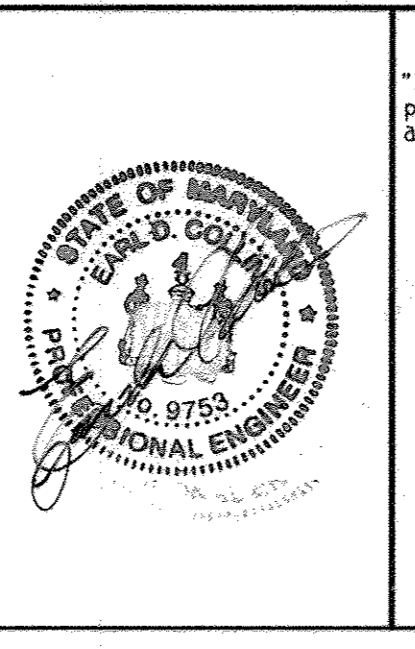


**FISHER, COLLINS & CARTER, INC.**  
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS  
 CENTRAL SQUARE OFFICE PARK - 16072 BALDWIN NATIONAL PIKE  
 ELKTON CITY, MARYLAND 21842  
 (410) 461-2899

NO.	REVISION	DATE
1	Redline Revision No. 1	
2	Rev. grad Lot 2 to show as built conditions	11-9-10
3	Rev. grad Lot 1 to show as built conditions	11-9-10
4	Rev. grad Lot 3 per D-1 BUILD FIELD CONDITIONS	10/9/10
5	Rev. hse. 4rd. Lot 3, as built FF elevation	8-24-10
6	Rev. hse. 4rd. Lot 3, B BOX TO KERRY'S REWARD	6/23/10
7	Rev. hse. 4rd. Lot 1 TO TAYLOR'S TREASURE & ADRIENNE'S HONNEUR	6/23/10
8	Rev. plan to add Shawn's Selection hse. type, rev. Adrienne's model & rev. Gen. Boxes to accomodate	5-3-10



