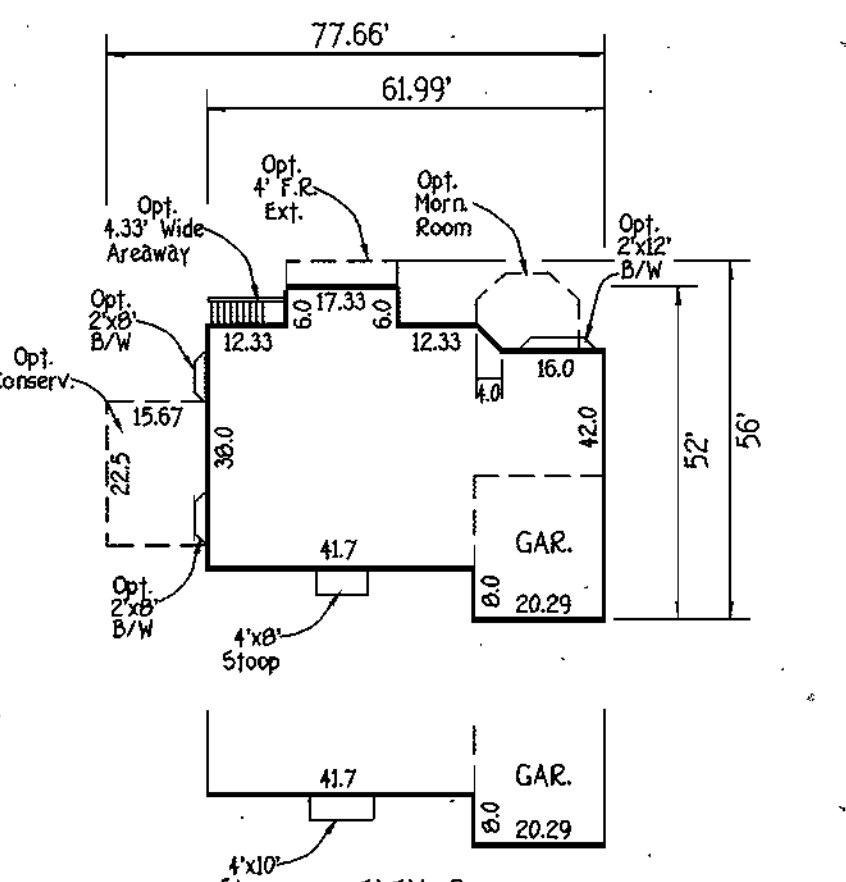
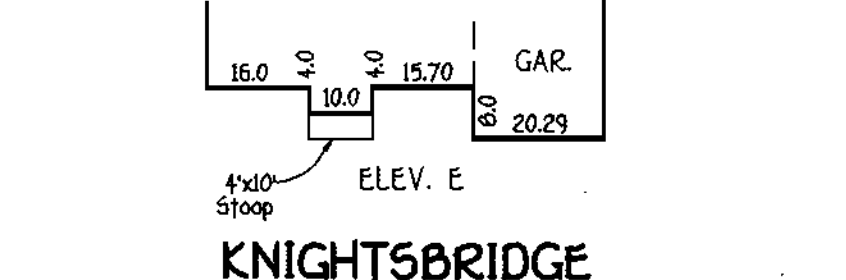


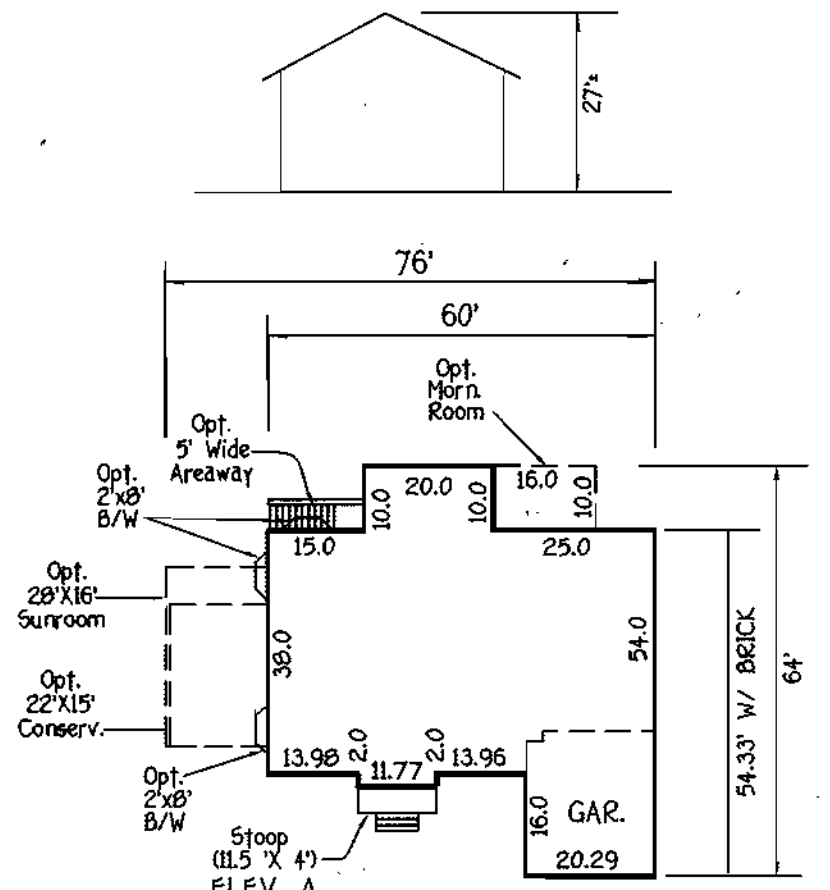
BRANDENBURG



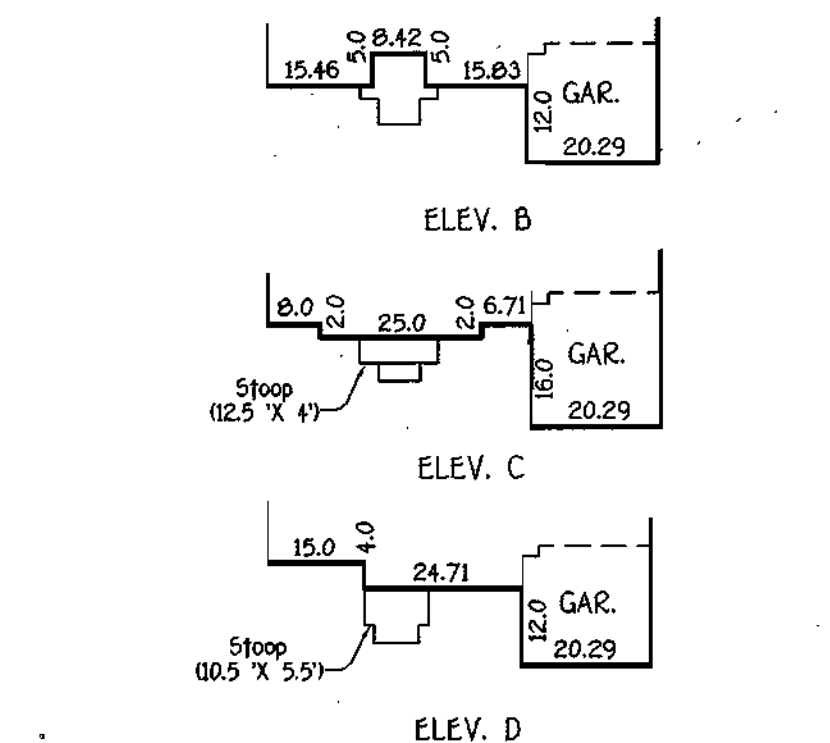
CLIFTON PARK



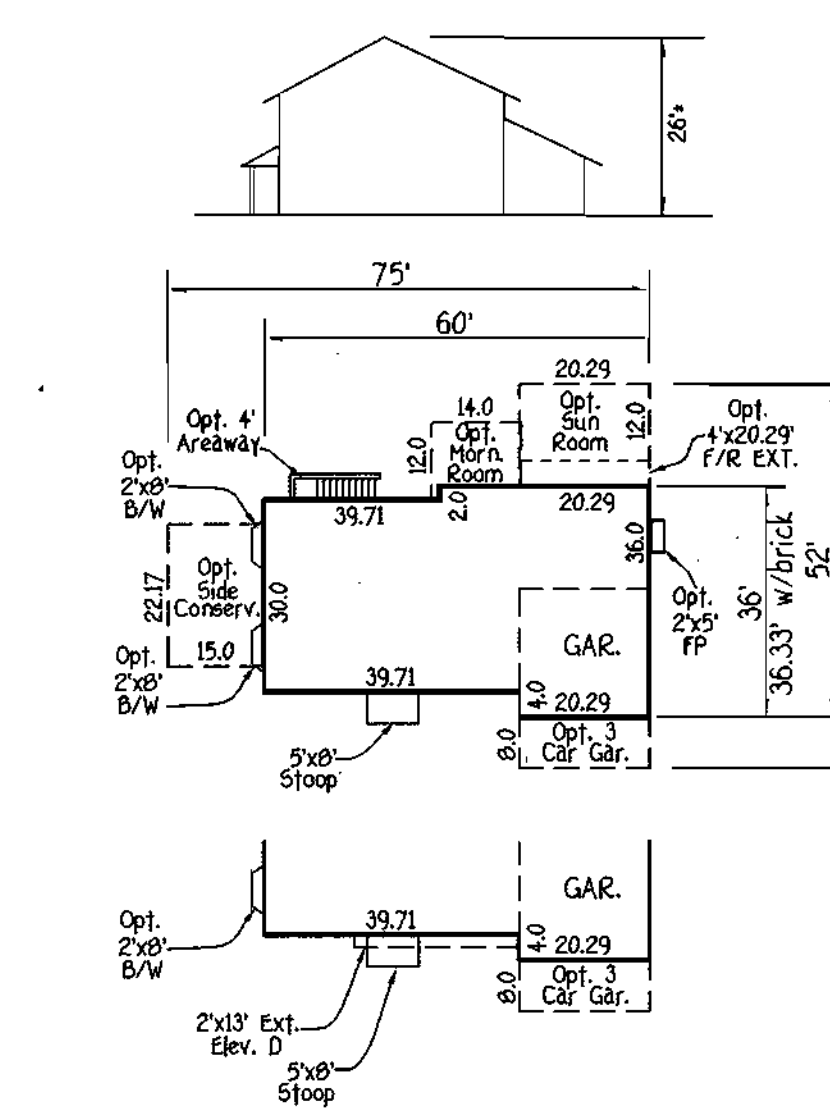
KNIGHTSBRIDGE



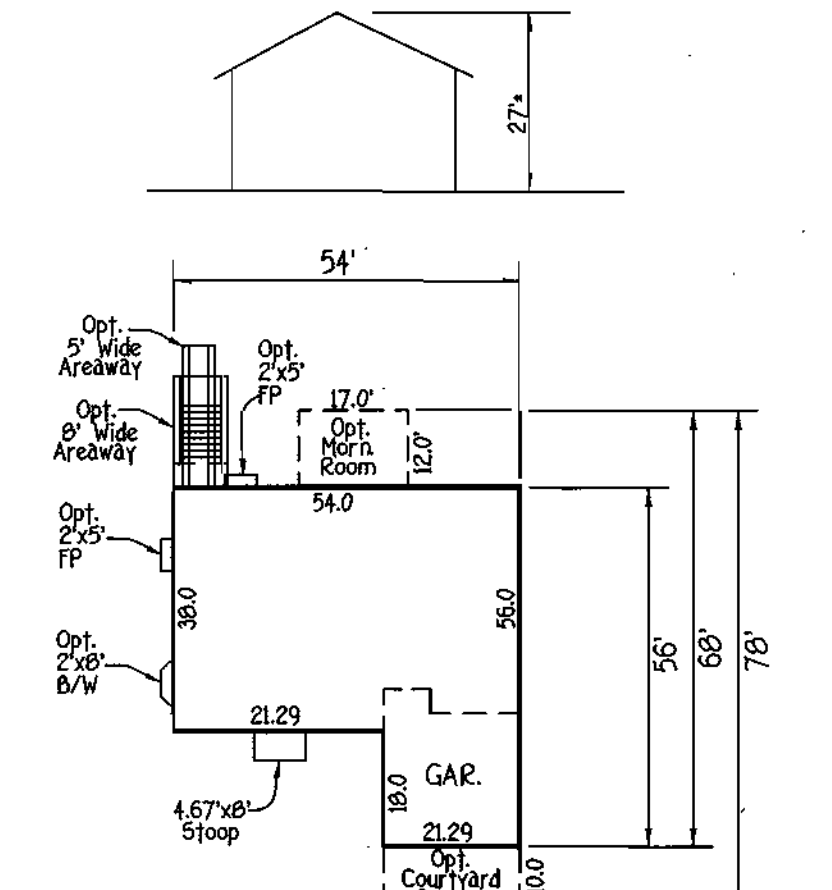
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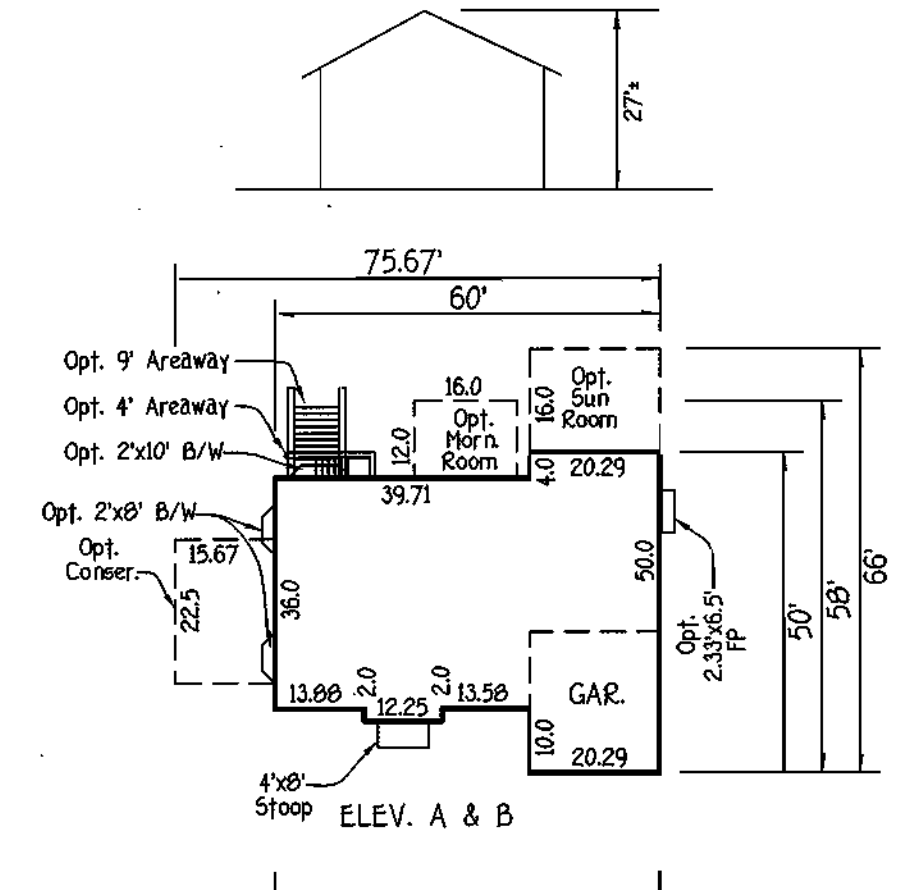
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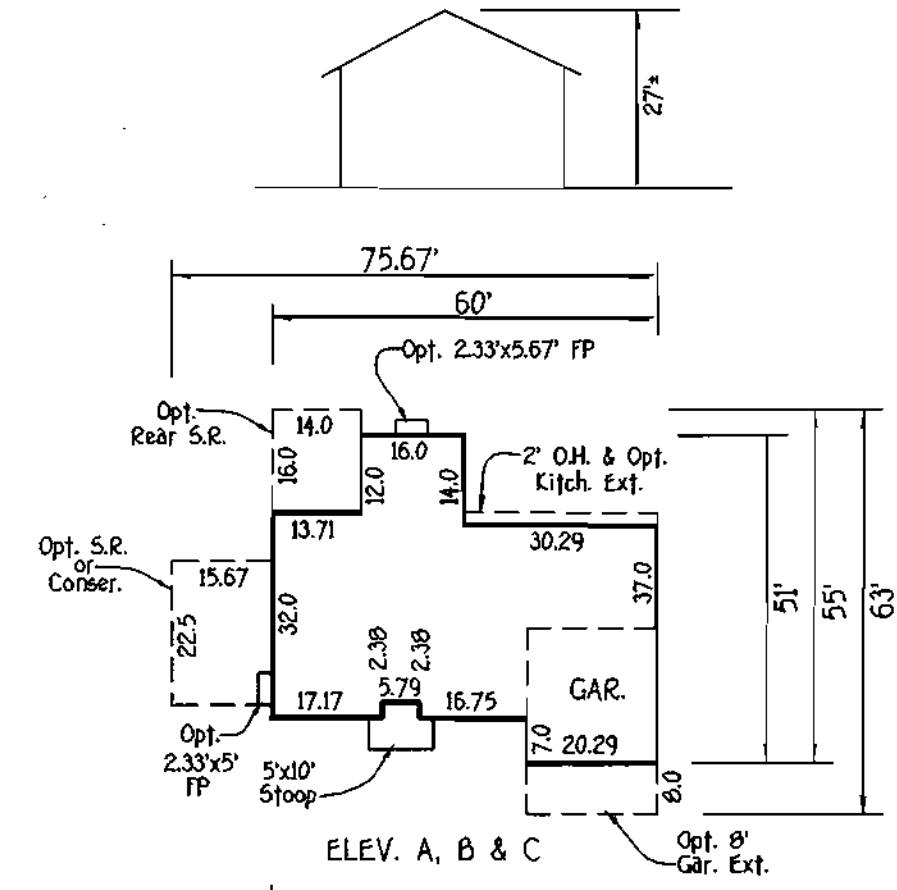
POTOMAC



