

LEGEND

Existing Contour: ---382---
 Proposed Contour: ---B2---
 Existing Spot Elevation: 82.3
 Proposed Spot Elevation: +82.53
 Direction of Flow: [Arrow]
 Existing Trees to Remain: [Tree Symbol]
 Proposed House: [House Symbol]
 Super Silt Fence: ---SSF---
 Silt Fence: ---SF---
 Tree Protection Fence: ---TPF---
 Limit of Disturbance: ---LOD---
 SWM Drainage Divide: ---SWM---
 SWM Treatment Area No. and Treatment Type: ② Treatment Type
 Landscape Perimeter: [Dotted Line]
 Specimen Tree: [Tree Symbol]
 Erosion Control Matting: ---ECM---
 Clean Water Diversion Dike (A-2): [Dike Symbol]
 Stabilized Construction Entrance: [Stippled Area]
 Existing Paving: [Hatched Area]
 Existing Fence: [Double Line]
 Prop. Level Spreader: [Dashed Line]
 Prop. Retaining Wall (Max. height 2.9'): [Wall Symbol]
 Stream Bank Buffer Area: [Stippled Area]
 Slopes 15 - 24.9%: [Hatched Area]
 Prop. Driveway Widening (12'): [Dashed Line]
 Test Pit (see sheet 2 chart): TP-1
 Proposed Landscape Tree: [Tree Symbol]
 Existing Tree - Retained for Credit: [Tree Symbol]

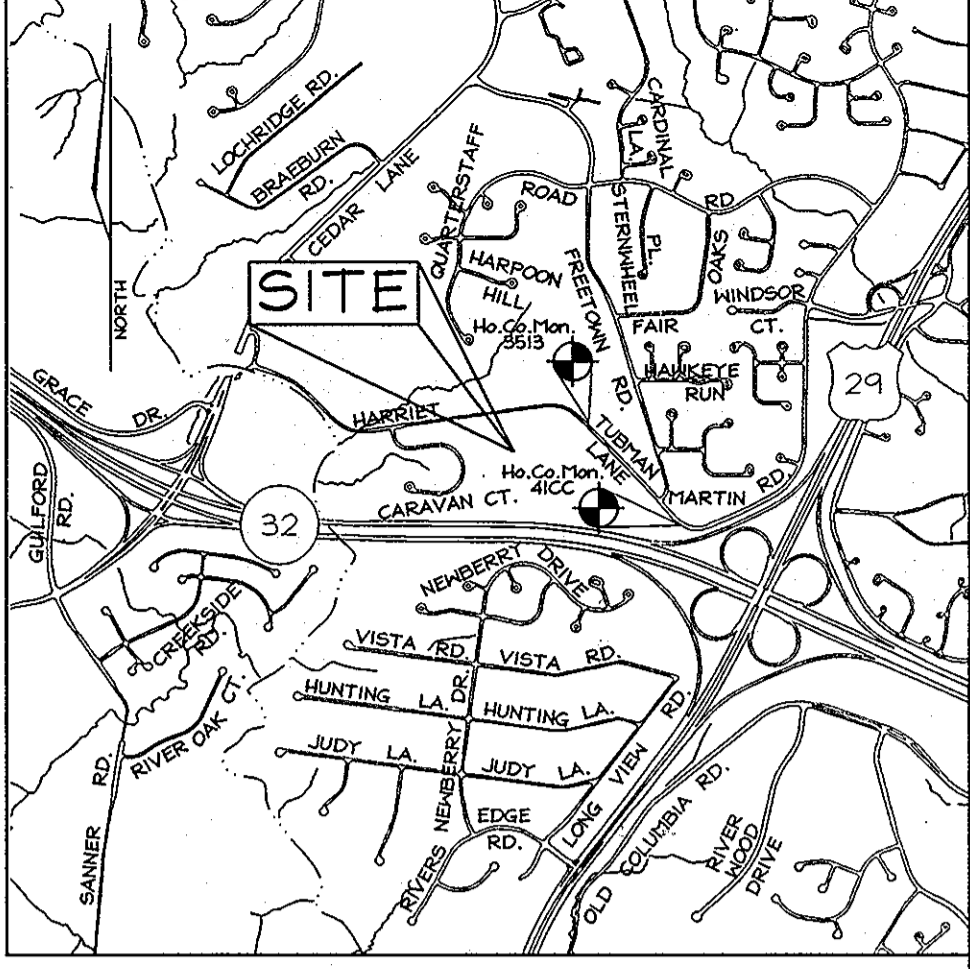
GENERAL NOTES

- The subject property is zoned R-20 per the 02/02/04 Comprehensive Zoning Plan and per the "Comp Lite" Zoning Amendments effective on 07/28/06.
- Total area of property = 1.003 ac.
- Public water and sewer will be used within this site via existing Contract #34-3273 & #30-3274.
- 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.
- There are no floodplains, historic structures or cemeteries on-site.
- This property is subject to the Amended 5th edition of the Howard County Subdivision and Land Development Regulations.
- All construction shall be in accordance with the latest standards and specifications of Howard County plus MSHA standards and specifications if applicable.
- Forest conservation for this project will be fulfilled by submitting a declaration of intent that will state that the clearing will amount to less than 20,000 square feet.
- Field run boundary and topographic survey prepared by FSH Associates in June, 2012.
- Forest stand delineation prepared by Exploration Research, Inc. approved under ECP-13-005.
- Existing utilities are based on field survey by FSH Associates and water & sewer contract drawings #34-3273 and #30-3274.
- For flag or pipestem lots, refuse collection, snow removal and road maintenance are provided to the junction of the flag or pipestem and road right-of-way line and not to the pipestem lot driveway.
- Paving and concrete pads designated "TBR" are to be removed and revegetated.
- Wetlands analysis prepared by Exploration Research, Inc. on May 18, 2012. No wetlands exist on site.
- The Environmental Concept Plan, ECP-13-005, was approved on Oct. 10, 2012.
- 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 to the start of work and the contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work being done.
- The coordinates shown herein are based upon the Howard County Geodetic Control which is based on the Maryland State Plane Coordinate System. Howard County Monument Nos. 3513 and 41CC were used for this project.
- Water and Sewer are Public (Contracts #34-3273 and #30-3274). Outside metering is proposed.
- Driveway(s) shall be provided prior to issuance of a use and occupancy permit to ensure safe access for fire and emergency vehicles per the following requirements:
 - Width - 12 feet (per design manual waiver dated 6-17-13)
 - Surface - six (6") inches of compacted crusher run base with tar and chip coating (1-1/2" minimum)
 - Geometry - Maximum 15% grade, Maximum 10% grade change and 45-foot turning radius
 - Structures (culverts/bridges) - capable of supporting 25 gross tons (H25-loading)
 - Drainage elements - capable of safely passing 100 year flood with no more than 1 foot depth over surface
 - Maintenance - sufficient to ensure all weather use
- The contractor shall notify the following utility companies or agencies at least five(5) working days before starting work shown on these plans:

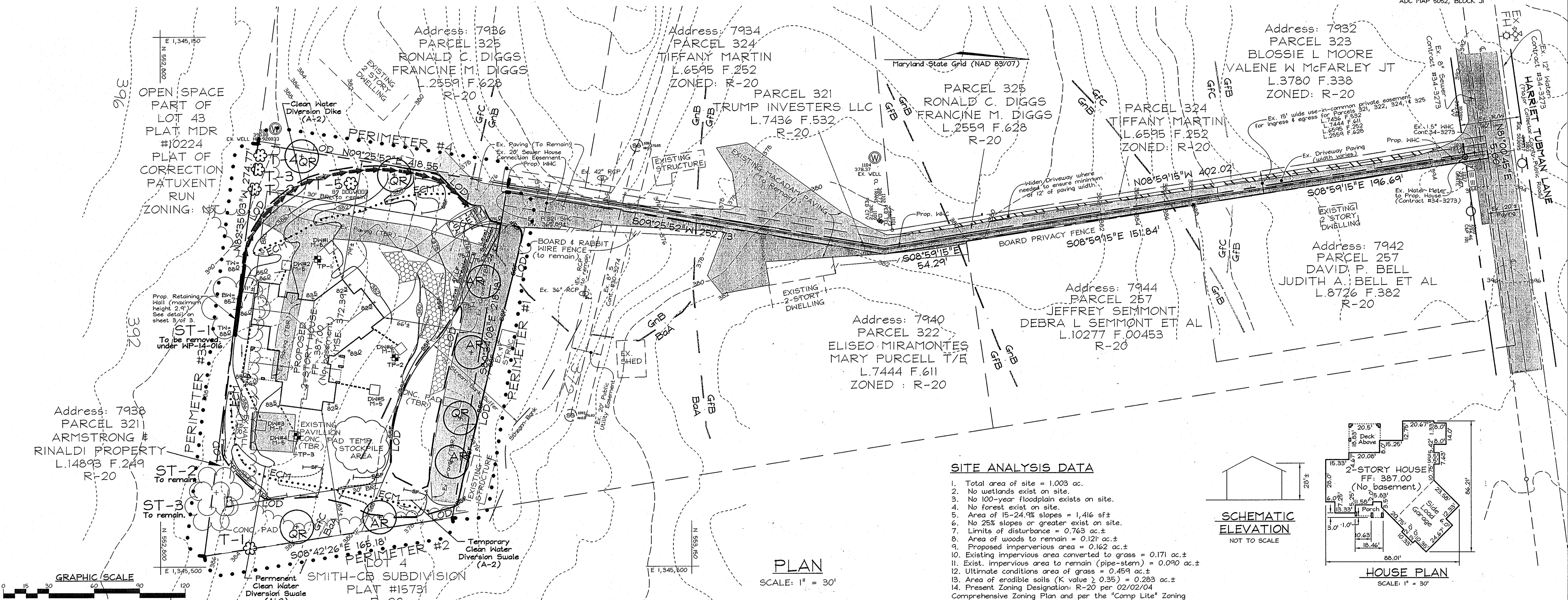
State Highway Administration	410.531.5533
BGE (contractor services)	410.850.4620
BGE (underground damage control)	410.787.9068
Miss Utility	1.800.257.7777
Colonial Pipeline Company	410.756.1390
Howard County, Dept. of Public Works, Bureau of Utilities	410.313.4900
Howard County Health Department	410.313.2640
- Prior to beginning of construction, Contractor to verify all dimensions in the field and if a discrepancy is found, contact the engineer.
- BRL Denotes Building Restriction Line.
- Perimeter landscaping shall be provided in accordance with Section 16.124 of the Landscape Manual.
- Financial surety for the required landscaping will be posted as part of the Developer's Grading Permit in the amount of \$2,400.00 (8 trees @ \$300.00 each) at Site Development Plan Stage.
- Outside metering is proposed.

