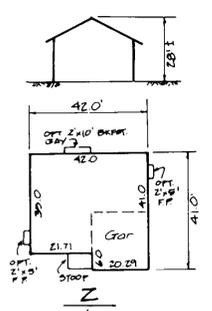
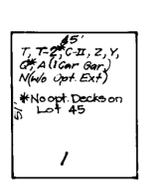


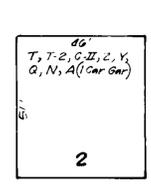
**C-II**  
 1634.32# 5447.73# Min lot size w/all opts shown  
 0.3  
 1784.32# 6947.75# Min lot size w/all opts plus 10'x15' Deck



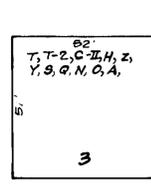
**Z**  
 1715.74# 5710.13# Min lot size w/all opts shown  
 0.3  
 1865.74# 6219.33# Min lot size w/all opts plus 10'x15' Deck



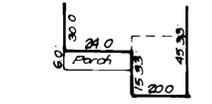
**1**  
 T, T-2, C-II, Z, Y, A (Car Gar), N (No Opt. Ext.)  
 #No Opt. Deck on Lot 45



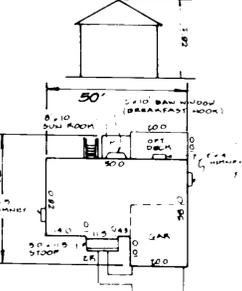
**2**  
 T, T-2, C-II, Z, Y, G, N, A (Car Gar)



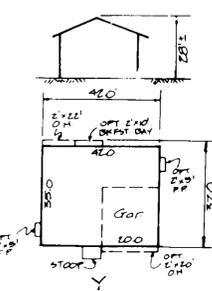
**3**  
 T, T-2, C-II, H, Z, Y, S, G, N, O, A



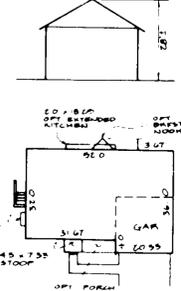
**T-2 Elev. N#2**  
 2,202.77# 7342.56# Min Lot Size w/all options incl. 10'x15' Deck not shown



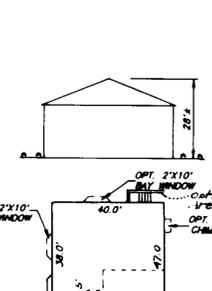
**H**  
 2011.8# 6705# Min lot size w/all opts shown (including 10'x20' Deck)



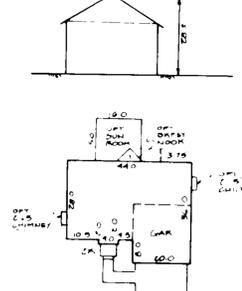
**Y**  
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 0.3  
 1808.0# 6029.07# Min Lot Size w/all opts plus 10'x15' Deck



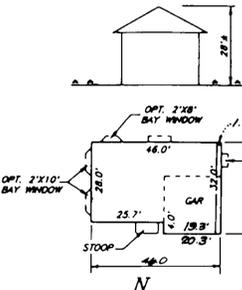
**S**  
 1081.0# 6604.33# Min Lot Size w/all opts shown  
 0.3  
 2131.0# 7102.33# Min Lot Size w/all opts plus 10'x15' Deck



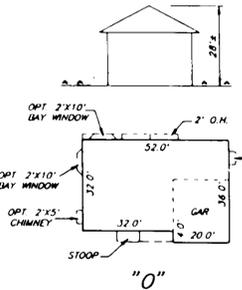
**Q**  
 1015# 6383.33# Min Lot Size w/all opts shown  
 0.3  
 2005# 6883.33# Min Lot Size w/all opts plus 10'x15' Deck



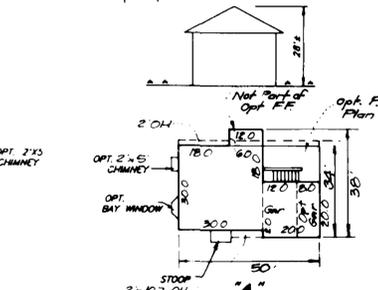
**T**  
 1706# 5882.67# Min lot size w/all opts shown  
 0.3  
 1010# 6382.67# Min Lot Size w/all opts shown plus 10'x15' Deck



