

CHANDLER

AVALON (NO OPT. SIDE

WAVERLY (NO OPT. SIDE S.R.)

CHANDLER

VICTORIA

ZACHARY

SOLARIUM)

A VALON

CHANDLER

VICTORIA

WAVERLY

ZACHARY

COURTLAND (NO OPT. SIDE SOLARIUM)

TAYLOR

CHANDLER

VICTORIA

ZACHARY

WAVERLY (NO OPT. SIDE S.R.)

Opt. Rear S.R.

1 ADD TAYLOR HOUSE TYPE TO PLAN

DEPARTMENT OF PLANNING & ZONING

PMENT ENGINEERING DIVISION MAS

Hanulta

SHEET INDEX DESCRIPTION

County Code: Forest Conservation Act, has been met by the reforestation

This plan is subject to the Amended 5th Edition of the Subdivision and Land Development Regulations per Council Bill No. 45-2003 and the Zoning Regulations as amended by Council Bill 45-2003. Development or construction on these lots must comply with setback and buffer regulations 7. Any damage to county owned rights—of—way shall be corrected in effect at the time of submission of the site development plan, waiver

24. Driveways shall be provided prior to issuance of a use and occupancy permit for any new dwellings to insure safe access for fire and

(c) Geometry-max. 15% grade, max. 10% grade change and min. 45'

(d) Structures (culverts/bridges) - capable or supporting 25 gross tons

(e) Drainage elements—capable of safely passin 100—year flood with

25. Stormwater management is provided by onsite facilities. Stormwater management facility 1 and 2 is a detention/retention (wet pond)

26. Open space requirements for these lots have been provided under

27. No clearing, grading or construction is permitted within the required wetland, stream buffers or forest conservation areas except for the work associated with the approved construction plans. All forest to remain within the areas shown as "Forest Conservation" Easement" meet the minimum requirements of the forest

28. No clearing, grading, or construction is permitted within the forest conservation easement. However, forest management practices as defined in the deed of forest conservation are allowed.

on this plat in accordance with the design manuals prior to signature approval of the Site Development Plan. The developer will be required to execute the Developer's Agreement for the construction of the Storm Water Management Facility and a Maintenance Agreement. The Stormwater Management Facilities are to be constructed as a part of this Subdivision. Construction may only begin after the approval of the construction drawings for the further subdivision of lot 3.

31. 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 for the required perimeter landscaping for twelven (12) shade trees and four (4) evergreen trees in the amount of \$4,200.00 is part of the builders grading permit application for Lots 5—8 and 10—15. Refer to sheet 5 of 5 for individual lot landscaping and surety amounts required per lot.

#13 J:\CHARLES DRAWINGS\00-098BONNIELASS\SITE DEV PLAN\03066X.DW

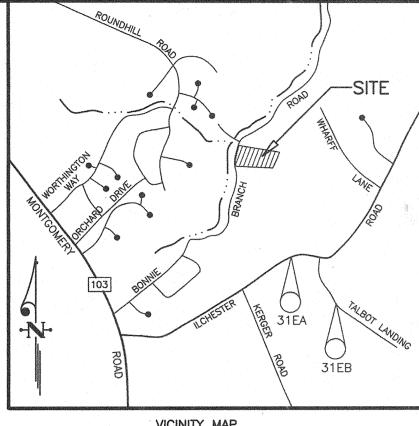
CONTOUR INTERVAL EXISTING CONTOUR PROPOSED CONTOUR DIRECTION OF DRAINAGE W.O.B. WALK OUT BASEMENT SPOT ELEVATION +78 4 FOREST CONSERVATION EASEMENT

LEGEND

BENCHMARKS:

Howard County Monument #31EA #31EA — Concrete Monument Elevation: 469.603 Location: N569641.123 E1.374.815.935

Howard County Monument #31EB #31EB — Concrete Monument Elevation: 453.396 Location: N568730.984 E1,376.273.491



VICINITY MAP

GENERAL NOTES:

- 1. Subject property is zoned R-20 per the Feburary 2, 2004 Comprehensive Zoning Plan, and in accordance with the 2004 Zoning Regulations.
- 2. The total area included in this submission is: 3.1895 Acres.
- 3. The total number of lots included in this submission is: 2
- 5. Department of Planning and Zoning reference file numbers :
- WP-01-139; F-01-208; SP-02-02; F-04-078; F05-028.
- Sewer plans Contract #14-4210-D, approved Road Construction plans F-01-208, and actual field survey.
- at the developer's expense. 8. All roadways are existing per F-01-208.
- 9. The existing topography was taken from Clark, Finefrock, & Sackett dated July 2000.
- 10. The coordinates shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monuments Numbers: 31EA & 31EB
- (b) Surface—6" of compacted crusher run base with tar and chip coating 11. 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.
 - 12. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work.
 - 13. For driveway entrance details, refer to Ho. Co. Design Manual Volume IV details R.6.03 & R.6.05.
 - 14. In accordance with Section 128 of the Ho. Co. zoning regulations, bay windows or chimneys not more than 16 feet in width may project not more than 4 feet into any setbacks; porches or decks, opened or enclosed, may project not more than 10 feet into the front or rear setbacks.
 - 15. Stormwater Management is provided per F-01-208. The developer will be required to execute the Developers Agreement for the construction of the Stormwater Management facility and a Maintainance Agreement.
 - 16. There are no wetlands or stream buffers on this site.
 - 17. For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and the road right—of—way only, and not onto the flag or pipestem lot
 - 18. All driveways will be private and all maintenance will be shared with each homeowner using the driveway . Maintenance agreements for the shared access easements are recorded in the land records of Howard
 - 19. Waiver Petition, WP-01-139, was granted per letter dated August 2, 2001. action was taken to waive section 16.121(e), requiring 40 fronting on a public road for open space lots.
 - 20. The Homeowners Association Articles of Incorporation have been accepted by the State of Department of Assessment and Taxation on the 4th day of August, 2003.

OWNER / DEVELOPER

BONNIELASS, LLC 8835-P COLUMBIA 100 PARKWAY COLUMBIA, MARYLAND 21045

SPECIAL NOTES:

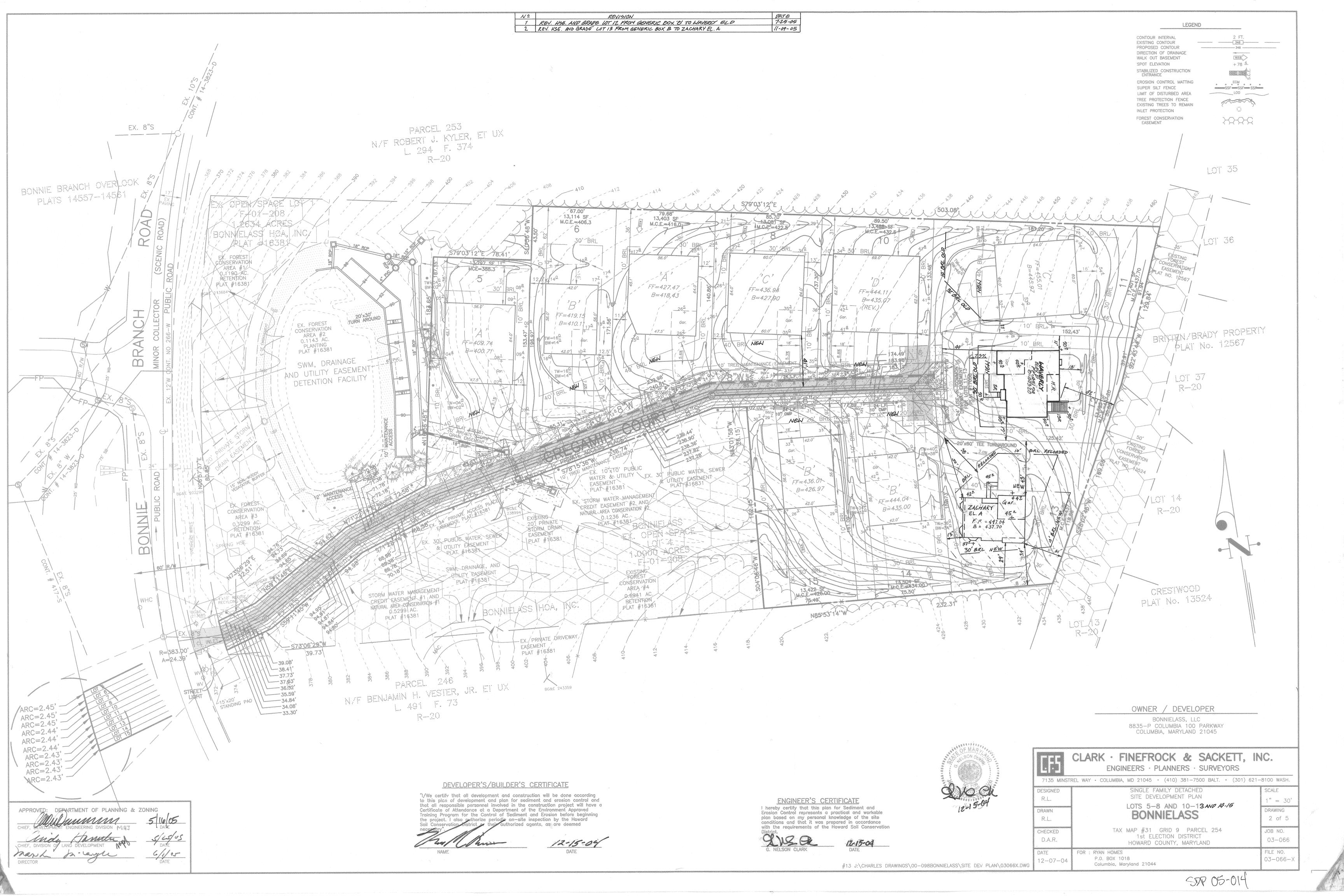
This plan is for house siting and lot grading only. Improvements shown within the rights—of—way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-01-208 and/or approved Water and Sewer Plans Contract #14-4210-D.