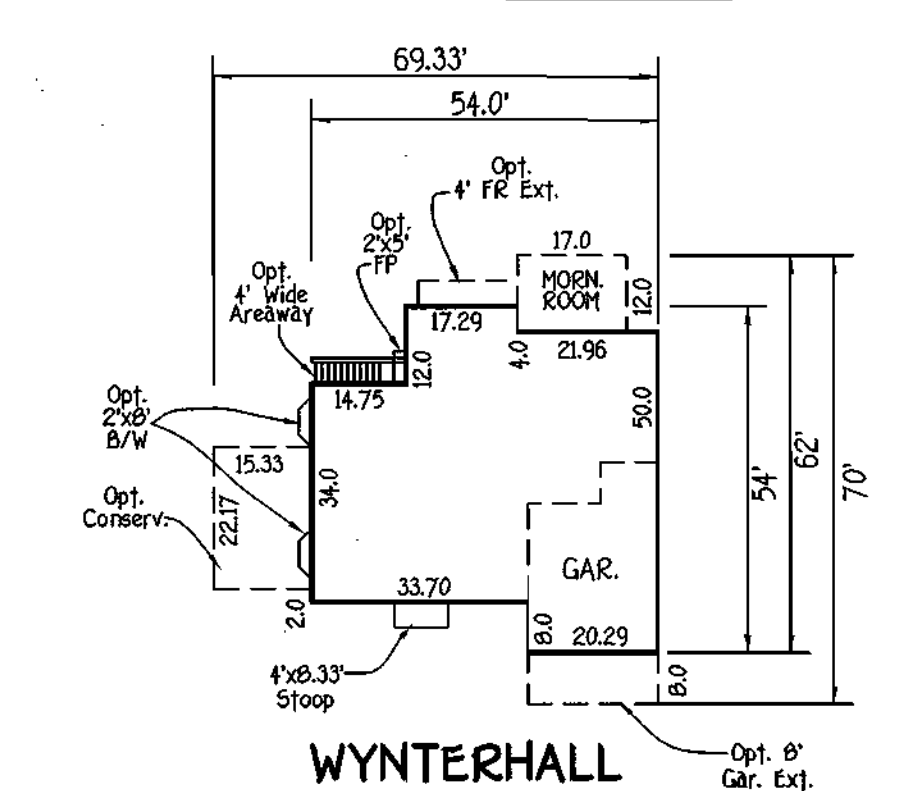
REMINGTON



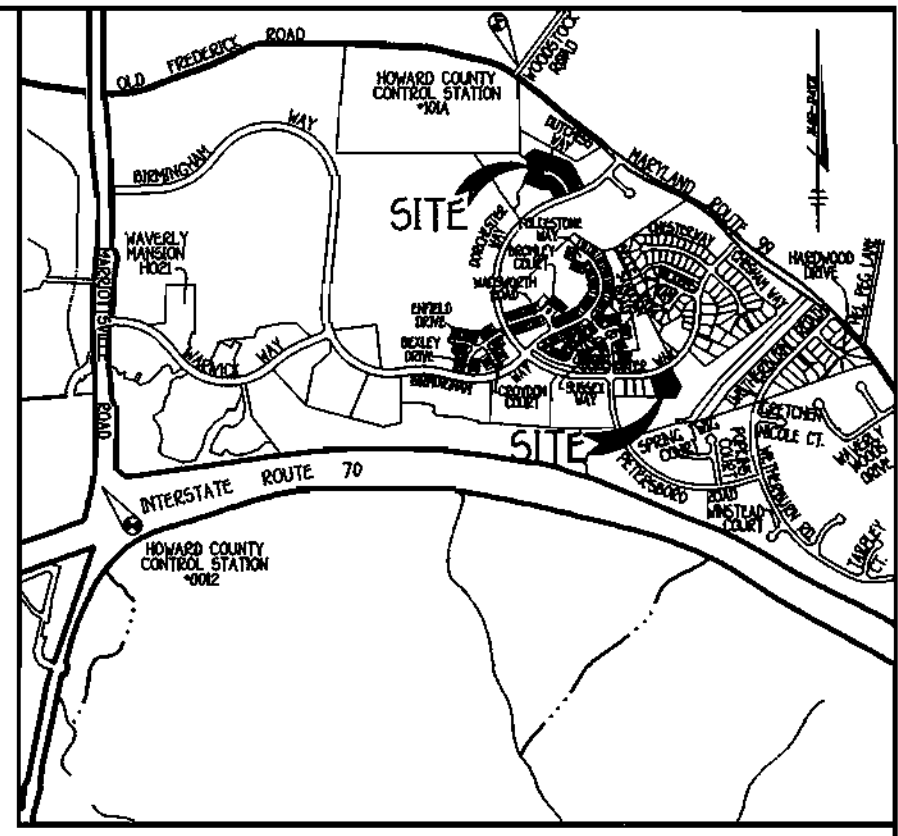
RUTHERFORD



KINGSMILL



WYNTERHALL



VICINITY MAP
SCALE: 1" = 2000'

BENCH MARKS

T.P. 101A ELEV 442.70
N. 600.995.111
E. 1410.060.575
LOC. NEAR THE INTERSECTION
OF MD. RTE 99 & WOODSTOCK ROAD

T.P. 0012 ELEV 486.89
N. 596.502.760
E. 1340.864.365
LOC. NEAR INTERSECTION OF I-70
HARRIOTTVILLE ROAD

GENERAL NOTES

- SUBJECT PROPERTY ZONED R-20 PER 10/18/93 COMPREHENSIVE ZONING PLAN.
- TOTAL AREA OF SITE: 5.294 ACRES
- TOTAL NUMBER OF LOTS SUBMITTED: 14
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410)313-1800 AT LEAST (5) FIVE WORKING DAYS PRIOR TO THE START OF WORK
- THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
- THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: 594-07, P95-07, P00-18, ZB929-M, F-01-08, F-04-12, F-05-173, F-01-147, W & S CONT. NO. 24-3456-D, W. CONT. NO. 24-3970-D, S. CONT. NO. 20-3595-D AND S. CONT. NO. 24-3970-D.
- THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT AUGUST, 1990 BY FISHER, COLLINS & CARTER, INC.
- HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON NAD 83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS.
- HOWARD COUNTY MONUMENT 101A N 600995.111 E 1410060.575
- HOWARD COUNTY MONUMENT 0012 N 596502.760 E 1340864.365
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- THIS PLAN IS FOR HOUSE SITTING AND GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION.
- FOR CONSTRUCTION SEE APPROVED ROAD CONSTRUCTION PLANS F-95-173, F-01-147 AND/OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3456-D, W. CONT. NO. 24-3970-D, S. CONT. NO. 20-3595-D & S. CONT. NO. 24-3970-D.
- CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
- STORMWATER MANAGEMENT WILL BE PROVIDED AS APPROVED ON THE ROAD CONSTRUCTION DRAWINGS FILED UNDER F-95-174.
- FOREST CONSERVATION OBLIGATIONS FOR GTW'S WAVERLY WOODS, SECTION II/AREA 3, HAVE BEEN PROVIDED UNDER F-01-147. FOREST CONSERVATION OBLIGATIONS FOR GTW'S WAVERLY WOODS, SECTION 4/AREA 1, HAVE BEEN PROVIDED UNDER F-95-173. ALL REQUIRED SURETY HAS BEEN POSTED WITH THE DEVELOPER'S AGREEMENT UNDER EACH FINAL PLAN, AS APPLICABLE.
- PERIMETER LANDSCAPING AND STREET TREE PLANTINGS IN ACCORDANCE WITH SECTION 16124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL SHALL BE PROVIDED IN ACCORDANCE WITH THE ROAD CONSTRUCTION DRAWINGS FOR F-01-147. SURETY HAS BEEN POSTED WITH THE DEVELOPER'S AGREEMENT.
- THE FOREST CONSERVATION EASEMENT HAS BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16120M OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION AREA; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION EASEMENT ARE ALLOWED.
- STORMWATER MANAGEMENT (SWM) FOR THIS SUBDIVISION IS PROVIDED BY AN EXISTING WET POOL DESIGN FACILITY CONSTRUCTED AT THE NORTHWEST CORNER OF THE INTERSECTION OF DORCHESTER WAY AND MARYLAND ROUTE 99 IN OPEN SPACE LOT 21, SECTION 4 AREA 2, WAVERLY WOODS F-95-174.
- FOR DRIVEWAY ENTRANCE DETAILS REFER TO HO. CODES MANUAL VOL. IV DETAILS R.6.03 & R.6.05.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
 - A. WIDTH-12' (4" SERVING MORE THAN ONE RESIDENCE);
 - B. SURFACE-6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN);
 - C. GEOMETRY-MAX. 1% GRADE, MAX. 10% GRADE CHANGE AND MIN. 45' TURNING RADIUS;
 - D. STRUCTURES (CULVERTS/BRIDGES)-CAPABLE OF SUPPORTING 25 GROSS TONS (125 LOADINGS);
 - E. DRAINAGE ELEMENTS-CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;
 - F. MAINTENANCE-SUFFICIENT TO INSURE ALL WEATHER USE.
- 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 ONTO THE PIPESTEM LOT DRIVEWAY.
- THIS PLAN IS IN COMPLIANCE WITH THE FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, OR PLACEMENT OF NEW STRUCTURES IS PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAM (S), OR THEIR BUFFERS AND FOREST CONSERVATION EASEMENT AREAS.
- FIRST FLOOR SERVICE ONLY FOR LOTS 20-22 PER WAIVER LETTER DATED, AUGUST 20, 2003.
- HOMEOWNER ASSOCIATION DOCUMENTS HAVE BEEN FILED WITH THE STATE DEPARTMENT OF ASSESSMENTS AND TAXATION ON JULY 3, 1996.

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
20	10559 DORCHESTER WAY
21	10555 DORCHESTER WAY
22	10551 DORCHESTER WAY
97	10601 DUTCHESS WAY
98	10605 DUTCHESS WAY
99	10609 DUTCHESS WAY
100	10613 DUTCHESS WAY
101	10617 DUTCHESS WAY
102	10620 DUTCHESS WAY
103	10616 DUTCHESS WAY
104	10612 DUTCHESS WAY
105	10608 DUTCHESS WAY
106	10604 DUTCHESS WAY
107	10600 DUTCHESS WAY

LEGEND

SYMBOL	DESCRIPTION
----	EXISTING CONTOUR 2' INTERVAL
+362.5	SPOT ELEVATION
—S—S—	SILT FENCE
—S—S—	SUPER SILT FENCE
—	PROPOSED WALKOUT
—	EXISTING TREE LINE
LOD	LIMIT OF DISTURBANCE
ECP	EROSION CONTROL MATTING
—	EXISTING STREET TREES TAKEN FROM F-01-147

INDEX CHART

SHEET	DESCRIPTION
SHEET 1	TITLE SHEET, HOUSE TYPES, TEMPLATES
SHEET 2	SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN, LOTS 20-22
SHEET 3	SITE DEVELOPMENT PLAN, LOTS 97-107
SHEET 4	SEDIMENT/EROSION CONTROL PLAN, LOTS 97-107
SHEET 5	SEDIMENT/EROSION CONTROL NOTES & DETAILS

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THE PLAN SECTION 16124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A CERTIFICATE OF LANDSCAPE INSTALLATION ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

[Signature] 11/24/03
TOM GARNER DATE

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] 11/24/03
Earl D. Collins Date

DEVELOPER'S CERTIFICATE

I/we certify that all development and construction will be done according to this plan, 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] 11/24/03
Tom Garner Date

Reviewed for HOWARD SCD and meets Technical Requirements. 12/10/03
[Signature] Date

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT. 12/10/03
[Signature] Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

[Signature] 11/15/04
Cindy Hamilt Date
Chief, Department of Planning and Zoning

[Signature] 12/24/03
Date
Chief, Development Engineering Division

[Signature] 11/15/04
Date
Director - Department of Planning and Zoning

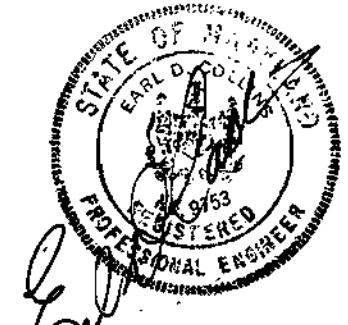
PROJECT	GTW'S WAVERLY WOODS	SECTION	SECTION 4 AREA 1 SECTION II AREA 3	LOTS NO.	20-22 97-107
PLAT	16222-16226 16266-16272	BLOCK NO.	5 & 6	TAX/ZONE	R-20 16
WATER CODE	H05	SEWER CODE	5993000	ELEC. DIST.	THIRD
				CENSUS TR.	6030.00

