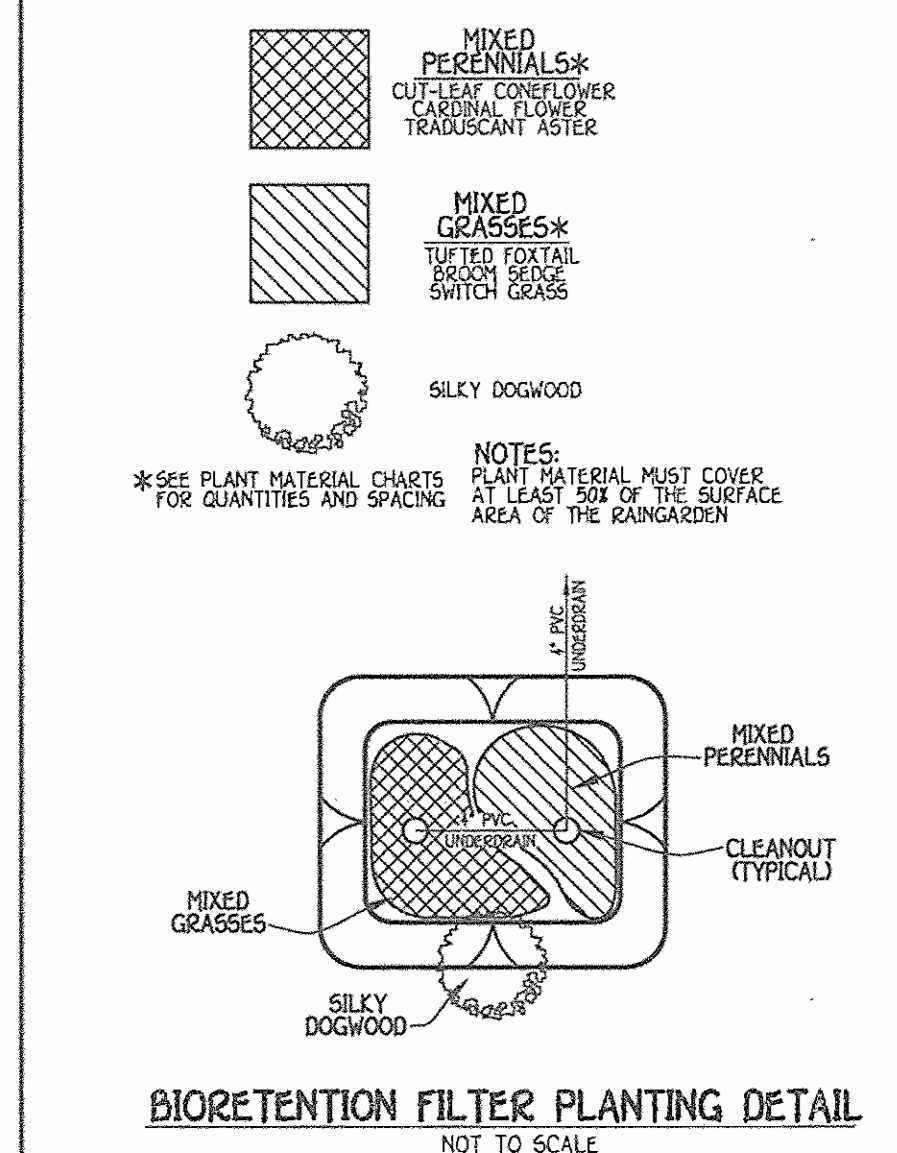
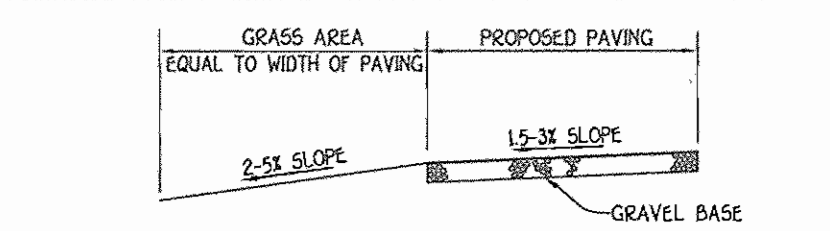


