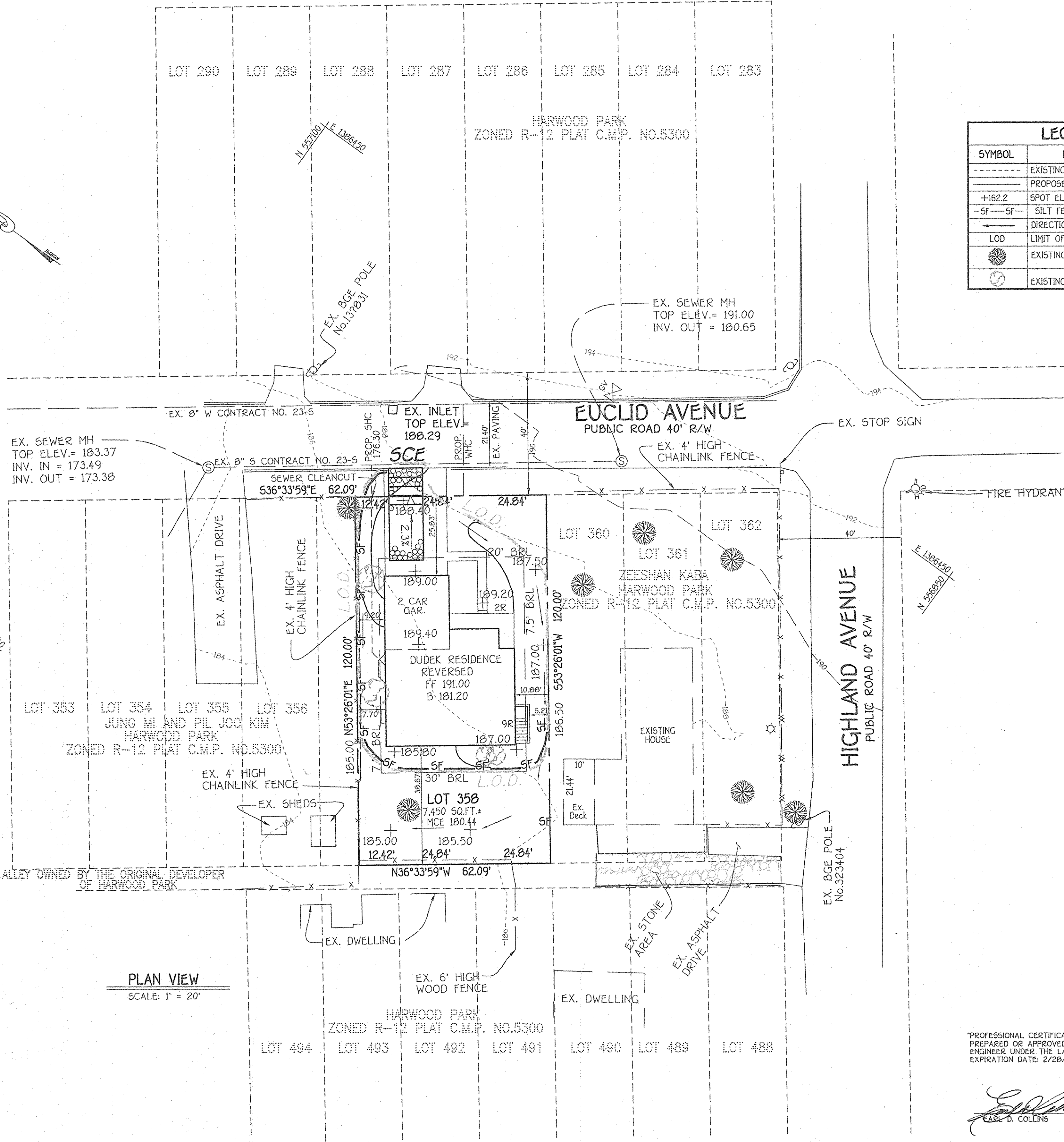
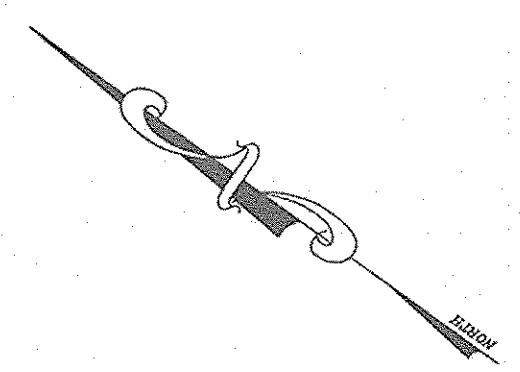


DUDEK RESIDENCE
SCALE: 1" = 20'



