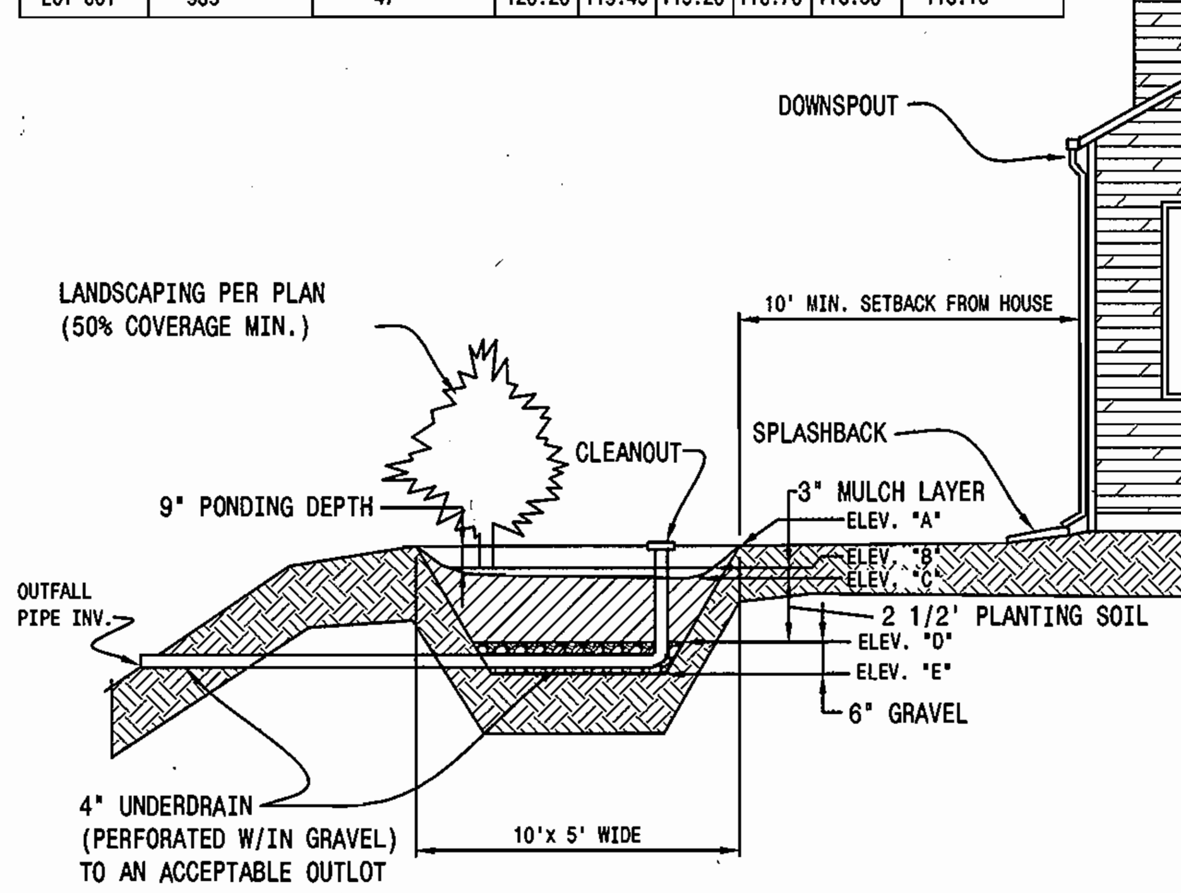
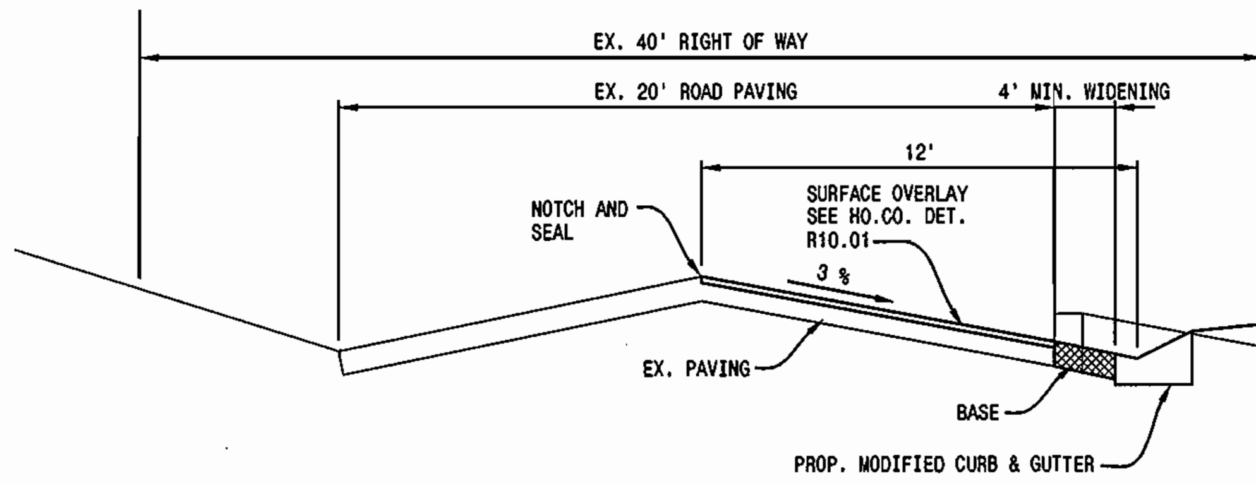
LOT No.	IMPERVIOUS S.F.	RAIN GARDEN AREA, S.F.	ELEVATIONS					OUTFALL PIPE. INV.
			A	B	C	D	E	
LOT 596	935	47	125.60	124.85	124.60	122.10	121.60	121.22
LOT 597	935	47	123.90	123.15	122.90	120.40	119.90	119.51
LOT 598	935	47	123.40	122.65	122.40	119.90	119.40	119.09
LOT 599	935	47	121.85	121.10	120.85	118.35	117.85	117.46
LOT 600	935	47	121.35	120.60	120.35	117.85	117.35	117.03
LOT 601	935	47	120.20	119.45	119.20	116.70	116.50	116.18



