



**LEGEND**

CONTOUR INTERVAL 2 FT.

EXISTING CONTOUR 2 FT.

PROPOSED CONTOUR 2 FT.

DIRECTION OF DRAINAGE 2 FT.

WALK OUT BASEMENT 2 FT.

SPOT ELEVATION 2 FT.

TREE PROTECTION FENCE 2 FT.

EXISTING TREES TO REMAIN 2 FT.

STREET TREES PER F-96-130 2 FT.



APPROVED: DEPARTMENT OF PLANNING & ZONING

*[Signature]* 8/16/00  
 CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE

*[Signature]* 8/17/00  
 CHIEF, DIVISION OF LAND DEVELOPMENT  
 DATE

*[Signature]* 8/18/00  
 DIRECTOR  
 DATE

COLUMBIA VILLAGE OF RIVER HILL  
 SECTION 4 AREA 4  
 ZONED: NISFMD



OWNER / DEVELOPER  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 10278 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.		
DESIGNED BAL	<b>SITE DEVELOPMENT PLAN</b> LOTS 242-244 & 248-255 <b>COLUMBIA VILLAGE OF RIVER HILL</b> SECTION 4 AREA 4 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN JTR/BLP/KB		DRAWING 2 of 4
CHECKED BAL		JOB NO. 00-039
DATE 6-16-00	FOR: RYLAND GROUP, INC. 7260 PARKWAY DRIVE HANOVER, MARYLAND 21076	FILE NO. 00-039X

**LEGEND**

CONTOUR INTERVAL 2 FT.

EXISTING CONTOUR

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DIRECTION OF DRAINAGE

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STREET TREES PER F-96-130

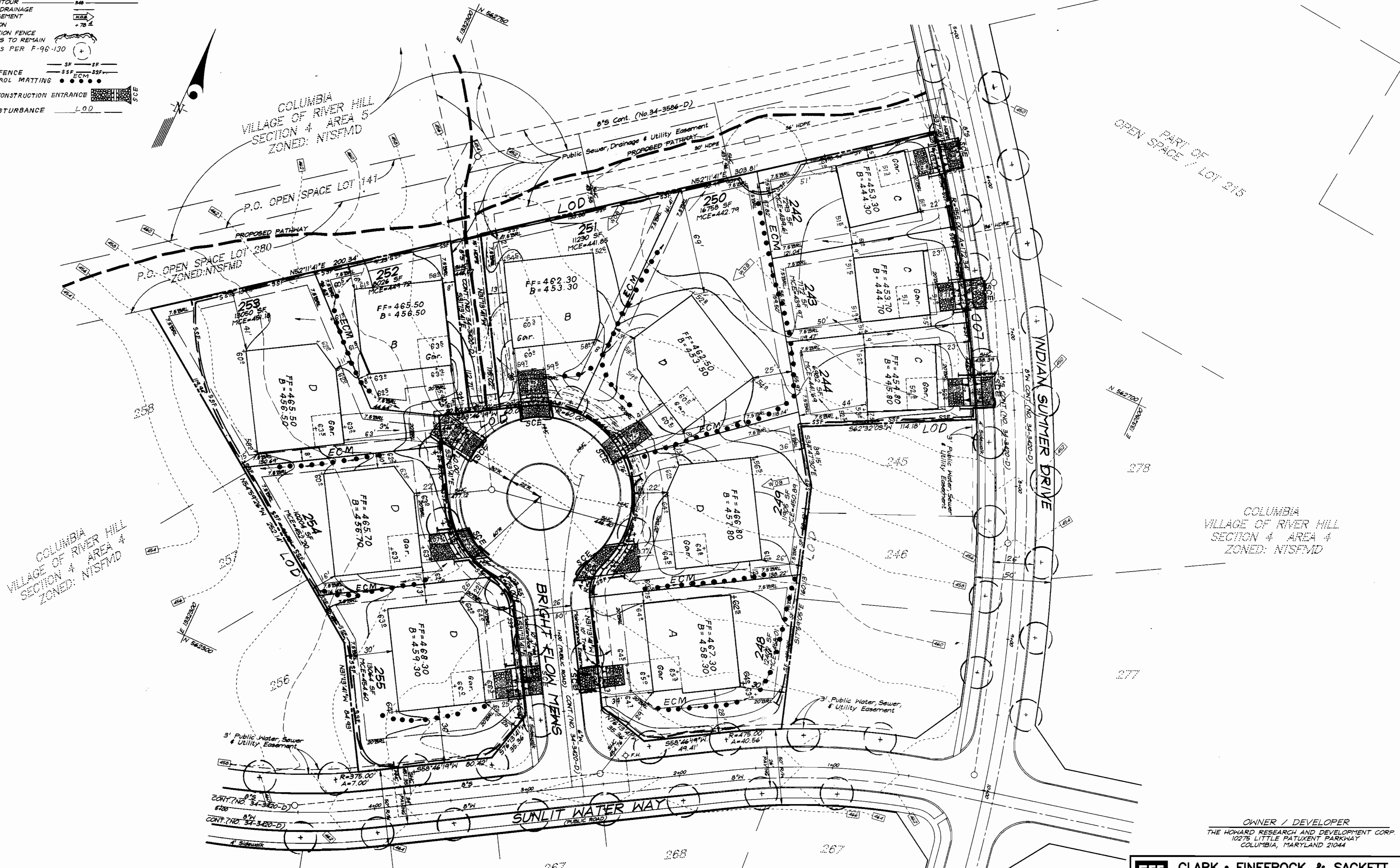
SILT FENCE

SUPER SILT FENCE

EROSION CONTROL MATTING

STABILIZED CONSTRUCTION ENTRANCE

LIMIT OF DISTURBANCE L.O.D.



COLUMBIA VILLAGE OF RIVER HILL SECTION 4 AREA 4 ZONED: N1SFMD

COLUMBIA VILLAGE OF RIVER HILL SECTION 4 AREA 4 ZONED: N1SFMD

APPROVED: DEPARTMENT OF PLANNING & ZONING

*Chief Commissioner* 8/16/00

DATE

CHIEF, DEVELOPMENT ENGINEERING DIVISION

*Andy Keratke* 8/17/00

DATE

CHIEF, DIVISION OF LAND DEVELOPMENT

*Mark S. DeLaugel* 8/18/00

DATE

DIRECTOR

Revised per HOWARD S.C.D. and meet Technical Requirements

*Chief Summers* 8/5/00

Signature Date

U.S. Natural Resources Conservation Service

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

*John R. Hartman* 8/15/00

Approved

COLUMBIA VILLAGE OF RIVER HILL SECTION 4 AREA 4 ZONED: N1SFMD

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

I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I/We authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

*Bob Padgett*

NAME DATE 6-26-00

BOB PADGETT

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

*G. Nelson Clark*

NAME DATE 6-26-00

G. NELSON CLARK



OWNER / DEVELOPER

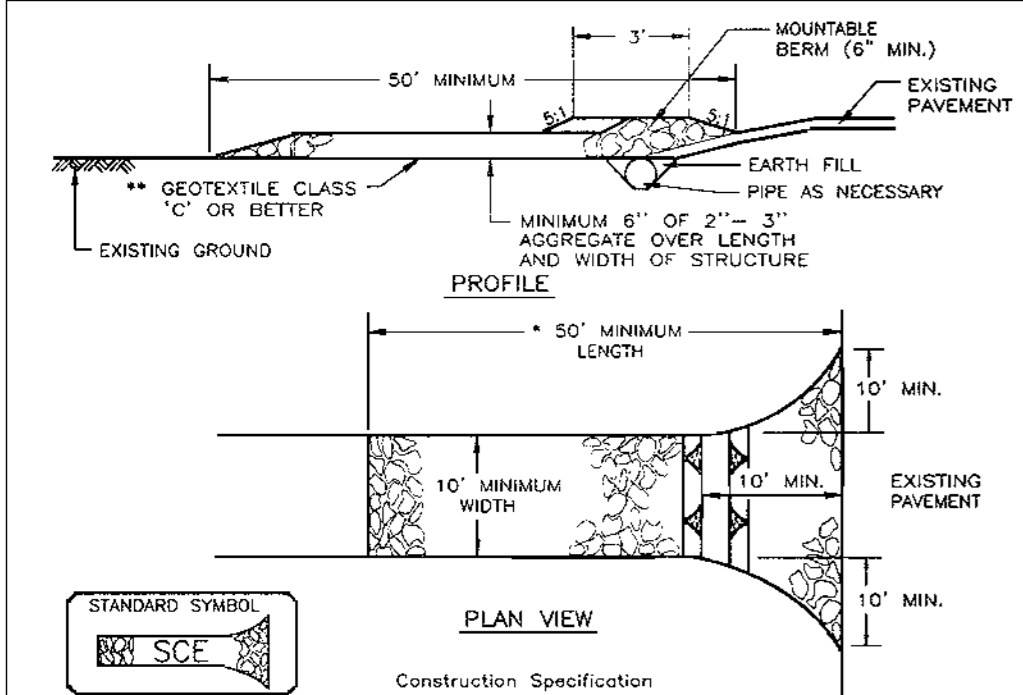
THE HOWARD RESEARCH AND DEVELOPMENT CORP.

