	GLADIOLUS TRIACANTHOS INEKEMIS SHADENMASTER/ SHADENMASTER THORNLESS HONEYLOCUST	5
(Symbol)	FINUS STRIDUS BASTERN WHITE PINE	5
(Symbol)	NUMBER	5



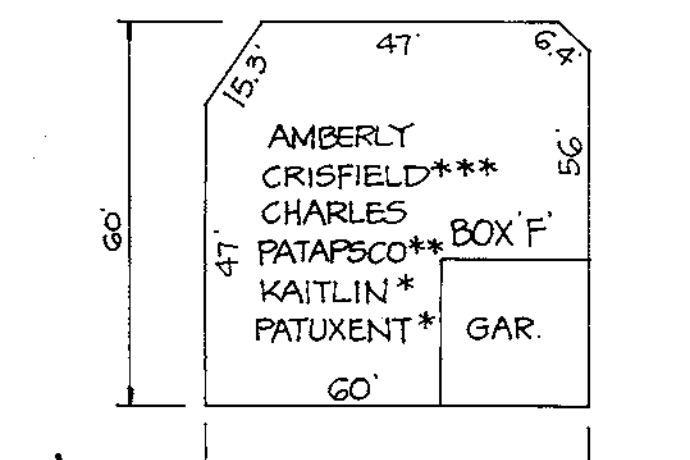
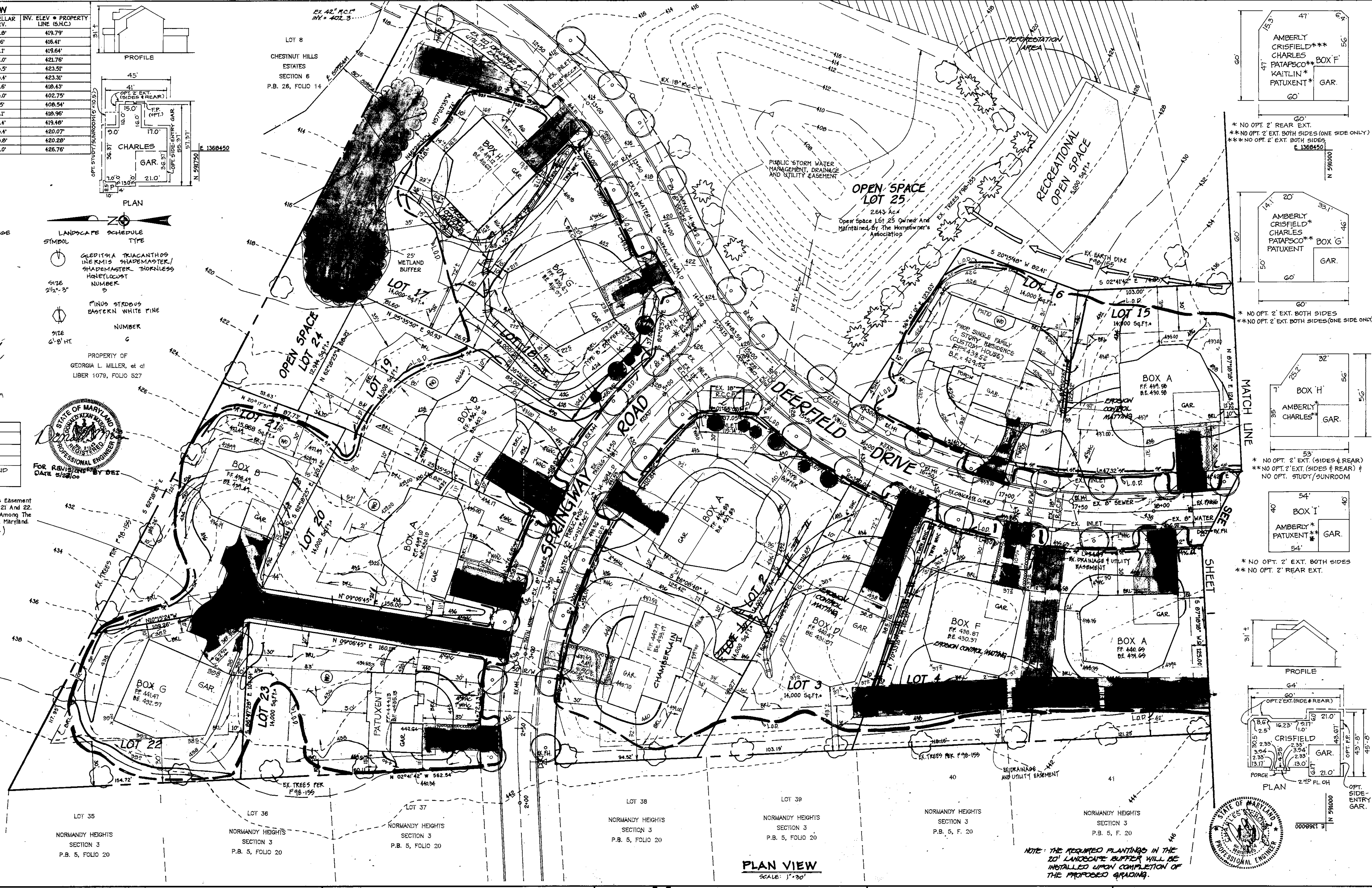
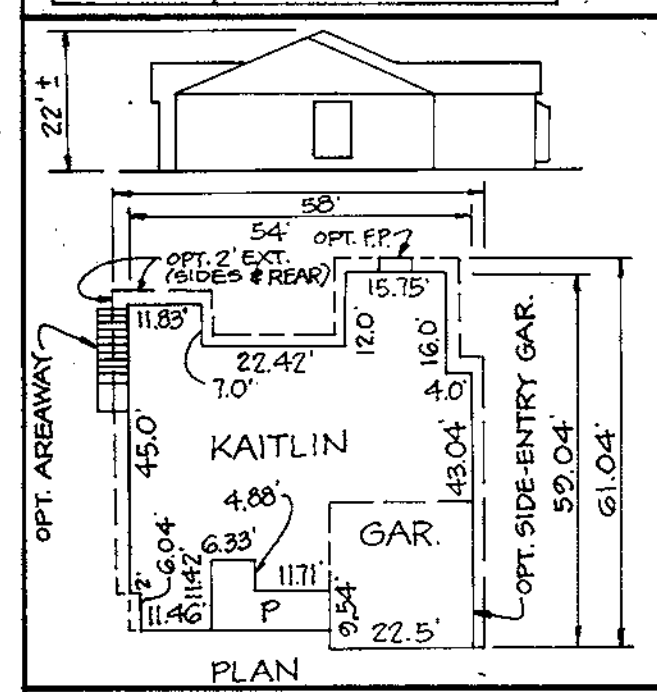
**REVISIONS**

1-25-11	REV. BOX FOOTPRINTS ALL LOTS
7-9-11	REV. FOOTPRINT LOT 16
7-21-11	REV. FOOTPRINT LOT 23
5-23-00	ADD BOXES 'F' - 'I', 5 HOUSE TYPES, AND LOTS 3, 4, 17, 18 & 22

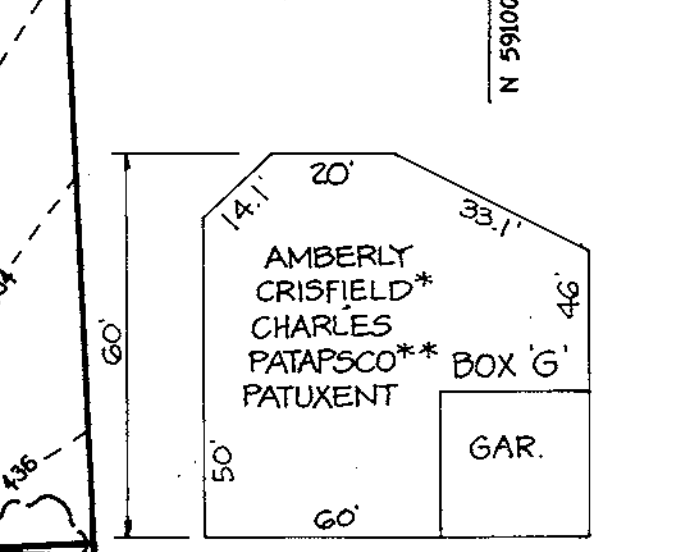
Private 24' Use-In-Common Access Easement For the Use and Benefit of Lots 21 And 22. Maintenance Agreement Recorded Among the Land Records of Howard County, Maryland. (LICR 4503, FOLIO 342.)

**LEGEND**

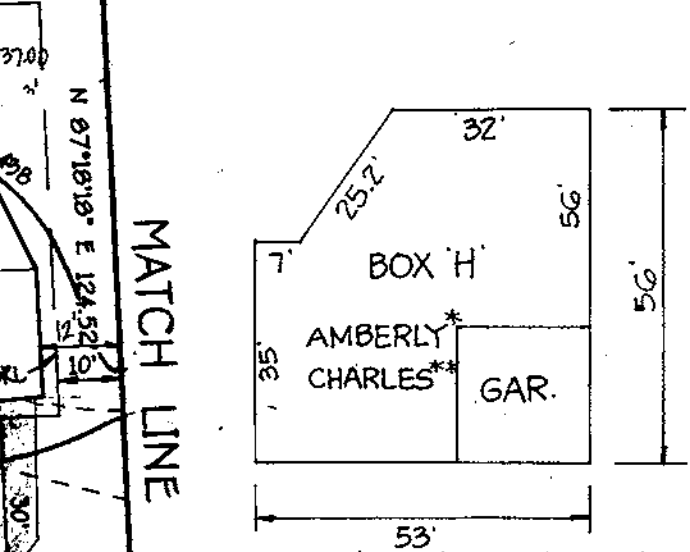
Symbol	Description
(Symbol)	Existing Contour 2' Interval
(Symbol)	Existing Contour 10' Interval
(Symbol)	Proposed Contour 2' Interval
(Symbol)	Proposed Contour 10' Interval
(Symbol)	Spot Elevation
(Symbol)	Grill Fence
(Symbol)	First Floor Elevation
(Symbol)	Basement Elevation
(Symbol)	Proposed Walkout
(Symbol)	Earth Dike
(Symbol)	Tree Protection
(Symbol)	Existing Tree Line
(Symbol)	Limit of Disturbance
(Symbol)	Existing Street Tree