TITLE SHEET

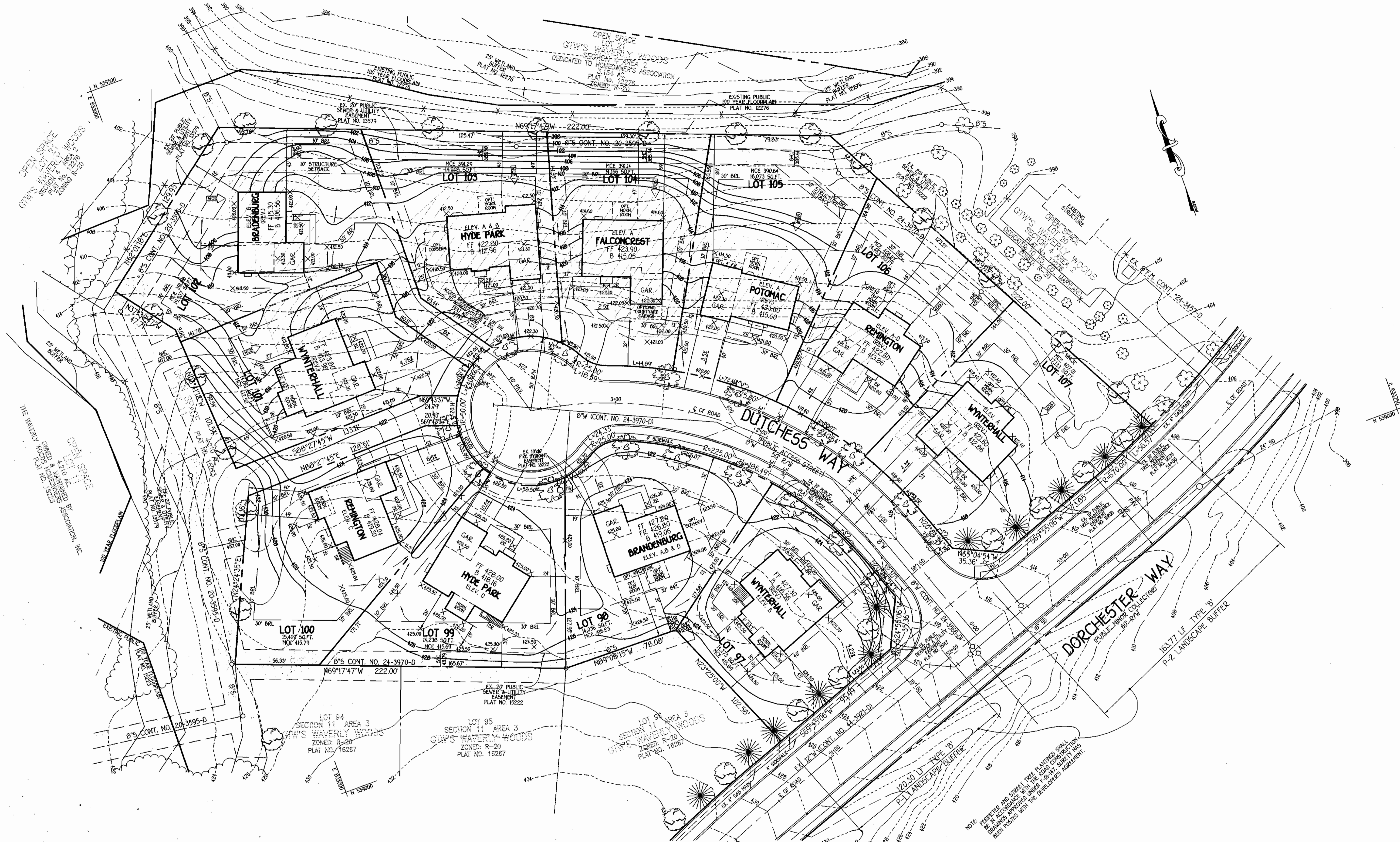
SINGLE FAMILY DETACHED
GTW'S WAVERLY WOODS
SECTION 4 AREA 1, LOTS 20-22 &
SECTION 11 AREA 3, LOTS 97-107

TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: MARCH, 2003

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 8072 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
410-461-2299



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<p>FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042 410.461.2995</p>		
NO.	REVISION	DATE
1	REV. HSE & GRD., LOT 101 FROM HYDE PARK TO WYNTERHALL	11/20/03

<p>ENGINEER'S CERTIFICATE</p> <p>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.</p> <p>Signature of Engineer: <i>Earl D. Collins</i> Date: 11/24/03</p> <p>DEVELOPER'S CERTIFICATE</p> <p>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.</p> <p>Signature of Developer: <i>Tom Garner</i> Date: 11/24/03</p>	

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A.-National Resources Conservation Service
 Date: 12/10/03

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

Howard Soil Conservation District
 Date: 12/10/03

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chris Hamond 1/6/04
 Chief, Division of Land Development

Christopher Williams 12/24/03
 Chief, Development Engineering Division

Mark A. Lippert 1/4/04
 Director - Department of Planning and Zoning

PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVERLY WOODS	SECT. 4 AREA 1 SECT. 11 AREA 3	20-22 97-107
PLAT	BLOCK NO.	ZONE
16222-16226 16266-16272	5 & 6	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
16	THIRD	6030.00
WATER CODE	SEWER CODE	
H05	5993000	

SITE DEVELOPMENT PLAN

SINGLE FAMILY DETACHED

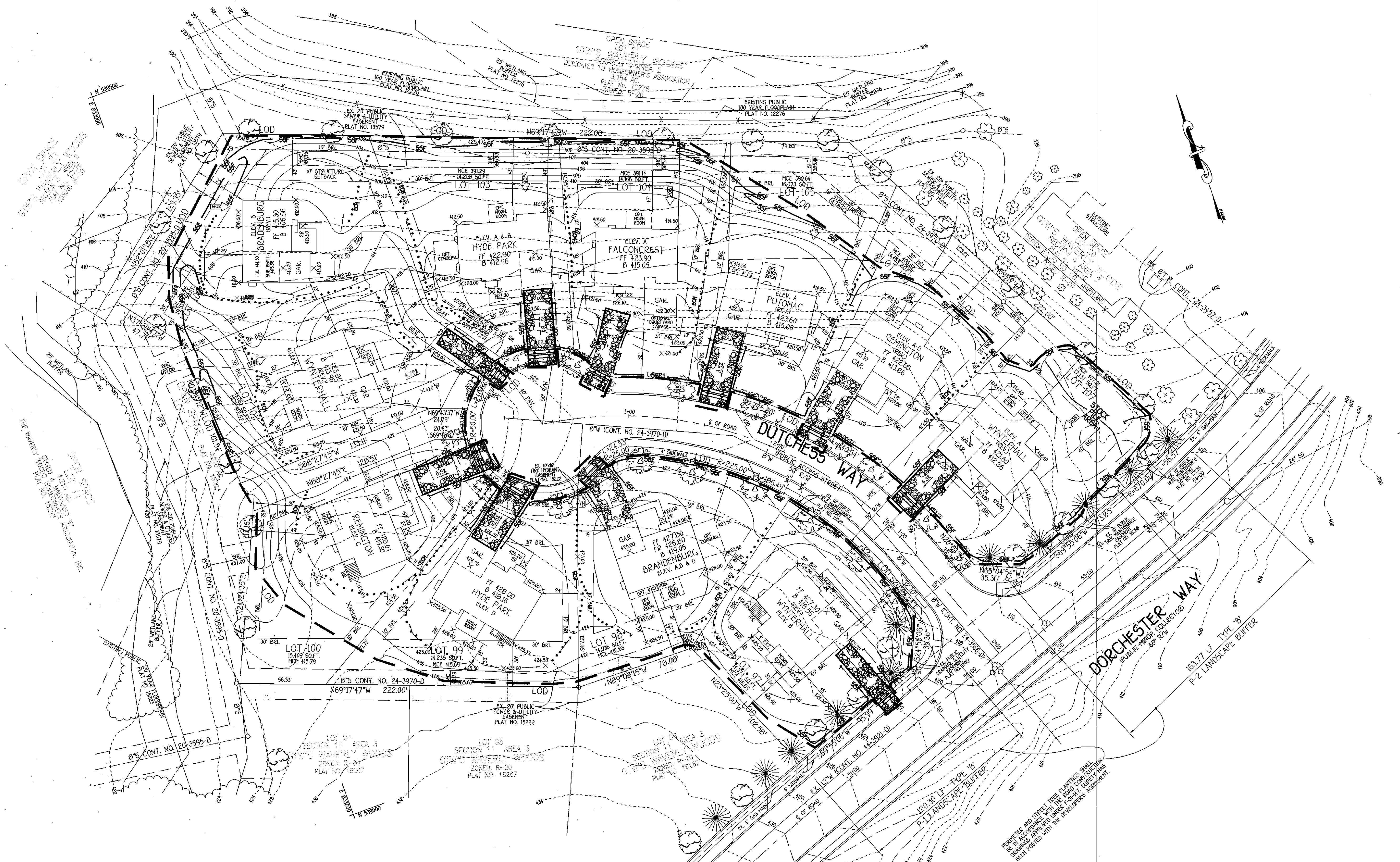
GTW'S WAVERLY WOODS

SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107

TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003

SHEET 3 OF 5

SOP 04-45



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21043
 (410) 461-2255

NO.	REV. HSE. & GRD. LOT 101 FROM HYDE PARK TO WYNTERHALL	DATE
1	REV. HSE. & GRD. LOT 101 FROM HYDE PARK TO WYNTERHALL	11/20/03



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: *Earl D. Collins* Date: 11.24.03
 EARL D. COLLINS
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: *Tom Garner* Date: 11/24/03
 TOM GARNER

Reviewed for HOWARD SCD and meets Technical Requirements.

Signature: *Jim Ryan* Date: 12/10/03
 U.S.D. Natural Resources Conservation Service

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

Signature: *J.P. Rebertus* Date: 12/10/03
 Howard SCD

OWNER/DEVELOPER
 WAVERLY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC
 6000 MAIN STREET
 ELICOTT CITY, MARYLAND 21043
 410-480-9105

BUILDER
 NV HOMES
 6085 MARSHALEE DRIVE
 SUITE 130
 ELK RIDGE, MARYLAND 21075
 410-379-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature: *Carole Hamilton* Date: 1/15/04
 Chief, Division of Land Development

Signature: *Charles Deussen* Date: 12/24/03
 Chief, Development Engineering Division

Signature: *Mark H. Ugel* Date: 1/6/04
 Director - Department of Planning and Zoning

PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVERLY WOODS	SECT. 4 AREA 1 SECT. 11 AREA 3	20-22 97-107

PLAT	BLOCK NO.	ZONE	TAX ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16266-16272	5 & 6	R-20	16	THIRD	6030.00

WATER CODE: H05 SEWER CODE: 5993000

SEDIMENT/EROSION CONTROL PLAN

SINGLE FAMILY DETACHED
GTW'S WAVERLY WOODS
 SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107

TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003

SHEET 4 OF 5

SDP 04-45

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20.0 STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

DEFINITION

Using vegetation as cover for barren soil to protect it from forces that cause erosion. Vegetative stabilization is used to promote the establishment of vegetation on exposed 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 increasing soil moisture.

CONDITIONS WHERE PRACTICE APPLIES

This practice shall be used on disturbed areas as specified on the plans and 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, chain ditch, etc. and for Permanent Seeding are: new ditches, cut and fill sites, and other areas where erosion is likely to occur.

EFFECTS ON WATER QUALITY AND QUANTITY

Planting vegetation in disturbed areas will have an effect on the water budget, especially on volume and rates of runoff. Vegetation reduces infiltration and groundwater recharge. Vegetation over time 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 absorbing those substances present within the root zone.

Sediment control devices must remain in place during grading, seedbed preparation, seeding, mulching and vegetative establishment to prevent large volumes 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 diversions, grade stabilization structures, berms, waterways, or sediment control basins.
 - Perform all grading operations at right angles to the slope. Final grading and application 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 Amendment**
 - Soil tests must be performed to determine the exact ratios 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 samples taken for engineering purposes may also be used for commercial analysis.
 - Fertilizers shall be uniform in composition, free flowing and suitable for accurate application by approved equipment. Material may be substituted for fertilizer with prior approval from the appropriate approval authority. Fertilizers shall all be delivered to the site fully blended and in the applicable state fertilizer bags and shall bear the name, trade name or trademark and warranty of the producer.
 - Line materials shall be ground limestone furnished at maximum lime may be substituted which contains at least 50% total oxide calcium oxide plus magnesium oxide. Limestone shall be ground to such fineness that it will pass through a #20 mesh sieve and will contain a minimum of 90% passing a #20 mesh sieve.
- Seeded Preparation**
 - Temporary Seeding
 - Seedbed 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 should not be rolled or dragged around, but left in the roughened condition. Seeded areas greater than 500 sq. ft. should be treated having the surface in an irregular condition with ridges, running parallel to the contour of the slope.
 - Apply fertilizer and lime as prescribed on the plans.
 - Apply topsoil and fertilizer into the top 3-5" of soil by disking or other suitable means.
 - Permanent Seeding
 - Soil conditions required for permanent vegetative establishment:
 - Soil pH shall be between 6.0 and 7.5.
 - Soil shall contain less than 500 ppm phosphorus.
 - The soil shall contain less than 400 cation, but enough fine grained material (less than 2mm) to provide the adequate to moderate amount of moisture. An exception is for loess or loess deposits to be planted, then a sandy soil (less than 2mm) may 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 soil in situ, adding topsoil is required.
 - Areas previously graded in conformance with the drawings shall be returned to a true and even grade, then scarified or otherwise loosened to a depth of 3-5" to permit drainage of the surface area and to create horizontal erosion check slots to prevent runoff to the surface area and to create horizontal erosion check slots to prevent topsoil from sliding down a slope.
 - Apply soil amendments as per soil test or as indicated on the plans.
 - Site soil amendments into the top 3-5" of topsoil by disking or other suitable means. Layers of topsoil should be added 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 disking with a heavy chain or other equipment to roughen the surface. Deep slopes (steeper than 3:1) should be treated by a dicer leaving the soil in an irregular condition with ridges running parallel to the contour of the slope. The top 1-2" of soil should be loose and friable. Seeded loosening may not be necessary on newly disturbed areas.

- Application of Seed Areas - Muck shall be applied to all seeded areas immediately after seeding. If grading is completed and seeding season must begin shall be applied as prescribed in accordance with these specifications.
- When areas are seeded over all seeded areas at the rate of 2 tons/acre. Muck shall be applied to a uniform loose depth of between 1" and 2". Muck applied shall achieve a uniform distribution over the entire area. If a muck inching tool is to be used, the rate should be increased to 2.5 tons/acre.
- Wood collage fiber shall be mixed with water and the mixture shall contain a maximum of 50 lbs per 100 sq. ft. of seed area.
- Securing Straw Muck (Muck Anchoring) - Muck anchoring shall be performed immediately following muck 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 muck anchoring tool is a tractor driven implement designed to muck and anchor muck into the soil surface. The muck anchor shall be applied in a grid pattern. The muck anchor shall be limited to filter cloth where equipment can operate safely. It is used on sloping areas. Securing straw muck may be used for sloping areas. The straw binder shall be applied at a rate of 100 lbs per 100 sq. ft. of seed area. The straw binder shall be applied at a rate of 100 lbs per 100 sq. ft. of seed area. The mixture shall contain a maximum of 50 pounds of wood collage fiber per 100 gallons.
 - Application of Seed Areas - Muck shall be applied to all seeded areas immediately after seeding. If grading is completed and seeding season must begin shall be applied as prescribed in accordance with these specifications.
 - When areas are seeded over all seeded areas at the rate of 2 tons/acre. Muck shall be applied to a uniform loose depth of between 1" and 2". Muck applied shall achieve a uniform distribution over the entire area. If a muck inching tool is to be used, the rate should be increased to 2.5 tons/acre.
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 - A muck anchoring tool is a tractor driven implement designed to muck and anchor muck into the soil surface. The muck anchor shall be applied in a grid pattern. The muck anchor shall be limited to filter cloth where equipment can operate safely. It is used on sloping areas. Securing straw muck may be used for sloping areas. The straw binder shall be applied at a rate of 100 lbs per 100 sq. ft. of seed area. The straw binder shall be applied at a rate of 100 lbs per 100 sq. ft. of seed area. The mixture shall contain a maximum of 50 pounds of wood collage fiber per 100 gallons.

