GENERAL NOTES

- Subject property zoned "R-ED" per 02/02/04 Comprehensive Zoning Plan. The property is located within the Metropolitan District. Public water and Public sewer (Constructed under Contr. # 34-4275-D) will be used
- 4. Soils Map No. 23.
- 5. Area of Site: 2.80 Ac Acrest Open Space Tabulation has been provided under F-05-43.
- The Contractor shall notify the following utility companies or agencies at least
- five(5) working days before starting work shown on these plans: State Highway Administration BGE(Contractor Services) BGE (Underground Damage Control) 410.787.9068 1.800.257.7777 Colonial Pipeline Company 410.795.1390
- Howard County, Dept. of Public Works, Bureau of Utilities 410 313 4900 Howard County Health Department 410.313.2640 The contractor shall notify the Department of Public Works/Bureau of Engineering Construction Inspection Division at (410) 313-1880 at least five (5) working days prior
- the start of work. The contractor shall notify Miss Utility at 1-800-257-7777 at least 48 hours prior to any excavation work being done.
- 10. The lots shown hereon comply with the minimum ownership, width and lot area as required by the Maryland State Department of the Environment. The project is in conformance with the latest Howard County Standards unless waivers have
- 12. No grading, removal of vegetative cover or trees, or placement of new structures is permitted within the limits of wetlands, streams, or their buffers and forest conservation easement areas. 3. Traffic control devices, markings and signs shall be in accordance with the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt. All sign posts used for traffic control signs installed in the County right-of-way shall be mounted on a 2" galvanized steel, perforated, square tube post (14 gauge) inserted into a 2-1/2" galvanized steel, perforated square tube
- sleeve (12 gauge)-3' long. A galvanized steel pole cap shall be mounted on top of each post. 14. All HDPE pipe specification and installation shall meet AASHTO M-252 Type S, M-294 Type S and ASTM D2321, respectively.
- 15. Soil compaction specifications, requirements, methods and materials are to be in accordance with the recommendations of the project Geotechnical Engineer. Geotechnical Engineer to confirm acceptability of proposed paving section, based on soil test, prior to construction.
- The Geotechnical Report for this project was prepared by Hillis Carnes on January 16, 2001 and was approved on July 26, 2001, under F-05-43. 7. For bearings and distances of Forest Conservation Easements and Wetland Limits for this project
- see Record Plat 17718 recorded in the Land Records of Howard County 18. Previous Howard County file number WP-01-84 (approved on March 8, 2001); SP-01-04;
- F-05-43; Contr. # 34-4275-D; Plats 17718 17721; PB Case No. 358 SWM has been provided for under F-05-43. WQV, REV have been provided for within a sand filter facility. This site is exempt from providing CPv. 20. The coordinates shown hereon are based upon the Howard County Geodetic Control which is
- based on the Maryland State Plane Coordinate System. Howard County Monument Nos. 35DA and 35DB were used for this project.
- There are no historical structures, floodplains or cemeteries on site. For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestern and road right-of-way line.
- Landscaping has been provided for this project under F-05-43. 24. Two Foot Topography provided by 3DI, LLC., In March, 1999, and from Road Coonstruction Plan F-05-43. Boundary Survey and Control for Aerial Topography was provided by Design Tech Associates, Inc. Boundary confirmed by FSH Associates.
- 5. Wetland Delineation was completed by Campbell and Nolan Associates, Inc. In July 8, 1999 and approved under SP-01-04.
- 26. Forest Stand Delineation was completed by Campbell and Nolan Associates, Inc. In July, 1999 and approved under SP-01-04. The Floodplain study for this project was prepared by Kantzer \$ Associates on January 10, 2001
- and was approved on July 26, 2001 under SP-01-04.
- 28. The Traffic study for this project was prepared by Lee Cunningham & Associates on March, 2000 and was approved by DPZ on May 8, 2001 under SP-01-04.

 29. A determination was made by DPZ based on justification from the developer that the Private Access Place for this project is considered an essential disturbance to the 50' stream buffer and 25% steep slope area in accordance with Section 16.116(c) of the Subdivision and Land Development Regulations under SP-01-04.
- 30. Street lights will be required in this development in accordance with the Design Manual. Street light placement and the type of fixture and pole selected shall be in accordance with the latest Howard County Design Manual, Volume III (1993) and as modified by "Guidelines for Street Lights in Residential Developments (June 1993)." The June 1993 policy includes guidelines for lateral and longitudinal placement. A minimum spacing of 20' shall be maintained between any
- 31. The 5'x15' concrete pad for the refuse and recycle collection pad located within open space Lot 11 will be maintained by HOA pursuant to a Declaration of Right of access and maintenance obligation recorded among the Howard County Land Records Office under F-05-43.
- This plan is subject to a waiver from Section 5.2.6.D.1 of the Howard County Design Manual, Volume One to eliminate the required 12' level area around the stormwater management facility
- for maintenance. This waiver was approved on January 05, 2005 under F-05-43. 33. Existing utilities are located by the use of any or all of the following: Road Construction Plans, Field Surveys, Public Water and Sewer Plans and other available record drawings. Approximate location of the existing utilities are shown for the contractors information. Contractor shall locate existing utilities well in advance of construction activities and take all necessary precautions to protect the existing utilities and to maintain uninterrupted service. Any damage incurred due to the contractor's operation shall be repaired immediately at the contractor's
- 34. Estimates of Earthwork quantities are provided solely for the purpose of calculating fees. 35. In accordance with section 128 of the Howard County Zoning Regulations, bay windows, chimneys, or exterior stairways not more than 16 feet in width may project not more than 4 feet into any setbacks. Porches, or decks, open or enclosed may project not more than 10 feet into the front or rear yard setback.
- 36. Driveway(s) shall be provided prior to issuance of a use and occupancy permit for any new dwelling to insure safe access for fire and emergency vehicles per the following (minimum)
 - A) Width-12 feet (14' serving more than one residence). B) Surface-6 inches of compacted crusher run base with 1 1/2" Min. tar and chip
 - C) Geometry-max. 14% grade, max. 10% grade change, and 45 foot turning radius. D) Structures (bridges/culverts)-capable of supporting 25 gross tons (H25-loading). Drainage elements-capable of safely passing 100 year flood with no more than one
 - depth over driveway surface. F) Structure clearance-minimum 12 feet.

 G) Maintenance-sufficient to insure all weather use.

application or building/grading permit applications.

- 37. Driveway aprons are to be constructed per Howard County Standard detail 6.06 for Lots 1 \$ 2
- 38. See Sheet #4 for Sewer House Connection Chart.
 39. The contractor shall notify Miss Utility at I-800-257-7777 at least 48 hours prior to any
- excavation work being done. 40. This SDP is subject to the Amended Fifth Edition of the Subdivision and Land Development Regulations per Council Bill No. 45-2003 and the Amended Zoning Regulations per Council Bill No. 75-2003. Development or construction on this property must comply with setback and buffer regulations in effect at the time of submission of the site development plan, waiver petition
- 41. The subdivision plan was approved by the Howard County Planning Board under PB Case No. 358 by Decision and Order dated 1/23/02.
- 42. The forest conservation requirement for this subdivision was approved and provided under
- F-05-43 with the retention of 2.04 acres. 43. The scenic road exhibits for this subdivision were reviewed and approved under SP-01-04.