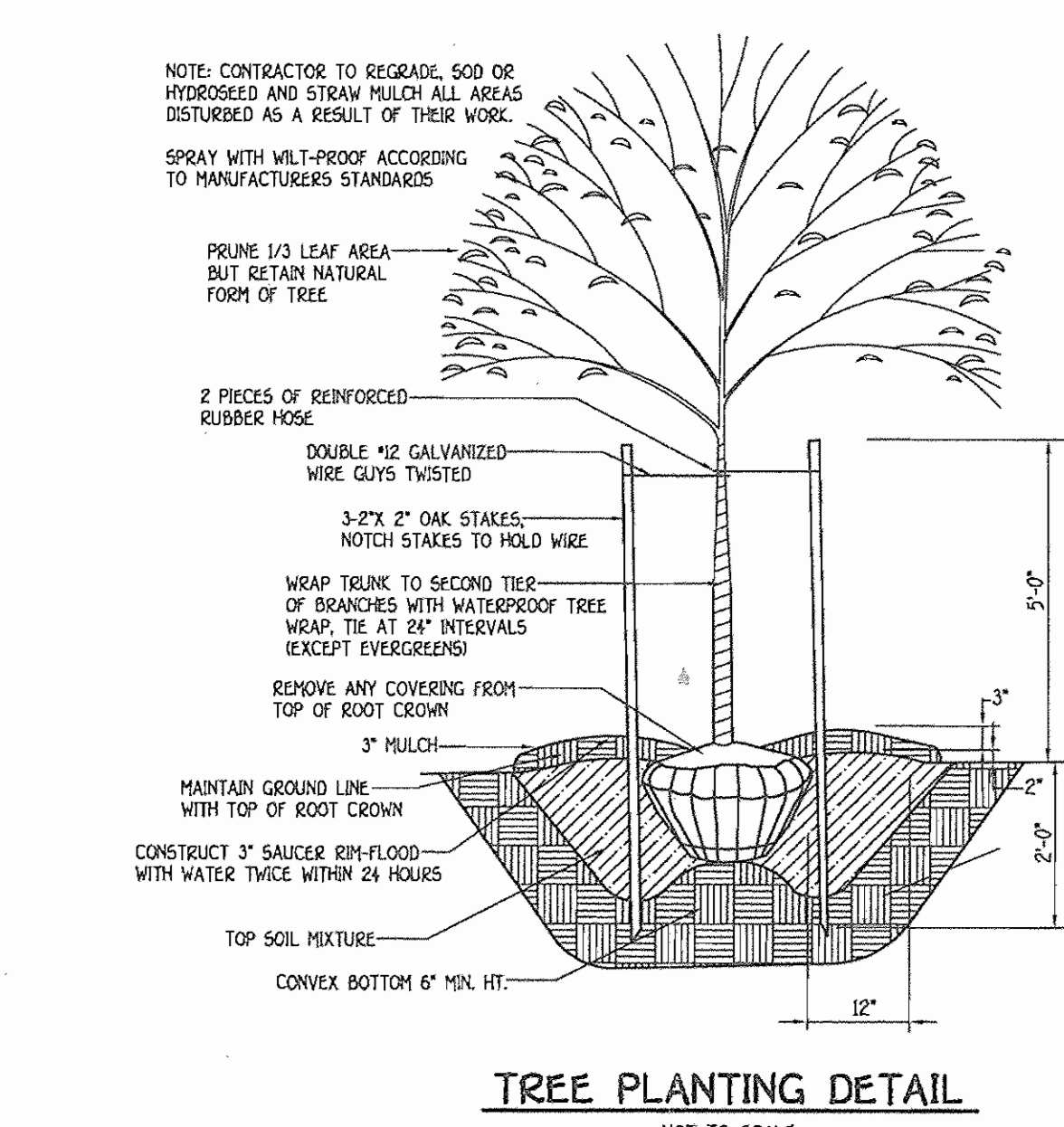
| QUANTITY | NAME | MAXIMUM SPACING (FT.) |
|----------|------------------|---------------------------------|
| 45 | MIXED PERENNIALS | 1 FT. |
| 45 | MIXED GRASSES | 1 FT. |
| 1 | SILKY DOGWOOD | PLANT AWAY FROM INFLOW LOCATION |