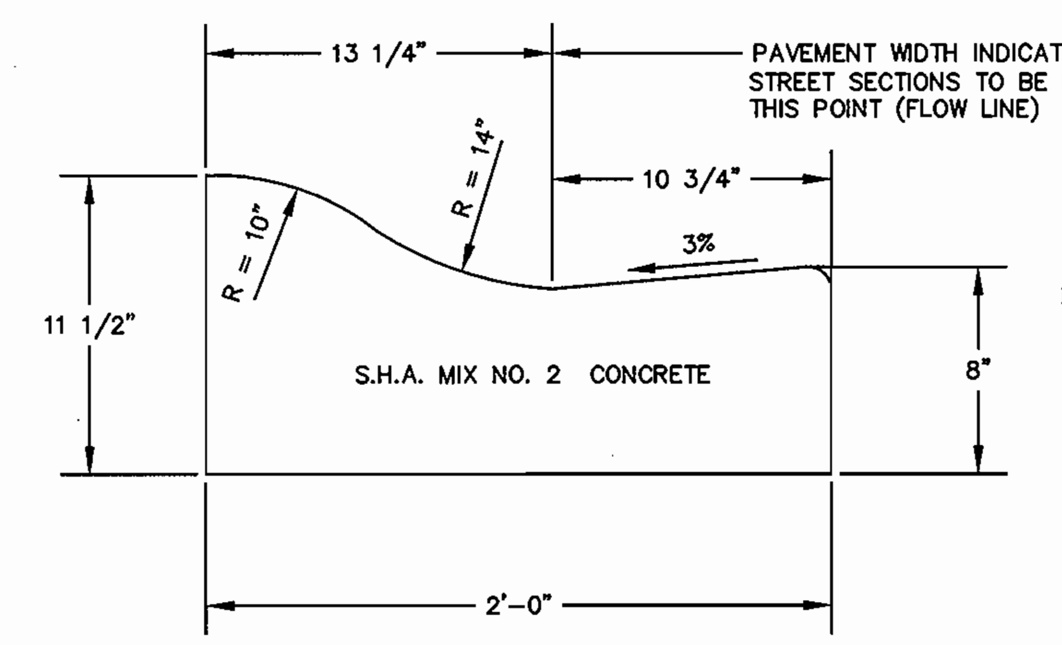
RAIN GARDEN - PROFILE

NOT TO SCALE



TYPICAL SECTION

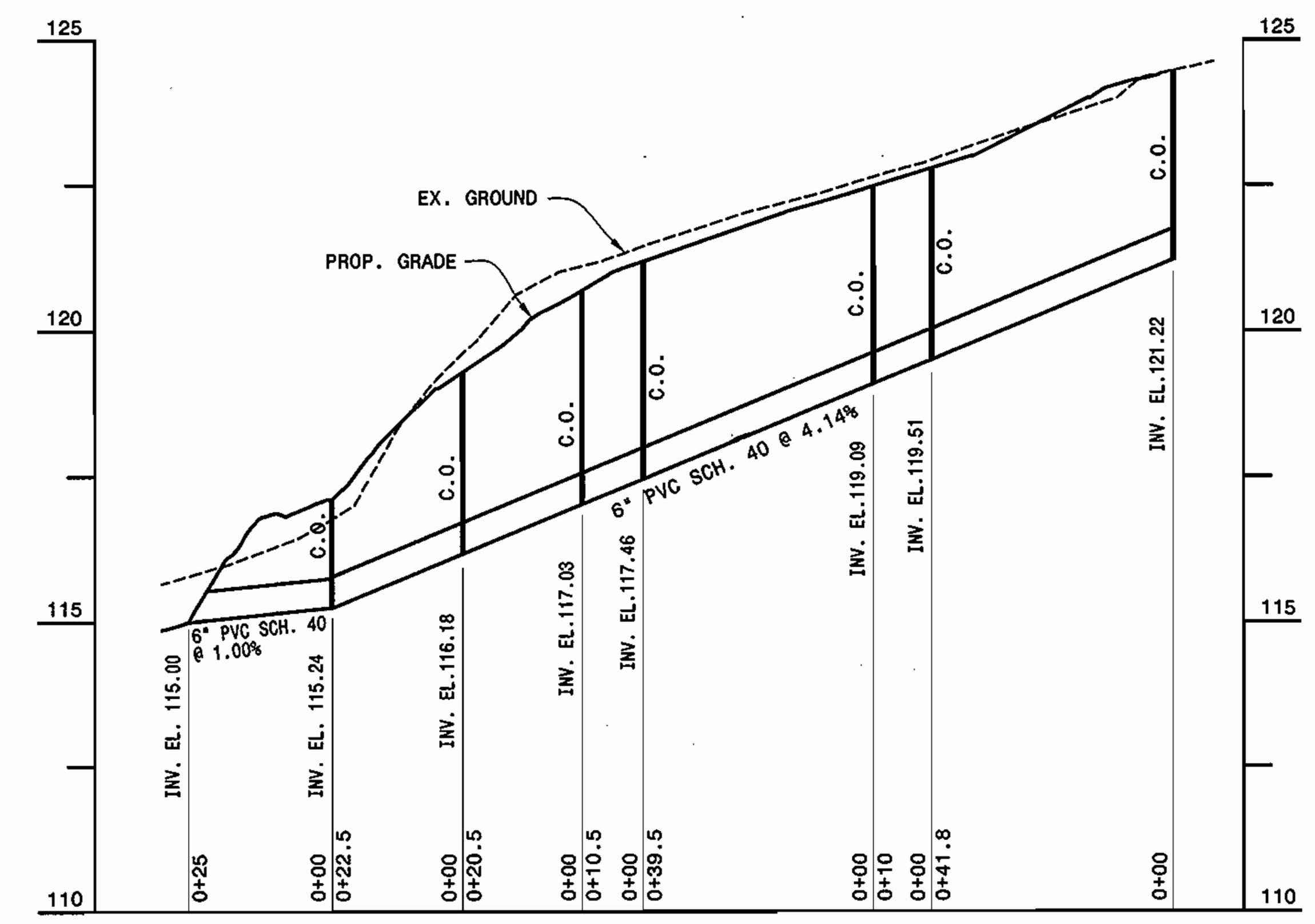
NOT TO SCALE



NOTE :
MODIFIED COMBINATION CURB & GUTTER TO BE USED ONLY ON CUL-DE-SAC STREETS, LOCAL ROADS OR MINOR COLLECTOR ROADS.
SEE DETAIL R-3.01

MODIFIED COMBINATION CURB AND GUTTER DETAIL

NOT TO SCALE



6" PVC - PROFILE

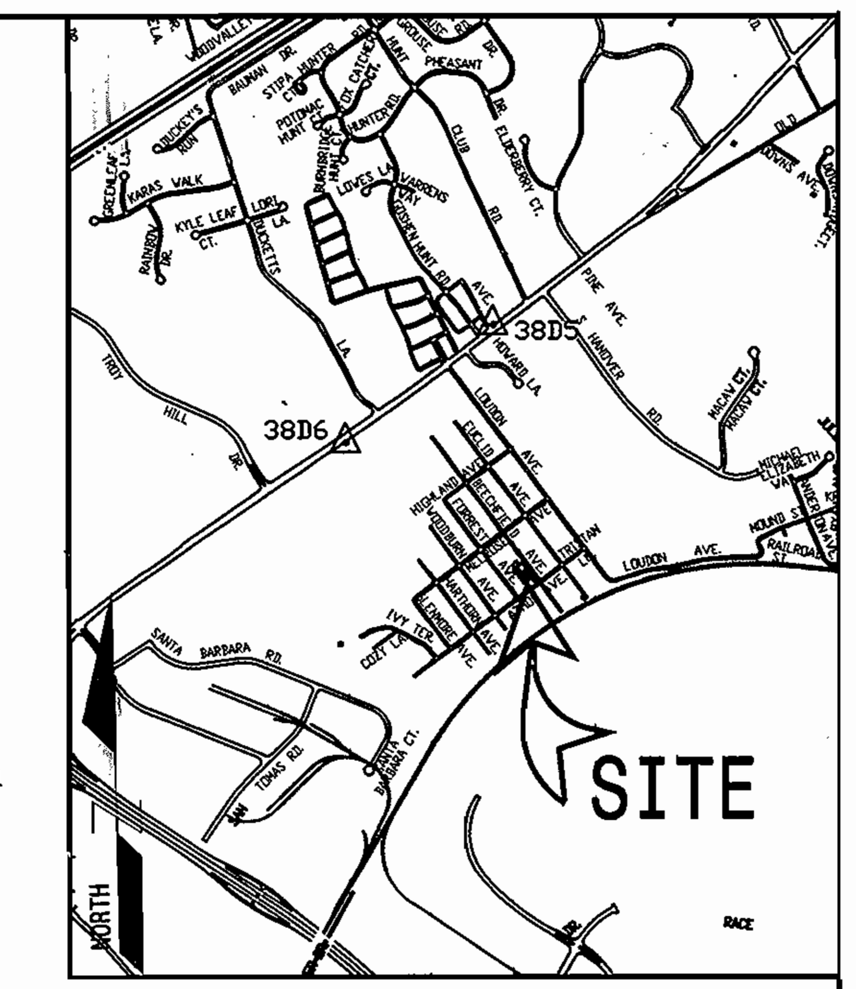
SCALE : 1" = 30' HOR.
1" = 3' VER.

