

MATERIAL	SPECIFICATION	SIZE	NOTES:
PLANTINGS	SEE APPENDIX A TABLE	N/A	PLANTINGS ARE SITE SPECIFIC
PLANTING SOIL (2.5' TO 4.0' DEEP)	SAND: 30-60% SILT: 30-50% CLAY: 0-25%	N/A	USDA SOIL TYPES: LOAMY SAND, SANDY LOAM OR LOAM
MULCH	SHREDED HARDWOOD	N/A	AGED 6 MONTHS, MINIMUM
GEOTEXTILE (GRADE 5)	APPROVED OPENING SIZE: (ASTM D-4751) TENSILE STRENGTH: (ASTM D-4751) PUNCTURE RESISTANCE: (ASTM D-4751)	N/A	FOR USE AS NECESSARY BENEATH UNDERDRAINS ONLY
UNDERDRAIN GRAVEL	ASHTO M-43	0.375" TO 0.750"	1/2" PERIF. @ 6" OC, 4 INCHES PER ROW, MINIMUM OF 3" OF GRAVEL OVER PIPES, NOT NECESSARY UNDERNEATH PIPES
UNDERDRAIN PIPING	7/8" TYPE P228 OR ASHTO M-219	4" TO 6" ROAD SCHEDULE	3/8" PERIF. @ 6" OC, 4 INCHES PER ROW, MINIMUM OF 3" OF GRAVEL OVER PIPES, NOT NECESSARY UNDERNEATH PIPES

OPERATION & MAINTENANCE SCHEDULE FOR RAIN GARDENS

- ANNUAL MAINTENANCE OF PLANT MATERIAL AND MULCH LAYER IS REQUIRED. MAINTENANCE OF MULCH IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH-OUT. ANY REPLACEMENT OF MULCH SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE & INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL & PRUNING.
- SCHEDULE OF PLANT INSPECTION WILL BE TWICE A YEAR IN THE SPRING AND FALL. THIS INSPECTION WILL INCLUDE: REMOVAL OF DEAD & DISEASED VEGETATION CONSIDERED BEYOND TREATMENT; TREATMENT OF ALL DISEASED TREES & SHRUBS; AND REPLACEMENT OF ALL DEFICIENT STAKES & WIRES.
- MULCH SHALL BE INSPECTED EACH SPRING. REMOVE THE 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

RAIN GARDEN - PLANTING DATA

- PLANTINGS WITHIN THE PONDING AREA OF THE RAIN GARDEN ARE TO BE OF A MEDIUM TO HIGH WATER TOLERANCE.
SUGGESTED SPECIES:
CREEPING BUGLEWEED (AJUGA REPTANS)
COMMON PERIWINKLE (VINCA MINOR)
LILY-TURF (LIRIOPE SP.)
- PLANTINGS ALONG THE PERIMETER (BERM) AREA OF THE RAIN GARDEN ARE TO BE OF A LOW TO MEDIUM WATER TOLERANCE.
SUGGESTED SPECIES (PERENNIALS/ANNUALS):
IRIS (IRIS VERSICOLOR)
DAYLILY (HEMEROCALLIS SP.)
WHITE GLORY (ASTILE SP.)
- AVOID PLANTINGS WITH EXCESSIVE ROOT MASS IN PONDING AREA OF THE RAIN GARDEN NEAR O.B. PIPE AND UNDERDRAIN.

RAIN GARDEN - PLANTING SCHEDULE

NO.	DESCRIPTION	AMOUNT
1	VINCA MINOR (COMMON PERIWINKLE)	16
2	AJUGA REPTANS (CREEPING BUGLEWEED)	15
3	IRIS VERSICOLOR (IRIS)	8
4	HEMEROCALLIS SP (DAYLILY)	5
5	ACEP RUBRUM (RED MAPLE)	1

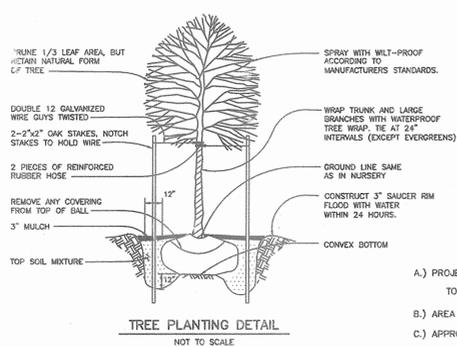
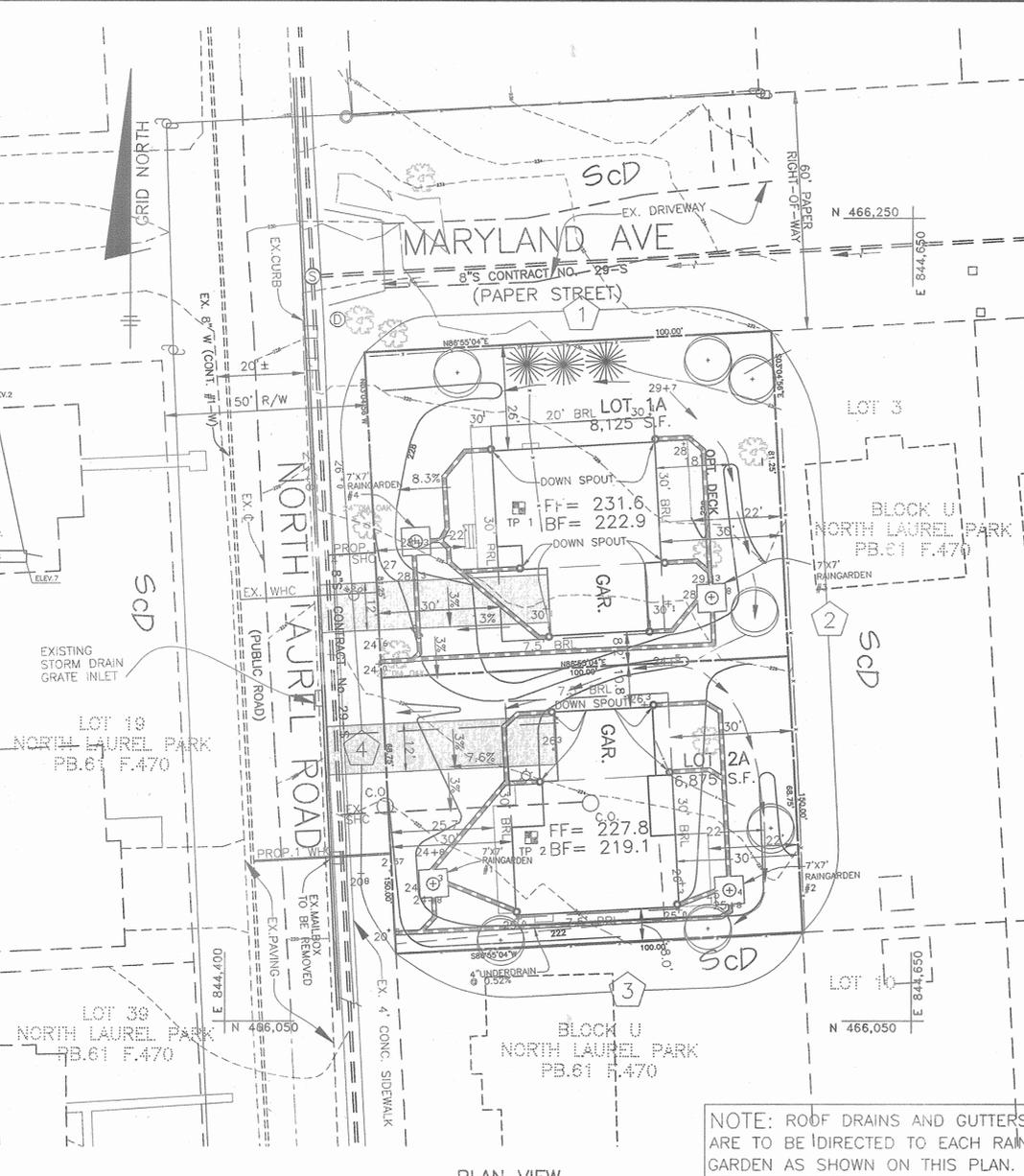
SHEET INDEX	
NO.	DESCRIPTION
1	SITE DEVELOPMENT AND LANDSCAPE PLAN
2	SEDIMENT AND EROSION CONTROL NOTES AND DETAILS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 2/14/06
CHIEF, DEVELOPMENT ENGINEERING DIVISION