| BIORETENTION FILTER DATA | | | | | | | | | | |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| BIORETENTION FILTER | A | B | C | D | E | F | G | H | I | J |
| 1 | 390.50 | 391.01 | 394.04 | 396.53 | 397.01 | 398.51 | 399.01 | 399.51 | 400.01 | 400.51 |



PRIVATE BIORETENTION FILTER OPERATION & MAINTENANCE SCHEDULE

- ANNUAL MAINTENANCE OF PLANT MATERIAL, MULCH LAYER AND SOIL LAYER IS REQUIRED. MAINTENANCE OF MULCH AND SOIL IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH OUT. ANY MULCH REPLACEMENT SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE AND INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL AND PRUNING.
- SCHEDULE OF PLANT INSPECTION WILL BE TWICE A YEAR IN SPRING AND FALL. THIS INSPECTION WILL INCLUDE REMOVAL OF DEAD AND DISEASED VEGETATION CONSIDERED BEYOND TREATMENT TREATMENT OF ALL DISEASED TREES AND SHRUBS AND REPLACEMENT OF ALL DEFICIENT STAKES AND WIRES.
- MULCH SHALL BE INSPECTED EACH SPRING, REMOVE EXCESSIVE MULCH LAYER BEFORE APPLYING NEW LAYER ONCE EVERY 2 TO 3 YEARS.
- SOIL EROSION TO BE ADDRESSED ON AN AS NEEDED BASIS, WITH A MINIMUM OF ONCE PER MONTH AND AFTER HEAVY STORM EVENTS.



| SYMBOL | DESCRIPTION |
|---------|-------------------------------------|
| --- | EXISTING CONTOUR 2' INTERVAL |
| - - - - | PROPOSED CONTOUR 2' INTERVAL |
| +482.2 | SPOT ELEVATION |
| LOD | DIRECTION OF DRAINAGE |
| --- | LIMIT OF DISTURBANCE |
| --- | SUPER SILT FENCE |
| ○ | EXISTING TREES TO BE REMOVED |
| ○ | EXISTING TREES AND SHRUBS TO REMAIN |