STORMWATER MANAGEMENT DATA		
REQUIREMENT	REQUIRED VOLUME	VOLUME PROVIDED
WATER QUALITY VOLUME, WQv	0.002 Ac. = 47 S.F. OF RAIN GARDEN (1)	10 x 5 = 50' S.F. RAIN GARDEN
RECHARGE VOLUME	0.13 C.F. OR 126 S.F.	7,500 S.F., PROVIDED AS PART OF WATER AT BACKYARD OF EACH LOT
CHANNEL PROTECTION VOLUME	Q = 0.82 C.F. < 2.0 CFS EXEMPT	N.A.

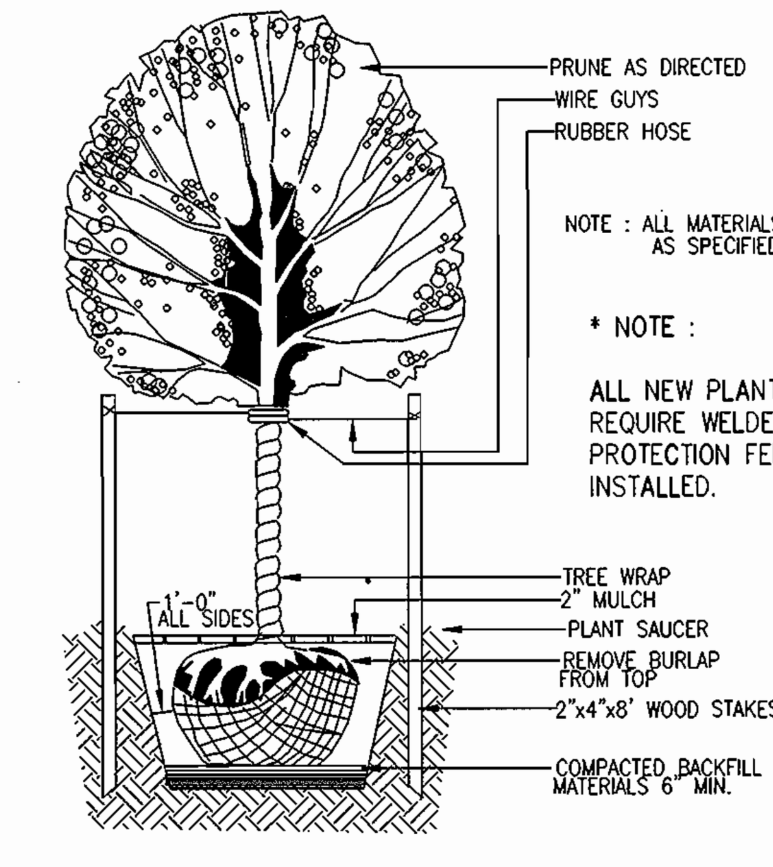
(1) FROM TABLE 4a. RAIN GARDEN DETERMINATION.

OPERATION AND MAINTENANCE SCHEDULE FOR RAIN GARDEN

1. Rain Garden shall be maintained individually by each homeowner.
2. 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.
3. 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.
4. Mulch shall be inspected each spring. Remove previous mulch layer before applying new layer once every 2 to 3 years.
5. Soil erosion to be addressed on an as needed basis, with a minimum of once per month and after heavy storm events.
6. Silt shall be removed when accumulation exceed 1".
7. Paper, trash, and debris shall be removed as necessary.



VICINITY MAP
SCALE: 1"=2000'



NOTE : ALL MATERIALS AS SPECIFIED

* NOTE :

ALL NEW PLANTINGS WILL REQUIRE WELDED WIRE PROTECTION FENCE TO BE INSTALLED.

TYPICAL DECIDUOUS TREE PLANTING DETAIL

NOT TO SCALE

PLANT SCHEDULE				
SYMBOL	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE
	ACER RUBRUM	OCTOBER GLORY RED MAPLE	4	2-1/2" - 3" CAL.

★ PROPOSED SITE IS PART OF EXISTING SUBDIVISION "HARWOOD PARK"
PROP. STREET TREES ARE PER ROUTE 1 CORRIDOR REQUIREMENTS

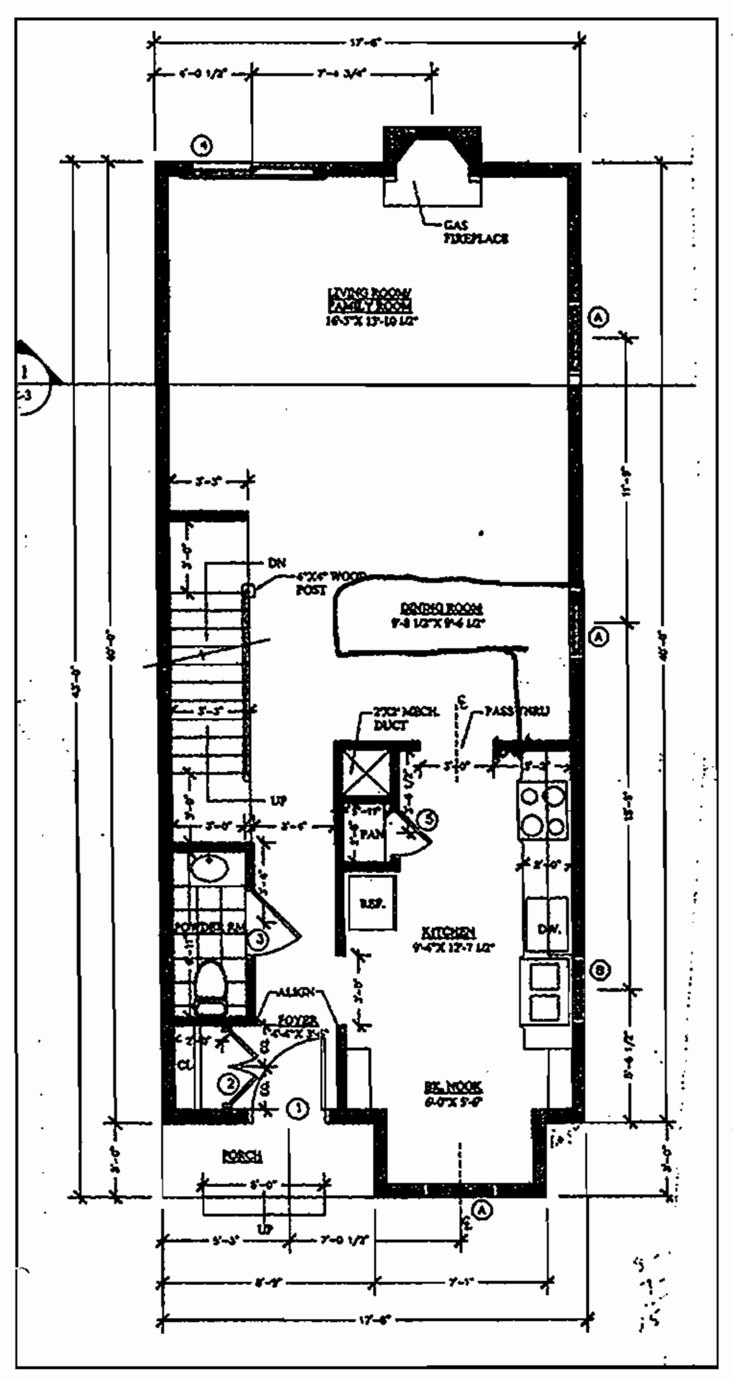
SITE ANALYSIS :
A. TOTAL PROJECT AREA = 21,000 S.F./0.48 Ac.±
B. AREA OF PLAN SUBMISSION = 0.48 Ac.±
C. LIMITS OF DISTURBED AREA = 0.48 Ac.±
D. PRESENT ZONING DESIGNATION = R-12
E. PROPOSED USE FOR THIS SITE AND STRUCTURES = S.F.A.
F. TOTAL NO. OF UNITS ALLOWED AS SHOWN ON FINAL PLAT = 6
G. TOTAL NO. OF UNITS PROPOSED ON SUBMISSION = 6

