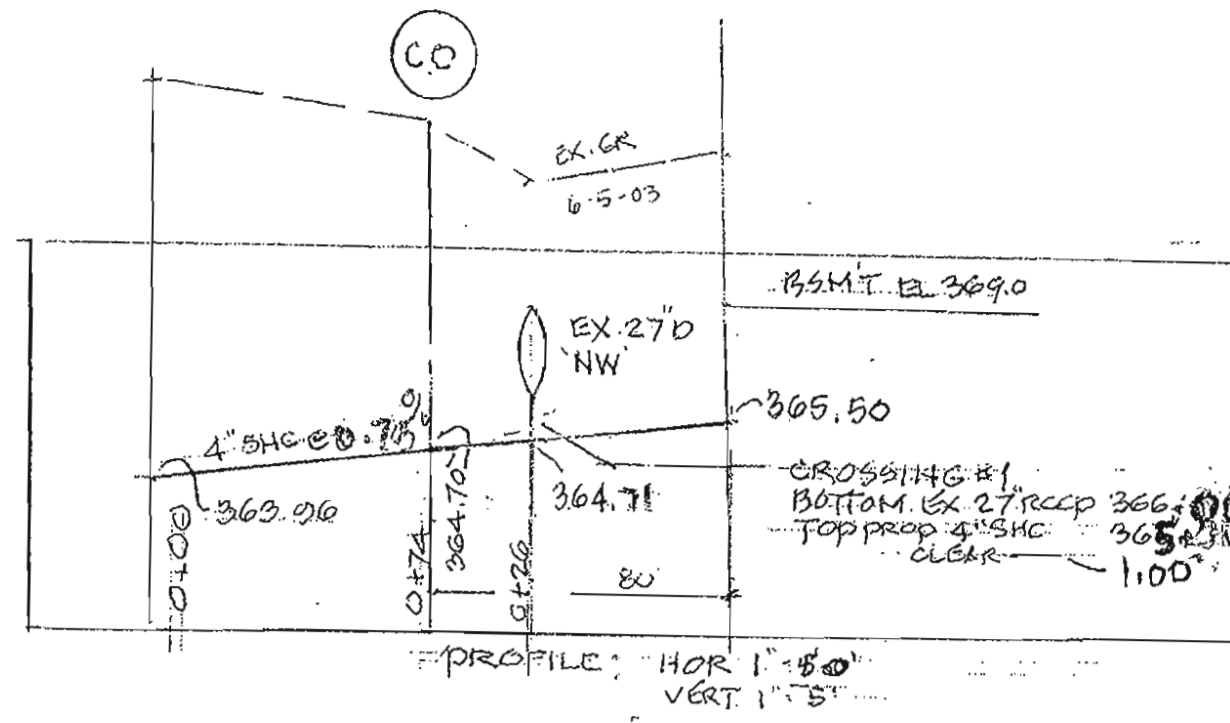


DRAINAGE AREA MAP
NO SCALE

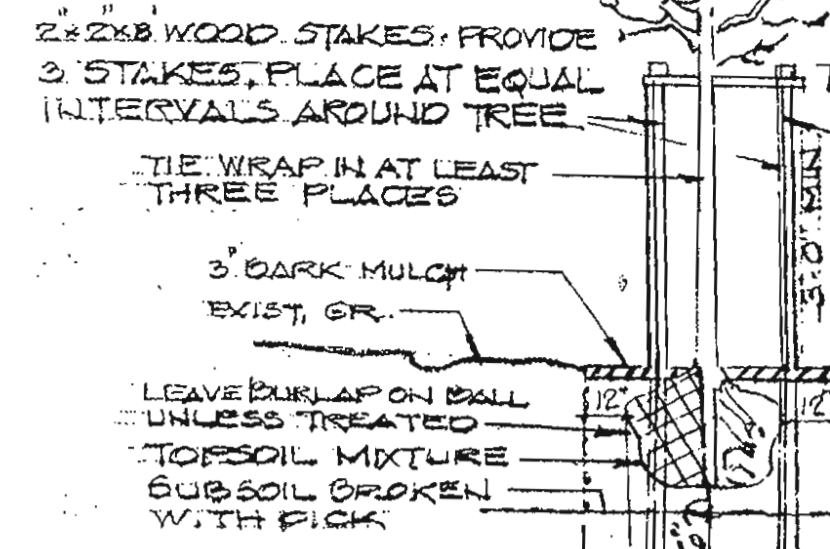


NOTE: DRY WELLS ARE INDICATED BY THE SYMBOL .
OPERATION AND MAINTENANCE SCHEDULE FOR DRYWELLS:
A. REMOVAL OF STUMP FROM THE SURFACE ACCUMULATION EXCEEDS ONE (1) INCH.
B. REMOVAL OF ACCUMULATED PAPER, TRASH AND DEBRIS AS NECESSARY.
C. VEGETATION GROWING WITHIN THE TRUNK AREA IS NOT ALLOWED TO EXCEED 18 INCHES IN HEIGHT AT ANY TIME. CORRECTIVE MAINTENANCE IS REQUIRED ANY TIME THE TRUNK DOES NOT MAIN COME COMPLETELY WITHIN 18 INCHES OF THE TRUNK. NO SPRINKLING WATER WITHIN THE TRUNK IS ALLOWED FROM EXIST.
F. ANNUAL INSPECTION AND REPAIR OF THE STRUCTURE.

Category	Adjacent to Roadways	Adjacent to Perimeter Properties
Landscape Type	NA	A
Linear Feet of Roadway Frontage (Permitted)	NA	SEE 2340006 THIS SH.
Credit for Existing Vegetation (Yes, No, Linear Feet) (Describe below if needed)	NA	PERIMETER 2 EX. 2 BIRDNETS LONG TO 10'
Credit for Wall, Fence or Berm (Yes, No, Linear Feet) (Describe below if needed)	NA	NA