GEODETIC SURVEY CONTROL

Sta. 3513	N 553,573.6927	E 1,346,098.0898	El.: 415.335 (feet)
Sta. 41CC	N 852,494.2612	E 1,347,062.3894	El.: 399.946 (feet)



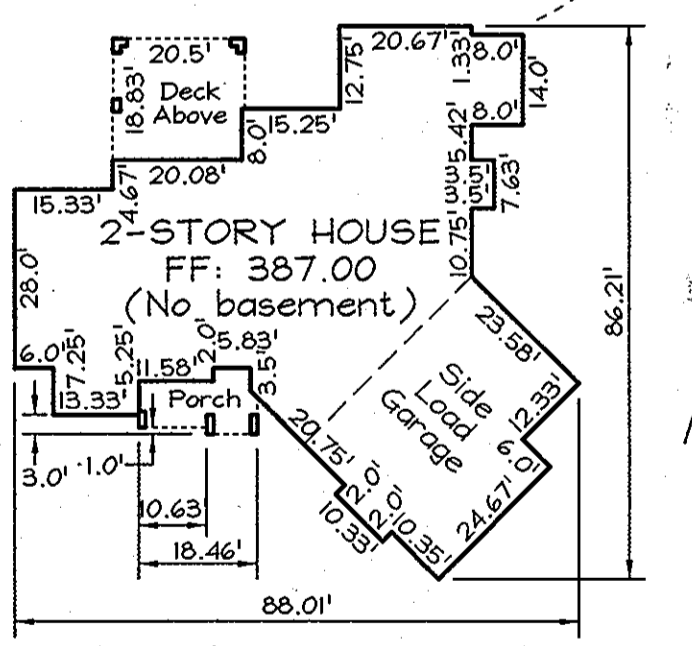
VICINITY MAP
 SCALE: 1" = 2000'
 ADC MAP 5052, BLOCK JI



SITE ANALYSIS DATA

- Total area of site = 1.003 ac.
- No wetlands exist on site.
- No 100-year floodplain exists on site.
- No forest exist on site.
- Area of 15-24.9% slopes = 1,416 sq ft
- No 25% slopes or greater exist on site.
- Limits of disturbance = 0.763 ac.±
- Area of woods to remain = 0.121 ac.±
- Proposed impervious area = 0.162 ac.±
- Existing impervious area converted to grass = 0.171 ac.±
- Exist. impervious area to remain (pipe-stem) = 0.090 ac.±
- Ultimate conditions area of grass = 0.459 ac.±
- Area of erodible soils (K value > 0.35) = 0.283 ac.±
- Present Zoning Designation: R-20 per 02/02/04 Comprehensive Zoning Plan and per the "Comp Lite" Zoning Regulation Amendments effective 7/28/06.
- Proposed Use: Single-Family Dwelling
- Total number of units proposed for this lot: 1
- DPZ file references: ECP-13-005, WP-14-016.
- Floor space on each level of building per use: See house templates.

SCHEMATIC ELEVATION
 NOT TO SCALE



HOUSE PLAN
 SCALE: 1" = 30'

STORMWATER MANAGEMENT PRACTICES

LOT NO.	ADDRESS	DISCONNECTION OF NON-ROOFTOP RUNOFF (N-2)	DRY WELLS (M-5)
Parcel 321	7938 Harriet Tubman Lane	Yes	6

SHEET INDEX

DESCRIPTION	SHEET No.
Site Development, Grading, Sediment Controls and Landscape Plan	1 of 3
Stormwater Management, Sediment Controls, and Landscape Details	2 of 3
Sediment Controls and Details	3 of 3

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

John R. Robertson 10/1/13 DATE
 HOWARD SCD

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief 1/7/14 DATE
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

Ved Shaw 1-24-14 DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT

Director 1/27/14 DATE
 DIRECTOR

ENGINEERS CERTIFICATE

"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."

Signature 9/30/13 DATE
 SIGNATURE OF ENGINEER

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 CONSERVATION DISTRICT."

Signature 30 Sep 2013 DATE
 SIGNATURE OF DEVELOPER

OWNER/DEVELOPER

Mark E. Armstrong
 Patricia M. Rinaldi
 9243 Hourglass Place
 Columbia, MD 21045
 (410) 757-4716

ADDRESS CHART

LOTS	STREET
P. 321	7938 Harriet Tubman Lane

PERMIT INFORMATION CHART

Subdivision Name:	Section/Area	Lot/Parcel No.
Parcel 321	N/A	P. 321

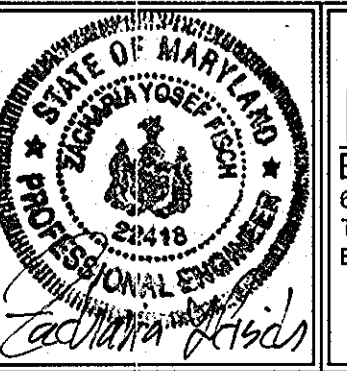
Deed / Plat	Grid	Zoning	Tax Map No.	Elect. District	Census Tract
1489B / 249	23	R-20	35	4th	6056.02

PROFESSIONAL CERTIFICATION

I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22418, Expiration Date: 07/29/2015.

SITE DEVELOPMENT, GRADING, SEDIMENT CONTROLS AND LANDSCAPE PLAN
ARMSTRONG & RINALDI PROPERTY

7938 HARRIET TUBMAN LANE
 TAX MAP 35 GRID 23
 5TH ELECTION DISTRICT
 PARCEL 321
 HOWARD COUNTY, MARYLAND



FSH Associates
 Engineers Planners Surveyors
 6339 Howard Lane, Elkridge, MD 21075
 Tel: 410-567-5200 Fax: 410-796-1562
 E-mail: info@sheri.com

DESIGN BY: CRH2
 DRAWN BY: CRH2
 SCALE: 1" = 30'
 DATE: Sep 27, 2013
 W.O. No.: 3800
 SHEET No.: 1 OF 3

B-3. STANDARDS AND SPECIFICATIONS

SITE PREPARATION, TOPOGRAPHY, AND SOIL AMENDMENTS

Definition: The process of preparing the soils to attain adequate vegetative stabilization.
Purpose: To provide a suitable soil medium for vegetative growth.

Conditions Where Practice Applies

Criteria: Where vegetative stabilization is to be established.

A. Soil Preparation

- 1. Temporary Stabilization
a. Seedbed preparation consists of loosening soil to a depth of 1 to 5 inches by means of suitable agricultural or construction equipment...
b. Apply fertilizer and lime as prescribed on the plan.

2. Permanent Stabilization

- a. A soil test is required for any earth disturbance of 5 acres or more. The minimum soil conditions required for permanent vegetative establishment are:
i. Soil pH between 6.0 and 7.0.
ii. Soluble silica less than 500 ppm per million (ppm).

Standard Stabilization Note

Following initial soil disturbance or re-disturbance, permanent or temporary stabilization must be completed within:
a. Three (3) calendar days to the surface of all perimeter dikes, erosion, ditches, berms, and all slopes steeper than 3 horizontal to 1 vertical (3:1).

- 7. A sequence of construction describing the relationship between the implementation and maintenance of controls, including permanent and temporary stabilization, and the various phases of earth disturbance and construction.

B. Topsoil

- 1. Topsoil is placed over prepared subsoil prior to establishment of permanent vegetation. The purpose is to provide a suitable soil medium for vegetative growth.
2. Topsoil is placed over an existing site and is not to be graded or prepared in any way other than the specifications.