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.
2. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF CONSTRUCTION INSPECTION AT 410-792-7272 AT LEAST FIVE (5) DAYS PRIOR TO THE START OF WORK.
3. THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-7777 AT LEAST 48 HOURS BEFORE ANY EXCAVATION WORK.
4. 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.
5. DEED REFERENCE: 8789/050
6. AREA OF SITE: 21,000 SQ. FT.
7. SINGLE FAMILY SEMI DETACHED UNIT
8. ZONING CLASSIFICATION: R12, PER THE 2/02/04 COMPREHENSIVE REZONING PLAN.
9. BOUNDARY AND TOPOGRAPHY SURVEY BY JOHN C. MELLEMA SR., INC.
10. COORDINATES AND COURSES ARE BASED ON MARYLAND STATE PLAN SYSTEM (NAD83)
11. ALL PLAN DIMENSIONS ARE PLUS OR MINUS
12. PUBLIC WATER AND SEWER WILL BE USED, WATER CONT# 23-S & SEWER CONT.# 23-S REPECTIVELY
13. UTILITY INFORMATION TAKEN FROM FIELD SURVEY AND HOWARD COUNTY RECORDS.
14. NO WETLANDS, STREAMS OR STEEP SLOPES EXIST ON THIS SITE AS CERTIFIED BY ECO-SCIENCE PROFESSIONALS, INC.
15. TOTAL DISTURBANCE OF SITE = 0.48 Ac.
16. BENCHMARK DESCRIPTION:
HOWARD COUNTY CONTROL POINT

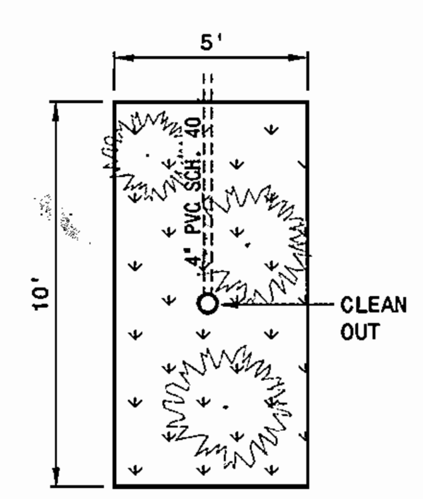
	38D5	38D6
	N558378.575	N557155.459
	E1386524.158	E1384992.262
	EL. 193.73	EL. 175.23

17. ANY DAMAGE TO THE COUNTY R/W SHALL BE CORRECTED AT THE DEVELOPERS EXPENSE.
18. THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THIS DRAWING
STATE HIGHWAY ADMINISTRATION--------410-531-5533
BGE 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
19. 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.
20. THERE ARE NO FLOOD PLAINS ON SITE
21. THIS PLAN IS EXEMPT FROM PERIMETER LANDSCAPING IN ACCORDANCE WITH SECTION 16.124 OF THE LANDSCAPE MANUAL SINCE IT IS DEVELOPMENT OF LOTS WITHIN THE SAME SUBDIVISION AND DOES NOT CREATE ANY NEW LOTS. FOUR (4) STREET SHADE TREES SHALL BE PROVIDED AS SHOWN ON THIS PLAN IN ACCORDANCE WITH THE ROUTE 1 AND LANDSCAPE MANUALS. SURETY IN THE AMOUNT OF $1,200.00 FOR STREET TREES SHALL BE POSTED WITH A DEVELOPER'S AGREEMENT FOR THIS PROJECT.
22. MODIFIED COMBINATION CURB AND GUTTER WILL BE USED.
23. THIS PLAN IS EXEMPT FROM FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1202(b)(1)(I) OF THE FOREST CONSERVATION MANUAL SINCE IT HAS HAD PRELIMINARY PLAN APPROVAL PRIOR TO THE EFFECTIVE DATE OF THE FOREST CONSERVATION ACT.
24. RAIN GARDENS WILL BE USED AS STORMWATER FOR EACH LOT. THE RAIN GARDENS WILL BE OWNED AND MAINTAINED BY THE INDIVIDUAL LOT OWNERS.
25. LOT 602 IS TO BE OWNED AND MAINTAINED BY A HOMEOWNERS ASSOCIATION.
26. HOMEOWNER'S ASSOCIATION DOCUMENTS HAVE BEEN FILED WITH THE MARYLAND STATE DEPARTMENT OF ASSESSMENTS AND TAXATION ON 7-13-06 AS RECORDING REFERENCE NUMBER 100036199334 6224.