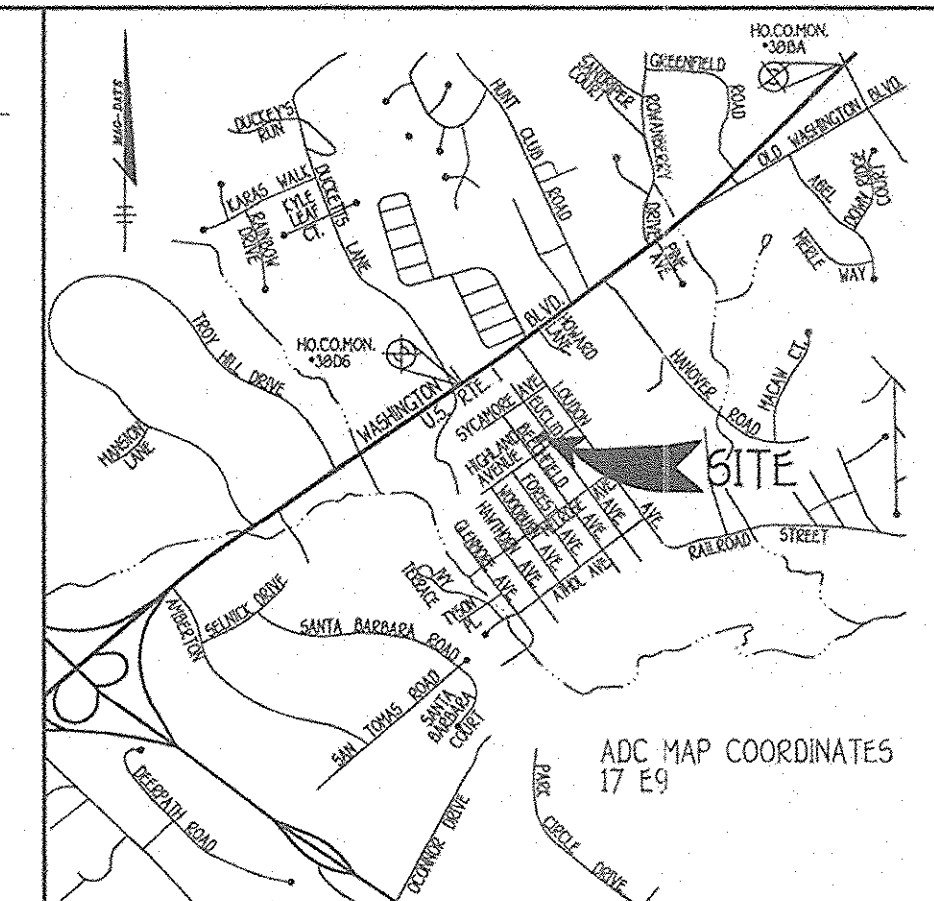
PLAN VIEW
SCALE: 1" = 20'

HOWARD COUNTY CONTROL STATIONS

388A
N. 582553.278 FT.
E. 1390967.927 FT.
ELEVATION 166.944 FT.

3806
N. 557054.459 FT.
E. 1384992.281 FT.
ELEVATION 175.222 FT.

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR, 2' INTERVAL
- - - -	PROPOSED CONTOUR
+162.2	SPOT ELEVATION
SF - SF	SILT FENCE
→	DIRECTION OF DRAINAGE
---	LIMIT OF DISTURBANCE
(Tree symbol)	EXISTING TREES TO BE SAVED
(Tree symbol)	EXISTING TREES TO BE REMOVED



VICINITY MAP
SCALE: 1" = 2000'

GENERAL NOTES

- SUBJECT PROPERTY ZONED R-12 PER THE 2/02/04 COMPREHENSIVE ZONING PLAN AND THE COMP LITE ZONING AMENDMENTS DATED 7/28/06.
- COORDINATES BASED ON MD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 388A AND NO. 3806.
- TOPOGRAPHIC AND BOUNDARY SURVEY COMPLETED BY FISHER, COLLINS AND CARTER, INC. IN MAY OF 2007.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - WIDTH - 12 FEET (6 FEET SERVING MORE THAN ONE RESIDENCE)
 - SURFACE - SIX (6) INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING, 1/2" MINIMUM
 - GEOMETRY - MAXIMUM 15 RADIUS
 - STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (425-LOADING)
 - DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER SURFACE
 - STRUCTURE CLEARANCES - MINIMUM 12 FEET
 - MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE
- THE CONTRACTOR SHALL NOTIFY "MES UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- CONTRACTOR SHALL CHECK SEWER HOUSE CONNECTION ELEVATION AT PROPERTY LINE PRIOR TO CONSTRUCTION.
- FOR DRIVEWAY ENTRANCE DETAILS REFER TO HO. CO. DESIGN MANUAL VOL. IV DETAILS R.6.05.
- SITE ANALYSIS DATA:
 - TOTAL PROJECT AREA: 7451 sq. ft. + OR .1711 AC.
 - TOTAL AREA OF IMPERVIOUS SURFACE PROPOSED: 2775 SQ.FT. OR 0.0637 AC.
 - PROPOSED BUILDING COVERAGE: 35%
 - LIMIT OF DISTURBED AREA: 4943 SQ. FT.
 - NUMBER OF UNITS PROPOSED: 1
 - PROPOSED USE OF SITE: ONE SINGLE FAMILY RESIDENTIAL UNIT
 - PARKING SPACES REQUIRED: 2 SPACES
 - PARKING SPACES PROVIDED: 4 OFFSTREET SPACES
- THIS SITE IS EXEMPT FROM THE CURRENT LANDSCAPING REQUIREMENTS. THE DEVELOPMENT OF THESE EXISTING LOTS IS NOT SUBJECT TO THE REQUIREMENTS OF THE LANDSCAPE MANUAL SINCE HARWOOD PARK WAS GRANTED PRELIMINARY PLAN APPROVAL PRIOR TO THE EFFECTIVE DATE OF THE 1993 EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- THIS PROJECT IS EXEMPT FROM THE REQUIREMENTS OF SECTION 16.1202 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION IN ACCORDANCE WITH SECTION 16.1202(b)(1) OF THE ZONING REGULATIONS, SUBTITLE 12 PROVIDES FOR THE EXEMPTION OF LOTS WHICH HAD PRELIMINARY PLAN APPROVAL PRIOR TO THE EFFECTIVE DATE OF THE FOREST CONSERVATION ACT. THE LOTS IN HARWOOD PARK, WHICH WERE SUBDIVIDED IN THE 1890'S ARE RECOGNIZED AS HAVING THE EQUIVALENCY OF SUCH APPROVAL.
- THIS LOT IS EXEMPT FROM THE 2000 MARYLAND STORMWATER MANAGEMENT REQUIREMENTS SINCE THE TOTAL DISTURBED AREA IS LESS THAN 5000 SQUARE FEET.
- THE WATER HOUSE CONNECTION SHALL BE FOR INSIDE METER SETTING.
- THIS SDP IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003.
- THERE ARE NO WETLANDS, STREAMS OR FOREST CONSERVATION EASEMENTS LOCATED ON THIS PROPERTY.
- WP-08-037 WAS APPROVED ON DECEMBER 6, 2007 TO WAIVE SECTION 16.147 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, WHICH REQUIRES DEPARTMENT APPROVAL OF A FINAL PLAT FOR THE DIVISION OF LAND OR THE ADJUSTMENT IN PROPERTY BOUNDARIES. THE ADJOINER DEED WAS RECORDED AT LIBER 10957 FOLIO 262.