**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* 3-22-10 Date

**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* 3-24-10 Date

**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. 28559, EXPIRATION DATE: 2/29/10.

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

**OWNER/BUILDER/DEVELOPER**

WILLIAMSBURG BUILDERS  
 5495 HARPERS FARM ROAD  
 COLUMBIA, MARYLAND 21044  
 410-997-8800

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

*Kurt Sheehan* 4-14-10  
 Chief, Division of Land Development  
 Date

*Thomas J. Smith* 4/14/10  
 Chief, Development Engineering Division  
 Date

Director - Department of Planning and Zoning

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

PLAT: 20376 BLOCK NO.: 15 ZONE: R-5C TAX/ZONE: 47 ELEC. DIST.: SIXTH CENSUS TR.: 000000

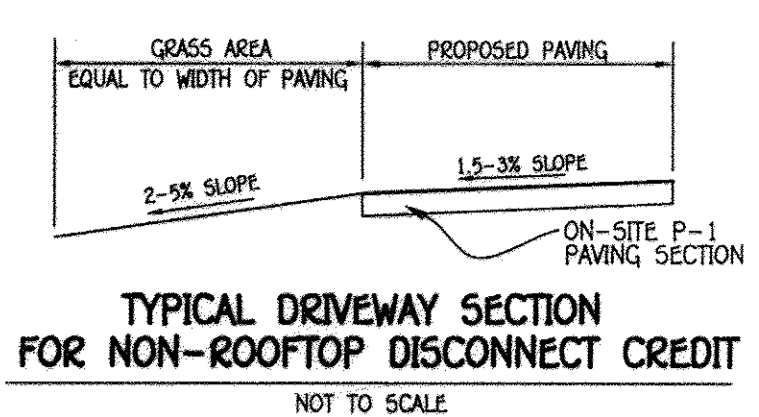
WATER CODE: C-02 SEWER CODE: 7390000

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

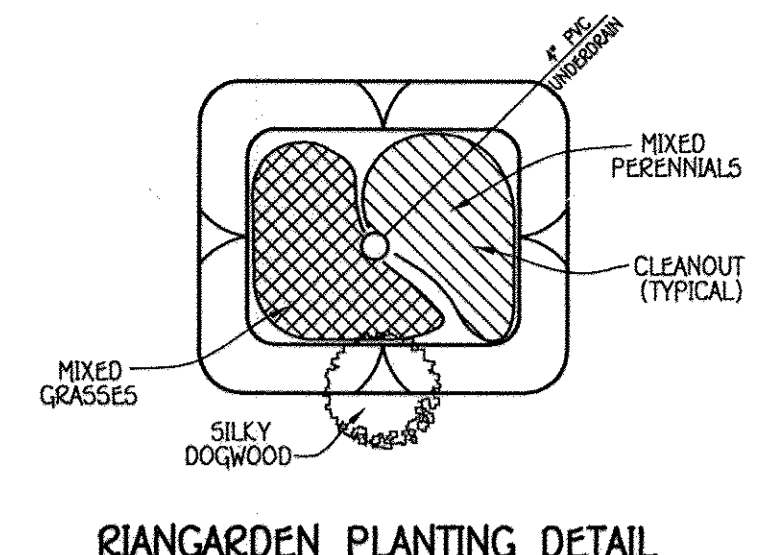
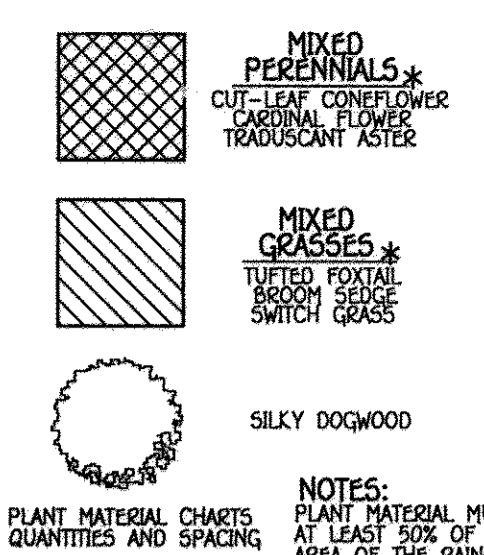
**SINGLE FAMILY DETACHED BLOUGH PROPERTY**

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 **SDP-10-053**



NOTE: ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY DESIGN MANUAL VOL. IV, STANDARD SPECIFICATION AND DETAILS.