Number of Plants Required		PERIMETER 1 LONG 18' 10" 4 SHADE TREES PER
Number of Plants Provided		4 SHADE TREES PROVIDED
Number of Plants Provided (Describe plant substitution credits below if needed)		4 SHADE TREES PROVIDED

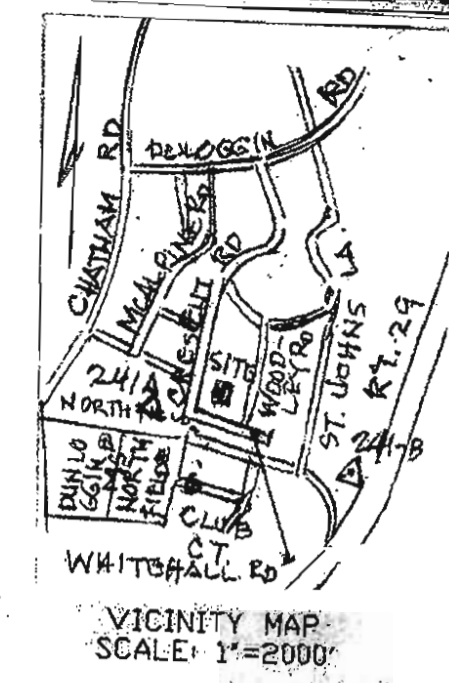
I/WE CERTIFY THAT THE landscaping shown on this plan will be done in accordance with the plan, Section 16.134 of the Howard County Code, and the Howard County Landscape Manual. I/we certify that upon completion a certification of landscape installation, accompanied by an annotated one year color photograph of the installation, will be submitted to the Department of Planning and Zoning.

SIGNATURE: DATE: 4/18/05



PLANTING DETAIL
NO SCALE

PLANTING SCHEDULE			
PERIMETER 1	LENGTH: 120.28'	PLANTING REQUIRED: 4 SHADE TREES	REMARKS
SYMBOL	PLANT NAME	SIZE	RNTY.
①	PRUNUS SARGENTII	2 1/2" OL. 4	BEB
	SARGENT CHERRY		HEAVY HEADS
PERIMETER 2	LENGTH: 70.02'	PLANTING REQUIRED: 2 SHADE TREES	
	CREDIT: 2 SHADE TREES (EX. ST. 14" MAPLE, 18" OAK AS SHOWN)		