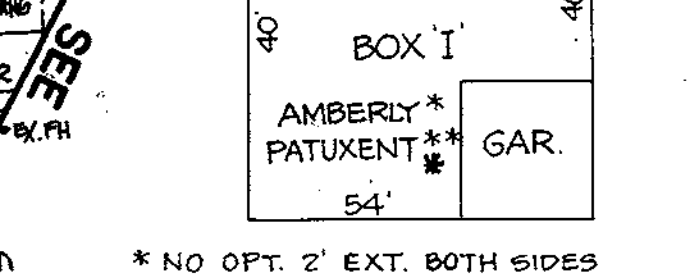
\* NO OPT. 2' REAR EXT.  
\*\* NO OPT. 2' EXT. BOTH SIDES (ONE SIDE ONLY)  
\*\*\* NO OPT. 2' EXT. BOTH SIDES



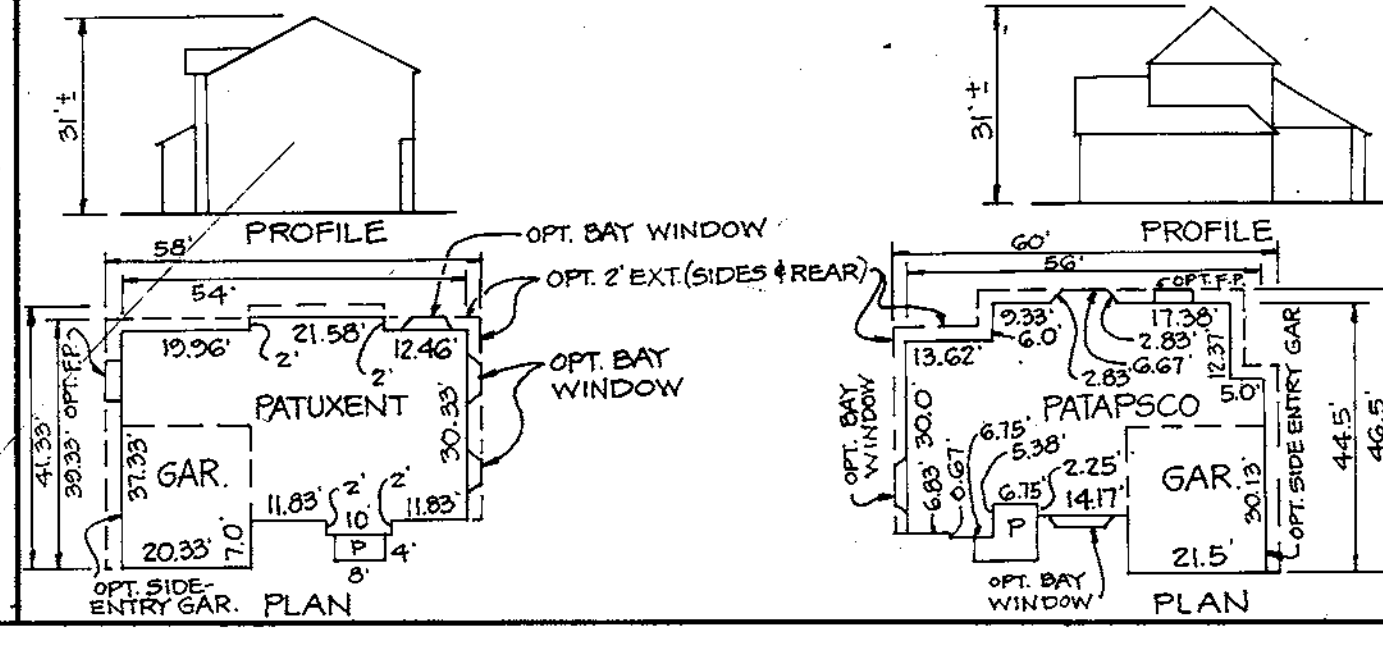
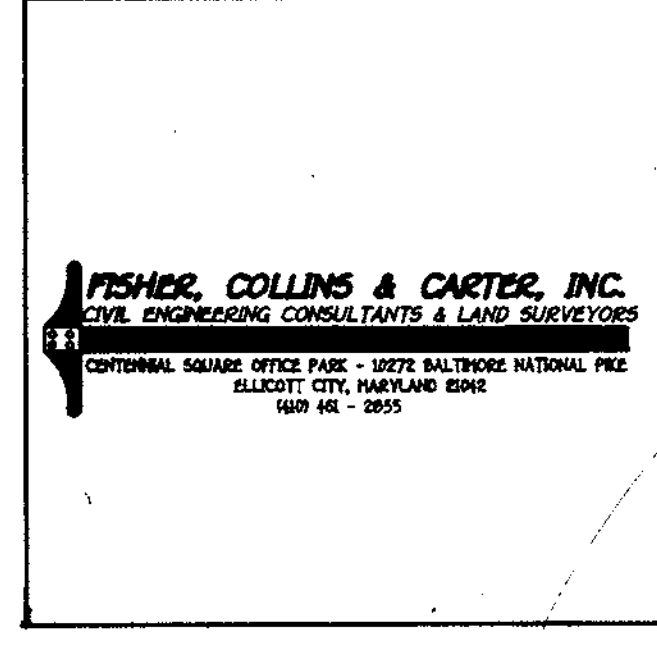
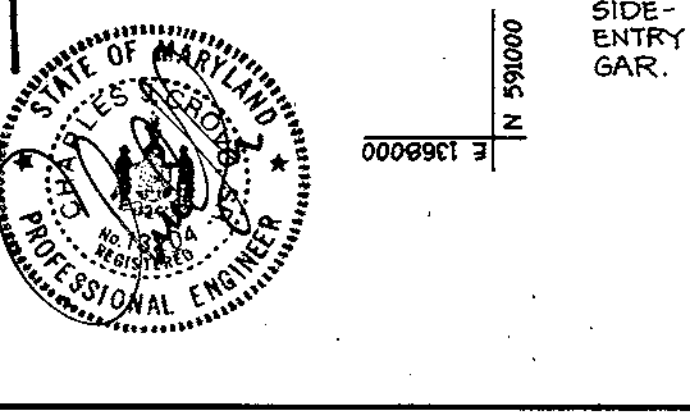
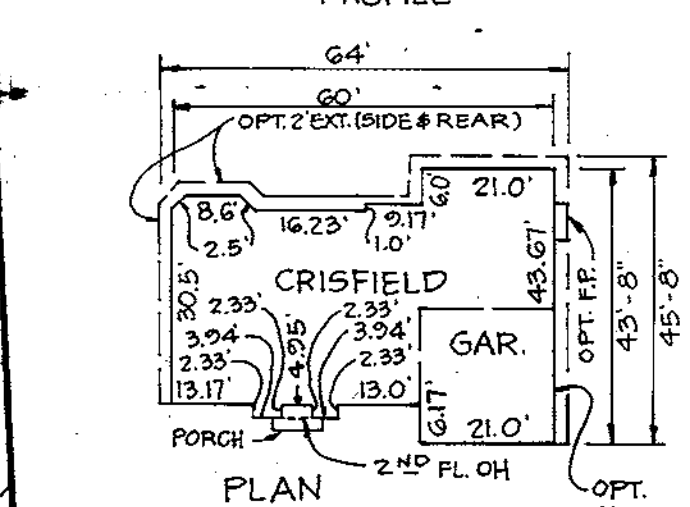
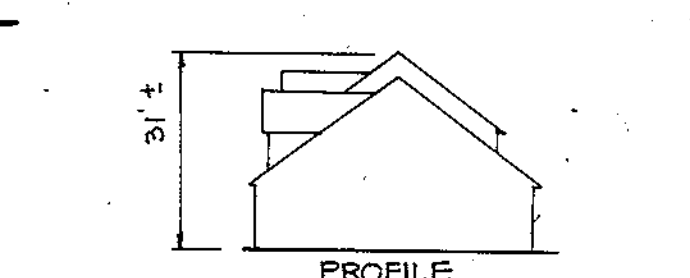
\* NO OPT. 2' EXT. BOTH SIDES  
\*\* NO OPT. 2' EXT. BOTH SIDES (ONE SIDE ONLY)



\* NO OPT. 2' EXT. (SIDES & REAR)  
\*\* NO OPT. 2' EXT. (SIDES & REAR) #  
NO OPT. 2' EXT. STUDY/SUNROOM



\* NO OPT. 2' EXT. BOTH SIDES  
\*\* NO OPT. 2' REAR EXT.



**ENGINEER'S CERTIFICATE**  
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.  
Signature of Engineer (Print name below signature) *John K. ...* Date 12/18/18

**DEVELOPER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan, and that any 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.  
Signature of Developer (Print name below signature) *John K. ...* Date 12-7-18

Reviewed for HOWARD SCD and meets Technical Requirements.  
*John K. ...* 12/15/18 Date  
U.S.D.A.-Natural Resources Conservation Service  
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*John K. ...* 12/15/18 Date  
HOWARD SCD

**OWNER AND DEVELOPER**  
FORBOST FAMILY HOMES  
9920 CITRESS MEDE DRIVE  
BELLGATE CITY, MD 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*John K. ...* 12/22/18 Date  
Chief, Division of Land Development  
*John K. ...* 12/21/18 Date  
Chief, Development Engineering Division

SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 & PARCEL 'A'
PLAT NO. 13294-13316	BLOCK NO. 19	ZONE R-20
TAX/ZONE 18	ELEC. DIST. SECOND	CENSUS TR. 8026
WATER CODE HO1	SEWER CODE 1451500	