Incremental Stabilization - Cut Slopes

- All cut slopes shall be dressed, prepared, seeded and mulched as the work progresses. Slopes shall be established and stabilized in equal increments not to exceed 15'.
 - Construction sequence shall be as follows:
 - Excavate and stabilize all temporary waterways, side ditches, or berms that will be used to convey runoff from the excavation.
 - Perform Phase 1 excavation and stabilize.
 - Perform Phase 2 excavation, dress and stabilize. Overseed Phase 1 areas as areas are excavated.
 - Perform final phase excavation, dress and stabilize. Overseed previously seeded areas as necessary.
- Note: Once excavation has begun, operation should be continuous from grubbing through the completion of grading and placement of topsoil if required and permanent seed and mulch. Any interruptions in the operation or completion of the operation of the seeding season will necessitate the application of temporary stabilization.

Construction and Material Specifications

- Topsoil salvaged from the existing site may be provided that it meets the standards set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-NRCS in cooperation with Maryland Agricultural Experiment Station.
- Topsoil (if required) - Soil to be used as topsoil must meet the following:
 - Topsoil shall be a loam, sandy loam, or silt loam, sandy clay loam, loamy sand, loamy silt, or other soil type recommended by an agronomist or soil scientist and approved by the appropriate approval authority. Topsoil shall not be a mixture of contrasting textures and shall contain less than 2% of any of the following: gravel, cobbles, boulders, sticks, rocks, trash, or other materials larger than 1 1/2" in diameter.
 - Topsoil must be free of phytotoxins or plant parts such as bermuda grass, quackgrass, Johnson grass, ragweed, purple spurge, or other noxious weeds.
 - Where the subsoil is either highly acidic or composed of heavy clay, ground limestone shall be spread at the rate of 4-8 tons/acre (1000-400 pounds per 1000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over disturbed areas and mixed into the soil in conjunction with tillage operations as described in the following procedures:
 - For sites having disturbed areas over 5 acres:
 - On soil meeting topsoil specifications, obtain test results dictating fertilizer and lime amendments required to bring the soil into compliance with the following:
 - pH for topsoil shall be between 6.0 and 7.5. If the tested soil demonstrates a pH of less than 6.0, sufficient lime shall be purchased to bring the pH to 6.5 or higher.
 - Organic content of topsoil shall be not less than 1.5 percent by weight.
 - Topsoil having suitable soil content greater than 500 parts per million shall not be used.
 - No soil 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 (18 days minimum) to permit dissipation of phytotoxic materials.
 - When topsoil, maintain needed erosion and sediment control practices such as diversions, Gully Stabilization Structures, Earth Ditches, Slope Silt Fence and Sediment Traps and Basins, and Grades on the areas to be topsoiled, which have been previously established, shall be maintained, about 2" - 3" higher in elevation.
 - Topsoil shall be uniformly distributed in a 4" - 6" layer and lightly compacted to a minimum thickness of 2". Seeding shall be performed in such a manner that seeding or seeding mix placed with a minimum of additional soil preparation and tillage. Any irregularities in the surface resulting from topsoil or other operations shall be corrected in order to prevent the formation of depressions or water pockets.
 - 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 seeded preparation.
- Alternative for Permanent Seeding - Instead of applying the full amounts of lime and commercial fertilizer, composted sludge and amendments may be applied as specified below:
 - Composted Sludge Material for use as a soil conditioner for sites having disturbed areas over 5 acres shall be tested to prescribe amendments and for sites having disturbed areas under 5 acres shall conform to the following requirements:
 - Composted sludge shall be supplied by, or complete from, a person or persons that are permitted (at the time of acquisition of the compost) by the Maryland Department of the Environment under COMAR 26.06.06.
 - Composted sludge shall contain at least 1 percent nitrogen, 1.5 percent phosphorus, and 0.2 percent potassium and have a pH of 7.0 to 8.0. If compost does not meet these requirements, the appropriate conditions must be added to meet the requirements.
 - Composted sludge shall be applied at a rate of 1 ton/1,000 square feet.
 - Composted mulch shall be amended with a potassium fertilizer applied at the rate of 4 lb/1,000 square feet, and 1/2 inch normal fine application rate.

SEDIMENT CONTROL NOTES

- A MINIMUM OF 60 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 (26-3090).
- 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 SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- FOLLOWING INITIAL, SOIL DISTURBANCE OR RE-CONSTRUCTION, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 30 CALENDAR DAYS FOR ALL PERMITTED SEDIMENT CONTROL STRUCTURES, DICES, PERMITTEE SLOPES AND ALL SLOPES STEEPER THAN 3:1. IN 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL PERMITTED TEMPORARY SEDIMENT CONTROL STRUCTURES, SIGNS POSTED AROUND THESE PERMITTER IN ACCORDANCE WITH VOL. 1, CHAPTER 15 OF THE MARYLAND CODE, SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION AND SHALL BE REMOVED IMMEDIATELY UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF GRASS.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL DIVISION.
- 7) SITE ANALYSIS:

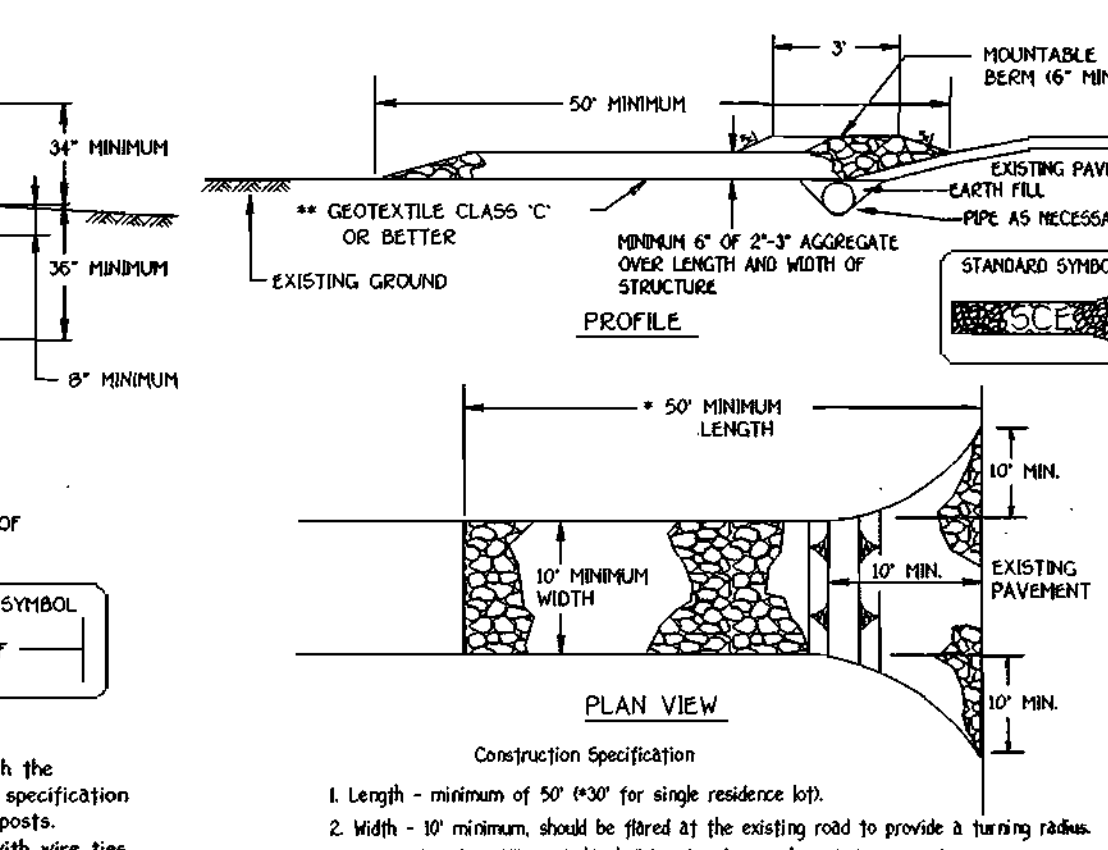
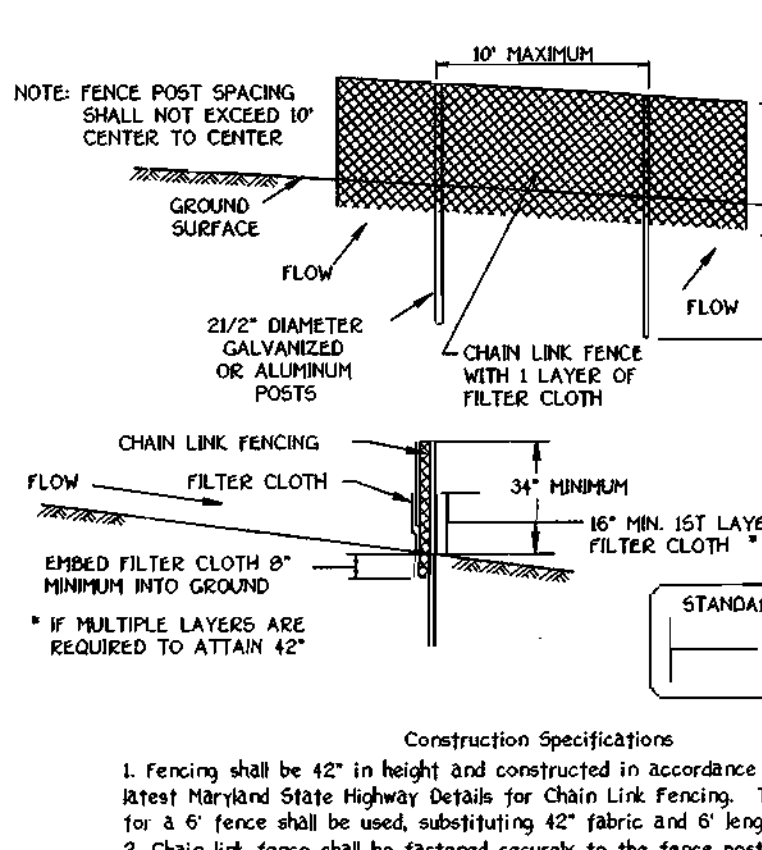
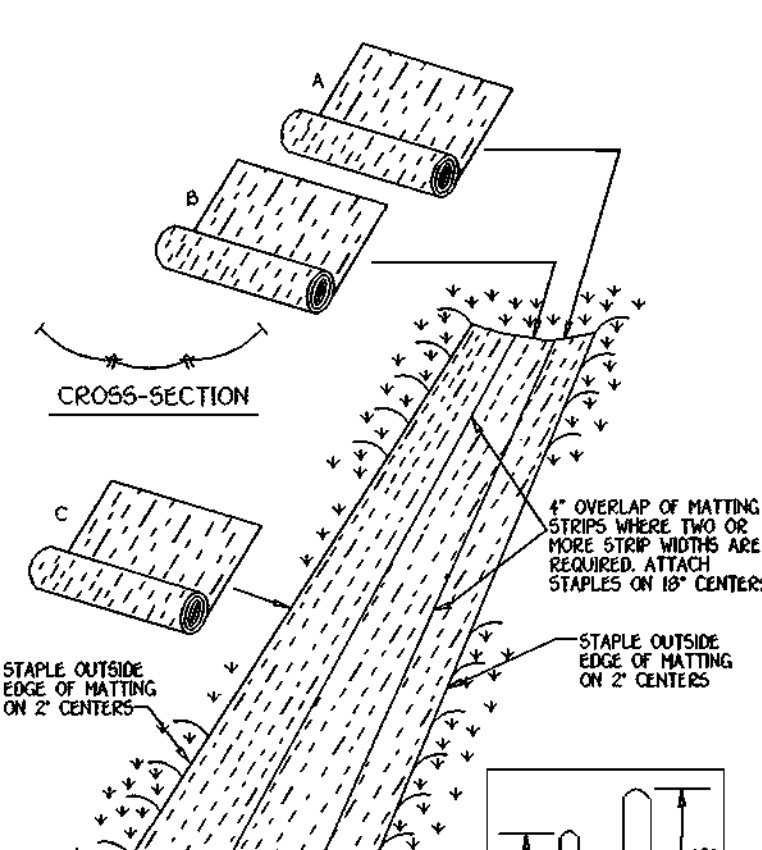
5.294 ACRES TOTAL AREA OF SITE	5.294 ACRES
4.848 ACRES AREA TO BE ROOFED OR PAVED	4.848 ACRES
3.187 ACRES AREA TO BE VEGETATIVELY STABILIZED	3.187 ACRES
9.977 CUBIC YD TOTAL CUT	9.977 CUBIC YD
12.316 CUBIC YD OFFSITE WASTE/ROOFING AREA LOCATION	N/A

PERMANENT SEEDING NOTES

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
- SEEDING PREPARATION:**
LOOSEN UPPER THREE INCHES OF SOIL BY RAZING, DIGGING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS:**
APPLY 1.0 TO 2.0 TONS PER ACRE DOLICHITE LIME (80% LBS/1000 SQ FT) AND 600 LBS PER ACRE 0-20-20 FERTILIZER (24 LBS/1000 SQ FT) BEFORE SEEDING. HAZARD OR DISC UP TO UPPER THREE INCHES OF SOIL. AT THE TIME OF SEEDING, APPLY 100 LBS PER ACRE 0-20-20 FERTILIZER (4 LBS/1000 SQ FT) AND 500 LBS PER ACRE 0-15-15 FERTILIZER (2.0 TONS PER ACRE) TO THE TOP 2-3" OF SOIL.
- SEEDING:**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 31, SEED WITH 100 LBS PER ACRE 2:3 (24 LBS/1000 SQ FT) OF CENTURY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS/ACRE (12 LBS/1000 SQ FT) OF CENTURY 31 TALL FESCUE AND 2 LBS PER ACRE 0-20-20 FERTILIZER (0.8 LBS/1000 SQ FT) OF WEEDING. FOR THE PERIOD NOVEMBER 1 THROUGH FEBRUARY 28, SEED WITH 100 LBS PER ACRE 2:3 (24 LBS/1000 SQ FT) OF CENTURY 31 TALL FESCUE AND 2 LBS PER ACRE 0-20-20 FERTILIZER (0.8 LBS/1000 SQ FT) OF WEEDING. SEEDING DURING THE PERIOD OF NOVEMBER 1 THROUGH FEBRUARY 28, PROJECT SITE BY OPTION 1 - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION 2 - USE SOIL, OPTION 3 - SEED WITH 100 LBS/ACRE CENTURY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.
- MULCHING:**
APPLY 1.0 TO 2.0 TONS PER ACRE 100 TO 90 (LBS/1000 SQ FT) OF UNLIMITED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 500 GALLONS PER ACRE 0.3 GAL/1000 SQ FT OF ENHANCED ASPHALT ON FLAT AREAS ON SLOPES 6 FEET OR HIGHER. USE 500 GALLONS PER ACRE 0.3 GAL/1000 SQ FT FOR ANCHORING.
- MAINTENANCE:**
INSPECT ALL SEEDING AREAS AND MAKE NECESSARY REPAIRS, RE-SEEDINGS AND SCISSORING.
- FOR PUBLIC WORKS SUBSTITUTE CHEERING CRUMPHORN AT 1/2 LBS/ACRE AND CENTURY 31 TALL FESCUE AT 1/2 LBS/ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.**

TEMPORARY SEEDING NOTES

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDEVELOPED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION:**
LOOSEN UPPER THREE INCHES OF SOIL BY RAZING, DIGGING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS:**
APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER IN LBS/1000 SQ FT.
- SEEDING:**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 31, SEED WITH 100 LBS PER ACRE 2:3 (24 LBS/1000 SQ FT) OF CENTURY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS/ACRE (12 LBS/1000 SQ FT) OF CENTURY 31 TALL FESCUE AND 2 LBS PER ACRE 0-20-20 FERTILIZER (0.8 LBS/1000 SQ FT) OF WEEDING. SEEDING DURING THE PERIOD OF NOVEMBER 1 THROUGH FEBRUARY 28, PROJECT SITE BY OPTION 1 - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION 2 - USE SOIL, OPTION 3 - SEED WITH 100 LBS/ACRE CENTURY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.
- MULCHING:**
APPLY 1.0 TO 2.0 TONS PER ACRE 100 TO 90 (LBS/1000 SQ FT) OF UNLIMITED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 500 GALLONS PER ACRE 0.3 GAL/1000 SQ FT OF ENHANCED ASPHALT ON FLAT AREAS ON SLOPES 6 FEET OR HIGHER. USE 500 GALLONS PER ACRE 0.3 GAL/1000 SQ FT FOR ANCHORING.