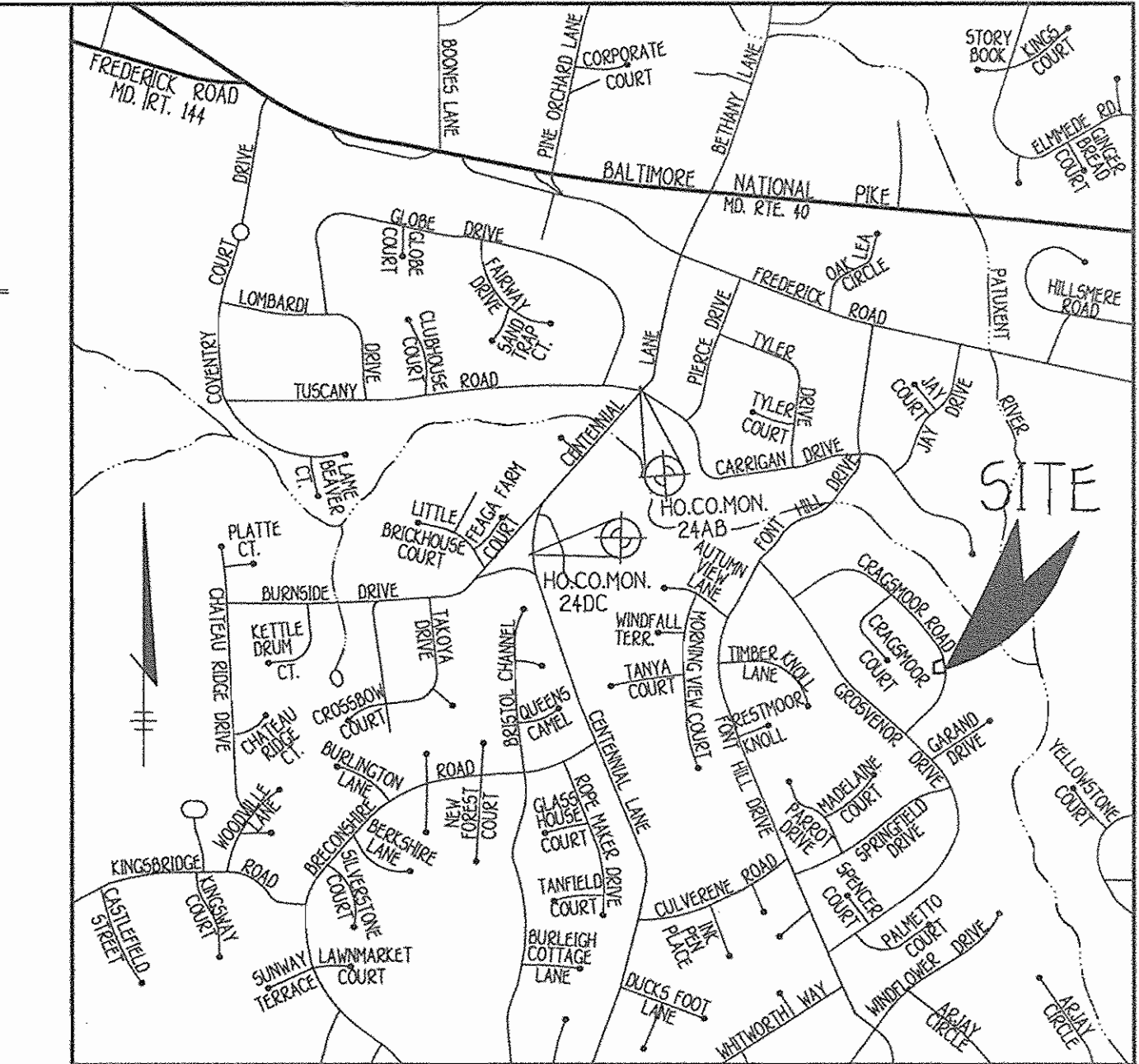
| LANDSCAPING PLANT LIST | | | |
|------------------------|-----|---|------------------------------------|
| QTY. | KEY | NAME | SIZE |
| 10 | ○ | ACEA SACHAHARA GREEN MOUNTAIN SUGAR MAPLE | 2 1/2" x 3" CALIPER FULL CROWN B/B |

| SCHEDULE A PERIMETER LANDSCAPE EDGE | | | | | |
|-------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------|
| PERIMETER CATEGORY | P-1 ADJACENT TO PERIMETER PROPERTIES | P-2 ADJACENT TO PERIMETER PROPERTIES | P-3 ADJACENT TO PERIMETER PROPERTIES | P-4 ADJACENT TO PERIMETER PROPERTIES | TOTAL NO. OF TREES |
| LANDSCAPE TYPE | A | A | A | A | |
| LINEAR FEET OF PERIMETER | 130' | 175' | 150' | 140' | |
| NUMBER OF TREES REQUIRED | 3 | 3 | 0 | 0 | 6 |
| CREDIT FOR EXISTING VEGETATION | 0 | 0 | 0 | 0 | 0 |
| NUMBER OF TREES TO BE PROVIDED | 3 | 3 | 0 | 0 | 6 |