10275 LITTLE PATUXENT PARKWAY

COLUMBIA, MARYLAND 21044

<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b>		SCALE
ENGINEERS • PLANNERS • SURVEYORS		1" = 30'
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.		DRAWING
DESIGNED	BAL	3 of 4
<b>SEDIMENT CONTROL PLAN</b>		JOB NO.
LOTS 242-244 & 248-255		00-039
<b>COLUMBIA VILLAGE OF RIVER HILL</b>		FILE NO.
SECTION 4 AREA 4		00-039-SE
FIFTH (5th) ELECTION DISTRICT		
HOWARD COUNTY, MARYLAND		
DATE	FOR: RYLAND GROUP, INC	
6-16-00	7250 PARKWAY DRIVE	
	HANOVER, MARYLAND 21076	

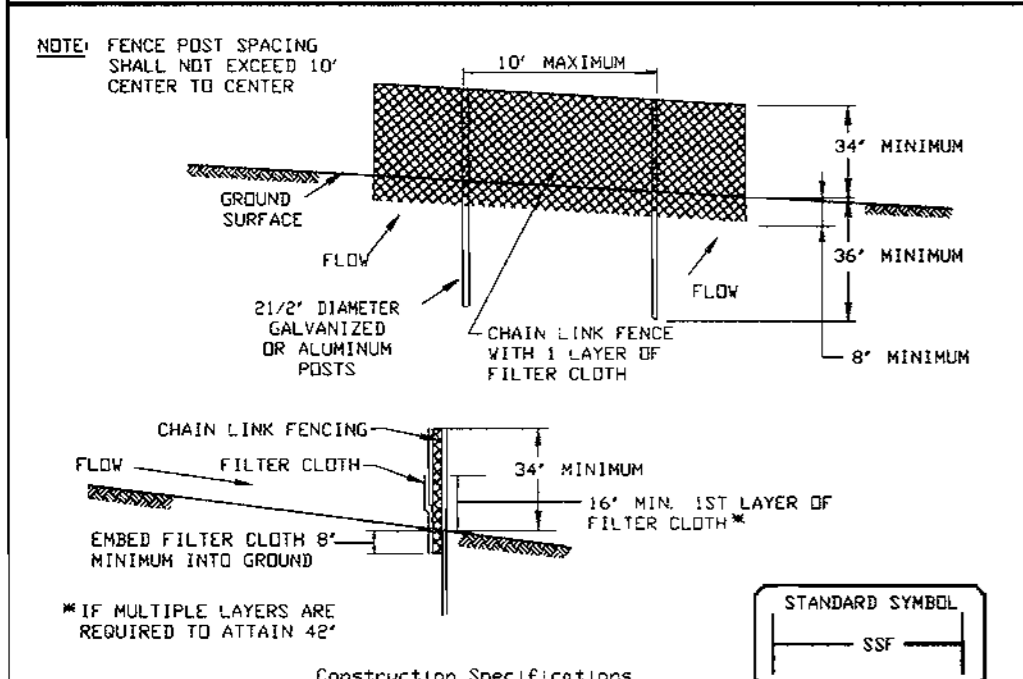
**DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE**



- Construction Specifications**
- Length - minimum of 50' (\* 30' for a single residence lot).
  - Width - 10' minimum, should be flared at the existing road to provide a turning radius.
  - Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. \*\* The plan approval authority may not require single family residences to use geotextile.
  - Stone - crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
  - 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 mountable beam with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey, 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.
  - Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

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**DETAIL 33 - SUPER SILT FENCE**

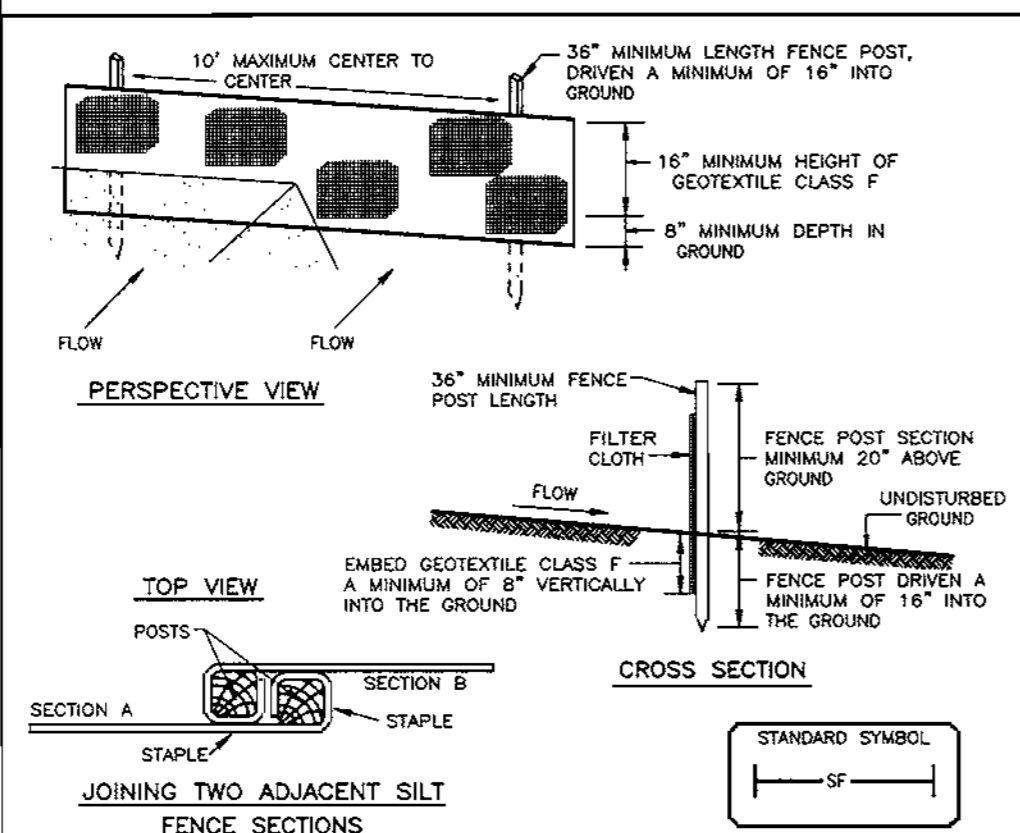


- Construction Specifications**
- Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6' fence shall be used, substituting 42" fabric and 6' length posts.
  - Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and trust rods, drive anchors and post caps are not required except on the ends of the fence.
  - Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
  - Filter cloth shall be embedded a minimum of 6" into the ground.
  - When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and fastened.
  - Maintenance shall be performed as record and silt bulges removed when 'bulges' develop in the silt fence, or when silt reaches 50% of fence height.
  - 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 F:
 

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft <sup>2</sup> /minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

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**DETAIL 22 - SILT FENCE**

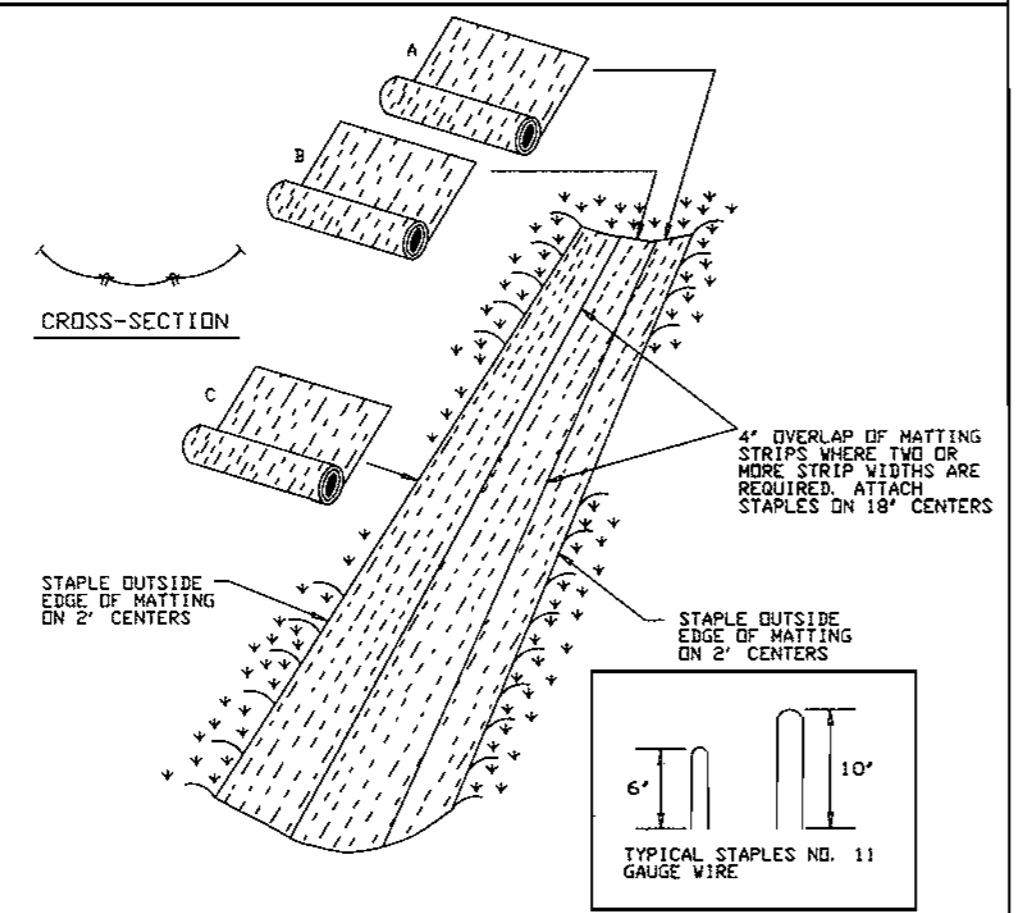


- Construction Specifications**
- Fence posts shall be a minimum of 36" long, driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 1.00 pound per linear foot.
  - Geotextile 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 F:
 

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal/ft <sup>2</sup> /minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322
  - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
  - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reaches 50% of the fabric height.

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**DETAIL 30 - EROSION CONTROL MATTING**



- Construction Specifications**
- Key-in the matting by placing the top ends of the matting in a narrow trench, 6" in depth. Buckfill the trench and tamp firmly to conform to the channel cross-section. Secure with a row of staples about 4" down slope from the trench. Spacing between staples is 6".
  - Staple the 4" overlap in the channel center using an 18" spacing between staples.
  - Before stapling the outer edges of the matting, make sure the matting is smooth and in firm contact with the soil.
  - Staples shall be placed 2' apart with 4 rows for each strip, 2 outer rows, and 2 alternating rows down the center.
  - 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", shingle fashion. Reinforce the overlap with a double row of staples spaced 6" apart in a staggered pattern on either side.
  - The discharge end of the matting liner should be similarly secured with 2 double rows of staples.
- Note: If flow will enter from the edge of the matting then the area effected by the flow must be keyed-in.