**SITE DEVELOPMENT PLAN PLAN VIEW**

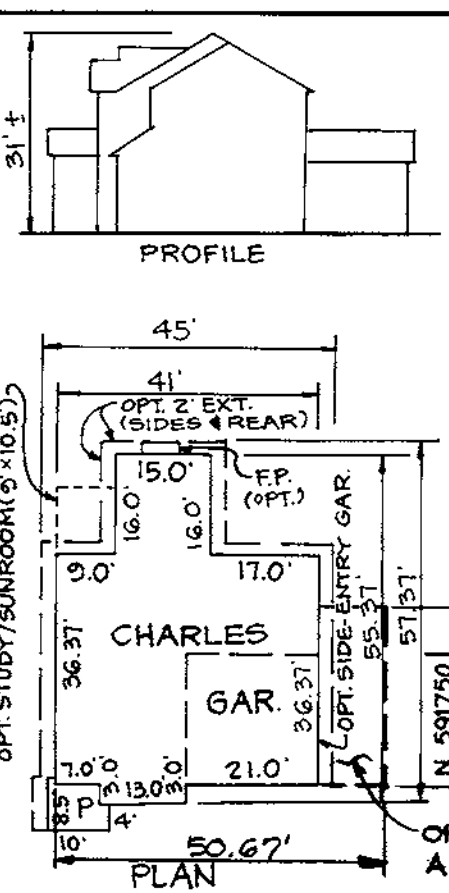
**SPRING RIDGE**

**LOTS 1-23 & NON-BUILDABLE PARCEL 'A'**

TAX MAP No: 18 PARCEL: 76 AND P/O 56  
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN DATE: SEPTEMBER, 1998

SHEET 2 OF 3  
SDP 99-34

LOT INFORMATION			
LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. * PROPERTY LINE (S.H.C.)
1	8911 SPRINGWAY ROAD	424.8'	419.79'
2	8901 SPRINGWAY ROAD	421.6'	416.41'
3	1848 DEERFIELD DRIVE	425.1'	419.64'
4	1852 DEERFIELD DRIVE	427.0'	421.76'
5	1856 DEERFIELD DRIVE	428.5'	423.51'
15	1863 DEERFIELD DRIVE	428.4'	423.31'
16	1867 DEERFIELD DRIVE	423.6'	418.43'
17	1870 DEERFIELD DRIVE	408.0'	402.75'
18	1874 DEERFIELD DRIVE	413.5'	408.54'
19	8944 SPRINGWAY ROAD	424.1'	418.96'
20	8908 SPRINGWAY ROAD	424.1'	419.48'
21	8912 SPRINGWAY ROAD	428.4'	420.07'
22	8916 SPRINGWAY ROAD	428.8'	420.28'
23	8920 SPRINGWAY ROAD	432.0'	426.76'



SCHEDULE A - PERIMETER LANDSCAPE EDGE ADJACENT TO ROADWAYS

LANDSCAPE TYPE	LINEAR FEET ROADWAY
SHADE TREES	5
EVERGREEN TREES	5
NUMBER PLANTS PROVIDED	5
SHADE TREES	5
EVERGREEN TREES	5

LANDSCAPE SCHEDULE

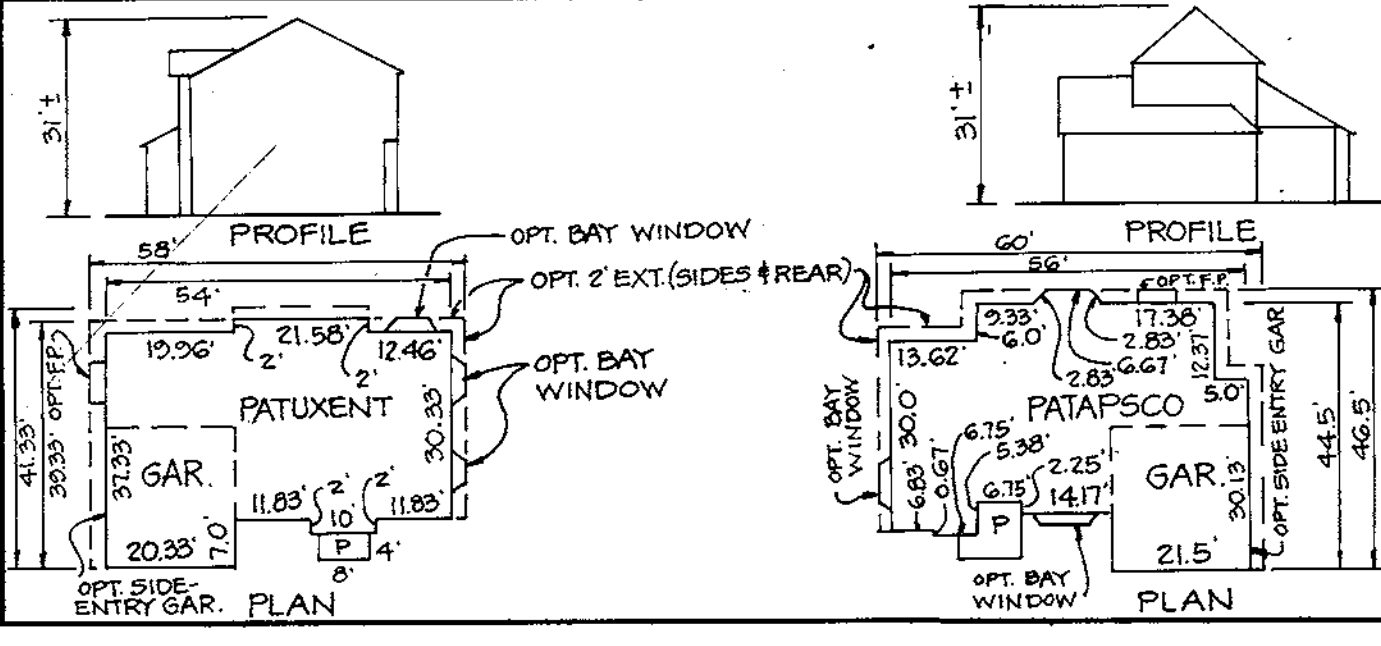
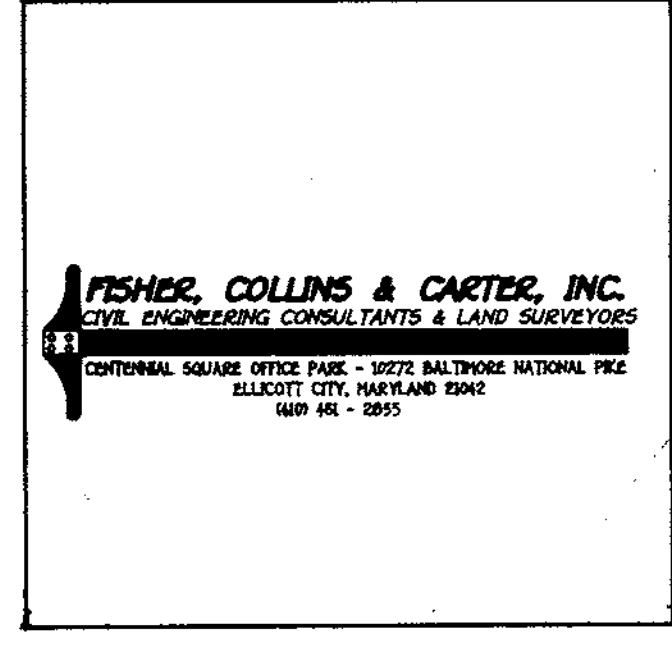
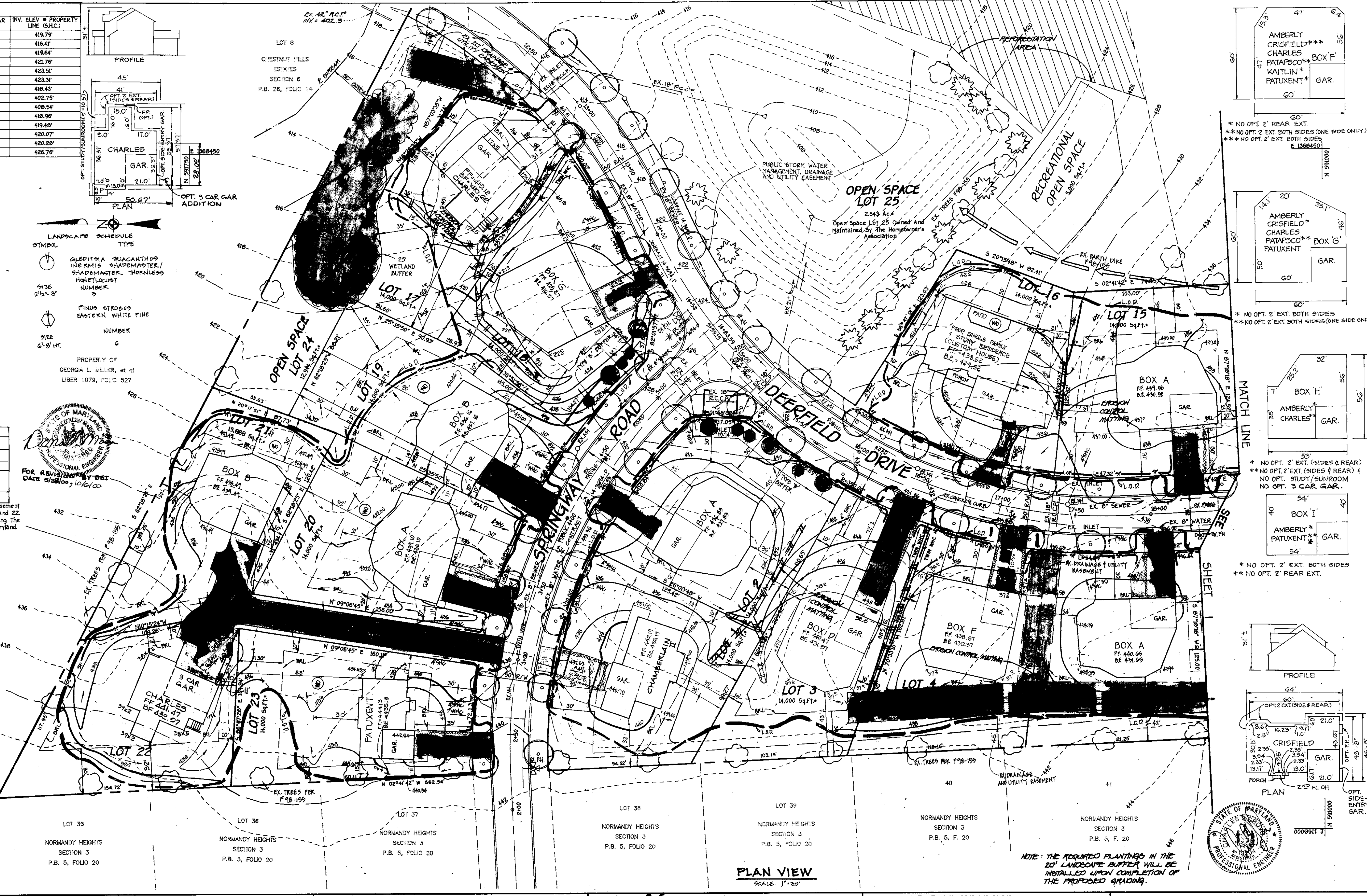
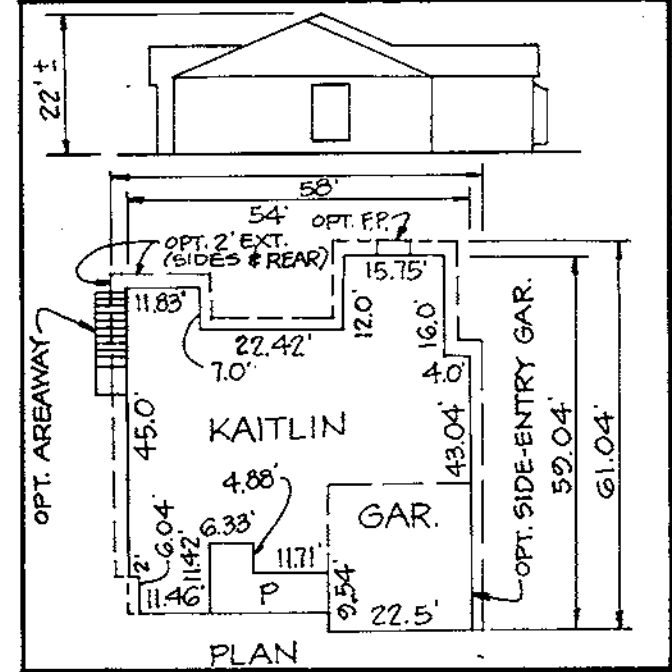
SYMBOL	TYPE
(Symbol)	QUERUS TRILACANTHOS 1/8" K.M.I.S. SHADENMASTER THORNLESS HONEYLOCUST NUMBER 5
(Symbol)	PINUS STROBUS EASTERN WHITE PINE NUMBER 6