**N**  
 1531.2# 5104# Min lot size w/all opts shown  
 0.3  
 1881.2# 5804# Min Lot Size w/all opts plus 10'x15' Deck

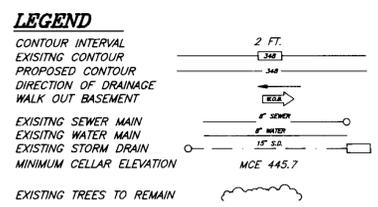


**O**  
 2033# 6770.67# Min lot size w/all opts shown  
 0.3  
 2183# 7270.67# Min Lot size w/all opts plus 10'x15' Deck

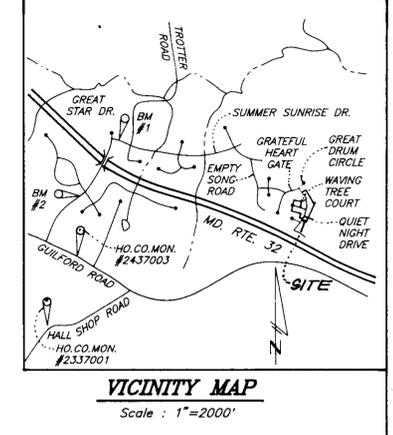


**A**  
 1782# 5001.33# Min lot size w/all opts shown  
 0.3  
 1938# 6400# Min Lot Size w/all opts plus 10'x15' Deck  
 1446.4# 4821.33# Min lot size w/1 car gar. & all opts plus 10'x15' Deck

LOT NUMBER	STREET ADDRESS
16	G405 QUIET NIGHT RIDE
17	G400
18	G413
19	G417
20	G421
21	G425
22	G429
23	G433
24	G437
25	G441
44	G436
45	G432
46	G428
47	G505 WAVING TREE COURT
48	G500
49	G513
55	G516
56	G512
57	G508
58	G504
59	G500



**BENCHMARKS:**  
 BM#1  
 Railroad Spike in Pole #525680  
 Trotter Road Elevation 393.27  
 N495697.02 E822026.81  
 BM#2  
 Railroad Spike in Poplar  
 Elevation 438.92  
 N495551.90 E820727.80



Category	Adjacent to Roadways
Landscape Type	A
Linear Feet of Frontage	215
Number of Plants Required Shade Trees	3 (1/60)
Number of Plants Provided Shade Trees	0

\* Comments: Planting to be provided per the New Town Alternative Compliance method.

- GENERAL NOTES:**
- Subject property is zoned: N.T.S.F.M.D. per 10-18-93 Comprehensive Zoning Plan.
  - The total area included in this submission is: 4.182 Acres
  - The total number of lots included in this submission is: 21
  - Improvement to property: Single Family Detached
  - The maximum lot coverage permitted is: 30%
  - Department of Planning and Zoning reference file numbers are: F-96-98, S-91-03, P-92-13, P-92-15, P-92-17, F-95-15, S-91-03, P-92-13, P-92-15, P-92-17
  - Utilities shown as existing are taken from approved Water and Sewer plans Contract # 34-3434-D, approved Road Construction plans F-96-98, and actual field survey.
  - Any damage to county owned rights-of-way shall be corrected at the developer's expense.
  - All roadways are public and existing.
  - The existing topography was taken from Road Construction Plans F-96-98 prepared by Riemer, Muegge & Associates, Inc., in July 1996.
  - The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monument Nos.: 2337001 and 2437003
  - The contractor shall notify the Department of Public Works/Division of Construction Inspection at (410) 313-1880 at least twenty-four (24) hours prior to the start of work.
  - The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
  - For driveway entrance details, refer to Ho. Co. Design Manual Volume IV details R-6.03 and R-6.05.
  - Stormwater Management is provided per: F-96-98
  - In accordance with FDP-Phase 209 Part VI, bay windows or chimneys not more than 10 feet in width may project not more than 4 feet into any setbacks; porches and decks may project not more than 3 feet into the front or rear setbacks.
  - Stormwater Management Quantity Control is provided by the 1st. Rte. 32 Stream Crossings. Water Quality is provided by publicly owned Boardman Areas.
  - SHC elevations shown are located at the property line.
  - No clearing, grading or construction is permitted within Wetlands and Stream Buffers except as determined essential by the Dept. of Planning and Zoning in accordance w/section 16.116 (c) of the Subdivision and Land Development Regulations.
  - This plan has been prepared in accordance with the provisions of Section 16.124 of the Howard County Code and the Landscape Manual. Financial Surety in the amount of \$300,000 shall be part of the Builders Grading Permit Application.

**SPECIAL NOTES:**  
 This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-96-98 and/or approved Water and Sewer Plans Contract #34-3434-D.

