

**LEGEND**

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
- - - -	PROPOSED CONTOUR 2' INTERVAL
+	SPOT ELEVATION
-S/TP-S/TP	SILT FENCE/TREE PROTECTION
TFP	TREE PROTECTION FENCE
→	DIRECTION OF DRAINAGE
LOD	LIMIT OF DISTURBANCE
~~~~~	EXISTING TREELINE
~~~~~	PROPOSED TREELINE

**VICINITY MAP**  
SCALE: 1" = 2000'  
ADC MAP NO. 5953 GRID NO. E-10

- GENERAL NOTES**
- SUBJECT PROPERTY ZONED R-SC PER THE 2/2/04 COMPREHENSIVE ZONING PLAN AND THE "COMP LITE" ZONING AMENDMENT EFFECTIVE 7-28-06.
  - TOTAL AREA OF SITE: 0.940 ACRES.
  - TOTAL NUMBER OF LOTS SUBMITTED: 4 SFD
  - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION 315-1880 AT LEAST 5 WORKING DAYS PRIOR TO THE START OF WORK.
  - REFERENCE PREVIOUS HOWARD COUNTY FILES: F-07-154, 142-W, CONTRACT NO. 24-4527-0.
  - THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT NOVEMBER, 2001 BY GARY HUGHES-WALKER, INC.
  - HORIZONTAL AND VERTICAL CONTROL DATA IS BASED ON AND HAS MARILAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS.
  - HOWARD COUNTY MONUMENT #704 N555405.459 E 1343362.707 HOWARD COUNTY MONUMENT #702 N 532938.964 E 1351224.095
  - ANY CHANGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
  - THIS PLAN IS FOR HOUSE SITING AND GRADING ONLY AND CANNOT BE USED FOR PUBLIC RIGHTS-OF-WAY, IMPROVEMENTS OR CONSTRUCTION.
  - CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
  - THE METHODS OF STORMWATER MANAGEMENT FOR THIS PROJECT WERE DESIGNED AND APPROVED UNDER F-07-154. WATER QUALITY VOLUME AND GROUNDWATER RECHARGE VOLUME REQUIREMENTS WILL BE MET BY APPLYING THE CREDIT CRITERIA CONTAINED IN CHAPTER 5 OF THE STORMWATER MANAGEMENT DESIGN MANUAL (MANUAL), SPECIFICALLY SECTION 5.1 "NATURAL AREA CONSERVATION CREDIT", SECTION 5.3 "DISCONNECTION OF NON ROOFTOP RUNOFF CREDIT" AND 5.4 "SHELF-TOP TO BUFFER CREDIT". ALSO, THE CRITERIA CONTAINED IN THE JULY 8, 2003 BULLETIN ENTITLED "RESIDENTIAL RAINGARDENS" WAS USED FOR THE DESIGN OF THE RAINGARDENS PER F-07-154.
  - LANDSCAPING IN ACCORDANCE WITH SECTION 16.124 OF THE LANDSCAPE MANUAL IS BE PROVIDED PER F-07-154. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING IN THE AMOUNT OF \$180,000 FOR SIX SHADE TREES HAS BEEN POSTED AS PART OF THE DEVELOPER'S AGREEMENT PER F-07-154.