REVISIONS

1-25-99	REV. BOX FOOTPRINTS ALL LOTS
7-9-99	REV. FOOTPRINT LOT 16
7-21-99	REV. FOOTPRINT LOT 23
5-23-00	ADD BOXES 'F', 'I', 'S' HOUSE TYPES AND LOTS 3, 4, 17, 18 & 22
10-6-00	SHOW SPECIFIC HOUSE LOTS 17 & 22 ADD 3 CAR TO CHARLES FOOTPRINT

LEGEND

Symbol	Description
(Symbol)	Existing Contour 2' Interval
(Symbol)	Existing Contour 10' Interval
(Symbol)	Proposed Contour 2' Interval
(Symbol)	Proposed Contour 10' Interval
(Symbol)	Spot Elevation
(Symbol)	Silt Fence
(Symbol)	First Floor Elevation
(Symbol)	Basement Elevation
(Symbol)	Proposed Walkout
(Symbol)	Earth Dike
(Symbol)	Tree Protection
(Symbol)	Existing Tree Line
(Symbol)	Limit of Disturbance
(Symbol)	Existing Street Tree



**ENGINEER'S CERTIFICATE**  
 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.  
 Signature of Engineer (Print name below signature) *John K. Patuxent* Date 12/18/98

**DEVELOPER'S CERTIFICATE**  
 I/We certify that all development and construction will be done according to this plan, and that any 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.  
 Signature of Developer (Print name below signature) *John K. Patuxent* Date 12/18/98

Reviewed for H-1400 SCD and meets Technical Requirements. 12/15/98  
 Signature: *John K. Patuxent* Date: 12/15/98  
 Title: Director, Conservation Service  
 Approved for H-1400 SCD and meets Technical Requirements. 12/17/98  
 Signature: *John K. Patuxent* Date: 12/17/98  
 Title: Director, Conservation Service

**OWNER AND DEVELOPER**  
 DORSET FAMILY HOMES  
 9920 CREEPER MEDE DRIVE  
 ELICOTT CITY, MD 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature: *John K. Patuxent* Date: 12/22/98  
 Title: Director, Department of Planning and Zoning

Signature: *John K. Patuxent* Date: 12/21/98  
 Title: Chief, Division of Land Development

Signature: *John K. Patuxent* Date: 12/17/98  
 Title: Chief, Development Engineering Division

SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 B PARCEL 'A'
PLAT NO. 1394-1396	BLOCK NO. 19	ZONE R-20
TAX/ZONE 10	ELEC. DIST. SECOND	CENSUS TR. 8026
WATER CODE HO1	SEWER CODE 1451500	

**SITE DEVELOPMENT PLAN PLAN VIEW**

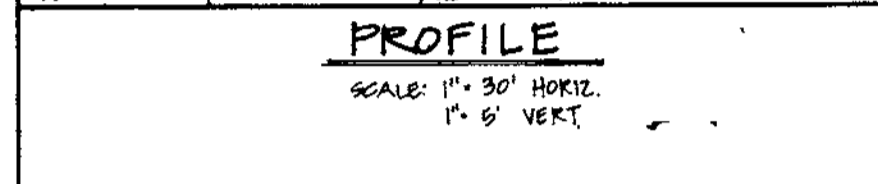
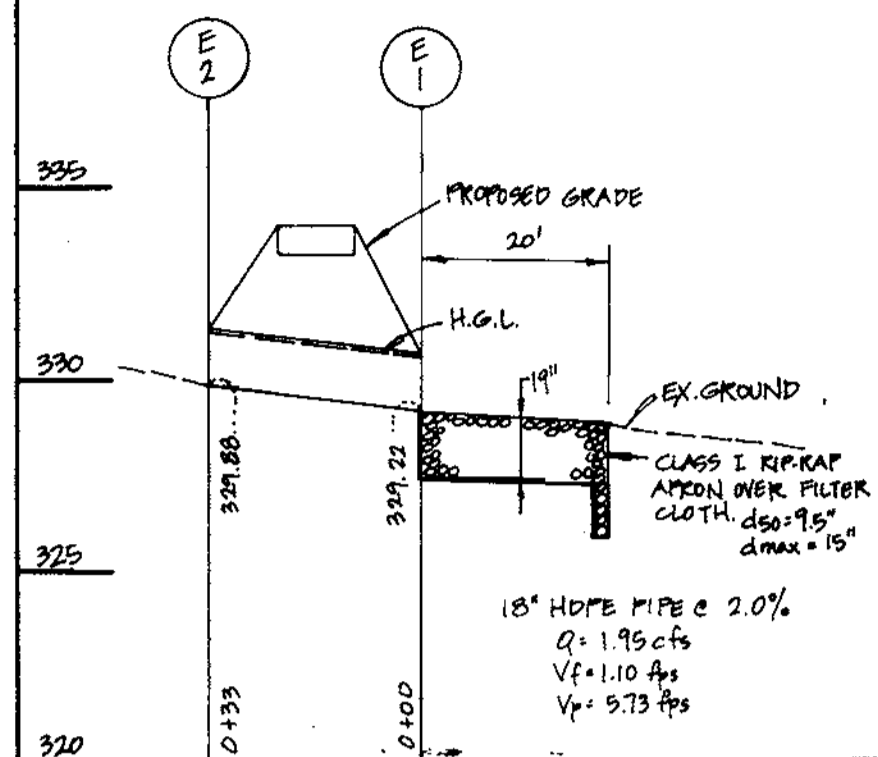
**SPRING RIDGE LOTS 1-23 & NON-BUILDABLE PARCEL 'A'**

TAX MAP No: 18 PARCEL: 76 AND P/O 56  
 SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 SCALE: AS SHOWN DATE: SEPTEMBER, 1998

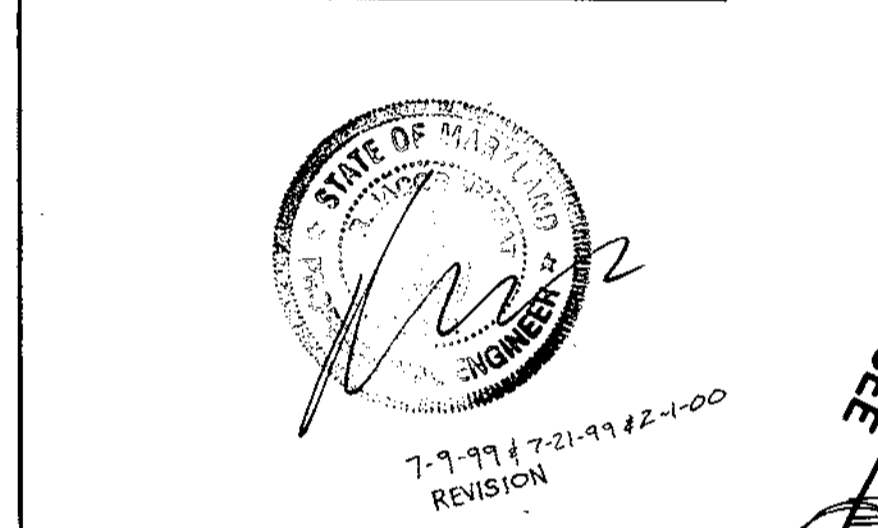
SHEET 2 OF 3  
 S.D.P. 99-34

LOT INFORMATION			
LOT NUMBER	STREET ADDRESS	MIN. CELLAR ELEV.	INV. ELEV. PROPERTY LINE (S.H.C.)
6	2800 DEERFIELD DRIVE	429.3'	424.20'
7	2804 DEERFIELD DRIVE	430.0'	425.07'
8	2808 DEERFIELD DRIVE	431.3'	426.17'
9	2812 DEERFIELD DRIVE	432.7'	427.65'
10	2816 DEERFIELD DRIVE	431.1'	427.06'
11	2820 DEERFIELD DRIVE	430.7'	426.95'
12	2824 DEERFIELD DRIVE	431.2'	426.02'
13	2828 DEERFIELD DRIVE	430.5'	425.31'
14	2832 DEERFIELD DRIVE	429.1'	424.13'

MINIMUM LOT SIZE CHART				
LOT NO.	GROSS AREA	PIPESTEM AREA	REMAINING AREA	MINIMUM LOT SIZE
21	15,868 Sq. Ft.	1,868 Sq. Ft.	14,000 Sq. Ft.	14,000 Sq. Ft.
22	15,922 Sq. Ft.	1,922 Sq. Ft.	14,000 Sq. Ft.	14,000 Sq. Ft.