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**PERMANENT SEEDING NOTES**

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

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

**SOIL AMENDMENTS:** In lieu of soil test recommendations, use one of the following schedules:

- Preferred-Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq.ft.) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil. At the time of seeding, apply 400 lbs per acre 30-0-0 ureamorph fertilizer (14 lbs/1000 sq.ft.)
- Acceptable-Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq.ft.) and apply 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil.

**SEEDING:** For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (14 lbs/1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (0.25 lbs./1000 sq.ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use soil. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**MULCHING:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of unwrapped small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (9 gal/1000 sq.ft.) for anchoring.

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

**TEMPORARY SEEDING NOTES**

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

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

**SEEDING:** For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual rye (32 lbs./1000 sq.ft.) For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (07 lbs./1000 sq.ft.). For the period November 1 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

**MULCHING:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq.ft.) of unwrapped small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (9 gal/1000 sq.ft.) for anchoring.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

**21.0 STANDARDS AND SPECIFICATIONS FOR TOPSOIL**

**Definition**  
Placement of topsoil over a prepared subsoil prior to establishment of permanent vegetation.

**Purpose**  
To provide a suitable soil medium for vegetable growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

**Conditions Where Practice Applies**

- This practice is limited to areas having 2:1 or flatter slopes where:
  - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
  - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
  - The original soil to be vegetated contains material toxic to plant growth.
  - The soil is so acidic that treatment with limestone is not feasible.
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

**Construction and Material Specifications**

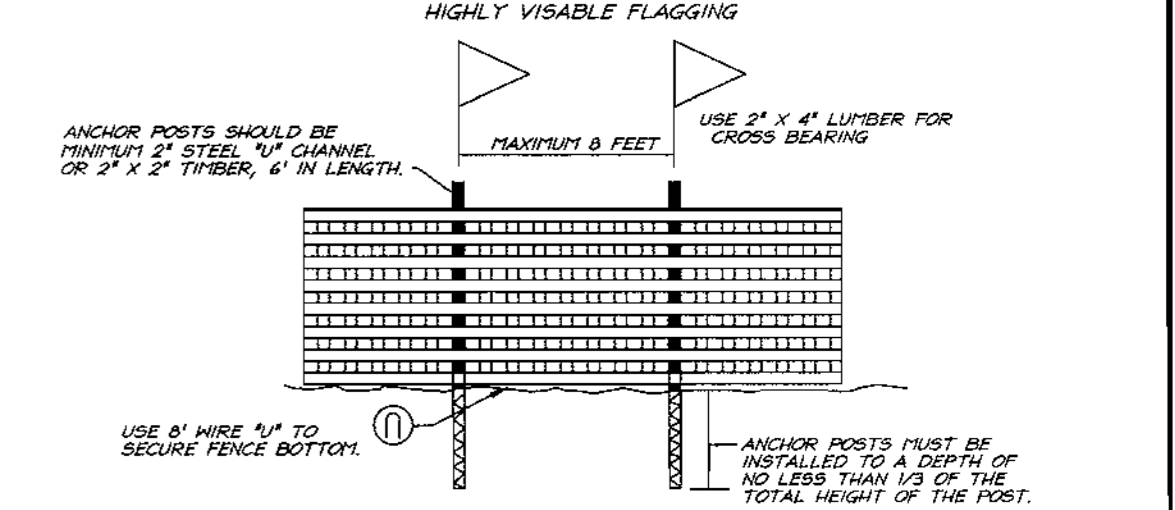
- Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experiment Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
  - Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or a soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1 and 1/2" in diameter.
  - Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as specified.
  - Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
- For sites having disturbed areas under 5 acres:
  - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section 1 - Vegetative Stabilization Methods and Materials.

**SEDIMENT AND EROSION CONTROL NOTES**

- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (318-085).
  - All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, and revisions thereto.
  - Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within:
    - calendar days for all permanent sediment control structures, ditches, perimeter slopes and all slopes greater than 3:1;
    - 14 days as to all other disturbed or graded areas on the project site.
  - All sediment traps/basins shall be fenced and warning signs posted around their perimeters in accordance with Vol. 1, Chapter 7, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
  - All disturbed areas must be stabilized within the time period specified above, in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, for permanent seedings, soil, temporary seedings and mulching (See G).
  - Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
  - All sediment control structures are to remain in place and are to be maintained in operative condition until their removal has been obtained from the Howard County Sediment Control Inspector.
- SITE ANALYSIS:**
- |                                     |            |
|-------------------------------------|------------|
| Total Area of Site:                 | 2.71 Acres |
| Area Disturbed:                     | 2.60 Acres |
| Area to be seeded or paved:         | 0.25 Acres |
| Area to be vegetatively stabilized: | 1.61 Acres |
| Total Cut:                          | 1784 CY    |
| Total Fill:                         | 5460 CY    |
- Offsite Waste/Borrow Area Location: \_\_\_\_\_
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
  - Additional sediment control must be provided, if deemed necessary by the Howard County DPM Sediment Control Inspector.
  - On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
  - Trenches for the construction of utilities shall be backfilled and stabilized within one working day, or is limited to three pipe lengths.
  - The total amount of silt fence = 356 LF
  - The total amount of super silt fence = 1,243 LF
  - The total amount of super diversion fence = N/A
- \* It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from the sediment control inspector of the site and the grading permit number at the time of construction.

**CONSTRUCTION SEQUENCE:**

- |  |             |
|--|-------------|
| 1. Obtain grading permit.  | NO. OF DAYS |
| 2. Install tree protection fence.  | 7           |
| 3. Install sediment and erosion control devices and stabilize.   | 14          |
| 4. Excavate for foundations, rough grade and temporarily stabilize.  | 30          |
| 5. Construct structures, sidewalks and driveways.  | 60          |
| 6. Final grade, install Erosion Control Matting and stabilize in accordance with standards and specifications. | 14          |
| 7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize. | 7           |
- \* Delay construction of houses on lots: N/A



**BLAZE ORANGE PLASTIC MESH TYPICAL TREE PROTECTION FENCE DETAIL**

NO SCALE

**NOTES:**

- Forest protection device only.
- Boundaries of retention area should be staked and flagged prior to installation.
- Root damage should be avoided.
- Protection signs should be used.
- Device should be maintained throughout construction.

**OWNER/DEVELOPER**  
HOWARD RESEARCH AND DEVELOPMENT CORP  
10275 LITTLE PATUXENT PARKWAY  
COLUMBIA, MD 21044

APPROVED: DEPARTMENT OF PLANNING & ZONING  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
CHIEF, DIVISION OF LAND DEVELOPMENT  
DIRECTOR

DATE: 8/16/00  
DATE: 8/17/00  
DATE: 8/18/00

Reviewed for: HOWARD S.C.D.  
and met Technical Requirements  
Signature: Kent Simmon  
Signature: John Padgett  
Signature: [unclear]

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

DATE: 8/15/00  
Approved: [unclear]