  - THIS PROJECT COMPLETES WITH THE REQUIREMENTS OF SECTION 16.120 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION WITH A TOTAL FOREST CONSERVATION OBLIGATION OF 0.337 ACRES (14,679 SQ.FT.) PROVIDED BY 0.217 ACRES (9,452 SQ. FT.) OF ON-SITE RETENTION AND 0.12 ACRES (5,227 SQ. FT.) OF ON-SITE RESTORATION PLANTING WAS SATISFIED BY FEE-IN-LIEU PAYMENT. SURETY IN THE AMOUNT OF \$4,500.00 FOR RETENTION + \$620 PER SQ. FT. AND \$5,920.00 OF FEE-IN LIEU PAYMENT + \$875 PER SQ. FT.) WAS PROVIDED WITH THE OPN'S DEVELOPER'S AGREEMENT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT. HOWEVER FOREST MANAGEMENT PRACTICES WERE PROVIDED WITH OPN'S DEVELOPER'S AGREEMENT AND EASEMENT LANDSCAPE F-07-154.
  - FOR DRIVEWAY ENTRANCE DETAIL REFER TO HO. CO. CODES MANUAL VOL. 1 DETAIL R.6.06.
  - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DRIVEWAYS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS:
    - WIDTH - 12' (16' IF SERVING MORE THAN ONE RESIDENCE)
    - SURFACE - 6" OF COMPACTED CRUSHER RUN BASE W/AT AND CHIP COATING (1-1/2" MIN.) TYPING GRADE.
    - STRUCTURES - (BRIDGES/CULVERTS) CAPABLE OF SUPPORTING 25 GROSS TONS (H2S-LOADING)
    - DRAINAGE ELEMENTS CAPABLE OF SAFETY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
    - STRUCTURE CLEARANCES - MINIMUM 12 FEET
    - MAINTENANCE SUFFICIENT TO INSURE ALL WEATHER USE.
  - IN ACCORDANCE WITH SECTION 128 OF THE HO. CO. ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH, MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SIDEWALK, PORCHES OR DECKS, OPEN OR INCLUDED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACKS.
  - TRASH WILL BE COLLECTED AT WHISKEY BOTTOM ROAD WITHIN 5 FEET OF THE ROADWAY.
  - SUBJECT PROPERTY IS LOCATED WITHIN THE METROPOLITAN DISTRICT. PUBLIC WATER AND SEWER SHALL BE UTILIZED IN THIS SUBDIVISION.
  - ALL WATER HOSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING. SHALL BE UTILIZED IN THIS SUBDIVISION.
  - SEWER HOUSE CONNECTION ELEVATIONS SHOWN ARE LOCATED AT THE PROPERTY LINE.
  - NO CHIMNEYS OR HISTORIC FEATURES EXIST ON THIS PROPERTY BASED ON A SITE VISIT AND VISUAL EXAMINATION OF THE HOWARD COUNTY CERTIFICATE OF TITLE MAP.
  - NO GRADING, OR REMOVAL OF VEGETATION COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE REQUIRED WETLANDS, STREAMS OR THEIR BUFFERS, FOREST CONSERVATION EASEMENT AREAS AND 100 YEAR FLOODPLAIN.
  - LOTS 1-4 DO NOT HAVE ANY WETLANDS, STREAM, ASSOCIATED BUFFERS OR STEEP SLOPES.
  - PER SECTION 16.134(1) OF THE HOWARD COUNTY CODE, A FEE IN LIEU PAYMENT FOR ROAD IMPROVEMENTS HAS BEEN PAID IN THE AMOUNT OF \$34,500.00.