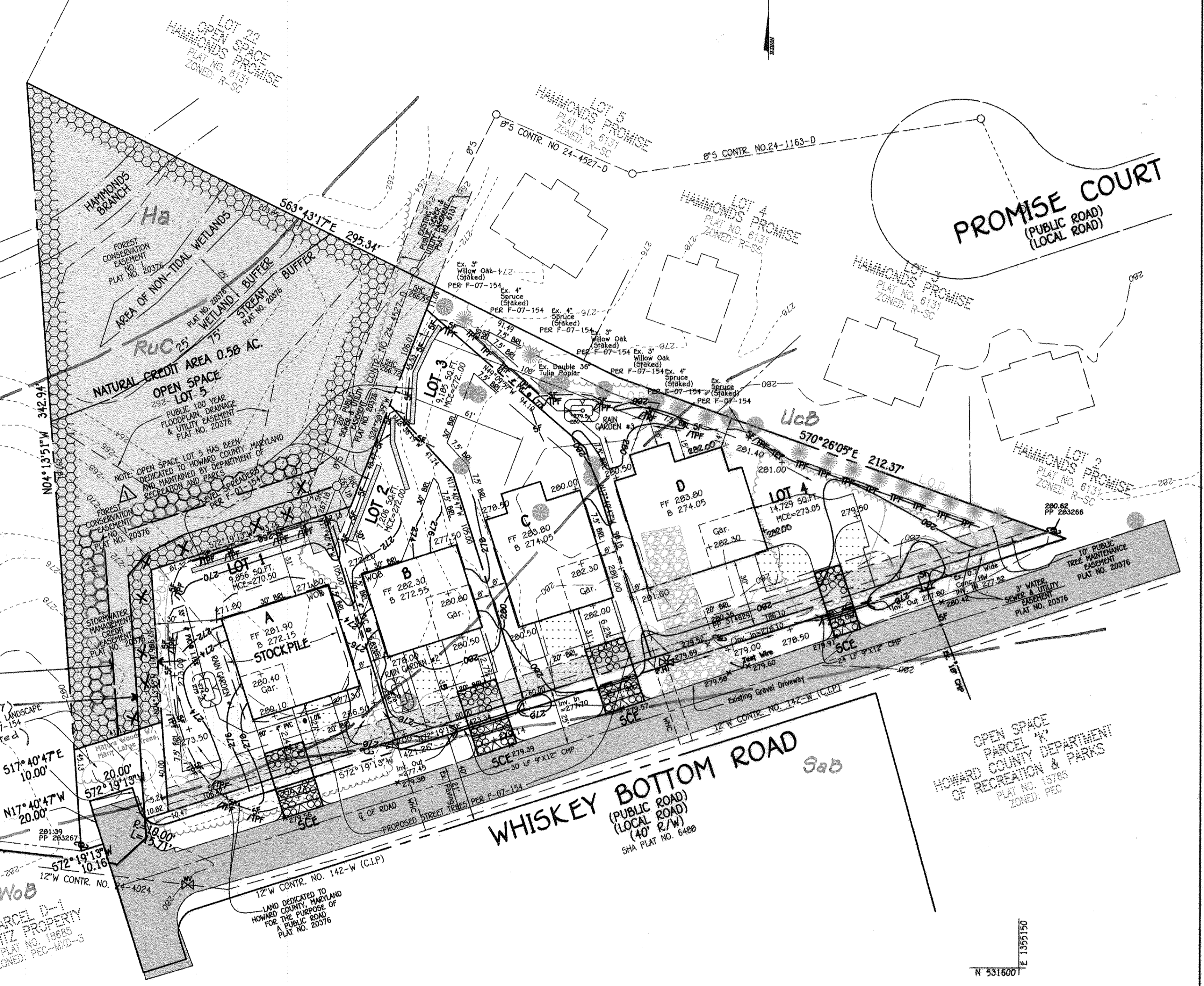
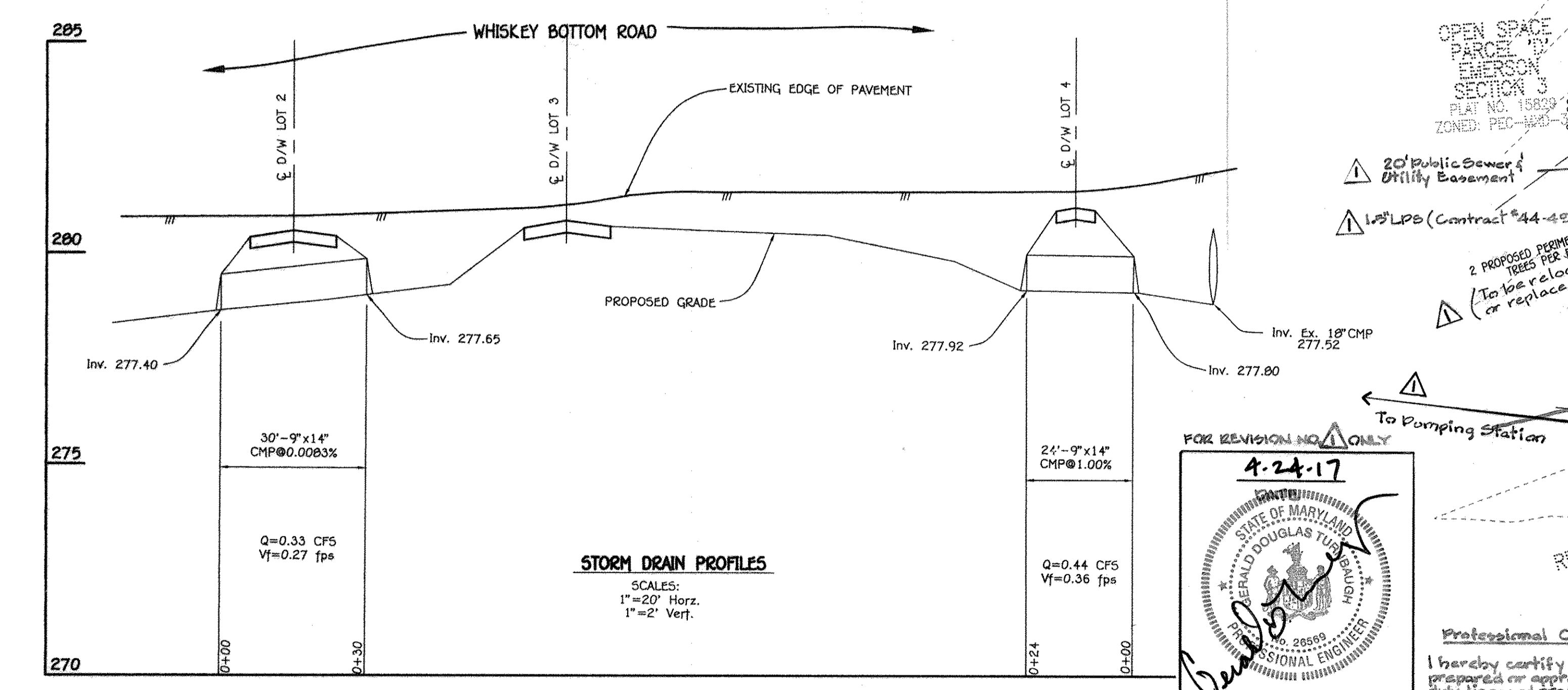