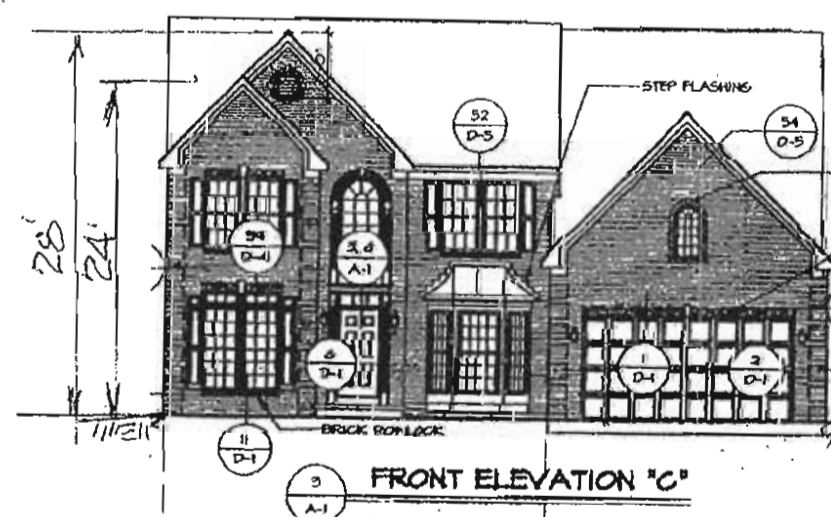


- GENERAL NOTES:
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS NEHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
 - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS / BUREAU OF CONSTRUCTION INSPECTOR AT 410-792-7272 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS BEFORE ANY EXCAVATION WORK.
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, BUREAU OF UTILITIES AT 410-313-4900 AT LEAST FIVE WORKING DAYS PRIOR TO STARTING ANY EXCAVATION WORK.
 - OWNER: DONALD J. PAYNE & WIFE, 4050 CRESCENT RD, ELICOTT CITY, MD 21042
 - DEED REF. LIBER 449 FOLIO 421012
 - AREA OF SITE: 0.29 AC. S.P. 14-41707
 - SITE USE: SINGLE FAMILY DETACHED UNIT
 - ZONING CLASSIFICATION: R-20
 - BOUNDARY AND TOP SURVEY BY JOHN L. MELLEMA SR. JAN. 2002
 - COORDINATES AND BEARINGS ARE BASED UPON MARYLAND STATE PLAN SYSTEM (MSAD 83)
 - ALL PLAN DIMENSIONS ARE PLUS OR MINUS.
 - PUBLIC WATER AND SEWER IS AVAILABLE.
 - UTILITY INFORMATION TAKEN FROM FIELD SURVEY AND HOWARD COUNTY RECORDS.
 - NO WETLANDS, STREAMS OR STEEP SLOPES EXIST ON THIS SITE, AS CERTIFIED BY ECO SCIENCE P.D. TOTAL DISTURBANCE OF SITE = 4900 S.F. 410-942-6762
 - BENCHMARK DESCRIPTION: HOWARD CO. CONTROL POINT: 241-A No. 241-B, 4519167.02, N 579167.02, E 1360260.20, N 670759.509, 1360260.20
 - ANY DAMAGE TO THE COUNTY R/W SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS: STATE HIGHWAY ADMINISTRATION - 410-531-5533, BEE UNDER GROUND DAMAGE CONTROL - 410-787-4620, BGE CO. CONTRACTOR SERVICE - 410-590-4620, AT&T CABLE LOCATION DIVISION - 410-393-3533, HOWARD CO. BUREAU OF UTILITIES - 410-313-2366, BELL ATLANTIC TELEPHONE CO. - 410-725-9976
 - APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTOR'S INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE TO THE CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
 - TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ADDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACING OF ANY PAVING.
 - SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS, AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL ENGINEERS RECOMMENDATIONS.