HOWARD COUNTY CONTROL STATIONS

24AB
ELEV. 393.214
N. 585386.919
E. 1351345.55

24C
ELEV. 393.142
N. 584798.258
E. 1350511.12



- GENERAL NOTES**
- SUBJECT PROPERTY ZONED R-20 PER FEB. 2, 2004 COMPREHENSIVE ZONING PLAN.
 - TOTAL AREA OF SITE: 0.5685 ACRES. TOTAL AREA OF DISTURBANCE IS 0.4686 ACRES.
 - TOTAL NUMBER OF LOTS SUBMITTED: 1
 - THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 410.033-3800.
 - THE CONTRACTOR SHALL NOTIFY "M&S UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
 - THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: PLAT NO. 3694, CONTRACT NO. 693 WATER FENDER AND 1765-922.
 - THIS PLAN IS BASED ON A FIELD RUN TOPOGRAPHIC SURVEY PERFORMED ON OR ABOUT SEPTEMBER, 2005 BY FISHER, COLLINS & CARTER, INC.
 - HORIZONTAL AND VERTICAL CONTROL DATA IS BASED ON M&S 45 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS.
 - HOWARD COUNTY MONUMENT 24AB
 - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - THIS PLAN IS FOR HOUSE SITING AND GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION.
 - CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
 - WATER QUALITY VOLUME AND GROUNDWATER RECHARGE REQUIREMENTS FOR THIS SITE WILL BE PROVIDED BY A PRIVATE BIORETENTION FILTER SYSTEM WITH AN UNDERDRAIN AND DRIVEWAY DISCONNECTIONS. THESE SYSTEMS ARE DESIGNED IN ACCORDANCE WITH THE 2000 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, VOLUMES 1 AND 2. CHANNEL PROTECTION VOLUME MANAGEMENT WILL NOT BE REQUIRED BECAUSE THE RAINOFF RATE GENERATED BY THE 1 YEAR POST DEVELOPMENT PEAK DISCHARGE IS LESS THAN THE 2.0 CFS AS MANDATED BY THE FOREMENTIONED MANUAL. THE DRIVEWAY WILL BE DISCONNECTED BY THE USE OF PARALLEL LEVEL AREAS TO PROMOTE VEGETATIVE FILTERING.
 - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.02A OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL FINANCIAL SURETY FOR THE REQUIRED SIX BAU TREES IN THE AMOUNT OF \$100,000 IS PART OF THE DEVELOPER'S AGREEMENT.
 - THE OWNER, TENANT AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING AND PLANT MATERIALS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE COMPLIANCE WITH APPLICABLE REGULATIONS.
 - AS A CONSEQUENCE OF THIS SUBMISSION, ON AUGUST 20, 2007, THIS S.D.P. IS SUBJECT TO THE 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE ZONING REGULATIONS AS AMENDED BY COUNCIL BILL 50-2001.
 - IN ACCORDANCE WITH SECTION 16.02 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 SETBACKS.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - A) WIDTH - 12' (14' IF SERVING MORE THAN ONE RESIDENCE)
 - B) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE WITH AND CHIP COATING 0-1/2" M20
 - C) GEOMETRY MAXIMUM 1% GRADE, MAXIMUM 10% GRADE CHANGE AND 45 FOOT TURNING RADIUS.
 - D) STRUCTURES - (BRIDGES/CULVERTS) CAPABLE OF SUPPORTING 25 CROSS TONS (RE)-LOADING
 - E) DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
 - F) STRUCTURE CLEARANCES - MINIMUM 12 FEET
 - G) MAINTENANCE SUFFICIENT TO INSURE ALL WEATHER USE.
 - THIS PROJECT IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.02D OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BECAUSE IT IS LOCATED ON LAND WHICH IS LESS THAN 40,000 SQUARE FEET.
 - FOR DRIVEWAY APRON DETAIL, REFER TO HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD DETAIL R. 6.01
 - THE BIORETENTION FACILITY IS TO BE PRIVATELY OWNED AND MAINTAINED BY THE OWNERS OF LOT 10.**