C. Soil Amendments (Fertilizer and Lime Specifications)

- 1. Soil tests must be performed to determine the exact ratios and application rates for both lime and fertilizer on sites having disturbed areas of 5 acres or more.
2. Fertilizers must be uniform in composition, free flowing and suitable for accurate application by appropriate equipment.

B-3. STANDARDS AND SPECIFICATIONS

SEEDING AND MULCHING

Definition: The application of seed and mulch to establish vegetative cover.
Purpose: To protect disturbed soils from erosion during and at the end of construction.

Conditions Where Practice Applies

Criteria: To the surface of all perimeter controls, slopes, and any disturbed area not under active grading.

A. Seeding

- 1. Specifications
a. All seed must meet the requirements of the Maryland Seed Law. All seed must be subject to testing by a recognized seed laboratory.

2. Application

- a. Dry Seeding: This includes use of conventional drop or broadcast spreaders.
i. Incorporate seed into the subsoil at the rates prescribed on Temporary Seeding Table B.1.
ii. Apply seed in two directions, perpendicular to each other.

B. Mulching

- 1. Mulch Material (in order of preference)
a. Straw consisting of heavily dehusked wheat, rye, oat, or barley and reasonably light in color. Straw is to be free of noxious weed seeds.

Permanent Seeding Summary

Table with columns for Soil Moisture, Species, Application Rate, Seeding Depth, and Rate. Includes rows for Tall Fescue, Perennial Ryegrass, and Clover.

B. STANDARDS AND SPECIFICATIONS

FOR DUST CONTROL

Definition: Controlling the suspension of dust particles from construction activities.

Permanent Seeding Summary

Table with columns for Soil Moisture, Species, Application Rate, Seeding Depth, and Rate. Includes rows for Tall Fescue, Perennial Ryegrass, and Clover.

B. STANDARDS AND SPECIFICATIONS

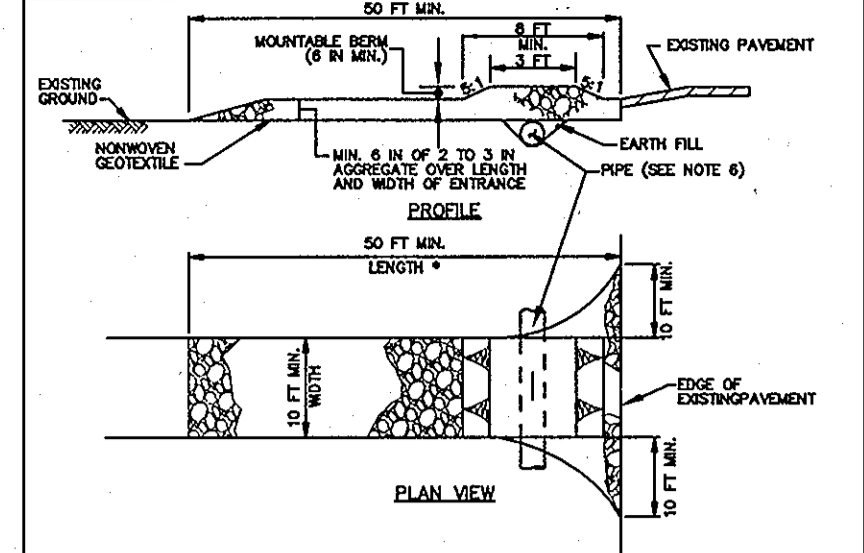
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DETAIL B-1 STABILIZED CONSTRUCTION ENTRANCE



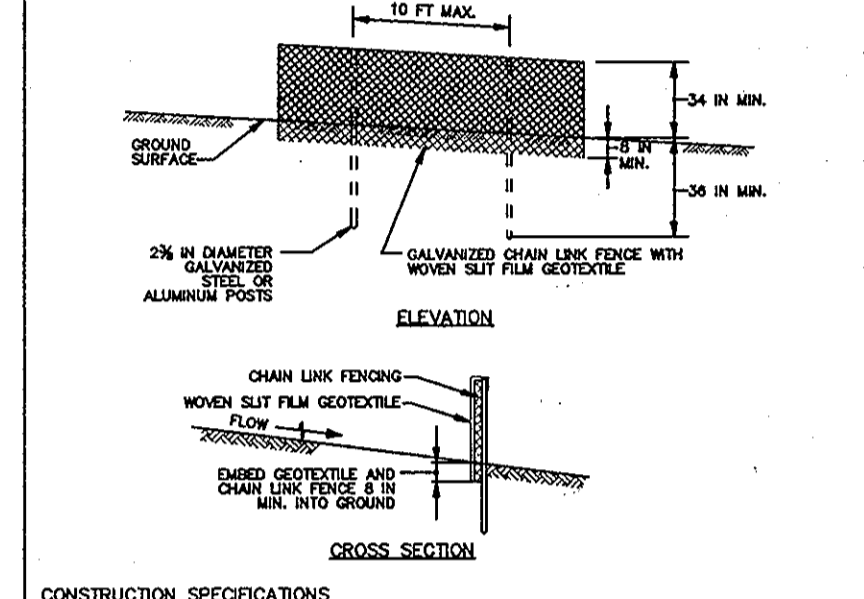
CONSTRUCTION SPECIFICATIONS

- 1. PLACE STABILIZED CONSTRUCTION ENTRANCE IN ACCORDANCE WITH THE APPROVED PLAN. VEHICLES MUST TRAVEL OVER THE ENTIRE LENGTH OF THE SOIL. USE MINIMUM LENGTH OF 50 FEET (50 FEET FOR SINGLE RESIDING LOTS) USE MINIMUM WIDTH OF 10 FEET. FLARE SIDE 10 FEET MINIMUM AT THE EXISTING ROAD TO PREVENT TURNING PONDING.
2. PAVE ALL SURFACE WATER FLOWING TO OR DIVERTED TOWARD THE SITE UNDER THE ENTRANCE.

MARKLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

U.S. DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE 2011

DETAIL E-3 SUPER SILT FENCE



CONSTRUCTION SPECIFICATIONS

- 1. INSTALL 2x6 INCH DIAMETER GALVANIZED STEEL POSTS OF 0.063 INCH WALL THICKNESS AND SIX FOOT LENGTHS NO FURTHER THAN 10 FEET APART. DRILL THE POSTS A MINIMUM OF 36 INCHES INTO THE GROUND.
2. FASTEN 8 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE (26 MESH) MINIMUM OF 42 INCHES TO THE POSTS.

B. STANDARDS AND SPECIFICATIONS

FOR DUST CONTROL

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Table with columns for Soil Moisture, Species, Application Rate, Seeding Depth, and Rate. Includes rows for Tall Fescue, Perennial Ryegrass, and Clover.

ARMSTRONG & RINALDI PROPERTY SOILS INVESTIGATION

Inspection Date: 3-20-2013
Inspector: Stephen Haber

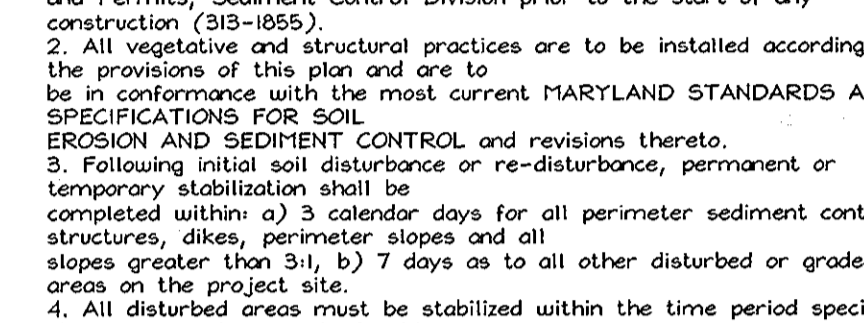
Table showing soil test results for TP-1 and TP-2, including Depth (ft), Color, and USDA Soil Texture.

SEDIMENT CONTROL NOTES

- 1. 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 (315-1005).
2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

TYPICAL TREE PLANTING AND STAKING

DECIDUOUS TREES UP TO 2-1/2" CALIPER NOT TO SCALE



LANDSCAPE SCHEDULE

Table with columns for Key, Quantity, Botanical Name, Size, and Note. Lists plants like Acer rubrum, Liquidambar styraciflua, and Cornus florida.

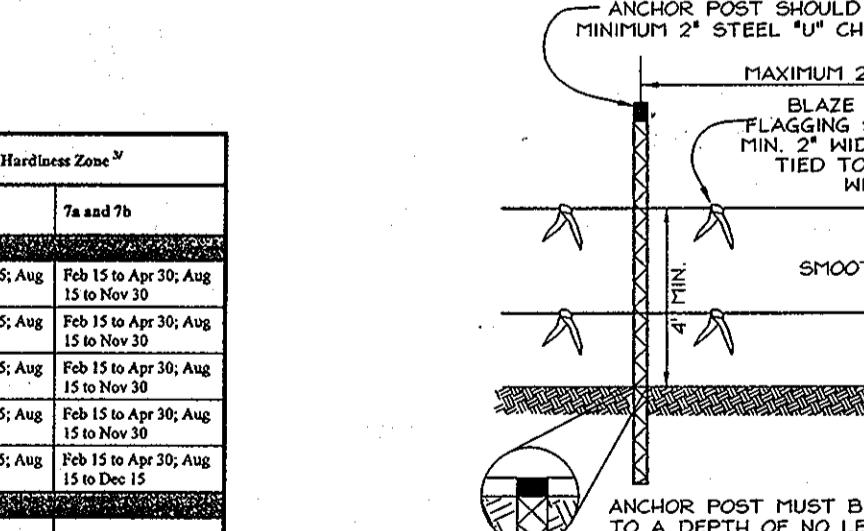
VEGETATIVE ASSESSMENT

Table with columns for Tree #/DBH, Common Name, Scientific Name, Condition, and Comments. Lists trees like Tulip Poplar and Flowering Dogwood.