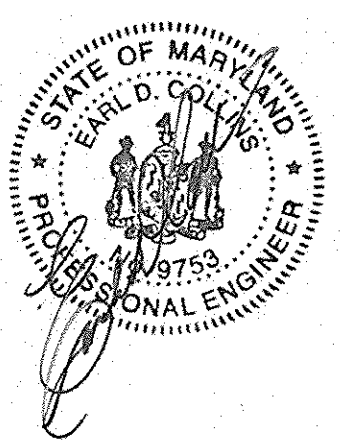
ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
356	6364 EUCLID AVENUE

INDEX CHART	
SHEET	DESCRIPTION
SHEET 1	SITE DEVELOPMENT AND LANDSCAPE PLAN
SHEET 2	SEDIMENT & EROSION CONTROL PLAN

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 47523, EXPIRATION DATE: 2/28/08.

Carl D. Collins
CARL D. COLLINS
12-27-07
DATE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10275 BALTIMORE NATIONAL PIKE
ELKLOTT CITY, MARYLAND 21846
4100 46 - 2895



ENGINEER'S CERTIFICATE
"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 Conservation District."

Carl D. Collins
Signature of Engineer
12-27-07
Date

BUILDER/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 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 Howard Soil Conservation District."

Mark Duede
Signature of Developer
12-22-07
Date

Reviewed for HOWARD SCD and meets Technical Requirements

U.S.D.A.-Natural Resources Conservation Service
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

John R. Robertson
Signature
1/7/08
Date

OWNER/BUILDER
MARK DUDEK
9238 MAXWELL COURT
LAUREL, MARYLAND 20723

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

John A. ...
Chief, Planning and Development
1/15/08
Date

...
Chief, Development Engineering Division
1/10/08
Date

Director - Department of Planning and Zoning

PROJECT: HARWOOD PARK SECTION: N/A LOTS NO. 1/2 356 (FORMERLY LOTS 1/2 357, 358 & 359)

PLAT C.M.P. 5300	BLOCK NO. 13	ZONE R-12	TAX 38	ELEC. DIST. FIRST	CENSUS TR. 601202
L. 10957	F. 262				

WATER CODE: A 02 SEWER CODE: 2152209

SITE DEVELOPMENT, SEDIMENT AND EROSION CONTROL PLAN

SINGLE FAMILY RESIDENTIAL UNIT
HARWOOD PARK
LOT 356
(FORMERLY LOTS 1/2 357, 358 AND 359)
PLAT NO. C.M.P. 5300
TAX MAP NO: 38 PARCEL NO.: 873 GRID NO.: 13
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: JULY, 2007
SHEET 1 OF 2

SDP.08.001

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2.0 STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION DEFINITION

Using vegetation as cover for barren soil to prevent it from being lost to erosion.

PURPOSE

Vegetative stabilization specifications are used to promote the establishment of vegetation on eroded soil. When soil is stabilized with vegetation, the soil is less likely to erode and more likely to allow infiltration of rainfall. thereby reducing sediment loads and runoff to downstream areas, and conserving wildlife habitat and visual resources.

CONDITIONS WHERE PRACTICE APPLIES

This practice shall be used on eroded areas to stabilize the soil and to help prevent erosion. It may be used on highly erodible or critically eroding areas. This specification is divided into Temporary Seeding, to quickly establish vegetative cover for short duration (up to one year), and Permanent Seeding for long term vegetative cover. Examples of applicable areas for Temporary Seeding are Temporary Soil Stabilization, cleared areas being left idle between construction phases, utility ditches, etc. and for Permanent Seeding are lawns, tennis courts, and fill areas and other areas of final grade, former athletic fields and playing areas, etc.

EFFECTS ON WATER QUALITY AND QUANTITY

Planting vegetation in eroded areas will have an effect on the water budget, especially on volume and rates of runoff. Infiltration, evaporation, transpiration, percolation, and groundwater recharge. Vegetation over the soil will increase organic matter content and improve the water holding capacity of the soil and subsequent plant growth. Vegetation will help reduce the movement of sediment, nutrients, and other chemicals carried by runoff to receiving waters. Plants will also help protect groundwater supplies by insulating these substances present within the root zone. Sediment control devices must remain in place during grading, seeded preparation, seeding, mulching and vegetative establishment to prevent these quantities of sediment and associated chemicals and nutrients from washing into surface waters.