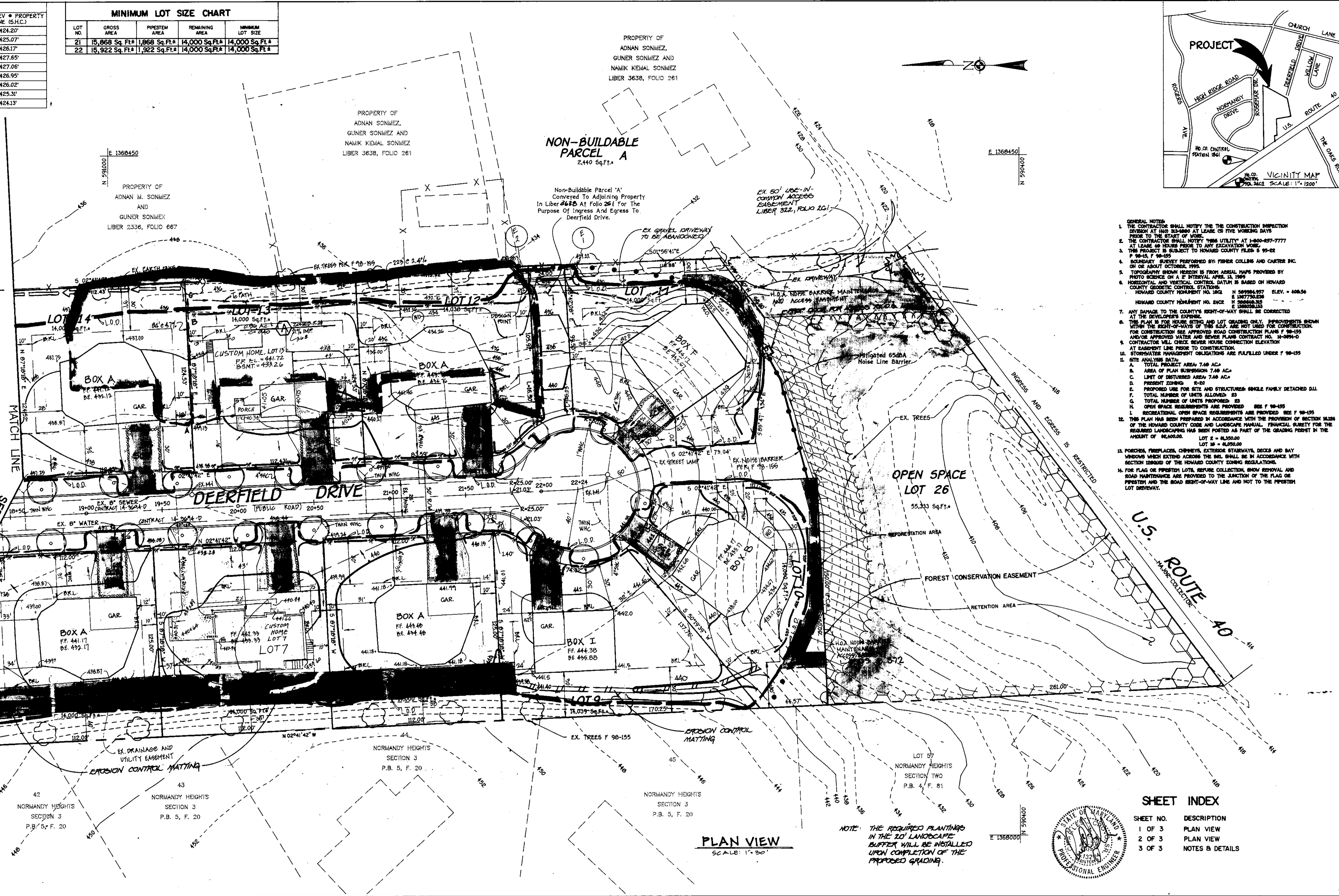


REVISIONS	
1	2-24-99 REV. BOX FOOTPRINT ALL LOTS
2	7-9-99 REV. FOOTPRINT LOT 16
3	7-21-99 REV. FOOTPRINT LOT 23
4	2-1-00 REV. FOOTPRINT LOT 7
5	3-5-00 REV. FOOTPRINT LOT 13
6	5-23-00 REV. BOX LOTS 9 & 11



LEGEND	
---	Existing Contour 2' Interval
---	Existing Contour 10' Interval
---	Proposed Contour 2' Interval
---	Proposed Contour 10' Interval
+	Spot Elevation
SF-SF	Silt Fence
FF	First Floor Elevation
BE	Basement Elevation
⊙	Proposed Walkout
⊙	Earth Dike
X-X	Tree Protection
---	Existing Tree Line
L.O.D.	Limit Of Disturbance
⊙	Existing Street Tree

**Donal M. Man**  
 PROFESSIONAL ENGINEER  
 STATE OF MARYLAND  
 LICENSE NO. 13773  
 FOR REVISIONS BY S.E.I. DATED 5/28/00



- GENERAL NOTES:**
- THE CONTRACTOR SHALL NOTIFY THE THE CONSTRUCTION INSPECTION DIVISION AT (410) 333-8800 AT LEAST FIVE WORKING DAYS PRIOR TO THE START OF WORK.
  - THE CONTRACTOR SHALL NOTIFY "888 UTILITY" AT 1-800-857-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
  - THIS PROJECT IS SUBJECT TO HOWARD COUNTY FLEX S. 95-02 P. 98-15, F. 98-125.
  - SOILS SURVEY PERFORMED BY FISHER COLLINS AND CARTER INC. ON 02/10/00, 1999.
  - TOPOGRAPHY SHOWN HEREON IS FROM AERIAL PHOTOS PROVIDED BY PHOTO SCIENCE ON A 2' INTERVAL APRIL 13, 1999.
  - HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS.
  - HOWARD COUNTY ELEVATION NO. 542 S. 509984.957 ELEV. = 408.54 S. 13773.026 ELEV. = 508.000 S. 13773.026 ELEV. = 508.000 S. 13773.026 ELEV. = 508.000
  - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  - THIS PLAN IS FOR HOUSE SETBACK AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHT-OF-WAY OF THE ROAD ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLAN F. 98-135 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 14-099-D. CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT SETBACK LINE PRIOR TO CONSTRUCTION.
  - STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F. 98-155.
  - SITE ANALYSIS DATA:
    - A. TOTAL PROJECT AREA: 7.48 AC
    - B. AREA OF PLAN SUBMISSION: 7.48 AC
    - C. LIMIT OF DISTURBED AREA: 7.48 AC
    - D. PRESENT ZONING: R-20
    - E. PROPOSED USE FOR SITE AND STRUCTURES: SINGLE FAMILY DETACHED D.U.I.
    - F. TOTAL NUMBER OF UNITS ALLOWED: 23
    - G. TOTAL NUMBER OF UNITS PROPOSED: 23
    - H. OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F. 98-135
    - I. RECREATIONAL OPEN SPACE REQUIREMENTS ARE PROVIDED SEE F. 98-135
  - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.01 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$60,000. LOT 16 = 41,550.00
  - PORCHES, FIREPLACES, CHIMNEYS, EXTERIOR STAIRWAYS, DECKS AND BAY WINDOWS WHICH EXTEND ACROSS THE B.E.L. SHALL BE IN ACCORDANCE WITH SECTION 16.01 OF THE HOWARD COUNTY ZONING REGULATIONS.
  - FOR FLAG OR PESTHOLE LOTS, SEWER COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PESTHOLE AND THE ROAD RIGHT-OF-WAY LINE AND NOT TO THE PESTHOLE LOT DRIVEWAY.

SHEET INDEX	
SHEET NO.	DESCRIPTION
1 OF 3	PLAN VIEW
2 OF 3	PLAN VIEW
3 OF 3	NOTES & DETAILS

**FISHER COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 1000 SQUARE OFFICE PARK • 10772 BALTIMORE NATIONAL FREE  
 ELKRETT CITY, MARYLAND 21042  
 (410) 481-2000

**DEVELOPER'S / BUILDER'S CERTIFICATE**  
 I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION A CERTIFICATION OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

*John K. Hofel* 12-7-98  
 DATE

**ENGINEER'S CERTIFICATE**  
 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.

*John K. Hofel* 12/7/98  
 Signature of Engineer (Print name below signature) Date

**DEVELOPER'S CERTIFICATE**  
 I/We certify that all development and construction will be done according to this plan, and that any 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.