SEQUENCE OF CONSTRUCTION

- 1. Obtain grading permit.
2. Notify Howard County Department of Inspections, License and Permits at (410) 313-1680 at least 48 hours before starting any work.
3. Install Stabilized Construction Entrance, Silt Fence, Super Silt Fence, Clean Water Diversion swale & dike. (1 day)

TWO STRAND SMOOTH WIRE



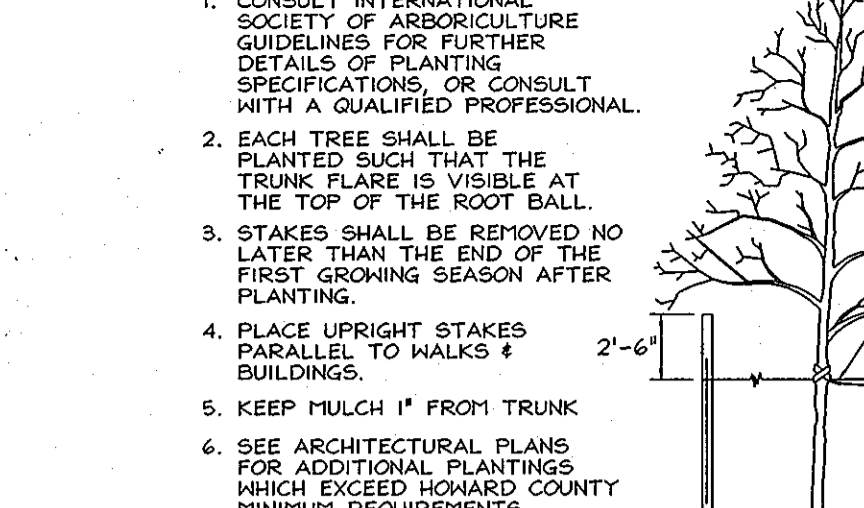
NOTES

- 1. FOREST PROTECTION DEVICE ONLY.
2. BOUNDARIES OF PROTECTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.
3. ROOT DAMAGE SHOULD BE AVOIDED.

TREE PROTECTION FENCE DETAIL

NOT TO SCALE

PERIMETER LANDSCAPE EDGE



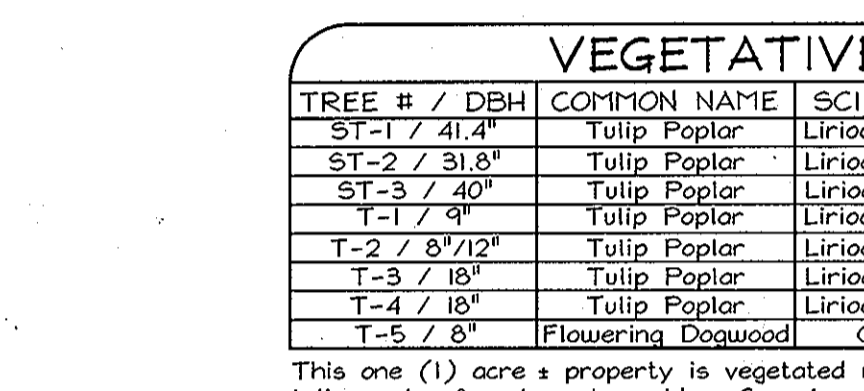
SCHEDULE A

Table with columns for Category, Adjacent to, and Perimeter Properties. Lists items like Perimeter/Frontage Designation and Linear Feet of Roadway.

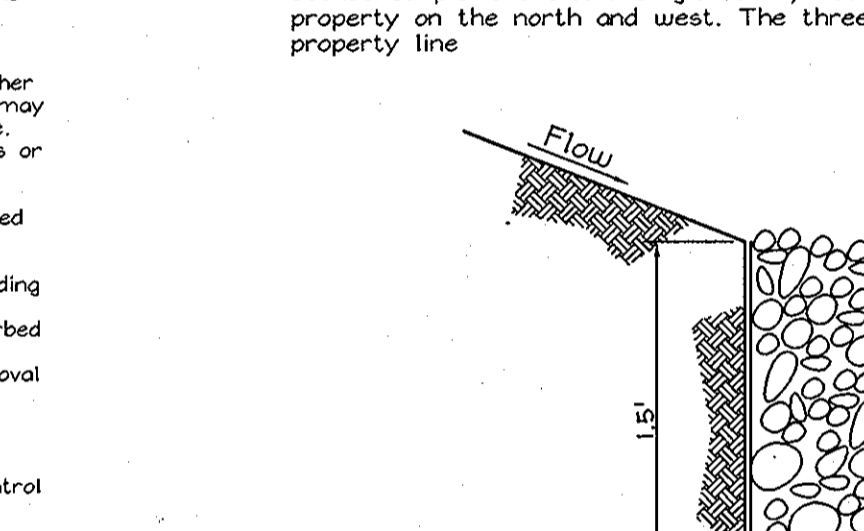
DRYWELL CHART

Table with columns for Drywell #, Size, and Depth. Lists drywells with sizes like 6'x6'x5' and 6'x6'x6'.

TYPICAL LEVEL SPREADER



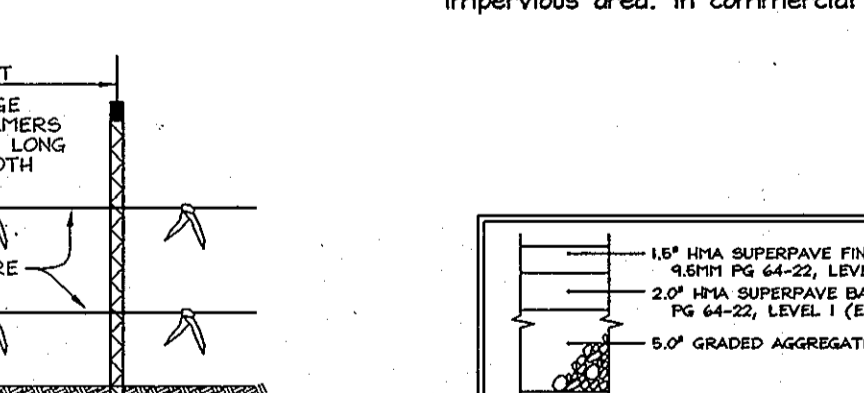
M-5 DRYWELL DETAIL



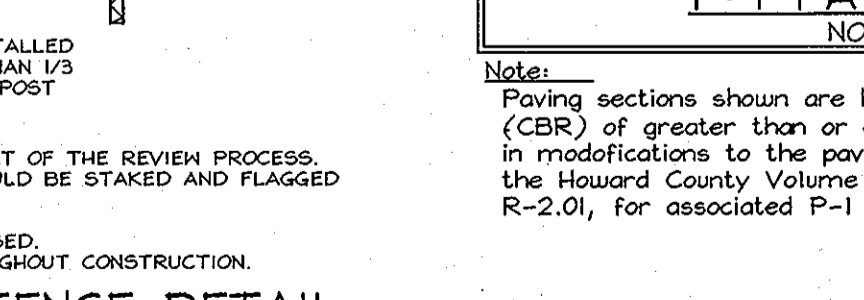
M-5 DRYWELL - RESIDENTIAL OPERATION AND MAINTENANCE

- Dry wells shall be inspected and cleared annually. This includes pipes, gutters, downspouts, and all filters.
-Ponding, standing water or algae growth on the top of a dry well may indicate failure due to sedimentation in the gravel media.

GUTTER DRAIN FILTER (TYP.)



P-1 PAVING SECTION



NOTES

- 1. PAVING SECTIONS SHOWN ARE BASED ON A CALIFORNIA BEARING RATIO (CBR) OF GREATER THAN OR EQUAL TO 7.
2. BOUNDARIES OF PROTECTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.

OWNER/DEVELOPER

Mark E. Armstrong
Patricia M. Rinaldi
9245 Hourglass Place
Columbia, MD 21045
(410) 757-4716

LANDSCAPE NOTES

- 1. At the time of installation, all shrubs and other plantings herewith listed and approved for planting shall be of the proper height requirements in accordance with the Howard County Landscaping Manual.
2. The owner, tenant, and/or their agents shall be responsible for maintenance of the required plantings.