DESCRIPTION	SHEET No.
SITE DEVELOPMENT PLAN	1 of 2
SEDIMENT AND EROSION CONTROL PLAN	3 of 4

**OWNER / DEVELOPER**  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 10275 LITTLE PATIENT PARKWAY  
 COLUMBIA, MARYLAND 21044

SUBDIVISION NAME	SECTION/AREA	LOTS/PARCELS
COLUMBIA VILLAGE OF RIVER HILL	2/G Ph. 1	16-25, 44-49, 55-59
PLAT NO.	BLOCK NO.	ZONE
12305	15 & 21	SFMD
TAX MAP NO.	ELECTION DIST.	CENSUS TRACT
35	5TH	6056
WATER CODE	SEWER CODE	
1 12	6640000	

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Chief, Development Engineering Division 1/13/97  
 Chief, Division of Land Development 1/16/97  
 Director 1/16/97



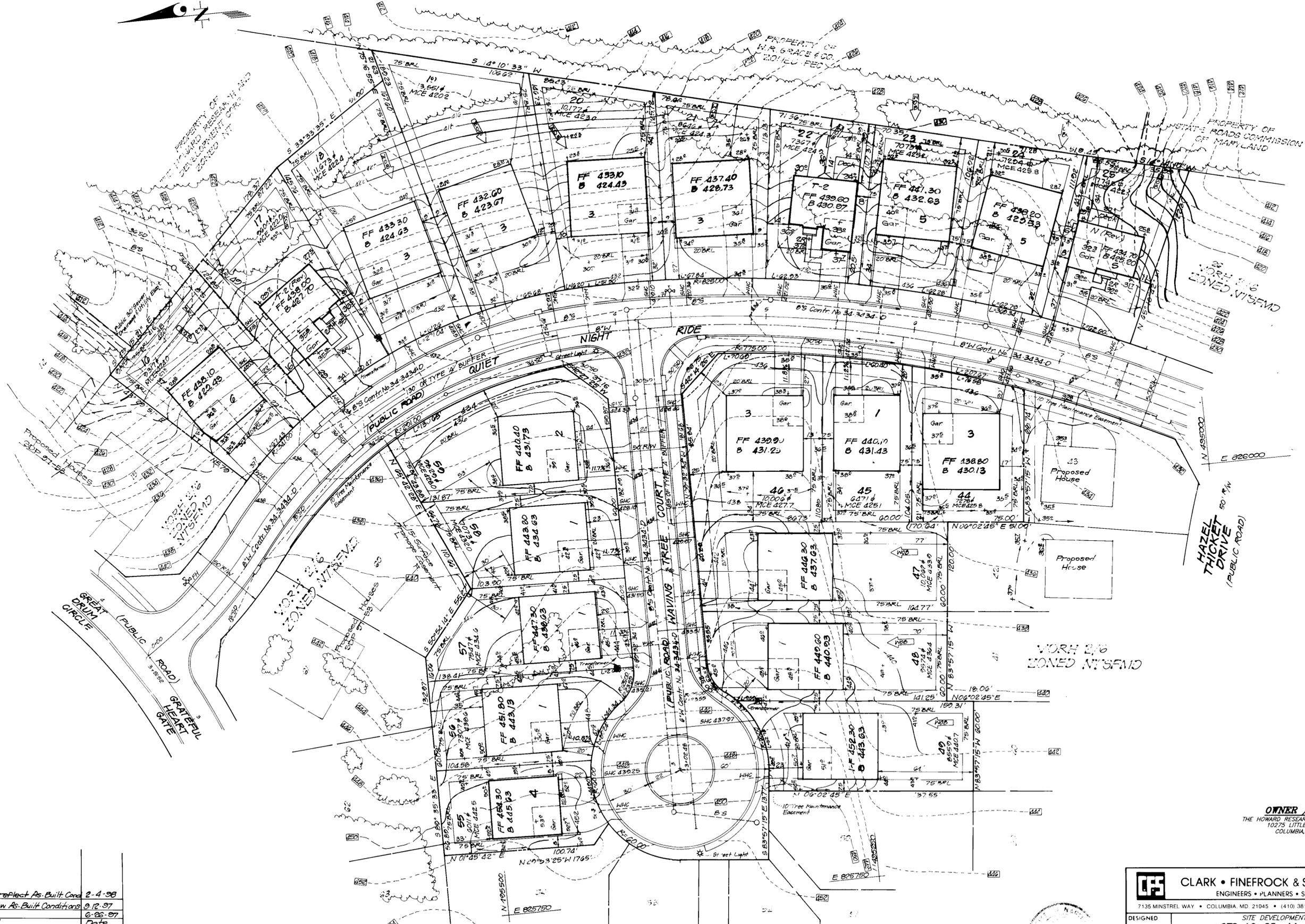
**CLARK • FINEFROCK & SACKETT, INC.**  
 ENGINEERS • PLANNERS • SURVEYORS

DESIGNED: JME  
 DRAWN: PS  
 CHECKED: JME  
 DATE: 1-2-97

SITE DEVELOPMENT PLAN  
 LOTS 16-25, 44-49, 55-59  
**COLUMBIA VILLAGE OF RIVER HILL**  
 SECTION 2, AREA 6, PHASE 1  
 FIFTH (5th) ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

FOR: PATRIOT HOMES, Inc.  
 P.O. Box 1018  
 Columbia, Maryland 21044

SCALE: 1"=30'  
 DRAWING: 1 OF 4  
 JOB NO: 96-160  
 FILE NO: 96-160X



3	Rev. hse. & grad. lot 17 to reflect As-Built Cond	2-4-98
2	Rev. hse. & grad. lot 25 to show As-Built Conditions	9-12-97
1	Rev. hse. & grad. lot 22	6-26-97
No.	REVISION	Date
APPROVED: DEPARTMENT OF PLANNING AND ZONING		
	<i>[Signature]</i>	1/13/97
	Chief, Development Engineering Division	Date
	<i>[Signature]</i>	1/16/97
	Chief, Division of Land Development	Date
	<i>[Signature]</i>	1/16/97
	Director	Date

**OWNER / DEVELOPER**  
 THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
 10275 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 - BALTO • (301) 621-8100 WASH.	
DESIGNED	JME	SITE DEVELOPMENT PLAN	SCALE