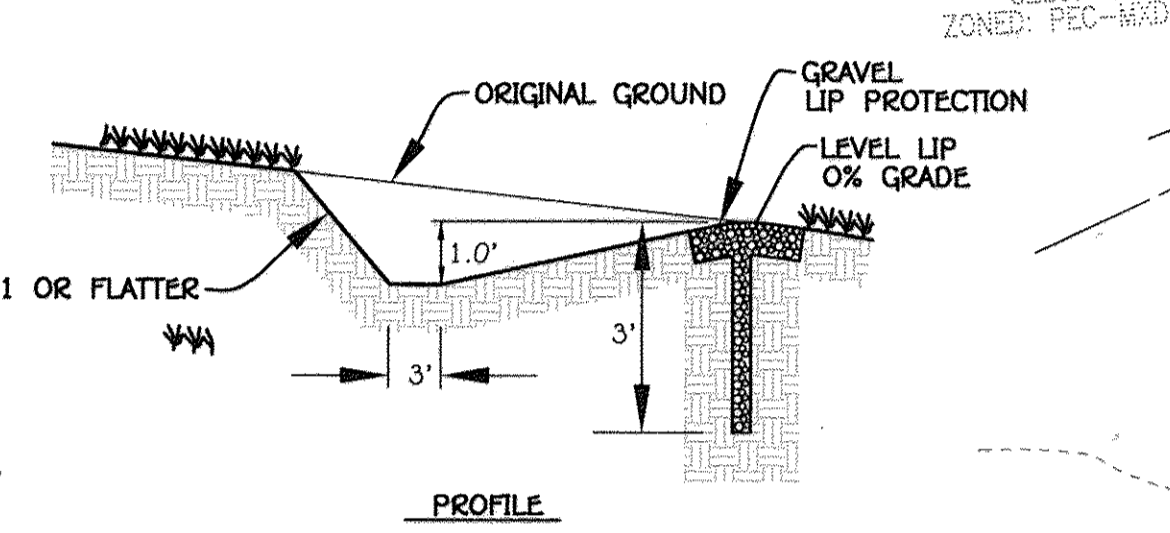
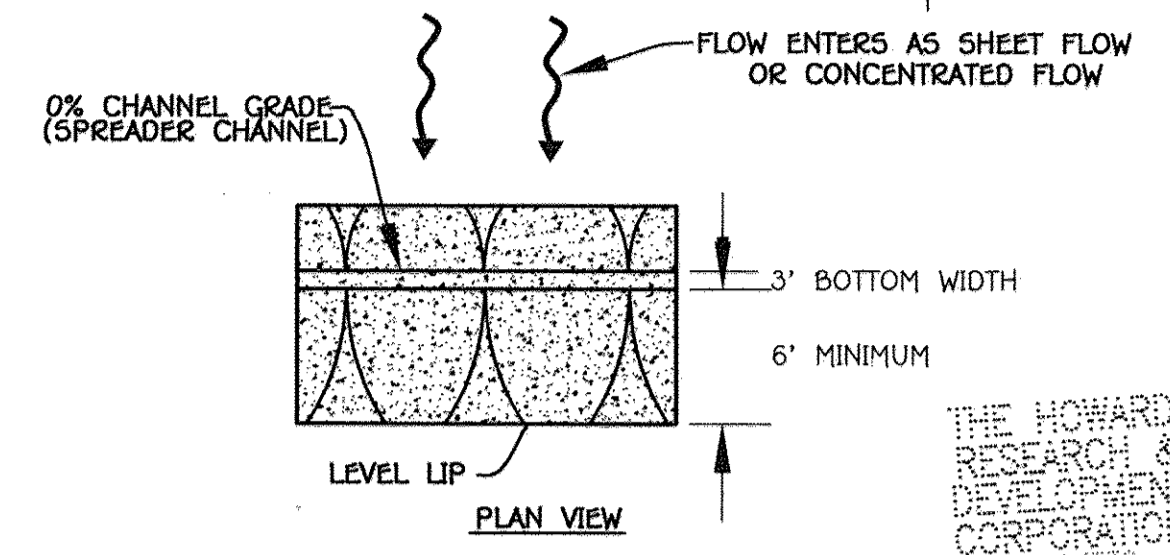