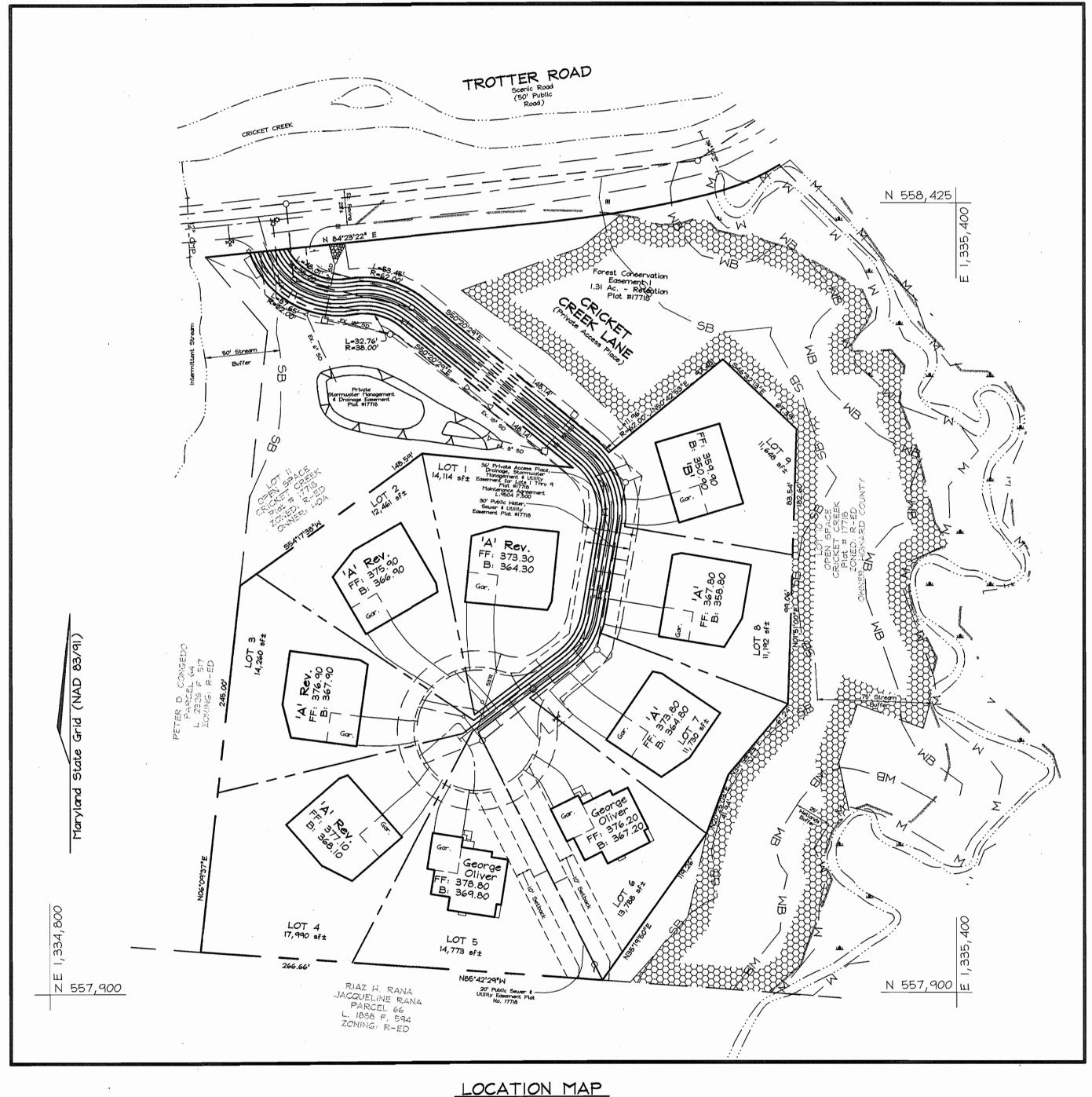
APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

3/28/06

SITE DEVELOPMENT PLAN CRICKET CREEK

LOTS 1 THRU 9

HOWARD COUNTY, MARYLAND



Calvert - with all options except -First Floor Master

-5'x 8' Porch -41 Areaway -2' Rear Ext. Summerhill - with no options -19.71'x 17.67' In-Law Suite Sarah Dunmore- with options Dorchester II - with options -20'x 6' Fam. Rm. Ext. -2' Study Rm. Ext. -2'x 18.29' O.H. -10.79'x 10' Morning Rm. -8'x 16' Den -2' Ext. Kit./ Bkfast/ Laundry Rm. -4' Areaway James Randolph – with options -10'x 4' 1st Fl. Mstr. Br. -5'x 2' Masonary FP.

Thomas Goodwin – with options

George Oliver - with all options

William Deaven- with all options

(Elev. #1 \$ #2)



TYPICAL GENERIC HOUSE BOXES

Only the house model options listed for each box are allowed per this plan with all of the other options shown on the house models but not listed, such as the 3 car front and side entry garages, family room extension, conservatory, morning room or sunroom are not permitted on the subject lots unless the specific house model and option is shown on the subject lots.

James Randolph - with no options William Deaven - with options -2' Cantilever -2' Fam. Rm. \$ Sun Rm. Ext. Sarah Dumnore - with options -20'x 6' Fam. Rm. Ext. -2'x 18.29' O.H. -8'x 16'Den

17718 - 17721

Water Code

1-12

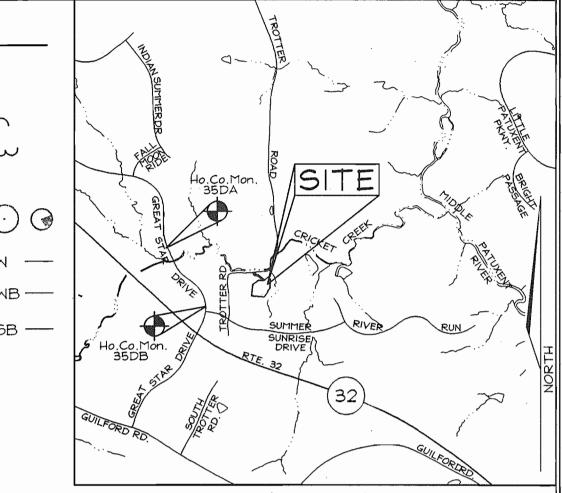
PERMIT INFORMATION CHART Subdivision Name: Section/Area |Lot/Parce1 No Cricket Creek N/A Tax Map No. Elect. District Census Tract **Zoning**

Sewer Code

6650000

6055.01

R-ED



VICINITY MAP SCALE:1=20001

BENCHMARKS

Sta.	35DA	Ν	170,358.7421	E	406,341.0695	El.:	107.1628	(meters)
		Ν	558,918.639	Ε	1,333,137.325	E1.:	351.583	(feet)
Sta.	35DB	Ν	169,986.1310	Ε	406,596.2654	E1.:	122.4288	(meters
,		Ν	557,696.164	Ε	1,333,974.580	E1.:	401.668	(feet)

SITE ANALYSIS DATA CHART

- a. Total project area: 2.80 Acres± b. Area of plan submission: 2.80 Acres±
- c. Limit of disturbed area: 1.86 Acrest
- d. Present zoning: "R-ED" per 02/02/04 Comprehensive Zonina Plan.
- e. Proposed uses for site \$ structures: Single Family Detached Dwellings
- f. Floor space on each level of building(s) per use: See house templates. g. Building coverage of site: 0.57 Acres and 20% of Gross Area.
- h. DPZ file references: SP-01-04; Contract # 34-4275-D; F-05-43; Plat # 17718 17721; WP-01-84; PB Case No. 358

SHEET INDEX	
DESCRIPTION	SHEET No.
Cover Sheet	1 of 4
Site Development and Grading Plan	2 of 4
Sediment and Erosion Control and Soils Plan	3 of 4
Sediment and Erosion Control Details	4 of 4 .

LEGEND

Existing Contour

Proposed Contour

Direction of Flow

Walk Out Basement

Existing Wetland Buffer

Existing Stream Buffer

Existing Light Pole Per F-05-043

Per F-05-043

Forset Conservation

Level Spreader

Easement Per F-05-043

ADDRESS CHART

STREET

6010 Cricket Creek Lane

6014 Cricket Creek Lane 6018 Cricket Creek Lane

6022 Cricket Creek Lane

6023 Cricket Creek Lane

6019 Cricket Creek Lane

6015 Cricket Creek Lane

6011 Cricket Creek Lane

6007 Cricket Creek Lane

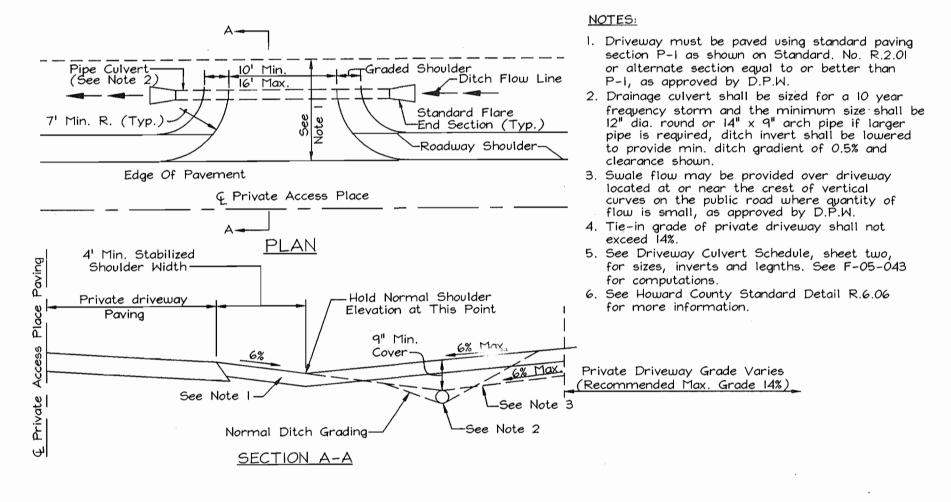
Existina Trees to Remain

Spot Elevation

_____382

+82⁵³

A VA



RESIDENTIAL DRIVEWAY ENTRANCE NOT TO SCALE

OWNER/DEVELOPER

WILLIAMSBURG BUILDERS 5485 HARPERS FARM RD #200 COLUMBIA, MARYLAND 21044-3834 Telephone: (410) 997-8800 Fax: (410) 997-4358