*John K. Hofel* 12-7-98  
 Signature of Developer (Print name below signature) Date

Reviewed for HOWARD SCD and meets Technical Requirements.  
*Cheryl Simmons* 12/15/98  
 U.S.D.A.-NR Conservation Resources  
 Date

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
*John R. Kohn* 12/15/98  
 Date

**OWNER AND DEVELOPER**  
 DRISBY FAMILY HOMES  
 9710 COTTESSA DRIVE  
 ELKRETT CITY, MARYLAND 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING

*John R. Kohn* 12/22/98  
 Director - Department of Planning and Zoning  
 Date

*Carol Hamilton* 12/22/98  
 Chief, Division of Land Development  
 Date

*John K. Hofel* 12/17/98  
 Chief, Development Engineering Division  
 Date

SUBDIVISION	SECTION/AREA	LOT NO.
SPRING RIDGE	N/A	1-23 & PARCEL 'A'
PLAT NO.	BLOCK NO.	ZONE
1334-1334	19	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
18	SECOND	6026
WATER CODE	SEWER CODE	
HOI	1451500	

**SITE DEVELOPMENT PLAN**  
**PLAN VIEW**

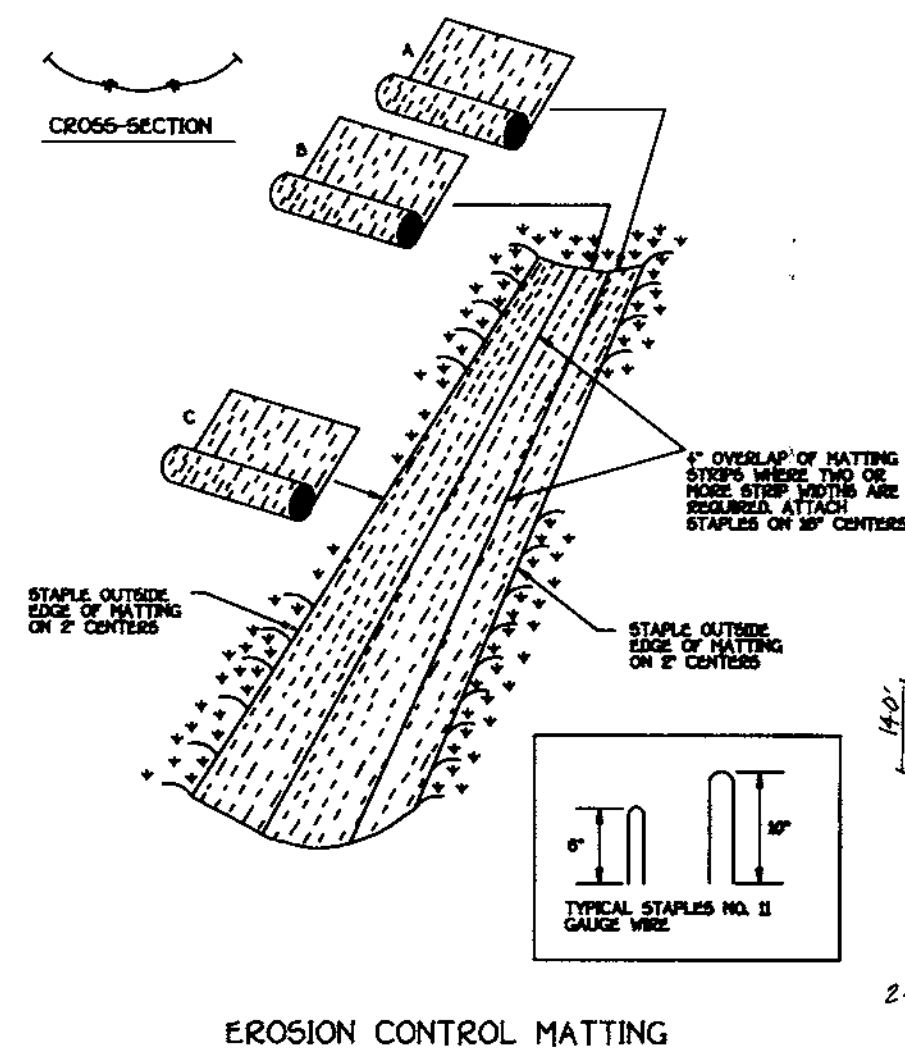
**SPRING RIDGE**  
**LOTS 1-23 & NON-BUILDABLE PARCEL 'A'**

TAX MAP No: 18 PARCEL: 76 AND P/O 56  
 SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
 SCALE: AS SHOWN DATE: SEPTEMBER, 1998

SHEET 1 OF 3



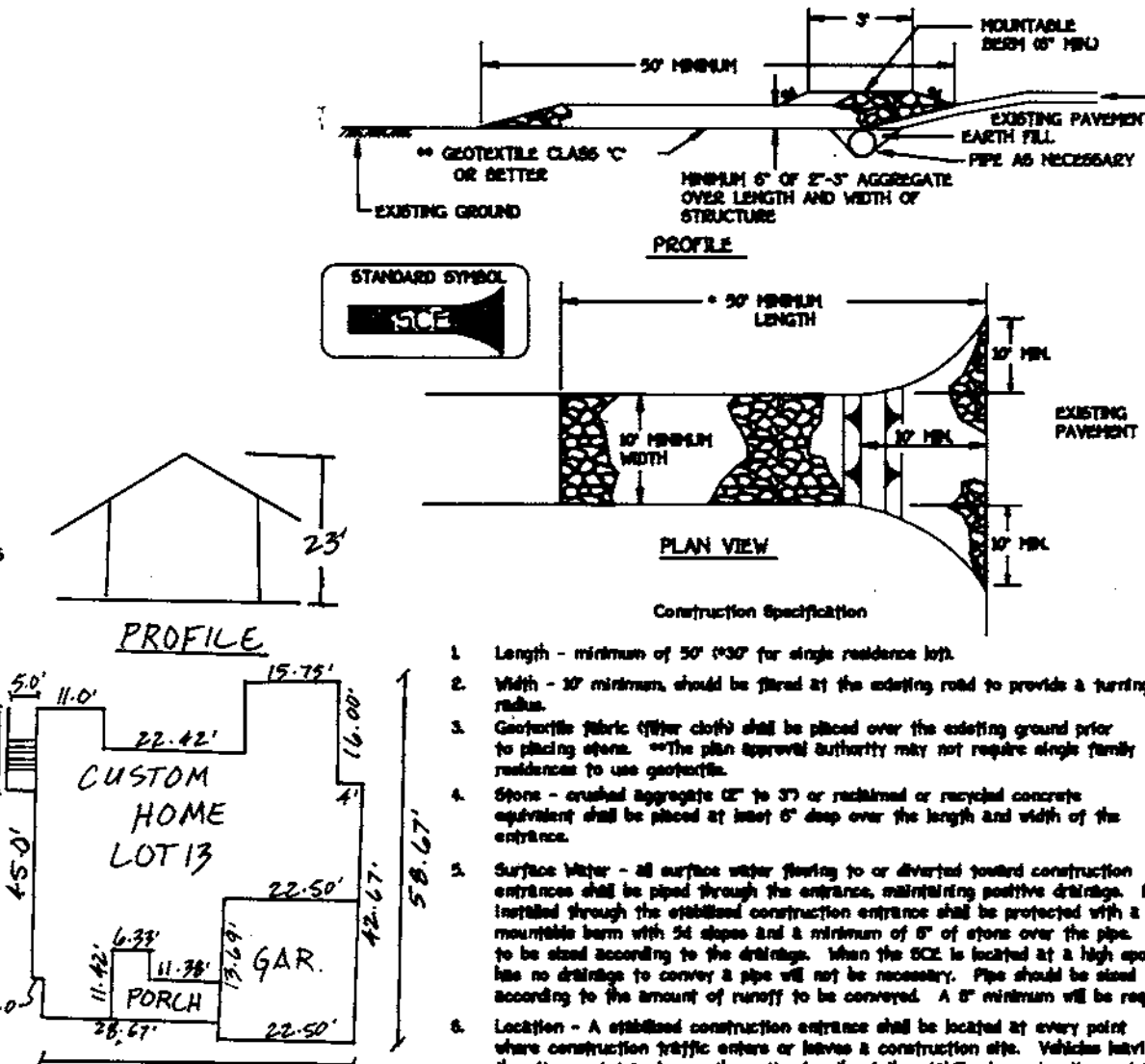
EROSION CONTROL MATTING



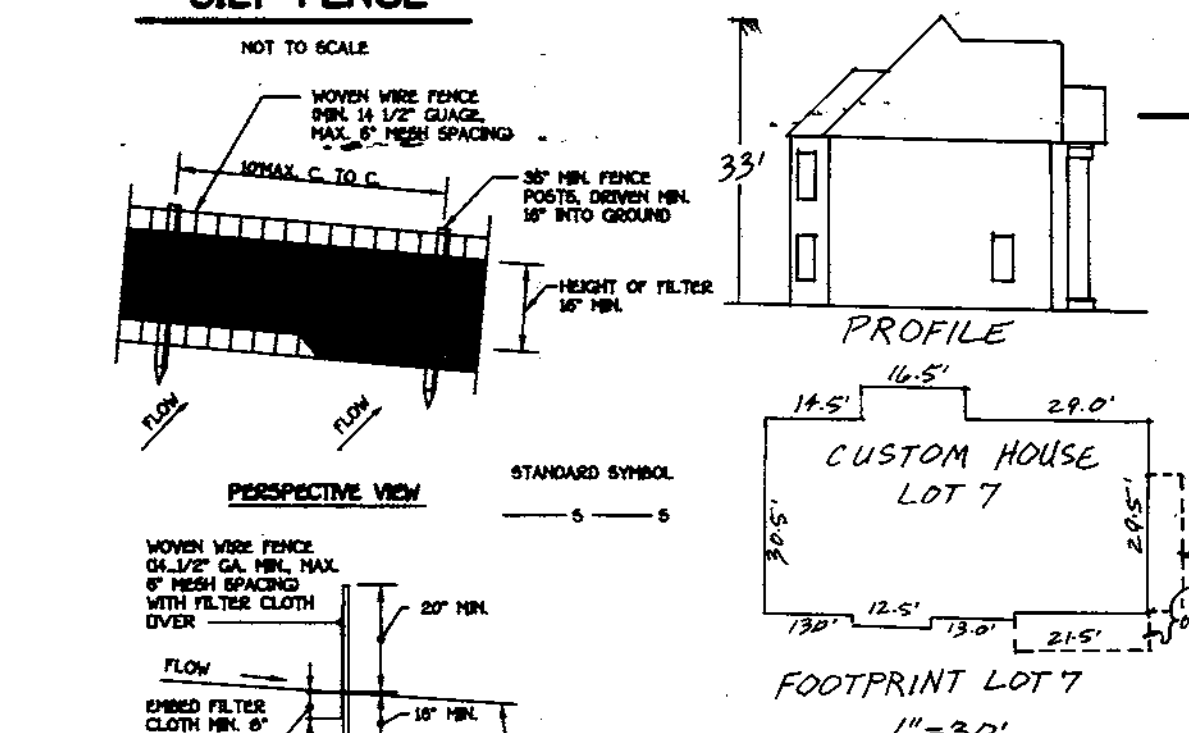
EROSION CONTROL MATTING

- Construction Specifications
1. Lay-in the matting by placing the top ends of the matting in a narrow trench...