EROSION CONTROL MATTING

- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDEVELOPED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATION:**
LOOSEN UPPER THREE INCHES OF SOIL BY RAZING, DIGGING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS:**
APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER IN LBS/1000 SQ FT.
- SEEDING:**
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 31, SEED WITH 100 LBS PER ACRE 2:3 (24 LBS/1000 SQ FT) OF CENTURY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS/ACRE (12 LBS/1000 SQ FT) OF CENTURY 31 TALL FESCUE AND 2 LBS PER ACRE 0-20-20 FERTILIZER (0.8 LBS/1000 SQ FT) OF WEEDING. SEEDING DURING THE PERIOD OF NOVEMBER 1 THROUGH FEBRUARY 28, PROJECT SITE BY OPTION 1 - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION 2 - USE SOIL, OPTION 3 - SEED WITH 100 LBS/ACRE CENTURY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEEDING.
- MULCHING:**
APPLY 1.0 TO 2.0 TONS PER ACRE 100 TO 90 (LBS/1000 SQ FT) OF UNLIMITED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 500 GALLONS PER ACRE 0.3 GAL/1000 SQ FT OF ENHANCED ASPHALT ON FLAT AREAS ON SLOPES 6 FEET OR HIGHER. USE 500 GALLONS PER ACRE 0.3 GAL/1000 SQ FT FOR ANCHORING.

CONSTRUCTION SPECIFICATIONS

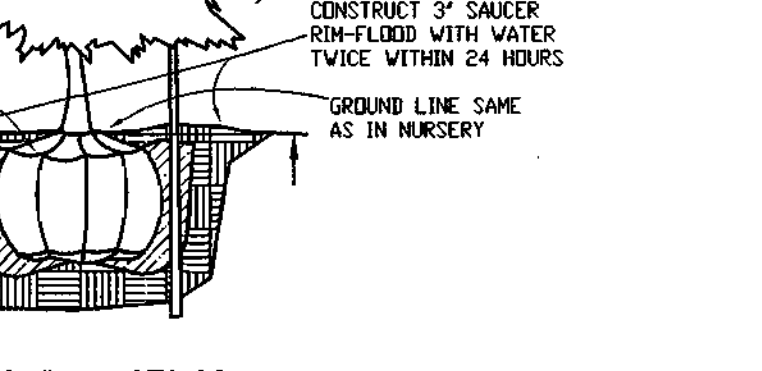
- Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6" fence shall be substituted 42" fabric and 6" length posts. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
- Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire shall be fastened to the chain link fence with ties spaced every 24" at the top and mid section.
- Filter cloth shall be fastened securely to the chain link fence with ties spaced every 24" at the top and mid section.
- Filter cloth shall be embedded a minimum of 6" into the ground.
- When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
- Material shall be performed as needed and silt trucks removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height.
- Filter cloth 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: MHT 509
Tensile Modulus	20 lbs/in (min)	Test: MHT 509
Flow Rate	0.3 gal/ft / minute (max)	Test: MHT 322
Filtering Efficiency	75% (min)	Test: MHT 322

DESIGN CRITERIA

Slope	Slope Steepness	Slope Length (Maximum)	Silt Fence Length (Minimum)
0 - 10%	0 - 10%	Unlimited	Unlimited
10 - 20%	10 - 20%	100 feet	200 feet
20 - 33%	20 - 33%	100 feet	1,000 feet
33 - 50%	33 - 50%	100 feet	500 feet
			250 feet

SUPER SILT FENCE



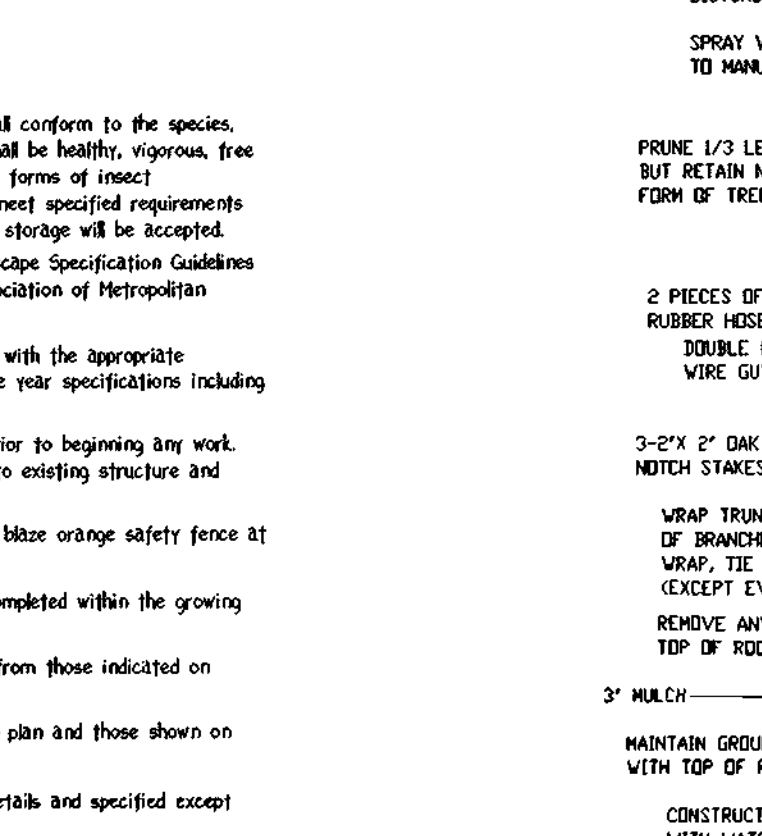
STABILIZED CONSTRUCTION ENTRANCE

- Length - minimum of 50' (30' for single residence lot).
 - Width - 10' minimum, should be fitted at the existing road to provide a bearing radius.
 - Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority will not require single family residences to use geotextile.
 - Stone - crushed aggregate of 1/2" to 3/4" reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
 - Surface Water - All surface water flowing to or diverted toward construction materials shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with concrete 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 be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Note: 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.

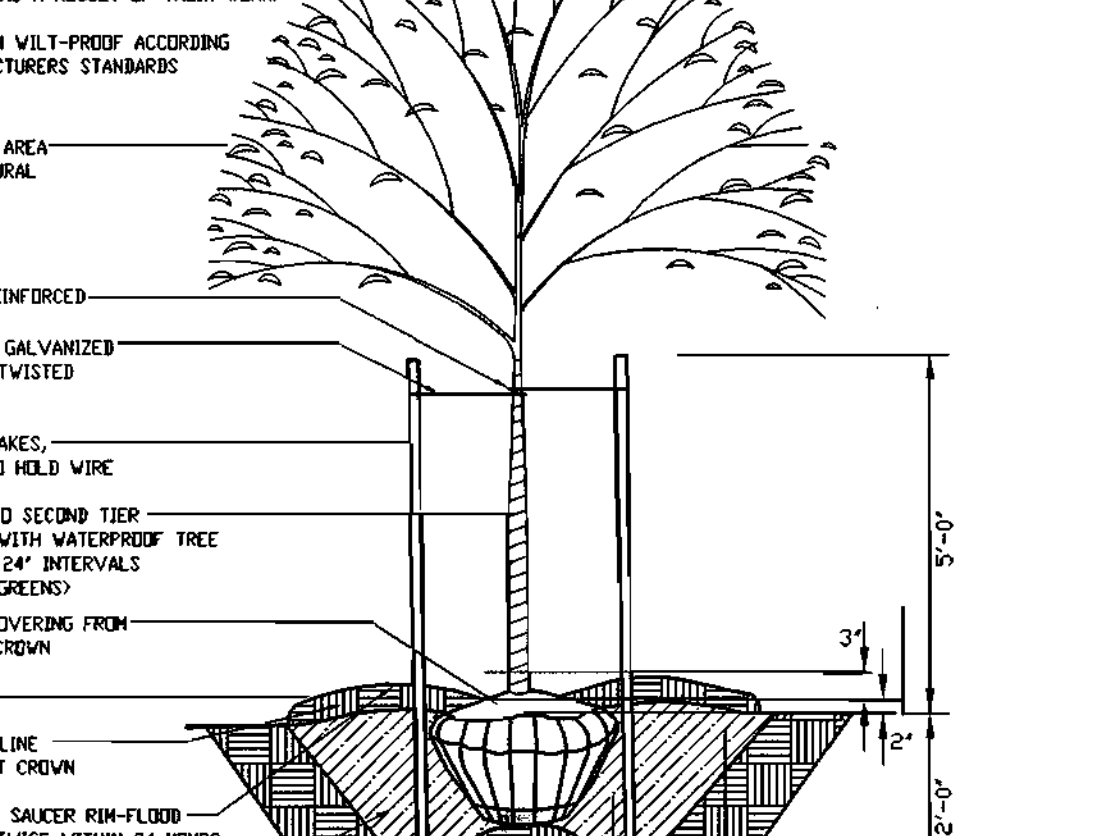
SCHEDULE A PERIMETER LANDSCAPE EDGE

CATEGORY	P-1 ADJACENT TO ROADWAY	P-2 ADJACENT TO ROADWAY
LANDSCAPE TYPE	B	B
LINEAR FEET OF ROADWAY FRONTAGE PER TREE	120.30'	163.77'
CREDIT FOR EXISTING VEGETATION (YES, NO, 2)	NO	NO
CREDIT FOR WALL, FENCE OR BEEM (YES, NO, 2)	NO	NO
NUMBER OF TREES REQUIRED	2	3
NUMBER OF TREES PROVIDED	5	7

EVERGREEN PLANTING DETAIL



TREE PLANTING DETAIL



SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT
- INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN
- CLEAR AND GRUB TO LIMIT OF DISTURBANCE
- INSTALL TEMPORARY SEEDING
- CONSTRUCT BUILDING
- FINI GRAD SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE
- REMOVE SEDIMENT CONTROL DEVICES AS LANDSCAPE ARE STABILIZED AND PERMITSION IS GRANTED BY EVS CONTROL DIVISION

NO.	REVISION	DATE
1		
2		
3		
4		
5		
6		
7		

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL FREE
ELICOTT CITY, MARYLAND 21042
410-484-2955

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.

DEVELOPER'S CERTIFICATE
I/we certify that all development and construction will be done according to this plan. For sedimentation and erosion control, the contractor shall be added to meet the requirements of this 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 shall authorize periodic on-site inspection by the Howard Soil Conservation District.

ENGINEER'S CERTIFICATE
Reviewed by HOWARD SCD and meets Technical Requirements.

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

OWNER/DEVELOPER
WAVERLY WOODS DEVELOPMENT CORPORATION
C/O LAND DESIGN AND DEVELOPMENT, LLC
8000 MAIN STREET
ELICOTT CITY, MARYLAND 21043
410-480-9105

BUILDER
NV HOMES
6085 MARSHALEE DRIVE
SUITE 130
ELKRDIDGE, MARYLAND 21075
410-379-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

SEDIMENT/EROSION CONTROL, LANDSCAPE, NOTES & DETAILS

SINGLE FAMILY DETACHED
GTW'S WAVERLY WOODS

SECTION 4 AREA 1, LOTS 20-22 & SECTION 11 AREA 3, LOTS 97-107

TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: 1" = 30'
DATE: MARCH, 2003

SHEET 5 OF 5

OWNER/DEVELOPER
WAVERLY WOODS DEVELOPMENT CORPORATION
C/O LAND DESIGN AND DEVELOPMENT, LLC
8000 MAIN STREET
ELICOTT CITY, MARYLAND 21043
410-480-9105