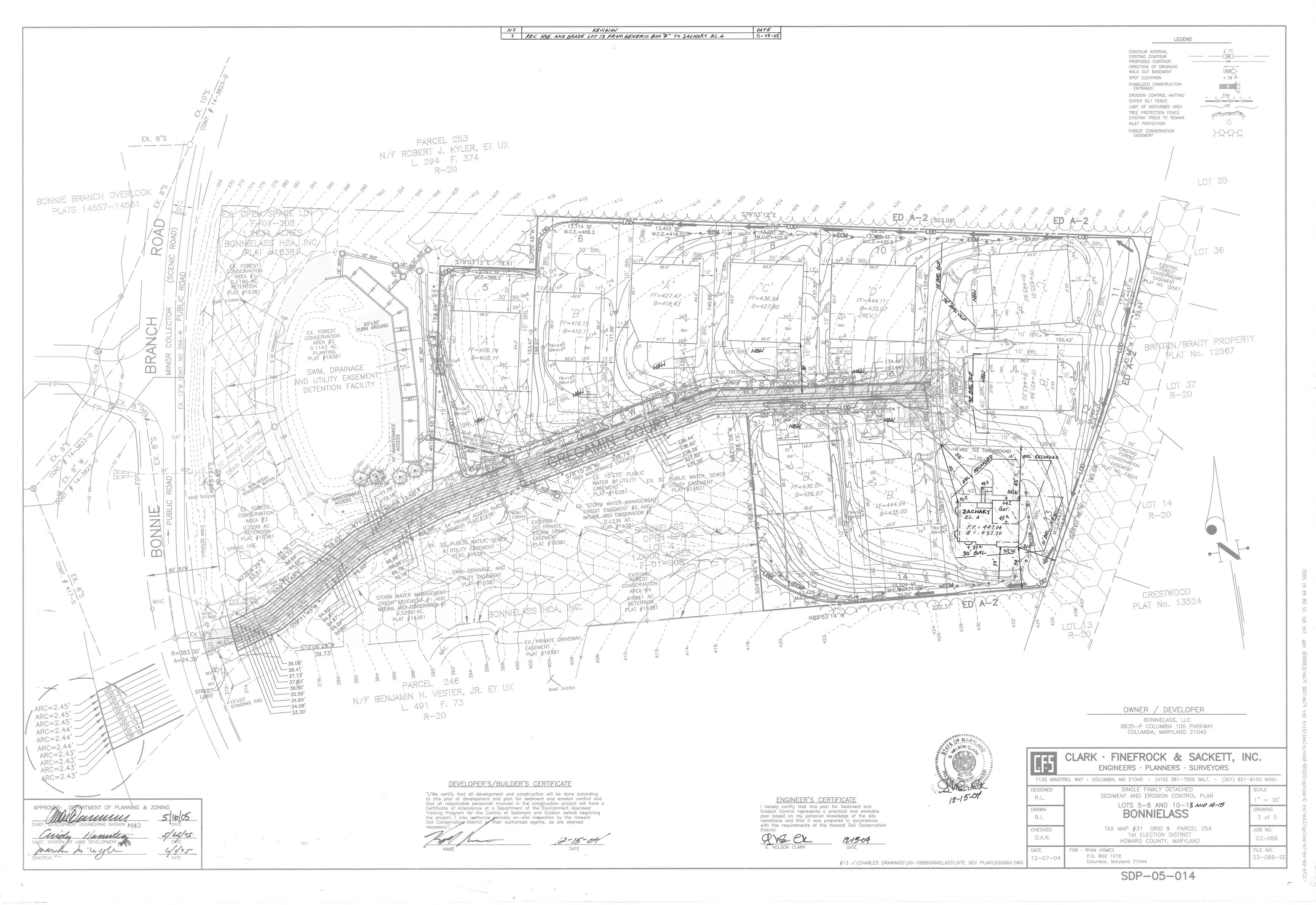
SUBDIVISION NAME			SECTION/AREA		LOTS/PARCELS	
BONNIELASS			N/A		5-8 ND 10-12 AND 14-15 14	
PLAT NO.	BLOCK NO.	ZONE	TAX	MAP NO.	ELECTION DIST.	CENSUS TRACT
17058/16381	N/A	R-20		31	1st	#6011.01
WATER CODE			SEWER CODE			
117 A VAI			45 6127		6107	