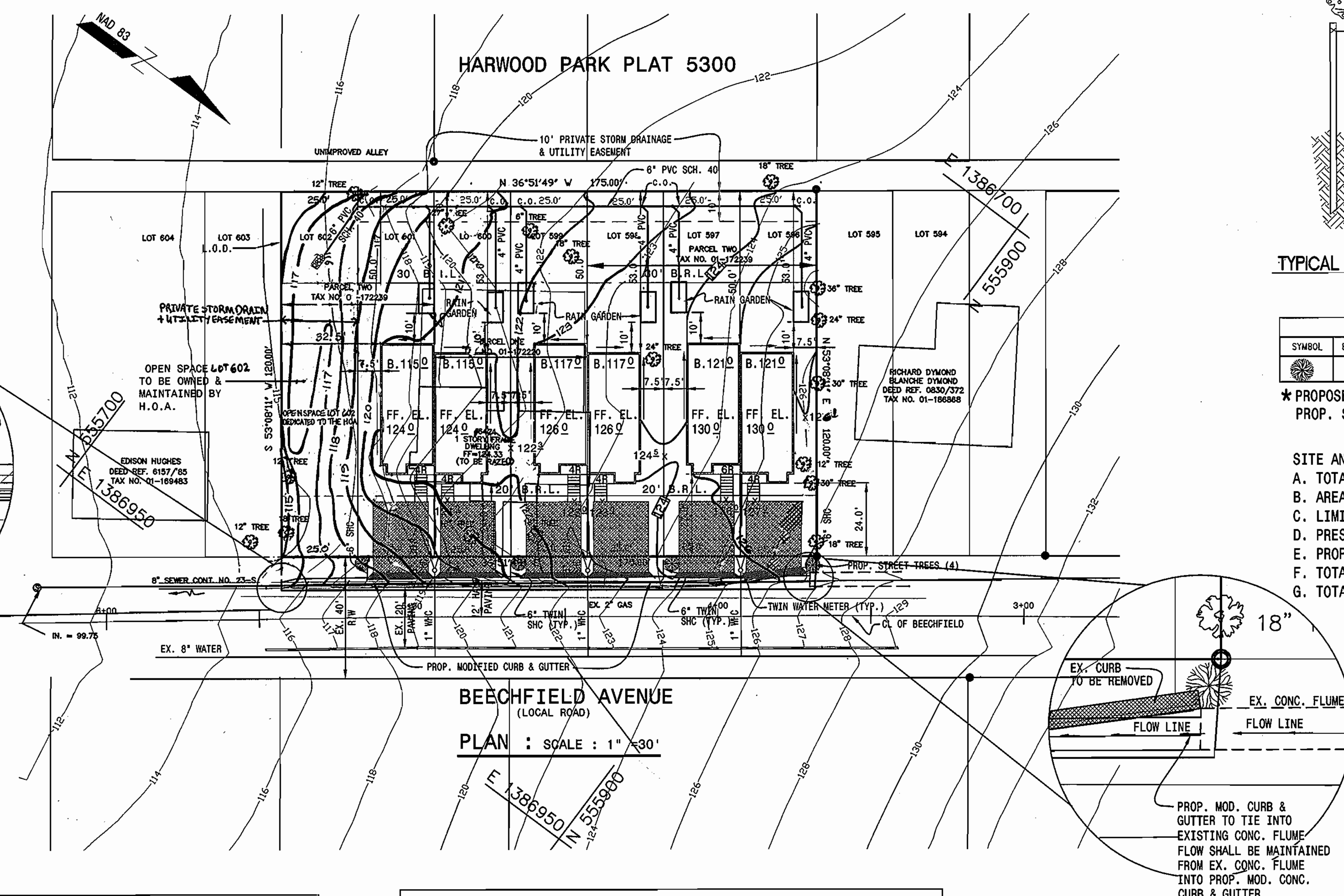
TYPICAL FOOTPRINT

NOT TO SCALE

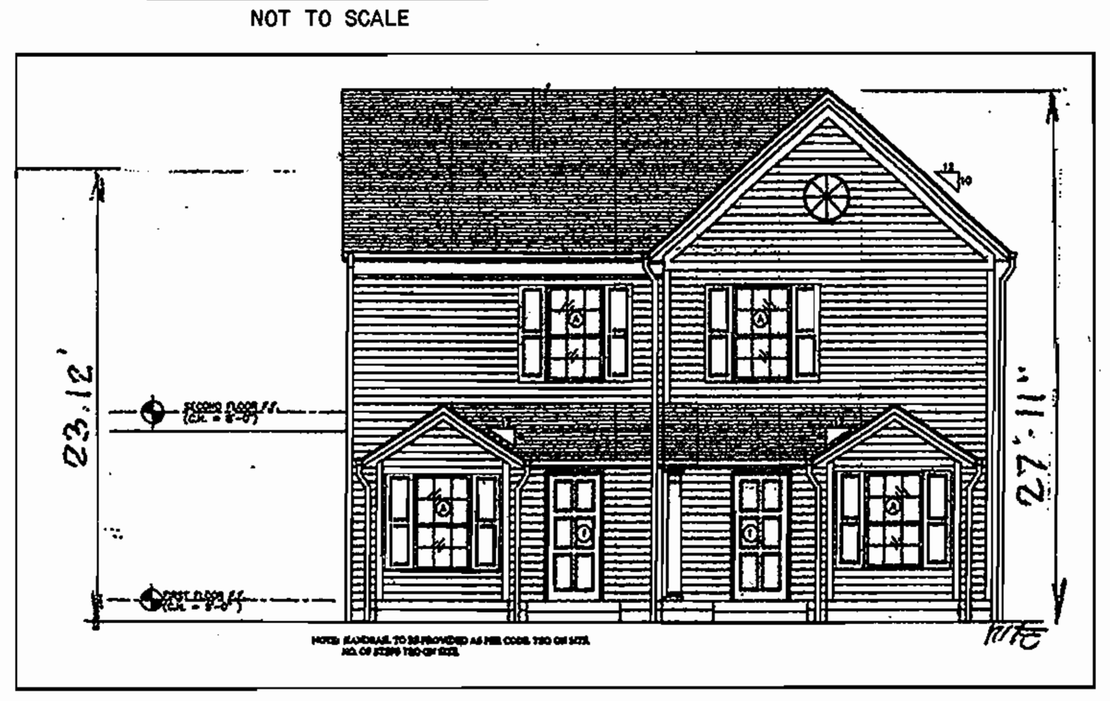


TYPICAL RAIN GARDEN - PLAN

SCALE : 1" = 5'



PLAN : SCALE : 1" = 30'



FRONT ELEVATION

NOT TO SCALE

SHC INVERT @ STRUCTURE		
UNIT #	ELEVATION ★	M.C.E.
601	108.76	112.66
600	108.76	112.66
599	112.10	116.00
598	112.10	116.00
597	115.57	119.47
596	115.57	119.47

★ AT RIGHT OF WAY LINE

LANDSCAPE CERTIFICATE

"I/We certify that the landscaping shown on this plan will be done according to the plan, Section 16.124 of the Howard County Code and the Howard County Landscape Manual. I/We further certify that upon completion, a letter of Landscape installation, accompanied by an executed one (1) year guarantee of plant materials will be submitted to the Department of Planning and Zoning.

Developer's Name (signature) — Date 7.11.06

APPROVED : DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE 8/31/06
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE 8/31/06
DIRECTOR	DATE 8/31/06

PREPARED BY :
LAND DEVELOPMENT CONSULTANTS
9417 ASHLYN CIRCLE
OWINGS MILLS, MD.
PHONE/FAX: 410-356-0625
Jill Lehman, PE
Chesapeake Engineering, LLC
5050 Roop Road
Mount Airy, MD 21771
(410) 812-4911
(410) 635-6204 (fax)

SURVEYOR:
JOHN C. MELLEMA SR., INC.
5409 EAST DRIVE
BALTIMORE, MD 21227
PHONE: 410-247-7488
FAX: 410-247-2507

OWNER/DEVELOPER :
HOMEWOOD BUILDERS
4617 EAST LIESURE COURT
ELLICOTT CITY, MD 21043
PHONE: 443-324-4498
FAX: 410-579-8028
CONTACT: JOHN BECK OR MICHAEL BEAN

REVISIONS

NO.	DATE	DESCRIPTION
1	6-6-08	REVISE GRADING 596 & 597, ADD REV. BLOCK
2	1-13-09	REVISE GRADING 598-601 TO MATCH AS-BUILT CONDITIONS.