SECTION 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS

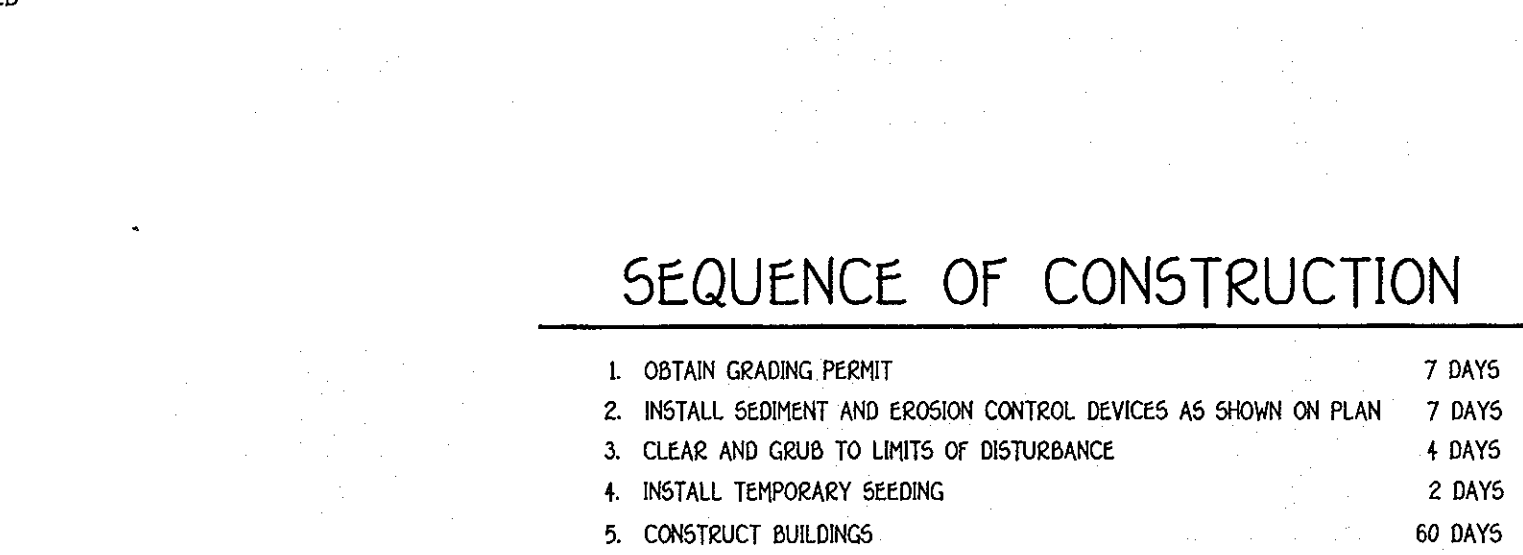
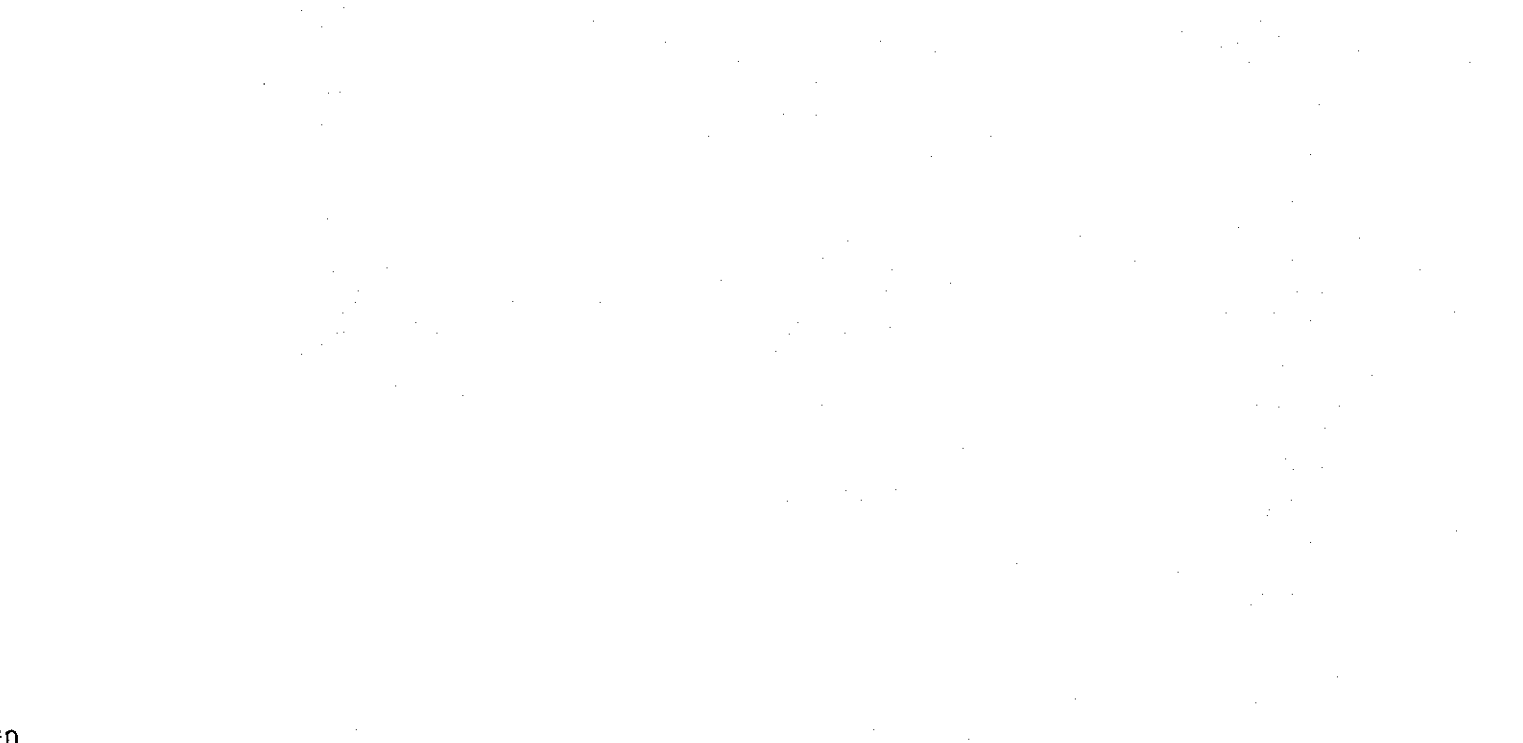
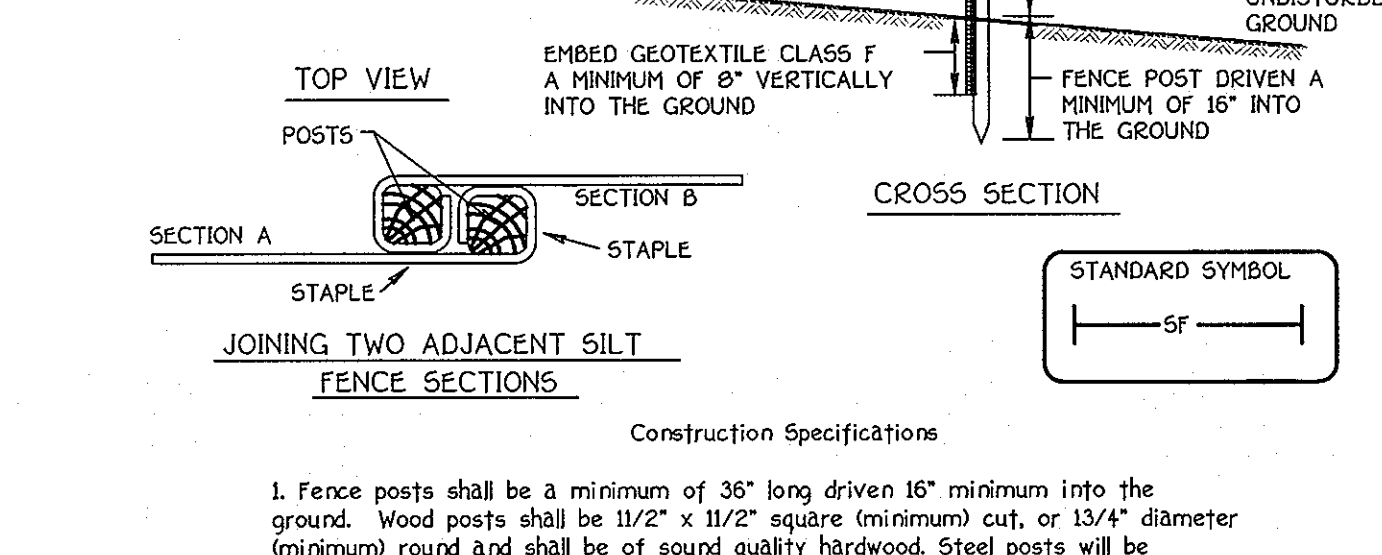
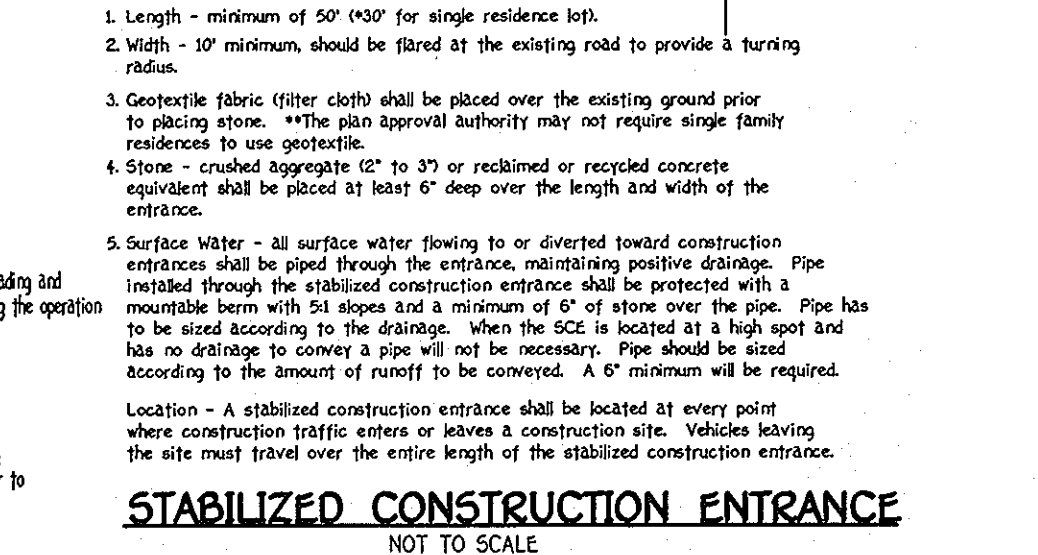
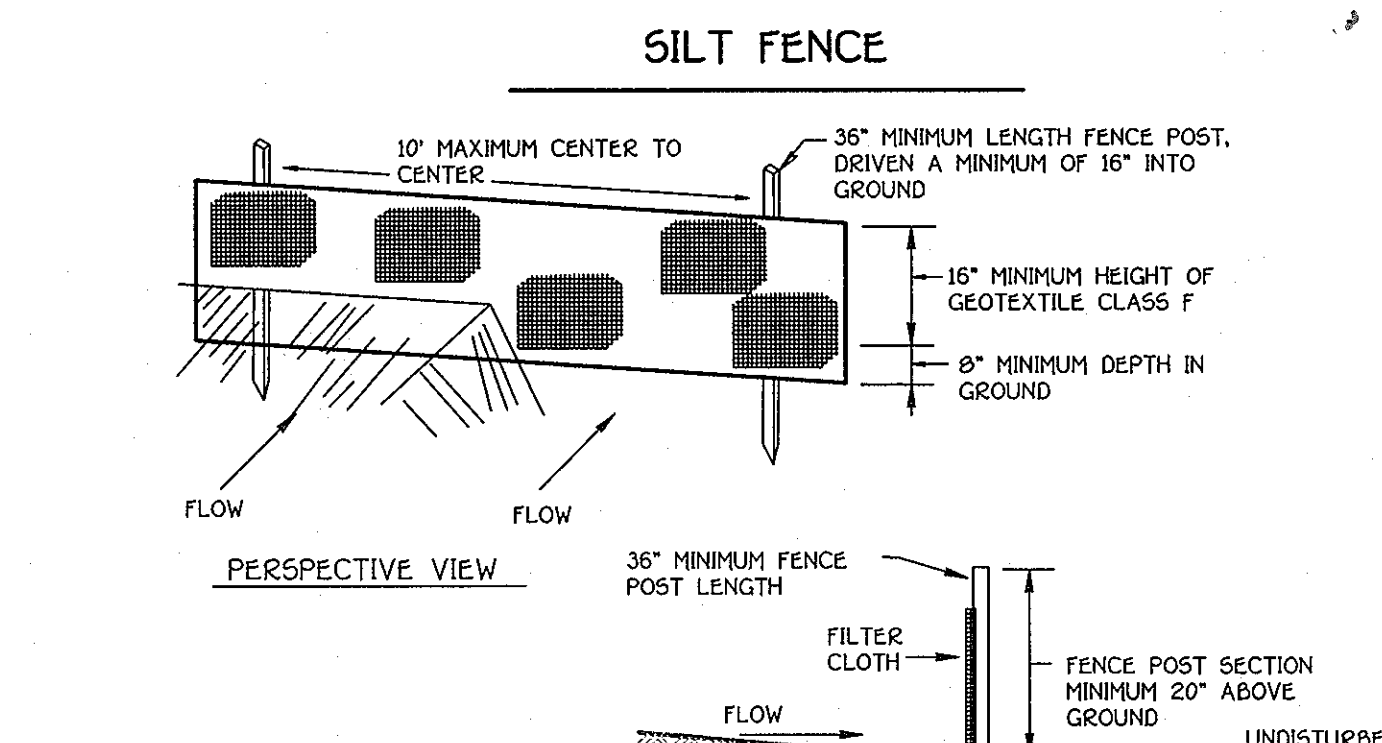
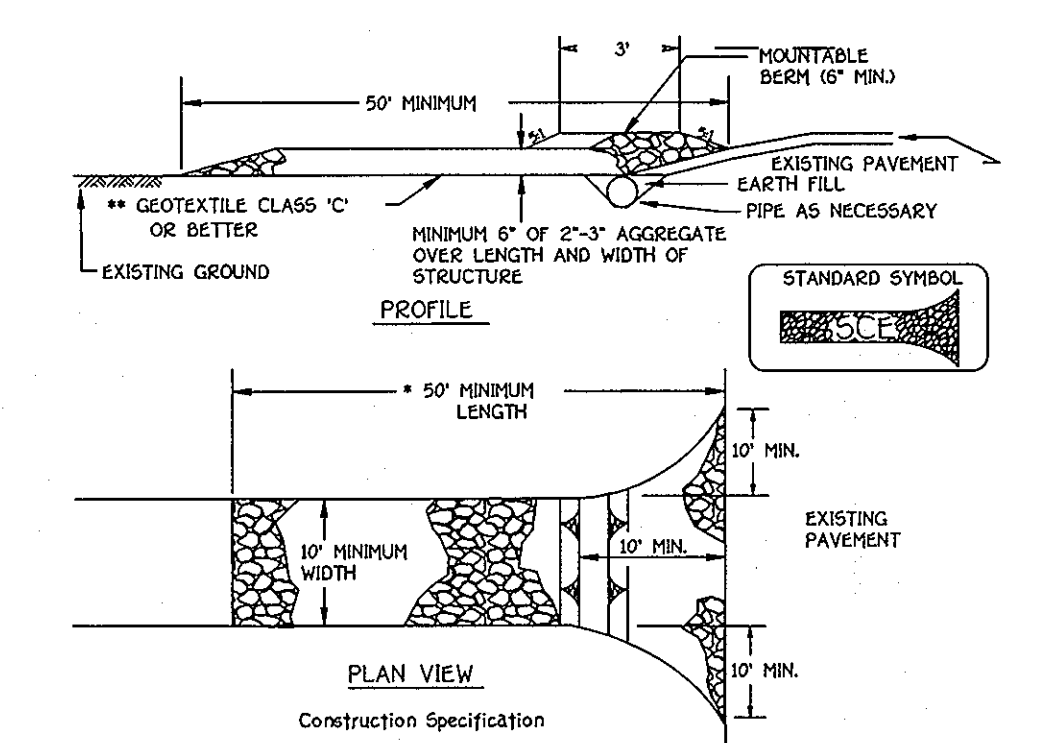
- Site Preparation**
 - Install erosion and sediment control structures (either temporary or permanent) such as ditches, grade stabilization structures, berms, wattwells, or sediment control basins.
 - Perform all seeding operations at right angles to the slope. Final grading and shaping is not usually necessary for temporary seeding.
 - Schedule required soil tests to determine soil amendment composition and application rates for sites having disturbed areas over 5 acres.
- Soil Amendments (Fertilizer and Lime Specifications)**
 - Soil tests must be performed to determine the exact rates and application rates for both lime and fertilizer on sites having disturbed areas over 5 acres. Soil analysis may be performed by the University of Maryland or a recognized commercial laboratory. Soil sample labels for temporary seeding purposes may also be used for chemical analysis.
 - Fertilizers shall be uniform in composition, free flowing and suitable for accessible application by approved equipment. Material may be substituted for fertilizer with prior approval from the appropriate approval authority. Fertilizers shall all be labeled by the site label should according to the applicable state fertilizer laws and shall bear the name, trade name or trademark and water-of-guarantee of the producer.
 - Lime materials shall be ground limestone (quicklime or burnt lime) may be substituted which contains at least 90% total calcium oxide plus magnesium oxide. Limestone shall be ground to such fineness that at least 50% will pass through a 100 mesh sieve and 90-100% will pass through a 20 mesh sieve.
 - Incapable lime and fertilizer into the top 3-5" of soil by digging or other suitable means.
- Seeded Preparation**
 - Temporary Seeding**
 - Seeded preparation shall consist of loosening soil to a depth of 3" to 5" by means of suitable agricultural or construction equipment, such as disc harrows or chisel plows or rippers mounted on construction equipment. After the soil is loosened it shall be rolled or dragged smooth, but left in the roughened condition. Sloped areas greater than 3:1 should be graded to a regular surface in an irregular condition with ridges running parallel to the contour of the slope.
 - Apply fertilizer and lime to the soil.
 - Incapable lime and fertilizer into the top 3-5" of soil by digging or other suitable means.
 - Permanent Seeding**
 - Minimum soil conditions required for permanent vegetative establishment:
 - Soil pH shall be between 5.0 and 7.0.