DRAWN	PS	LOTS 16-25, 44-49, 55-59	1"=30'
CHECKED	JME	<b>COLUMBIA</b>	DRAWING
DATE	1-2-97	<b>VILLAGE OF RIVER HILL</b>	2 OF 4
		SECTION 2, AREA 6, PHASE 1	JOB NO.
		FIFTH (5th) ELECTION DISTRICT	96-160
		HOWARD COUNTY, MARYLAND	FILE NO.
		FOR: PATRIOT HOMES, Inc.	96-160X
		P.O. Box 1018	
		Columbia, Maryland 21044	

**SEDIMENT TRAP No 1 (ST-II)**

Existing Drainage Area 1.23 Ac  
 Proposed Drainage Area 1.05 Ac  
 Total Storage Required 4423 of  
 Wet Storage Provided 3250 of  
 Wet Storage Elevation 414.0  
 Wet Storage Provided 2253 of  
 Top of Weir Crest/Dry Storage Elev. 416.00  
 Top of Embankment 417.0  
 Wet Storage Depth 3'  
 Dry Storage Depth 2'  
 Dry Storage Provided 3000 of  
 Bottom Dimensions 9'x44'  
 2:1 Side Slopes In Cut

**SEDIMENT TRAP No 2 (ST-I)**

Existing Drainage Area 0.82 Ac  
 Proposed Drainage Area 0.82 Ac  
 Storage Required 2952 of  
 Storage Provided 3153 of  
 Wet Storage Elevation 433.0  
 Wet Storage Provided 1476  
 Top of Weir Crest/Dry Storage Elev 435.5  
 Top of Embankment 436.0  
 Wet Storage Depth 3'  
 Dry Storage Depth 1.5'  
 Dry Storage Provided 1083 of  
 Bottom Dimensions 6'x35'  
 2:1 Side Slopes In Cut

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

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

NAME: *[Signature]* DATE: 10-22-96

Reviewed for HOWARD S.C.D. and meets Technical Requirements  
 Signature: *[Signature]* Date: 01-01-17  
 U.S. Natural Resources Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Approved: *[Signature]*

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
 Chief, Department Engineering Division: *[Signature]* 1/13/97  
 Chief, Division of Land Development: *[Signature]* 1/16/97  
 Director: *[Signature]* 1/16/97