**NOTES:**  
\* Hydric soils and/or contains hydric inclusions  
\*\* May contain hydric inclusions  
† Generally only with in 100 yr. floodplain areas

**SITE ANALYSIS DATA CHART**

- A. TOTAL PROJECT AREA: 0.940 ACRES OR 40,990 SQUARE FEET.
- B. AREA OF SUBMISSION: 0.940 ACRES OR 40,990 SQUARE FEET.
- C. LIMITS OF DISTURBANCE: 0.940 ACRES OR 40,990 SQUARE FEET.
- D. PRESENT ZONING DESIGNATION: R-SC.
- E. PROPOSED USES FOR SITE: RESIDENTIAL DWELLINGS
- F. APPLICABLE DPZ FILE REFERENCES: F-07-154, 142-W AND CONTRACT NO. 24-4527-0.
- G. TOTAL NO. OF UNITS PROPOSED: 4
- H. TOTAL NO. OF UNITS PROPOSED: 4
- I. OPEN SPACE REQUIRED: 0.42 AC.
- J. OPEN SPACE PROVIDED: 0.683 AC.

**SOILS LEGEND**

SOIL	NAME	CLASS
Ha	Haboro-Cadorus, silt loam; 0 to 3 percent slopes	D
SaB	Sassafras loam, 2 to 5 percent slopes	B
RuC	Russell and Beltsville soils, 5 to 10 percent slopes	C
Ucb	Urban and Chillum Beltsville complex, 0 to 5 percent slopes	C
WoB	Woodstown sandy loam, 2 to 5 percent slopes	C

**ADDRESS CHART**

LOT NUMBER	STREET ADDRESS
1	9796 WHISKEY BOTTOM ROAD
2	9792 WHISKEY BOTTOM ROAD
3	9788 WHISKEY BOTTOM ROAD
4	9784 WHISKEY BOTTOM ROAD

**INDEX CHART**

SHEET	DESCRIPTION
SHEET 1	SITE DEVELOPMENT PLAN, GENERAL NOTES
SHEET 2	STORM DRAIN PROFILE, STORMWATER MANAGEMENT DETAILS, SEDIMENT & EROSION CONTROL PLAN
SHEET 3	SEDIMENT/EROSION CONTROL NOTES & DETAILS

**REVISIONS**

NO.	REVISION	DATE
7	Rev. ord Lot 2 to show as built conditions	11-9-10
6	Rev. and Lot 1 to show as built conditions	11-9-10
5	Rev. and Lot 3 to show as built conditions	10/9/10
4	Rev. and Lot 3, has built FF elevation	8-24-10
3	Rev. and Lot 3, has built FF elevation	8/23/10
2	Rev. and Lot 1 to Taylor's Treasure and Adrienne's	8/23/10
1	Rev. plan to add Shawn Sel. has type, rev. Adrienne's model & rev. Gen. Boxes to accommodate	8-9-10

**ENGINEER'S CERTIFICATE**  
I certify that this plan for erosion and sediment 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 of Engineer: *Earl D. Collins* DATE: 3-22-10  
EARL D. COLLINS

**BUILDER/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 any 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 of Developer: *Bob Corbett* DATE: 3-24-10  
BOB CORBETT

**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. 9753, EXPIRATION DATE: 2/28/10.

Signature: *Earl D. Collins* DATE: 3-22-10  
EARL D. COLLINS

**OWNER/BUILDER/DEVELOPER**  
WILLIAMSBURG BUILDERS  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
410-997-8800

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development: *Kent S. Dunbar* DATE: 4-14-10  
Chief, Department Engineering Division: *Thomas S. Smith* DATE: 4/13/10

PROJECT	SECTION	LOTS NO.
BLOUGH PROPERTY	N/A	1 THRU 4

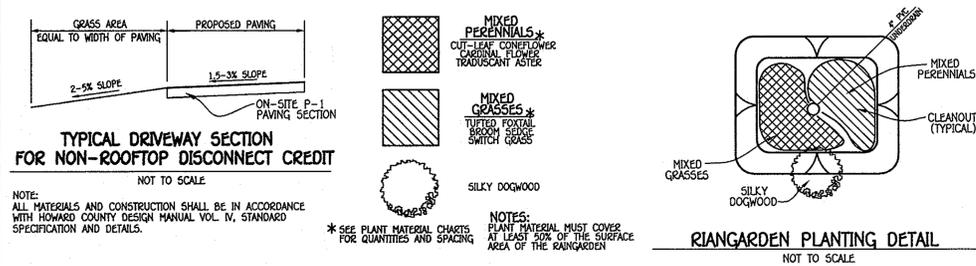
PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
20376	15	R-SC	47	SIXTH	000000