 - Salinity shall be less than 500 micromhos per million (ppm).
 - The soil shall contain less than 40% clay, but enough fine grained material (200 mesh plus size) to provide the capacity to hold a moderate amount of moisture. An exception is if long-term or special vegetation is to be installed, then a soil with less than 40% plus size clay would be acceptable.
 - Soil shall contain 1.5% minimum organic matter by weight.
 - Soil must contain sufficient pore space to permit adequate root penetration.
 - If these conditions cannot be met by soils on site, adding topsoil is required in accordance with Section 2.0 Stabilized and Specification for Topsoil.
 - Areas previously graded in conformance with the drainage shall be maintained in a fine and even grade, then scarified or otherwise treated to a depth of 3" to 5" to permit bonding of the topsoil to the surface area and to create horizontal erosion check ditches to prevent topsoil from sliding down a slope.
 - Apply soil amendments to per soil test or as indicated on the plans.
 - Use soil amendments into the top 3-5" of topsoil by digging or other suitable means. Lawn areas should be rolled to smooth the surface, remove large objects like stones and branches, and ready the area for seed and application. Where site conditions will not permit normal seeded preparation, loosen surface soil by dragging with a heavy chain or other equipment to roughen the surface. Slope slopes steeper than 3:1 should be drilled by a chain breaking the soil in an irregular condition with ridges running parallel to the contour of the slope. The top 3-5" of soil should be loose and friable. Seeded loosening may not be necessary on newly disturbed areas.
- Seed Specifications**
 - All seed must meet the requirements of the Maryland Seed Law. All seed shall be subject to re-testing by a recognized seed laboratory. All seed used shall have been tested within the 6 months immediately preceding the date of sowing such material on the job.
 - Where seed trays shall be made available to the inspector to verify type and rate of seed used.
 - Inoculant - The inoculant for legume seeds in the seed mixture shall be a pure culture of nitrogen-fixing bacteria prepared specifically for the species. Inoculants shall not be used later than the date indicated on the container. All fresh inoculant is directed on packaging. Use four times the recommended rate when hydroseeding. Note: It is very important to keep inoculant as cool as possible until used. Temperatures above 75-80°F. can weaken bacteria and make the inoculant less effective.
- Methods of Seeding**
 - Hydroseeding** - Apply seed uniformly with hydroseeder (slurry includes seed and fertilizer, humic acid or drop seeds or a cellulose seeder).