STABILIZED CONSTRUCTION ENTRANCE



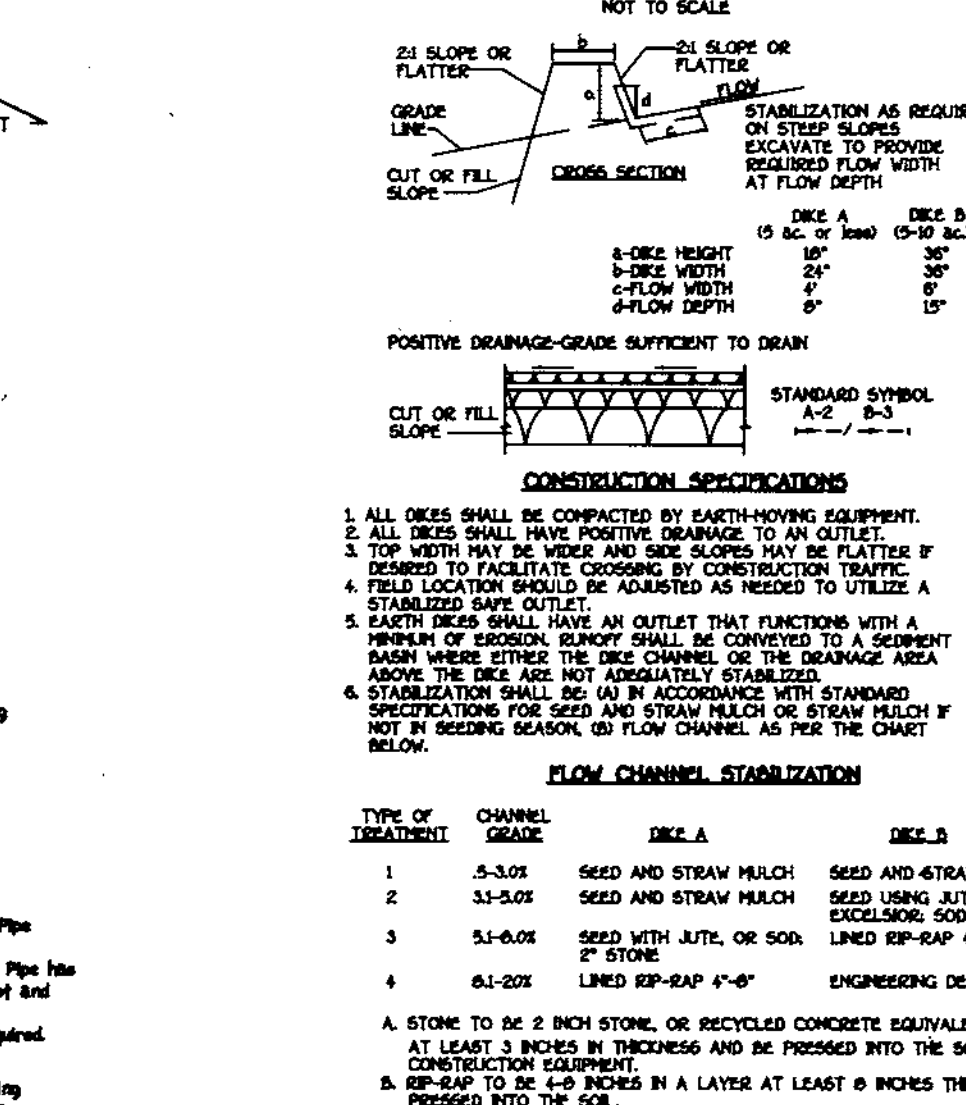
SILT FENCE



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FORCE POSTS WITH WIRE TIE OF STAPLES...

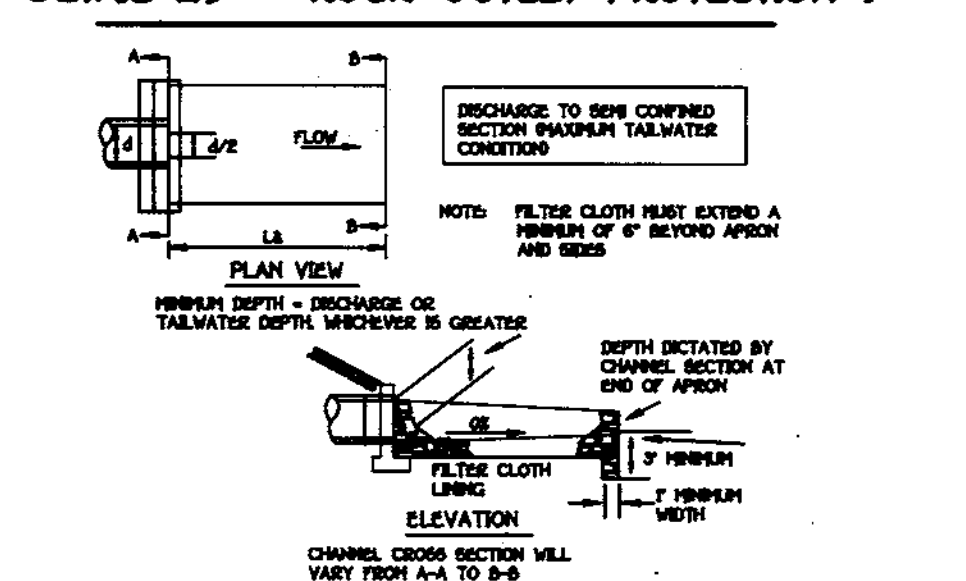
EARTH DIKE



SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT.
2. RE-SHAPE EXISTING SEDIMENT AND EROSION CONTROL DEVICES PER PLAN.
3. INSTALL SEDIMENT AND EROSION CONTROL DEVICES PER PLAN.

DETAIL 25 - ROCK OUTLET PROTECTION I



ROCK OUTLET PROTECTION

- 1. The substrate for the filter, rip-rap, or gibbon shall be prepared to the required base and grade.
2. The substrate shall be compacted to a density of approximately that of the surrounding undisturbed material.

SEDIMENT CONTROL NOTES

- 1. A minimum of 48 hours notice must be given to the HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS...
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS...