ADDRESS CHART	
LOTS / PARCEL #	STREET ADDRESS
596	6416 BEECHFIELD AVE.
597	6418 BEECHFIELD AVE.
598	6422 BEECHFIELD AVE.
599	6424 BEECHFIELD AVE.
600	6428 BEECHFIELD AVE.
601	6430 BEECHFIELD AVE.
602	6432 BEECHFIELD AVE.

PERMIT CHART

SUBDIVISION NAME			SECTION/AREA	LOT/PARCEL NO.	
HARWOOD PARK				596 - 602	
PLAT # OR L/F	GRID #	ZONING	TAX MAP NO.	ELEC. DISTR.	CENSUS TRACT
C.M.P. 5300 (PLAT No. 18503)	13 & 19	R-12	38	01	6012.02
WATER CODE			SEWER CODE		
A0-1			2152209		

SHEET INDEX	
SHEET No.	SHEET
1	SITE DEVELOPMENT PLAN & STREET TREE PLANTINGS
2	SEDIMENT CONTROL PLAN & DETAILS
3	DRAINAGE AREA MAP

SITE DEVELOPMENT PLAN & STREET TREE PLANTINGS

LOTS 596 THRU O.S. LOT 602
PLAT OF HARWOOD PARK
PLAT C.M.P. NO. 5300
HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: FEB. 22, 2006

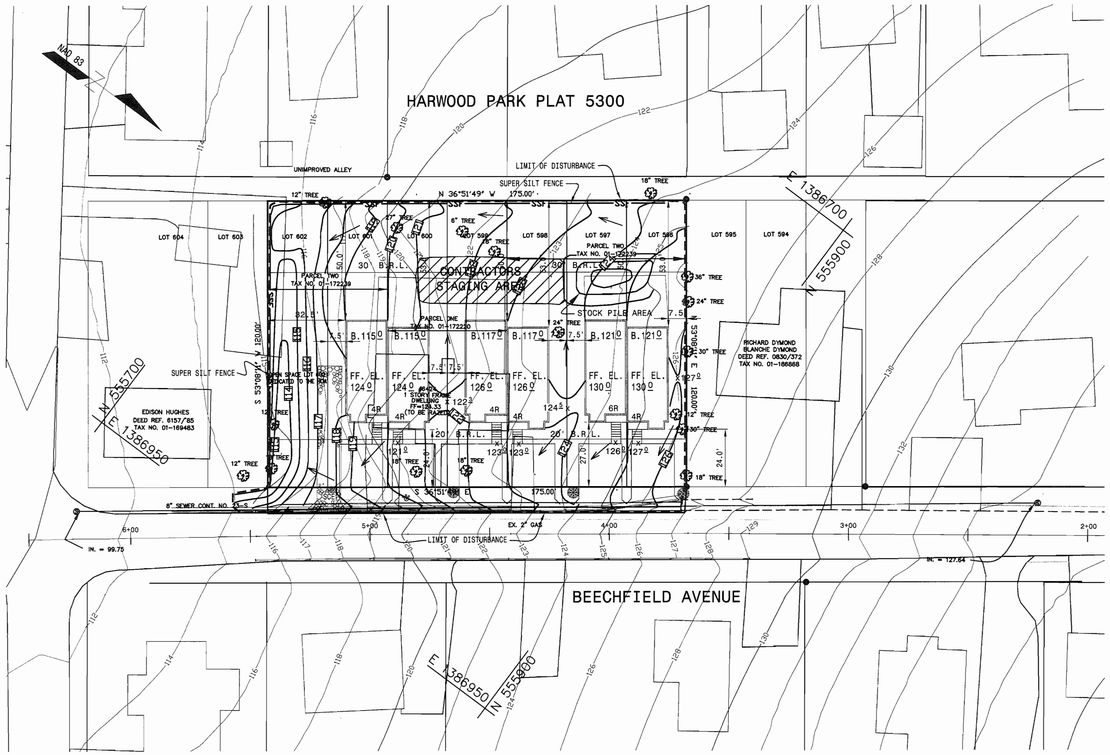
PLAT No. 18503

SDP-05-122

SDP-05-122

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT
2. NOTIFY "MISS UTILITY" AT LEAST 48 HOURS BEFORE BEGINNING ANY WORK AT 1-800-257-7777. NOTIFY HOWARD COUNTY OFFICE OF CONSTRUCTION/INSPECTION AT 410-313-1330 24 HOURS BEFORE STARTING WORK.
3. INSTALL STABILIZATION CONSTRUCTION ENTRANCE, SILT FENCE AND SUPER SILT FENCE. - 4 DAYS
4. CLEAR & GRUB SITE - 2 DAYS
5. GRADE SITE TO PROPOSED GRADE - 3 DAYS
6. CONSTRUCT THE HOUSES - 60 DAYS
7. INSTALL WATER & SEWER HOUSE CONNECTIONS - 2 DAYS
8. INSTALL BURB & GUTTER.
9. CONSTRUCT DRY WELLS - 4 DAYS
10. STABILIZE ALL DISTURBED AREAS WITH PERMANENT SEEDING - 2 DAYS
11. WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR REMOVE ALL SEDIMENT & EROSION CONTROL MEASURES - 5 DAYS



SEDIMENT CONTROL PLAN :

SCALE : 1" =30'

STANDARD SEDIMENT CONTROL NOTES

1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permit, Sediment Control Division prior to the start of any construction (313-1855).

2. All vegetative and structural practice are to be installed according to the provisions of this plan and are to be conformance with the most current MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL and revisions thereto.

3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.

4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12 of the Howard County Design Manual, Storm Drainage.

5. All disturbed areas must be fenced within the time period specified above in accordance with 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (sec. 51), sod (sec. 54), temporary seeding (sec. 50) and mulching (sec. 52). Temporary stabilization with mulch alone can be done only when recommended seeding dates do not allow for proper germination and establishment of grasses.

6. All sediment control structures are 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 Inspector.

7. Site Analysis :

Total Area of Site	0.48 ..... Acres
Area Disturbed	0.48 ..... Acres
Area to be roofed or paved	0.19 ..... Acres
Area to be vegetatively stabilized	0.19 ..... Acres
Total Cut	550 ..... Cu. Yds.
Total Fill	200 ..... Cu. Yds.
Offsite waste/borrow area location :	ONSITE *

* CONTRACTOR SHALL DISPOSE WASTE ON A SITE WITH AN ACTIVE GRADING PERMIT.

8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.

9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.

10. 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.

11. Trenches for the construction of utilities is limited to three pipe length or that which should be back-filled and stabilized by the end of each work day, whichever is shorter.

PERMANENT SEEDING NOTES

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

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

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

1. Preferred -- Apply 2 tons/acre dolomitic limestone (92 bls/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 ureaform fertilizer (9 lbs/1000 sq. ft.)

2. Acceptable -- Apply 2 tons/acre dolomitic limestone (92 bls/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.

Seeding -- For the periods March 1 -- April 30, and August 1 -- October 15, seed with 60 lbs/acre (1.4 lbs/sq. ft.) of Kentucky 31 Tall Fescue. For the perion May 1 -- July 31, seed with 60lbs Kentucky 31 tall Fescue per acre and 2 lbs/acre (.05 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 sod. Option 3 -- Seer : with 60 lbs/acre Kentucky 30 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 rooted 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 slope 8 feet 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 redisturbed where a short-term vegetative cover is needed.

Seedbed Preparation :-- Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, unless previously loosened.

