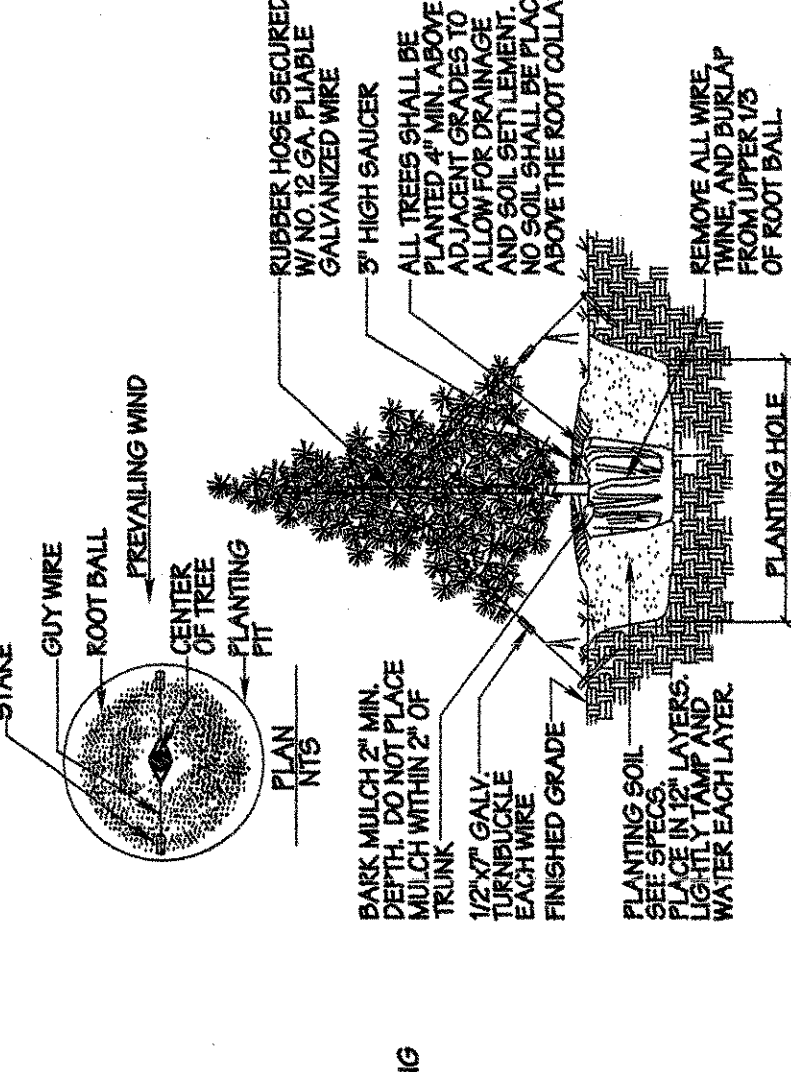
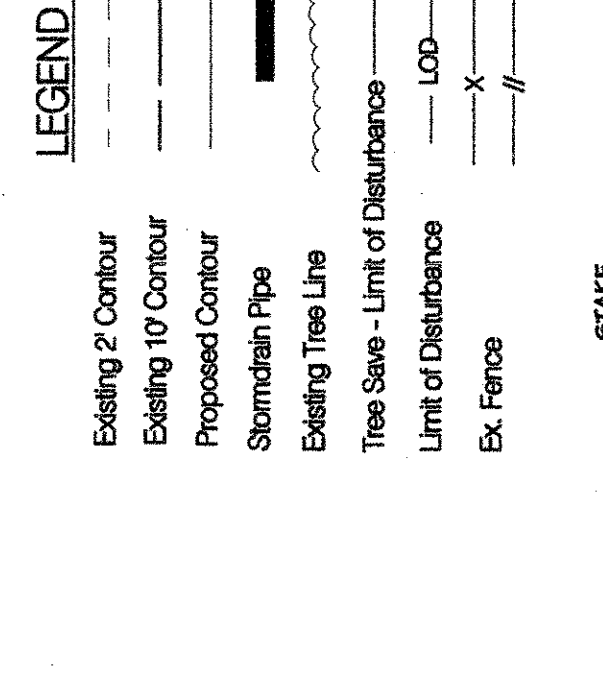