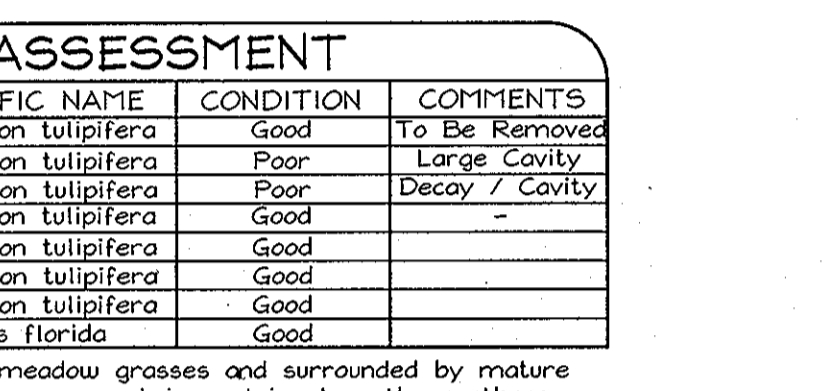
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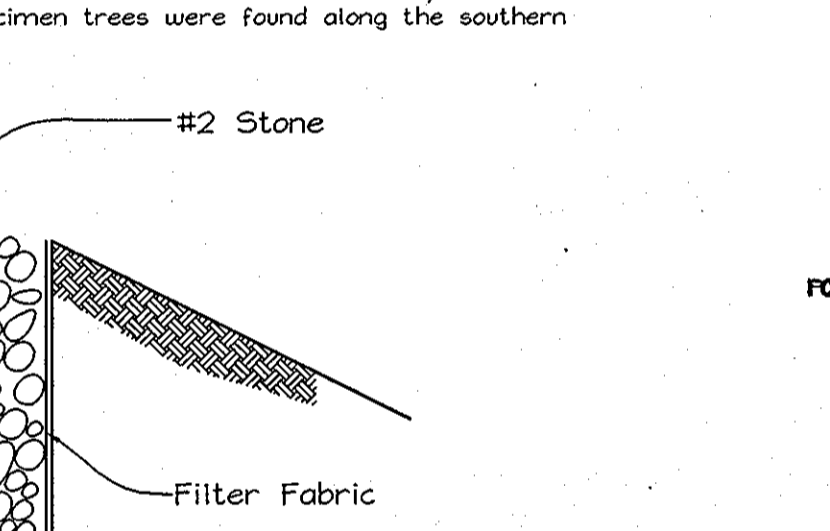
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TYPICAL LEVEL SPREADER



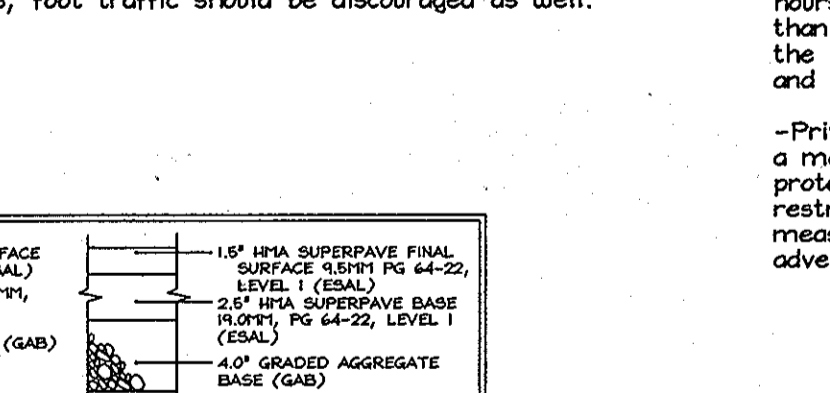
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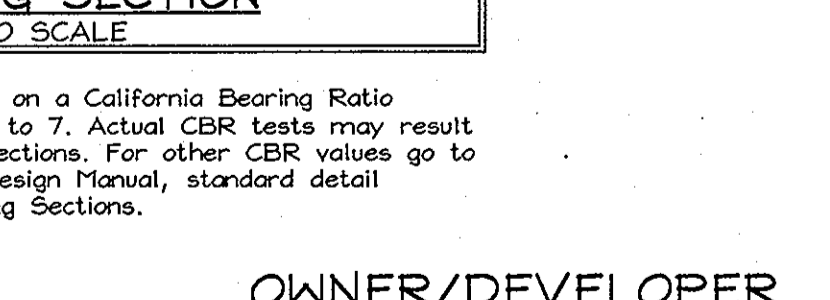
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GUTTER DRAIN FILTER (TYP.)



P-1 PAVING SECTION



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2. BOUNDARIES OF PROTECTION AREA SHOULD BE STAKED AND FLAGGED PRIOR TO INSTALLING DEVICE.

OWNER/DEVELOPER

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Patricia M. Rinaldi
9245 Hourglass Place
Columbia, MD 21045
(410) 757-4716

STORMWATER MANAGEMENT, SEDIMENT CONTROLS, AND LANDSCAPE DETAILS

ARMSTRONG & RINALDI PROPERTY
7438 HARRIET TUBMAN LANE
TAX MAP 35 GRID 23
6TH ELECTION DISTRICT
PARCEL 321
HOWARD COUNTY, MARYLAND

DESIGN BY: CRH2

Drawn By: CRH2

Checked By: ZPF

Scale: None

Date: Sep 27, 2013

W.O. No.: 9800

Sheet No.: 2 OF 3

SDP-13-074

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

John R. Kolbert
10/1/13
DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
Chief Development Engineering Division
Vest S. Savelle
Director

ENGINEER'S CERTIFICATE

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 HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
Signature: Patricia M. Rinaldi
Date: 9/30/13

