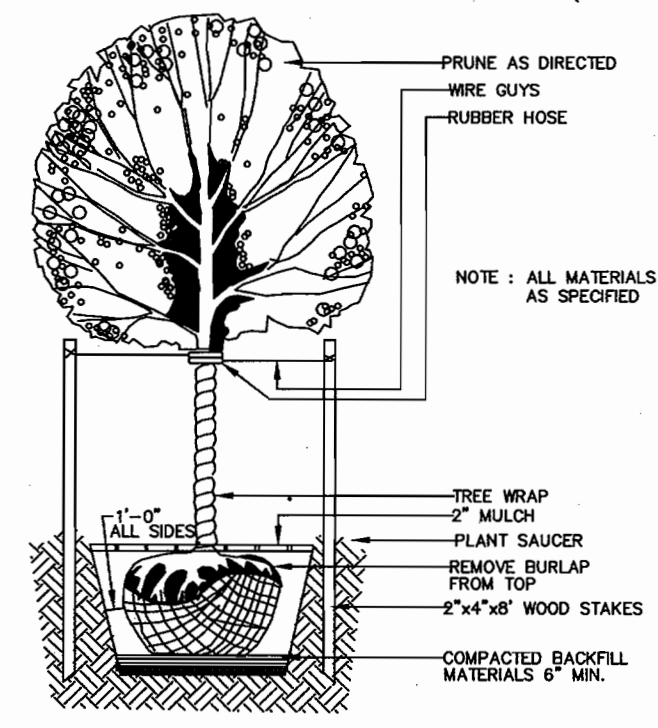
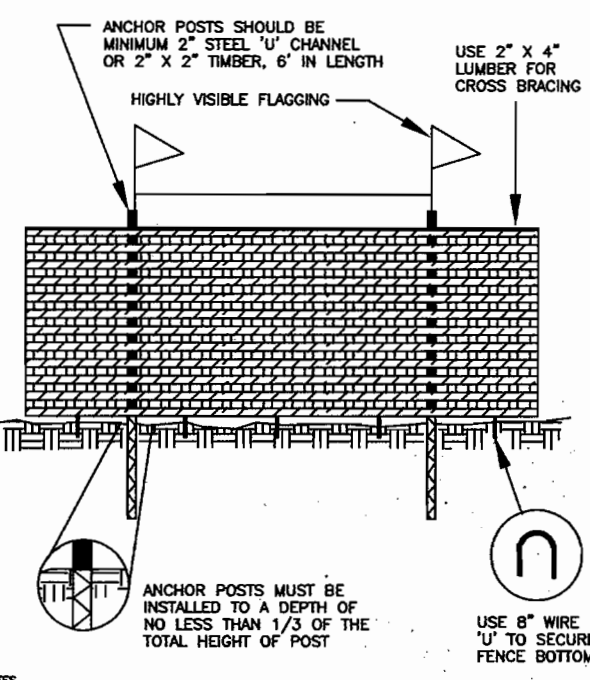


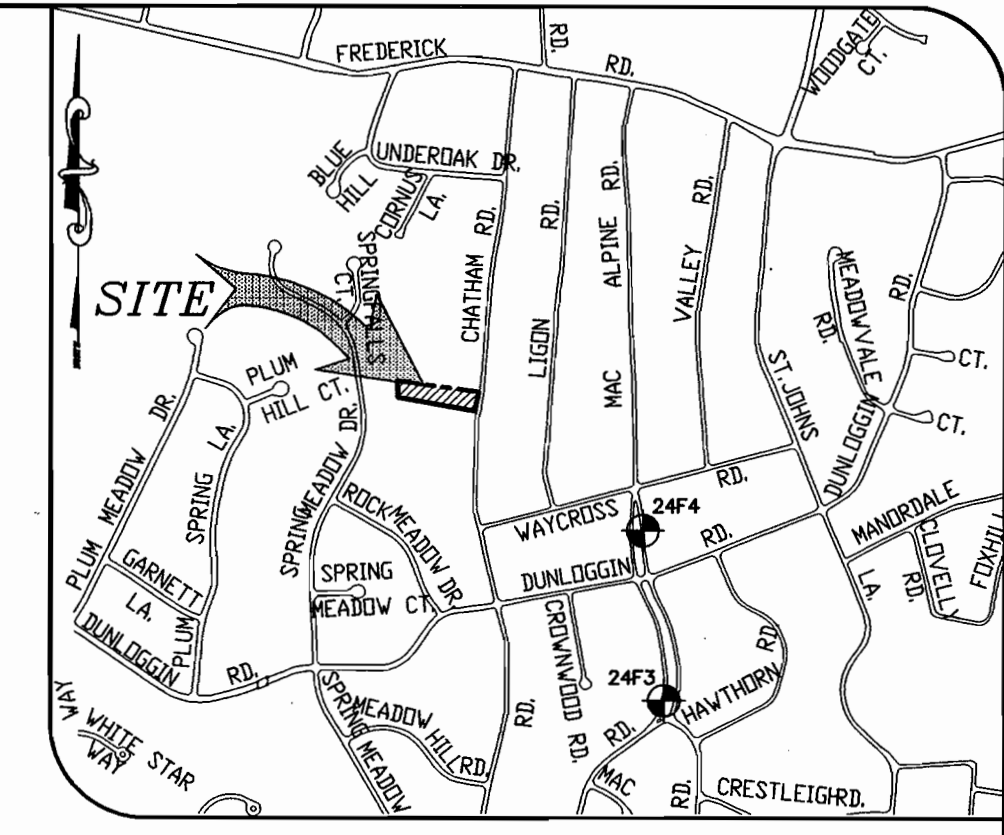
**PROTECTIVE FENCE DETAIL**  
BLAZE ORANGE PLASTIC MESH



**SCHEDULE A : PERIMETER LANDSCAPED EDGE**

CATEGORY	ADJACENT TO ROADWAYS		ADJACENT TO PERIMETER PROPERTIES		TOTAL
	N/A (PERIMETER 1)	A (PERIMETER 2)	A (PERIMETER 3)	A (PERIMETER 4)	
LANDSCAPE TYPE	N/A	480.85 LF	98.48 LF	455.23 LF	
LINEAR FEET OF PERIMETER	113.81 LF				
NUMBER OF PLANTS REQUIRED	N/A	8 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	2 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	8 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS	18 SHADE TREES 0 EVERGREEN TREES 0 SHRUBS
CREDIT FOR EXISTING VEGETATION	N/A	35 LF OF EX. TREES 0 SHADE TREES 8 EVERGREEN TREES *	98.48 LF OF EX. TREES 0 SHADE TREES 0 EVERGREEN TREES	25 LF OF EX. TREES 0 SHADE TREES 0 EVERGREEN TREES	3 SHADE TREES (158.48 LF OF EX. TREES) 8 EVERGREEN TREES *
NUMBER OF PLANTS PROVIDED	N/A	4 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS (10:1 SUBSTITUTION)	0 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS	7 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS	11 SHADE TREES 0 EVERGREEN TREES 0 SUBSTITUTION TREES 0 SHRUBS

\* PERIMETER 2 - CREDIT FOR EIGHT (8) EXISTING EVERGREEN TREES (2:1 SUBSTITUTION)  
- SEE NOTE NO. 16 FOR LANDSCAPE SURETY.

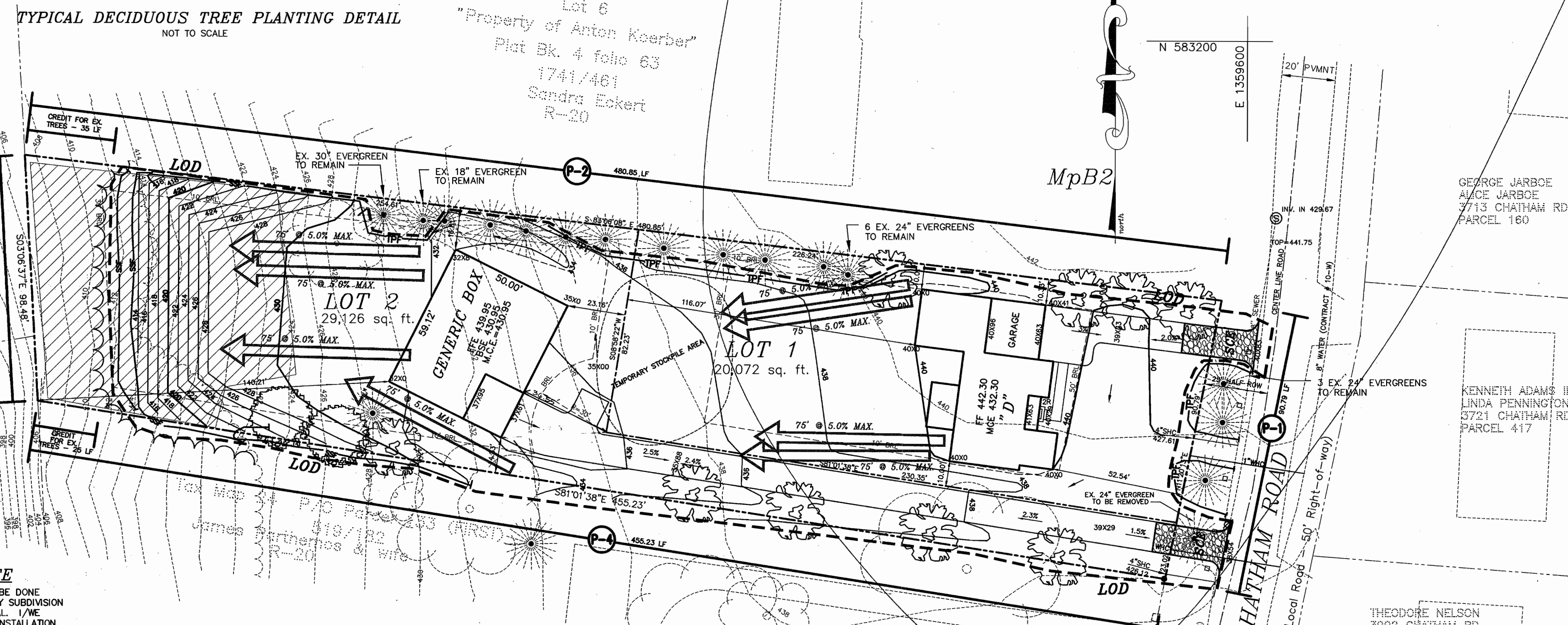


**VICINITY MAP**  
SCALE 1"=1000'

**GENERAL NOTES:**

- SUBJECT PROPERTY IS ZONED R-20 PER THE 10/18/93 COMPREHENSIVE ZONING PLAN.
- ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS.
- PROJECT BACKGROUND:**  
TAX MAP - 24 - PARCEL: 133 (SECOND), GRID 10  
ELECTION DISTRICT - SECOND  
ZONING: R-20  
DEED REFERENCE: L 519/F 182  
DPZ FILE NUMBERS: F-02-117, WP-02-106
- AREA TABULATION**  
A. TOTAL TRACT AREA: 1.13 AC ±  
B. NUMBER OF PROPOSED BUILDABLE LOTS: 2  
C. NUMBER OF OPEN SPACE LOTS: 0  
D. AREA OF PUBLIC RIGHT-OF-WAY: 0 AC.  
E. AREA OF BUILDABLE LOTS: 1.13 AC ±
- OPEN SPACE REQUIREMENTS HAVE BEEN SATISFIED UNDER F-02-117.
- ON SITE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD SURVEY CONDUCTED BY MILDENBERG, BOENDER & ASSOCIATES, INC. ON OR ABOUT JAN 2002.
- OFF SITE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPO.
- BOUNDARY SHOWN HEREON IS BASED ON A FIELD SURVEY & MONUMENTED SURVEY BY MILDENBERG, BOENDER & ASSOCIATES, INC. ON OR ABOUT JAN. 2002.
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 24F3 & 24F4

STATION	24F3	24F4
NORTHING	581299.869	582298.634
EASTING	1360713.751	1360570.987
ELEVATION	366.100	366.878



**LANDSCAPE REQUIREMENT PLANTING SCHEDULE**

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
9	(Symbol)	ACER RUBRUM "RED SUNSET"	RED SUNSET RED MAPLE	2 1/2" - 3" CAL.
2	(Symbol)	ACER SACCHARUM "GREEN MOUNTAIN"	GREEN MOUNTAIN SUGAR MAPLE	2 1/2" - 3" CAL.
<b>TOTAL</b>				<b>11 SHADE TREES</b>

**DEVELOPER'S/OWNER'S 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 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY MY DECIDUOUS ONE-YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

*Chadwick L. Brown* 1/7/03  
NAME DATE

**DEVELOPER'S CERTIFICATE**

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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 NATURAL RESOURCE CONSERVATION SERVICE.

*Chadwick L. Brown* 1/7/03  
SIGNATURE OF DEVELOPER DATE  
CHADWICK BROWN  
PRINTED NAME OF DEVELOPER

**ENGINEER'S CERTIFICATE**

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PROFESSIONAL ENGINEERING PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

*R. Jacob Hixson* 12/17/02  
SIGNATURE OF ENGINEER DATE  
R. JACOB HIXSON  
PRINTED NAME OF ENGINEER



THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

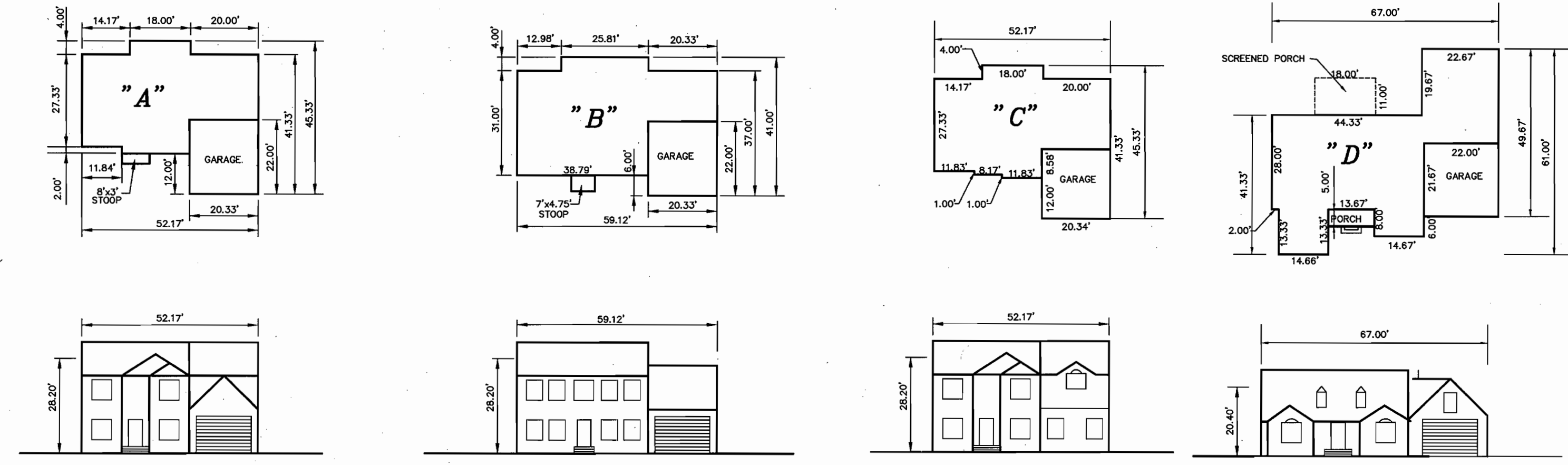
*Jim Mays* 12/31/02  
APPROVED: DEPARTMENT OF PLANNING AND ZONING  
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

*John R. Peltzer* 12/31/02  
APPROVED: DEPARTMENT OF PLANNING AND ZONING  
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

*David J. Hargrett* 1/10/03  
APPROVED: DEPARTMENT OF PLANNING AND ZONING  
DIRECTOR DATE

**LEGEND**

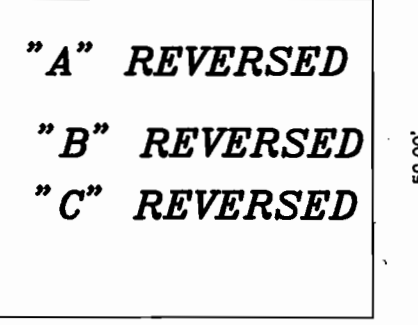
- 15% to 24% SLOPES
- EXISTING TREE LINE
- PROPOSED TREE LINE
- LOD - LIMIT OF DISTURBANCE
- SUPER SILT FENCE
- PERIMETER LANDSCAPE EDGE
- STABILIZED CONSTRUCTION ENTRANCE
- SWM CREDIT (ROOFTOP DISCONNECT)
- EXISTING EVERGREENS



**HOUSE TYPES**

**ADDRESS CHART**

LOT/PARCEL NO.	STREET ADDRESS
LOT 1	3722 CHATHAM ROAD
LOT 2	3724 CHATHAM ROAD



**GENERIC BOX**

**PERMIT INFORMATION CHART**

SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL #
PARTHOMOS PROPERTY	N/A	PARCEL 133 - LOTS 1 & 2
PLAT # OR L/F	BLOCK #	ZONE
PLAT # 15695	10	R-20
TAX MAP	24	SECOND
CENSUS TRACT		8023.06
WATER CODE	F08	SEWER CODE
		5752100

PROPOSED IMPROVEMENTS: CONSTRUCT HOUSES, ASSOCIATED GRADING, AND SEDIMENT CONTROL.

**OWNER**

JAMES AND SUSAN PARTHOMOS  
3730 CHATHAM RD.  
ELLCOTT CITY, MARYLAND 21042

**DEVELOPER**

HARMONY BUILDERS  
4228 COLUMBIA RD.  
COLUMBIA, MARYLAND 21042

**SOILS DESCRIPTIONS:**

Msd Major loam, 3% to 8% slopes, moderately eroded  
MpB2 Major loam, 8% to 15% slopes, severely eroded

- IN ACCORDANCE WITH SECTION 128 HOWARD COUNTY REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACK. PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
- THIS SITE DEVELOPMENT PLAN HAS BEEN PREPARED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. SEE NOTE NO. 16.
- SHOULD ANY TREE DESIGNATED FOR PRESERVATION, FOR WHICH LANDSCAPING CREDIT IS GIVEN, DIE PRIOR TO RELEASE OF THE BONDS, THE OWNER WILL BE REQUIRED TO REPLACE THE TREE WITH THE EQUIVALENT SPECIES OR WITH A TREE WHICH WILL OBTAIN THE SAME HEIGHT, SPREAD, AND GROWTH CHARACTERISTICS. THE REPLACEMENT TREE MUST BE A MINIMUM OF 2 1/2 INCHES IN CALIPER AND INSTALLED AS REQUIRED IN THE LANDSCAPE MANUAL.
- THIS SUBDIVISION IS SUBJECT TO THE 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE ZONING REGULATIONS AS AMENDED UNDER COUNCIL BILL # 50-2001.

- MISS UTILITY VERIZON TELEPHONE COMPANY 1-800-257-7777 (410) 725-9978
- HOWARD COUNTY BUREAU OF UTILITIES (410) 313-4900
- AT&T CABLE LOCATION DIVISION (410) 393-3533
- BALTIMORE GAS & ELECTRIC (410) 685-0123
- STATE HIGHWAY ADMINISTRATION (410) 531-5533
- HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTION DIVISION (410) 313-1880
- A REQUEST TO WAIVE SECTION 16.132 (a) (2) (i) (a) WHICH REQUIRES CONSTRUCTION ON ONE SIDE OF A COUNTY ROAD FOR MAJOR ROAD IMPROVEMENTS SUBDIVISION: SECTION 16.134 (a) (1) (i) WHICH REQUIRES CONSTRUCTION OF SIDEWALKS ON ONE SIDE OF LOCAL STREETS FOR SINGLE FAMILY DETACHED SUBDIVISIONS (LOT 1); SECTION 16.135 (a) WHICH REQUIRES THE INSTALLATION OF STREET LIGHTING IN ACCORDANCE WITH THE DESIGN MANUAL; AND SECTION 16.136 WHICH REQUIRES THE INSTALLATION OF STREET LIGHTING IN ACCORDANCE WITH THE DESIGN MANUAL; AND THE INSTALLATION OF STREET TREES IN ACCORDANCE WITH THE LANDSCAPE MANUAL. THIS WAIVER (WP-02-106) REQUEST WAS GRANTED ON JUNE 10, 2002 SUBJECT TO THE FOLLOWING CONDITIONS:
  - PAYMENT OF A FEE IN LIEU OF THESE IMPROVEMENTS IS REQUIRED FOR STREET LIGHTS, PAVING SECTION AND SIDEWALKS FOR THE PORTION OF LOTS 1 & 2 OF THE PARTHOMOS PROPERTY CHATHAM ROAD, THE EXISTING EVERGREEN TREES LOCATED ON LOT 1 WITHIN THE ROAD RIGHT OF WAY ARE TO REMAIN.
- NO WETLANDS EXIST ON SITE PER FIELD INVESTIGATION BY WILDMAN ENVIRONMENTAL IN JANUARY 2002.

project	date	description	no.
2001-089	SEP 2002	engineering	
		illustration	
		MNT	
		score	
		approval	
		RJH	

no.	description	revisions

**PARTHOMOS PROPERTY**  
LOTS 1 & 2  
TAX MAP 24, PARCEL 133 (SECOND), GRID 10  
HOWARD COUNTY, MARYLAND  
SECOND ELECTION DISTRICT  
**SITE DEVELOPMENT PLAN**

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Fax (301) 621-5521 Wash. (410) 997-0298 Fax

HOWARD SOIL CONSERVATION DISTRICT

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LEVED VEGETATIVE COVER IS NEEDED.

SEEDING 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 RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES: 1) PREFERRED - 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.

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.

SEEDING - FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE 1-1/2 TONS PER ACRE (70 TO 90 LBS./1000 SQ.FT.) OF UNROTTED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING.

MULCHING - APPLY 1-1/2 TO 2 TONS PER 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.

SEEDING - FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 1 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 3 LBS. PER ACRE OF WEEPING LOVEGRASS (.07 LBS./1000 SQ.FT.) FOR THE PERIOD NOVEMBER 15 THRU NOVEMBER 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 SOO.

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Table with 3 columns: Description, Quantity, Unit. Includes: TOTAL AREA OF SITE: 1.13 ACRES, AREA TO BE ROOFED OR PAVED: 0.20 ACRES, AREA TO BE VEGETATIVELY STABILIZED: 0.98 ACRES, TOTAL CUT: 1,500 CU. YDS., TOTAL FILL: 1,500 CU. YDS., TOTAL WASTE/BORROW AREA LOCATION: N/A.

THESE QUANTITIES ARE FOR PERMIT PURPOSES ONLY. CONTRACTOR IS REQUIRED TO PROVIDE HIS OWN QUANTITY MEASUREMENTS.

- 8) ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
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...

STANDARD AND SPECIFICATIONS FOR TOPSOIL

DEFINITION: PLACEMENT OF TOPSOIL OVER A PREPARED SUBSOIL PRIOR TO ESTABLISHMENT OF PERMANENT VEGETATION.

PURPOSE: TO PROVIDE A SUITABLE SOIL MEDIUM FOR VEGETATIVE GROWTH. SOILS OF CONCERN HAVE LOW MOISTURE CONTENT, LOW NUTRIENT LEVELS, LOW PH, MATERIALS TOXIC TO PLANTS, AND/OR UNACCEPTABLE SOIL GRADATION.

- 1. THIS PRACTICE IS LIMITED TO AREAS HAVING 2:1 OR FLATTER SLOPES WHERE:
a. THE TEXTURE OF THE EXPOSED SUBSOIL/PARENT MATERIAL IS NOT ADEQUATE TO PRODUCE VEGETATIVE GROWTH.
b. THE SOIL MATERIAL IS SO SHALLOW THAT THE ROOTING ZONE IS NOT DEEP ENOUGH TO SUPPORT PLANTS OR FURNISH CONTINUING SUPPLIES OF MOISTURE AND PLANT NUTRIENTS.
c. THE ORIGINAL SOIL TO BE VEGETATED CONTAINS MATERIAL TOXIC TO PLANT GROWTH.
d. THE SOIL IS SO ACIDIC THAT TREATMENT WITH LIMESTONE IS NOT FEASIBLE.

- II. FOR THE PURPOSE OF THESE STANDARDS AND SPECIFICATIONS, AREAS HAVING SLOPES STEEPER THAN 2:1 REQUIRE SPECIAL CONSIDERATION AND DESIGN FOR ADEQUATE STABILIZATION. AREAS HAVING SLOPES STEEPER THAN 2:1 SHALL HAVE THE APPROPRIATE STABILIZATION SHOWN ON THE PLANS.

CONSTRUCTION AND MATERIAL SPECIFICATIONS

I. TOPSOIL SALVAGED FROM THE EXISTING SITE MAY BE USED PROVIDED THAT IT MEETS THE STANDARDS AS 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 SECTION IN THE SOIL SURVEY PUBLISHED BY USDA-SCS IN COOPERATION WITH MARYLAND AGRICULTURAL EXPERIMENTAL STATION.

II. TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING:
I. 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 CONTAMINATED TEXTURED SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF SANDS, STONES, SLAG, COARSE FRAGMENTS, GRAVEL, STICKS, ROOTS, TRASH, OR OTHER MATERIALS LARGER THAN 1 1/2" IN DIAMETER.

II. TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BERMUDA GRASS, QUACKGRASS, JOHNSON-GRASS, NUTSEDGE, POISON IVY, THISTLE, OR OTHERS AS SPECIFIED.

III. 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.

III. FOR SITES HAVING DISTURBED AREAS UNDER 5 ACRES:
I. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

IV. FOR SITES HAVING DISTURBED AREAS OVER 5 ACRES:
I. ON SOIL MEETING TOPSOIL SPECIFICATIONS, OBTAIN TEST RESULTS DICTATING FERTILIZER AND LIME AMENDMENTS REQUIRED TO BRING THE SOIL INTO COMPLIANCE WITH THE FOLLOWING:
a. pH FOR TOPSOILS SHALL BE BETWEEN 6.0 AND 7.5. IF THE TESTED SOIL DEMONSTRATES A pH OF LESS THAN 6.0, SUFFICIENT LIME SHALL BE PERSCRIBED TO RAISE THE pH TO 6.5 OR HIGHER.
b. ORGANIC CONTENT OF TOPSOIL SHALL BE NOT LESS THAN 1.5 PERCENT BY WEIGHT.
c. TOPSOIL HAVING SOLUBLE SALT CONTENT GREATER THAN 500 PARTS PER MILLION SHALL NOT BE USED.
d. NO SOO OR SEED 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 PHYTO-TOXIC MATERIALS.

NOTE: TOPSOIL SUBSTITUTES OR AMENDMENTS, AS RECOMMENDED BY A QUALIFIED AGRONOMIST OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE APPROVAL AUTHORITY, MAY BE USED IN LIEU OF NATURAL TOPSOIL.

II. PLACE TOPSOIL (IF REQUIRED) AND APPLY SOIL AMENDMENTS AS SPECIFIED IN 20.0 VEGETATIVE STABILIZATION - SECTION I - VEGETATIVE STABILIZATION METHODS AND MATERIALS.

V. TOPSOIL APPLICATION
I. WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DIKES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.

II. GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4" - 8" HIGHER IN ELEVATION.

III. TOPSOIL SHALL BE UNIFORMLY DISTRIBUTED IN A 4" TO 8" LAYER AND LIGHTLY COMPACTED TO A MINIMUM THICKNESS OF 4". SPREADING SHALL BE PERFORMED IN SUCH A MANNER THAT SOODING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL SOIL PREPARATION AND TILLAGE. ANY IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOILING OR OTHER OPERATIONS SHALL BE CORRECTED IN ORDER TO PREVENT THE FORMATION OF DEPRESSIONS OR WATER POCKETS.

IV. TOPSOIL SHALL NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXPOSED TO A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION.

V. 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:
I. 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 AREAS UNDER 5 ACRES SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
a. COMPOSTED SLUDGE SHALL BE SUPPLIED BY, OR ORIGINATE FROM, A PERSON OR PERSONS WHO ARE PERMITTED (AT THE TIME OF ACQUISITION OF THE COMPOST) BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT UNDER COMAR 26.04.06.
b. COMPOSTED SLUDGE SHALL CONTAIN AT LEAST 1 PERCENT NITROGEN, 1.5 PERCENT PHOSPHOROUS, 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.
c. COMPOSTED SLUDGE SHALL BE APPLIED AT A RATE OF 1 TON/1,000 SQUARE FEET.
IV. 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: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SOODING, MD-VA, PUB. #1, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES. REVISED 1973.

TEMPORARY DUST CONTROL MEASURES

1. MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY. MULCH SHOULD BE CRIMPED OR TACKED TO PREVENT BLOWING.
2. VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER.
3. TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS APACED ABOUT 12" APART, SPRING-TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.
4. IRRIGATION - THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS MOIST. REPEAT AS NEEDED. AT NO TIME SHOULD THE SITE BE IRRIGATED TO THE POINT THAT RUNOFF BEGINS TO FLOW.
5. BARRIERS - SOLID BOARD FENCES, SILT FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVAL OF ABOUT 10 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING SOIL BLOWING.
6. CALCIUM CHLORIDE - APPLY AT RATES THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT(1 DAY)
2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AT LOCATION SHOWN.(1 DAY)
3. CONSTRUCT SILT FENCE.(1 DAY)
4. COMPLETE CONSTRUCTION AS SHOWN.(60 DAYS)
5. COMPLETE FINE GRADING OF SITE TO GRADES INDICATED.(10 DAYS)
6. SEED AND MULCH ALL REMAINING DISTURBED AREAS.(1 DAY)
7. UPON STABILIZATION OF THE SITE AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE REMAINING DISTURBED AREAS. (2 DAYS)

DETAIL J3 - SUPER SILT FENCE

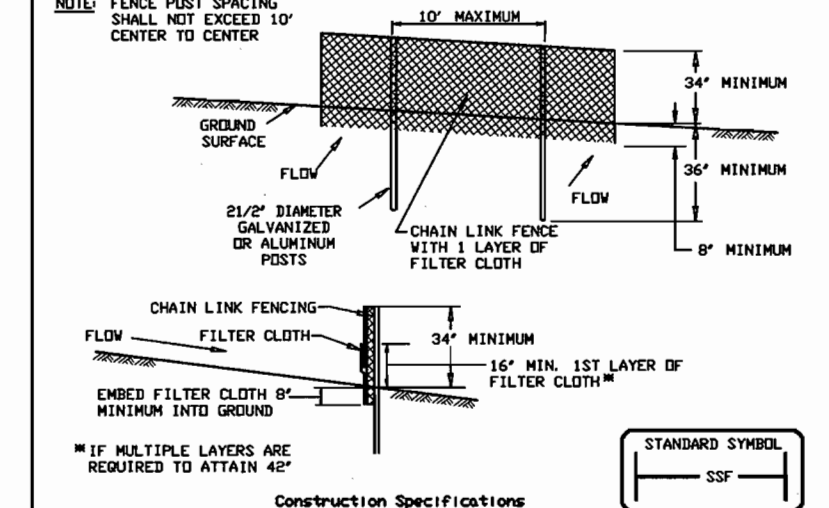


Table with 4 columns: Slope, Slope Steepness, Slope Length (Maximum), Silt Fence Length (Maximum). Includes design criteria for slopes from 0-10% to 50%+.

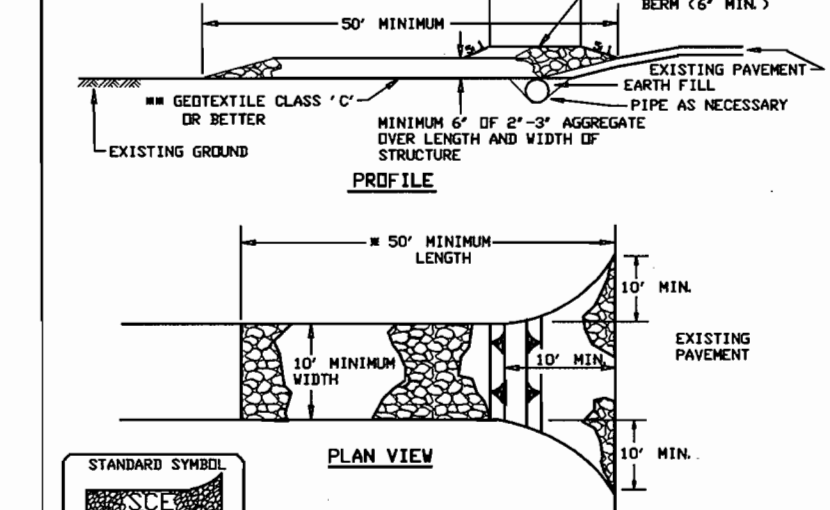
U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE # 2-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

SUPER SILT FENCE

Table with 4 columns: Slope, Slope Steepness, Slope Length (Maximum), Silt Fence Length (Maximum). Includes design criteria for slopes from 0-10% to 50%+.

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE PAGE # 2-3 MARYLAND DEPARTMENT OF ENVIRONMENT WATER MANAGEMENT ADMINISTRATION

DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



- 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...
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.
6. Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site.

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

Developers Certificate and Engineer's Certificate sections with signatures and dates. Includes names like R. Jacob Hikmat and J. N. Leighton.

Howard Soil Conservation District approval section with signatures and dates. Includes names like Jim Meyer and J. N. Leighton.

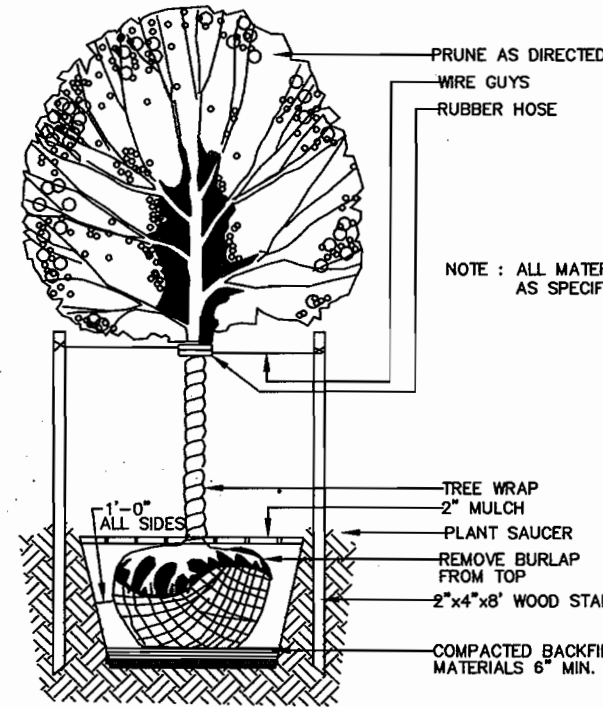
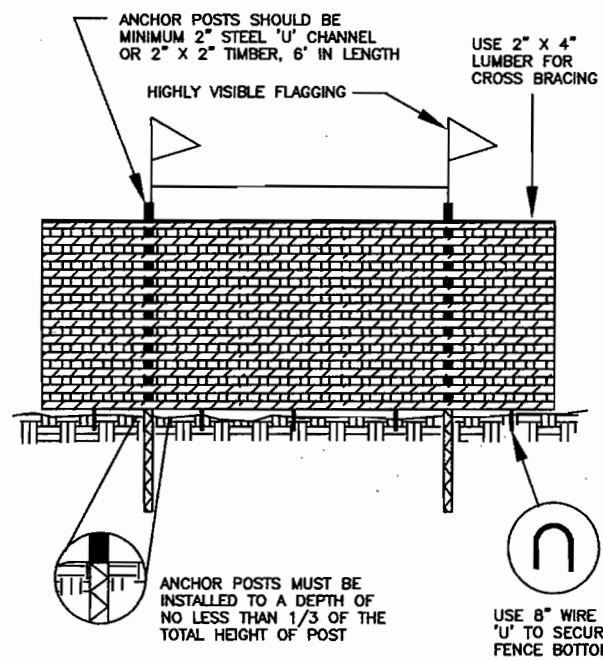
Project information table with columns: Project, Date, Illustration, Scale, Approval. Values include: 2001-069, SEP. 2002, MMT, 1"=30', RH.

Revision table with columns: No., Description, Date. Includes entries for 'description' and 'revisions'.

PARTHOMOS PROPERTY
LOTS 1 & 2
TAX MAP 24, PARCEL 133, GRID 10
HOWARD COUNTY, MARYLAND
SECOND ELECTION DISTRICT
SEDIMENT CONTROL NOTES & DETAILS

MILDENBERG, BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland, 21042
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0299 Fax.

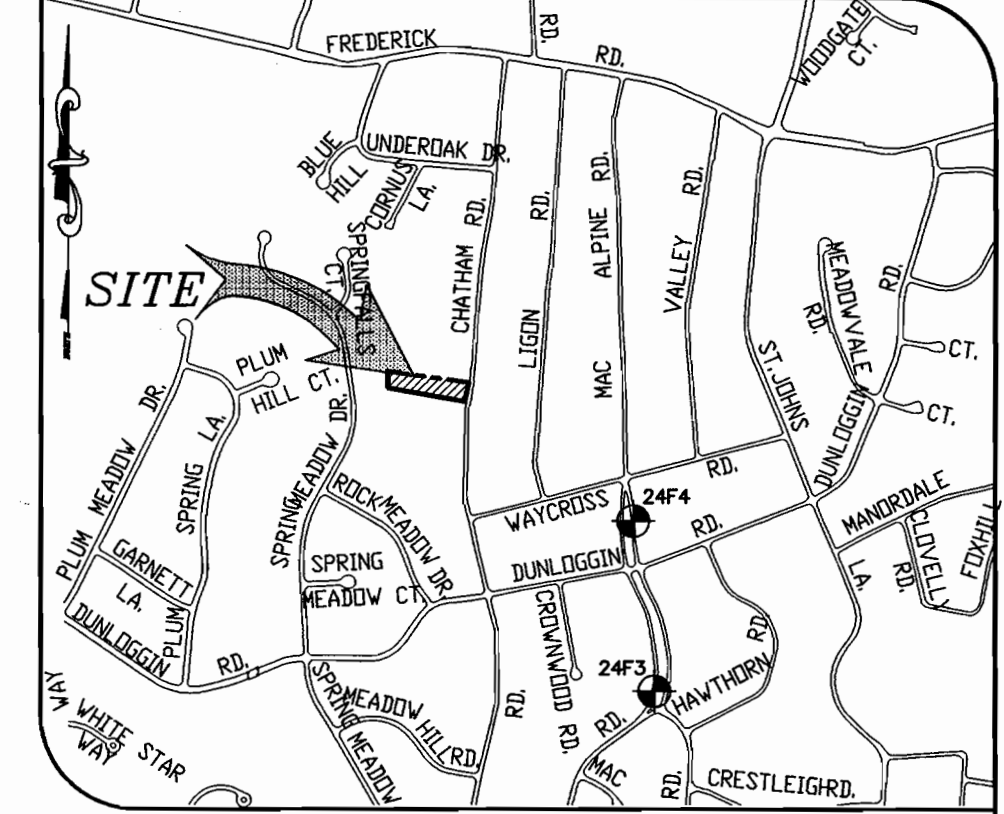
**PROTECTIVE FENCE DETAIL**  
BLAZE ORANGE PLASTIC MESH



**SCHEDULE A : PERIMETER LANDSCAPED EDGE**

CATEGORY	ADJACENT TO ROADWAYS		ADJACENT TO PERIMETER PROPERTIES		TOTAL
	N/A (PERIMETER 1)	A (PERIMETER 2)	A (PERIMETER 3)	A (PERIMETER 4)	
LINEAR FEET OF PERIMETER	113.81 LF	480.85 LF	98.48 LF	455.23 LF	
NUMBER OF PLANTS REQUIRED					
SHADE TREES	N/A	8 SHADE TREES	2 SHADE TREES	8 SHADE TREES	18 SHADE TREES
EVERGREEN TREES	N/A	0 EVERGREEN TREES	0 EVERGREEN TREES	0 EVERGREEN TREES	0 EVERGREEN TREES
SHRUBS	N/A	0 SHRUBS	0 SHRUBS	0 SHRUBS	0 SHRUBS
CREDIT FOR EXISTING VEGETATION					
SHADE TREES	N/A	35 LF OF EX. TREES	98.48 LF OF EX. TREES	25 LF OF EX. TREES	3 SHADE TREES (158.48 LF OF EX. TREES)
EVERGREEN TREES	N/A	0 SHADE TREES	0 SHADE TREES	0 SHADE TREES	0 EVERGREEN TREES
NUMBER OF PLANTS PROVIDED					
SHADE TREES	N/A	4 SHADE TREES	0 SHADE TREES	7 SHADE TREES	11 SHADE TREES
EVERGREEN TREES	N/A	0 EVERGREEN TREES	0 EVERGREEN TREES	0 EVERGREEN TREES	0 EVERGREEN TREES
OTHER TREES (2:1 SUBSTITUTION)	N/A	0 SUBSTITUTION TREES	0 SUBSTITUTION TREES	0 SUBSTITUTION TREES	0 SUBSTITUTION TREES
SHRUBS (10:1 SUBSTITUTION)	N/A	0 SHRUBS	0 SHRUBS	0 SHRUBS	0 SHRUBS

\* PERIMETER 2 - CREDIT FOR EIGHT (8) EXISTING EVERGREEN TREES (2:1 SUBSTITUTION)  
- SEE NOTE NO. 16 FOR LANDSCAPE SURETY.

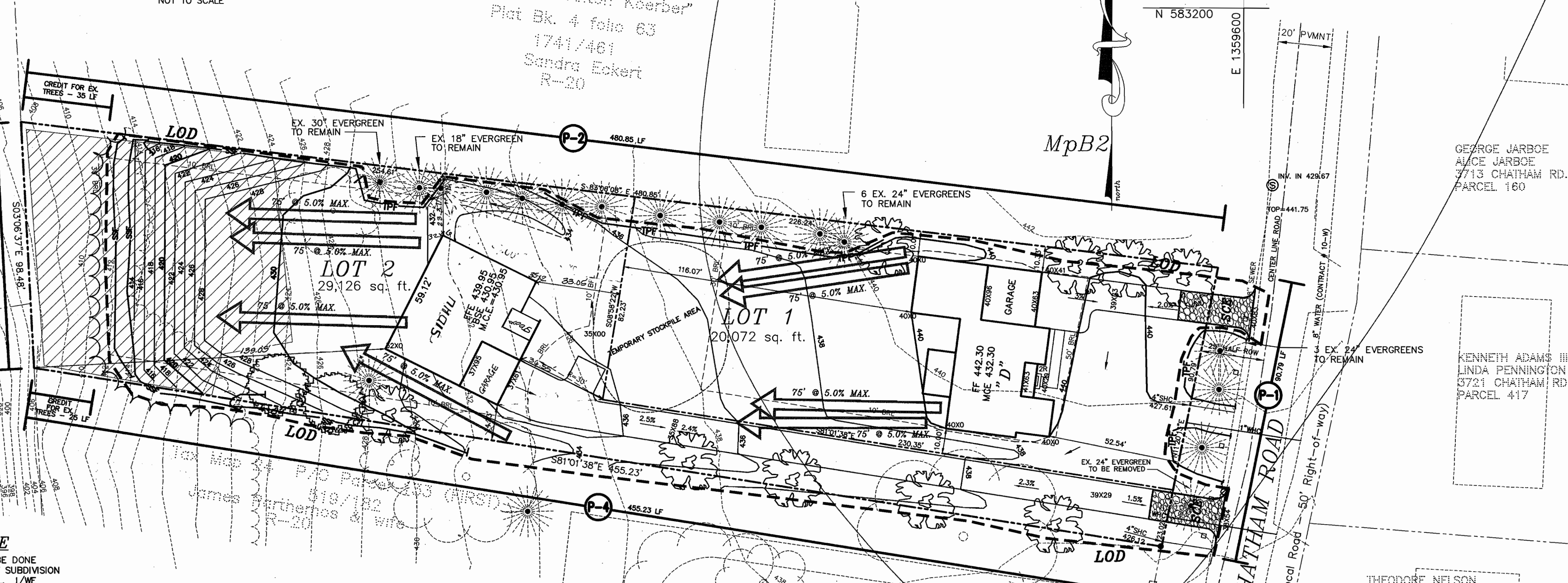


**VICINITY MAP**  
SCALE 1"=1000'

**GENERAL NOTES:**

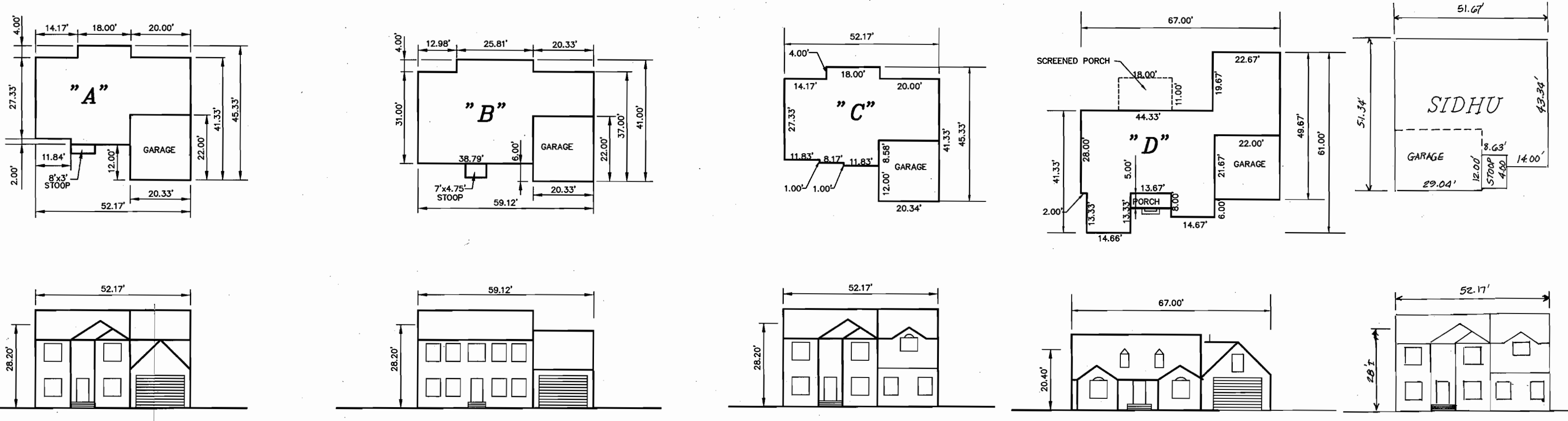
- SUBJECT PROPERTY IS ZONED R-20 PER THE 10/18/93 COMPREHENSIVE ZONING PLAN.
- ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS.
- PROJECT BACKGROUND:  
TAX MAP: 24 PARCEL 133 (SECOND), GRID 10  
ELECTION DISTRICT: SECOND  
ZONING: R-20  
DEED REFERENCE: L. 519/F. 182  
DPZ FILE NUMBERS: F-02-117, WP-02-106
- AREA TABULATION:  
A. TOTAL TRACT AREA: 1.13 AC.  
B. NUMBER OF BUILDABLE LOTS: 2.  
C. NUMBER OF OPEN SPACE LOTS: 0.  
D. AREA OF PUBLIC RIGHT-OF-WAY: 0 AC.  
E. AREA OF BUILDABLE LOTS: 1.13 AC.
- OPEN SPACE REQUIREMENTS HAVE BEEN SATISFIED UNDER F-02-117.
- ON SITE TOPOGRAPHY SHOWN HEREON IS BASED ON A FIELD SURVEY CONDUCTED BY MILDENBERG, BOENDER & ASSOCIATES, INC. ON OR ABOUT JAN 2002.
- OFF SITE TOPOGRAPHY SHOWN HEREON IS BASED ON HOWARD COUNTY 200 SCALE TOPO.
- BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN & MONUMENTED SURVEY BY MILDENBERG, BOENDER & ASSOCIATES, INC. ON OR ABOUT JAN. 2002.
- HORIZONTAL AND VERTICAL DATUMS ARE RELATED TO THE MARYLAND STATE PLANE COORDINATE SYSTEM AS PROJECTED FROM HOWARD COUNTY CONTROL STATIONS NO. 24F3 & 24F4.  
STATION 24F3 NORTHING 581299.869 EASTING 1360713.751 ELEVATION 366.100  
STATION 24F4 NORTHING 582298.634 EASTING 1360570.987 ELEVATION 386.878
- PUBLIC WATER AND SEWER WILL BE UTILIZED UNDER CONTRACT # 129-S & 10-W.
- THIS PROPOSED SUBDIVISION WILL CONSIST OF SINGLE FAMILY DETACHED DWELLINGS.
- ALL EXISTING STRUCTURES ARE TO BE REMOVED PRIOR TO RECORDEDATION OF F-02-117.
- NO STEEP SLOPES EXIST ON-SITE.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:  
A) WIDTH - 12 FEET (14 FEET SERVING MORE THAN ONE RESIDENCE).  
B) SURFACE - 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.  
C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.  
D) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING).  
E) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.  
F) STRUCTURE CLEARANCES - MINIMUM 12 FEET  
G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- NO WETLANDS, STREAMS, STREAM BUFFERS OR FLOODPLAINS EXIST ON SITE.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING (4 SHADE TREES ON LOT 1, 7 SHADE TREES ON LOT 2) WILL BE POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF \$1,200 FOR LOT 1 AND \$2,100 FOR LOT 2.
- NO FOREST EXIST ON-SITE AS CERTIFIED BY WILDMAN ENVIRONMENTAL SERVICES.
- THE FOREST CONSERVATION OBLIGATION HAS BEEN MET BY THE PAYMENT OF A FEE-IN-LIEU OF AFFORESTATION FOR 0.17 ACRES (7,405.2 SQ.FT.) IN THE AMOUNT OF \$3,702.80 PER THE REQUIREMENTS OF SECTION 16.120 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. THIS FEE WAS PAID PRIOR TO THE RECORDEDATION OF PLAT F-02-117.
- FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY LINE AND NOT TO THE PIPESTEM LOT DRIVEWAY.
- THE OWNER, TENANT, AND/OR THEIR AGENTS SHALL BE RESPONSIBLE FOR MAINTENANCE OF THE REQUIRED LANDSCAPING, PLANT MATERIALS, BERRMS, FENCES, AND WALLS. ALL PLANT MATERIALS SHALL BE MAINTAINED IN GOOD GROWING CONDITION, AND WHEN NECESSARY, REPLACED WITH NEW MATERIALS TO ENSURE CONTINUED COMPLIANCE WITH APPLICABLE REGULATIONS. ALL OTHER REQUIRED LANDSCAPING SHALL BE PERMANENTLY MAINTAINED IN GOOD CONDITION, AND WHEN NECESSARY, REPAIRED OR REPLACED.
- SOILS DATA BASED ON HOWARD SOIL SURVEY DATED JULY 1968, SHEET 34.
- NO HISTORIC STRUCTURES, CEMETERIES, OR GRAVE SITES EXIST ON-SITE. SITE IS NOT ADJACENT TO A DESIGNATED SCENIC ROAD.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES ON SITE PRIOR TO COMMENCING CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/CONSTRUCTION INSPECTIONS DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE (5) DAYS PRIOR TO ANY EXCAVATION WORK:  
MISS UTILITY 1-800-257-7777  
VERIZON TELEPHONE COMPANY (410) 725-9976  
HOWARD COUNTY BUREAU OF UTILITIES (410) 313-4900  
A/T&T CABLE LOCATION DIVISION (410) 393-3533  
BALTIMORE GAS & ELECTRIC (410) 685-0123  
STATE HIGHWAY ADMINISTRATION (410) 531-5533  
HOWARD COUNTY DEPT. OF PUBLIC WORKS/CONSTRUCTION INSPECTION DIVISION (410) 313-1880
- A REQUEST TO WAIVE SECTION 16.132 (a) (2) (i) (c) WHICH REQUIRES CONSTRUCTION ON ONE SIDE OF A COUNTY ROAD FOR MAJOR OR ROAD IMPROVEMENTS SUBDIVISION; SECTION 16.134 (a) (1) (i) WHICH REQUIRES CONSTRUCTION OF SIDEWALKS ON ONE SIDE OF LOCAL STREETS FOR SINGLE FAMILY DETACHED SUBDIVISIONS (LOT 1); SECTION 16.135 (c) WHICH REQUIRES THE INSTALLATION OF STREET LIGHTING IN ACCORDANCE WITH THE DESIGN MANUAL; AND THE INSTALLATION OF STREET LIGHTING IN ACCORDANCE WITH THE DESIGN MANUAL; THIS WAIVER (WP-02-106) REQUEST WAS GRANTED ON JUNE 10, 2002 SUBJECT TO THE FOLLOWING CONDITIONS:  
1. PAYMENT OF A FEE IN LIEU OF THESE IMPROVEMENTS IS REQUIRED FOR STREET LIGHTS, PAVING SECTION AND SIDEWALKS FOR THE PORTION OF LOTS 1 & 2 OF THE PARTHEMOS PROPERTY CHATHAM ROAD. THE EXISTING EVERGREEN TREES LOCATED ON LOT 1 WITHIN THE ROAD RIGHT OF WAY ARE TO REMAIN.  
2. NO WETLANDS EXIST ON SITE PER FIELD INVESTIGATION BY WILDMAN ENVIRONMENTAL IN JANUARY 2002.