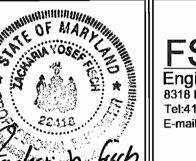
COVER SHEET

CRICKET CREEK

LOTS 1 THRU 9

NEW SINGLE FAMILY DETACHED DWELLINGS

PARCEL 65 TAX MAP 35 GRID 14 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND



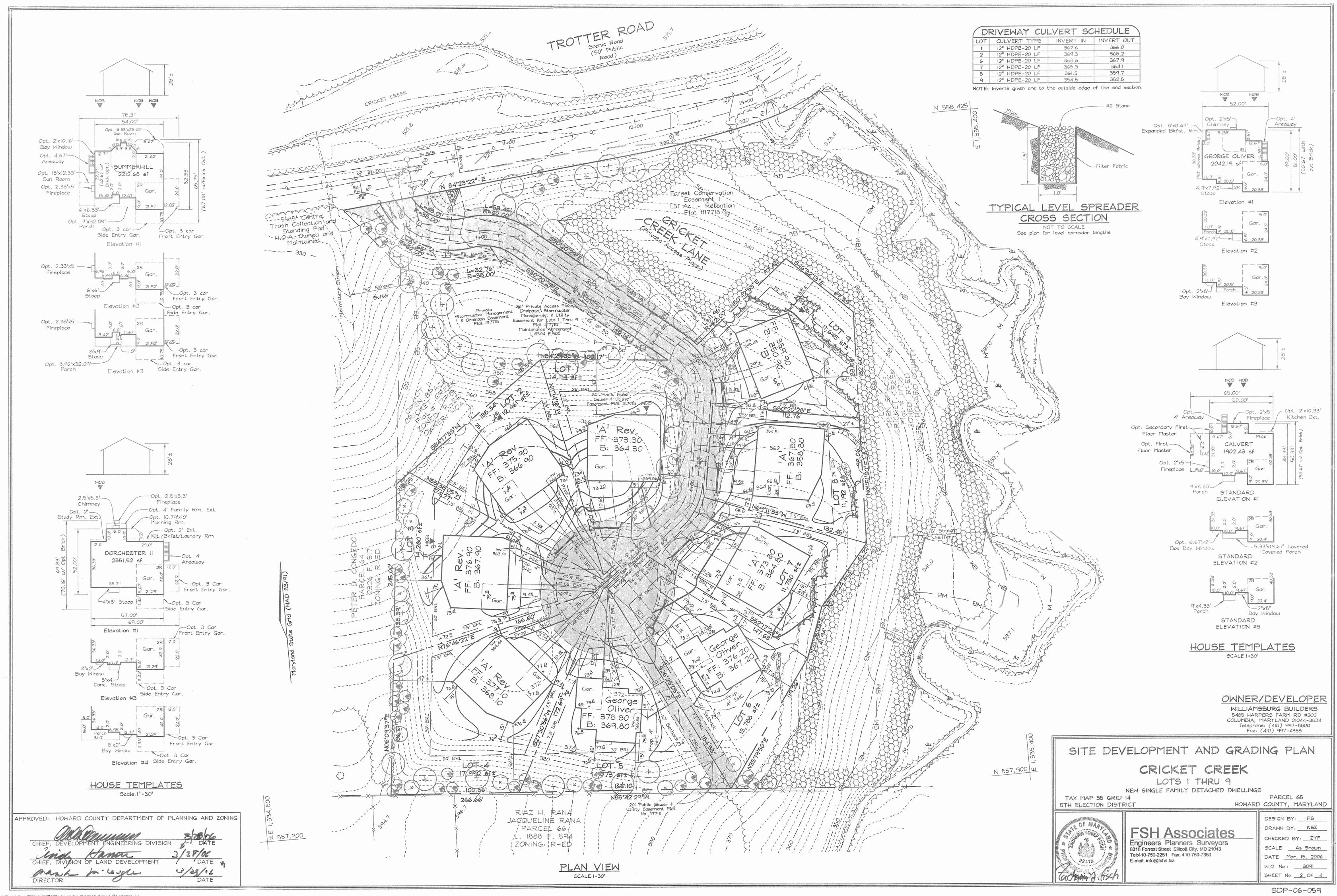
FSH Associates Engineers Planners Surveyors 8318 Forrest Street Ellicott City, MD 21043

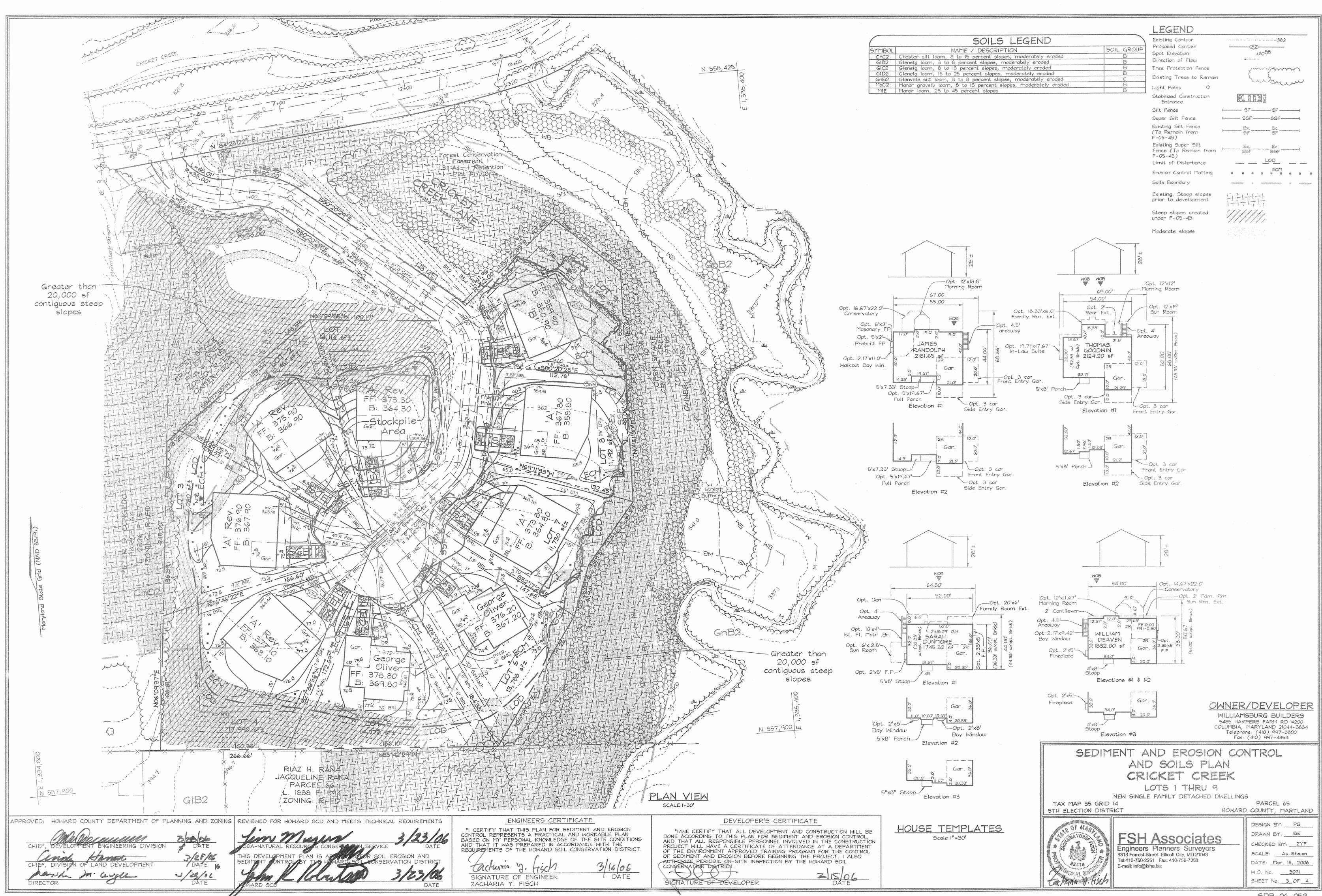
Tel:410-750-2251 Fax: 410-750-7350 E-mail: info@fsha.biz