7135 MINSTREL WAY . COLUMBIA, MD 21045 . (410) 381-7500 BALT. . (301) 621-8100 WASH. SINGLE FAMILY DETACHED DESIGNED SITE DEVELOPMENT PLAN 1'' = 30LOTS 5-8 AND 10-13 AND 14-15 DRAWING DRAWN **BONNIELASS** 1 of 5 TAX MAP #31 GRID 9 PARCEL 254 JOB NO. CHECKED 1st ELECTION DISTRICT D.A.R. 03-066 HOWARD COUNTY, MARYLAND FILE NO. FOR: RYAN HOMES P.O. BOX 1018 03-066-X Columbia, Maryland 21044

SDP-05-014



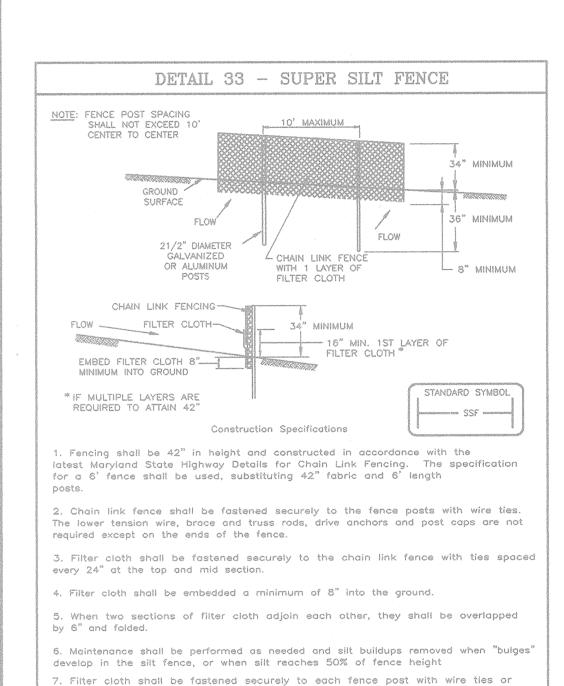


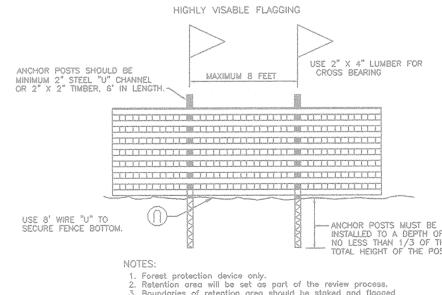
Stone — crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of

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 mountable berm 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.