TEMPORARY SEEDING NOTES

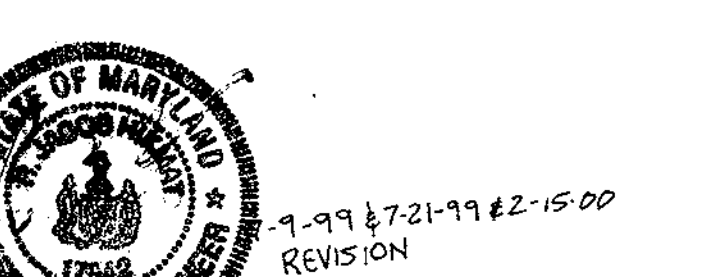
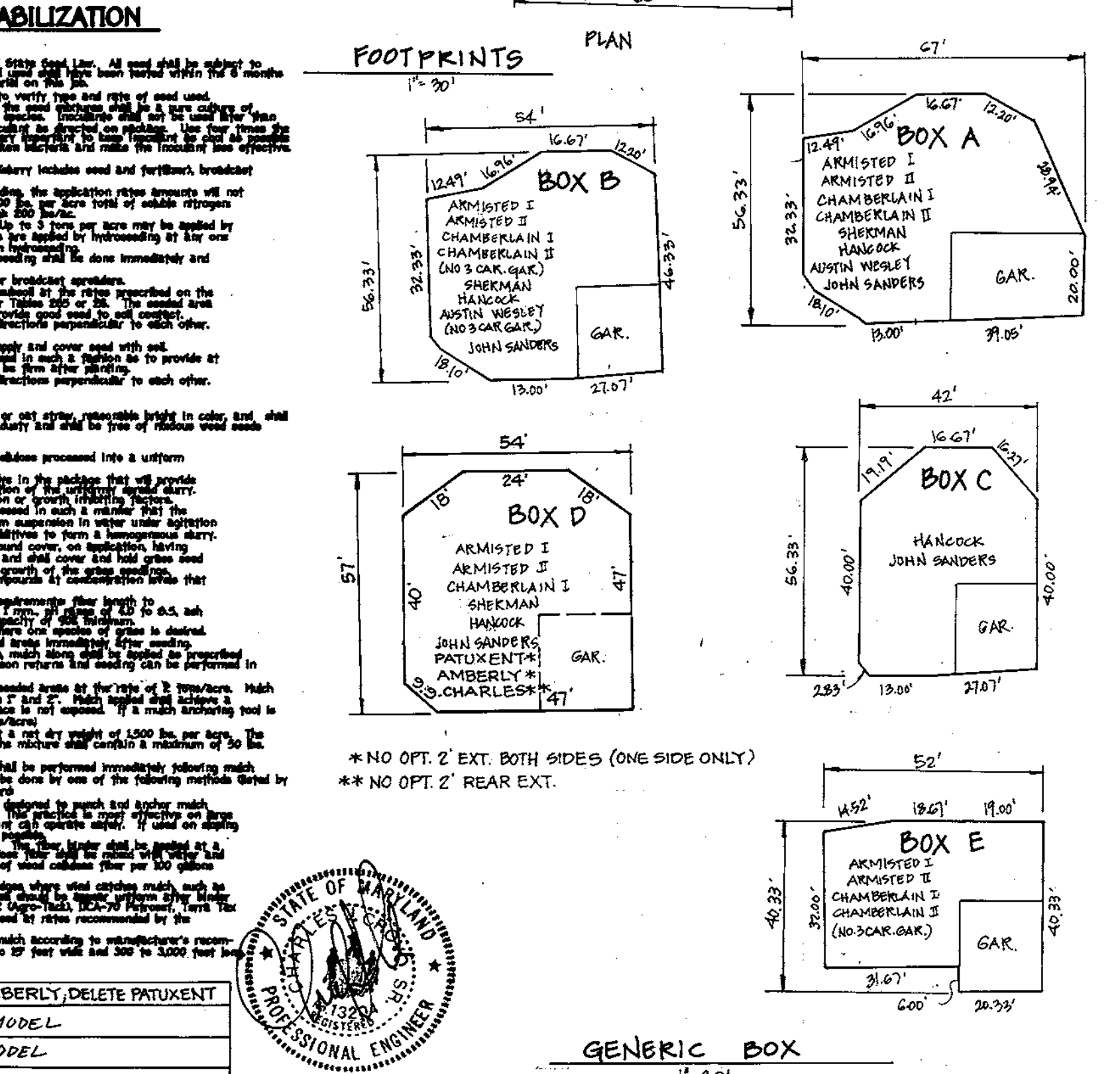
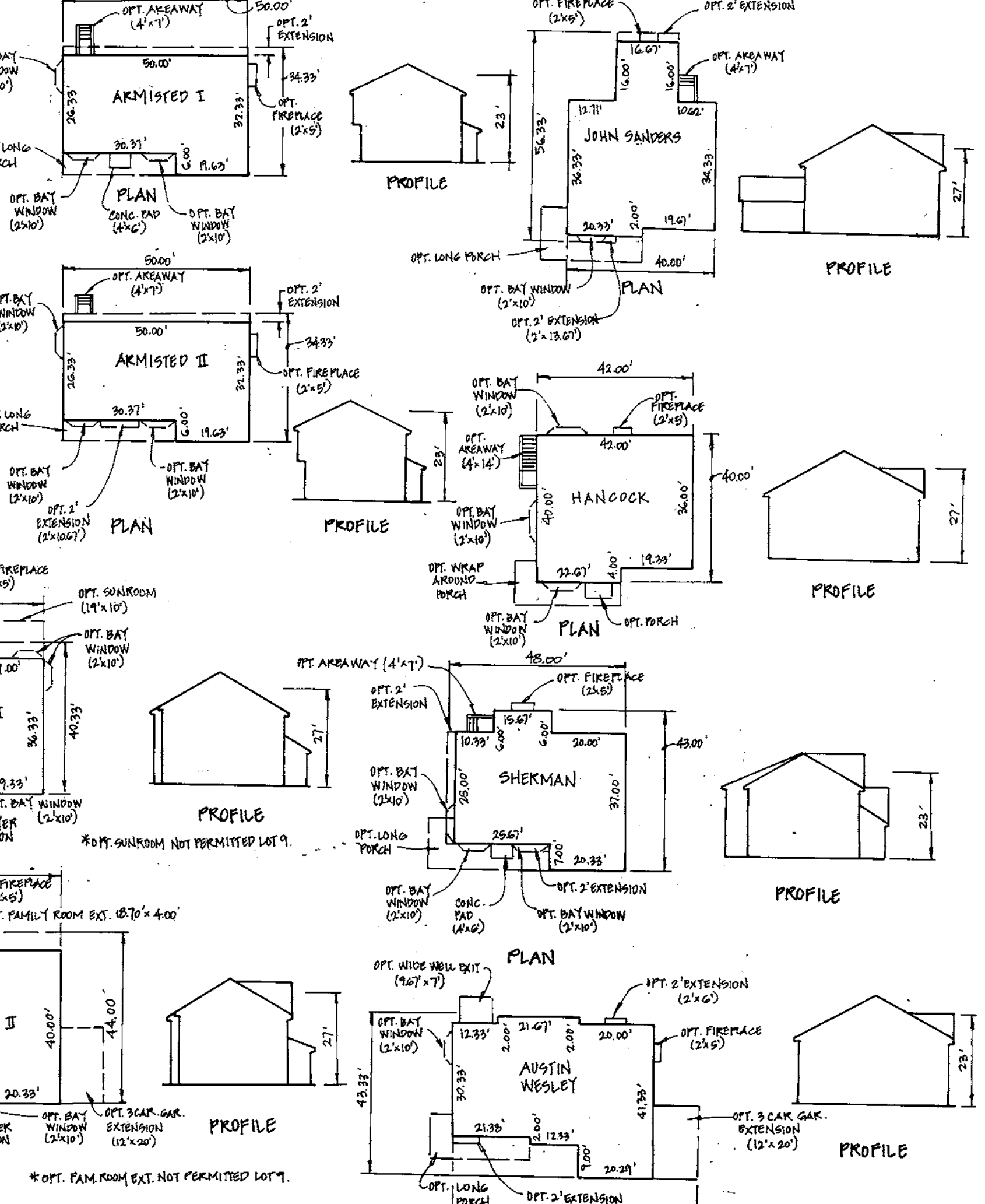
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING...

PERMANENT SEEDING NOTES

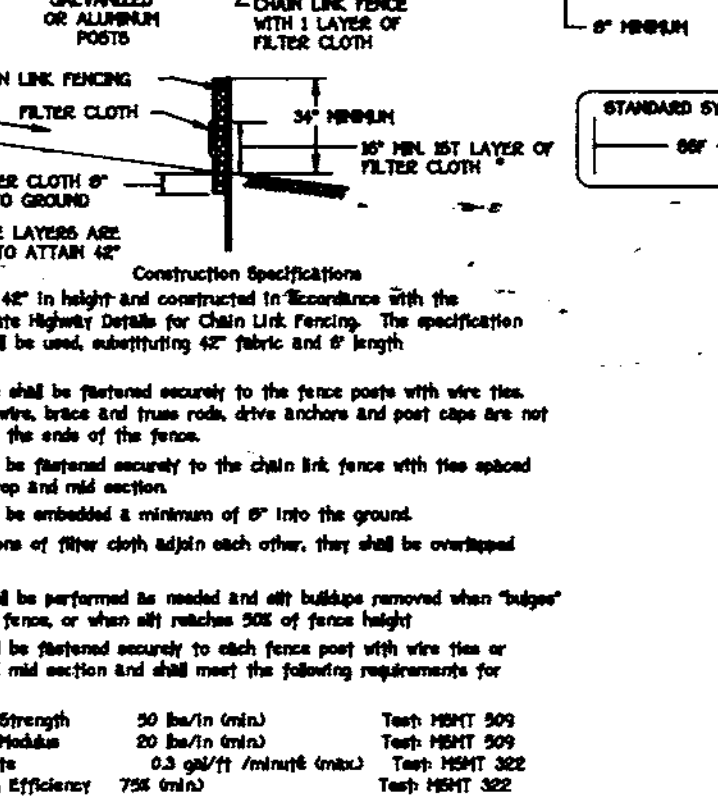
- 1. ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING...

STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

- 1. Seed Specifications:
a. Seed shall be of the purest quality and shall be of the variety best adapted to the soil and climate of the area...
b. Seed shall be free from weed seeds and other objectionable material...



STANDARD INLET PROTECTION



CONSTRUCTION SPECIFICATIONS

- 1. Excavate completely around the inlet to a depth of 18" below the rock elevation.
2. Drive the 2" x 4" construction grade lumber posts 7" into the ground at each corner of the inlet.

ENGINEER'S CERTIFICATE

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.

DEVELOPER'S CERTIFICATE

We certify that all development and construction will be done according to this plan and that any 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 Erosion before beginning the project.

OWNER AND DEVELOPER

DORSEY FAMILY HOMES
1926 C. H. WILSON DRIVE
BUCCOTT GATE, MD 21042

REVISIONS

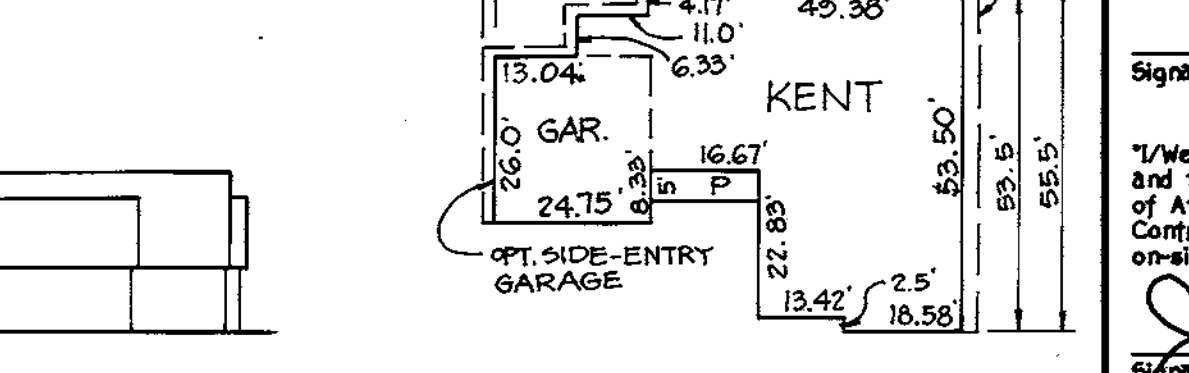
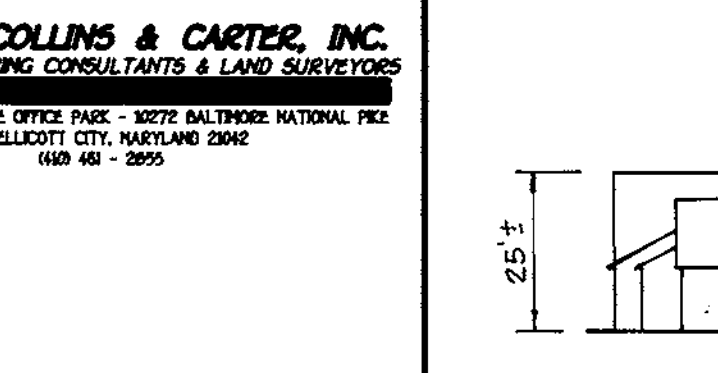
Table with columns: REVISIONS, DATE, DESCRIPTION. Includes revisions for BOX D, FOOTPRINT LOT 13, and LOT 7 MODEL.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Signature and date of Department of Planning and Zoning approval.

SITE DEVELOPMENT PLAN NOTES AND DETAILS

SPRING RIDGE
LOTS 1-23 & NON-BUILDABLE PARCEL 'A'
TAX MAP No: 18 PARCEL: 76 AND P/O 56
SECOND ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: SEPTEMBER, 1998



PROFILE PLAN