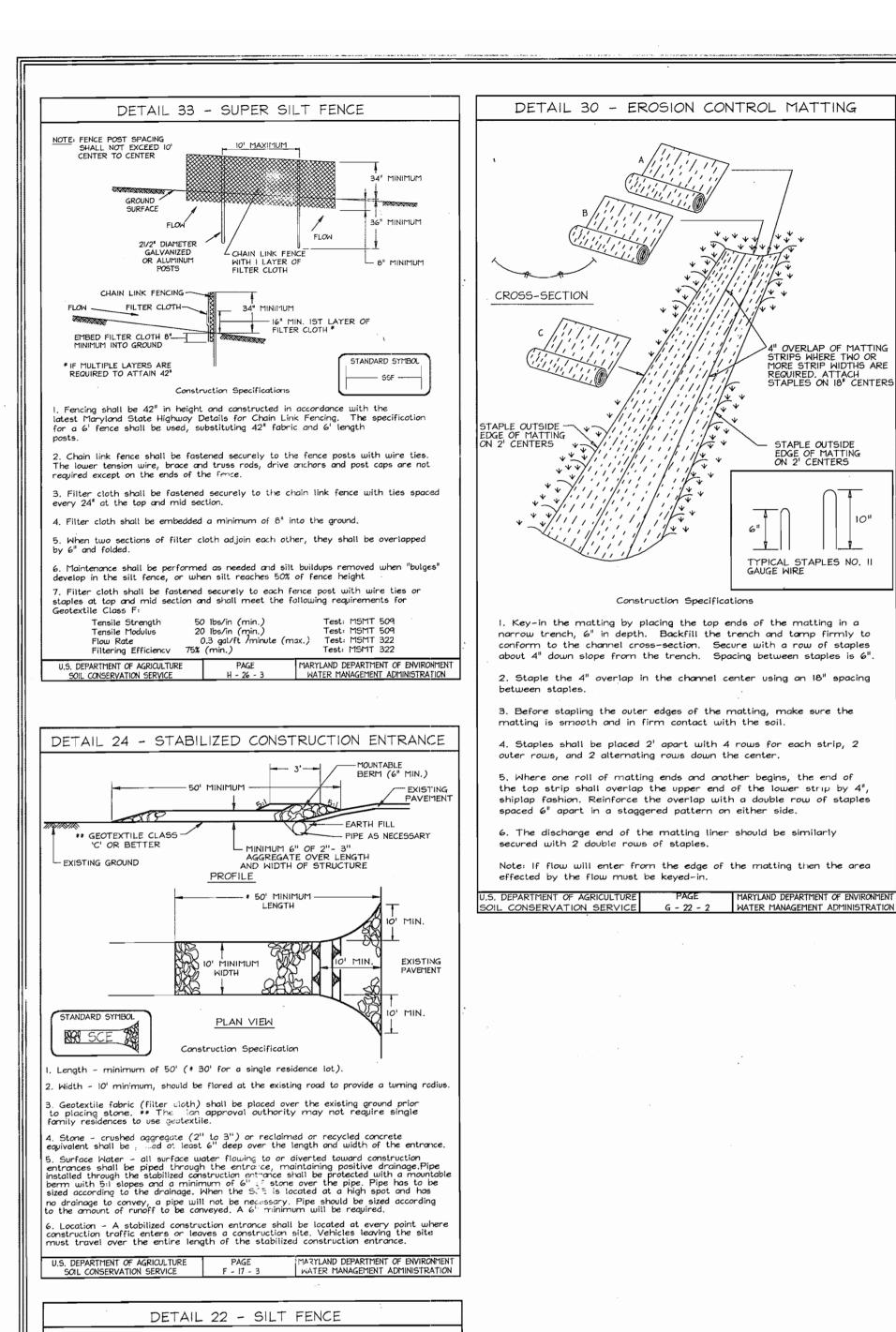
DRAWN BY: KSZ CHECKED BY: ZYF SCALE: As Shown DATE: <u>Mar. 15, 2006</u> W.O. No.: 3091 SHEET No. 1 OF 4

DESIGN BY: PS

SDP-06-059







DRIVEN A MINIMUM OF 16" INTO

- MINIMUM 20" ABOYE

STANDARD SYMBOL

—— 9F ——

V THE GROUND

GROUND

PERSPECTIVE VIEW

STAPLE

JOINING TWO ADJACENT SILT FENCE SECTIONS

Tensile Modulus

Filtering Eggeciency 75% (min.)

POST LENGTH

EMBED GEOTEXTILE CLASS F — A MINIMUM OF 8" VERTICALLY

Construction Specifications

1. 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 1 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.

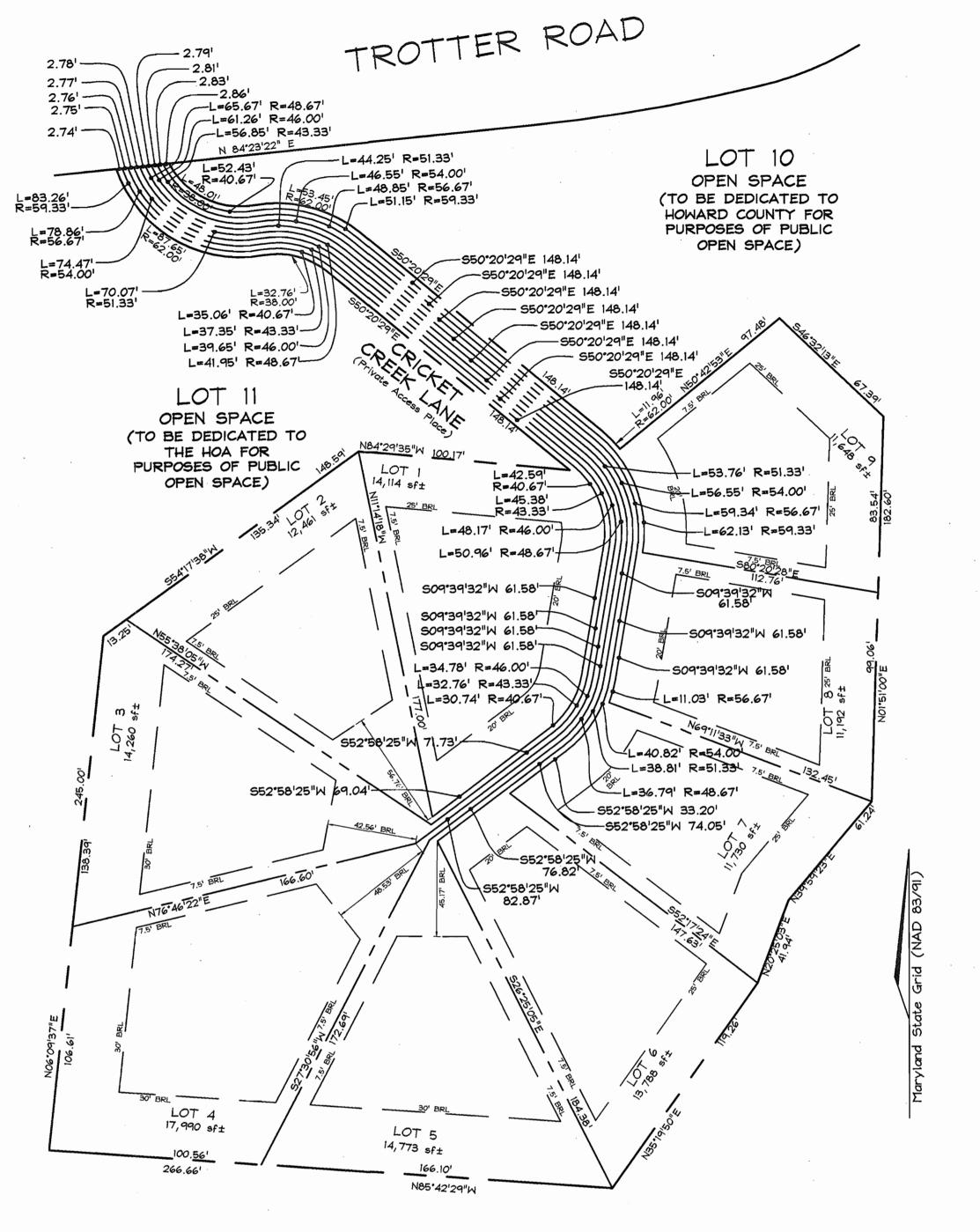
staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

50 lbs/in (min.) 20 lbs/in (min.)