 - If fertilizer is being applied at the time of seeding, the application rates amounts will not exceed the following: nitrogen maximum of 80 lbs. per acre (total of soluble nitrogen 7000 lbs/acre/2000 lbs/acre); 120 lbs/acre/300 lbs/acre.
 - Lime - use only ground agricultural limestone, 1/2 to 3 tons per acre may be applied by hydroseeding. However, not more than 2 tons are applied by hydroseeding at any one time. Do not use burnt or hydrated lime when hydroseeding.
 - Seed and fertilizer shall be mixed on site and seeding shall be done immediately and without interruption.
 - Dry Seeding** - This includes use of conventional drop or broadcast seeders.
 - Seed spreader shall be incorporated into the subsoil at the rates prescribed on the Temporary or Permanent Seeding Worksheet or Tables 203 or 204. The seeded area shall then be rolled with a weighted roller to provide good seed to soil contact.
 - Where practical, seed should be applied in two directions perpendicular to each other. Apply half the seeding rate to each direction.
 - Drill or Cultivator Seeding** - Mechanical seeders that apply and cover seed with soil.
 - Cultivating seeders are required to bury the seed in such a fashion as to provide at least 1/4 inch of soil covering. Seeded must be firm after planting.
 - Where practical, seed should be applied in two directions perpendicular to each other. Apply half the seeding rate to each direction.
 - Mulch Specifications** - In order of preference:
 - Straw shall consist of heavily treated wheat, rice or oat straw, reasonable bright in color, and not be moldy, mat, caked, decayed or excessively dusty and shall be free of noxious weed seeds as specified in the Maryland Seed Law.
 - Wood Cullage Fiber Mulch (WCFM)
 - WCFM shall consist of specially prepared wood cullage processed into a uniform three strand fibre.
 - WCFM shall be dyed green or contain a green dye in the package that will provide an appropriate cover to facilitate visual inspection of the uniform spread during.
 - WCFM, including dye, shall contain no germination or growth inhibiting factors.
 - WCFM materials shall be manufactured and processed in such a manner that the wood cullage fibre mulch will remain in uniform suspension in water under agitation and will blend with seed, fertilizer and other additives to form a homogeneous slurry. The mulch material shall form a barrier to the ground cover, on application, having moisture absorption and retention properties and shall cover and hold green seed in contact with the soil without inhibiting the growth of the grass seeding.
 - WCFM material shall contain no elements or compounds of concentrations levels that will be harmful to plants.
 - WCFM must conform to the following physical requirements: fibre length to approximately 10 mm., diameter approximately 1 mm., pH range of 4.0 to 8.5, ash content of 1.0 minimum and water holding capacity of 90% minimum.