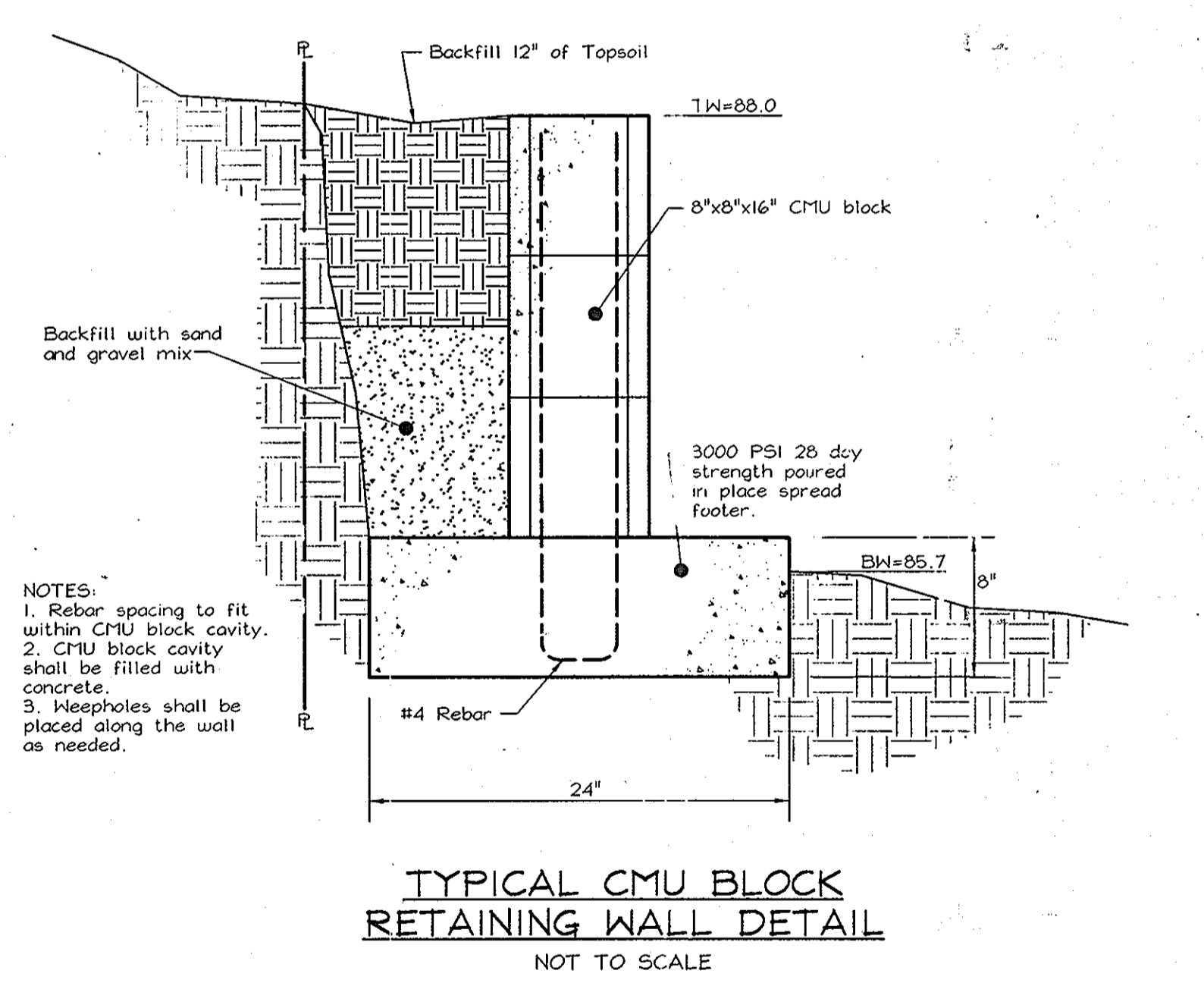
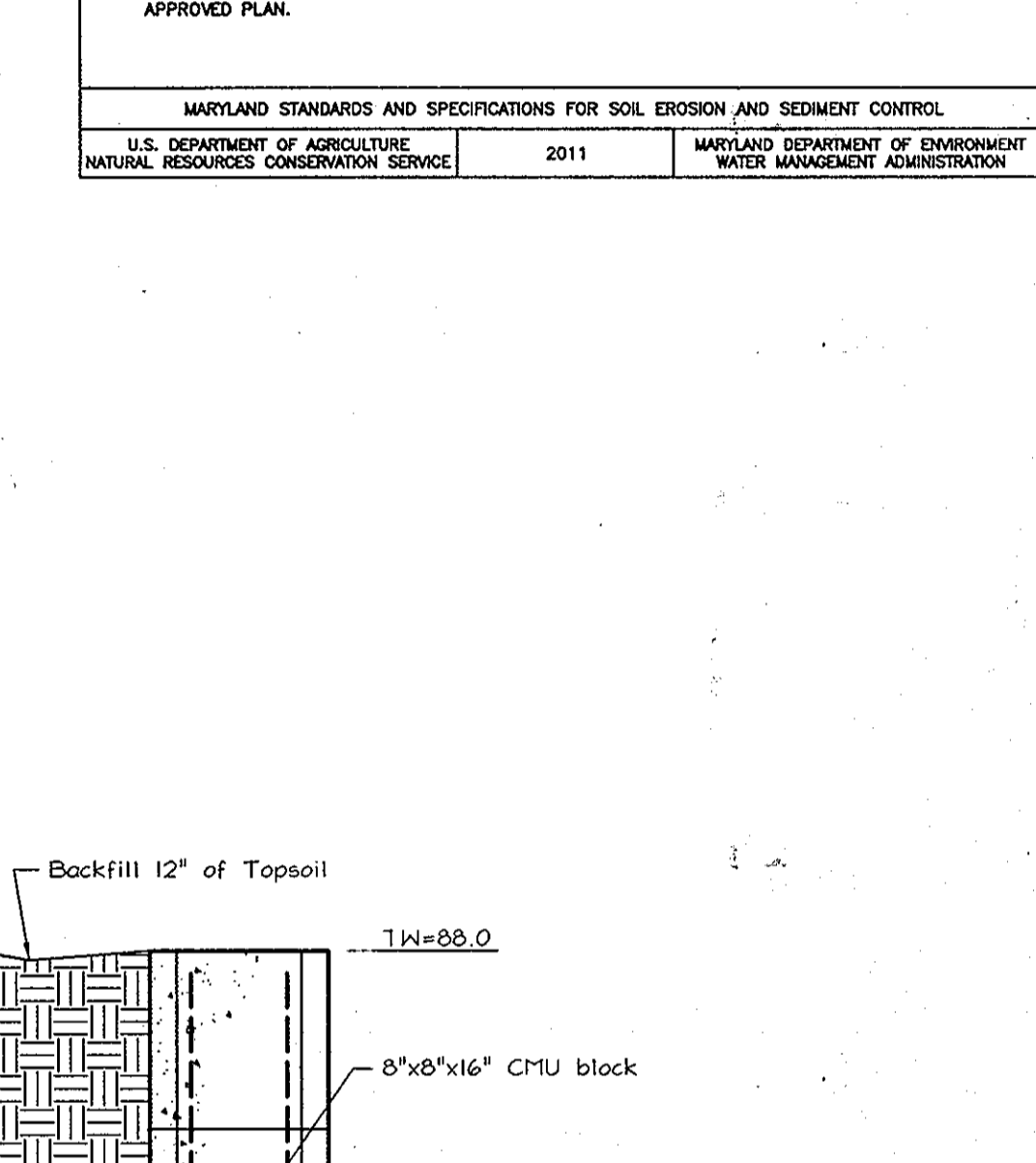
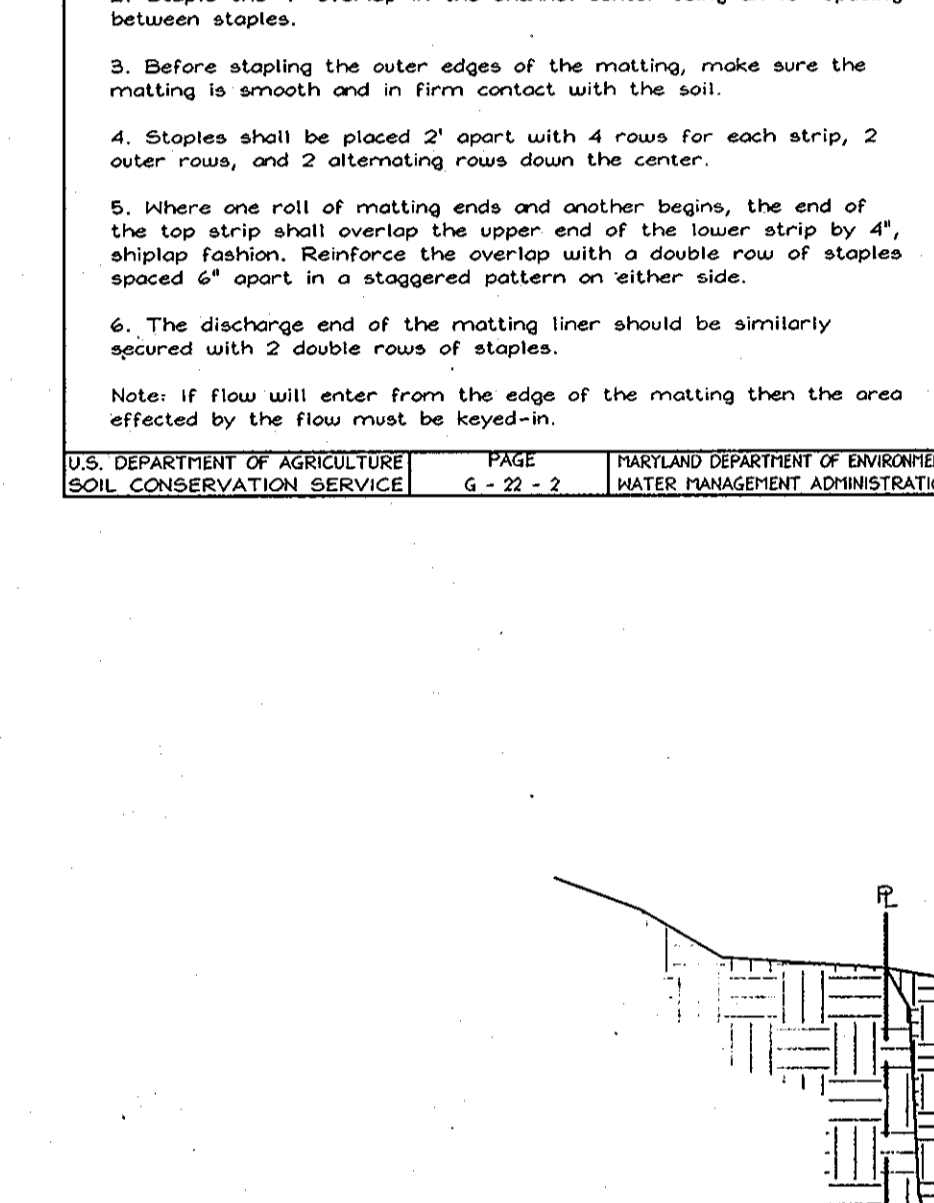
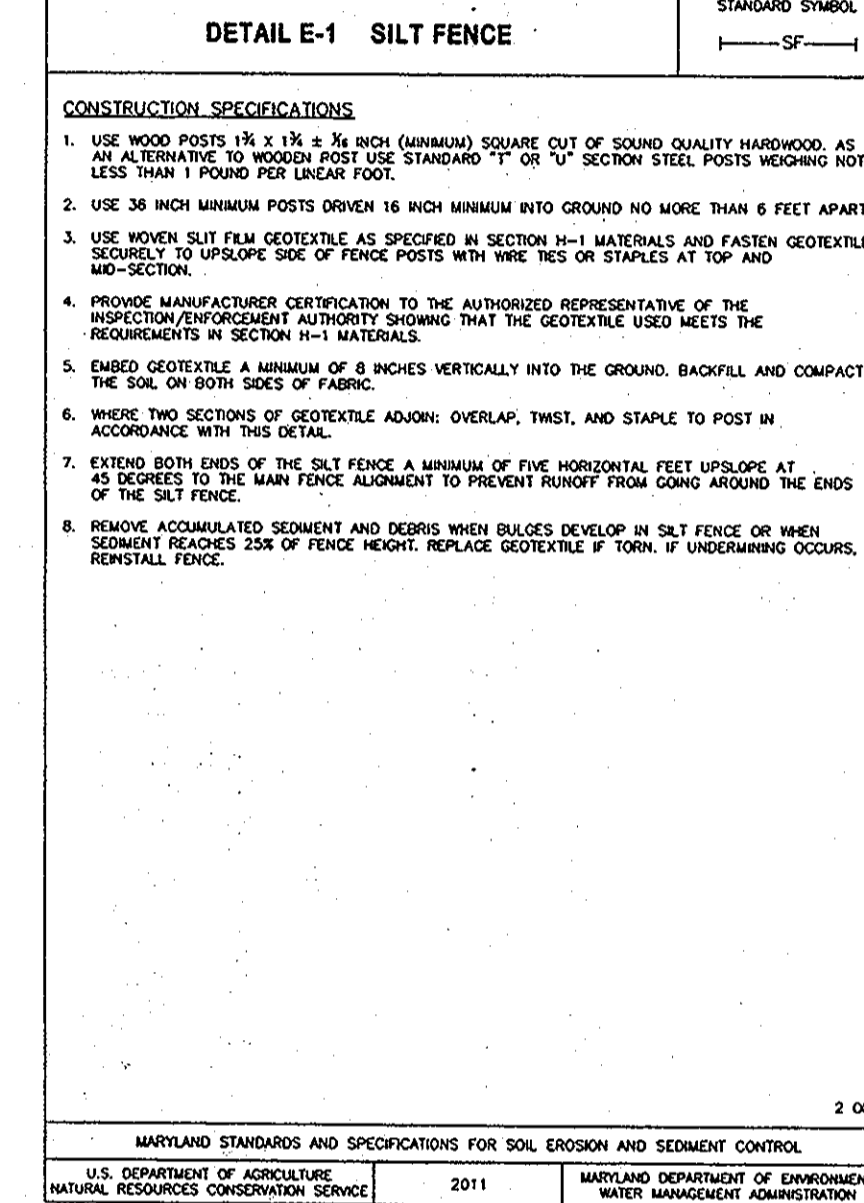
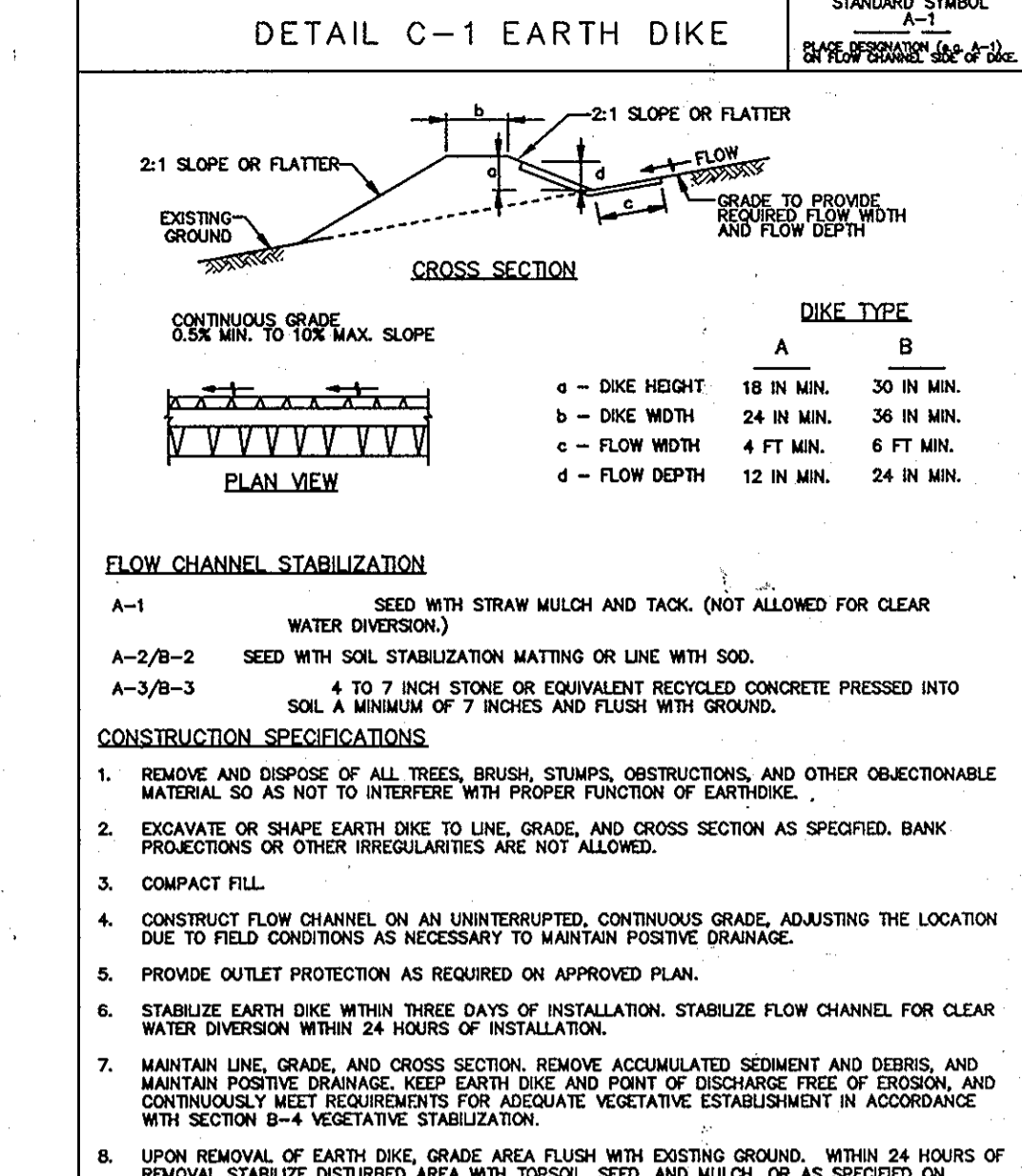
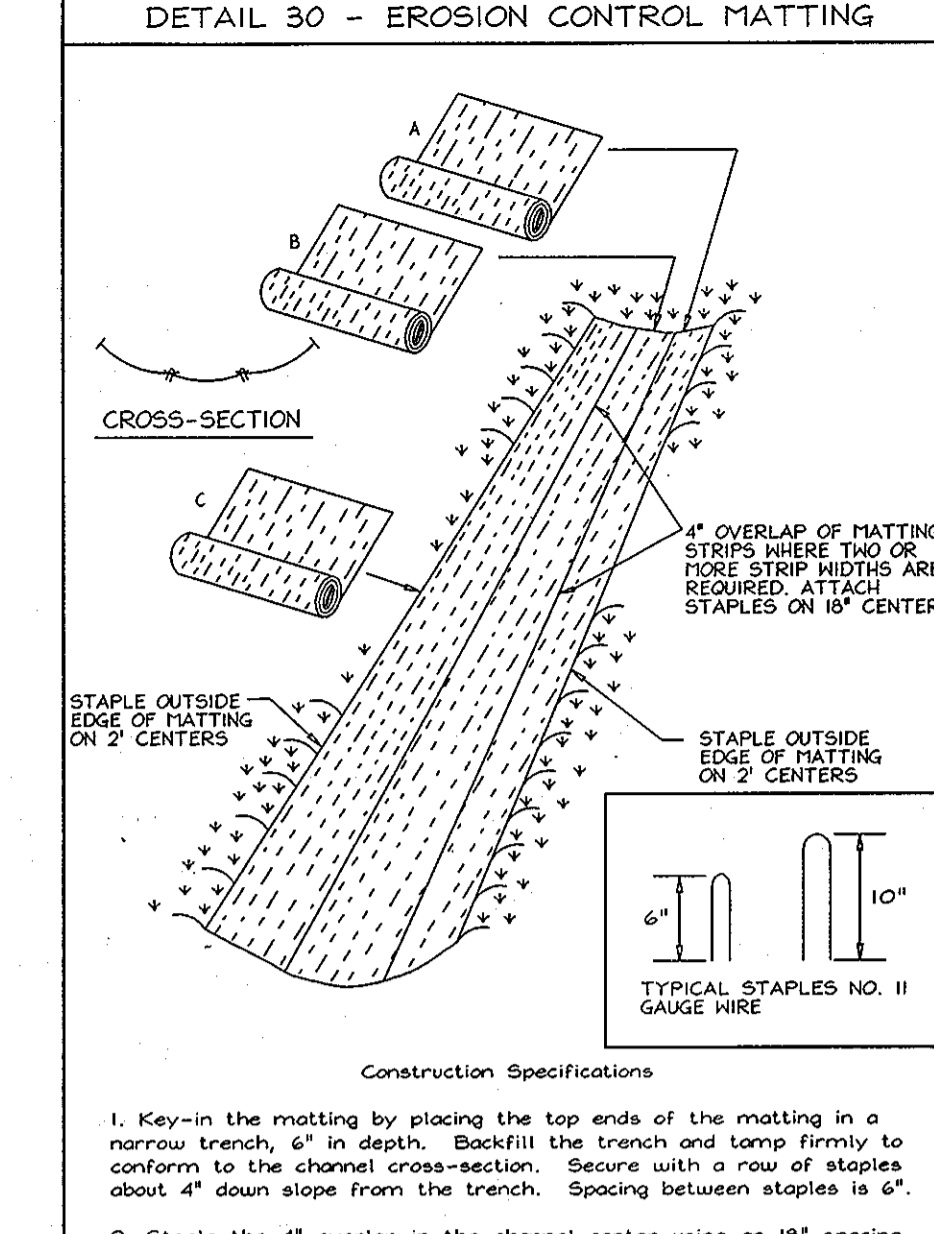