Where ends of geotextile fabric come together, they shall be overlapped, folded and stopled 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.

SECTION B



PIPESTEM AND BUILDING RESTRICTION LINE DETAIL SCALE: 1"=40'

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

a. 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.

c. The original soil to be vegetated contains material toxic to plant growth. d. The soil is so acidic that treatment with

11. 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 Topsail 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

i. Topsoil shall be a loarn, sandy loarn, clay loarn, silt loarn, sandy clay loarn, loarny sond. 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, trosh, or other materials larger that I and 1/2" in diameter.

ii. Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutsedge, paison 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 paunds 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

11. For sites having disturbed areas under 5 acres: i. Place topsoil (if required) and apply soil amendments as specified in <u>20.0 Vegetative Stabilization</u> – Section I – Vegetative Stabilization Methods and Materials.

iii. For sites having disturbed areas over 5 acres:

1. On soil meeting topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:

a. pH for topsoil shall be between 6.0 and 7.5. If

the tested soil demonstrates a pH of less than

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 1.5 percent by weight.

c. Topsoil having soluble salt content greater than 500 parts per million shall not be used.

d. No soid or seed shall be placed on soil 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

note toxic materials.

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

Place topsoil (if required) and apply soil ammendments specified in 20.0 Vegetative Stabilization-Section 1-Vegetative Stabilization Methods and Materials.

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"

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

iv. Topsoil shall not be place while the topsoil or subsoil is in a frazen or muddy condition, when the subsoi

detrimental to proper grading and seedbed preparation.

is excessively wet or in a condition that may otherwise be

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 soddling

vto-toxic materials.

natural topsoil.

V. Topsoil Application

- 8" higher in elevation.

or water pockets.

- SEDIMENT CONTROL NOTES 1. A minimum of 48 hours notice must be given to the Howard County Department of Inspection, License and Pernics Sediment Control Division prior to the start of any construction (313-1855).
- All vegetation 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
- Following initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed the confidence of a calendar days for all perimeter perimeter slopes, and all slopes greater sediment control structures, divithan 3:1, (b) 14 days as to the disturbed or graded areas on the
- All sediment traps/basins should must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7, HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5. 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 seeding, sod, temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch alone shall be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 6. 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	2.80 Acres
Area Disturbed	1.86 Acres
Area to be roofed or paved	0.99 Acres
Area to be vegetatively stabilized	0.87 Acres
Total Cut	*3,607 CY
Total Fill	*2,135 CY
Offsite waste/borrow area location	**

- 8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9. Additional sediment controls must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 10. 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.
- II. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.
- * Earthwork quantities are solely for the purpose of calculating fees. Contractor to verify all quantities prior to the start of construction.
- ** To be determined by contractor, with pre-approval of the Sediment Control Inspector with an approved and active grading permit

SEQUENCE OF CONSTRUCTION

- 2. Notify Howard County Department of Inspections, License and
- Permits at (410) 313-1880 at least 24 hours before starting any 3. Install Stabilized Construction Entrance, Silt Fence, Super Silt
- Fence and repair any damaged existing controls to remain. 4. Rough grade site and begin house construction. (I week) 5. Fine grade site and install level spreaders. (2 weeks)
- 6. Upon stabilization of all disturbed areas and with the permission of the Sediment Control Inspector, remove all sediment control measures and stabilize any remaining disturbed area. (I week)

-Following initial soil disturbance or any redisturbances, permanent or temporary stabilization shall be completed within: a. 7 calendar days for all perimeter sediment control structures, dikes, swales and all slopes greater than 3:1.

-During grading and after each rainfall, contractor will inspect and provide necessary maintenance to the sediment control measures on this plan

b. 14 calendar days for all other disturbed areas.

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 tans per acre dolamatic limestane (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 I thru April 30, and August I thru October 15, seed with 60 lbs. per acre (1.4 lbs/1000 sa.ft.) of Kentucky 31 Tall Fescue. For the period May I thru July 31, seed with 60 lbs. Kentucky 31 Toll Fescue per acre and 2 lbs. per acre (.05 lbs./1000 sa.ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tans 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 tans/acre well anchored straw

MULCHING: Apply I 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,

TEMPORARY SEEDING NOTES

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

501L AMENDMENTS: Apply 600 lbs. per acre 10-10-10 fertilizer

SEEDING: For periods Morn I thru April 30 and from August 15 thru November 15, seed with 1/2 bushel per acre of annual rye (3.2 lbs./1000 sq.ft.) For the period Moy I thru August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq.ft.). For the period November I thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible

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.

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

SEWER HOUSE CONNECTION CHART Inv. @ R/W MCE . Bsmt. El. Inv. of Main Lot # 364.30 359.26 355.25 349.64 358.99 366.90 363.07 353.04 363.22 360.32 367.90 354.29 368.10 360.96 354.29 363.60 369.80 360.14 365.18 355.25 367.20 362.88 360.04 355.35 364.80 346.93 360.23 352*.0*3 358.80 347.33 354.04 342.21 343.13 350.90 338.36 348.19

Inverts taken from Water \$ Sewer Plan Contract # 34-4275-D

OWNER/DEVELOPER

WILLIAMSBURG BUILDERS 5485 HARPERS FARM RD #200 COLUMBIA, MARYLAND 21044-3834 Telephone: (410) 997-8800 Fax: (410) 997-4358

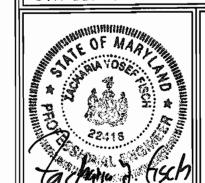
SEDIMENT AND EROSION CONTROL DETAILS

CRICKET CREEK

LOTS 1 THRU 9 NEW SINGLE FAMILY DETACHED DWELLINGS

TAX MAP 35 GRID 14 5TH ELECTION DISTRICT

PARCEL 65 HOWARD COUNTY, MARYLAND



Engineers Planners Surveyors 8318 Forrest Street Ellicott City, MD 21043 Tel:410-750-2251 Fax: 410-750-7350 E-mail: info@fsha.biz