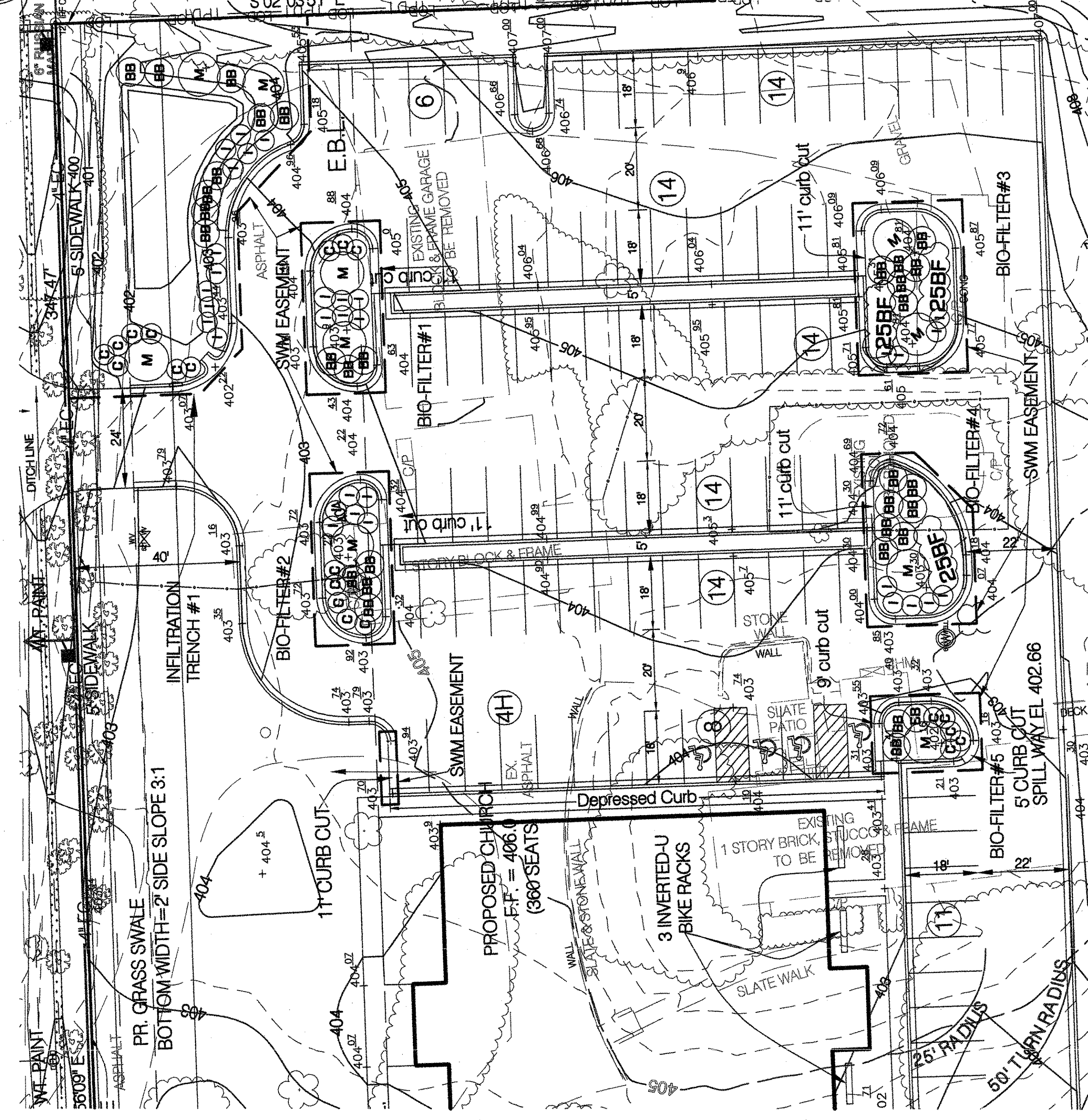