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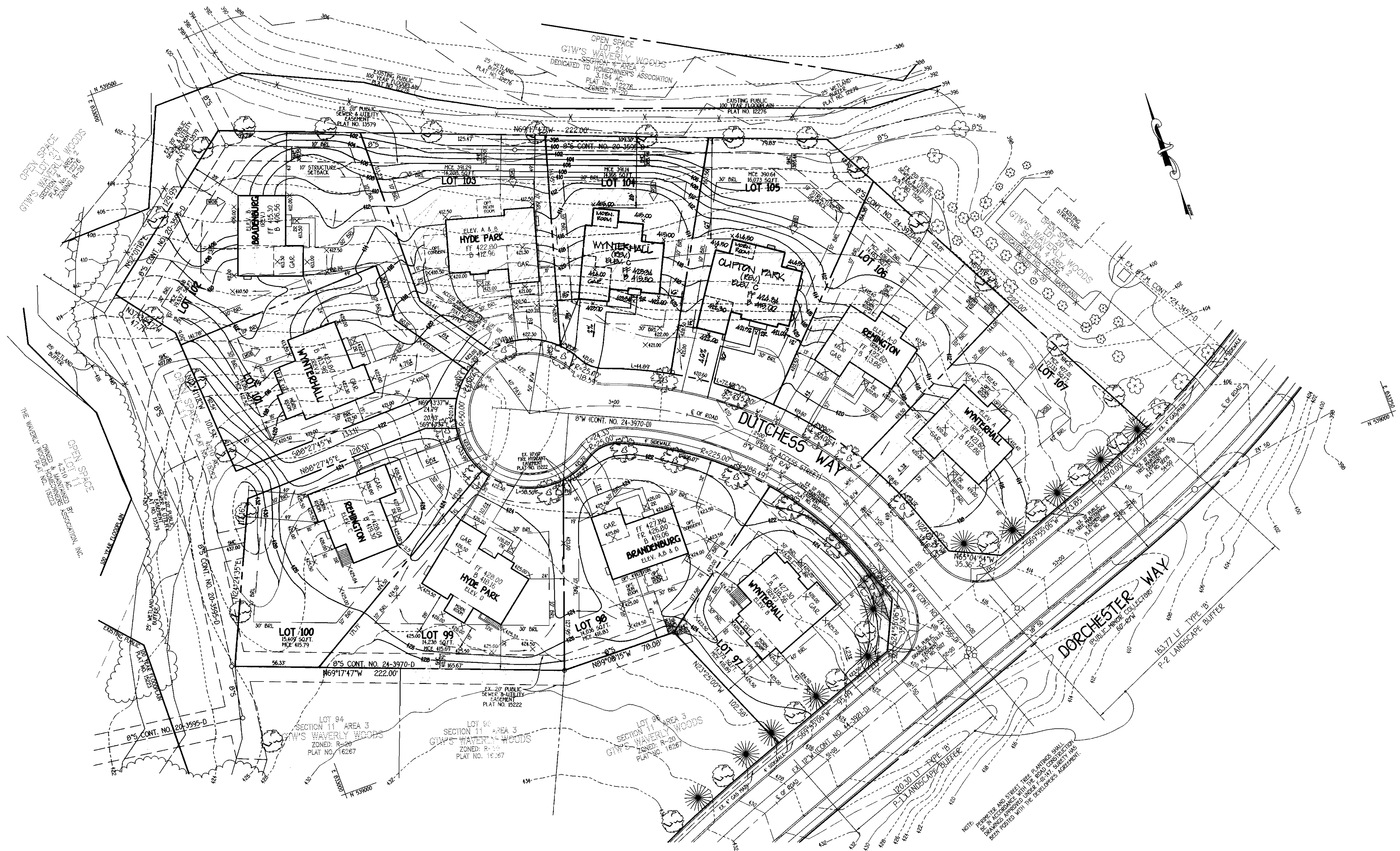
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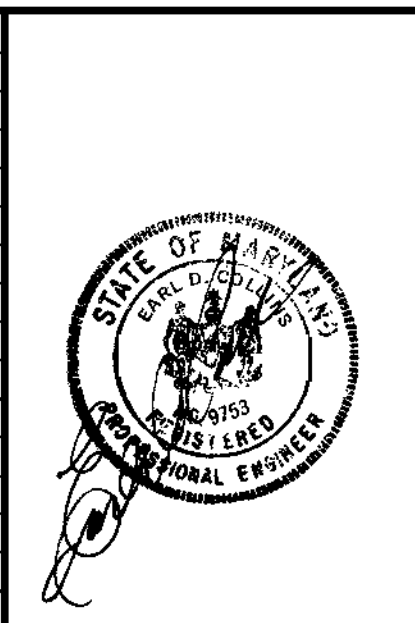
SHEET 5 OF 5

SDP 04-45



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NO.	REVISION
2	REV. HSE. & GRD. LOTS 104 & 109
1	REV. HSE. & GRD. LOT 101 FROM HYDE PARK TO WYNTERHALL



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: *Earl D. Collins* Date: 11/24/03

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: *Tom Garner* Date: 11/24/03

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A. - National Resource Conservation Service Date: 12/10/02

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

Howard SCD Date: 12/10/03

OWNER/DEVELOPER
 WAVERLY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC
 6000 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043
 410-480-9105

BUILDER
 NV HOMES
 6085 MARSHALLE DRIVE
 SUITE 130
 ELLICOTT CITY, MARYLAND 21075
 410-379-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development Date: 1/8/04

Chief, Development Engineering Division Date: 12/24/03

Director - Department of Planning and Zoning Date: 1/4/04

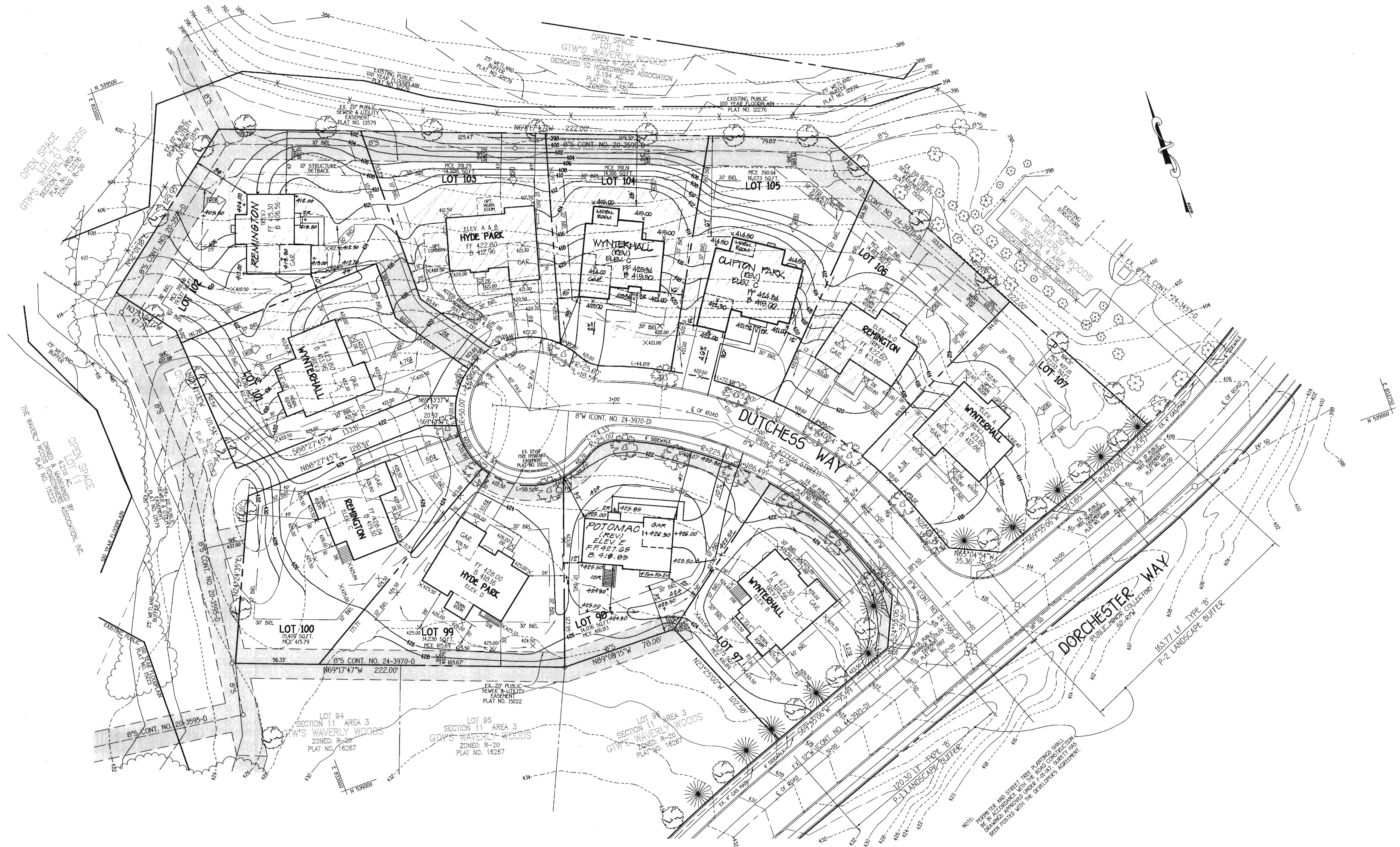
PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVERLY WOODS	SECTION 4 AREA 1	20-22
	SECTION 11 AREA 3	97-107
PLAT	BLOCK NO.	ZONE
16222-16226 16266-16272	5 & 6	R-20
TAX/ZONE	ELEC. DIST.	CENSUS TR.
16	THIRD	6030.00
WATER CODE	SEWER CODE	
H05	5993000	

SITE DEVELOPMENT PLAN

SINGLE FAMILY DETACHED
GTW'S WAVERLY WOODS
 SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107

TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003
 SHEET 3 OF 5

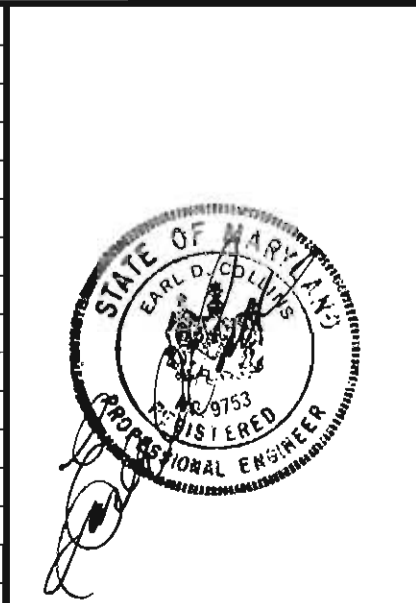
SOP 04-45



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FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL FREE
 ELLICOTT CITY, MARYLAND 21042
 410.461.2222

NO.	REVISION	DATE
4	Relocate driveway & add 4' room rm. ext. - Lot 98	3-29-04
3	Rev. HSE & GRD Lots 98 & 102	3-17-04
2	Rev. HSE & GRD Lots 104 & 105	2/1/04
1	REV. HSE & GRD. LOT 101 FROM HYDE PARK TO WYNTERHALL	11/20/03



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: *Earl D. Collins* Date: 11-24-03
 EARL D. COLLINS

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: *Tom Garner* Date: 11/24/03
 TOM GARNER

Reviewed for HOWARD SCD and meets Technical Requirements.
 U.S.D.A.-NATURAL RESOURCE CONSERVATION SERVICE
 Date: 12/10/03
 This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.
 Date: 12/10/03

OWNER/DEVELOPER
 WAVERLY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC.
 8000 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043
 410-480-9105

BUILDER
 NV HOMES
 6085 MARSHALE DRIVE
 SUITE 130
 ELK RIDGE, MARYLAND 21075
 410-379-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chief, Division of Land Development: *Wanda Hamels* Date: 1/8/04
 Chief, Development Engineering Division: *Wanda Hamels* Date: 12/24/03
 Director - Department of Planning and Zoning: *Wanda Hamels* Date: 1/8/04

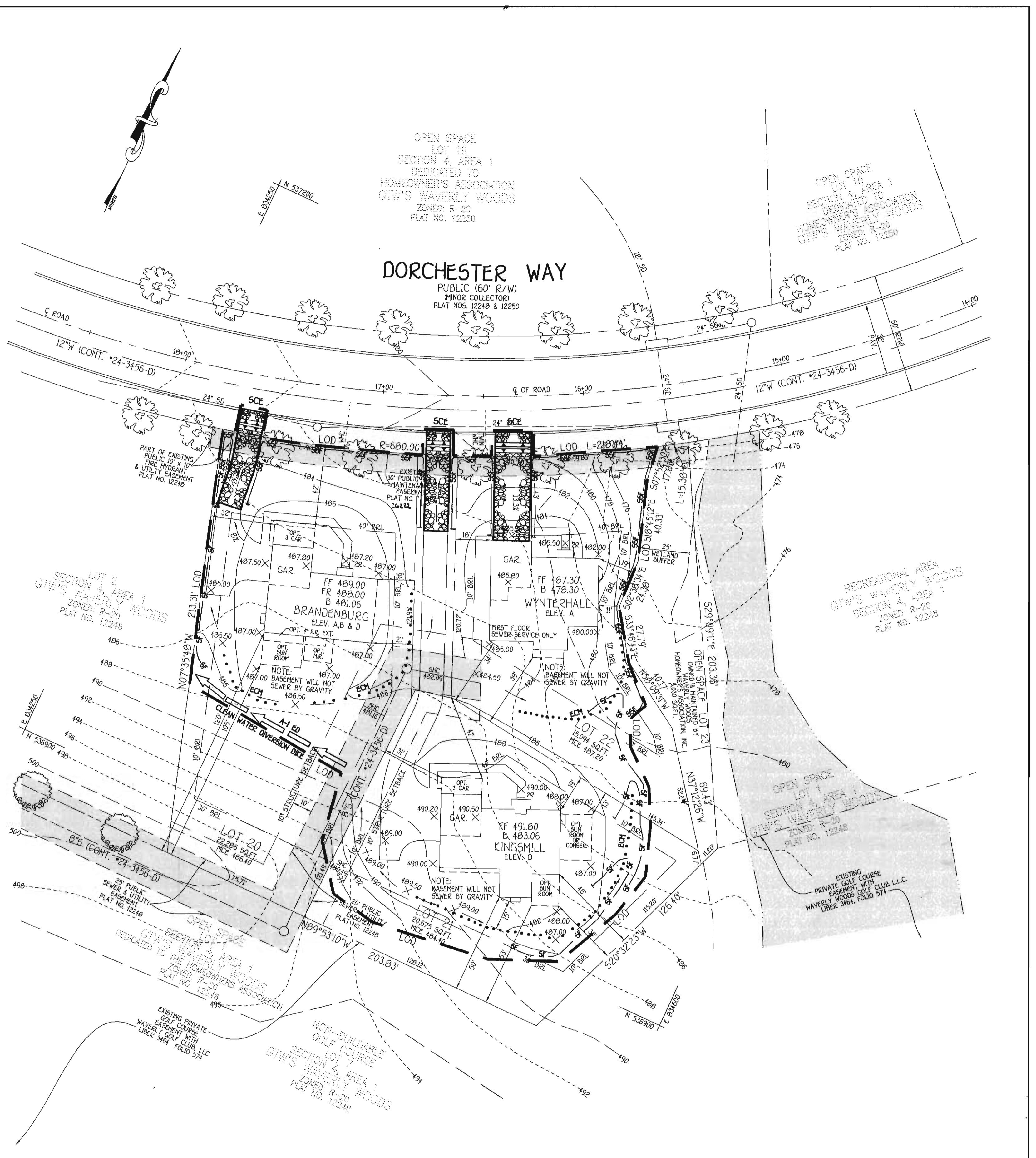
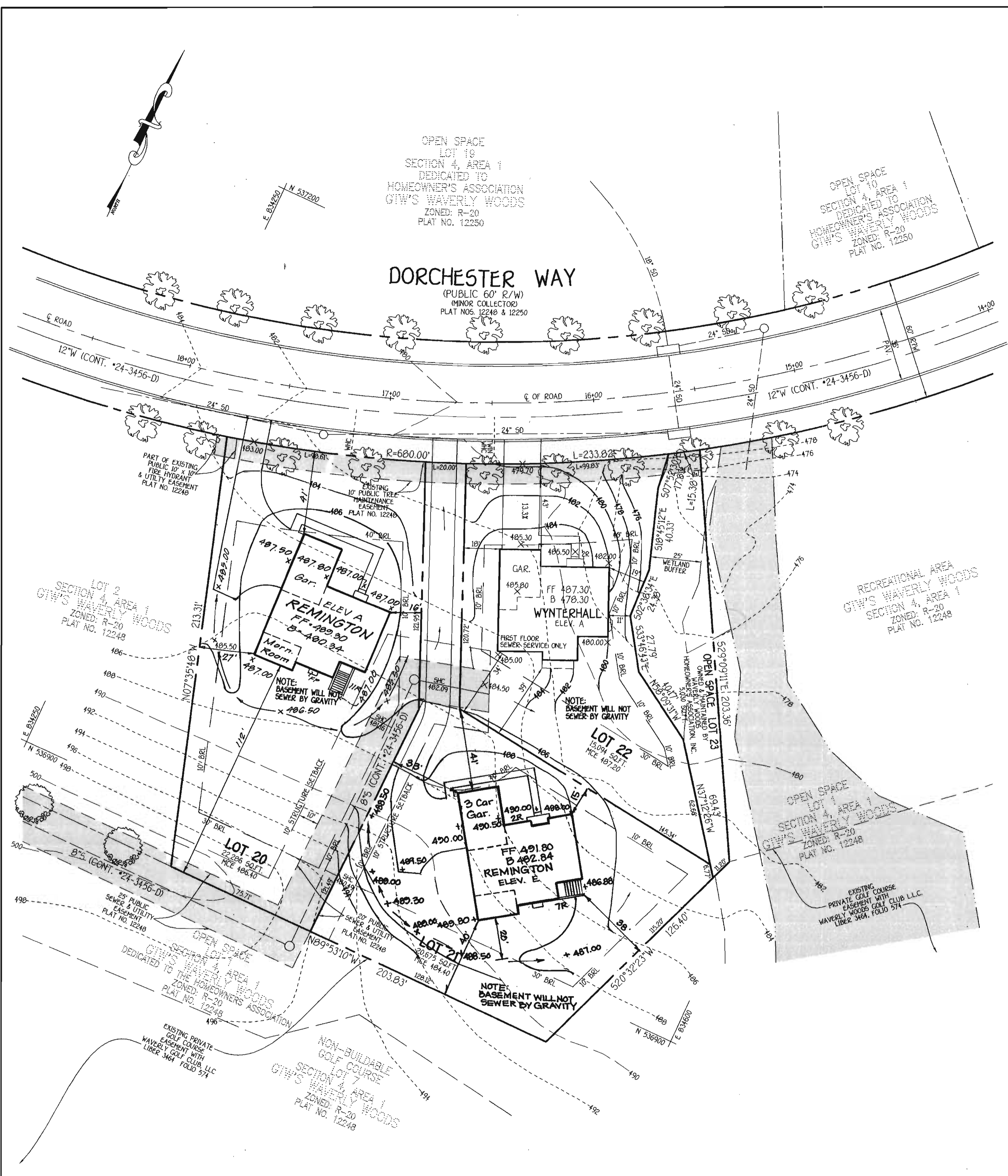
PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVERLY WOODS	SECT. 4 AREA 1 SECT. 11 AREA 3	20-22 97-107