**LEGEND**

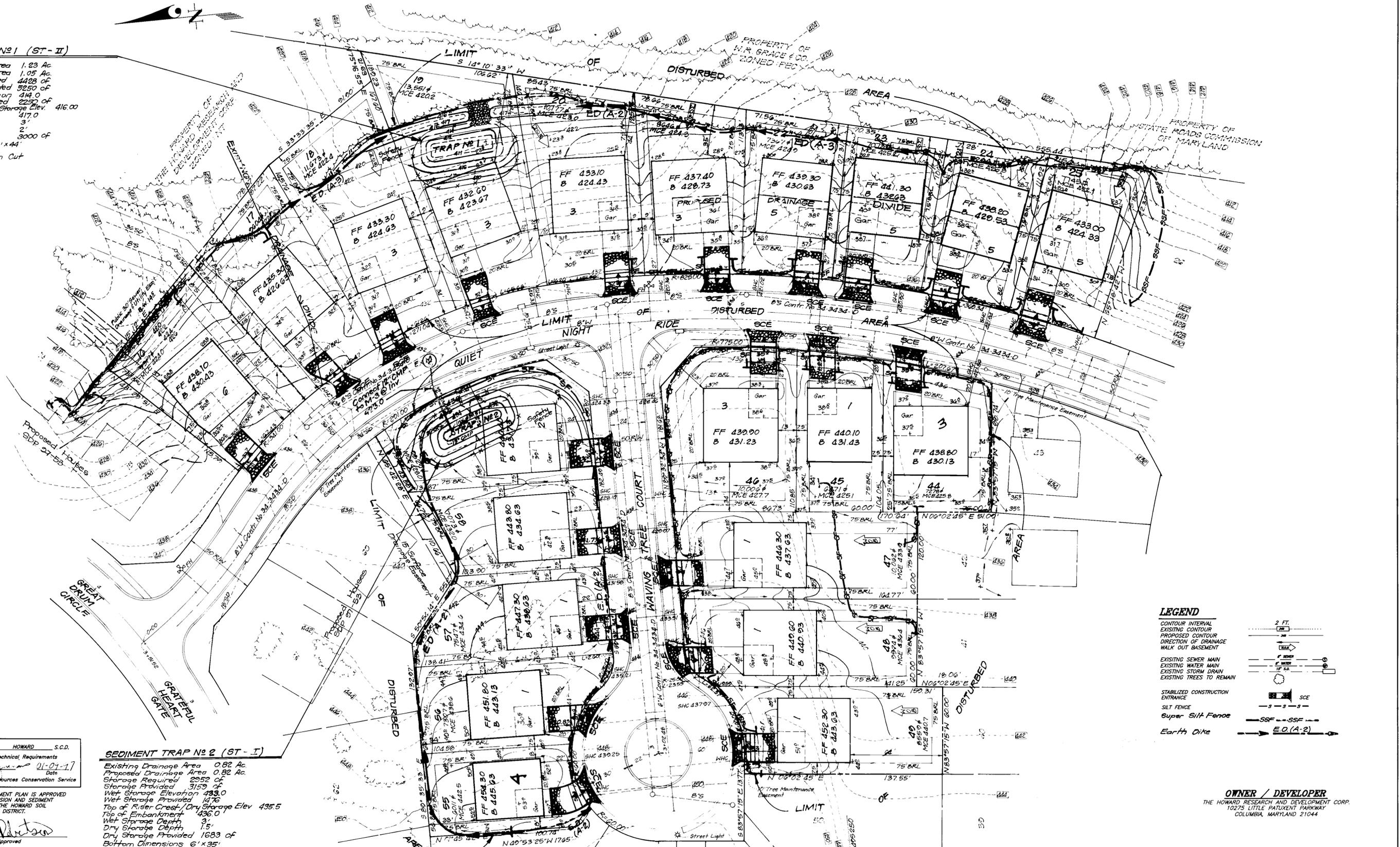
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- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF DRAINAGE
- WALK OUT BASEMENT
- EXISTING SEWER MAIN
- EXISTING WATER MAIN
- EXISTING STORM DRAIN
- EXISTING TREES TO REMAIN
- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- Super Silt Fence
- Earth Dike