DESIGN BY: PS DRAWN BY: KSZ CHECKED BY: ZYF SCALE: As Shown DATE: Mar. 15, 2006 W.O. No.: 3091 SHEET No. 4 OF 4

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS ENGINEERING DIVISION

ERVATION SERVICE CONSERVATION DISTRICT

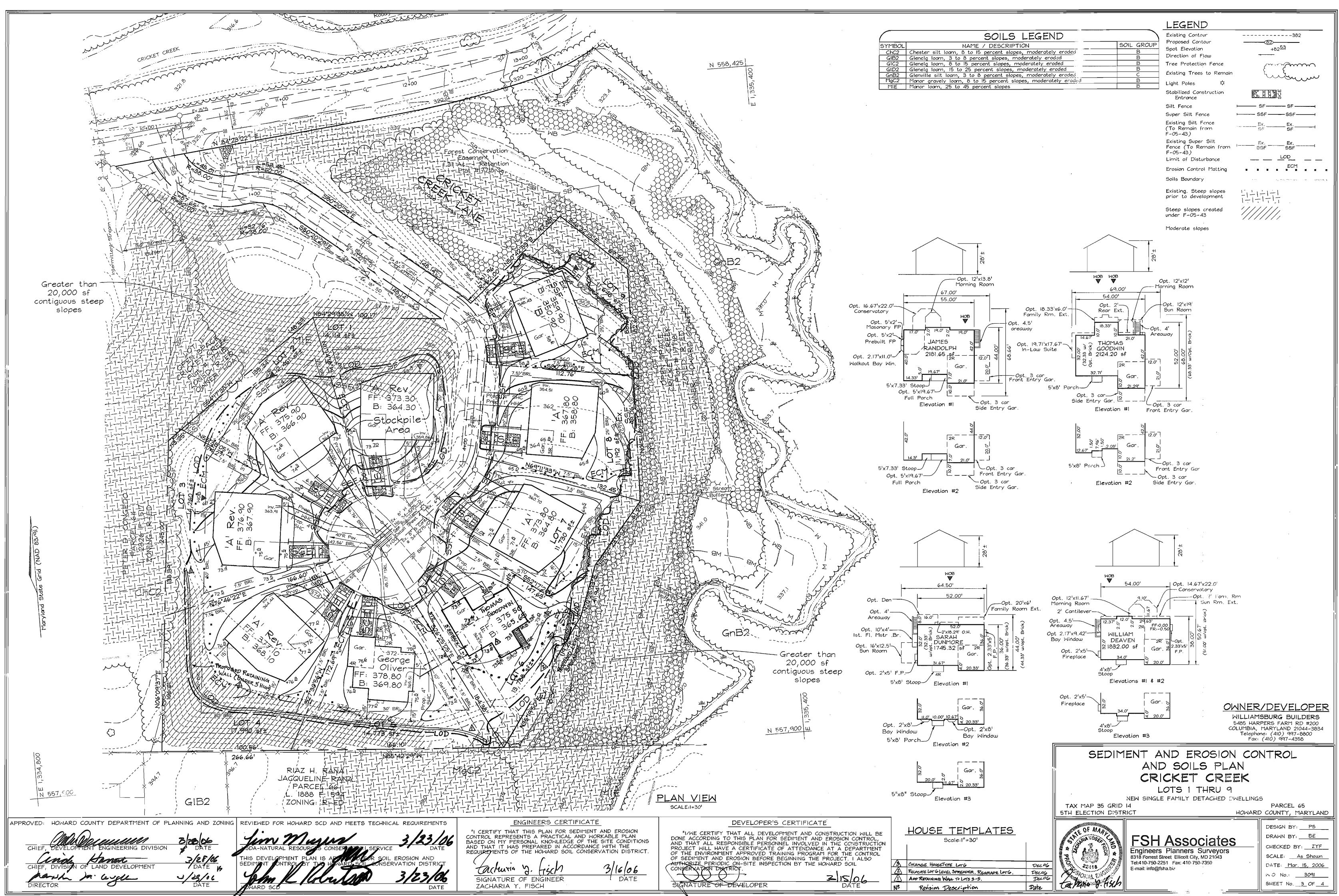
ENGINEERS CERTIFICATE

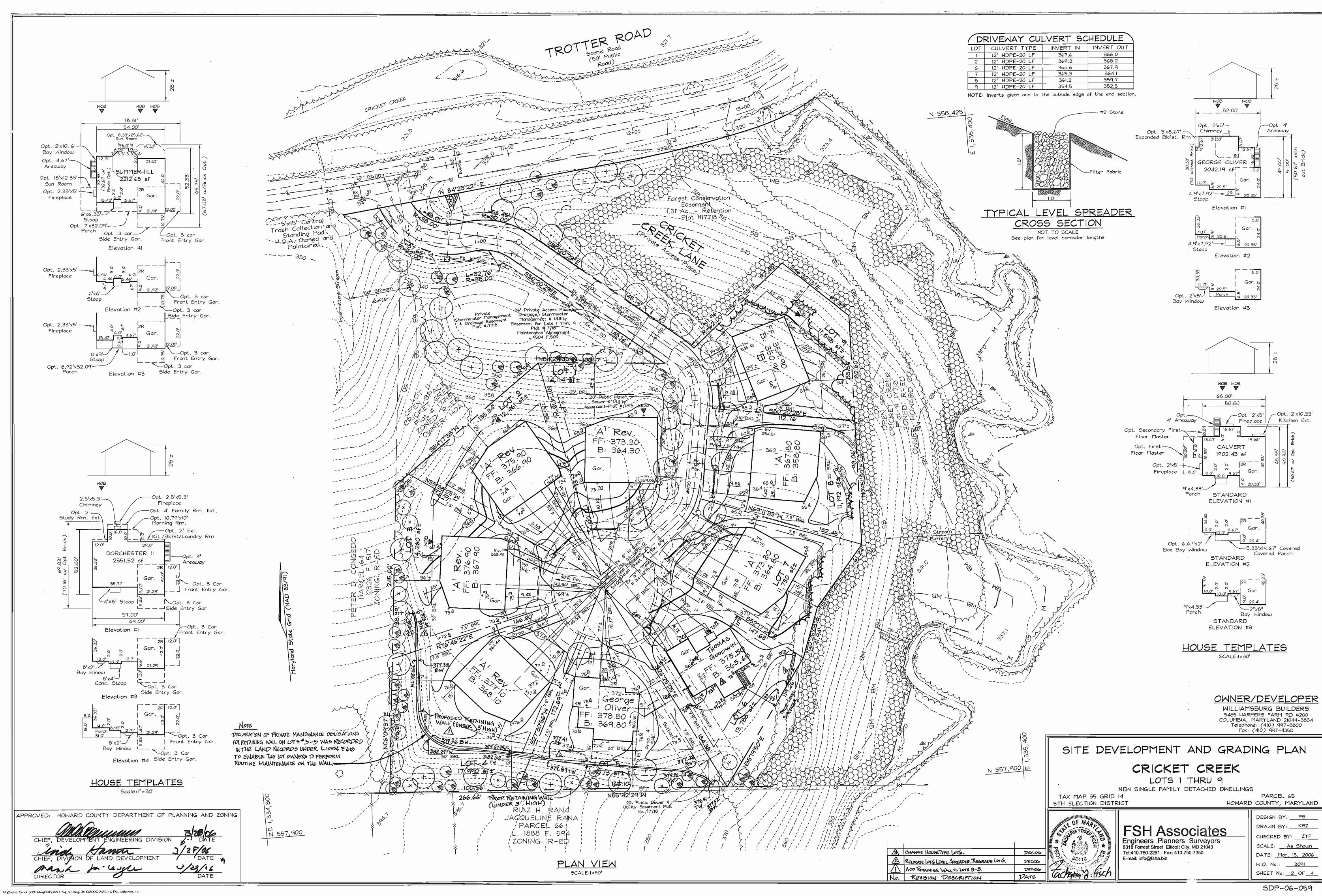
tacharia SIGNATURE OF ENGINEER ZACHARIA Y. FISCH

DEVELOPER'S CERTIFICATE "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS 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

SDP-06-059

"I 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.





GENERAL NOTES

- Subject property zoned "R-ED" per 02/02/04 Comprehensive Zoning Plan. The property is located within the Metropoliton District. Public water and Public sewer (Constructed under Contr. # 34-4275-D) will be used
- within this site.
- 4. Soils Mop No. 23.5. Area of Site: 2.80 Ac Acrest Open Space Tabulotion has been provided under F-05-43.
- The Contractor shall notify the following utility componies or agencies at leost five(5) working days before storting work shown on these plans:
- State Highway Administration BGE(Contractor Services) BGE (Underground Domage Control)
- Colonial Pipeline Compony 410.795.1390 Howard County, Dept. of Public Works, Bureau of Utilities 410.313.4900 Howard County Health Department The contractor shall notify the Department of Public Works/Bureau of Engineering
- Construction Inspection Division at (410) 313-1880 at least five (5) working days prior 9. The contractor shall notify Miss Utility at I-800-257-7777 at leost 48 hours prior
- to only excavation work being done. 10. The lots shown hereon comply with the minimum ownership, width and lot area as required by the Maryland State Department of the Environment.