WATER CODE: C-02  
SEWER CODE: 7390000

**TITLE SHEET, SITE DEVELOPMENT & LANDSCAPE PLAN**

**SINGLE FAMILY DETACHED BLOUGH PROPERTY LOTS 1 THRU 4 PLAT NO. 20376**

TAX MAP NO.: 47 GRID NO.: 15 PARCEL NO.: 477  
SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
SCALE: 1" = 30' DATE: DECEMBER, 2009  
SHEET 1 OF 3 **SOP-10-053**

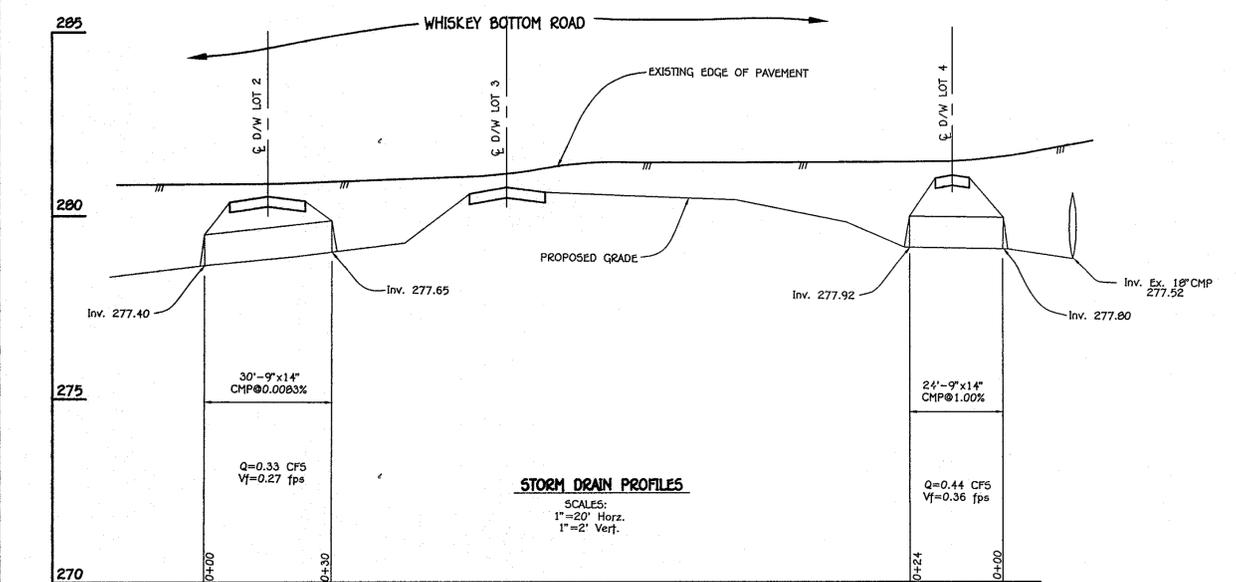
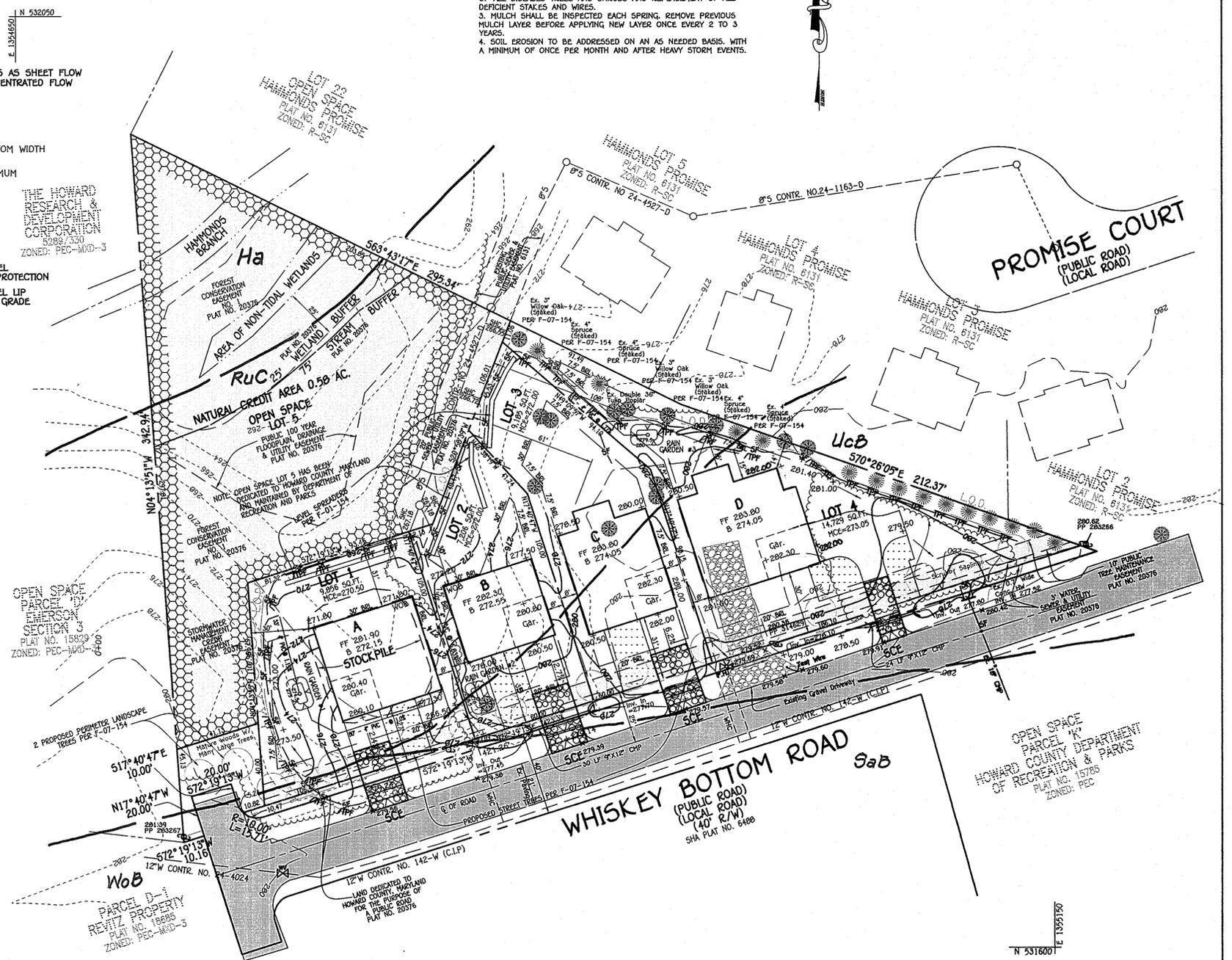
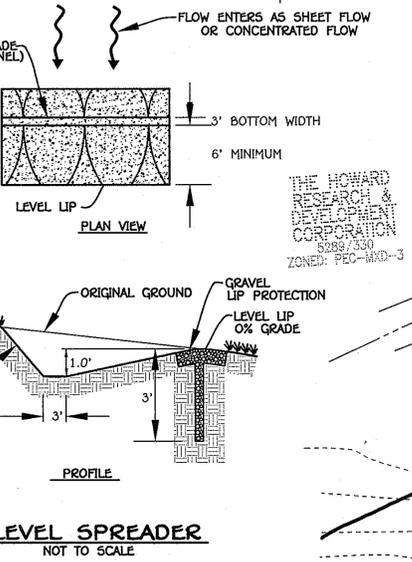
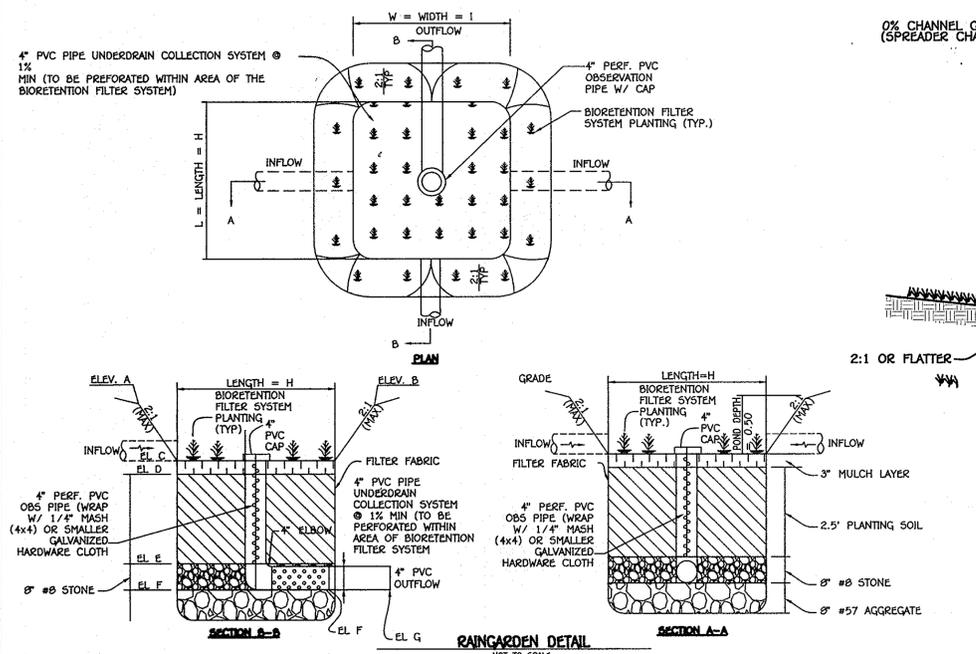