- Making Seeded Areas** - Mulch shall be applied to all seeded areas immediately after seeding.
 - If seeding is completed outside of the seeding season, mulch shall be applied to protect the soil in the section and maintained until the seeding season returns and seeding can be performed in accordance with these specifications.
 - When straw mulch is used, it shall be spread over all seeded areas at the rate of 2 tons/acre. Mulch shall be applied to a uniform layer depth of between 1" and 2". Mulch bales shall have a uniform distribution and depth so that the soil surface is not exposed. If a mulch spreading tool is to be used, the rate shall be increased to 2.5 tons/acre.
 - Wood cullage fiber mulch shall be applied at a wet dry weight of 1000 lbs. per acre. The wood cullage fiber mulch shall be applied at a wet dry weight of 1000 lbs. per acre. It shall contain 10% of water.
- Seeding Straw Mulch Mulch Application** - Mulch application shall be performed immediately following mulch application to minimize loss by wind or water. This may be done by one of the following methods listed by preference, depending upon size of area and erosion hazard:
 - A mulch spreading tool is a tractor driven implement designed to push and tuck mulch into the soil surface a minimum of two (2) inches. This practice is most effective on large areas, but is limited by better slopes where equipment can operate safely. If used on steep slopes, this practice should be used on the contour if possible.
 - Wood cullage fiber may be used for temporary seeding. The fiber mulch shall be applied at a wet dry weight of 750 pounds/acre. The wood cullage fiber shall be mixed with water and the mixture shall contain a minimum of 50 pounds of wood cullage fiber per 100 gallons of water.
 - Application of liquid binders should be better at the edges where wind catches mulch, such as in valleys and crests of banks. The remainder of mulch should be blown uniformly after binder application. Synthetic binders - such as Acrylic Resin Emulsion (AR-272) (Harsco, Terra Tex II, Terra Tex II-A, or other approved equal) may be used at rates recommended by the manufacturer to anchor mulch.
 - Lightweight plastic netting may be staked over the mulch according to manufacturer's recommendations. Netting is usually available in rolls 4' to 10' feet wide and 300 to 1000 feet long.
- Incremental Stabilization - Cut Slopes**
 - All cut slopes shall be dressed, prepared, seeded and mulched as the work progresses. Slopes shall be excavated and stabilized in small sections up to 25'.
 - Construction sequence shall be:
 - Excavate and stabilize all temporary erosion, side ditches, or berms that will be used to convey runoff from the excavation.
 - Perform Phase 1 excavation, dress and stabilize.
 - Perform Phase 2 excavation, dress and stabilize. Overseed Phase 1 levels as necessary.
 - Perform final phase excavation, dress and stabilize. Overseed previously seeded areas as necessary.