6. 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 con-

MARYLAND DEPARTMENT OF ENVIRONMEN WATER MANAGEMENT ADMINISTRATION SOIL CONSERVATION SERVICE





staples at top and mid section and shall meet the following requirements for

50 lbs/in (min.)

20 lbs/in (min.)

Test: MSMT 509

Test: MSMT 509

Test: MSMT 322

MARYLAND DEPARTMENT OF ENVIRONME

WATER MANAGEMENT ADMINISTRATION

0.3 gal/ft */minute (max.) Test: MSMT 322

Geotextile Class F

Tensile Strength

Tensile Modulus

U.S. DEPARTMENT OF AGRICULTURE

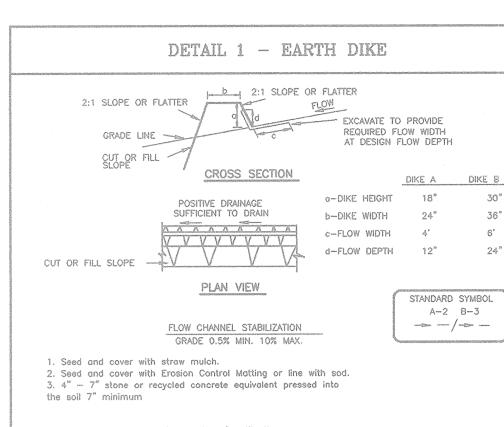
Filtering Efficiency 75% (min.)

Flow Rate

Boundaries of retention area should be staked and flagged prior to installing device. 4. Root damage should be avoided.
5. Protection signage should be used.
6. Device should be maintained throughout construction.

BLAZE ORANGE PLASTIC MESH TYPICAL TREE PROTECTION FENCE DETAIL

DERARTMENT OF PLANNING & ZONING



Construction Specifications

1 All temporary earth dikes shall have uninterrupted positive grade to an outlet. Spot elevations may be necessary for grades less than 1%. 2. Runoff diverted from a disturbed area shall be conveyed to a sediment trapping device.

3. Runoff diverted from an undisturbed area shall outlet directly into an

4. All trees, brush, stumps, obstructions, and other objectional material shall be removed and disposed of so as not to interfere with the proper functioning of the dike.

5. The dike shall be excavated or shaped to line, grade and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.

6. Fill shall be compacted by earth moving equipment.

each rain event.

U.S. DEPARTMENT OF AGRICULTURE

7. All earth removed and not needed for construction shall be placed so that it will not interfere with the functioning of the dike.

8. Inspection and maintenance must be provided periodically and after

PAGE

MARYLAND DEPARTMENT OF ENVIRONMEN
WATER MANAGEMENT ADMINISTRATION

DETAIL 30 - EROSION CONTROL MATTING CROSS-SECTION TYPICAL STAPLES NO. 11 GAUGE WIRE 1. Key-in the matting by placing the top ends of the matting in a narrow trench, 6" in depth. Backfill 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". 2. Staple the 4" overlap in the channel center using an 18" spacing between staples. 3. Before stapling the outer edges of the matting, make sure the matting is smooth and in firm contact with the soil. 4. Staples shall be placed 2' 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", shiplap fashion. Reinforce the overlap with a double row of staples spaced 6" apart in a staggered pattern on either side. 6. The discharge end of the matting liner should be similarly

Note: If flow will enter from the edge of the matting then the area

MARYLAND DEPARTMENT OF ENVIRONMENT

WATER MANAGEMENT ADMINISTRATION

effected by the flow must be keyed-in.

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

1. This practice is limited to areas having 2:1 or flatter slopes where: a. The texture of the exposed subsoil/parent

material is not adequate to produce vegetative growth. b. 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. c. The original soil to be vegetated contains

material toxic to plant growth. d. The soil is so acidic that treatment with limestone is not feasible.