SITE ANALYSIS:
 A. TOTAL PROJECT AREA = 14,417.67 SQ. FT. / 0.33 AC.
 B. AREA OF PLAN SUBMISSION = 14,417.67 SQ. FT. / 0.33 AC.
 C. LIMITS OF DISTURBED AREA = 9000 SQ. FT.
 D. PRESENT ZONING DESIGNATION = R-20
 E. PROPOSED USE FOR SITE AND STRUCTURES = SINGLE FAM. RESID.
 F. TOTAL NO. OF UNITS ALLOWED AS SHOWN ON FINAL PLAT = 2
 G. TOTAL NO. OF UNITS PROPOSED ON SUBMISSION = 1

ADDRESS CHART			
LOT/PARCEL #	STREET ADDRESS		
LOT 23	9114 WHITE HALL ROAD		

PERMIT INFORMATION CHART			
Subdivision Name: MAP OF CRESTLEIGH	Section/Area: N.A.	Lot/Parcel No.: LOT 23/P 978	
Plat # & DATE: 16 231 - 23	Grid No.: 23	Tax Map No.: 24	Elect. Dist.: 2412
Water Code: 1 F 0 B		Sewer Code: 575 21 00	



FRONT ELEVATION 'C'
NO. SCALE

APPROVED: DEPARTMENT OF PLANNING AND ZONING

 Chief, Development Engineering Division Date: 4/22/05

 Chief, Division of Land Development Date: 4/30/05

 Director Date: 4/30/05

PREPARED BY:
 LAND DEVELOPMENT CONSULTANTS
 9417 ASHLYN CIRCLE
 OWINGS MILLS, MD.
 410-356-0625 FAX: SAME
 SURVEYS BY:
 JOHN C. MELLEMA SR.
 5409 EAST DRIVE
 BALTO., MD. 21227
 410-247-7488, FAX: 410-247-2507

SHEET INDEX	
SHEET NO.	DESCRIPTION
1 OF 2	SITE DEVELOPMENT PLAN
2 OF 2	SEDIMENT CONTROL PLAN



OWNER:
 DONALD J. PAYNE AND WIFE
 4050 CRESCENT ROAD
 ELICOTT CITY, MARYLAND 21042
 410-405-0524
 CONTRACT BUYER:
 ROBERT AWALT BUILDERS, INC.
 9081 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MD. 21042
 410-401-1315

SITE DEVELOPMENT PLAN
 MAP OF CRESTLEIGH
 LOT 23, BLOCK C, SINGLE FAMILY DETACHED
 TAX MAP 24, PARCEL 918, GRID 23
 2ND. ELECTION DISTRICT, HO., CO., MD.
 SCALE= 1" = 30 FT. DATE: 5-21-04
 SHEET 1 OF 2.