The project is in conformance with the latest Howard County Standards unless waivers have

410 787 9068 1.800.257.7777

- 12. No grading, removal of vegetative cover or trees, or placement of new structures is permitted within the limits of wetlands, streoms, or their buffers and forest conservation easement areas. Traffic control devices, markings and signs shall be in accordance with the latest edition of the Manual of Uniform Traffic Control Devices (MUTCD). All street and regulatory signs shall be in place prior to the placement of any asphalt. All sign posts used for traffic control signs installed in the County right-of-way shall be mounted on a 2" galvanized steel, perforated, square tube post (14 gauge) inserted into a 2-1/2" galvanized steel, perforated square tube
- sleeve (12 gauge)-3' long. A galvanized steel pole cap shall be mounted on top of each post. All HDPE pipe specification and installation shall meet AASHTO M-252 Type 5, M-294 Type 5 and ASTM D2321, respectively.
- 15. Soil compaction specifications, requirements, methods and materials are to be in accordance with the recommendations of the project Geotechnical Engineer. Geotechnical Engineer to confirm acceptability of proposed paving section, based on soil test, prior to construction. The Geotechnical Report for this project was prepared by Hillis Carnes on January 16, 2001 and was approved on July 26, 2001, under F-05-43.
- 17. For bearings and distances of Forest Conservation Easements and Wetland Limits for this project see Record Plat 17718 recorded in the Lond Records of Howard County
- 18. Previous Howard County file number WP-01-84 (approved on March 8, 2001); SP-01-04; F-05-43; Contr. # 34-4275-D; Plats 17718 - 17721; PB Case No. 358
 SWM has been provided for under F-05-43. WQv, REv have been provided for within a sand
- filter facility. This site is exempt from providing CPv. 20. The coordinates shawn hereon ore based upon the Howard County Geodetic Control which is based on the Moryland State Plane Coordinate System. Howard County Monument Nos. 35DA and
- 35DB were used for this project. There are no historical structures, floodplains or cemeteries on site. For flag or pipestern lots, refuse collection, snow removal and road maintenance are pravided to the junction of the flag or pipestern and road right-of-way line.
- Landscaping has been provided for this project under F-05-43. Two Foot Topography provided by 3DI, LLC., In March, 1999, and from Rood Coonstruction Plan F-05-43. Boundary Survey and Control for Aerial Topography was provided by Design Tech Associates, Inc. Boundary confirmed by FSH Associates.
- 25. Wetland Delineation was completed by Campbell and Nolan Associates, Inc. In July 8, 1999 and Forest Stand Delineation was completed by Campbell and Nolan Associates, Inc. In July, 1999 and approved under SP-01-04.
- The Floodplain study for this project was prepared by Kantzer & Associates on January 10, 2001 and was approved on July 26, 2001 under SP-01-04.
- 28. The Traffic study for this project was prepared by Lee Cunningham & Associates on Morch, 2000 and was approved by DPZ on May 8, 2001 under SP-01-04. 29. A determination was made by DPZ based on justification from the developer that the Private Access Place for this project is considered on essential disturbonce to the 50' streom buffer and 25% steep slope area in accordance with Section 16.116(c) of the Subdivision and Land
- Development Regulations under SP-01-04. 30. Street lights will be required in this development in accordance with the Design Manual. Street light placement and the type of fixture and pole selected shall be in accordance with the latest Howard County Design Manual, Volume III (1993) and as modified by "Guidelines for Street Lights in Residential Developments (June 1993)." The June 1993 policy includes guidelines for lateral and longitudinal placement. A minimum spacing of 20' shall be maintained between any
- The 5'x15' concrete pad for the refuse and recycle collection pad located within open space Lot II will be maintained by HOA pursuant to a Declaration of Right of access and maintenance obligation recorded among the Howard County Land Records Office under F-05-43.
- This plan is subject to a waiver from Section 5.2.6.D.I of the Howard County Design Manual, Volume One to eliminate the required 12' level area around the stormwater management facility for maintenance. This waiver was approved on Jonuary 05, 2005 under F-05-43.
- Existing utilities are located by the use of ony or all of the following: Road Construction Plans, Field Surveys, Public Water and Sewer Plans and other available record drawings. Approximate locate existing utilities well in advance of construction activities and take all necessary precautions to protect the existing utilities and to maintain uninterrupted service. Any damage incurred due to the contractor's operation shall be repaired immediately at the contractor's
- 34. Estimates of Earthwork quantities are provided solely for the purpose of calculating fees.
 35. In accordance with section 128 of the Howard County Zoning Regulations, bay windows, chimneys, or exterior stairways not more than 16 feet in width may project not more than 4 feet into any setbacks, or decks, open or enclosed may project not more than 10 feet into the
- 36. Driveway(s) shall be provided prior to issuance of a use and occupancy permit for any new dwelling to insure safe access for fire and emergency vehicles per the following (minimum)
 - A) Width-12 feet (14' serving more than one residence).
 B) Surface-6 inches of compacted crusher run base with 1 1/2" Min. tar and chip
 - C) Geometry-max. 14% grade, max. 10% grade change, and 45 foot turning radius.
 D) Structures (bridges/culverts)-capable of supporting 25 gross tons (H25-loading).) Drainage elements-capable of safely passing 100 year flood with no more than one
 - depth over driveway surface.

 F) Structure clearance-minimum 12 feet.

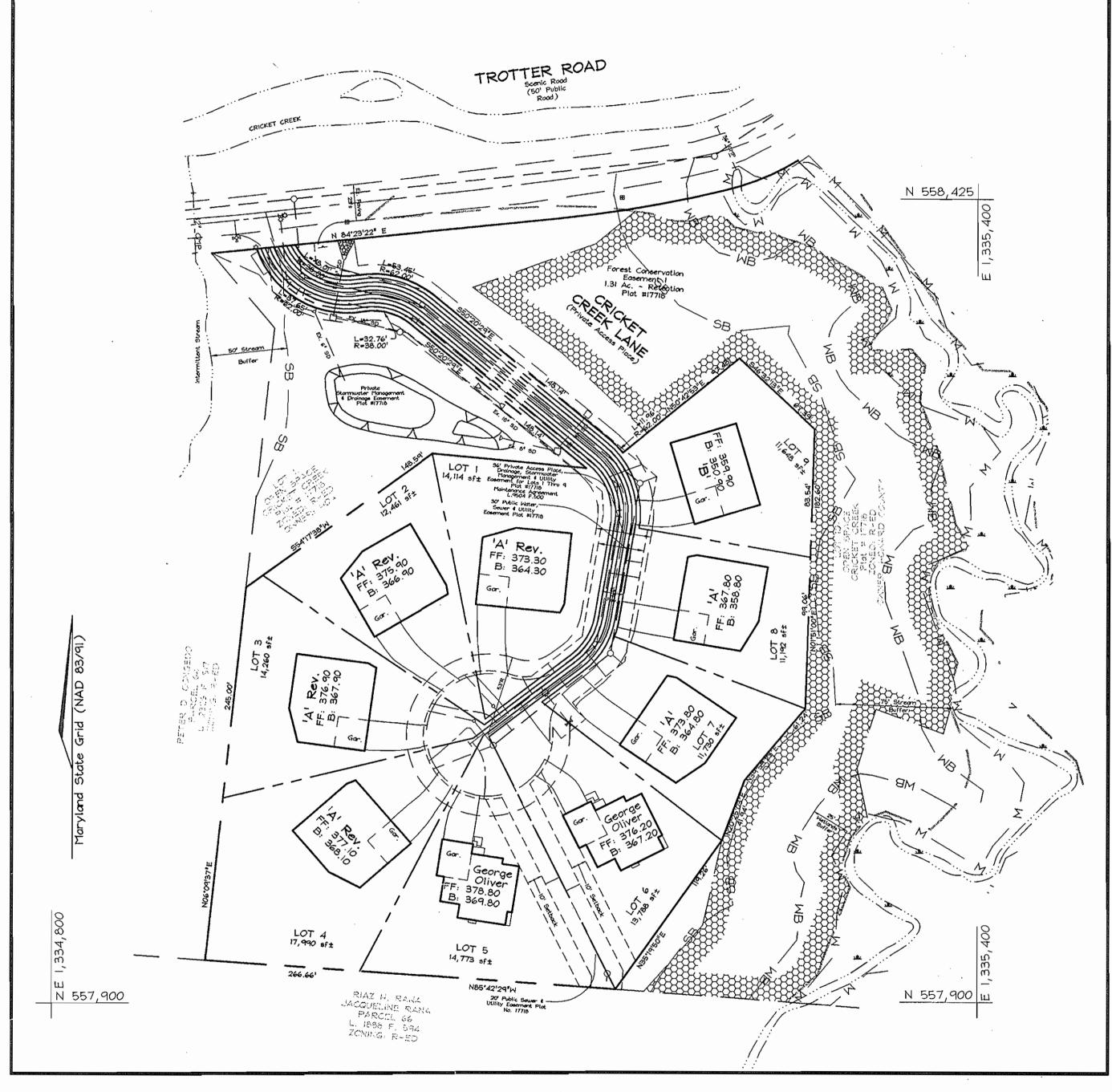
shall not be placed within the easement.