II. 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

I. 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 Experimental Station.

II. Topsoil Specifications — Soil to be used as topsoil must meet the following:

i. 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 1/2" in diameter.

ii. Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as specified.

iii. 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.

-3/4" - 11/2" STONE

- 6" - 3/4" - 11/2" STONE

-GEOTEXTILE CLASS E

MAX. DRAINAGE AREA = 1/4 ACRE

MARYLAND DEPARTMENT OF ENVIRONMENT

WATER MANAGEMENT ADMINISTRATION

— INLET GRATE

-- WIRE TIES

-6" OVERLAP

DETAIL 23B - AT GRADE INLET PROTECTION

PLAN/CUT AWAY VIEW

CRUSS SECTION

Construction Specifications

1. Lift grate and wrap with Geotextile Class E to completely cover all openings,

2. Place 3/4" to 11/2" stone, 4"-6" thick on the grate to secure the fabric and

GEDTEXTILE CLASS E -

STANDARD SYMBOL

LT AGIP

then set grate back in place.

provide additional filtration.

U.S. DEPARTMENT OF AGRICULTURE

SOIL CONSERVATION SERVICE

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

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 Sc

Conservation District or their authorized agents, as are deemed necessary

III. For sites having disturbed areas under 5 acres: i. Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization -Section I - Vegetative Stabilization Methods and Materials.

IV. For sites having disturbed areas over 5 acres:

i. On soil meeting topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the a. pH for topsoil shall be between 6.0 and 7.5. If

the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher. b. Organic content of topsoil shall be not less than .5 percent by weight.

c. Topsail having soluble salt content greater than 500 parts per million shall not be used. d. No sod or seed shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phyto-toxic materials.

NOTE: Topsoil substitutes or amendments, as recommended by a qualified agronomist or soil scientist and approved by the appropriate approval authority, may be used in lieu of natural topsoil.

ii. Place topsoil (if required) and apply soil amendments specified in 20.0 Vegetative Stabilization-Section I-Vegetative Stabilization Methods and Materials.

V. Topsoil Application

i. 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.

ii. Grades on the areas to be topsoiled, which have been previously established, shall be maintained. albeit 4"- 8" higher in elevation.

iii. Topsoil shall be uniformly distributed in a 4"-8" 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 tillage. 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.

iv. Topsoil shall not be place 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.

PERMANENT SEEDING NOTES

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

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

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

1) 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.)

2) Acceptable—Apply 2 tons per acre dolomatic 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 (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

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 8 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.

TEMPORARY SEEDING NOTES

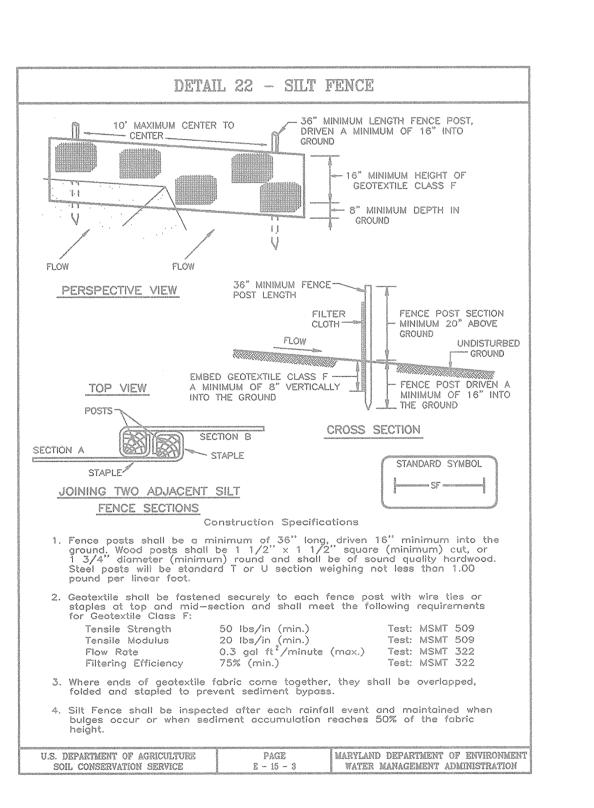
SEEDBED PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously

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 (.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 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 at areas. On slopes 8 feet or higher, use 348 gallons per acre (8 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



BONNIELASS, LLC

P.O. BOX 1018

Columbia, Maryland 21044

2-07-04

8835-P COLUMBIA 100 PARKWAY COLUMBIA, MARYLAND 21045

OWNER / DEVELOPER

SEDIMENT AND EROSION CONTROL NOTES

Sediment Control Division prior to the start of any construction

conformance with the 1994 MARYLAND STANDARDS AND SPECS.

FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.

a) 7 calendar days for all perimeter sediment control stuctures,

dikes, perimeter slopes and all slopes greater than 3:1

b) 14 days as to all other disturbed or graded areas on the

signs posted around their perimeters in accordance with Vol.1,

specified above, in accordance with the 1994 MARYLAND STAND-

Temporary stabilization with mulch alone can only be done when

recommended seeding dates do not allow for proper germination

to be maintained in operative condition until permission for their

removal has been obtained from the Howard County Sediment

Total Area of Site:

Area to be vegetatively stabilized:

Offsite Waste/Borrow Area Location:

activity for placement of utilities must be repaired on the same

9. Additional sediment control must be provided, if deemed necessary

of the inspection agency shall be requested upon completion of

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.

11. Trenches for the construction of utilities shall be backfilled and

installation of perimeter erosion and sediment controls, but before

stabilized within one working day, or is limited to three pipe lengths.

NO. OF DAYS

10. On all sites with disturbed areas in excess of 2 acres, approval

Area to be roofed or paved:

8. Any sediment control practice which is disturbed by grading

by the Howard County DPW Sediment Control Inspector.

Total Cut:
Total Fill:

12. The total amount of earth dike =

CONSTRUCTION SEQUENCE:

Install tree protection fence.

1. Obtain grading permit.

13. The total amount of super silt fence =

14. The total amount of super diversion fence:

* 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 it's

grading permit number at the time of construction.

Install sediment and erosion control devices and stabilize.

6. Final grade, install Erosion Control Matting and stabilize in

7. Upon approval of the sediment control inspector, remove

sediment and erosion control devices and stabilize.

* Delay construction of houses on lots:

Construct structures, sidewalks and driveways.

accordance with standards and specifications.

. Excavate for foundations, rough grade and temporarily stabilize.

Chapter 7, of the HOWARD COUNTY DESIGN MANUAL, Storm

ARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT

CONTROL for permanent seedings, sod, temporary seeding

6. All sediment control structures are to remain in place and are

1. A minimum of 48 hours notice must be given to the Howard

County Department of Inspections, Licenses and Permits,

according to the provisions of this plan and are to be in

3. Following initial soil disturbance or redisturbance, permanent or

4. All sediment traps/basins shown must be fenced and warning

5. All disturbed areas must be stabilized within the time period

and mulching (Sec G).

Control Inspector.

day of disturbance.

7. SITE ANALYSIS:

and establishment of arasses.

2. All vegetative and structural practices are to be installed

temporary stabilization shall be completed within:



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

ENGINEER'S CERTIFICATE

#13 J:\CHARLES DRAWINGS\00-098BONNIELASS\SITE DEV PLAN\S&E PLAN\03066SE.DW0

CLARK · FINEFROCK & SACKETT, INC. ENGINEERS · PLANNERS · SURVEYORS 7135 MINSTREL WAY . COLUMBIA, MD 21045 . (410) 381-7500 BALT. . (301) 621-8100 WASH. SINGLE FAMILY DETACHED DESIGNED SCALE SEDIMENT AND EROSION CONTROL DETAILS R.L. LOTS 5-8 AND 10-12 AND 14-15 DRAWING DRAWN BONNIELASS R.L. TAX MAP #31 GRID 9 PARCEL 254 JOB NO. CHECKED 1st ELECTION DISTRICT D.A.R. HOWARD COUNTY, MARYLAND FOR: RYAN HOMES

SDP-05-014

1" = 30' 4 of 5

03-066 FILE NO.

03-066-SE