ROW NUMBER	A	B	C	D	E	F	G	H	I
1	275.00	275.00	274.50	274.25	271.75	271.00	270.70	10'	5'
2	278.50	278.50	278.00	277.75	275.25	274.50	270.50	10'	5'
3	280.00	280.00	279.50	279.25	276.75	276.00	275.00	10'	5'

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

**PRIVATE RAIN GARDEN 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 CONSIDER BEYOND TREATMENT. TREATMENT OF ALL DISEASED TREES AND SHRUBS AND REPLACEMENT OF ALL DEFICIENT STAKES AND WIRES.
- MULCH SHALL BE INSPECTED EACH SPRING. REMOVE PREVIOUS 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.



**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 10775 BALDWIN ROAD, #100  
 ELLSWORTH CITY, MARYLAND 21044  
 (410) 451-2225

NO.	REVISION	DATE
1	Rev. Gen. Box, Lot 244 to accept new tree models	4-20-10



**ENGINEER'S CERTIFICATE**  
 "I certify that this plan for erosion and sediment 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 of Engineer: *Earl D. Collins* Date: 3-22-10  
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 Signature of Developer: *Bob Corbett* Date: 3-24-10

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.  
 Signature: *John R. Robertson* Date: 3/20/10  
**OWNER/BUILDER/DEVELOPER**  
 WILLIAMSBURG BUILDERS  
 5485 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 410-997-8800

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING  
 Chief, Division of Land Development: *Vest Searles* Date: 4-14-10  
 Chief, Development Engineering Division: *John P. ...* Date: 4/13/10  
 Director - Department of Planning and Zoning: *Thomas S. ...* Date: 4/14/10  
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**STORM DRAIN PROFILE, SEDIMENT & EROSION CONTROL PLAN AND STORMWATER MANAGEMENT DETAILS**  
**SINGLE FAMILY DETACHED BLOUGH PROPERTY**  
 LOTS 1 THRU 4  
 PLAT NO. 20376  
 TAX MAP NO.: 47 GRID NO.: 15 PARCEL NO.: 477  
 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 30' DATE: DECEMBER, 2009  
 SHEET 2 OF 3 **SDP-10-053**