**TYPICAL DECIDUOUS TREE PLANTING DETAIL**  
NOT TO SCALE



**LANDSCAPE REQUIREMENT PLANTING SCHEDULE**

QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
9	(Symbol)	ACER RUBRUM 'RED SUNSET'	RED SUNSET RED MAPLE	2 1/2" - 3" CAL.
2	(Symbol)	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	2 1/2" - 3" CAL.
TOTAL				11 SHADE TREES



**HOUSE TYPES**

**ADDRESS CHART**

LOT/PARCEL NO.	STREET ADDRESS
LOT 1	3722 CHATHAM ROAD
LOT 2	3724 CHATHAM ROAD

**PERMIT INFORMATION CHART**

SUBDIVISION NAME	SECTION/AREA	LOT/PARCEL #
PARTHAMOS PROPERTY	N/A	PARCEL 133 - LOTS 1 & 2
PLAT # OR L/F/ BLOCK #	ZONE	TAX MAP
PLAT # 15695	10	24
	R-20	SECOND
		CENSUS TRACT
		6023.06
WATER CODE	F08	SEWER CODE
		5752100
PROPOSED IMPROVEMENTS:	CONSTRUCT HOUSES, ASSOCIATED GRADING, AND SEDIMENT CONTROL.	

**OWNER**

JAMES AND SUSAN PARTHEMOS  
3730 CHATHAM RD  
ELICOTT CITY, MARYLAND 21042

**DEVELOPER**

HARMONY BUILDERS  
4228 COLUMBIA RD.  
COLUMBIA, MARYLAND 21042

**SOILS DESCRIPTIONS:**

Md  
Mp82  
Major loam, 3% to 8% slopes, moderately eroded  
Minor loam, 8% to 15% slopes, severely eroded

**DEVELOPER'S/OWNER'S 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 SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF LANDSCAPE INSTALLATION, ACCOMPANIED BY AN EXECUTED ONE-YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Signature: *Christopher L. Ben*  
DATE: 1/7/03

**DEVELOPER'S CERTIFICATE**

I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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 NATURAL RESOURCE CONSERVATION SERVICE.

Signature: *Christopher L. Ben*  
DATE: 1/7/03

**ENGINEER'S CERTIFICATE**

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PROFESSIONAL AND REASONABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATURAL RESOURCE CONSERVATION SERVICE.

Signature: *R. Jacob Hikmat*  
DATE: 12/17/02



THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

Signature: *Jim Meyer*  
DATE: 12/30/02

Signature: *John K. Rutter*  
DATE: 12/30/02

APPROVED: DEPARTMENT OF PLANNING AND ZONING  
Signature: *Chris Danvers*  
DATE: 1/3/03

Signature: *Chris Danvers*  
DATE: 1/3/03

Signature: *Chris Danvers*  
DATE: 1/3/03

**LEGEND**

- 15% to 24% SLOPES
- EXISTING TREE LINE
- PROPOSED TREE LINE
- LOD - LIMIT OF DISTURBANCE
- SSF - SUPER SILT FENCE
- PERIMETER LANDSCAPE EDGE
- STABILIZED CONSTRUCTION ENTRANCE
- SWM CREDIT (ROOFTOP DISCONNECT)
- EXISTING EVERGREENS

NOTE: - HOUSE MODEL "D" DOES NOT FIT IN GENERIC BOX.

**GENERIC BOX**

Project date: 2001-069 SEP 2002  
Illustration: MMT  
Scale: 1"=30'

Project no.: 1  
Revision: REVISE HOUSE ON LOT 2 + ADD 5000 HOUSE TYPE  
Date: 2/11/03

**PARTHAMOS PROPERTY**  
LOTS 1 & 2  
TAX MAP 24 PARCEL 133 (SECOND), GRID 10  
HOWARD COUNTY, MARYLAND  
SECOND ELECTION DISTRICT  
**SITE DEVELOPMENT PLAN**

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors  
5072 Dorsy Hall Drive, Suite 202, Ellicott City, Maryland 21042  
(410) 997-0296 Fax (410) 997-0296 Fax