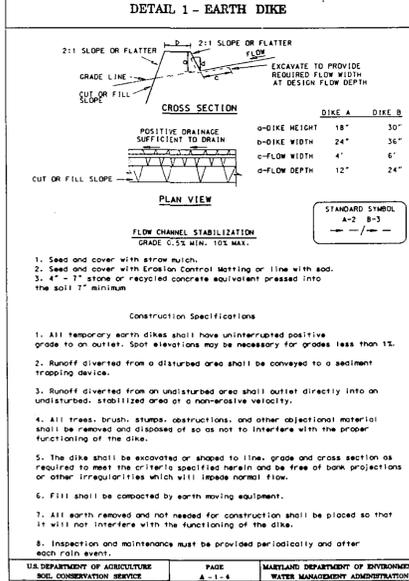
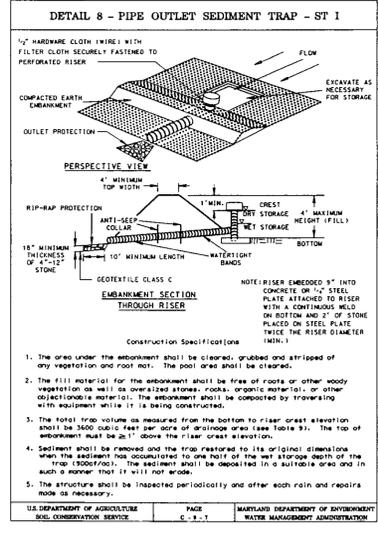
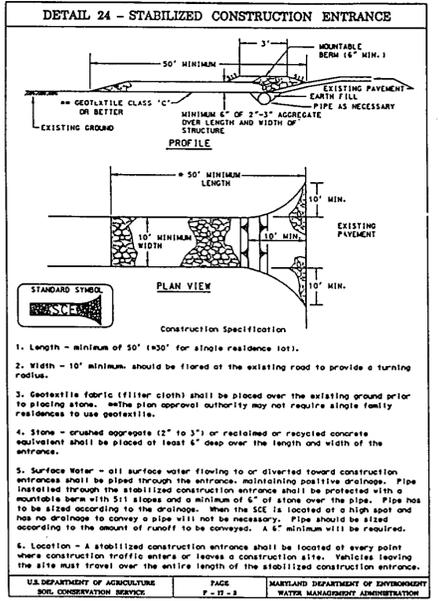
**OWNER / DEVELOPER**  
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 10275 LITTLE PATUXENT PARKWAY  
 COLUMBIA, MARYLAND 21044

<b>CLARK • FINEFROCK &amp; SACKETT, INC.</b> ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 BALTO • (301) 621-8100 WASH		DESIGNED: ZAL DRAWN: BAL CHECKED: [initials] DATE: 10-22-96	SCALE: 1"=30' DRAWING: 3 OF 4 JOB NO: 96-160 FILE NO: 96-160SE
SEDIMENT & EROSION CONTROL PLAN LOTS 16-25, 44-49, 55-59 <b>COLUMBIA VILLAGE OF RIVER HILL</b> SECTION 2, AREA 6, PHASE 1 FIFTH (5th) ELECTION DISTRICT HOWARD COUNTY, MARYLAND		FOR: PATRIOT HOMES, Inc. P.O. Box 1018 Columbia, Maryland 21044	



**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 10-22-96  
 G. NELSON CLARK DATE



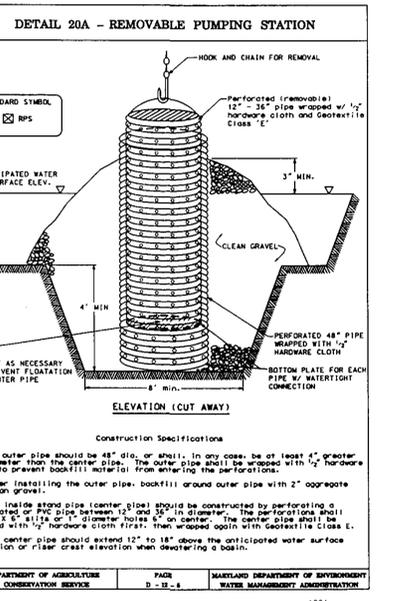
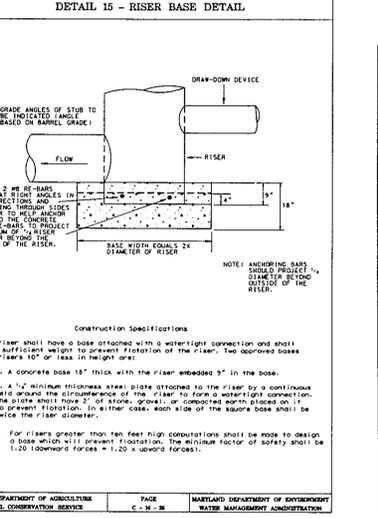
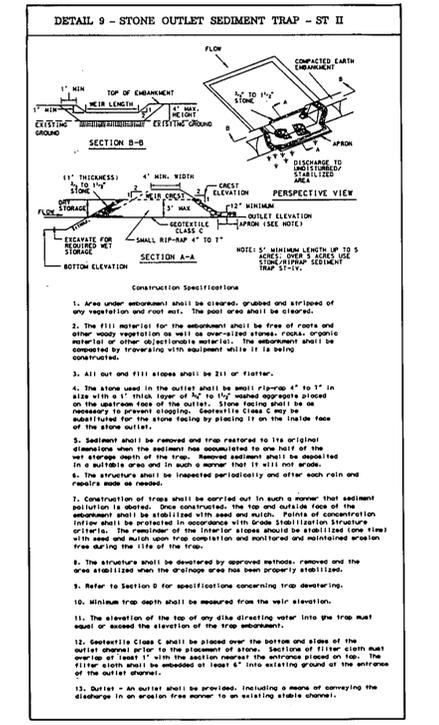