[Signature] 2/15/06
CHIEF, DIVISION OF LAND DEVELOPMENT

[Signature] 2/16/06
DIRECTOR



TREE PLANTING DETAIL
NOT TO SCALE

SITE ANALYSIS DATA CHART

A.) PROJECT AREA	LOT 1A- 8,125 S.F.
	LOT 2A- 6,875 S.F.
	TOTAL PROJECT AREA 15,000 S.F.
B.) AREA OF THIS PLAN SUBMISSION	SAME AS ABOVE
C.) APPROXIMATE LIMIT OF DISTURBANCE	29 ACRES
D.) PRESENT ZONING:	R-SC RESIDENTIAL SINGLE FAMILY DETACHED UNIT
E.) PROPOSED USE OF SITE:	N/A
F.) FLOOR SPACE PER LOT	N/A
G.) TOTAL NUMBER OF UNITS ALLOWED AS SHOWN ON FINAL PLAT(S)	2
H.) TOTAL NUMBER OF UNITS PROPOSED	2
I.) APPLICABLE DPZ FILE REFERENCES:	NA
J.) DEED REFERENCE:	LIBER 0096 FOLIO 342
K.) PROPOSED WATER AND SEWER SYSTEMS:	X PUBLIC PRIVATE

SOILS LEGEND	
MAP SYMBOL	SOIL GROUP
ScD	C SANDY AND CLAYEY LAND, MODERATELY SLOPING

* INDICATES HYDRIC SOILS
TAKEN FROM SOIL SURVEY, HOWARD COUNTY MARYLAND (ISSUED JULY 1968) MAP NO. 31

RAINGARDEN

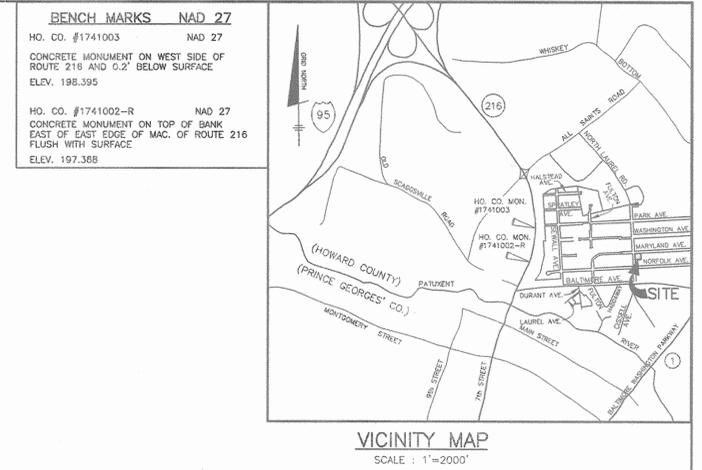
LOT	RG 3	RG 4
ELEV. 1	229.34	228.30
ELEV. 2	229.34	228.30
ELEV. 3	228.84	227.80
ELEV. 4	228.67	227.63
ELEV. 5	226.17	225.13
ELEV. 6	225.34	224.30
ELEV. 7	223.99	223.99

LOT	RG 1	RG 2
ELEV. 1	224.80	225.90
ELEV. 2	224.80	225.90
ELEV. 3	224.30	225.40
ELEV. 4	224.13	225.23
ELEV. 5	221.63	222.73
ELEV. 6	220.80	221.90
ELEV. 7	220.50	220.50

SCHEDULE A PERIMETER LANDSCAPE EDGE				
CATEGORY	ADJACENT TO PERIMETER PROPERTIES	ADJACENT TO ROADWAYS	TOTAL	
PERIMETER	P-2	P-3	P-1	P-4
LANDSCAPE TYPE	A	B	C	D
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	150'L.F.	100'L.F.	100'L.F.	150'L.F.
CREDIT FOR EXISTING VEGETATION (NO OR YES (w/LINEAR FEET))	NO	NO	NO	N/A
CREDIT FOR WALL/FENCE OR BERM (NO OR YES (w/LINEAR FEET))	NO	NO	NO	N/A
NUMBER OF PLANTS REQUIRED:	3	2	2	7
SHADE TREES	0	0	3	N/A
EVERGREEN TREES	3	2	2	N/A
NUMBER OF PLANTS PROVIDED:	3	2	2	7
SHADE TREES	0	0	3	N/A
EVERGREEN TREES	3	2	2	N/A

LANDSCAPE PLANTING LIST			
SYMBOL	QUANTITY	NAME	REMARKS
☉	7	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY RED MAPLE	2 1/2"-3" CAL
☀	3	PINUS STROBUS EASTERN WHITE PINE	5'-6" HT

PERMIT INFORMATION CHART				
SUBDIVISION NAME:	SECTION/AREA:	LOT/PARCEL #	TAX MAP	ELECTION DISTRICT
NORTH LAUREL PARK	BLOCK U	LOTS 1A & 2A	50	6th
PLAT No. 17565	GRID No. 3	ZONE R-SC	SEWER CODE 7141500	CENSUS TRACT 6069.03
WATER CODE C-05				



- GENERAL NOTES**
- THE SUBJECT PROPERTY IS ZONED R-SC PER THE 2-2-04 COMPREHENSIVE ZONING PLAN.
 - THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS CONSTRUCTION INSPECTION DIVISION AT (410)313-1880 AT LEAST FIVE(5) WORKING DAYS PRIOR TO THE START OF WORK.
 - THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-287-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
 - EXISTING TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY BENCHMARK ENGINEERING INC., INC. DATED APRIL, 2005. CONTOUR INTERVAL IS 2 FEET.
 - HORIZONTAL AND VERTICAL DATUM ARE NAD '27 - HO. CO. MONUMENTS 1741003 and 1741002-R.
 - EXISTING UTILITIES SHOWN HAVE BEEN TAKEN FROM CONTRACT DRAWINGS # 1-W AND 29-S AND FIELD SURVEY LOCATIONS. IF NECESSARY, CONTRACTOR SHALL ADJUST ANY OR ALL STRUCTURE TOP ELEVATIONS TO MATCH SDP GRADES.
 - *STORMWATER MANAGEMENT IS PROVIDED BY THE USE OF RETROFIT DISCONNECTION AND GRASS CHANNEL CREDIT IN ACCORDANCE WITH THE DESIGN PROVIDED UNDER
 - THERE ARE NO WETLANDS, WETLAND BUFFERS, STREAMS, STREAM JOINTS, STEEP SLOPES OR 100-YEAR FLOODPLAIN LOCATED WITHIN THE LIMIT OF SUBDIVISION.
 - IN ACCORDANCE WITH SECTION 129 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 18 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 SETBACK.
 - PREVIOUS HOWARD COUNTY FILE NUMBERS: F-05-181
 - THE STAKING OF FOUNDATIONS PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH REGULATORY BUILDING RESTRICTION LINES IS RECOMMENDED.
 - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE BUILDERS EXPENSE.
 - BRL INDICATES BUILDING RESTRICTION LINE.
 - FOR DRIVEWAY ENTRANCE DETAIL SEE HOWARD COUNTY STANDARD DETAIL R-8-01.
 - DRIVEWAY SLOPES SHOWN ARE AVERAGE, THE SLOPE AT THE OUTSIDE EDGES COULD BE FLATTER OR STEEPER DEPENDING ON GRADE OF ROADWAY.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A RESIDENTIAL OCCUPANCY PERMIT FOR ANY NEW DWELLING TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12' (14' SERVING MORE THAN ONE RESIDENCE);
 - SURFACE - 6" OF COMPACT CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN);
 - GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM 40' TURNING RADIUS;
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING);
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY;
 - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
 - THIS PLAN IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003 AND THE ZONING REGULATIONS AS AMENDED UNDER COUNCIL BILL #78-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF SITE DEVELOPMENT PLAN, VARIATION PETITION APPLICATION, OR BUILDING /GRADE PERMIT.
 - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
 - THIS SITE DEVELOPMENT PLAN IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BECAUSE THE DEVELOPMENT OF THE NORTH LAUREL PARK HAS PRELIMINARY SUBDIVISION PLAN APPROVAL PRIOR TO DECEMBER 31, 1992.
 - PERIMETER LANDSCAPING IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL IN ACCORDANCE WITH THIS PLAN. POSTING OF SURETY IN THE AMOUNT OF \$250.00 FOR 7 SHADE TREES AND 3 EVERGREEN TREES SHALL BE POSTED WITH THE SIGN DEVELOPER AGREEMENT FOR THE PROPOSED RAIN GARDEN(S).
 - THE STAKING OF FOUNDATIONS PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH REGULATORY BUILDING RESTRICTION LINES IS RECOMMENDED.

NO.	DATE	REVISION

BENCHMARK ENGINEERS & LAND SURVEYORS & PLANNERS

8480 BALTIMORE NATIONAL PIKE # SUITE 418
ELLCOTT CITY, MARYLAND 21043
PHONE: 410-465-6105 FAX: 410-465-6644
www.bei-civilengineering.com

Donall Moran 1/18/06

OWNER:	HORIZON UNLIMITED, HOMEBUILDERS, LLC 7387 WASHINGTON BLVD., SUITE 104 ELKRIDGE, MARYLAND 21075 410-796-1333
PROJECT:	NORTH LAUREL PARK BLOCK U LOTS 1A AND 2A
LOCATION:	TAX MAP: 50, GRID: 3 PARCEL: 426 6th. ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE:	SITE DEVELOPMENT PLAN (SINGLE FAMILY DWELLING)
DATE:	NOVEMBER, 2005 DECEMBER, 2005
PROJECT NO.	1848
SCALE:	AS SHOWN
SHEET	1 OF 2

SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTION, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION. (313-1850).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN COMPLIANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION IS COMPLETED WITHIN 7 CONSECUTIVE DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES GREATER THAN 3:1, 5:1 OR 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- 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.
- 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, PERMANENT SEEDINGS (SEC. 31) SOD (SEC. 34), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- 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.
- SITE ANALYSIS:

TOTAL AREA OF SITE (THIS SUBMISSION)	0.35	ACRES
AREA DISTURBED	0.33	ACRES
AREA TO BE ROOFED OR PAVED	0.14	ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.14	ACRES
TOTAL CUT		CY
TOTAL FILL		CY
OFFSITE WASTE/BORROW AREA LOCATION		*

PERMANENT SEEDBED PREPARATIONS

- SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: IN USE OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:
- PREFERED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.
 - ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.
- SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30 AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.6 LBS/1000 SQ FT) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROTECT SITE BY OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOIL OPTION (3) SEED WITH 60 LBS PER ACRE OF KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW.
- MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 80 LBS/1000 SQ FT) OF UNROTTED SMALL GRASS 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 OR SLOPES 6 FT OR HIGHER. USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.
- MAINTENANCE: INSPECT ALL SEEDBED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

TEMPORARY SEEDBED PREPARATIONS

- 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, IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).
- SEEDING: FOR PERIOD MARCH 1 THROUGH APRIL 30 AND FROM AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 2-1/2 BUSHELS PER ACRE OF ANNUAL RYE (2 LBS/1000 SQ FT) FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.7 LBS/1000 SQ FT) FOR THE PERIOD NOVEMBER 16 THROUGH FEBRUARY 28. PROTECT SITE BY APPLYING 2 TONS PER 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 PER ACRE (70 TO 80 LBS/1000 SQ FT) OF UNROTTED SMALL GRASS 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 OR SLOPES 6 FT OR HIGHER. USE 348 GALLONS PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.
- REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

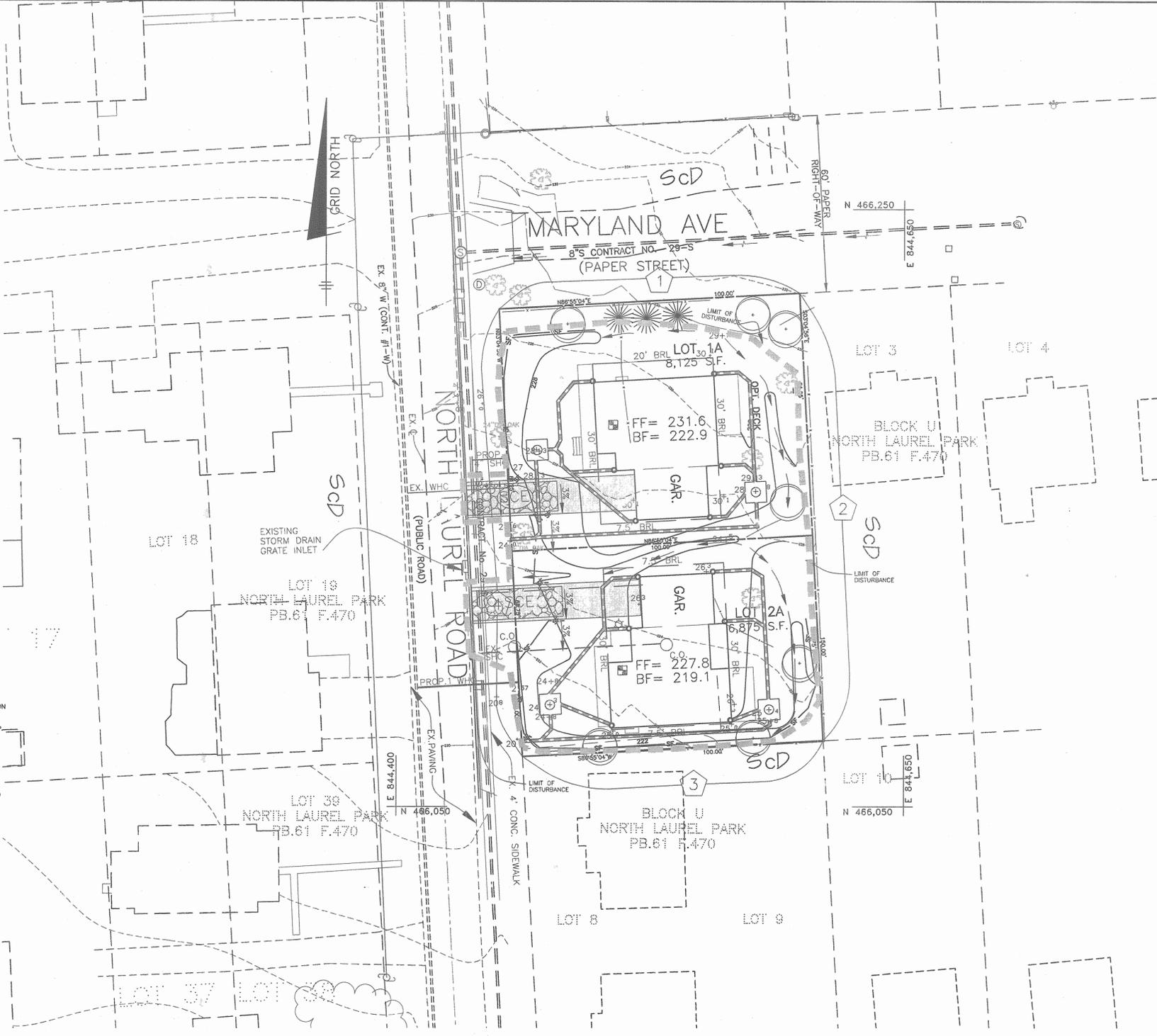
TOPSOIL SPECIFICATIONS

- Topsoil salvaged from the existing site may be used provided that it meets the standards set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile shown in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experiment Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
 - Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting texture subsoils and shall contain less than 1% by volume of cinders, stones, slag, coarse fragments, gravel, sticks, roots, trash, or other materials larger than 1-1/2" in diameter.
 - Topsoil must be free of plants or plant parts such as Bermuda grass, quack grass, Johnson grass, nutgrass, poison ivy, thistle, or others as specified.
 - Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
- For sites having disturbed areas under 5 acres:
 - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.
- For sites having disturbed areas over 5 acres:
 - On soil meeting Topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
 - pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be prescribed to raise the pH to 6.5 or higher.
 - Organic content of topsoil shall be not less than 1.5 percent by weight.
 - Topsoil having soluble salt content greater than 500 parts per million shall not be used.
 - No sand or silt shall be placed on soil which has been treated with soil sterilants or chemicals used for weed control until sufficient time has elapsed (14 days min.) to permit dissipation of phytotoxic materials.
 - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.

- Alternative for Permanent Seeding - Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:
 - Composted Sludge Material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:
 - Composted sludge shall be applied by, or originate from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.04.06.
 - Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements, the appropriate constituents must be added to meet the requirements prior to use.
 - Composted sludge shall be applied at a rate of 1 ton/7,000 square feet.
 - Composted sludge shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet and 1/3 the normal lime application rate.
- References: Guidelines Specifications, Soil Preparation and Seeding, MD-VA, Pub. #1, Cooperative Extension Service, University of Maryland and Virginia Polytechnic Institute, Revised 1973.

SEQUENCE OF CONSTRUCTION

- NOTIFY SEDIMENT CONTROL DIVISION 48 HOURS PRIOR TO START OF CONSTRUCTION
- DAY 1 1.) OBTAIN GRADING PERMIT.
- DAY 2 2.) INSTALL SEDIMENT CONTROLS THAT ARE NOTED TO BE INSTALLED UNDER THIS SDP.
- DAY 3-4 3.) EXCAVATE FOR FOUNDATIONS, ROUGH GRADE AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDBED NOTES.
- DAY 5-30 4.) CONSTRUCT HOUSE, BACKFILL AND CONSTRUCT DRIVEWAY.
- DAY 31-32 5.) FINAL GRADE AND STABILIZE IN ACCORDANCE WITH PERMANENT SEEDBED NOTES AND FLUSH STORM DRAIN SYSTEM.
- DAY 33 6.) WITH THE APPROVAL OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE ANY REMAINING DISTURBED AREAS.
- NOTE: 1. SEDIMENT CONTROL LOCATION AND IMPLEMENTATION SHOWN ON THESE PLANS IS SUBJECT TO REVISION IN THE FIELD AT THE DISCRETION OF THE SEDIMENT CONTROL INSPECTOR.
2. EROSION CONTROL MATTING SHALL BE PLACED IN SWALES WHERE DEEMED NECESSARY UNTIL VEGETATION IS ESTABLISHED OR SOLID SOD SHOULD BE USED.



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 COUNTY CONSERVATION DISTRICT.

Donald A. Mason 1/13/06
 ENGINEER DONALD A. MASON, P.E. # 21443 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 FUNDING AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD COUNTY CONSERVATION DISTRICT.

Jim Meyer 2/16/06
 JIM MEYER, OWNER DATE

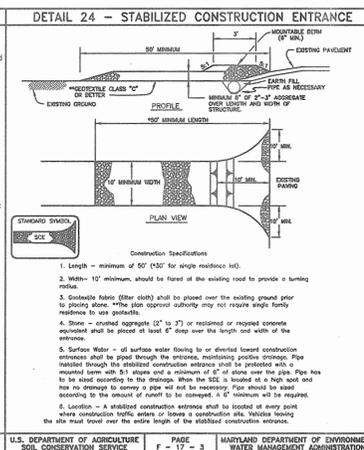
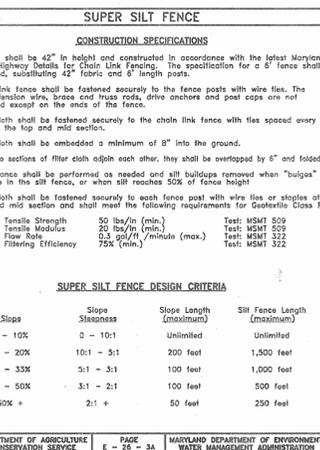
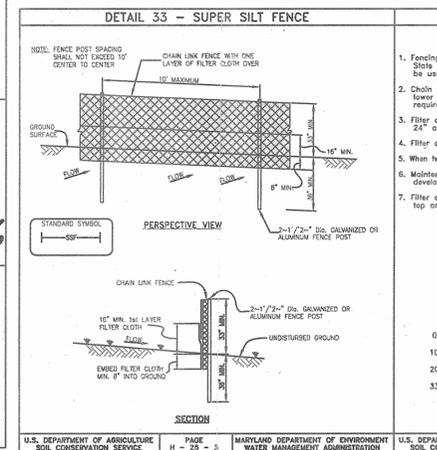
REVIEWED FOR HOWARD COUNTY AND MEETS TECHNICAL REQUIREMENTS

John K. Robertson 2/16/06
 JOHN K. ROBERTSON, CHIEF, DIVISION OF LAND DEVELOPMENT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chris H. Harnes 2/16/06
 CHIEF, DIVISION OF LAND DEVELOPMENT DATE

Dorinda H. Harnes 2/16/06
 DIRECTOR DATE



PLAN VIEW
SCALE: 1" = 20'

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE 3
 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION PAGE 25 - 3

BENCHMARK ENGINEERING, INC.
 ENGINEERS & LAND SURVEYORS & PLANNERS

8480 BALTIMORE NATIONAL PIKE & SUITE 418
 ELLICOTT CITY, MARYLAND 21103
 PHONE: 410-485-6105 FAX: 410-485-6644
 www.bel-civilengineering.com

OWNER: HORIZON UNLIMITED, HOMEBUILDERS, LLC
 7387 WASHINGTON BLVD, SUITE 104
 ELK RIDGE, MD 21075
 410-796-1333

PROJECT: NORTH LAUREL PARK BLOCK U, LOTS 1A AND 2A

LOCATION: TAX MAP: 50, GRID: 3 PARCEL: 426
 6th, ELECTION DISTRICT HOWARD COUNTY, MARYLAND

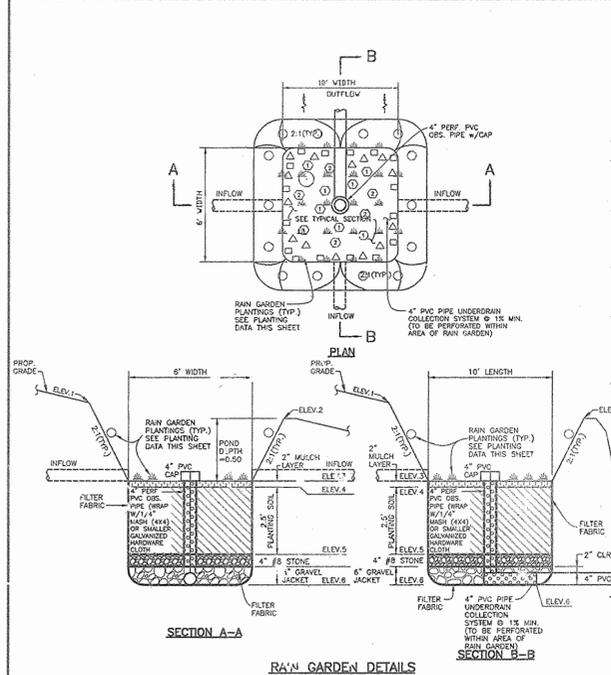
TITLE: GRADING AND SEDIMENT AND EROSION CONTROL PLAN (SINGLE FAMILY DWELLING)

DATE: NOVEMBER 2005 PROJECT NO. 1848
 DECEMBER, 2005

SCALE: AS SHOWN SHEET 2 OF 2

DESIGN: DAM DRAFT: EDD CHECK: DAM





MATERIAL	SPECIFICATION	SIZE	NOTES:
PLANTING SOIL	SEE APPENDIX A, TABLE A.4	N/A	PLANTINGS ARE SITE SPECIFIC
MULCH	SHREDED HARDWOOD	N/A	AGED 6 MONTHS, MINIMUM
UNDERDRAIN PIPING	ASHTO M-43	0.375" TO 0.750"	3/8" PERFS @ 6" O.C., 4 HOLES PER ROW, MINIMUM OF 3" OF GRAVEL OVER PIPES, NOT NECESSARY UNDERNEATH PIPES

OPERATION & MAINTENANCE SCHEDULE FOR RAIN GARDENS

- ANNUAL MAINTENANCE OF PLANT MATERIAL AND MULCH LAYER IS REQUIRED. MAINTENANCE OF MULCH IS LIMITED TO CORRECTING AREAS OF EROSION OR WASH-OUT. ANY REPLACEMENT OF MULCH SHALL BE DONE IN THE SPRING. PLANT MATERIAL SHALL BE CHECKED FOR DISEASE & INSECT INFESTATION AND MAINTENANCE WILL ADDRESS DEAD MATERIAL & PRUNING.
- SCHEDULE OF PLANT INSPECTION WILL BE TWICE A YEAR IN THE SPRING AND FALL. THIS INSPECTION WILL INCLUDE: REMOVAL OF DEAD & DISEASED VEGETATION CONSIDERED BEYOND TREATMENT; TREATMENT OF ALL DISEASED TREES & SHRUBS; AND REPLACEMENT OF ALL DEFICIENT STAKES & WIRKS.
- MULCH SHALL BE INSPECTED EACH SPRING. REMOVE THE 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.

RAIN GARDEN - PLANTING DATA

- PLANTINGS WITHIN THE PONDING AREA OF THE RAIN GARDEN ARE TO BE OF A MEDIUM TO HIGH WATER TOLERANCE. SUGGESTED SPECIES: CREEPING BUCLWEED (AJUGA REPTANS), COMMON PERIWINKLE (VINCA MINOR), LILY-TURTLE (LIRIOPE, SP.).
- PLANTINGS ALONG THE PERIMETER (BERM) AREA OF THE RAIN GARDEN ARE TO BE OF A LOW TO MEDIUM WATER TOLERANCE. SUGGESTED SPECIES: (PERENNIALS/ANNUALS) IRIS (IRIS VERSICOLOR), DAYLILY (HEMEROCALLIS SP.), WHITE FLORY (ASTILE SP.).
- AVOID PLANTINGS WITH EXCESSIVE ROOT MASS IN POND AREA OF THE RAIN GARDEN NEAR O.D. PIPE AND UNDERDRAIN.

RAIN GARDEN - PLANTING SCHEDULE

1	VINCA MINOR (COMMON PERIWINKLE)	16
1	AJUGA REPTANS (CREEPING BUCLWEED)	15
1	IRIS VERSICOLOR (IRIS)	8
2	HEMEROCALLIS SP. (DAYLILY)	5
1	ACEP RUBRUM (RED MAPLE)	1

SHEET INDEX

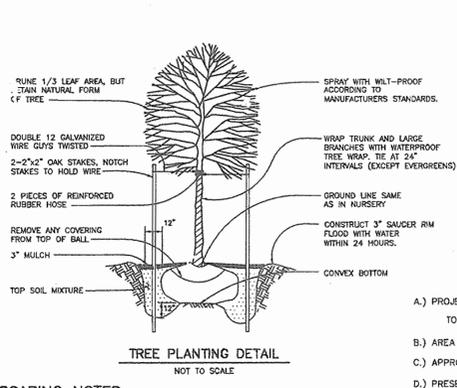
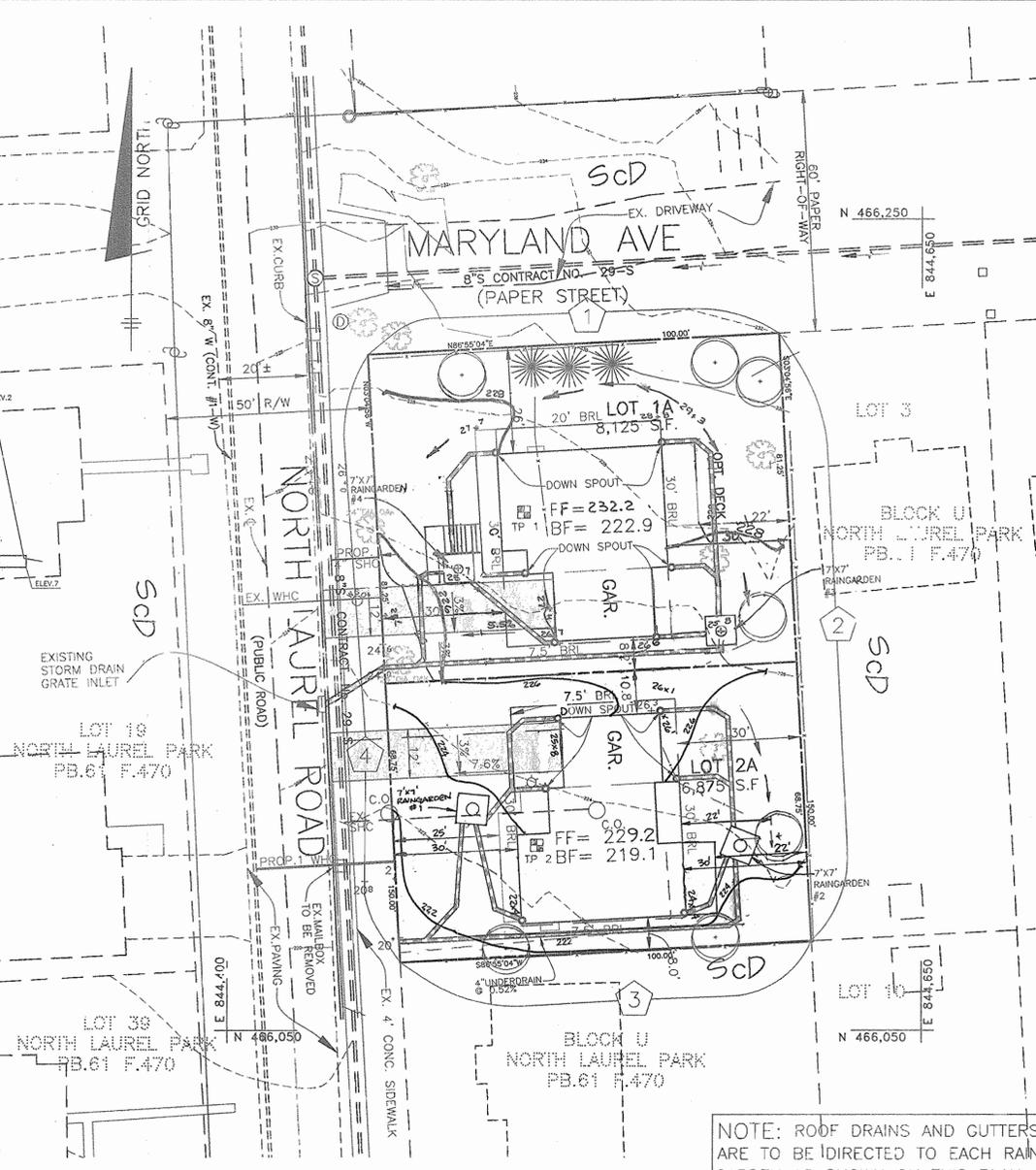
NO.	DESCRIPTION
1	SITE DEVELOPMENT AND LANDSCAPE PLAN
2	SEDIMENT AND EROSION CONTROL NOTES AND DETAILS

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION: *[Signature]* 2/14/06 DATE

CHIEF, DIVISION OF LAND DEVELOPMENT: *[Signature]* 2/15/06 DATE

DIRECTOR: *[Signature]* 2/16/06 DATE



LANDSCAPING NOTES

- PERIMETER LANDSCAPING SHALL BE PROVIDED BY THE PLANTINGS AS SHOWN ON THESE PLANS.
 - THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. I/FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF NOTICE, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, AND A COPY OF THIS PLAN WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
- DEVELOPER'S/BUSINESS CERTIFICATE
- I/FURTHER CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY SUBORDINATE AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF NOTICE, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, AND A COPY OF THIS PLAN WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.
- AT THE TIME OF INSTALLMENT, ALL SHRUBS AND OTHER PLANTINGS HEREWITH LISTED AND APPROVED FOR THIS SITE, SHALL BE OF THE PROPER HEIGHT REQUIREMENTS IN ACCORDANCE WITH THE HOWARD COUNTY LANDSCAPE MANUAL. IN ADDITION, NO SUBSTITUTIONS OR REDUCTIONS OF REQUIRED PLANTINGS MAY BE MADE WITHOUT PRIOR REVIEW AND APPROVAL FROM THE DEPARTMENT OF PLANNING AND ZONING. ANY DEVIATION FROM THIS APPROVED LANDSCAPE PLAN MAY RESULT IN DENIAL OR DELAY IN RELEASE OF LANDSCAPE SURETY UNTIL SUCH TIME AS ALL REQUIRED MATERIALS ARE PLANTED AND/OR REVISIONS ARE MADE TO APPLICABLE PLANS AND CERTIFICATES.

PLAN VIEW
SCALE: 1" = 20'

SITE ANALYSIS DATA CHART

- PROJECT AREA: LOT 1A - 8,125 S.F., LOT 2A - 6,875 S.F., TOTAL PROJECT AREA - 15,000 S.F.
- AREA OF THIS PLAN SUBMISSION: SAME AS ABOVE
- APPROXIMATE LIMIT OF DISTURBANCE: .29 ACRES
- PRESENT ZONING: R-SC RESIDENTIAL SINGLE FAMILY DETACHED UNIT
- PROPOSED USE OF SITE: SAME AS ABOVE
- FLOOR SPACE PER LOT: N/A
- TOTAL NUMBER OF UNITS ALLOWED AS SHOWN ON FINAL PLAT(S): 2
- TOTAL NUMBER OF UNITS PROPOSED: 2
- APPLICABLE DPZ: N/A
- DEED REFERENCE: LIBER 8096 FOLIO 342
- PROPOSED WATER AND SEWER SYSTEMS: X PUBLIC PRIVATE

SOILS LEGEND

SYMBOL	SOIL GROUP	SOIL TYPE
ScD	C	SANDY AND CLAYEY LAND, MODERATELY SLOPING

* INDICATES HYDRIC SOILS
TAKEN FROM SOIL SURVEY, HOWARD COUNTY MARYLAND (ISSUED JULY 1968) MAP NO. 31

RAINGARDEN

LOT	RG 3	RG 4
ELEV. 1	226.5	226.5
ELEV. 2	226.5	226.5
ELEV. 3	225.8	225.7
ELEV. 4	225.63	225.53
ELEV. 5	223.13	223.03
ELEV. 6	222.3	222.2
ELEV. 7	223.99	223.99

LOT	RG 1	RG 2
ELEV. 1	224.80	225.90
ELEV. 2	224.80	225.90
ELEV. 3	224.30	225.40
ELEV. 4	224.13	225.23
ELEV. 5	221.63	222.73
ELEV. 6	220.80	221.90
ELEV. 7	220.50	220.50

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT TO PERIMETER PROPERTIES	ADJACENT TO ROADWAYS	TOTAL
PERIMETER	P-2	P-1	P-4
LANDSCAPE TYPE	A	B	B
LINEAR FEET OF ROADWAY FRONTAGE / PERIMETER	150'L.F.	100'L.F.	150'L.F.
CREDIT FOR EXISTING VEGETATION: NO OR YES (LINEAR FEET)	NO	NO	N/A
CREDIT FOR WALL FENCE OR BERM: NO OR YES (LINEAR FEET)	NO	NO	N/A
NUMBER OF PLANTS REQUIRED:	3	2	2
SHADE TREES	0	0	3
EVERGREEN TREES	0	0	3
NUMBER OF PLANTS PROVIDED:	3	2	2
SHADE TREES	0	0	3
EVERGREEN TREES	0	0	3

LANDSCAPE PLANTING LIST

SYMBOL	QUANTITY	NAME	REMARKS
☉	7	ACER RUBRUM 'OCTOBER GLORY'	2 1/2" - 3" CAL
☉	3	PRINUS STROBUS EASTERN WHITE PINE	5" - 6" HT

PERMIT INFORMATION CHART

SUBDIVISION NAME:	SECTION/AREA:	LOT/PARCEL #
NORTH LAUREL PARK	BLOCK U	LOTS 1A & 2A
PLAT No. 17565	GRID No. 3	ZONE R-SC
TAX MAP 50	ELECTORAL DISTRICT 6th	CENSUS TRACT 6069.03
WATER CODE C-05	SEWER CODE 7141500	

LEGEND

- SOILS CLASSIFICATION: CMC2
- SOILS DELINEATION: ---
- EXISTING CONTOURS: ---
- PROPOSED CONTOURS: ---
- LIMIT OF WETLANDS: ---
- EXISTING WOODS LINE: ---
- PROPOSED WOODS LINE: ---
- EXISTING STRUCTURE: ---
- PROPOSED STRUCTURE: ---
- LIMIT OF DISTURBANCE: ---
- STABILIZED CONSTRUCTION ENTRANCE: ---
- SILT FENCE: ---

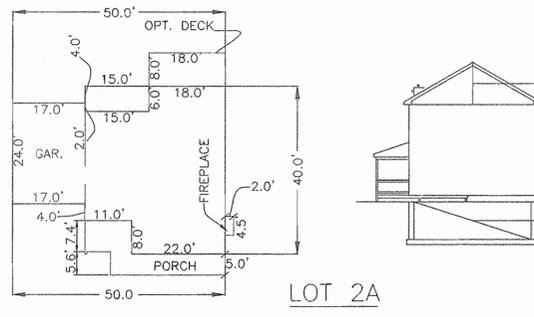
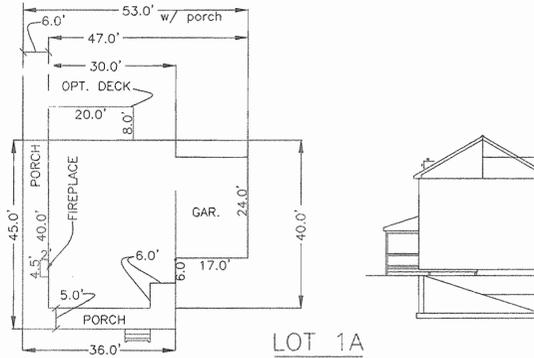
ADDRESS CHART

LOT No.	STREET ADDRESS
1A	9401 NORTH LAUREL ROAD
2A	9403 NORTH LAUREL ROAD

SHC TABLE

LOT NO.	MIN. CELLAR
1A	219.0
2A	215.6

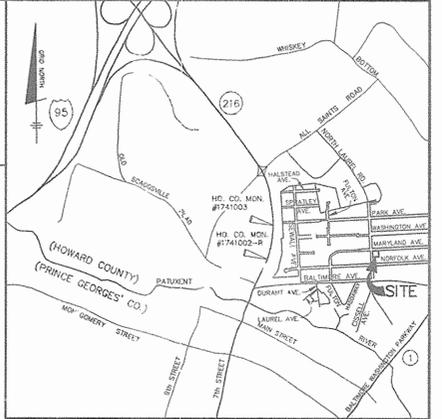
CONTRACTOR TO CHECK SEWER HOUSE CONNECTION ELEVATION AT PROPERTY/ASEMENT LINE PRIOR TO CONSTRUCTION OF HOUSE TO ENSURE PROPER SHC SLOPES CAN BE MAINTAINED.



FOOT PRINT
SCALE: 1" = 20'

BENCH MARKS NAD 27
HO. CO. #1741003 NAD 27
CONCRETE MONUMENT ON WEST SIDE OF ROUTE 216 AND 0.2' BELOW SURFACE
ELEV. 198.395

HO. CO. #1741002-R NAD 27
CONCRETE MONUMENT ON TOP OF BANK EAST OF EAST EDGE OF MAC. OF ROUTE 216
FLUSH WITH SURFACE
ELEV. 197.368



GENERAL NOTES

- THE SUBJECT PROPERTY IS ZONED R-SC PER THE 2-7-04 COMPREHENSIVE ZONING PLAN.
- CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS CONSTRUCTION INSPECTION DIVISION AT (410)313-1880 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 PRIOR TO ANY EXCAVATION WORK.
- EXISTING TOPOGRAPHY SHOWN HEREON WAS FIELD RUN BY BENCHMARK ENGINEERING INC., INC. DATED APRIL, 2005. CONTOUR INTERVAL IS 2 FEET.
- HORIZONTAL AND VERTICAL DATUM ARE NAD 27 - HO. CO. MONUMENTS 1741003 and 1741002-R.
- EXISTING UTILITIES SHOWN HAVE BEEN TAKEN FROM CONTRACT DRAWINGS # 1-W AND 24-S AND FIELD SURVEY LOCATIONS. IF NECESSARY, CONTRACTOR SHALL ADVISE THE DEPARTMENT OF PUBLIC WORKS TO MATCH SUT GRADES.
- STORMWATER MANAGEMENT IS PROVIDED BY THE USE OF JP DISCONNECTION AND GRASS CHANNEL CREDIT IN ACCORDANCE WITH THE DESIGN PROVIDED UNDER.
- THERE ARE NO WETLANDS, WETLAND BUFFERS, STREAMS, ST. M BUFFERS, STEEP SLOPES OR 100-YEAR FLOODPLAIN LOCATED WITHIN THIS LIMIT OF SUBMISSION.
- IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS; BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 18 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 SETBACK.
- PREVIOUS HOWARD COUNTY FILE NUMBERS: F-55-181
- THE STAKING OF FOUNDATIONS PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH REGULATORY BUILDING RESTRICTION LINES IS RECOMMENDED.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE BUILDERS EXPENSE.
- BRL INDICATES BUILDING RESTRICTION LINE.
- FOR DRIVEWAY ENTRANCE DETAIL SEE HOWARD COUNTY STANDARD DETAIL R-6-01.
- DRIVEWAY SLOPES SHOWN ARE AVERAGE. THE SLOPE AT THE OUTSIDE EDGES COULD BE FLATTER OR STEEPER DEPENDING ON GRADE OF ROADWAY.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A RESIDENTIAL OCCUPANCY PERMIT FOR ANY NEW DWELLING TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12' (14' SERVING MORE THAN ONE RESIDENCE).
 - SURFACE - 2" OF COMPACT CRUSHER RUN BASE WITH 1" OF CH. COATING (1-1/2" MIN).
 - GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM 45' TURNING RADIUS.
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOODPLAIN WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY.
 - MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- THIS PLAN IS SUBJECT TO THE AMENDED 5TH EDITION OF THE SUBDIVISION AND THE LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003 AND THE ZONING REGULATIONS AS AMENDED UNDER COUNCIL BILL #75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS MUST COMPLY WITH SETBACK AND BUFFER REQUIREMENTS IN EFFECT AT THE TIME OF SUBMISSION OF SUT DEVELOPMENT PLAN, WAIVER PETITION APPLICATION, OR BUILDING/GRABE PERMIT.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
- THIS SITE DEVELOPMENT PLAN IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BECAUSE THE DEVELOPMENT OF THE NORTH LAUREL PARK HAD PRELIMINARY SUBMISSION PLAN APPROVAL PRIOR TO DECEMBER 31, 1992.
- PERIMETER LANDSCAPING IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL IN ACCORDANCE WITH THIS PLAN. POSTING OF SURETY IN THE AMOUNT OF \$2250.00 FOR 7 SHADE TREES AND 3 EVERGREEN TREES SHALL BE POSTED WITH THE SMM DEVELOPER AGREEMENT FOR THE PROPOSED RAIN GARDEN(S).
- THE STAKING OF FOUNDATIONS PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH REGULATORY BUILDING RESTRICTION LINES IS RECOMMENDED.

BENCHMARK ENGINEERING, INC.
ENGINEERS & LAND SURVEYORS & PLANNERS

8480 BALTICORE NAVAL PIKE & SUITE 418
ELLICOTT CITY, MARYLAND 21043
PHONE: 410-465-8103 FAX: 410-465-8644
www.bel-civilengineering.com

[Signature] 1/18/06

OWNER:	PROJECT:
HORIZON UNLIMITED, HOMEBUILDERS, LLC 7387 WASHINGTON BLVD. SUITE 104 ELKDRIDGE, MARYLAND 21075 410-796-1333	NORTH LAUREL PARK BLOCK U LOTS 1A AND 2A
LOCATION:	TITLE:
TAX MAP: 50, GRID: 3 PARCEL: 426 5th. ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SITE DEVELOPMENT PLAN (SINGLE FAMILY DWELLING)
DATE:	SCALE:
NOVEMBER, 2005 DECEMBER, 2005	AS SHOWN
DESIGN:	DRAFT:
DAM	EDD
CHECK:	PROJECT NO.:
DAM	1848
SHEET:	OF:
1	2