- G) Maintenance-sufficient to insure all weather use. 37. Driveway aprons are to be constructed per Howard County Standard detail 6.06 for Lots | \$ 2
- See Sheet #4 for Sewer House Connection Chart. The contractor shall notify Miss Utility at 1-800-257-7777 at least 48 hours prior to any
- excavation work being done. 40. This SDP is subject to the Amended Fifth Edition of the Subdivision and Land Development Regulations per Council Bill No. 45-2003 and the Amended Zoning Regulations per Council Bill No. 75-2003. Development or construction on this property must comply with setback and buffer
- regulations in effect at the time of submission of the site development plan, waiver petition application or building/grading permit applications. 41. The subdivision plan was approved by the Howard County Planning Board under PB Case No. 358
- by Decision and Order dated 1/23/02. 42. The forest conservation requirement for this subdivision was approved and provided under
- F-05-43 with the retention of 2.04 acres.
- 43. The scenic road exhibits for this subdivision were reviewed and approved under SP-01-04. 44. On 07/07/06, the Chief of the Bureau of Engineering approved a waiver from Dasign Manual Volume II
- to allow to reduce the required 10' Horizontal Clearance between the dwelling and the Sewer 45. No improvements shall be constructed or placed within the Public Sewer and Utility Easement that will impede or hinder access to the sewer main. Improvements such as decks, fencing, and trees
- 46. In accordance with Section 16.116.C of the Subdivision and Land Development Regulations, the limited grading into the edge of existing steep slopes within Lot 6 is the minimum disturbance essential for reasonable development of the lot, and to allow proper functioning of the level spreader SWM device.

SITE DEVELOPMENT PLAN CRICKET CREEK

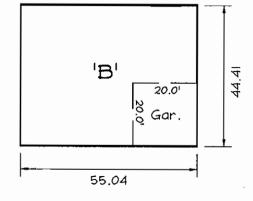
LOTS 1 THRU 9

HOWARD COUNTY, MARYLAND



LOCATION MAP

-First Floor Master -4' Areaway Summerhill - with na aptions Sarah Dunmore- with options -20'x 6' Fam. Rm. Ext. -2'x 18.29' O.H. -8'x 16' Den



James Randolph - with no options William Deaven - with options -2' Cantilever -21 Fam. Rm. \$ Sun Rm. Ext Sarah Dumnore - with options -20'x 6' Fam. Rm. Ext -2'x 18.29' O.H. -8'x 16'Den

Subdivision Name:

Cricket Creek

17718 - 17721

Water Code

PERMIT INFORMATION CHART

Section/Area

Sewer Code

6650000

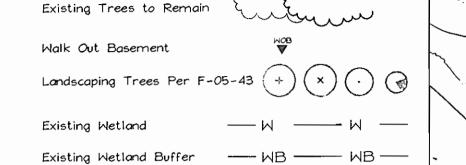
N/A

Zoning

R-ED

TYPICAL GENERIC HOUSE BOXES Scale:1"=30'

Only the house model options listed for each box are allowed per this plan with all of the other options shown on the house models but not listed, such as the 3 car front and side entry garages, family room extension, conservatory, morning room or sunroom are not permitted on the subject lats imless the specific house model and option is shown on the subject lots.



+82⁵³

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Existing Light Pole Per F-05-043 Level Spreader Per F-05-043 Forset Conservation 

LEGEND

Existing Contour

Spot Elevation

Proposed Contour

Direction of Flow

Existing Stream Buffer

Easement

ADDRESS CHART

STREET

6010 Cricket Creek Lane

6014 Cricket Creek Lane

6018 Cricket Creek Lane

6022 Cricket Creek Lane

6023 Cricket Creek Lane

6019 Cricket Creek Lane

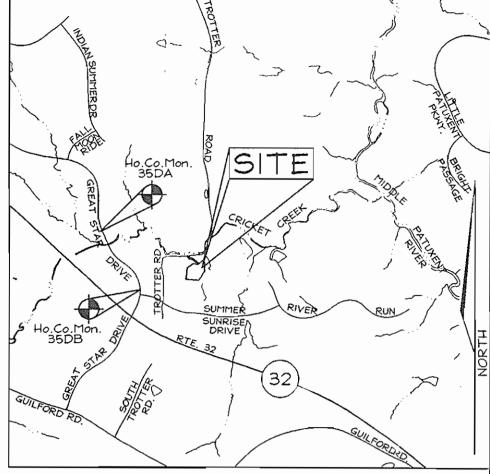
6015 Cricket Creek Lane

6011 Cricket Creek Lane

6007 Cricket Creek Lane

Sediment and Erosion Control Details

Per F-05-043



# VICINITY MAP

# BENCHMARKS

N 170,358.7421 E 406,341.0695 E1.: 107.1628 (meters) N 558,918.639 E 1,333,137.325 E1.: 351.583 (feet) N 169,986.1310 E 406,596.2654 El.: 122.4288 (meters) N 557,696.164 E 1,333;974.580 EI.: 401.668 (feet)

### SITE ANALYSIS DATA CHART

- a. Total project area: 2.80 Acres± b. Area of plan submission: 2,80 Acrest
- c. Limit of disturbed area: 1.86 Acrest
- d. Present zoning: "R-ED" per 02/02/04 Comprehensive Zoning Plan.
- e. Proposed uses for site \$ structures: Single Family Detached Dwellings
- f. Floor space on each level of building(s) per use: See house templates.

WP-01-84; PB Case No. 358

4 of 4

g. Building coverage of site: 0.57 Acres and 20% of Gross Area. h. DPZ file references: SP-01-04; Contract # 34-4275-D; F-05-43; Plat # 17718 - 17721;

SHEET INDEX DESCRIPTION SHEET No. 1 of 4 2 of 4 Site Development and Grading Plan 3 of 4 Sediment and Erosion Control and Soils Plan

### 1. Driveway must be paved using standard paving section P-1 as shown on Standard. No. R 2.01 Graded Shoulder or alternate section equal to or better than P-I, as approved by D.P.W. 2. Drainage culvert shall be sized for a 10 year frequency storm and the minimum size shall be Standard Flare 12" dia. round or 14" x 9" orch pipe if larger -End Section (Typ pipe is required, ditch invert shall be lowered to provide min. ditch gradient of 0.5% and clearance shown. Edge Of Pavement 3. Swale flow may be provided over driveway located at or near the crest of vertical **G** Private Access Place curves on the public road where quantity of flow is small, as approved by D.P.W. 4. Tie-in grade of private driveway shall not exceed 14%. A-5. See Driveway Culvert Schedule, sheet two, for sizes, inverts and legaths. See F-05-043 4' Min. Stabilized Shoulder Widthfor computations. 6. See Howard County Standard Detail R.6.06 for more information. —Hold Normal Shoulder Private <u>driveway</u> Elevation at This Point Private Driveway Grade Varies

# RESIDENTIAL DRIVEWAY ENTRANCE

Normal Ditch Grading-

SECTION A-A

See Note 1-

Lot/Parcel No

6055.01

Tax Map No. |Elect. District|Census Tract

OWNER/DEVELOPER WILLIAMSBURG BUILDERS 5485 HARPERS FARM RD #200 COLUMBIA, MARYLAND 21044-3834 ADD GENERAL NOTES 44, 45 AND 46. Telephone: (410) 997-8800 Fax: (410) 997-4358 REVISION DESCRIPTION DATE

(Recommended Max. Grade 14%)

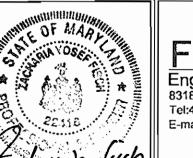
## CRICKET CREEK

COVER SHEET

LOTS 1 THRU 9

NEW SINGLE FAMILY DETACHED DWELLINGS

TAX MAP 35 GRID 14 PARCEL 65 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND



FSH Associates Engineers Planners S. yors 8318 Forrest Street Ellicott City, 43 43 Tel:410-750-2251 Fax: 410-750 /Sc. E-mail: info@fsha.biz

DESIGN BY: PS DRAWN BY: KSZ CHECKED BY: ZYF SCALE: As Shown DATE: <u>Mar. 15, 2006</u> W.O. No.: <u>3091</u>

> SHEET No. 1 OF 4 SDP-06-059

3/28/06

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

Thomas Goodwin - with options

-19.71'x 17.67' In-Law Suite

-2' Ext. Kit./ Bkfast/ Laundry Rm.

-10.79'x 10' Morning Rm.

-5'x 8' Porch

-2' Rear Ext.

Dorchester II - with options

James Randolph - with options

George Oliver - with all aptions William Deaven- with all options

(Elev. #I \$ #2)

-2' Study Rm. Ext.

-5'x 2' Masonary FP.

Calvert - with all options except -4' Areaway -10'x 4' Ist Fl. Mstr. Br.