### SEDIMENT AND EROSION CONTROL NOTES

- 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 (313-1855).
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1984 MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within:
  - 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1
  - 14 days for all other disturbed or graded areas on the project.
- All sediment traps/basins shown must 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 1984 MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings, sod, temporary seeding and mulching (Sec 6). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- SITE ANALYSIS:
 

Total Area of Site:	4182 Ac.
Area to be roofed or paved:	1112 Ac.
Area to be vegetatively stabilized:	2732 Ac.
Total Cut:	1232 cu yd.
Total Fill:	1232 cu yd.
Offsite Waste/Borrow Area Location:	0'
- Any sediment control practice which is disturbed by grading activity for permanent 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 sediment control inspector of the site and approval of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Any 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 is limited to three pipe lengths or that which will be back-filled and stabilized within one working day, whichever is shorter.
- The total amount of silt fence = 1360 LF Super silt fence = 510 LF
 

\* It is the responsibility of the contractor to identify the spoil/borrow site and notify and gain approval from the sediment control inspector of the site and the grading permit number of the time of construction.



### CONSTRUCTION SEQUENCE

NO.	NO. OF DAYS
1. Obtain grading permit.	7
2. Install tree protection fences.	7
3. Install sediment and erosion control devices and stabilize.	7
4. Excavate for foundations, rough grade and temporarily stabilize.	10
5. Construct structures, sidewalks and driveways and temporarily stabilize.	10
6. Final grade and stabilize in accordance with Stds. and Specs.	10
7. Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.	7

\* Delay construction of houses on lots 5D & 1D.

### 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 (3.2 lbs./1000 sq.ft.). For the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.7 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 unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 4 feet or higher, use 348 gallons per acre (8 gal/1000 sq.ft.) for anchoring.

**REFER TO THE 1984 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.**

### 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./100 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 ureaform fertilizer (9 lbs./1000 sq.ft.).
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs./100 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 periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs./1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (.05 lbs./1000 sq.ft.) of 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 sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

**MULCHING:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 4 feet or higher, use 348 gallons per acre (8 gal/1000 sq.ft.) for anchoring.

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

### 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**

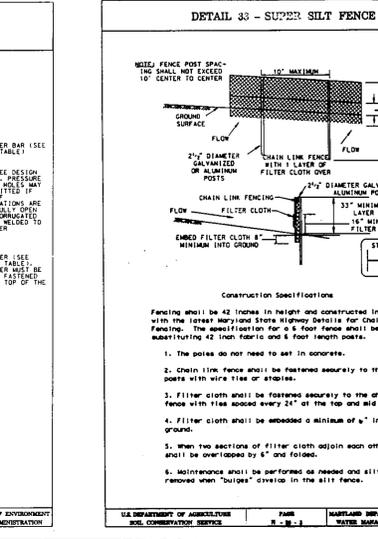
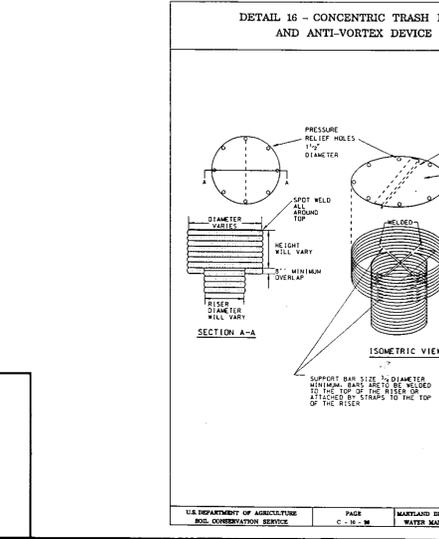
- This practice is limited to areas having 2:1 or flatter slopes where:
  - The texture of the exposed subsoil/parent material is not adequate to produce vegetable growth.
  - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of 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 USGS-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 materials, gravel, sticks, 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.