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DATE: 6-26-00

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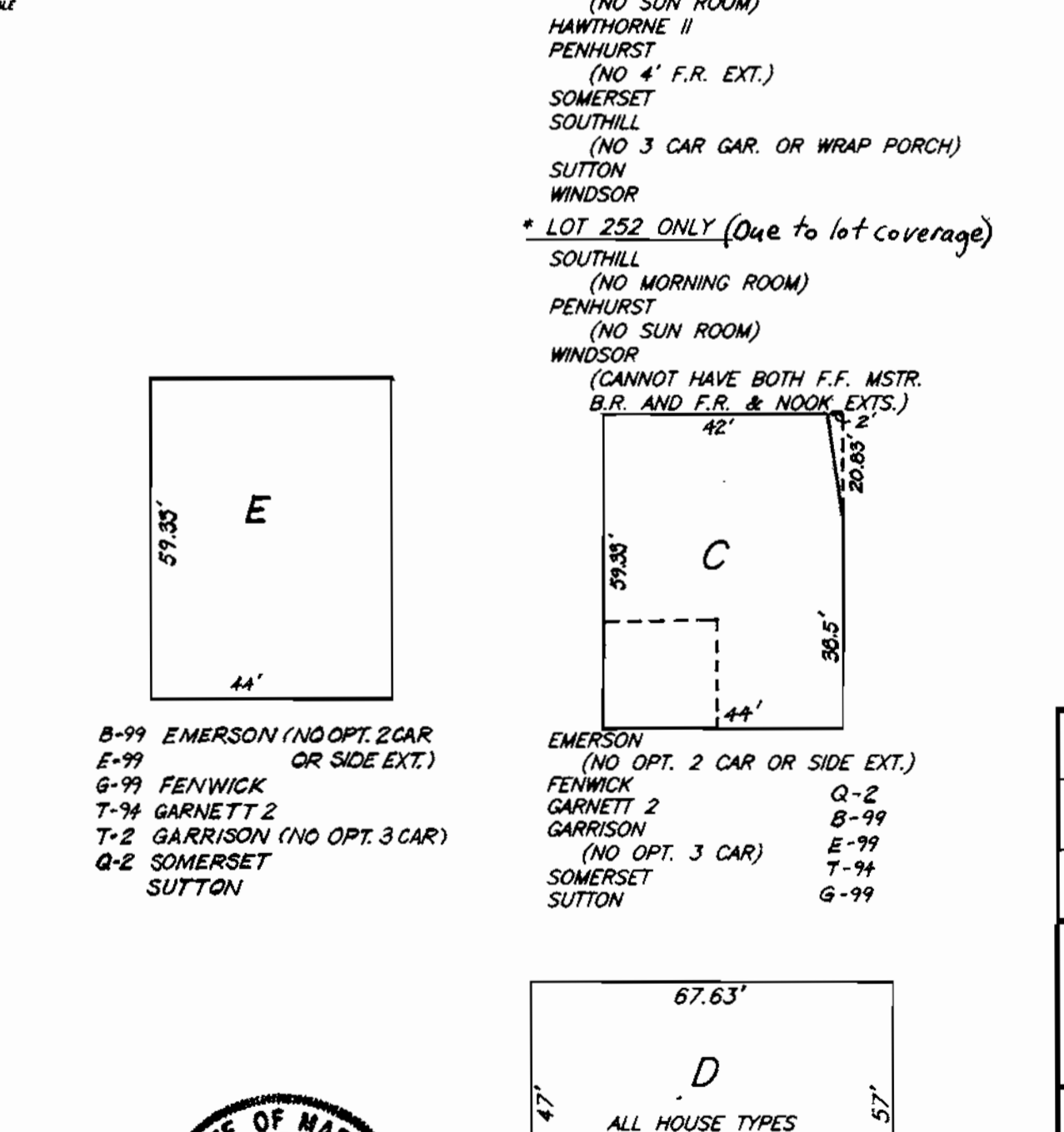
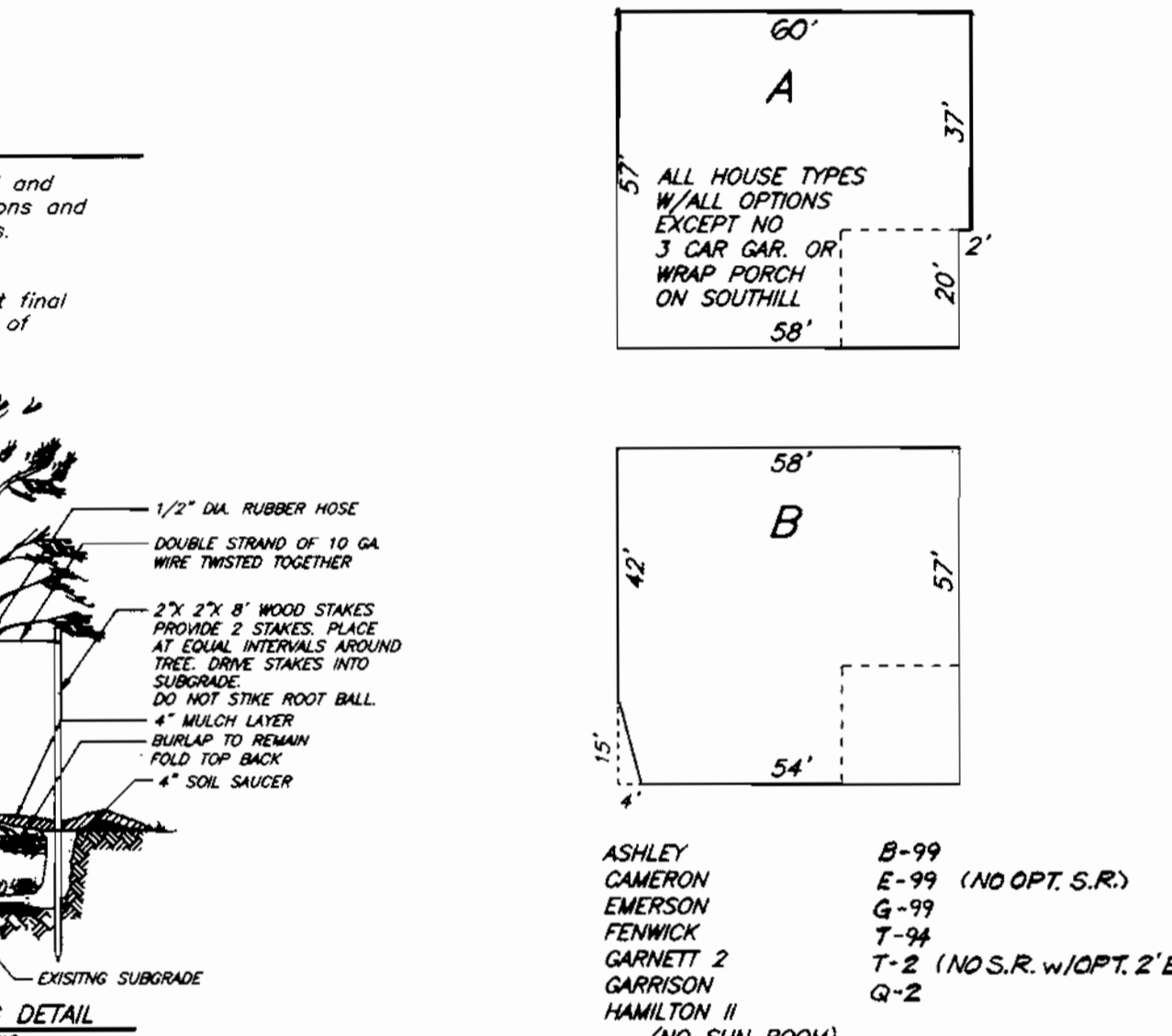
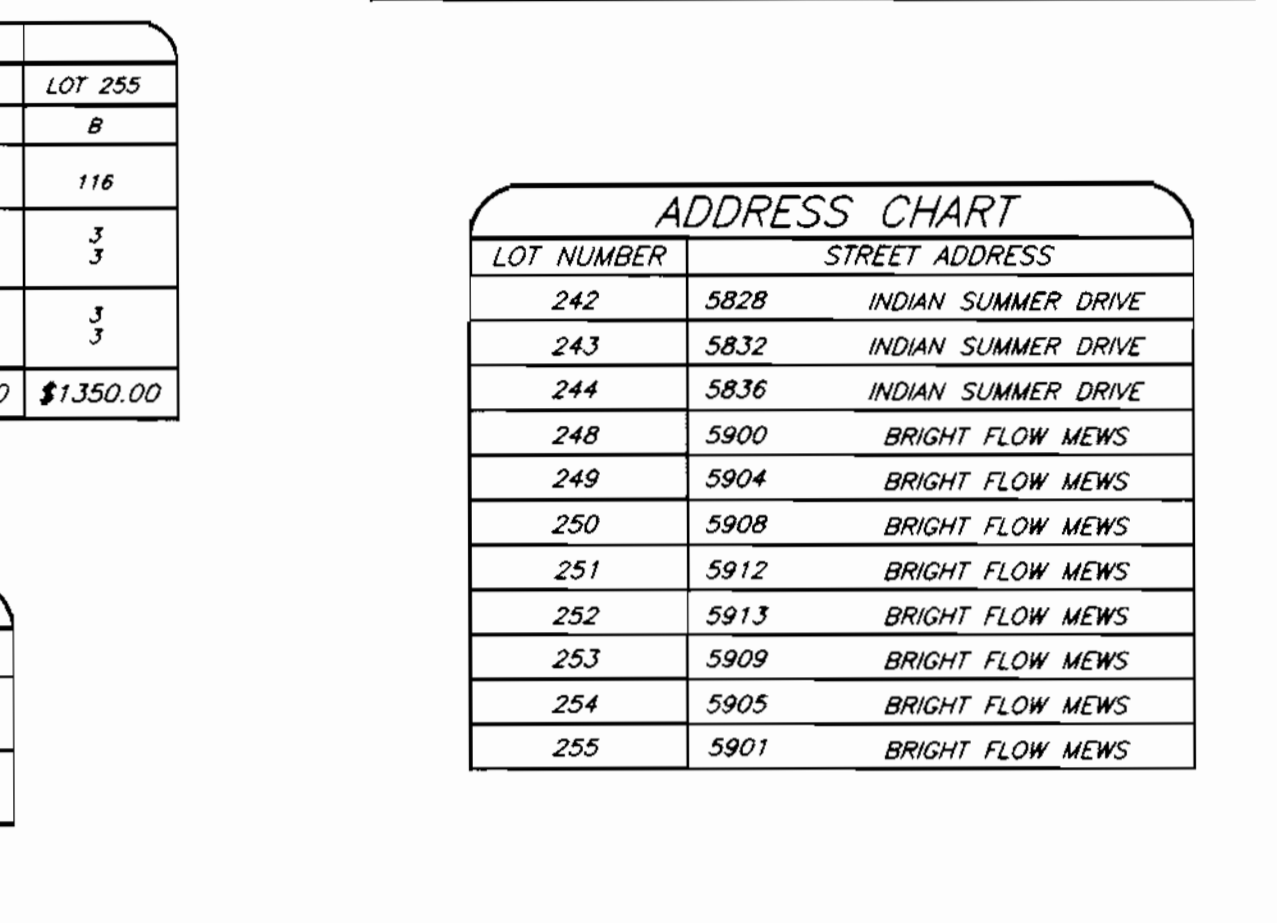