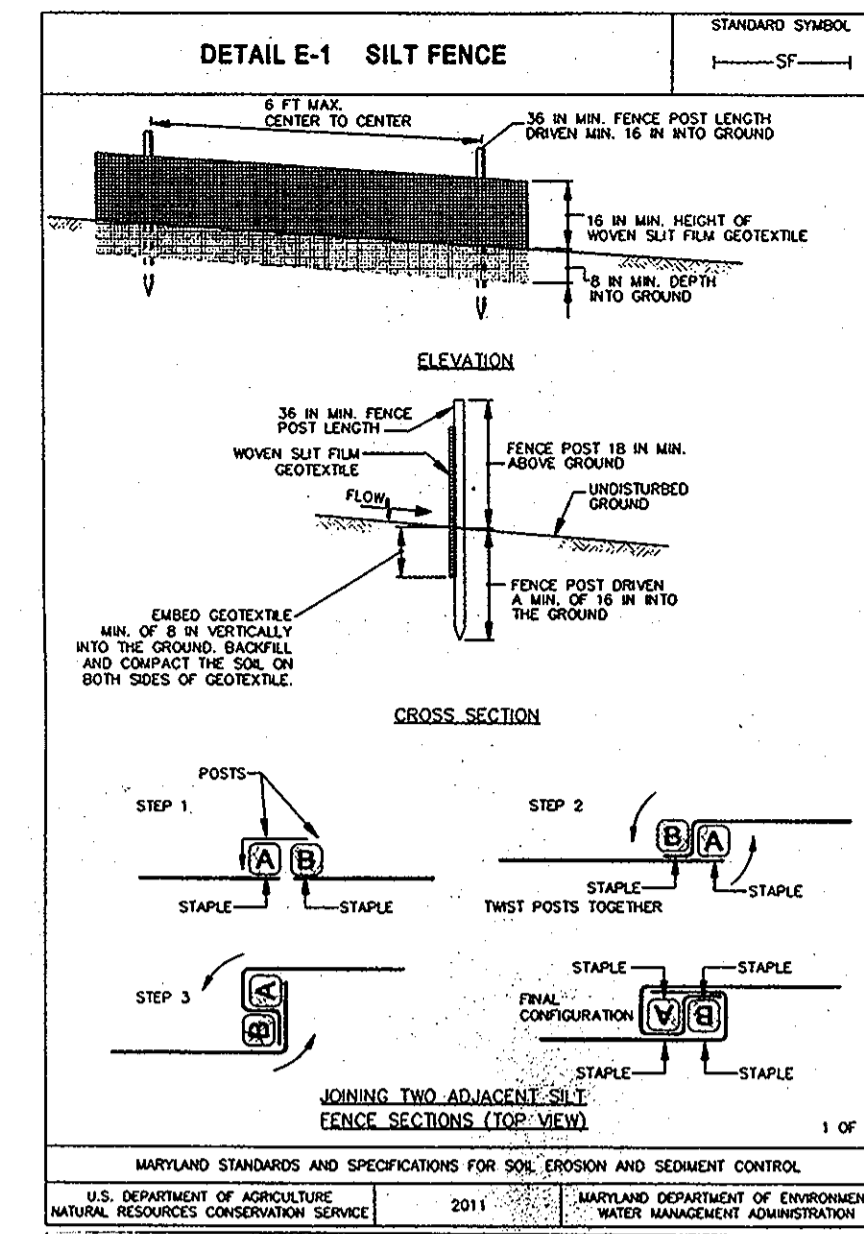
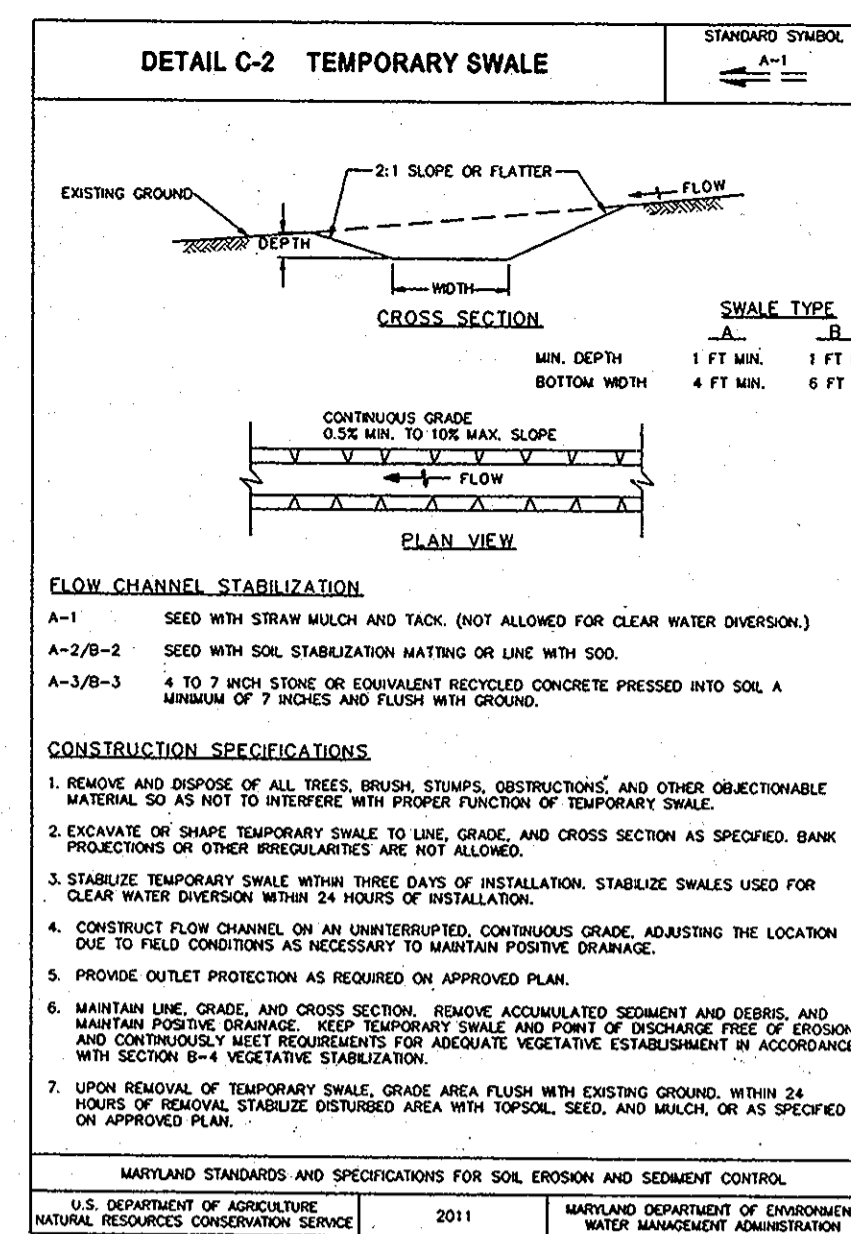
DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN FOR SEDIMENT AND EROSION CONTROL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
Signature: Mark E. Armstrong
Date: 30 Sep 2013