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

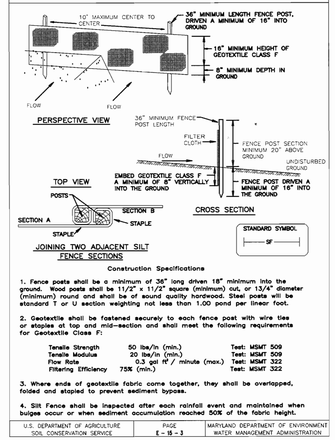
Seeding:-- For periods March 1 -- April 30 and from August 15 -- October 15, seed with 2 1/2 bushel per acre of annual rye (3.2 lbs/1000 sq. ft.) for the period May 1 -- August 14, seed with 3 lbs/acre of weeping lovegrass (.07lbs/1000 sq. ft.).
For the period November 16 -- Februrary 28, protect site by applying 2 tons/acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching:-- Apply 1-1/2 to 2 tons/acre (70 to 90 lbs/1000 sq. ft.) of unrotted weed free, small grain straw immediately after seeding. anchor mulch immediately after application using mulch anchoring tool or 218 gal 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 rate and methods not covered.

"super"

DETAIL 22 – SILT FENCE



Construction Specifications

1. Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 11/2" x 11/2" square (minimum) cut, or 13/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighting not less than 1.00 pond per linear foot.

2. Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

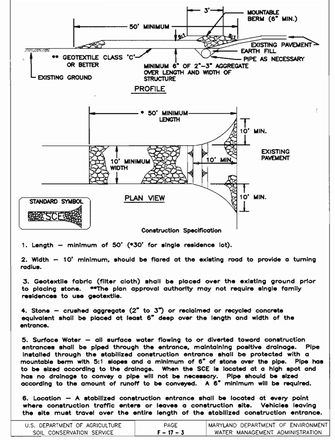
Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal ft² / minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

3. Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.

4. Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE F - 15 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL 24 – STABILIZED CONSTRUCTION ENTRANCE



Construction Specification

1. Length – minimum of 50' (*30' for single residence lot).

2. Width – 10' minimum, should be flared at the existing road to provide a turning radius.

3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. **The plan approval authority may not require single family residences to use geotextile.

4. Stone – crushed aggregate (2" to 3") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.

5. Surface Water – all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.

6. Location – A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE	PAGE F - 17 - 3	MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

Reviewed for Howard SCD and meets Technical Requirements

Tim Meyer — 7/20/06
USDA - Natural Resources Conservation Service — Date

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

John C Robertson — 7/20/06
Howard SCD — Date

ENGINEER'S CERTIFICATE

"I certify this plan for sediment and erosion control represent 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 Conservation District."

Jill M. Lehman — 7/6/06
Signature of Engineer (Print name below signature) — Date
JILL M LEHMAN

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 Certificate of Attendance at a Department of the Environmental 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."

MICHAEL W BEAN — 7-11-06
Signature of Developer (print name below signature) — Date

STATE OF MARYLAND — JILL M. LEHMAN — No. 24733 — PROFESSIONAL ENGINEER

APPROVED : DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE 7/31/06
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE 8/21/06
DIRECTOR	DATE 8/21/06

PREPARED BY :
LAND DEVELOPMENT CONSULTANTS
9417 ASHLYN CIRCLE
OWINGS MILLS, MD.
PHONE/FAX: 410-356-0625
Jill Lehman, PE
Chesapeake Engineering, LLC
5050 Roop Road
Mount Airy, MD 21771
(410) 812-4911
(410) 635-6204 (fax)

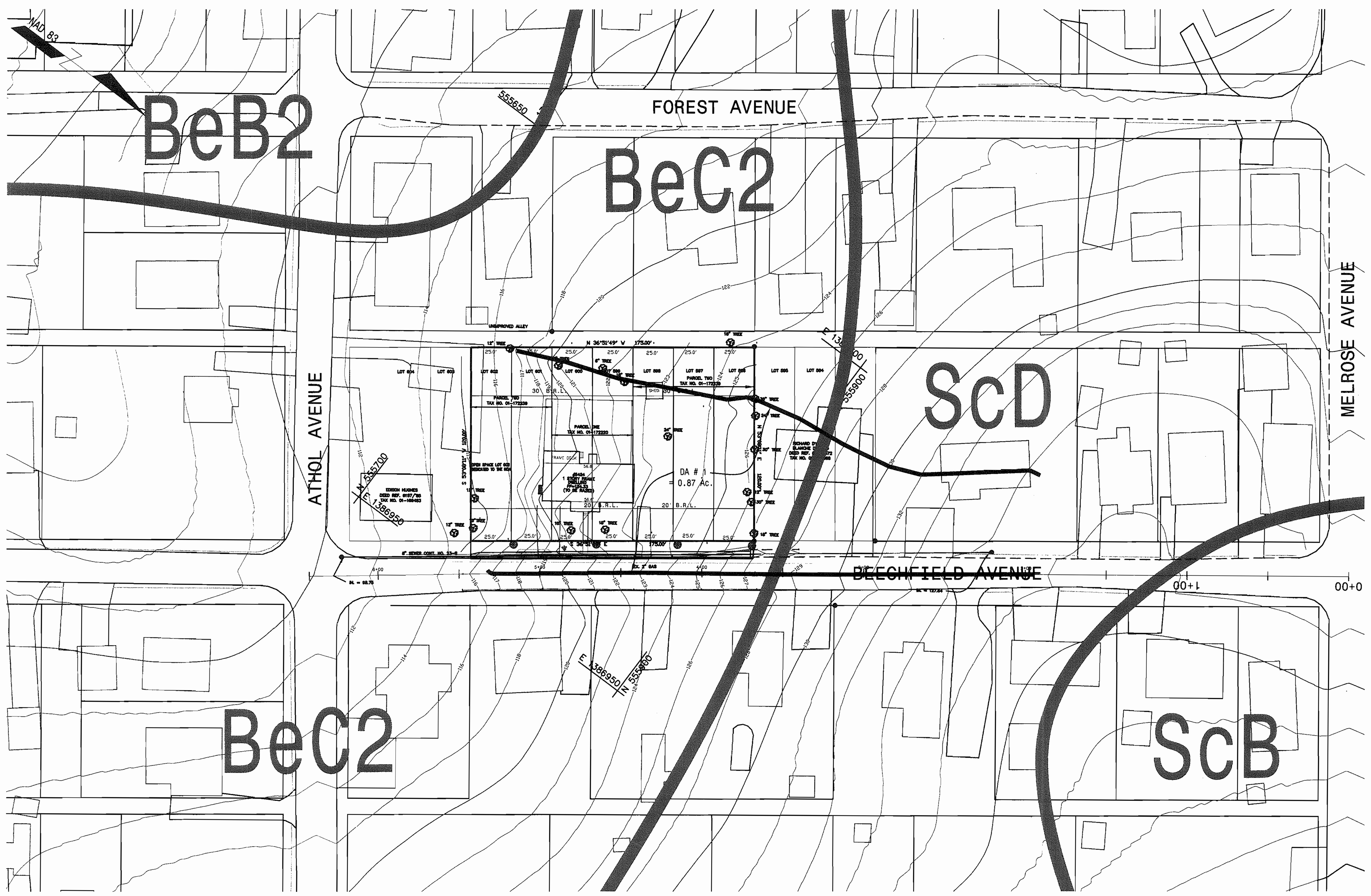
SURVEYOR:
JOHN C. MELLEMA SR., INC.
5409 EAST DRIVE
BALTIMORE, MD 21227
PHONE: 410-247-7488
FAX: 410-247-2507