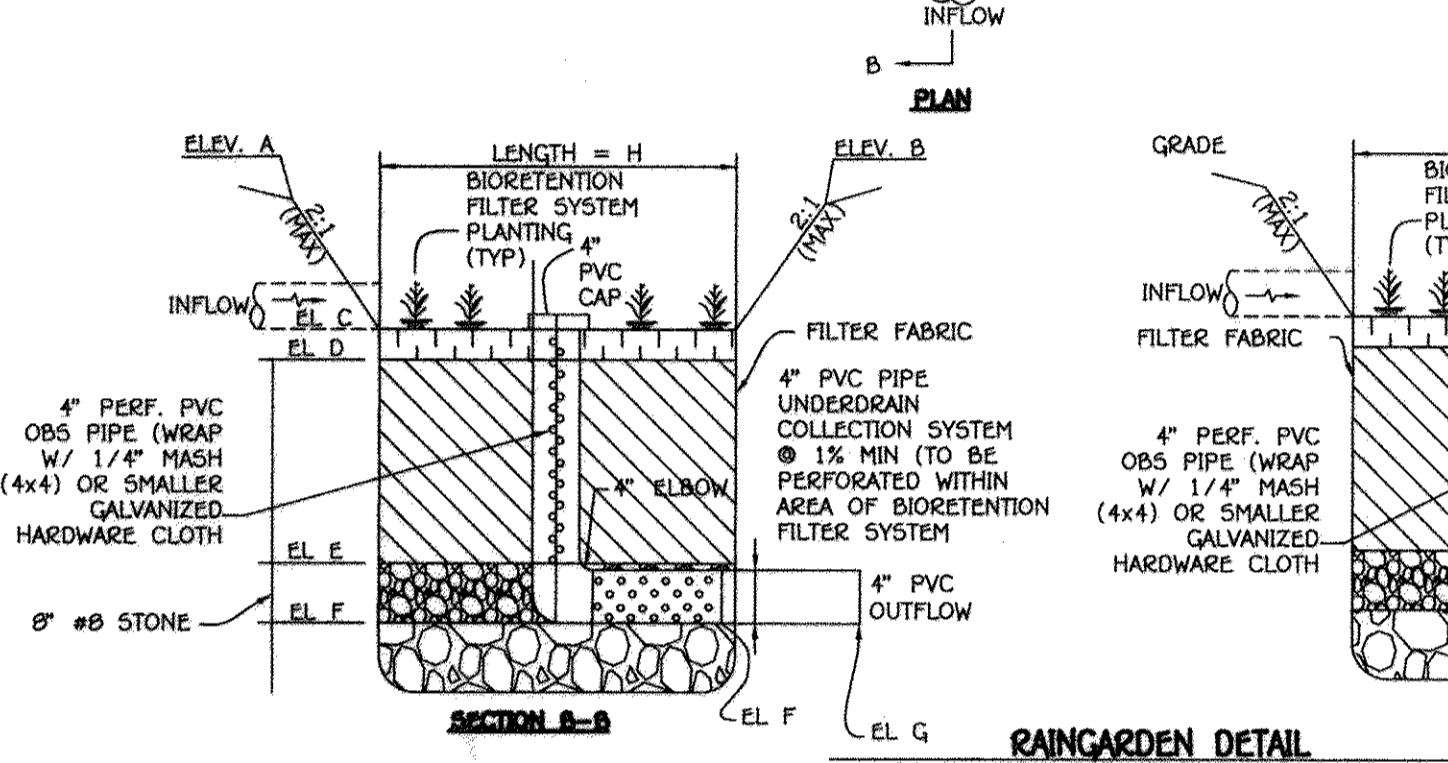
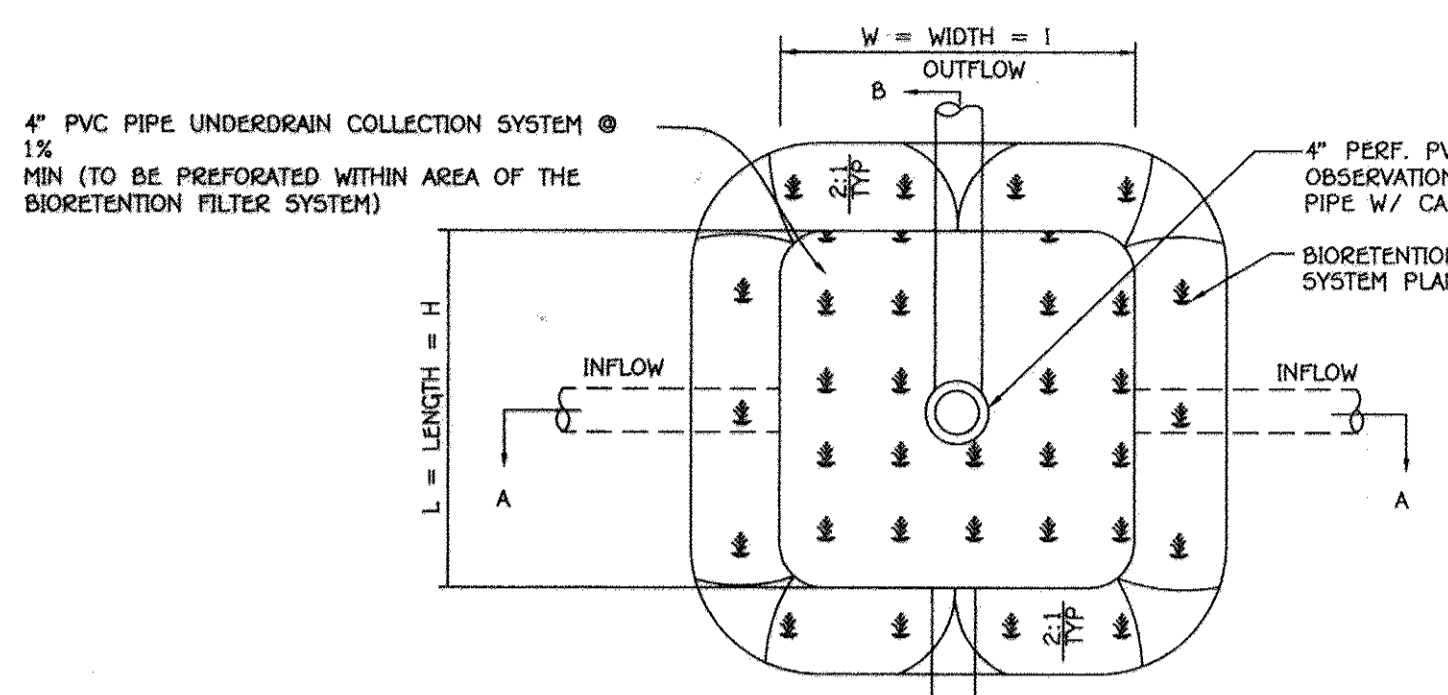