BIO - FILTER AND INFILTRATION TRENCH LANDSCAPE PLAN

SCALE: 1" = 20'



VEGETATION STABILIZATION
Permanent and Temporary Seedings, Sodding and Mulching
Site Preparation
Permanent or temporary stabilization shall be completed within (a) seven calendar days of construction, or (b) within seven (7) calendar days of completion of construction, whichever is later. The stabilization shall be done in accordance with the following: structures, berms, ditches, drainage, sediment basins, protective slopes, and all slopes greater than 3:1 horizontal to 1 vertical (3:1) and (b) burban slopes as to all other disturbed or graded areas on the project site.

I. Seedbed Preparation and Seeding Application
The top layer of soil shall be loosened, limed and fertilized by raking, disking or harrowing or other acceptable means before seeding. The top soil shall be 2 to 3 inches deep and shall be 3:1 to 1.5:1. The seed shall be broadcasted on the prepared soil. The seed shall be applied to the top of the soil and shall be 3:1 to 1.5:1. The seed shall be applied to the top of the soil and shall be 3:1 to 1.5:1.

II. Soil Amendments
Lime and fertilizer according to soil tests. In lieu of soil tests apply the following:
Dormant: 2 tons/acre of 40 ba/1000 sq. ft. (permanent and sodding)
Fertilizer: 15-10-10 or equivalent at 1000 lbs/acre or 23 ba/1000 sq. ft. (permanent and sodding) 10-10-10 or equivalent at 600 lbs/acre or 15 ba/1000 sq. ft. (temporary).

III. Seedling Care
Seedlings shall be watered, weeded, and mulched during the first year of establishment. Watering shall be done at least once per week during the first year of establishment. Weeding shall be done at least once per week during the first year of establishment. Mulching shall be done at least once per week during the first year of establishment.

IV. Sediment Control
Sediment Control shall be installed in accordance with the following:
Sediment Control: 30 ba/1000 sq. ft. or 1.38 ba/1000 sq. ft. and Italian
Sediment Control: 40 ba/1000 sq. ft. or 1.82 ba/1000 sq. ft.

V. Temporary Seeding
Temporary Seeding: Per seeding season
Temporary Seeding: 20 ba/1000 sq. ft. or .87 ba/1000 sq. ft.
Temporary Seeding: 30 ba/1000 sq. ft. or 1.22 ba/1000 sq. ft.

VI. Permanent Seeding
Permanent Seeding: Per seeding season
Permanent Seeding: 40 ba/1000 sq. ft. or 1.82 ba/1000 sq. ft.
Permanent Seeding: 60 ba/1000 sq. ft. or 2.73 ba/1000 sq. ft.

VII. Mating
Mating shall be done in accordance with the following:
Mating: 20 ba/1000 sq. ft. or .87 ba/1000 sq. ft.

VIII. Low Maintenance and High Maintenance Areas
Low Maintenance: 20 ba/1000 sq. ft. or .87 ba/1000 sq. ft.
High Maintenance: 40 ba/1000 sq. ft. or 1.82 ba/1000 sq. ft.

IX. Planting
Planting shall be done in accordance with the following:
Planting: 20 ba/1000 sq. ft. or .87 ba/1000 sq. ft.

X. Tree and Shrub Planting
Tree and shrub planting shall be done in accordance with the following:
Tree and shrub planting: 20 ba/1000 sq. ft. or .87 ba/1000 sq. ft.

XI. Bio-Filter and Infiltration Trench Planting
Bio-filter and infiltration trench planting shall be done in accordance with the following:
Bio-filter and infiltration trench planting: 20 ba/1000 sq. ft. or .87 ba/1000 sq. ft.