**Topsoil Application**

- When topsoiling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slope Silt Fence and Sediment Traps and Basins.
- Grades on the areas to be topsoiled, which have been previously established, shall be maintained, about 4" - 8" higher in elevation.
- Topsoil shall be uniformly distributed in a 4" - 6" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil preparation and slope. Any irregularities in the surface resulting from topsoiling or other operations shall be corrected in order to prevent the formation of depressions or water pockets.
- Topsoil shall not be placed while the topsoil or subsoil is in a frozen or muddy condition, when the subsoil is excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.



### DEVELOPER'S/BUILDER'S CERTIFICATE

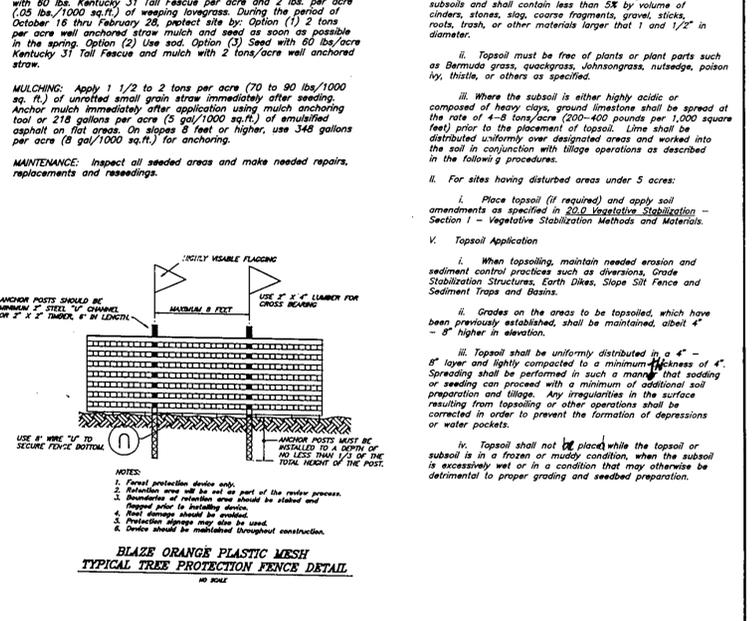
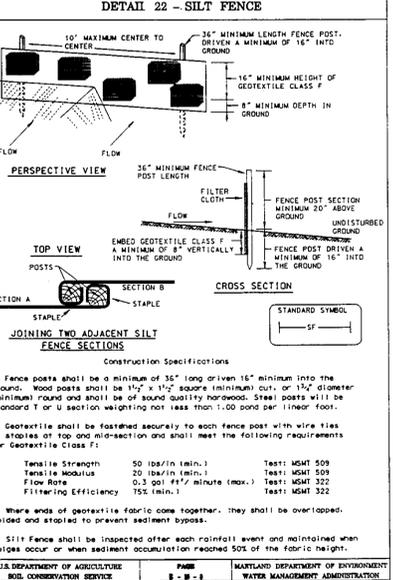
I, the undersigned, certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment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

NAME: *G. Nelson Clark* DATE: 1-6-97

### 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.

NAME: *G. Nelson Clark* DATE: 1-6-97



Reviewed for HOWARD S.C.D. and meets Technical Requirements  
*Cheryl K. Thomas* 01-09-97  
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. Plutowski* 1/9/97  
Approved

**OWNER / DEVELOPER**  
THE HOWARD RESEARCH AND DEVELOPMENT CORP.  
10275 LITTLE PATUENT PARKWAY  
COLUMBIA, MARYLAND 21044

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

DESIGNED	ZAL	SCALE	1"=30'
DRAWN <td>BAL <td>DRAWING <td>4 of 4</td> </td></td>	BAL <td>DRAWING <td>4 of 4</td> </td>	DRAWING <td>4 of 4</td>	4 of 4
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DATE <td>10-22-96 <td>FILE NO. <td>96-160se</td> </td></td>	10-22-96 <td>FILE NO. <td>96-160se</td> </td>	FILE NO. <td>96-160se</td>	96-160se

FOR: PATRIOT HOMES, Inc.  
P.O. Box 1018  
Columbia, Maryland 21044

SDP 97-43

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
*Richard J. ...* 1/13/97  
Chief Development Engineering Division  
*Richard J. ...* 1/16/97  
Chief Division of Land Development  
*Richard J. ...* 1/18/97  
Director

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE C-11-B MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION