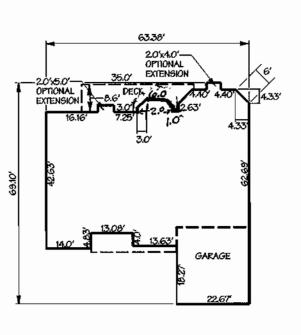
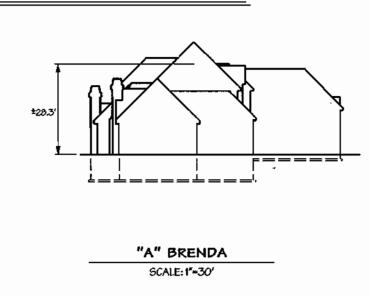
SITE ANALYSIS DATA CHART 1. General Site Data SITE DEVELOPMENT PLAN a. Present Zoning: R-20 b. Applicable DPZ File References: SP#01-10, F-03-19 CHESTNUT CREST c. Proposed Use of Site or Structure(s): Single Family Detached Residence d. Proposed Water and Sewer Systems: X Public - Private e. Any Other Information Which May be Relevant: ___ 2. Area Tabulation a. Total Project Area: ±19,643.0 Sq. Ft. ±0.45 Acres b. Area of This Plan Submission: $\pm 19,643.0$ Sq. Ft. ± 0.45 Acres c. Limit of Disturbed Area: $\pm 16,958$ Sq. Ft. ± 0.39 Acres d. Building Coverage of Site: ±0.08 Acres and ±17.8 % of Gross Area (Proposed) HOWARD COUNTY, MARYLAND CHESTNUT HILL PLAT BOOK 4/18 1. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKSIBUREAU OF H. HWANG GWO JIUNN & ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE STEPHANIE MENG CHIA BIHV P. 354, LOT-2 2 THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS 3215175 ZONED R20 munumman 3.THE EXISTING TOPOGRAPHY AND SITE ELEMENTS ARE TAKEN FROM AERIAL TOPOGRAPHY FLOWN BY 3DI, LLC. DATED 1/13/2001 AND SUPPLEMENTED BY DMW FIELD SURVEY, DATED 4. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT 17FA AND 24C2 WERE USED FOR THIS PROJECT. 5. A STORMWATER MANAGEMENT FACILITY IS NOT REQUIRED FOR THIS PROJECT. WATER PROVIDE POSITIVE DRAINAGE WITHIN THE RIGHT-OF-WAY 6.EX.UTILITIES ARE BASED ON EX.HOWARD CO.RECORDS AND FIELD SURVEY BY DMW DATED MARCH 2002. TO EXISTING CULVERT. THE CULYERT SHALL BE FLUSHED 7. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE 8. SHC ELEVATION IS NOTED ON PROPOSED DWELLING. FAIRMOUNT MANAGEMENT CO p. 69, LOT 1 _____ 9. FOR DRIVEWAY ENTRANCE DETAILS, REFER TO THE HOWARD COUNTY DESIGN MANUAL, . 30' BUILDING RESTRICTION LINE VOLUME IV. STANDARD DETAIL R-6.06. 5613/ 257 LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE, OF A PUBLIC ROAD (1000 S.F. = 0.023 AC.±)(F-03-19) 19,643 S.F. A.IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS BAY WINDOWS, CHIMNEYS, OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS. * OPEN OR CLOSED, MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR B.NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE REQUIRED FF=435.00 LL=426.33 C. DRIVEWAY SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLING TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY MCE 421.70 VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS: a. WIDTH -- 12' (14' SERVING MORE THAN ONE RESIDENCE); b. SURFACE -- 6" OF COMPACTED CRUSHER RUN BASE WI TAR AND CHIP COATING (1-1/2" MIN.); RONALD P. & C. GEOMETRY -- MAX 15% GRADE, MAX 10% GRADE CHANGE AND MIN. 45' TURNING RAD; ERA JEANNE MELVIN d. STRUCTURES (CULVERTS/BRIDGES) -- CAPABLE OF SUPPORTING & DRAINAGE ELEMENTS -- CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE: P. 345, LOT 4 EMAINTENANCE -- SUFFICIENT TO INSURE ALL WEATHER USE P. 69, NON-BUILDABLE BULK PARCEL A 1651/620 11, FOREST CONSERVATION EASEMENTS HAVE BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS ZONED R20 OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY RETAINING 0.63 +/- ACRES OF EXISTING FOREST WITH THE RECORDING OF F-03-019. 12. THERE ARE NO STREAMS, WETLANDS, OR ASSOCIATED BUFFERS ON THIS SITE. 13. THERE ARE NO KNOWN CEMETERIES ON SITE. 14. THIS PROJECT IS SUBJECT TO THE 5TH EDITION OF THE SUBDIVISION AND 15. LANDSCAPING WILL BE PROVIDED IN ACCORDANCE TO THE LANDSCAPE PLAN SHOWN ON SHEET 2 AND THE FINANCIAL SURETY IN THE AMOUNT OF \$2100 (\$1500 FOR 5 SHADE TREES AND \$600 FOR 4 EVERGREEN TREES) WILL BE POSTED WITH THE BUILDER'S GRADING: PERMIT THESE PLANS FOR SOIL EROSION AND USE-IN-COMMON INGRESS AND EGRESS EASEMENT FOR LOTS 1,2,3 AND NON-BUILDABLE BULK PARCEL A THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL. N>78°38'25" W 339.24' farment march PRZYBYLA PROPERTY CERTIFICATION BY THE DEVELOPER: LOTS 1-3 "IAWE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE 990/143 ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL ZONED R20 INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION 3065 - 1" BIT. CONC. SURFACE COURSE (SF) --- 20" BIT. CONC. BASE - 4" GRADED AGGREGATE BASE (GAB) - COMPACTED SUBGRADE CERTIFICATION BY THE ENGINEER: "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL" NOTE: STANDARD SECTION FOR CONSERVATION DISTRICT." CBR VALUE 7. FINAL PAYEMENT SHALL BE CONFIRMED BY GEO TECHNICAL ENGINEER BASED ON ACTUAL SUB-GRADE CONDITIONS PRIOR TO PAYING

10-20-03

LEGEND

PROPOSED HOME PLAN AND ELEVATION





SHEET INDEX

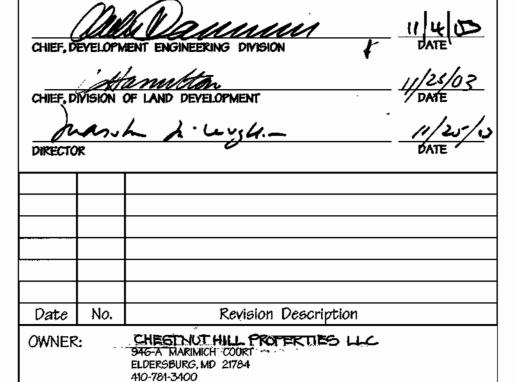
SHEET	DESCRIPTION		
1	SITE, GRADING, AND SEC PLAN		
2	LANDSCAPE PLAN		
3	SEDIMENT CONTROL NOTES & DETAILS		

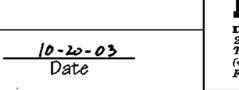
AD	ADDRESS CHART				
PARCEL NUMBERS	STREET ADDRESS				
LoT 1	3035 CHESTNUT HILL DR.				

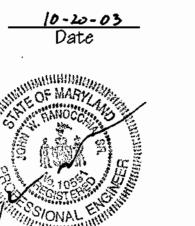
DATA SOURCES:

1. EXISTING TOPO INFORMATION SHOWN IS FROM AERIAL TOPOGRAPHY, FLOWN BY 301, LLC DATED JANUARY 13, 2001 AND DMW FIELD SURVEY DATED JAN. 2002.. 2. BOUNDARY-LIMITS SHOWN FROM DMW SURVEY DATED JANUARY 2002. 3. EXISTING UTILITIES SHOWN ARE FROM EXISTING HOWARD CO. RECORDS AND FIELD SURVEY BY DMW DATED JAN. 2002.

APPROYED: HOWARD COUNTY DEPT. OF PLANNING & ZONING







LOT 1 -- SITE, GRADING, & SEDIMENT AND EROSION CONTROL PLAN

RACHUBA HOME BUILDERS, LLC

946-A MARIMICH COURT

ELDERSBURG, MD 21784

Scale 1"=20' Proj. No. 00091.C Date 10-20-03 1 OF 3

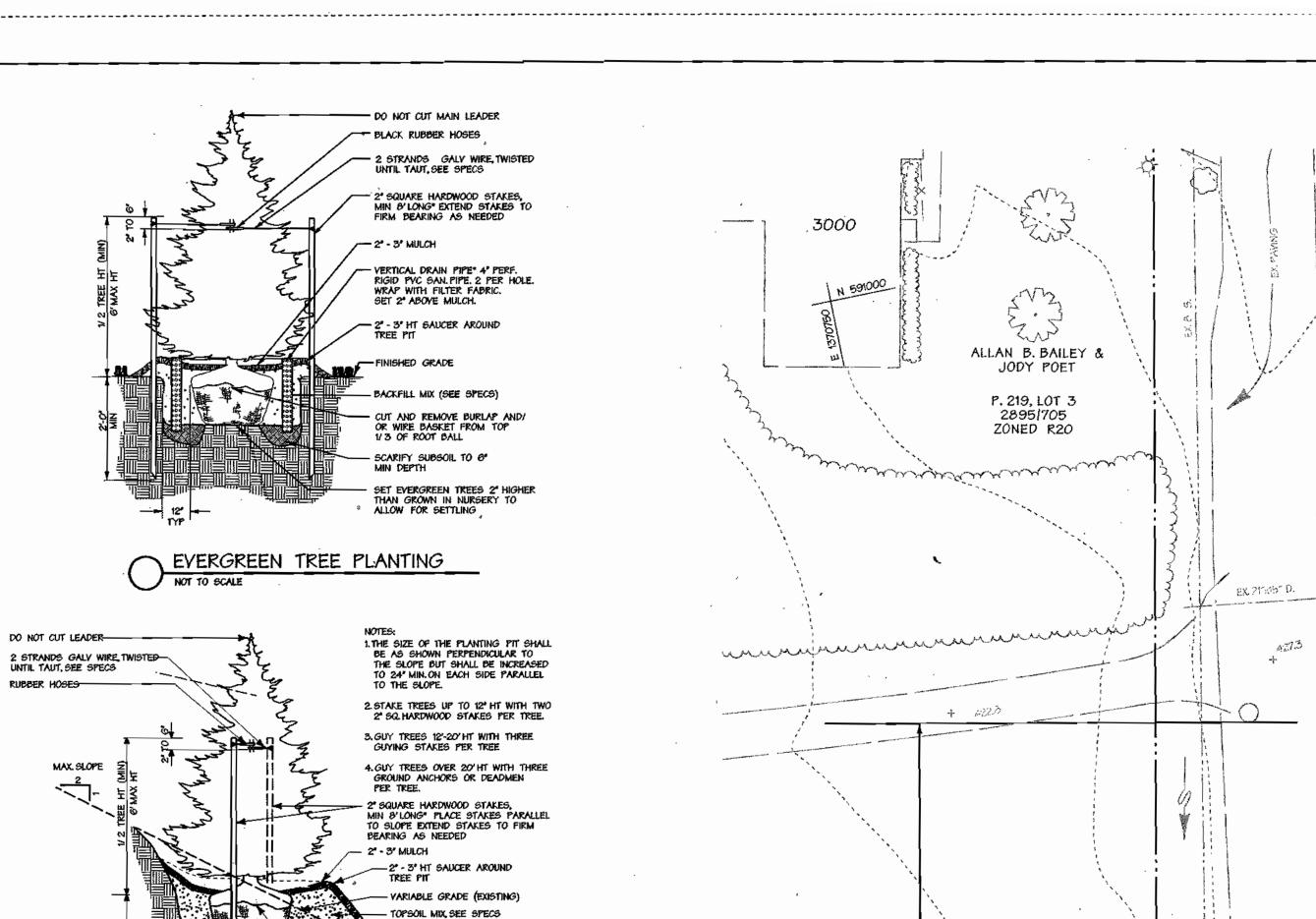
P. 69, LOT 1

FAIRMOUNT MANAGEMENT CO.

5613/257

14333 CHESTNUT CREST

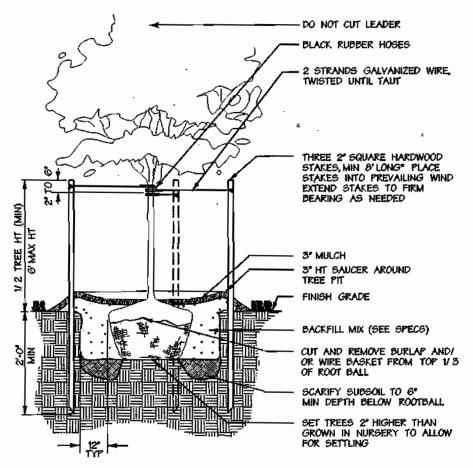
Professional Engr. No. 1957



EVERGREEN TREE PLANTING ON SLOPE

- SCARIFY SUBSOIL TO 6"

CUT AND REMOVE BURLAP FROM TOP 1/3 OF ROOT BALL



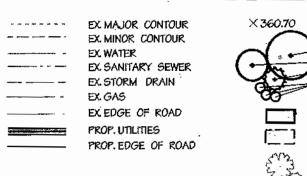
TREE PLANTING 21/2- 3" CALIPER

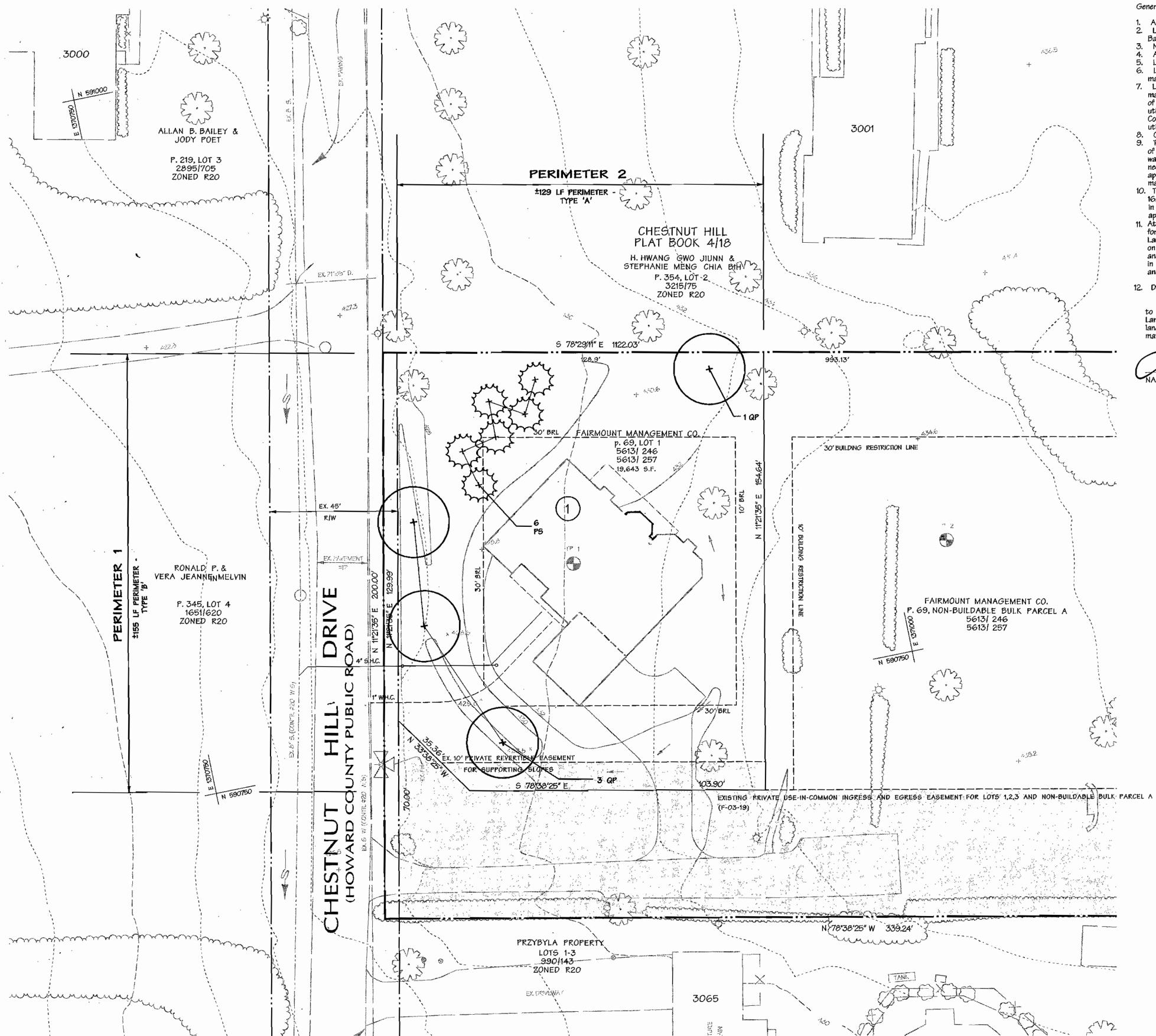
PL.	PLANT LIST					
QTY	SYM	BOTANICAL NAME/ COMMON NAME	SIZE	REMARKS		
LARG	E TREE	E S				
4	QP	QUERCUS PHELLOS Willow Oak	2 1 / 2" - 3" CAL. 12' - 14' HT.	B & B FULL HEAD		
EVER	GREEN	TREES				
6	P S	PINUS STROBUS	6' - 8' HT.	В & В		

LEGEND

EX EASEMENT

EX. TREES AND SHRUBS.





General Planting Notes

All plant material to meet A.A.N. Standards.
 Landscape Contractor to follow landscape specification guidelines for

Baltimore Washington Metro area approved by LCAMW. 3. No substitutions to be made without consent of Landscape Architect or Owner.

All beds to be topped with three inches of hardwood mulch.
Landscape Contractor to verify location of utilities with Owner before planting. 6. Landscape Architect/Owner shall select, verify and/or approve all plant

material. At Owner's discretion, specimen and other plant material will be selected. 7. Landscape Contractor shall coordinate plant bed filling operations and plant material installation with General Contractor and Utilities Contractor. At the time of final inspection with acceptance, all electric, water, drainage, and fountain utilities, as well as all plant materials, shall remain undamaged. Likewise, Landscape Contractor and Utilities Contractor shall coordinate efforts to ensure that surface

utilities are at the proper elevation relative to final grades. 8. Contractor shall notify Miss Utility 72 hours prior to construction.
9. The owner, tenant, and/or their agents shall be responsible for maintenance of the required landscaping, including both plant materials and berms, 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. 10. This plan has been prepared in accordance with the provisions of Section 16.124 of the Ho. Co. code. Financial surety for the required landscaping in the amount of \$2,100.00 must be posted as part of the builders grading permit

application (5 shade trees, 4 evergreen required).

11. At the time of installation, all shrubs and other plantings herewith listed and approved for this site, shall be of proper height requirements in accordance with the Howard County Landscape Manual in addition, no substitutions or relocation of required plantings as shown on this plan may be made without prior approval from the Department of Planning and Zoning. Any deviation from this approved Landscape Plan may result in denial or delay in the release of landscape surety until such time as all required materials are planted and/or revisions are made to applicable plans and certificates.

12. Developer's/Builder's Certificate

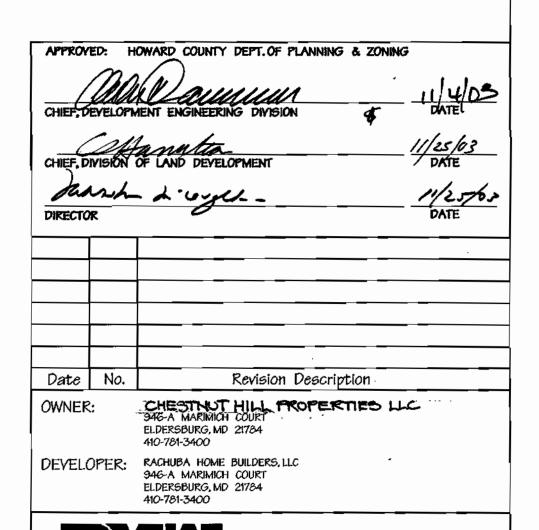
I/we certify that the landscaping shown on this plan will be done according to the plan, Section 16.124 of the Howard County code and the Howard County Landscape Manual. I/we further certify that upon completion, a certification of landscape installation, accompanied by an executed one-year guarantee of plant materials, will be submitted to the Department of Planning and Zoning.

SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	ADJACENT to ROADWAYS	ADJACENT to PERIM. PROPERTIES
LANDSCAPE TYPE "A"		P 2
LINEAR FEET OF PERIMETER		129 LF.
LANDSCAPE TYPE "B"	P 1	-
LINEAR FEET OF PERIMETER	156 LF.	
CREDIT FOR EXISTING VEGETATION (DESCRIBE BELOW IF NEEDED)	N/A	N/A
NUMBER OF PLANTS REQUIRED SHADE TREES EYERGREEN TREES SHRUBS	3 4 0	2 0 0
NUMBER OF PLANTS PROVIDED SHADE TREES EVERGREEN TREES OTHER TREES (2:1 SUBSTITUTION) SHRUBS (10:1 SUBSTITUTION) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	3 4 0	1 2 0

PERIMETER LANDSCAPE REQUIREMENTS FOR BULK PARCEL 'A' ARE TO BE FULFILLED AS PART OF THE FUTURE, MAJOR SUBDIVISION.

PERIMETER 2: 2 EVERGREEN TREES ARE SUBSTITUTED FOR ONE SHADE TREE.



1. EXISITING TOPO INFORMATION SHOWN IS FROM AERIAL TOPOGRAPHY, FLOWN BY 3DI, LLC DATED JANUARY 13, 2001. 2. BOUNDARY LIMITS SHOWN FROM DMW SURVEY DATED JANUARY 2002. 3. EXISTING UTILITIES SHOWN ARE FROM EXISTING HOWARD CO. RECORDS AND FIELD SURVEY BY DMW DATED JAN. 2002.

200 East Pennsylvania Avenue Towson, Maryland 21286 (410) 296–3333 OTIPARCEL # 2.69 LOT !

CHESTNUT CREST R20 18 CHESTNUT CREST

LOT 1 - LANDSCAPE PLAN AND DETAILS Proj. No. 00091.C Scale 1"=20'

Landscape Architect No.551 Chk By MM / RLN Approved

 $\cdot 2$ OF 3

Date 10-20-03

vegetation. 1, A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1855) 2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE "1994 MARYLAND" STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL" AND REVISIONS 3. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY **DUST CONTROL SPECIFICATIONS** STABILIZATION SHALL BE COMPLETED WITHIN: A. SEVEN CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, TEMPORARY METHODS: 1. MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY, MULCH PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1. B. FOURTEEN DAYS AS TO ALL OTHER DISTURBED OF GRADED AREAS ON THE PROJECT SITE. SHOULD BE CRIMPED OR TACKED TO PREVENT BLOWING. 4. ALL SEDIMENT TRAPS/BASING SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND 2. VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER. THEIR PERIMETER IN ACCORDANCE WITH YOL 1, CHAPTER 12, OF THE "HOWARD COUNTY DESIGN 3. TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS AN EMERGENCY MANUAL", STORM DRAINAGE. MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS, BEGIN PLOWING ON d. The soil is so acidic that treatment with limestone is not feasible. WINDWARD SIDE OF SITE, CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING-TOOTHED 5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE "1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE EROSION AND SEDIMENT CONTROL" FOR PERMANENT SEEDINGS, SODS, TEMPORARY SEEDING AND MULCHING (SECTION G). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY 4. IRRIGATION - THIS IS GENERALLY DONE AS AN AN EMERGENCY TREATMENT. SITE IS SPRINKLED BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND WITH WATER UNTIL THE SURFACE IS MOIST, REPEAT AS NEEDED, AT NO TIME SHOULD THE on the plans. SITE BE IRRIGATED TO THE POINT THE RUNOFF BEGINS TO FLOW. ESTABLISHMENT OF GRASSES. 6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED 5. BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, STRAW BALES, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR. PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 10 TIMES 7. SITE ANALYSIS: THEIR HEIGHT ARE AFFECTIVE IN CONTROLLING SOIL BLOWING. 0.45 ACRES TOTAL AREA OR SITE 6. CALCIUM CHLORIDE - APPLY AT A RATE THAT WILL KEEP SURFACE MOIST. MAY NEED AREA DISTURBED 0.39 ACRES RETREATMENT. AREA TO BE ROOFED OR PAVED 0.11 ACRES AREA TO BE VEGETATIVELY STABILIZED 0.28 ACRES TOTAL CUT 102 CUBIC YARDS 1. PERMANENT VEGETATION - SEE STANDARDS FOR PERMANENT VEGETATIVE COVER, AND TOTAL FILL 102 CUBIC YARDS PERMANENT STABILIZATION WITH SOD. EXISTING TREES OR LARGE SHRUBS MAY AFFORD OFF-SITE WASTE/BORROW AREA LOCATION WASTE = 0 VALUABLE PROTECTION IF LEFT IN PLACE. 8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR 2. TOPSOILING - COVERING WITH LESS EROSIVE SOIL MATERIALS. SEE STANDARDS FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE. 9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE 3. STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL. 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 LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER. U.S. DEPARTMENT OF AGRICULTURE MARYLAND DEPARTMENT OF ENVIRONMENT H - 30 -1 WATER MANAGEMENT ADMINISTRATION SOIL CONSERVATION SERVICE Sedctrl.cel/HOGENN Sediment Control General Notes **Topsoil Specifications Dust Control Specifications** Not To Scale Not To Scale PERMANENT SEEDING NOTES APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED 10' MAXIMUM CENTER TO CENTER - 36° minimum length fence post DRIVEN A MINIMUM OF 16" INTO GROUND 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 RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES: 1. <u>PREFERRED</u> - APPLY 2 TONS PER ACRES DOLOMITIC LIMESTONE (92 LBS/1000 SQ.FT.) AND 1000 LBS.PER 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. PER ACRE SILT FENCE IS CALLED FOR 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) 5' MAXIMUM CENTER TO 2. ACCEPTABLE - APPLY 2 TOMS PER ACRES DOLOMITIC LIMESTONE (92 LBS/1000 5Q.FT.) AND CENTER SHALL APPLY. 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS. 11000 SQ.FT.) BEFÖRE SEEDING. HARROW OR PERSPECTIVE VIEW DISK INTO UPPER THREE INCHES OF SOIL. POST LENGTH SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE (1.4 LBS/1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31 SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (.05 LBS/1000 SQ.FT.) OF WEEPING LOYEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT SITE BY: OPTION (1) - 2 TONS PER ACRE OF WELL ANCHORED STRAW embed geotextile class F MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (2) - USE SOD, OPTION (3) - FENCE POST DRIVEN A MINIMUM OF BY VERTICALLY VI SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL MINIMUM OF 16" INTO INTO THE GROUND MULCHING - APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ.FT.) OF UNROTTED CROSS SECTION SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING, ANCHOR MULCH IMMEDIATELY AFTER APPLICATIONS USING MULCH ANCHORING TOOL OR 218 GALLONS PER ACRE (5 GAL/1000 SQ.FT.) STANDARD SYMBOL OF EMULSIFIED ASPHALT ON FLAT AREAS.ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL/1000 SQ.FT.) FOR ANCHORING. _____D5F<____ MAINTENANCE - INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDING. ENCE SECTIONS - DOUBLE STAKED TEMPORARY SEEDING NOTES CONSTRUCTION SPECIFICATIONS 1. FENCE POSTS SHALL BE A MINIMUM OF 36' LONG DRIVEN 16' MINIMUM INTO THE GROUND, WOOD APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM 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 II SECTION WEIGHTING NOT LESS THAN LOO POUND PER LINEAR FOOT. SEEDBED PREPARATION - LOOSEN UPPER THREE INCHES OF SOIL BE RAKING, DISKING OR OTHER 2. GEOTEXTILE SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR ACCEPTABLE MEANS BEFORE SEEDING, IF NOT PREVIOUSLY LOOSENED. STAPLES AT TOP AND MID-SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR SOIL AMENDMENTS - APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ.FT.) 50 lbs/in (Min.) 20 lbs/in (Min.) TENSILE STRENGT TENSILE MODULUS TEST: MSMT 509 SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 15 OCTOBER 15 SEED WITH FLOW RATE 0.3 GAL FT/MIN (MAX) TEST: MSMT 322 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ.FT.), FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOYEGRASS (.07 LBS/1000 SQ.FT.), FOR THE FILTERING EFFICIENCY TEST: MSMT 322 3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED PERIOD NOVEMBER 16 THRU FEBRUARY 28 PROTECT SITE BY APPLYING 2 TONS PER ACRE OF FOLDED AND STAPLED TO PREVENT SEDIMENT BYPASS. WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OR USE SOD. 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 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, ON SLOPES 8 FT. OR HIGHER, USE 348 GAL PER ACRE LB. DEPARTMENT OF AGRICULTURE (8 GAL/1000 SQ.FT.) FOR ANCHORING. REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED. Silt Fence Temporary and Permanent Seeding Notes Not To Scale OWNER'S CERTIFICATION: "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING **ENGINEER'S CERTIFICATION:** TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS BEGINNING THE PROJECT.IALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD OF THE HOWARD SOIL CONSERVATION DISTRICT." <u>/U-2u-U3</u> U.S. DEPARTMENT OF AGRICULTURE 10-17-03 SIGNATURE OF DEVELOPER PRINT NAME BELOW SIGNATURE Perimeter Dike /Swale

FOR SEDIMENT CONTROL / STABILIZATION PURPOSES

21.0 STANDARD AND SPECIFICATIONS

Placement of topsoil over a prepared subsoil prior to establishment of permanent

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.

Conditions Where Practice Applies

I. 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.

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

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 mixture of contrasting textured subsoils and shall contain less than 5% by volume of cinders, stones, slags, coarse fragments, gravel sticks, roots, trash, and other materials larger 11/2 inch in diameter.

ii. Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, 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.

EXISTING GROUND -

Mountable Berm Detail

6" MIN. CAP

OF 2" STONE -

BERM No. HEIGHT

II. 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 1 - Vegetative Stabilization Methods and

III. 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 followina: a. 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. b. Organic contents 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

d. No sod 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

3' MIN.

FILTER CLOTH SHALL BE GEOTEXTILE CLASS 'C', OR BETTER

1. When topsolling, maintain needed erosion and sediment control practices such as diversions, Grade Stabilization Structures, Earth Dikes, Slop Silt Fence and Sediment Traps and Basins.

ii. Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 8" higher in elevation.

ili. Topsoil shall be uniformly distributed in a 4" - 8" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding 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 excessively wet or in a condition that may otherwise be detrimental to proper grading and seedbed preparation.

18" MIN. COMPACTED

UNDER 6" OF STONE

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NOT TO SCALE

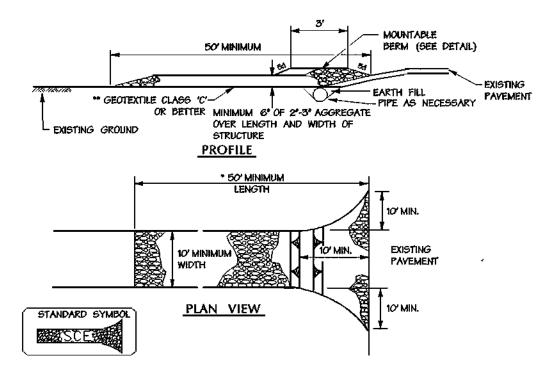
/0-20-03

Date

Professional Engr. No. 10551

EARTH CORE

- FILTER CLOTH



CONSTRUCTION SPECIFICATIONS 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

3. GEOTEXTILE FABRIC CLASS C (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. "THE PLAN APPROYAL 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

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.

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.

MEASURES AND STABILIZE.

F - 17 - 3

MARYLAND DEPARTMENT OF ENVIRONMEN

Stabilized Construction Entrance

Sequence of Construction 1. OBTAIN A GRADING PERMIT. 2. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AND STABILIZE. 3. WHILE CONSTRUCTING UTILITIES THE LIMIT-OF -DISTURBANCE SHALL INCLUDE ONLY THREE (3) PIPE LENGTHS OR THAT WHICH WILL BE BACKFILLED AND STABILIZED IN ONE WORK DAY. — 4. CONSTRUCT HOUSE 5. STABILIZE ALL AREAS IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS, FLUSH EXISTING CULVERT IN CHESTNUT HILL DRIVE. -6. UPON APPROVAL OF THE EROSION AND SEDIMENT CONTROL INSPECTOR, REMOVE ALL EROSION AND SEDIMENT CONTROL

COMPACTED EARTH-1' MIN. 6" MIN. ALL SLOPES 2: OR FLATTER CROSS SECTION <u>slope</u> 0.5% Min. PROVIDE POSITIVE DRAINAGE 10.0% MAX. STABILIZATION PLAN VIEW PD/S-1 SEED AND MULCH (DRAINING = 1 ACRE) STANDARD SYMBOL PD/S-2 SEED AND COVER WITH SOIL STABILIZATION MATTING OR LINE WITH SOD (DRAINING BETWEEN 1 AND 2 ACRES)

CONSTRUCTION SPECIFICATIONS

1, ALL PERIMETER DIKE/SWALES SHALL HAVE AN UNINTERRUPTED POSITIVE GRADE TO AN OUTLET. SPOT ELEVATIONS MAY BE NECESSARY FOR GRADES

2. RUNOFF DIVERTED FROM A DISTURBED AREA SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE. 3. RUNOFF DIVERTED FROM AN UNDISTURBED AREA SHALL OUTLET INTO AN

UNDISTURBED STABILIZED AREA AT A NON-EROSIVE VELOCITY.

4. THE SWALE SHALL BE EXCAVATED OR SHAPED TO LINE, GRADE, AND CROSS-SECTION AS REQUIRED TO MEET THE CRITERIA SPECIFIED IN THE

5. FILL SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.

A -5 -5

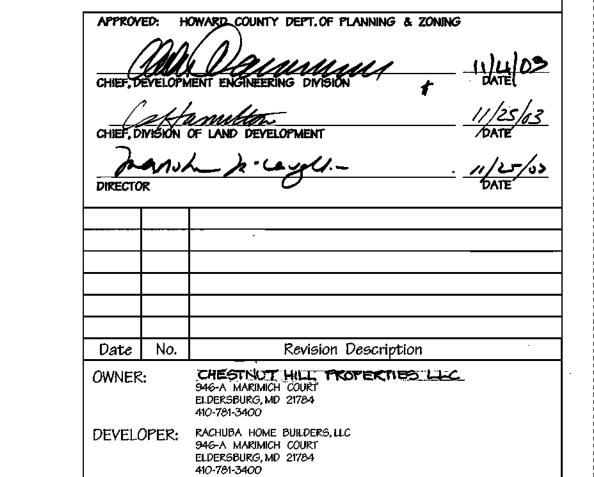
6. STABILIZATION WITH SEED AND MULCH OR AS SPECIFIED OF THE AREA DISTURBED BY THE DIKE AND SWALE SHALL BE COMPLETED WITHIN 7 DAYS UPON

7. INSPECTION AND REQUIRED MAINTENANCE SHALL BE PROVIDED AFTER EACH

NOTE: THE MAXIMUM DRAINAGE AREA FOR THIS PRACTICE IS 2 ACRES.

MARYLAND DEPARTMENT OF ENVIRONMENT

Not To Scale



TITLE

A Team of Land Planners, Landscape Architects Engineers, Surveyors

Fax 296-4705 P. 69, LOT 1 CHESTNUT CREST 820 18°

CHESTNUT CREST

LOT 1 - SEDIMENT CONTROL NOTES AND DETAILS

Scale AS NOTED Proj. No. 00091.C Des By DWR Dm By DWR Date 10-20-03 3 OF 3 Chk By JWR / RLN Approved