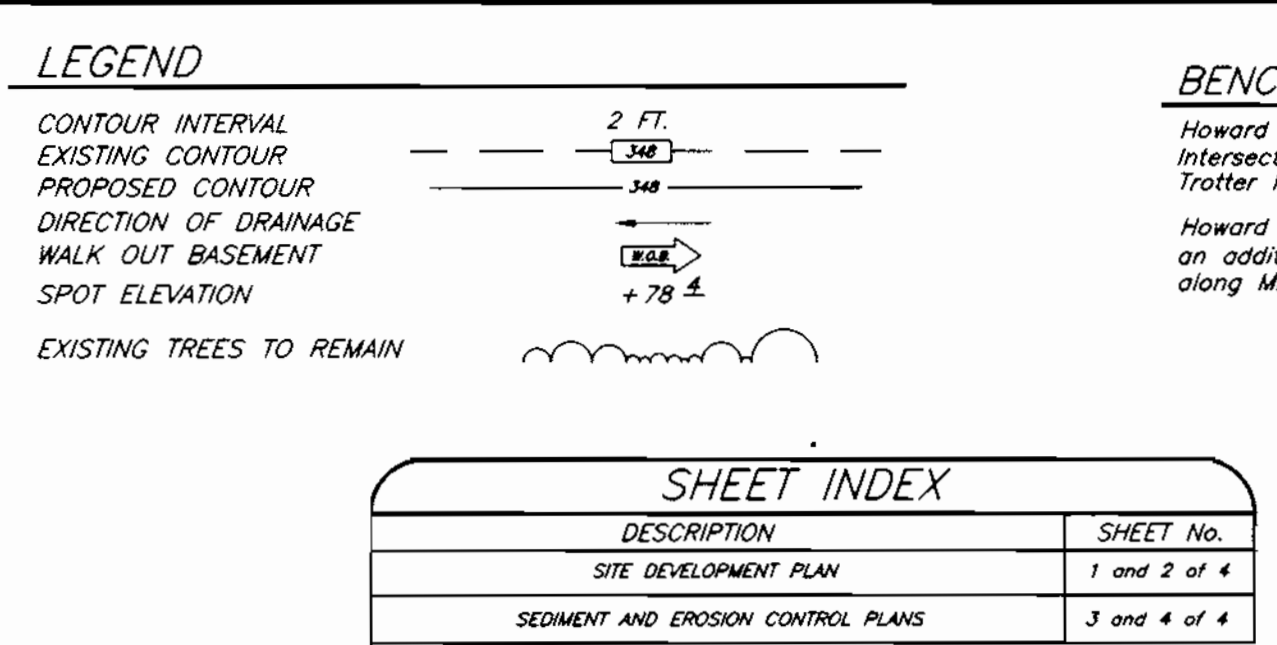
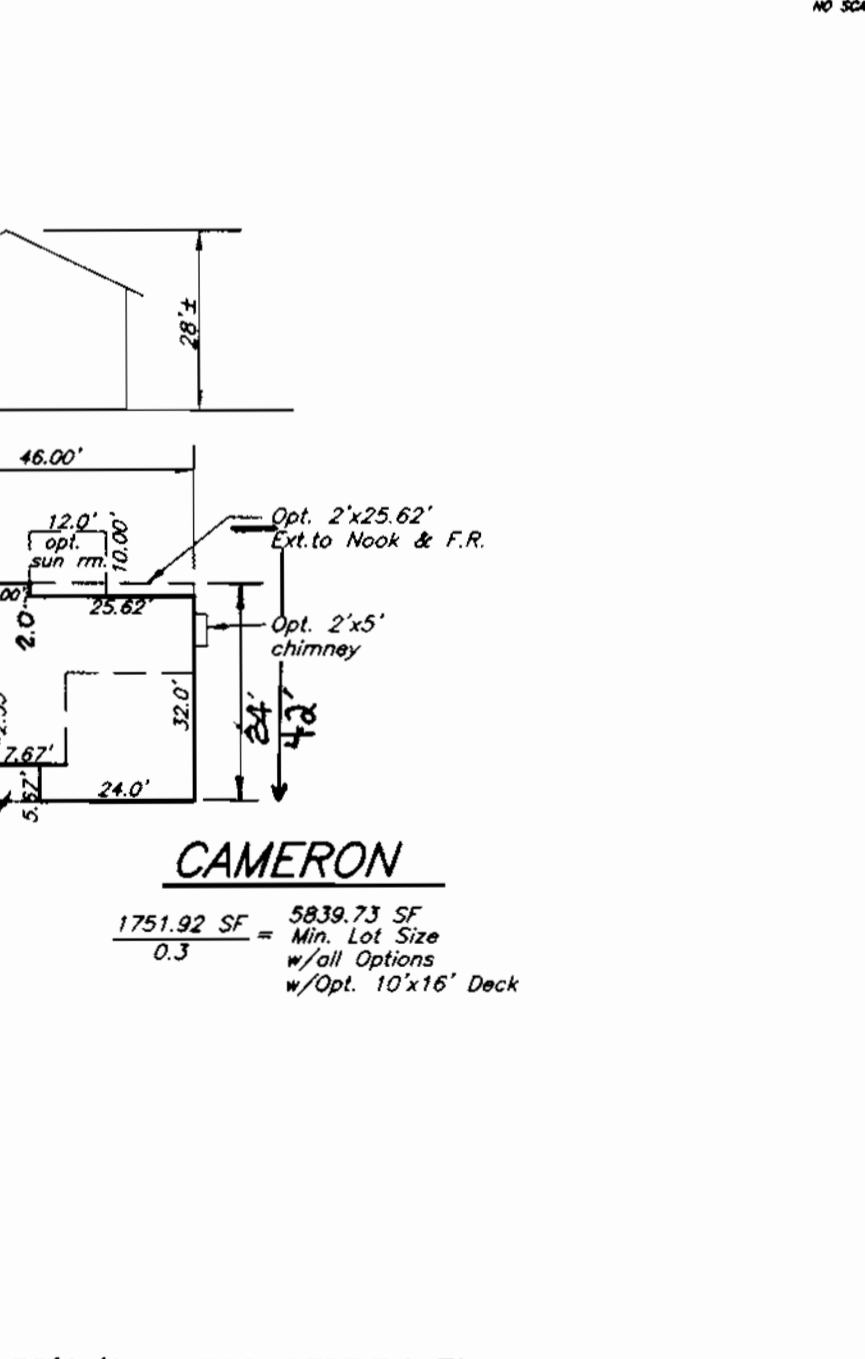
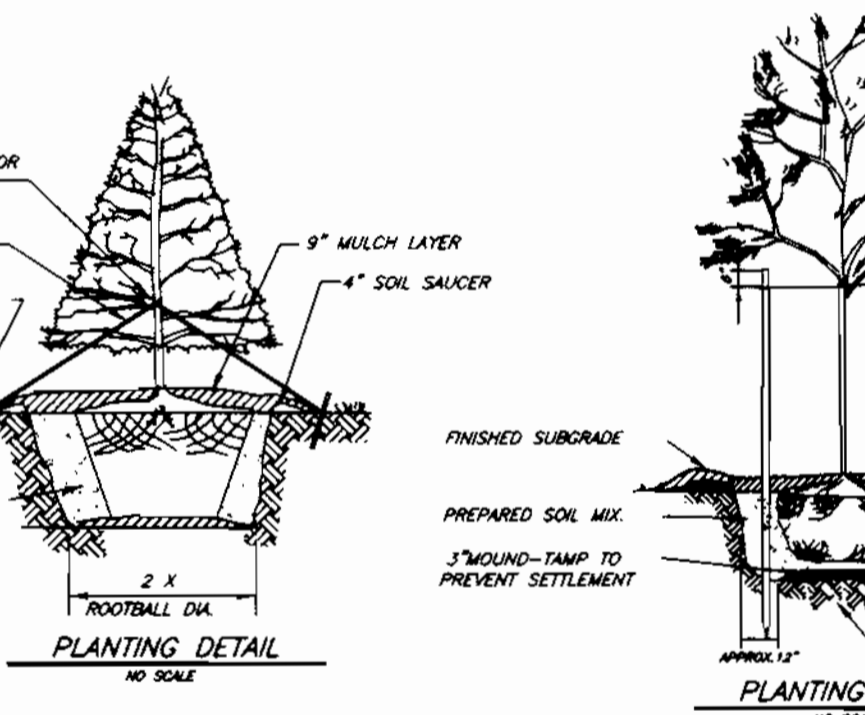
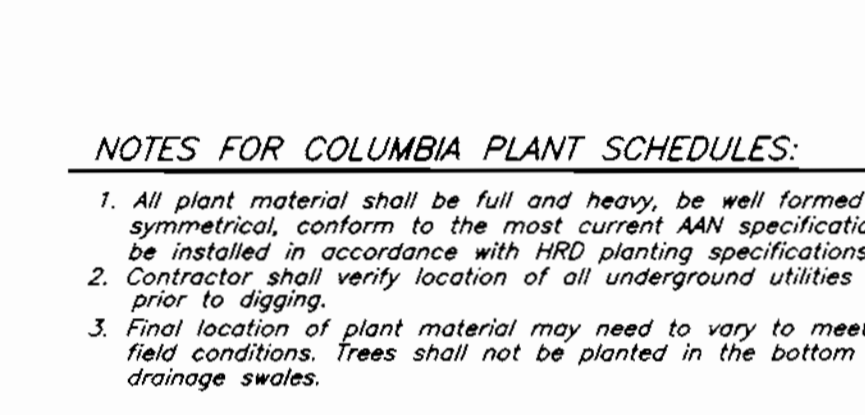
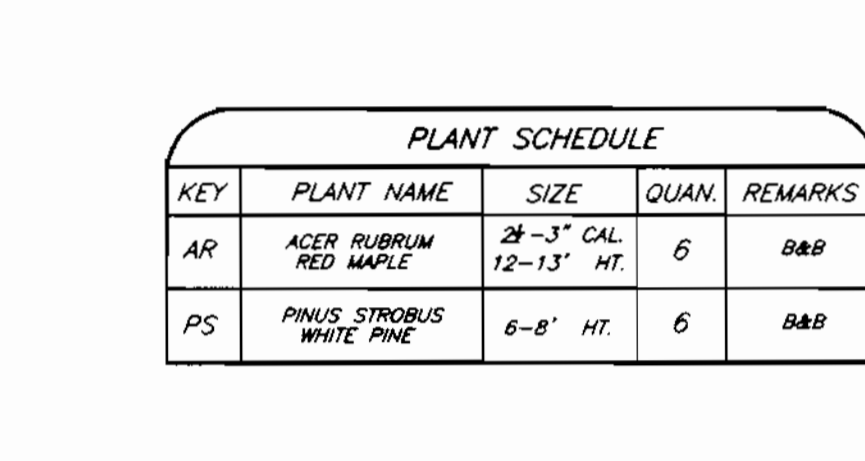
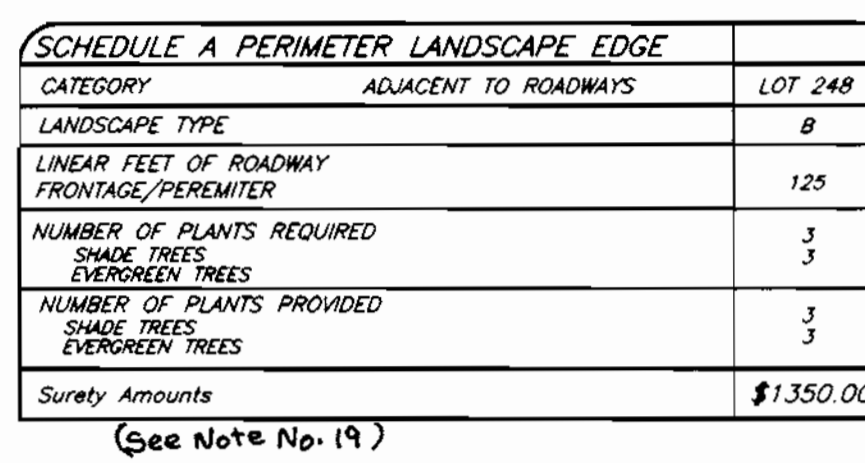