DEVELOPER'S BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE IN ACCORDANCE WITH THE PLAN, SECTION 16.02 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE(1) YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
Signature: Patricia M. Rinaldi
Date: 30 Sep 2013

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22418, Expiration Date: 07/24/2015.



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

Howard SCD 10/1/13 DATE

APPROV. HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Howard SCD 11/7/14 DATE
CHIEF, DEVELOPMENT PERMITTING DIVISION

Howard SCD 1-24-14 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT

Howard SCD 1/24/14 DATE
DIRECTOR

ENGINEERS CERTIFICATE

"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.

Howard SCD 9/30/13 DATE
SIGNATURE OF ENGINEER

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 CONSERVATION DISTRICT.

Howard SCD 30 Sep 2013 DATE
SIGNATURE OF DEVELOPER

OWNER/DEVELOPER

Mark E. Armstrong
Patricia M. Rinaldi
9245 Hourglass Place
Columbia, MD 21045
(410) 757-4716

SEDIMENT CONTROLS AND DETAILS

ARMSTRONG & RINALDI PROPERTY

7938 HARRIET TUBMAN LANE

TAX MAP 35 GRID 23 PARCEL 321
5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

FSH Associates
Engineers Planners Surveyors
6339 Howard Lane, Elkridge, MD 21075
Tel: 410-567-5200 Fax: 410-796-1562
E-mail: info@fshri.com

DESIGN BY: CRH2
DRAWN BY: CRH2
CHECKED BY: ZYF
SCALE: As Noted
DATE: Sep 27, 2013
H.O. No.: 3800
SHEET No.: 3 OF 3

PROFESSIONAL CERTIFICATION
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland, License No. #22418, Expiration Date: 07/29/2015.

SDP-13-074