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16266-16272	5 & 6	R-20	16	THIRD	6030.00

WATER CODE	SEWER CODE
H05	5993000

SITE DEVELOPMENT PLAN
SINGLE FAMILY DETACHED
GTW'S WAVERLY WOODS
 SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107
 TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003
 SHEET 3 OF 5

SDP 04-45



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21043
 (410) 661-2995

NO.	REVISION	DATE
2	Rev. house type & grading Lot 20	4-6-04
1	Rev. hse & grad. Lot 21	2-25-04



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: *Earl D. Collins* Date: 11/24/03
 EARL D. COLLINS
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: *Tom Garner* Date: 11/24/03
 TOM GARNER

Reviewed for HOWARD_SCD and meets Technical Requirements.

Signature: *Jim Moya/CS* Date: 12/10/03
 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.

Signature: *J.R. Robertson/CS* Date: 12/10/03
 HOWARD SCD

OWNER/DEVELOPER
 WAVERLY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC.
 8000 MAIN STREET
 ELICOTT CITY, MARYLAND 21043
 410-480-9105

BUILDER
 NV HOMES
 6085 MARSHALEE DRIVE
 SUITE 130
 ELK RIDGE, MARYLAND 21075
 410-379-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Signature: *Janice Thromber* Date: 1/5/04
 Chief, Division of Planning and Development

Signature: *Mark M. Cagle* Date: 12/24/03
 Chief, Development Engineering Division

Signature: *Mark M. Cagle* Date: 1/2/04
 Director - Department of Planning and Zoning

PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVERLY WOODS	SECT. 4 AREA 1 SECT. II AREA 3	20-22 97-107

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16266-16272	5 & 6	R-20	15	THIRD	6030.00

WATER CODE: H05
 SEWER CODE: 5993000

SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN

**SINGLE FAMILY DETACHED
 GTW'S WAVERLY WOODS**

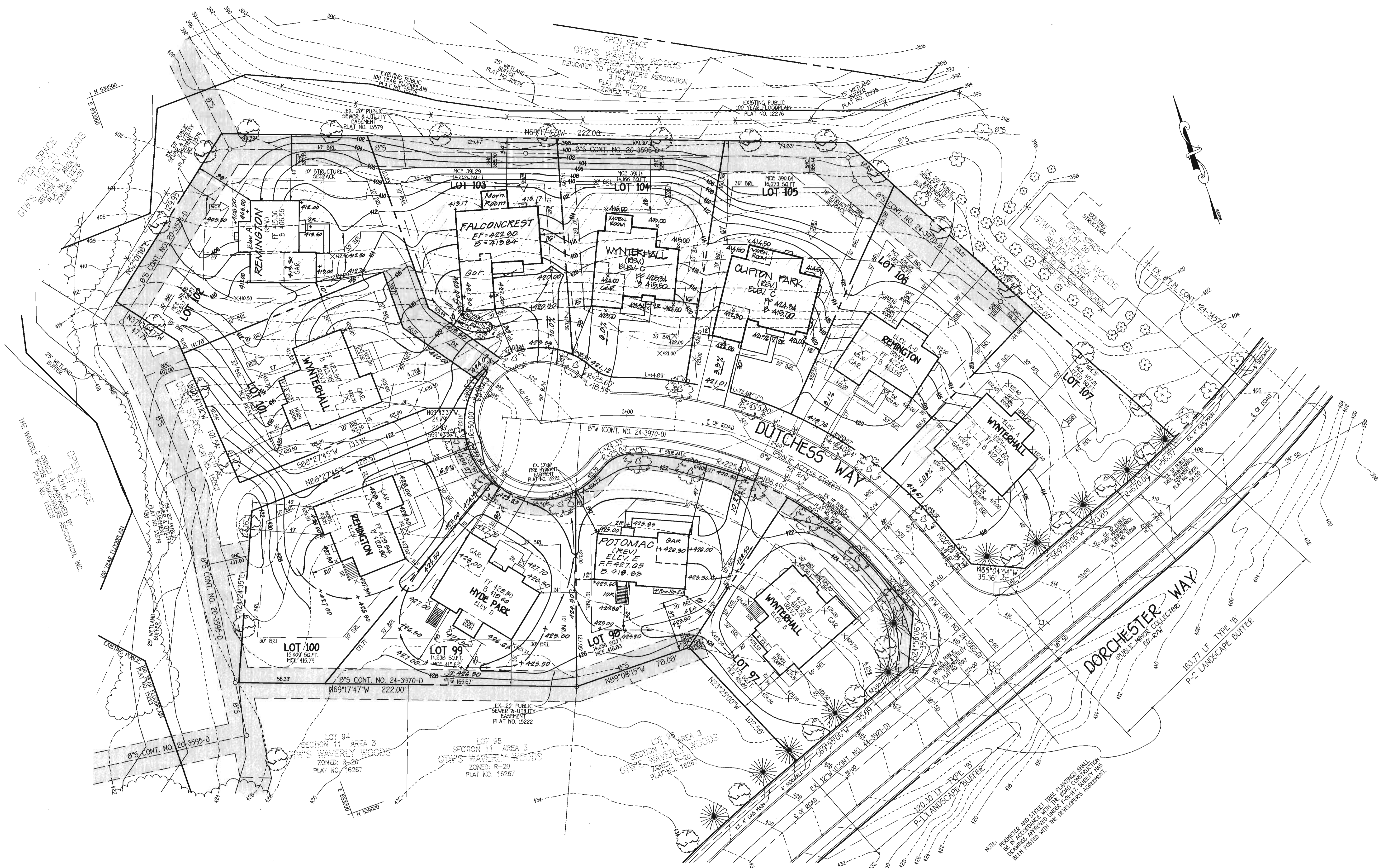
SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107

TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003

SHEET 2 OF 5

SDP 04-45

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FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10772 BALDORF NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 410.481.2000

NO.	REVISION	DATE
0	Rev. house type & grading for Lot 103	4-8-04
5	Rev. elevs on Lots 98-103 to accommodate road elevs; rev house models on Lots 98 & 102	4-5-04
A	Relocate driveway & add 4' from rm. ext. - Lot 98	3-29-04
B	Rev. hse & grad Lots 98 & 102	3-17-04
C	REV. HSE. & GRD. LOTS 104 & 105	2/10/04
1	REV. HSE. & GRD. LOT 101 FROM HYDE PARK TO WYNTERHALL	11/20/03



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: *Earl D. Collins* 11-24-03 Date
DEVELOPER'S CERTIFICATE
 "I/we certify that all development and construction will be done according to this plan, for sediment and erosion control and that 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: *Tom Garner* 11/24/03 Date

Reviewed for HOWARD SCD and meets Technical Requirements. 12/10/03 Date
John Brown / ca
 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.
 Signature of Howard SCD: *John Brown / ca* 12/10/03 Date
OWNER/DEVELOPER
 WAVELY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC.
 8000 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043
 410-480-9105
BUILDER
 NV HOMES
 6085 MARSHALEE DRIVE
 SUITE 130
 ELK RIDGE, MARYLAND 21075
 410-379-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Division of Land Development: *Uinda Hamrick* 1/5/04 Date
 Chief, Development Engineering Division: *Richard Munn* 12/24/03 Date
 Director - Department of Planning and Zoning: *Marsha K. Cooper* 12/10/03 Date

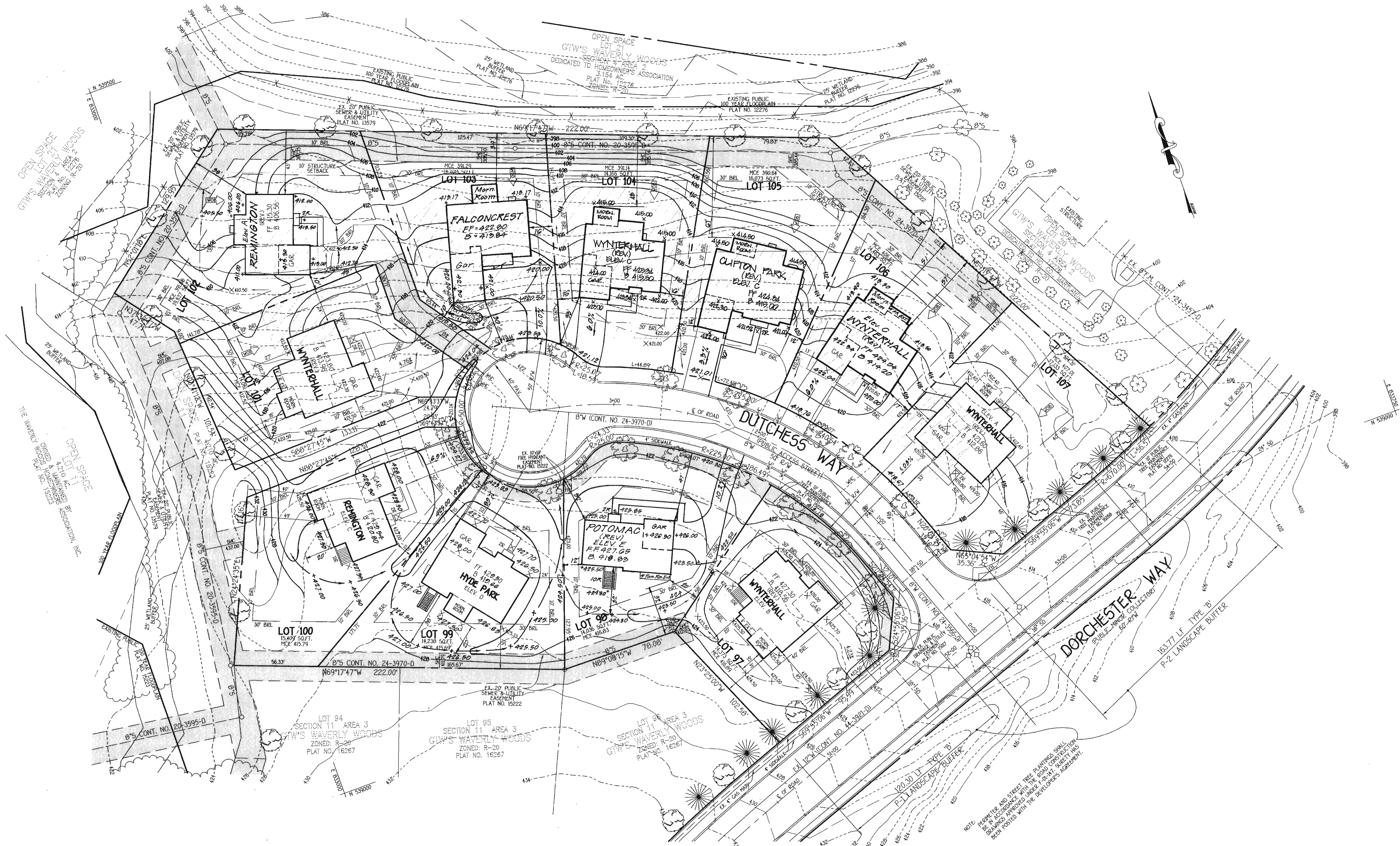
PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVELY WOODS	SECT. 4 AREA 1 SECT. 11 AREA 3	20-22 97-107

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16266-16272	5 & 6	R-20	16	THRD	6030.00

WATER CODE	SEWER CODE
H05	5993000

SITE DEVELOPMENT PLAN
SINGLE FAMILY DETACHED
GTW'S WAVELY WOODS
 SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107
 TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003
 SHEET 3 OF 5

SDP 04-45



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FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2095

NO.	REVISION	DATE
7	Rev. house type & grading for Lot 106	5/6/04
6	Rev. house type & grading for Lot 109	4/8/04
5	Rev. elevs on Lots 98-109 to accommodate road elevs, rev house models on Lots 98 & 102	4/5/04
4	Relocate driveway & add 4' form. rm. ext. - Lot 98	3/29/04
3	Rev. hse & grd. Lots 98 & 102	3/17/04
2	REV. HSE. & GRD. LOTS 104 & 109	2/10/04
1	REV. HSE. & GRD. LOT 101 FROM HYDE PARK TO WYNTERHALL	11/20/03



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: *Earl D. Collins* Date: 11/24/03
 EARL D. COLLINS

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: *Tom Garner* Date: 11/24/03
 TOM GARNER

Reviewed for HOWARD SCD and meets Technical Requirements.
Jim Mayo/ea 12/10/03
 U.S.D.A.-Natural Resources Conservation Service
 Date

This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.
John Robertson/ea 12/10/03
 Date

OWNER/DEVELOPER
 WAVELY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC.
 8000 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043
 410-480-9105

BUILDER
 NV HOMES
 6085 MARSHALLE DRIVE
 SUITE 130
 ELKCRIDGE, MARYLAND 21075
 410-379-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Wanda Hancock 1/6/04
 Chief, Division of Land Development
 Date

Christopher Sweeney 12/24/03
 Chief, Development Engineering Division
 Date

Thomas G. Lyster 12/10/03
 Director - Department of Planning and Zoning
 Date

PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVELY WOODS	SECT. 4 AREA 1 SECT. II AREA 3	20-22 97-107

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16266-16272	5 & 6	R-20	16	THIRD	6030.00