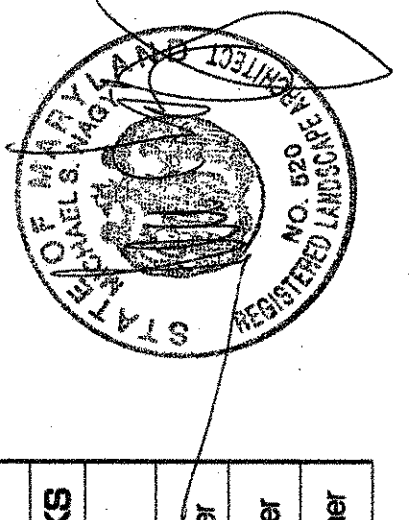
RDA
LAND PLANNERS
AND SURVEYORS
1403 MAIN STREET - UPPER MARLBOROUGH, MD. 20772
(301) 251-3300 (301) 992-8200 (202) 542-9500

REVISIONS

DATE: APRIL 2008
CHECKED BY: CSO
DRAWN BY: MARTIN
DESIGNED BY: RH
SCALE: AS SHOWN
JOB NO. W-686

STORM DRAIN AND STORMWATER MANAGEMENT PLAN
BIO-FILTERS & INFILTRATION TRENCH LANDSCAPE SHEET
(13th) ELECTION DISTRICT
MONTGOMERY COUNTY, MARYLAND

SHEET 6 OF 9



MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES APPROVED FOR:

Stormwater Management

Administrative Requirements

Reviewed: 4-5-2011
Date: 4-5-2011
Reviewed By: [Signature]
Date: 4-5-2011

DATE OF APPROVAL IF THE PROJECT HAS NOT STARTED FROM MCDPS APPROVAL OF THIS PLAN WILL EXPIRE ONE YEAR UNLESS THE PERMIT HAS BEEN EXTENDED.

BIO-FILTER # 1

SYMBOL	QTY.	BOTANICAL / COMMON NAME	SIZE	REMARKS
M	1	Magnolia virginiana / Sweetbay	5'-6" High	B & B
BB	04	Cephalanthus occidentalis / Buttonbush	12'-18" High	Container
G	03	Clethra alnicola / Sweet Pepperbush	12'-18" High	Container
L	06	Ilex verticillata / Winterberry	12'-18" High	Container

BIO-FILTER # 2

SYMBOL	QTY.	BOTANICAL / COMMON NAME	SIZE	REMARKS
M	2	Magnolia virginiana / Sweetbay	5'-6" High	B & B
BB	03	Cephalanthus occidentalis / Buttonbush	12'-18" High	Container
G	05	Clethra alnicola / Sweet Pepperbush	12'-18" High	Container
L	06	Ilex verticillata / Winterberry	12'-18" High	Container

BIO-FILTER # 3

SYMBOL	QTY.	BOTANICAL / COMMON NAME	SIZE	REMARKS
M	2	Magnolia virginiana / Sweetbay	5'-6" High	B & B
BB	06	Cephalanthus occidentalis / Buttonbush	12'-18" High	Container
L	04	Ilex verticillata / Winterberry	12'-18" High	Container
BF	50	Ilex versicolor / Blue Flag	12'-18" High	Container

BIO-FILTER # 4

SYMBOL	QTY.	BOTANICAL / COMMON NAME	SIZE	REMARKS
M	1	Magnolia virginiana / Sweetbay	5'-6" High	B & B
BB	07	Cephalanthus occidentalis / Buttonbush	12'-18" High	Container
BF	50	Ilex versicolor / Blue Flag	12'-18" High	Container
L	05	Ilex verticillata / Winterberry	12'-18" High	Container

BIO-FILTER # 5

SYMBOL	QTY.	BOTANICAL / COMMON NAME	SIZE	REMARKS
M	1	Magnolia virginiana / Sweetbay	5'-6" High	B & B
BB	03	Cephalanthus occidentalis / Buttonbush	12'-18" High	Container
G	05	Clethra alnicola / Sweet Pepperbush	12'-18" High	Container

INFILTRATION TRENCH # 1

SYMBOL	QTY.	BOTANICAL / COMMON NAME	SIZE	REMARKS
M	3	Magnolia virginiana / Sweetbay	5'-6" High	B & B
BB	03	Cephalanthus occidentalis / Buttonbush	12'-18" High	Container
G	04	Clethra alnicola / Sweet Pepperbush	12'-18" High	Container
L	10	Ilex verticillata / Winterberry	12'-18" High	Container