RAIN GARDEN FILTER	A	B	C	D	E	F	G	H	I
1	275.00	275.00	274.50	274.25	271.75	271.00	270.70	10'	5'
2	278.50	278.50	278.00	277.75	275.25	274.50	270.50	10'	5'
3	280.00	280.00	279.50	279.25	276.75	276.00	275.00	10'	5'

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.



Professional Engineer's Seal and Signature for Earl D. Collins, License No. 26969, dated 4-24-17.

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. 26969, Expiration Date: 7-18-17.

FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS. CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL, FIC ELICOTT CITY, MARYLAND 21042 (410) 461-2099

NO.	REVISION	DATE
1	Redline Revision No. 1	11-20-16
1	Rev. Gen. Box Lot 244 to accept new hsc. models	4-20-10

Professional Engineer's Seal and Signature for Bob Corbett, License No. 26969, dated 3-22-10.

**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.

**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.

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

Signature of Developer: BOB CORBETT, Date: 3-24-10

Signature of Howard SCD: John R. Robertson, Date: 3/20/10

**OWNER/BUILDER/DEVELOPER**  
WILLIAMSBURG BUILDERS  
5485 HARPERS FARM ROAD  
COLUMBIA, MARYLAND 21044  
410-997-8000

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature: Vest S. ... Date: 4-18-10  
Signature: ... Date: 4/18/10  
Signature: ... Date: 4/14/10

**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

**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**