| ADDRESS CHART | |
|---------------|----------------------|
| LOT NO. | STREET ADDRESS |
| 10 | 3650 CRAIGSMOOR ROAD |

| INDEX CHART | |
|-------------|--|
| SHEET | DESCRIPTION |
| SHEET 1 | SITE DEVELOPMENT, LANDSCAPE, SEDIMENT/EROSION CONTROL PLAN |
| SHEET 2 | SEDIMENT/EROSION CONTROL DETAILS |

BUILDER/DEVELOPER'S/ CERTIFICATE

I/WE CERTIFY THAT THE REQUIRED LANDSCAPING WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.02 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF NOTICE, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Jim R. Angelozzi
SIGNATURE DATE

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 was prepared in accordance with the requirements of the Howard Soil Conservation District.

Jim R. Angelozzi
Signature of Engineer DATE

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 onsite inspection by the Howard Soil Conservation District.

Jim R. Angelozzi
Signature of Developer DATE

Reviewed for HOWARD SCD and meets Technical Requirements.

Jim R. Angelozzi 9/14/06
Date

This development plan is approved for soil erosion and sediment control by the Howard SOIL CONSERVATION DISTRICT.

Jim R. Angelozzi 9/14/06
Date

BUILDER/DEVELOPER
FUTURE BUILDERS & CONSTRUCTION CO., INC.
10235 SHIRLEY MEADOW COURT
ELlicott CITY, MD 21042

OWNER
FRANK R. ANGELOZZI
3655 CRAIGSMOOR COURT
ELlicott CITY, MD 21042

APPROVED: DEPARTMENT OF PLANNING AND ZONING

David A. Cagle 9/21/06
Director - Department of Planning and Zoning DATE

Charles H. Hagan 9/21/06
Chief, Division of Land Development DATE

William J. ... 9/19/06
Chief, Development Engineering Division DATE

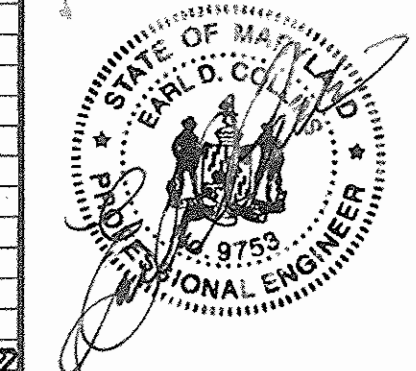
| | | |
|-------------------|--------------|------------|
| SUBDIVISION | SECTION/AREA | LOT NO. |
| FONT HILL VILLAGE | 3/1 | 10 |
| PLAT NO. | BLOCK NO. | ZONE |
| 3694 | F | R-20 |
| TAX MAP | ELEC. DIST. | CENSUS TR. |
| 24 | 2ND | 6023.01 |
| WATER CODE | SEWER CODE | |
| F12 | 5000000 | |

SITE DEVELOPMENT, LANDSCAPE, SEDIMENT AND EROSION CONTROL PLAN

LOT 10 BLOCK F FONT HILL VILLAGE SECTION 3 AREA 1

TAX MAP NO: 24 GRID NO: 8 PARCEL NO: 1125
2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: JUNE, 2006
SHEET 1 OF 2

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELlicott CITY, MARYLAND 21042
410.461.2055



1. Rev. grad. lot 10 to show as-built conditions for the purpose of grading certification. 6/26/07

| NO. | REVISION | DATE |
|-----|----------|------|
| | | |

SDP-06-125