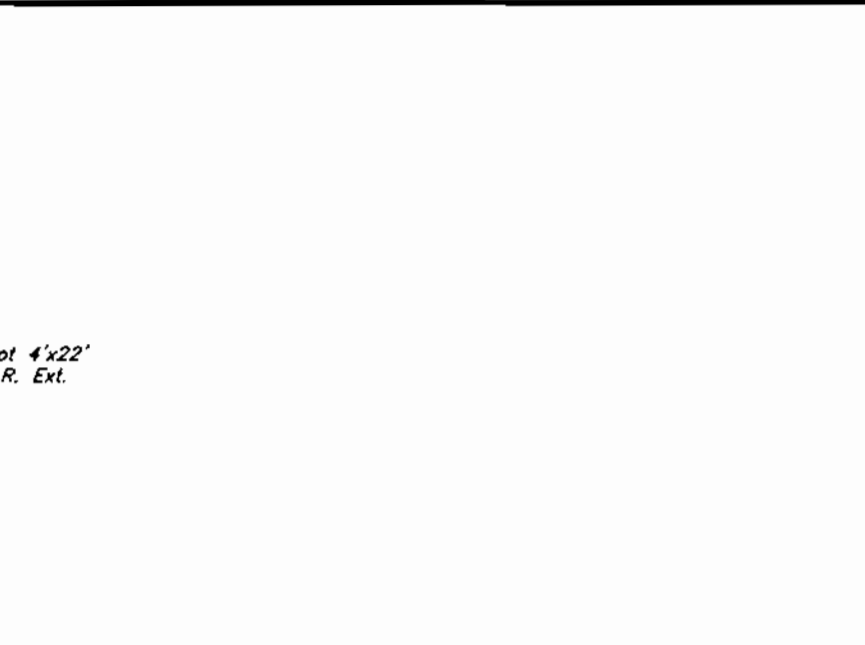
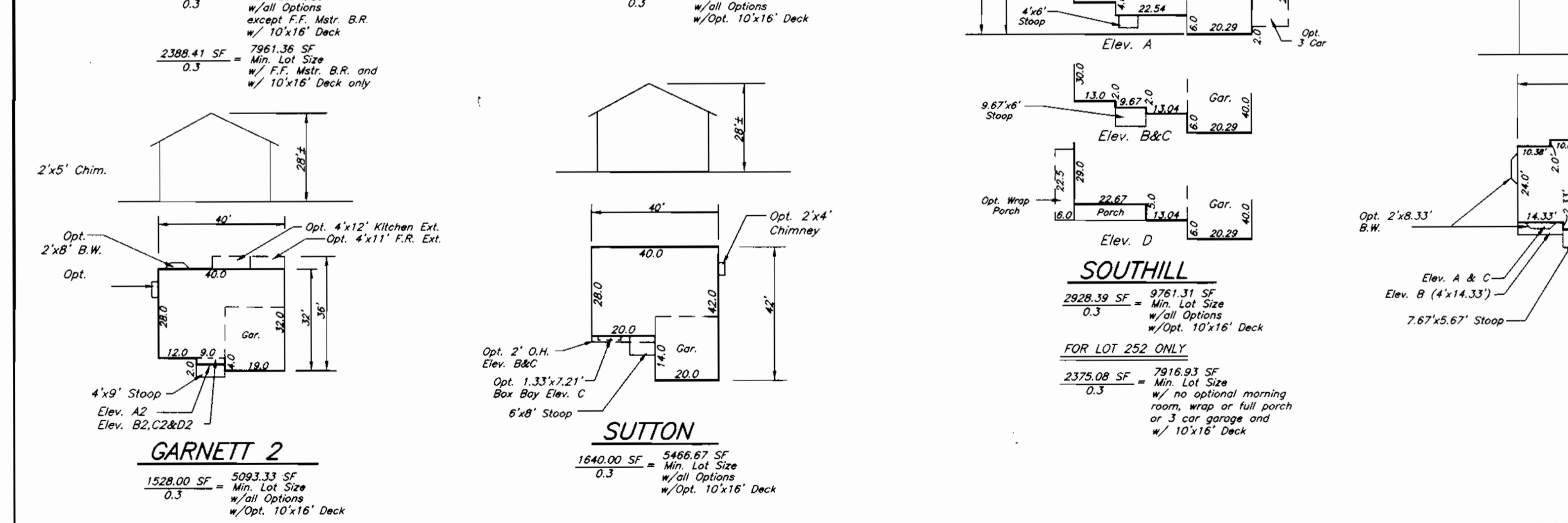
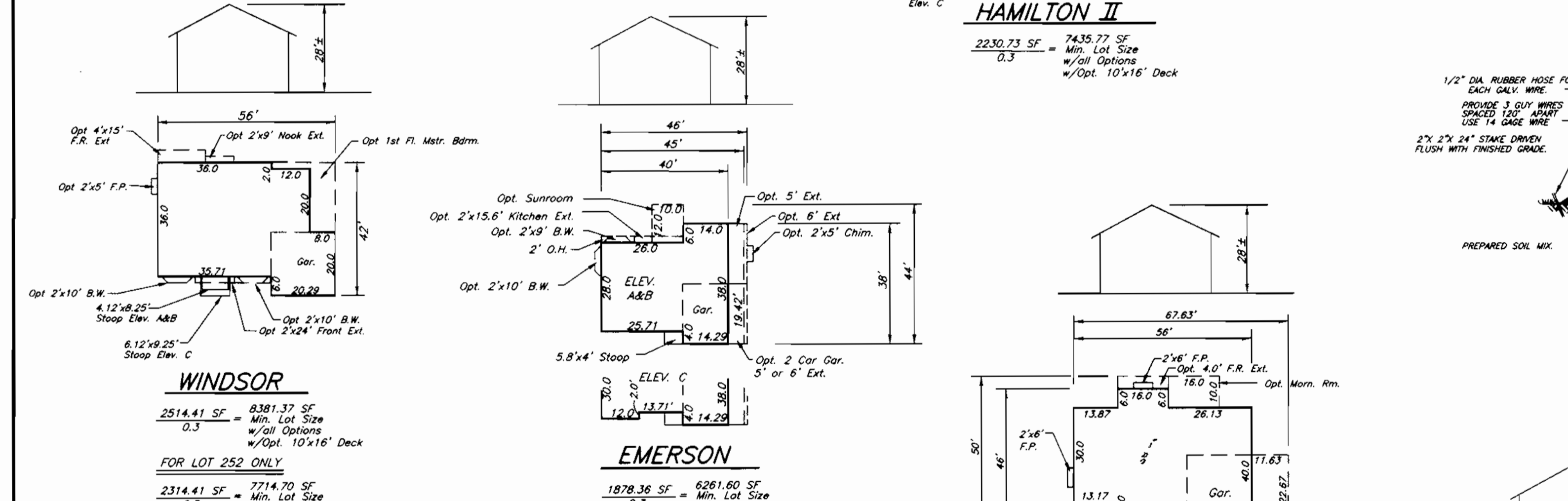
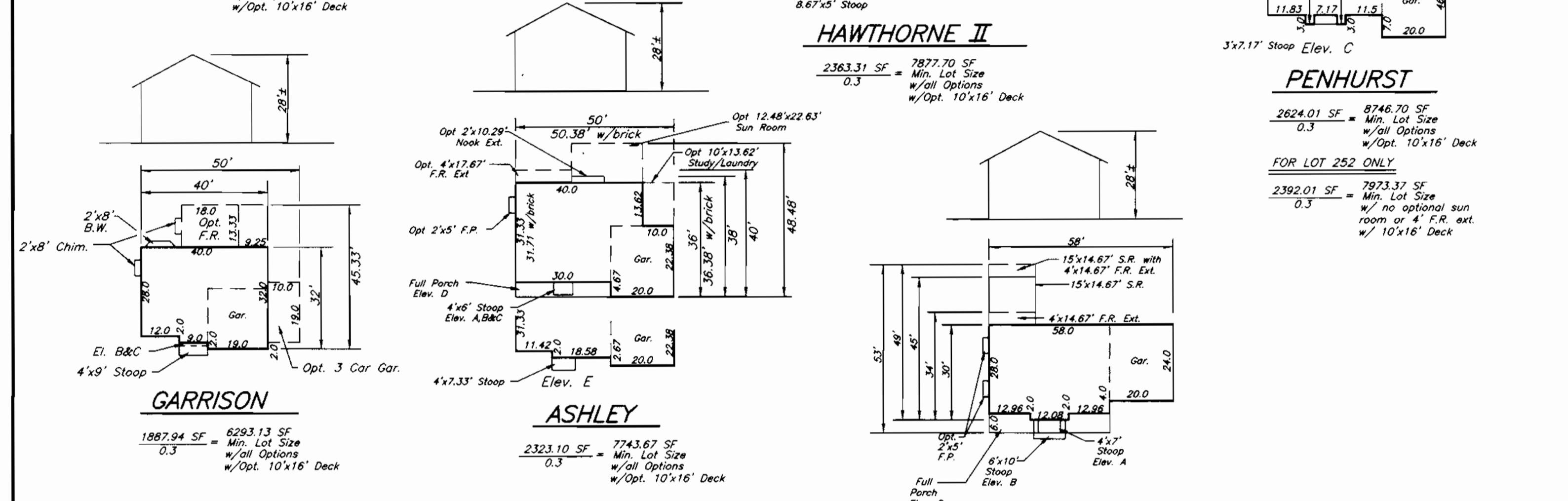
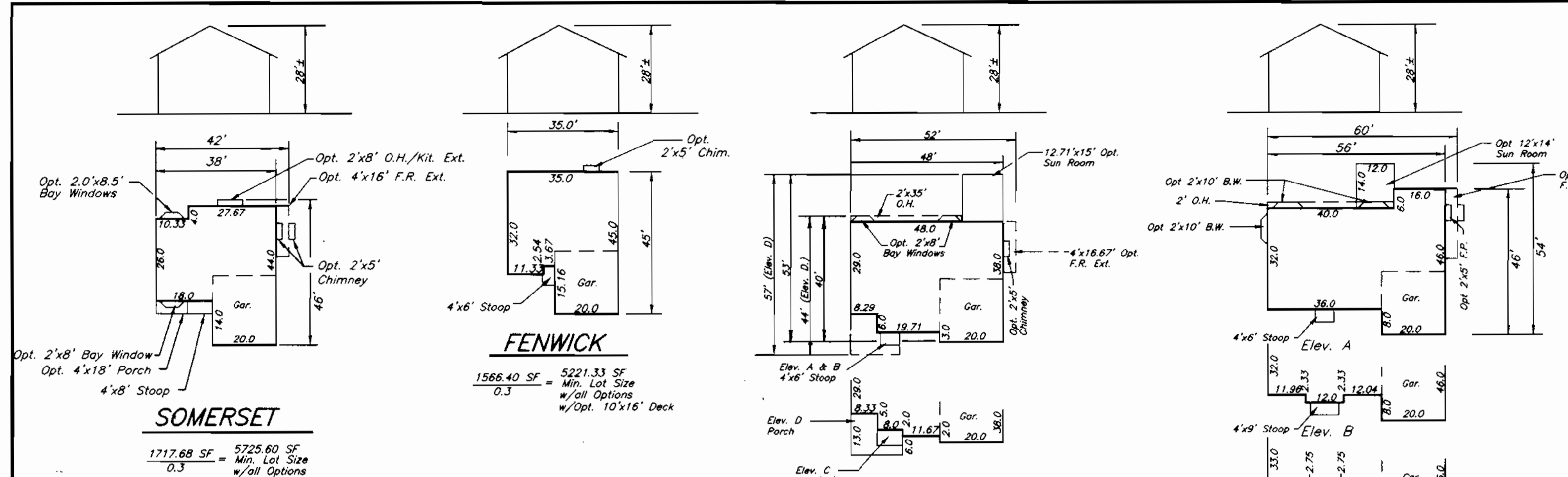
NAME: G. NELSON CLARK  
DATE: 6-26-00