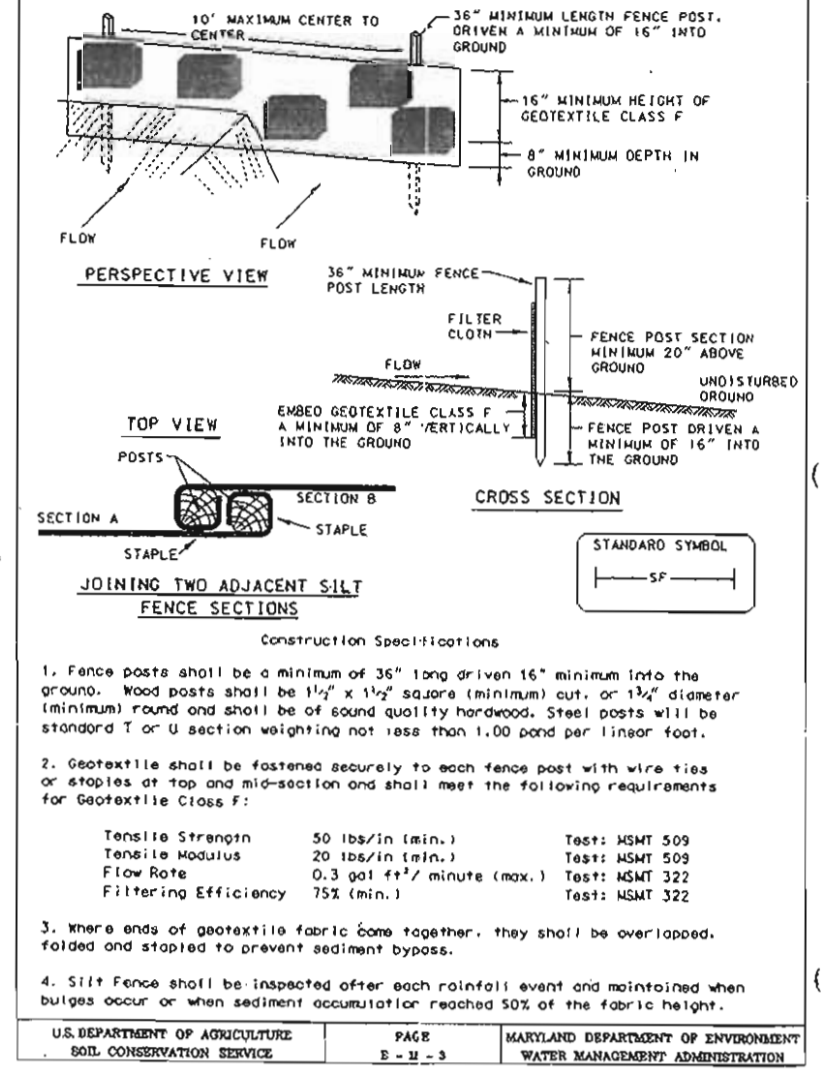
HOWARD SOIL CONSERVATION DISTRICT

STANDARD SEDIMENT CONTROL NOTES

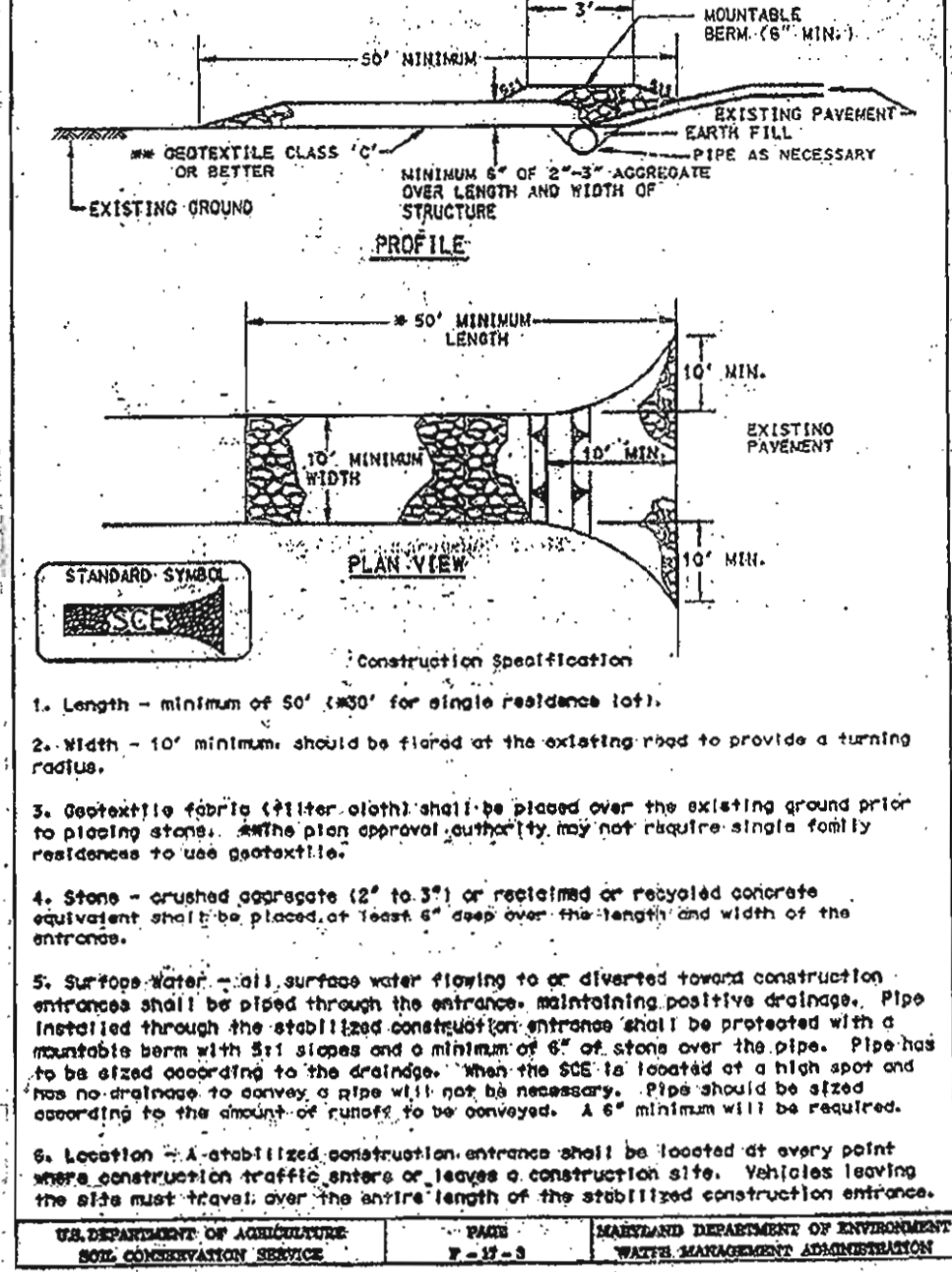
- A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (313-1835).
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.
- Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within 7 calendar days for all permanent sediment control structures, dikes, perimeter slopes and all slopes steeper than 3:1, by 14 days as to all other disturbed or graded areas on the project site.
- All sediment basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 7 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding, and temporary seeding, and mulching (Sec. G). Temporary stabilization with mulch shall only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- All sediment control structures to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Division.
- Site Analysis:

Total Area of Site	= 0.33 Acres
Area to be worked or paved	= 0.10 Acres
Area to be vegetatively stabilized	= 0.15 Acres
Total Cut	330 SF
Total Fill	233 SF
Off-site watercourse area location	#00 SITE 02
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized within one working day, whichever is shorter.

DETAIL 22 - SILT FENCE



DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Soil Preparation: Loosen upper three inches of soil by raking, disk or other acceptable means before seeding, if not previously loosened.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- Established - Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs/acre 30-0-0 urea/ammonia fertilizer (90 lbs/1000 sq. ft.).
- Assemblage - Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs/acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil.

Seeding: For the periods March 1 - April 30, and August 1 - October 15, seed with 60 lbs/acre (1.4 lbs/1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 - July 31, seed with 60 lbs/acre Kentucky 31 Tall Fescue per acre and 3 lbs/acre (0.5 lbs/1000 sq. ft.) of weeping lovegrass. During the period of October 16 - February 28, protect site by Option 1 - Two tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option 2 - Use seed. Option 3 - Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching: Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 ft. or higher, use 348 gallons per acre (8 gal/1000 sq. ft.) for anchoring.

Maintenance: Inspect all seeding areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.

Soil Preparation: Loosen upper three inches of soil by raking, disk or other acceptable means before seeding, if not previously loosened.

Soil Amendments: Apply 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).

Seeding: For the periods March 1 - April 30, and August 15 - October 15, seed with 2-1/2 bushel per acre of annual ryegrass (2.2 lbs/1000 sq. ft.). For the period May 1 - August 14, seed with 3 bushels of weeping lovegrass (0.7 lbs/1000 sq. ft.). For the period November 16 - February 28, protect site by applying 2 tons/acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed.