SDP-03-69

Fri Oct 17 10:56:26 2003 nt\0009t\0009tc\0009tc\cd

SITE ANALYSIS DATA CHART **LEGEND** 1. General Site Data SITE DEVELOPMENT PLAN a. Present Zoning: R-20 b. Applicable DPZ File References: SP#01-10, F-03-19 CHESTNUT CREST c. Proposed Use of Site or Structure(s): Single Family Detached Residence d. Proposed Water and Sewer Systems: X Public - Private COUNTY MEDICAL RESEARCH e. Any Other Information Which May be Relevant: b. Area of This Plan Submission: $\pm 19,643.0$ Sq. Ft. ± 0.45 Acres c. Limit of Disturbed Area: $\pm 16,958$ Sq. Ft. ± 0.39 Acres d. Building Coverage of Site: ± 0.08 Acres and ± 17.8 % of Gross Area (Proposed) MMMM Existing Tree Line HOWARD COUNTY, MARYLAND BENCHMARKS CHESTNUT HILL PLAT BOOK 4/18 PROPOSED HOME PLAN AND ELEVATION 1. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF H. HWANG GWO JIUNN & ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE STEPHANIE MENG CHIA BIHV 2. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS 3215/75 munumin 3. THE EXISTING TOPOGRAPHY AND SITE ELEMENTS ARE TAKEN FROM AERIAL TOPOGRAPHY FLOWN BY 301, LLC. DATED 1/13/2001 AND SUPPLEMENTED BY DMW FIELD SURVEY, DATED 4. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT 17FA AND 24C2 WERE USED FOR THIS PROJECT. 5. A STORMWATER MANAGEMENT FACILITY IS NOT REQUIRED FOR THIS PROJECT, WATER QUALITY IS PROVIDED IN A GRASS SWALE FOR THE AREAS THAT DO NOT MEET THE 75 FEET ITHIN THE RIGHT-OF-WAY 6. EX. UTILITIES ARE BASED ON EX. HOWARD CO. RECORDS AND FIELD SURVEY BY DMW EXISTING CULVERT. THE T SHALL BE FLUSHED \ "A" BRENDA 7. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE. 8. SHC ELEVATION IS NOTED ON PROPOSED DWELLING. 9. FOR DRIVEWAY ENTRANCE DETAILS, REFER TO THE HOWARD COUNTY DESIGN MANUAL, 30' BUILDING RESTRICTION LINE 10. THE PROPERTY IS ZONED R-20 PER THE 1993 COMPREHENSIVE ZONING PLAN. SHEET INDEX LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR THE PURPOSE, OF A PUBLIC ROAD (1000 S.F. = 0.023 AC. ±)(F-03-19) A.IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS BAY WINDOWS, CHIMNEYS, OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH DESCRIPTION MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS, OPEN OR CLOSED, MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR SITE, GRADING, AND SEC PLAN LANDSCAPE PLAN B. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE REQUIRED WETLANDS, STREAM(S), OR THEIR BUFFERS AND FOREST CONSERVATION EASEMENT SEDIMENT CONTROL NOTES & DETAILS LL=429.15 C. DRIYEWAY SHALL BE PROYIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY MCE 421.70 a. WIDTH -- 12' (14' SERVING MORE THAN ONE RESIDENCE) ADDRESS CHART b. SURFACE -- 6" OF COMPACTED CRUSHER RUN BASE WI TAR AND CHIP COATING (1-1/2" MIN.); RONALD P. & C. GEOMETRY -- MAX 15% GRADE, MAX 10% GRADE CHANGE AND MIN. 45' TURNING RAD; d. STRUCTURES (CULYERTS/BRIDGES) -- CAPABLE OF SUPPORTING ERA JEANNE MELYIN STREET ADDRESS PARCEL NUMBERS e Drainage Elements -- Capable of Safely Passing 100-year flood with No 3035 CHESTNUT HILL DR. FAIRMOUNT MANAGEMENT CO. MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE; P. 345, LOT 4 f. MAINTENANCE -- SUFFICIENT TO INSURE ALL WEATHER USE. ².69,NON-BUILDABLE BULK PARCEL A 1651/620 11. FOREST CONSERVATION EASEMENTS HAVE BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION BY RETAINING ZONED R20 5613/ 257 0.63 +/- ACRES OF EXISTING FOREST WITH THE RECORDING OF F-03-019. 12. THERE ARE NO STREAMS, WETLANDS, OR ASSOCIATED BUFFERS ON THIS SITE. 13. THERE ARE NO KNOWN CEMETERIES ON SITE. DATA SOURCES: 14. THIS PROJECT IS SUBJECT TO THE 5TH EDITION OF THE SUBDIVISION AND 1. EXISTING TOPO INFORMATION SHOWN IS FROM AERIAL TOPOGRAPHY, LAND DEVELOPMENT REGULATIONS. FLOWN BY 3DI, LLC DATED JANUARY 13, 2001 AND DMW FIELD SURVEY 15. LANDSCAPING WILL BE PROVIDED IN ACCORDANCE TO THE LANDSCAPE PLAN SHOWN ON 2. BOUNDARY-LIMITS SHOWN FROM DMW SURVEY DATED JANUARY 2002. 3. EXISTING UTILITIES SHOWN ARE FROM EXISTING HOWARD CO. RECORDS SHEET 2 AND THE FINANCIAL SURETY IN THE AMOUNT OF \$2100 (\$1500 FOR 5 SHADE TREES AND \$600 FOR 4 EVERGREEN TREES) WILL BE POSTED WITH THE BUILDER'S GRADING PERMIT AND FIELD SURVEY BY DMW DATED JAN. 2002. APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF HOWARD SOIL EXISTING PRIVATE USE-IN-COMMON INGRESS AND EGRESS EASEMENT FOR LOTS 1,2,3 AND NON-BUILDABLE BULK PARCEL A pranch b. wysu. DRAINAGE CULVERT PER -THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET THE TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL. REVISED FF & ABSOCIATED GRADES Revision Description N 78°38'25" W 339.24' farment parameter . CHESTNUT HILL PROPERTIES LLC 946-A MARIMICH COURT OWNER: PRZYBYLA PROPERT CERTIFICATION BY THE DEVELOPER: LOTS 1-3 ELDERSBURG, MD 21784 "IWE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE 990/143 410-781-3400 ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL ZONED R20 DEVELOPER: RACHUBA HOME BUILDERS, LLC INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF ENVIRONMENT APPROVED 946-A MARIMICH COURT TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE ELDERSBURG, MD 21784 BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION — 1" BIT. CONC. SURFACE COURSE (SF) 3065 BY THE HOWARD SOIL CONSERVATION DISTRICT." - 2.0" BIT. CONC. BASE - 4" GRADED AGGREGATE BASE (GAB) COMPACTED SUBGRADE A Team of Land Planners, 10-20-03 Landscape Architects, Date Fax 296-4705 P. 69, LOT 1 CERTIFICATION BY THE ENGINEER: "I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT 14333 1 CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE **CHESTNUT CREST** CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL NOTE: STANDARD SECTION FOR CONSERVATION DISTRICT." CBR YALUE 7. FINAL PAYEMENT LOT 1 -- SITE, GRADING, & SEDIMENT SHALL BE CONFIRMED BY GEO AND EROSION CONTROL PLAN TECHNICAL ENGINEER BASED ON ACTUAL SUB-GRADE Scale 1"=20' Proj. No. 00091.C 10-20-03 Driveway Paving Detail Date 10-20-03 1 OF 3 Professional Engr. No. 1057