**CLARK • FINEFROCK & SACKETT, INC.**  
ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALT. • (301) 621-8100 WASH.

DESIGNED PAC	SEDIMENT CONTROL DETAILS LOTS 242-244 & 248-255	SCALE
DRAWN Z H	COLUMBIA VILLAGE OF RIVER HILL	DRAWING 4 of 4
CHECKED	SECTION 4 AREA 4 FIFTH (51A) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 00-039
DATE 6-16-00	FOR: RYLAND GROUP 7250 PARKWAY DRIVE HANOVER, MARYLAND 21076	FILE NO. 00-039-5 LE

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APPROVED: DEPARTMENT OF PLANNING & ZONING  
 Chief, Development Engineering Division  
 Chief, Division of Land Development  
 Director

REVISIONS

NO.	DESCRIPTION	DATE
1	Rev. C Box, add E Box to Accommodate new house models being added (SEE SHEET 2 OF 4)	10-25-00

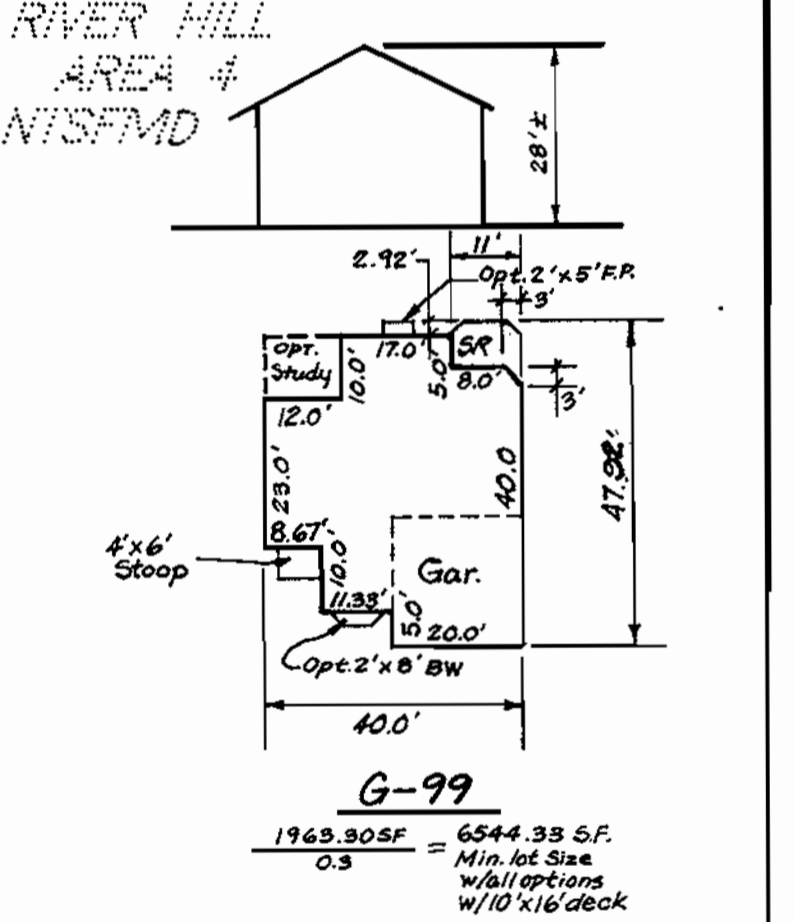
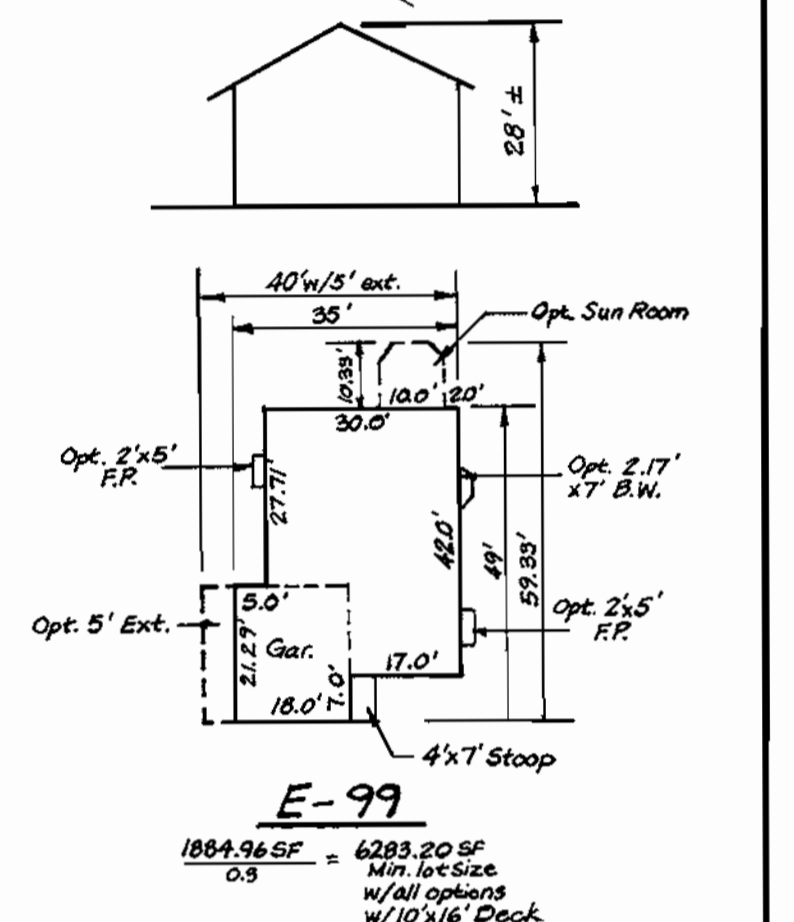
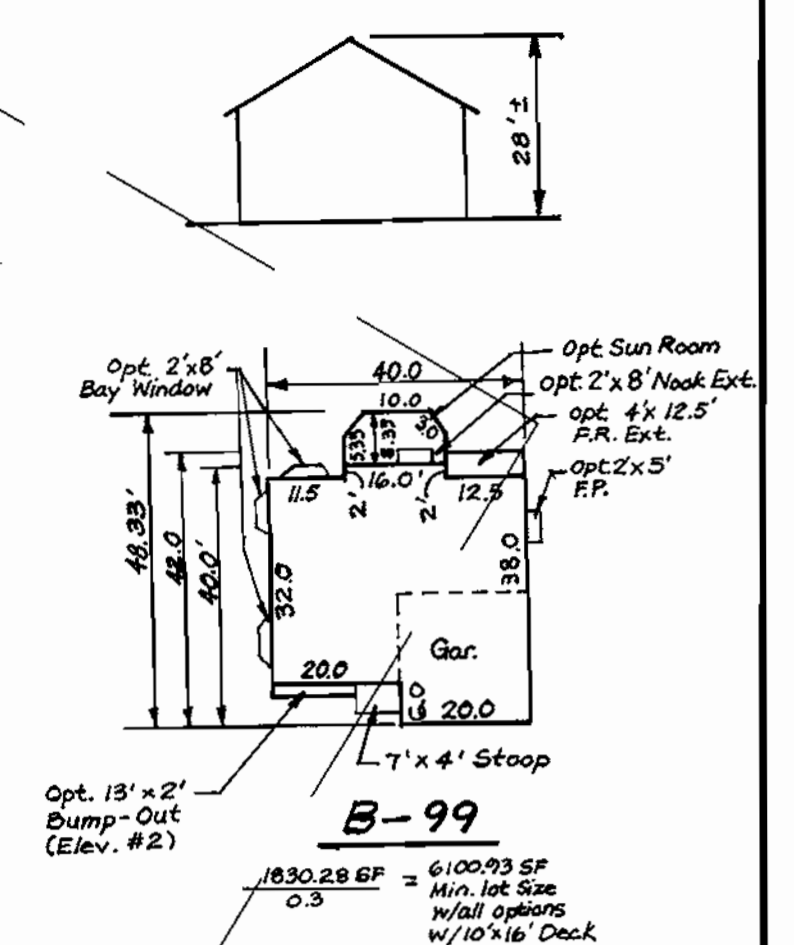
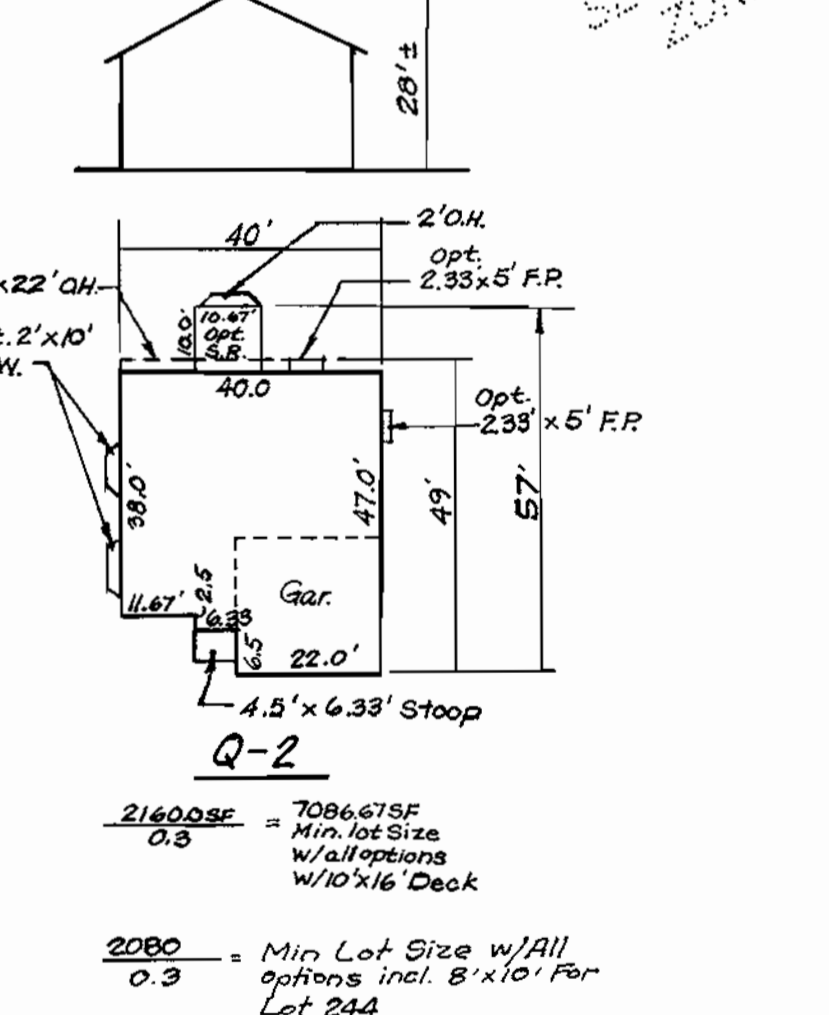
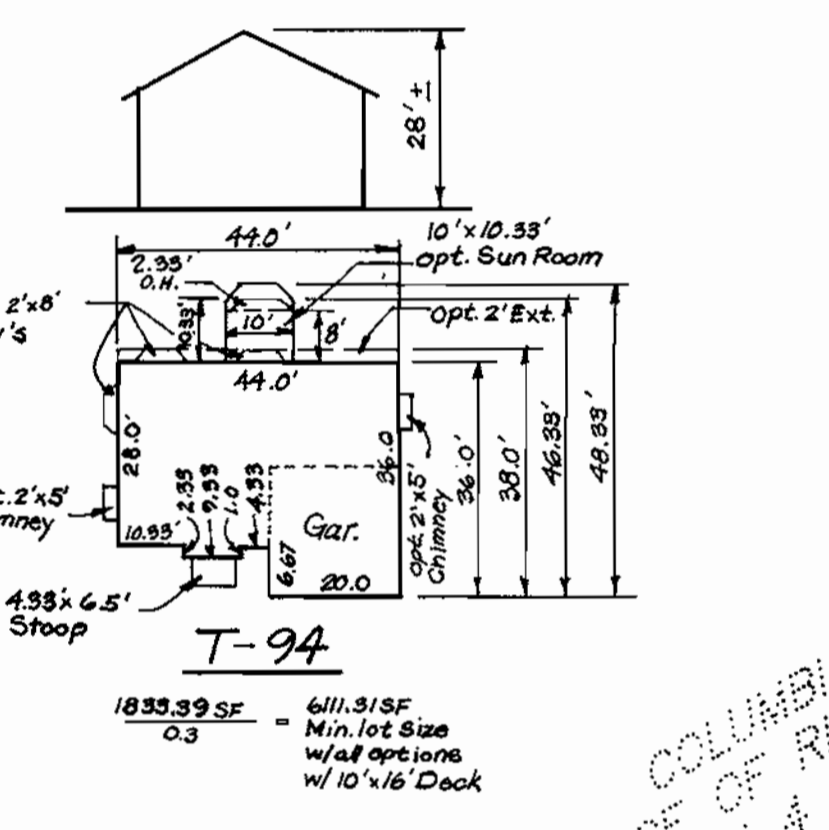
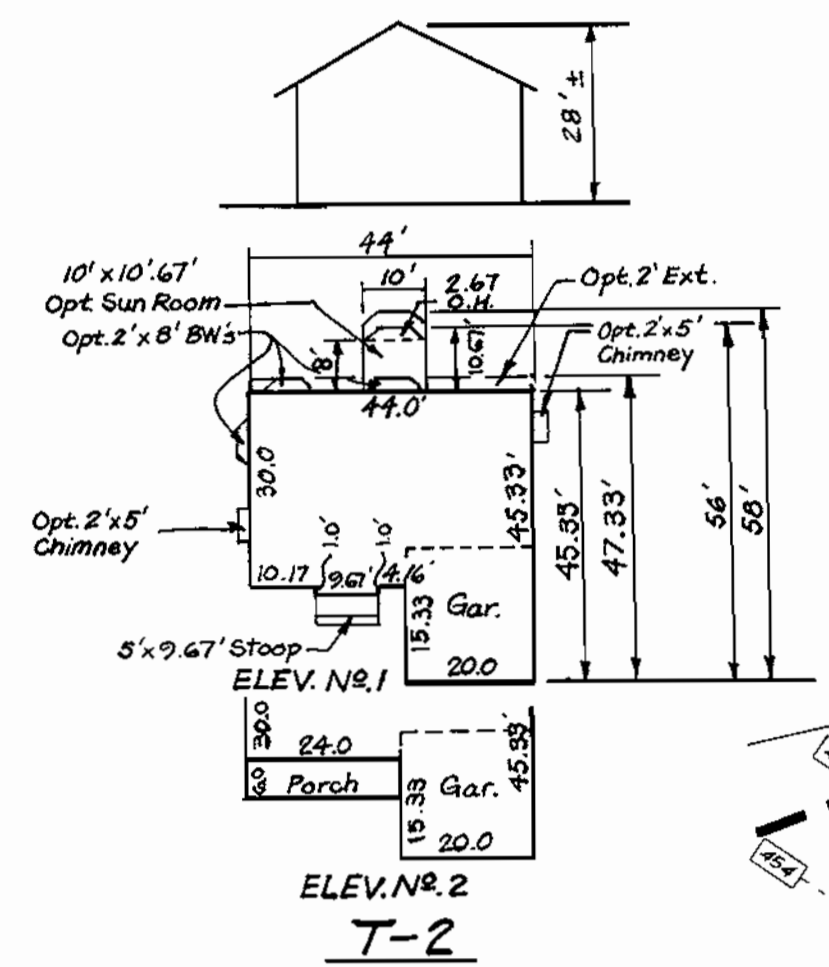
DEVELOPER'S/BUILDERS CERTIFICATE  
 I/We certify that the landscaping shown on this plan will be done according to plan, section 16.124 of the Howard County Code and the Howard County Landscape Manual. I/We further certify that upon completion a Certificate of Landscape Installation, accompanied by an executed one year guarantee of plant materials, will be submitted to the Department of Planning and Zoning.