SEEDING CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (631-4855).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL, AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1. b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRANSPARENCIES SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. I, 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 FOR PERMANENT SEEDING (SEC. 50), SOIL (SEC. 5A), 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.
- SEE ANALYSIS:
 - TOTAL AREA OF SITE: 0.1711 ACRES
 - AREA TO BE ROOFED OR PAVED: 0.1135 ACRES
 - AREA TO BE VEGETATIVELY STABILIZED: 0.0537 ACRES
 - TOTAL CUT: 273 CU.YDS.
 - TOTAL FILL: 100 CU.YDS.

- OFFSITE WASTE AREA TO BE DETERMINED.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- LENGTHS FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE TRENCHES OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



- SEQUENCE OF CONSTRUCTION**
- | | |
|---|---------|
| 1. OBTAIN GRADING PERMIT | 7 DAYS |
| 2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN | 7 DAYS |
| 3. CLEAR AND GRUB TO LIMITS OF DISTURBANCE | 4 DAYS |
| 4. INSTALL TEMPORARY SEEDING | 2 DAYS |
| 5. CONSTRUCT BUILDINGS | 60 DAYS |
| 6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE | 14 DAYS |
| 7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR. | 7 DAYS |
- CONSTRUCTION SPECIFICATIONS**
- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 10.00 pound per linear foot.
 - Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:
 - Tensile Strength: 50 lbs/in (min) Test: MSMT 509
 - Tensile Modulus: 20 lbs/in (min) Test: MSMT 599
 - Flow Rate: 0.3 gal / ft / minute (max) Test: MSMT 322
 - Filtering Efficiency: 75% (min) Test: MSMT 322
 - Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
 - Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTHORE NATIONAL PIKE
ELLSWORTH CITY, MARYLAND 21114
4100 461 - 2595

ENGINEER'S CERTIFICATE

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 Conservation District.

Signature of Engineer: *[Signature]* Date: 12-27-07

BUILDER/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 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 Howard Soil Conservation District.

Signature of Developer: *[Signature]* Date: 12-27-07

OWNER/BUILDER

MARK DUDEK
9238 MAXWELL COURT
LAUREL, MARYLAND 20723

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development: *[Signature]* Date: 1/15/08

Chief, Development Engineering Division: *[Signature]* Date: 1/16/08

Director - Department of Planning and Zoning: *[Signature]* Date: 1/17/08

SEDIMENT AND EROSION CONTROL DETAILS

SINGLE FAMILY RESIDENTIAL UNIT
HARWOOD PARK
LOT 378
(FORMERLY LOTS 1/2 357, 358 AND 359)

TAX MAP NO: 38 PARCEL NO: 873 GRID NO: 13
FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: JULY, 2007
SHEET 2 OF 2

SDP.08.001