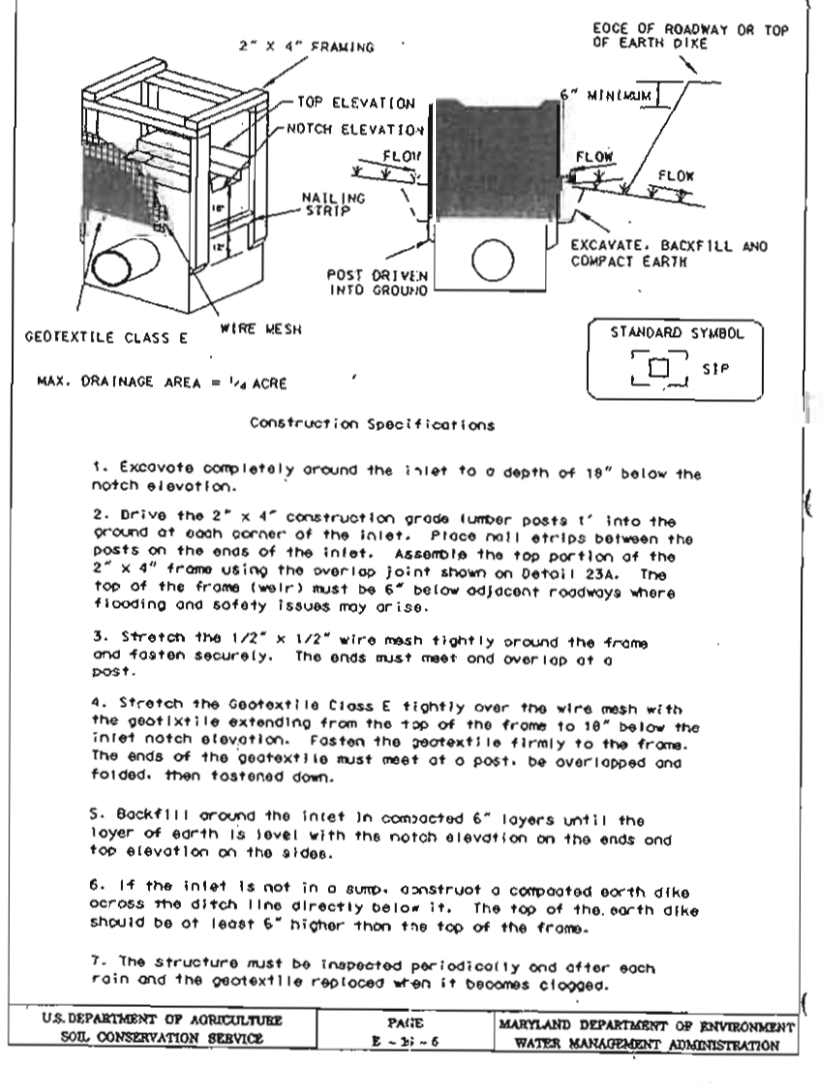
Mulching: Apply 1-1/2 to 2 tons/acre (70 to 90 lbs/1000 sq. ft.) of unrotted wood-chip, small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 ft. or higher, use 348 gal. per acre (8 gal/1000 sq. ft.) for anchoring.

Refer to the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for additional sites and methods not covered.

SEQUENCE OF CONSTRUCTION

- Obtain a Grading Permit.
- Install sediment controls as shown on plan in accordance with details.
- Perform necessary grading and stabilize the site with topsoil and seeding notes. All downspouts, swales, ditches and other concentrated flow areas shall receive erosion control matting.
- After the site is permanently stabilized and permission is granted from the Howard County Sediment Control Inspector, remove sediment controls and stabilize any remaining disturbed areas.

DETAIL 23A - STANDARD INLET PROTECTION



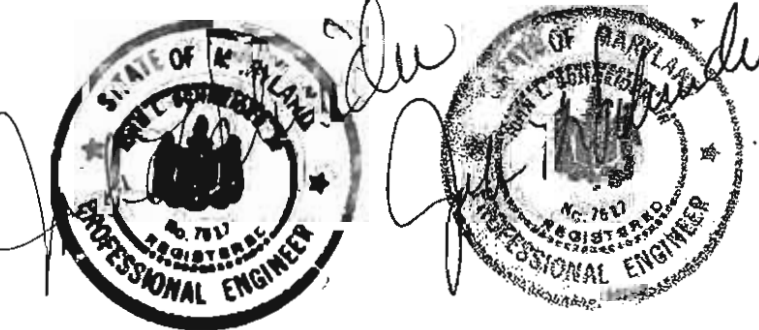
Reviewed for Howard SCD and meets Technical Requirements
 Jim Moran 1/26/05
 USA - Natural Resources Conservation Service
 Date
 This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT
 John C. Mellema Sr. 1/26/05
 Howard SCD
 Date

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."
 John C. Mellema Sr. 1/18/05
 Signature of Engineer (print name below signature) Date
 John C. Mellema Sr. 6-3-04
 Signature of Engineer (print name below signature) Date

DEVELOPER'S CERTIFICATE
 "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] 6-3-04
 Signature of Developer (print name below signature) Date

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 1/20/05
 Chief, Development Engineering Division Date
 Cindy Hamm 1/21/05
 Chief, Division of Land Development Date
 [Signature] 1/21/05
 Director Date