Name: [Signature] Date: 8-4-00

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

DESIGNED	DM	SITE DEVELOPMENT PLAN	SCALE
DRAWN	BLP/ZH	LOTS 242-244 & 248-255	1" = 30'
CHECKED	DM	COLUMBIA VILLAGE OF RIVER HILL	DRAWING
DATE	8-4-2000	SECTION 4 AREA 4 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	1 of 4
		FOR: RYLAND GROUP, INC. 7250 PARKWAY DRIVE HANOVER, MARYLAND 21078	JOB NO. 00-039
			FILE NO. 00-039X

**LEGEND**  
 CONTOUR INTERVAL 2 FT.  
 EXISTING CONTOUR 2.50  
 PROPOSED CONTOUR 3.00  
 DIRECTION OF DRAINAGE 4.00  
 WALK OUT BASEMENT 5.00  
 SPOT ELEVATION 78.4  
 TREE PROTECTION FENCE 8.00  
 EXISTING TREES TO REMAIN 9.00  
 STREET TREES PER F-95-130 10.00



1	Added T-2, T-94, B-99, E-99, G-99, & Q-2 house models to plan, enlarge boxes to accommodate them	10-2-00
Revisions		Date
APPROVED: DEPARTMENT OF PLANNING & ZONING		
CHIEF, DEVELOPMENT ENGINEERING DIVISION	CHIEF, DIVISION OF LAND DEVELOPMENT	DATE
DIRECTOR	DIRECTOR	DATE

COLUMBIA VILLAGE OF RIVER HILL SECTION 4 AREA 4 ZONED: NISFMD



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DESIGNED BAL	SITE DEVELOPMENT PLAN LOTS 242-244 & 248-255 <b>COLUMBIA VILLAGE OF RIVER HILL</b> SECTION 4 AREA 4 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN/JTR BLP/KBR		DRAWING 2 of 4
CHECKED BAL		JOB NO. 00-039
DATE 6-16-00	FOR: RYLAND GROUP, INC 1250 PARKWAY DRIVE HANOVER, MARYLAND 21076	FILE NO. 00-039X