OWNER/DEVELOPER :
HOMEWOOD BUILDERS
4617 EAST LIESURE COURT
ELLICOTT CITY, MD 21043
PHONE: 443-324-4498
FAX: 410-579-8028
CONTACT: JOHN BECK OR MICHAEL BEAN

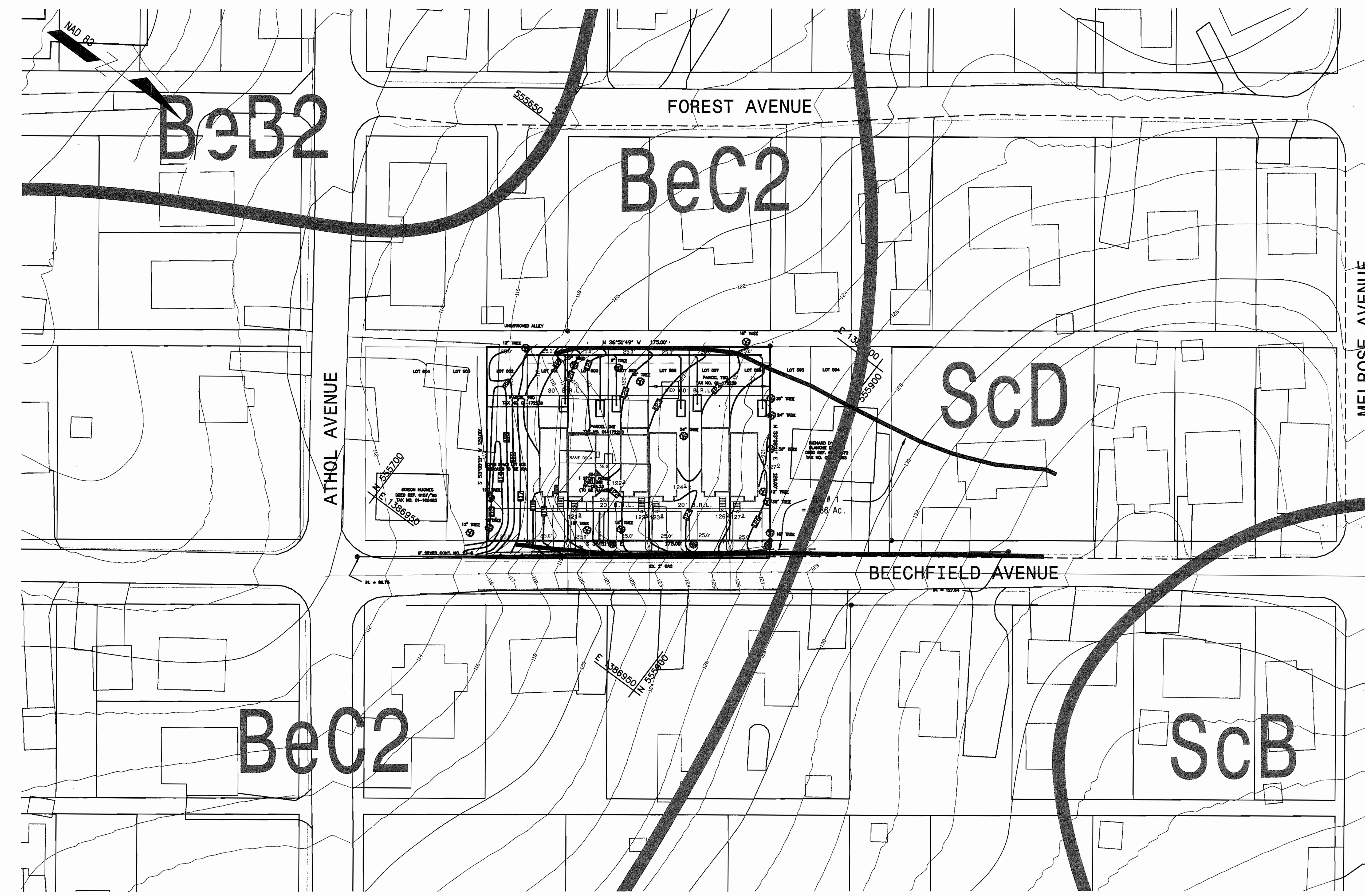
SEDIMENT CONTROL PLAN & DETAILS

LOTS 596 THRU O.S. LOT 602
PLAT OF HARWOOD PARK
PLAT C.M.P. NO. 5300
HOWARD COUNTY, MARYLAND
SCALE: 1"=30' DATE: FEB. 22, 2006

SDP-05-122
SHEET 2 OF 3

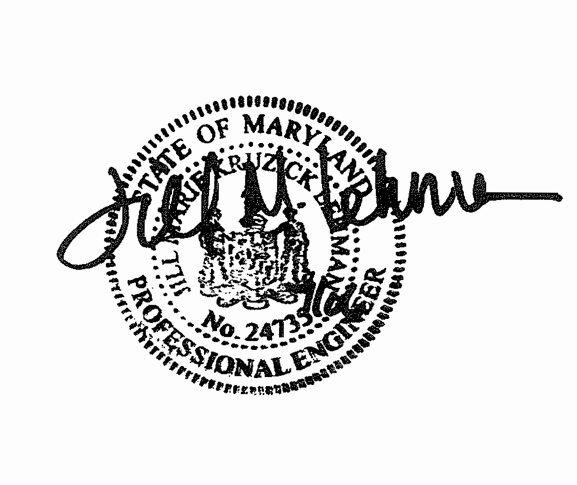


EXISTING CONDITION
DRAINAGE AREA MAP : SCALE : 1" = 50'



PROPOSED CONDITION
DRAINAGE AREA MAP : SCALE : 1" = 50'

SITE ANALYSIS :
A. TOTAL PROJECT AREA = 21,000 S.F./0.48 Ac.±
B. AREA OF PLAN SUBMISSION = 0.48 Ac.±
C. LIMITS OF DISTURBED AREA = 0.48 Ac.±
D. PRESENT ZONING DESIGNATION = R-12
E. PROPOSED USE FOR THIS SITE AND STRUCTURES = S.F.A.
F. TOTAL NO. OF UNITS ALLOWED AS SHOWN ON FINAL PLAT = 6
G. TOTAL NO. OF UNITS PROPOSED ON SUBMISSION = 6



APPROVED : DEPARTMENT OF PLANNING AND ZONING	
CHIEF, DEVELOPMENT ENGINEERING DIVISION	DATE 8/30/06
CHIEF, DIVISION OF LAND DEVELOPMENT	DATE 8/31/06
DIRECTOR	DATE 8/31/06

PREPARED BY :
LAND DEVELOPMENT CONSULTANTS
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SURVEYOR:
JOHN C. MELLEMA SR., INC.
5409 EAST DRIVE
BALTIMORE, MD 21227
PHONE: 410-247-7488
FAX: 410-247-2507

OWNER/DEVELOPER :
HOMEWOOD BUILDERS
4617 EAST LIESURE COURT
ELLICOTT CITY, MD 21043
PHONE: 443-324-4498
FAX: 410-579-8028
CONTACT: JOHN BECK OR MICHAEL BEAN

DRAINAGE AREA MAP

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