PREPARED BY:
 LAND DEVELOPMENT CONSULTANTS
 9417 ASHLYN CIRCLE
 OWINGS MILLS, MD.
 410-356-0625 FAX: SAME
 SURVEYS BY:
 JOHN C. MELLEMA SR.
 5409 EAST DRIVE
 BALTO., MD. 21227
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- GENERAL NOTES:**
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 - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS / BUREAU OF CONSTRUCTION INSPECTION AT 410-792-7272 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS BEFORE ANY EXCAVATION WORK.
 - THE CONTRACTOR SHALL NOTIFY THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS, BUREAU OF UTILITIES AT 410-313-4900 AT LEAST FIVE WORKING DAYS PRIOR TO STARTING ANY EXCAVATION WORK.
 - OWNER: DONALD J. PAYNE & WIFE
 4655 CRESTLEIGH
 BLOCK C, LOT 23
 5000 CRESTLEIGH RD. FOLIO 33
 7. AREA OF SITE: 0.33 ACRES, 14,417.67 S.F. 14,417.67 S.F.
 8. SITE USE: SINGLE FAMILY DETACHED UNIT
 9. ZONING CLASSIFICATION: R-20 THE LOT IS ZONED R-20 PER THE FEB. 2, 2004 COMPREHENSIVE ZONING PLAN
 10. BOUNDARY AND TOP SURVEY BY JOHN C. MELLEMA SR. JAN. 2002
 11. COORDINATES AND BEARINGS ARE BASED UPON MARYLAND STATE PLAN SYSTEM (MSD 83)
 12. ALL PLAN DIMENSIONS ARE PLUS OR MINUS
 13. PUBLIC WATER AND SEWER IS AVAILABLE.
 14. UTILITY INFORMATION TAKEN FROM FIELD SURVEY AND HOWARD COUNTY RECORDS.
 15. THERE ARE NO NET LANDS, STREAMS OR STEEP SLOPES EXIST.
 16. TOTAL DISTURBANCE OF SITE = 9000 S.F. AS CERT. BY ECO SCIENCE INC. 410-592-6752
 17. BENCHMARK DESCRIPTION: HOWARD CO. CONTROL POINT # 31-E-6 EL. 482.76 241-A 241-B
 18. ANY DAMAGE TO THE COUNTY R/W SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 19. THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THESE DRAWINGS:
 STATE HIGHWAY ADMINISTRATION - 410-531-5533
 EGE UNDER GROUND DAMAGE CONTROL - 410-787-4620
 BGE CO. CONTRACTOR SERVICE - 410-850-4620
 AT&T CABLE LOCATION DIVISION - 410-393-3553
 HOWARD CO. BUREAU OF UTILITIES - 410-313-2366
 BELL ATLANTIC TELEPHONE CO. - 410-725-9976
 20. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN FOR THE CONTRACTORS INFORMATION. CONTRACTOR SHALL LOCATE EXISTING UTILITIES WELL IN ADVANCE OF CONSTRUCTION ACTIVITIES AND TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND TO MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE DUE TO THE CONTRACTORS OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTORS EXPENSE.
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 22. SOIL COMPACTION SPECIFICATIONS, REQUIREMENTS, METHODS, AND MATERIALS ARE TO BE IN ACCORDANCE WITH THE PROJECT GEOTECHNICAL ENGINEERS RECOMMENDATIONS.

SITE ANALYSIS:

- TOTAL PROJECT AREA = 14,417.67 S.F. / 0.33 AC.
- AREA OF PLAN SUBMISSION = 11
- LIMITS OF DISTURBED AREA = 9000 SF
- PRESENT ZONING DESIGNATION = R-20
- PROPOSED USE FOR SITE AND STRUCTURES = S.F.R.
- TOTAL NO. OF UNITS ALLOWED AS SHOWN ON FINAL PLAT = 2
- TOTAL NO. OF UNITS PROPOSED ON SUBMISSION = 1

ADDRESS CHART	
LOT/PARCEL #	STREET ADDRESS
LOT 23	9114 WHITEHALL ROAD

SEDIMENT CONTROL PLAN
 MAP OF CRESTLEIGH
 LOT 23, BLOCK C, SINGLE FAMILY DETACHED
 TAX MAP 24, PARCEL 978, GRID 23
 HO., CO., MD.
 2ND. ELECTION DISTRICT, DATE: 5-21-04
 SCALE = 1" = 30 FT.
 SHEET 2 OF 2.
 SDP 04-153