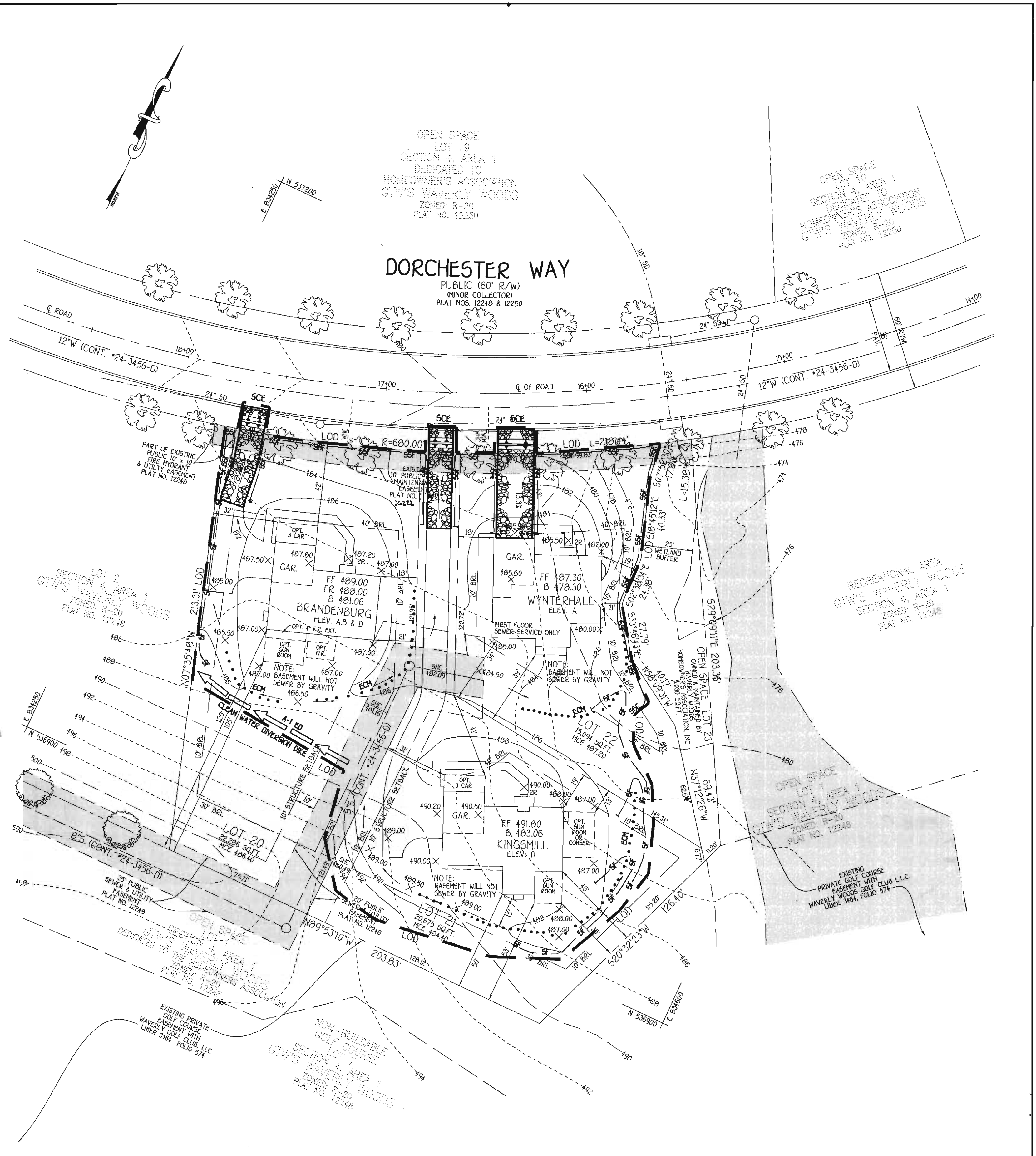
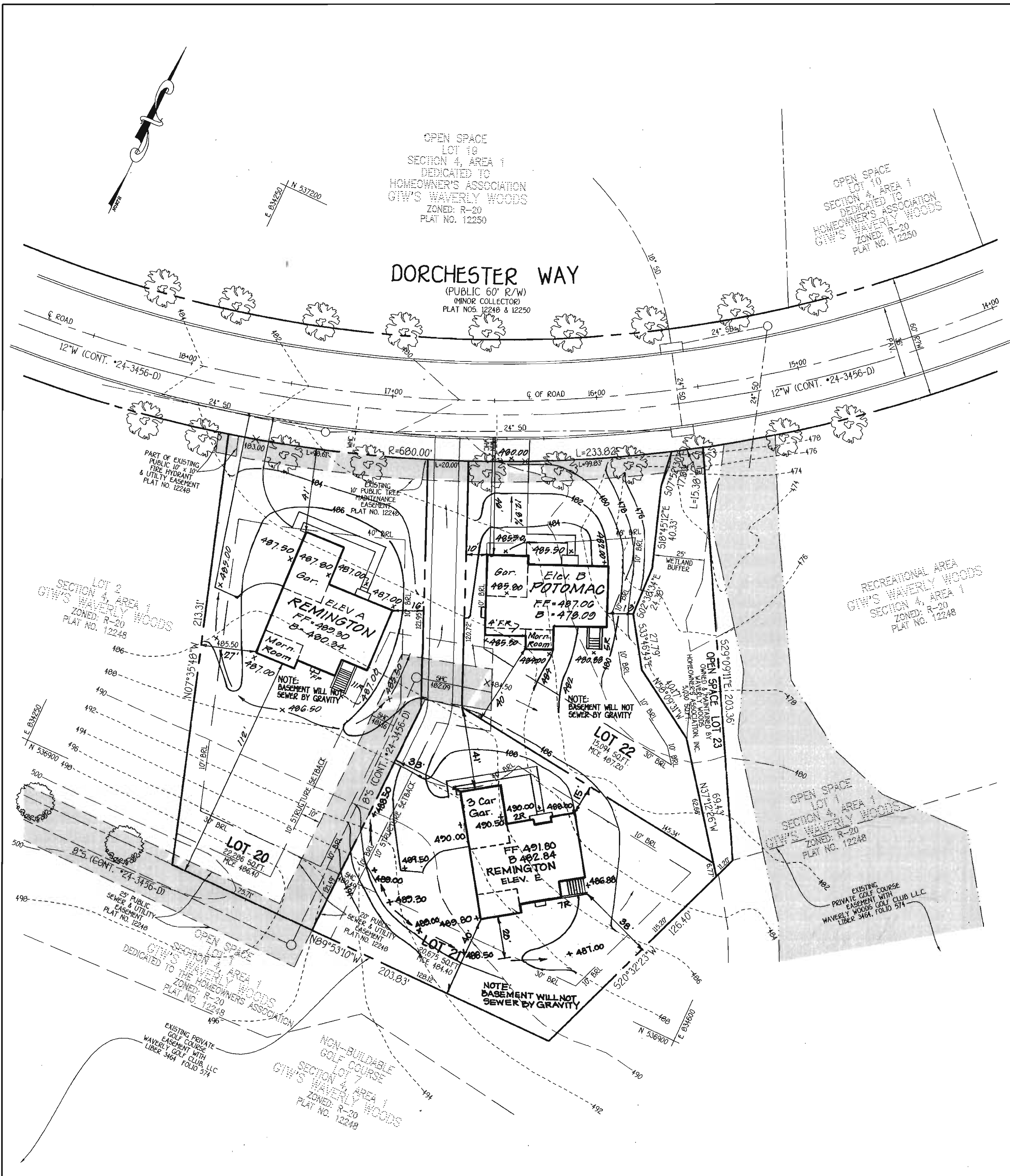
WATER CODE	SEWER CODE
H05	5993000

SITE DEVELOPMENT PLAN

SINGLE FAMILY DETACHED
GTW'S WAVELY WOODS
 SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107

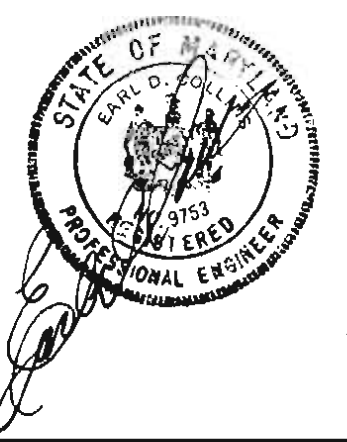
TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003
 SHEET 3 OF 5

SDP 04-45



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 681-2955

NO.	REVISION	DATE
3	Rev. house type & grading Lot 22	5-25-04
2	Rev. house type & grading Lot 20	4-6-04
1	Rev. hsc & grad. Lot 21	2-25-04



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: *Earl D. Collins* Date: 11/24/03
 EARL D. COLLINS
 PROFESSIONAL ENGINEER

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: *Tom Garner* Date: 11/24/03
 TOM GARNER

Reviewed for HOWARD SCD and meets Technical Requirements.
 Signature: *J. R. Robertson* Date: 12/10/03
 J. R. ROBERTSON / CS
 HOWARD SCD

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Division of Planning and Zoning: *Frank M. Hinkle* Date: 12/24/03
 Chief, Development Engineering Division: *Mark M. Hinkle* Date: 12/24/03
 Director - Department of Planning and Zoning: *Mark M. Hinkle* Date: 12/24/03

OWNER/DEVELOPER	BUILDER
WAVERLY WOODS DEVELOPMENT CORPORATION C/O LAND DESIGN AND DEVELOPMENT, LLC. 6000 MAIN STREET ELLICOTT CITY, MARYLAND 21043 410-480-9105	NV HOMES 6085 MARSHALLEE DRIVE SUITE 130 ELKRIE, MARYLAND 21075 410-379-5956

PROJECT	SECTION/AREA	LOT No.
GTW'S WAVERLY WOODS	SECTION 4 AREA 1 SECTION 11 AREA 3	20-22 97-107

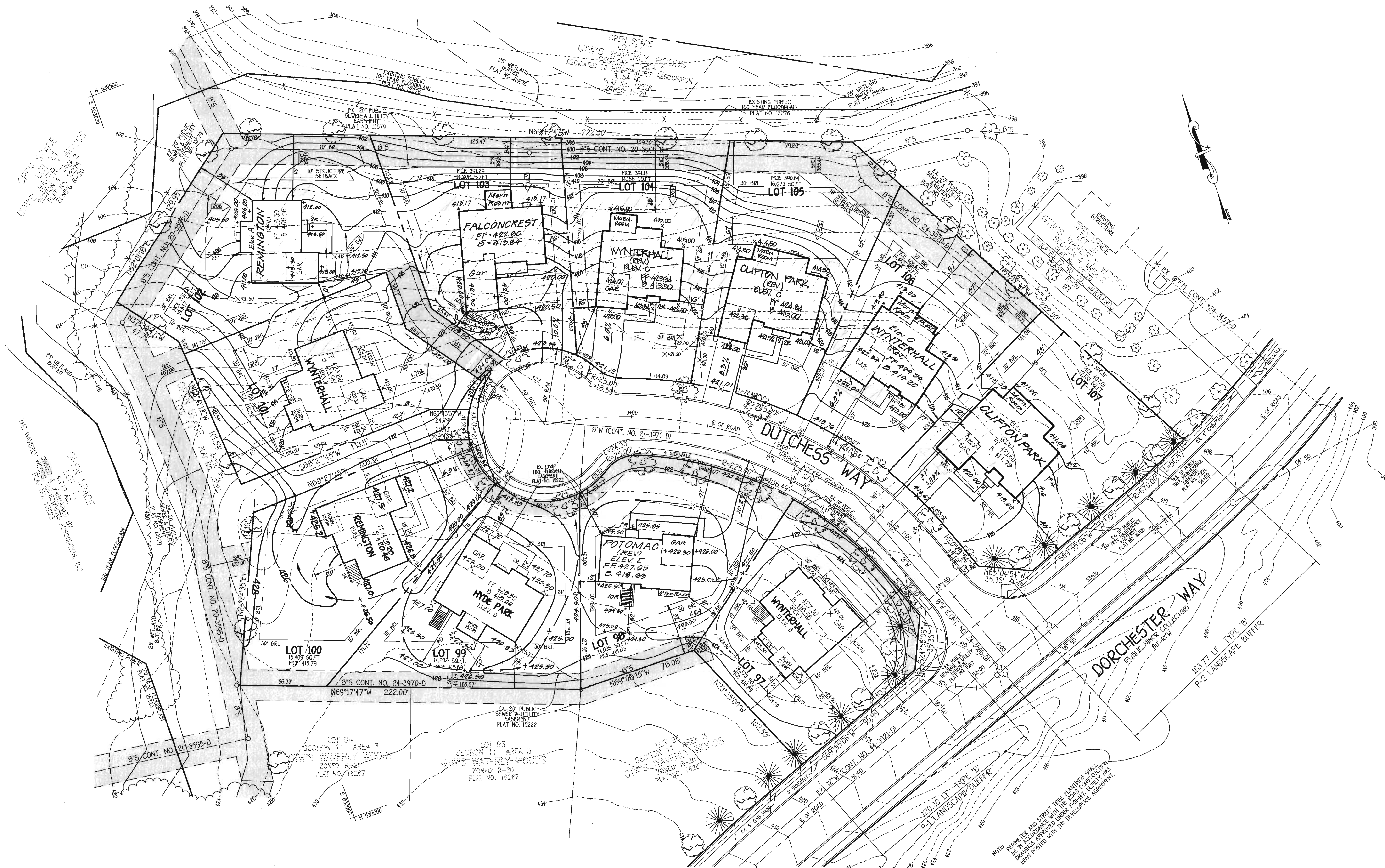
PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16226-16272	5 & 6	R-20	16	THIRD	6030.00

WATER CODE	SEWER CODE
H05	5993000

SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN

SINGLE FAMILY DETACHED
GTW'S WAVERLY WOODS
 SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107

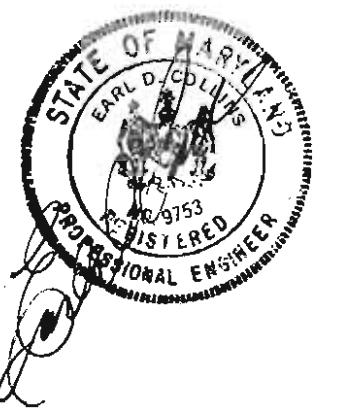
TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30" DATE: MARCH, 2003
 SHEET 2 OF 5



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FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 2072 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 401-2099

NO.	REVISION	DATE
1	Rev. HSE. & GRD. LOT 101 FROM HYDE PARK TO WYNTERHALL	11/20/03
2	REV. HSE. & GRD. LOTS 104 & 105	11/20/03
3	REV. HSE. & GRD. LOTS 98 & 102	9-17-04
4	Relocate driveway & add 4' Por. rm. ext. - Lot 98	9-29-04
5	Rev. elevs on Lots 98-106 to accommodate road	4-5-04
6	Rev. house type & grading for Lot 102	5-0-04
7	Rev. house type & grading for Lot 106	5-0-04
8	Rev. house type & grading for Lot 107	5-29-04
9	Rev. grad. lot 100 to show ex. conditions	5-25-04



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: *Earl D. Collins* Date: 11-24-03
 EARL D. COLLINS

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: *Tom Garner* Date: 11/24/03
 TOM GARNER

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.
 U.S.D.A. - Natural Resources Conservation Service
 Date: 12/10/02
 Date: 12/10/03

OWNER/DEVELOPER
 WAVELY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC.
 8000 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043
 410-400-3005

BUILDER
 NV HOMES
 6005 MARSHALEE DRIVE
 SUITE 130
 ELK RIDGE, MARYLAND 21075
 410-375-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
 Chief, Division of Land Development: *Andy Hamrick* Date: 1/5/04
 Chief, Development Engineering Division: *Christopher Williams* Date: 12/24/03
 Director, Department of Planning and Zoning: *Parishia K. Taylor* Date: 1/2/04

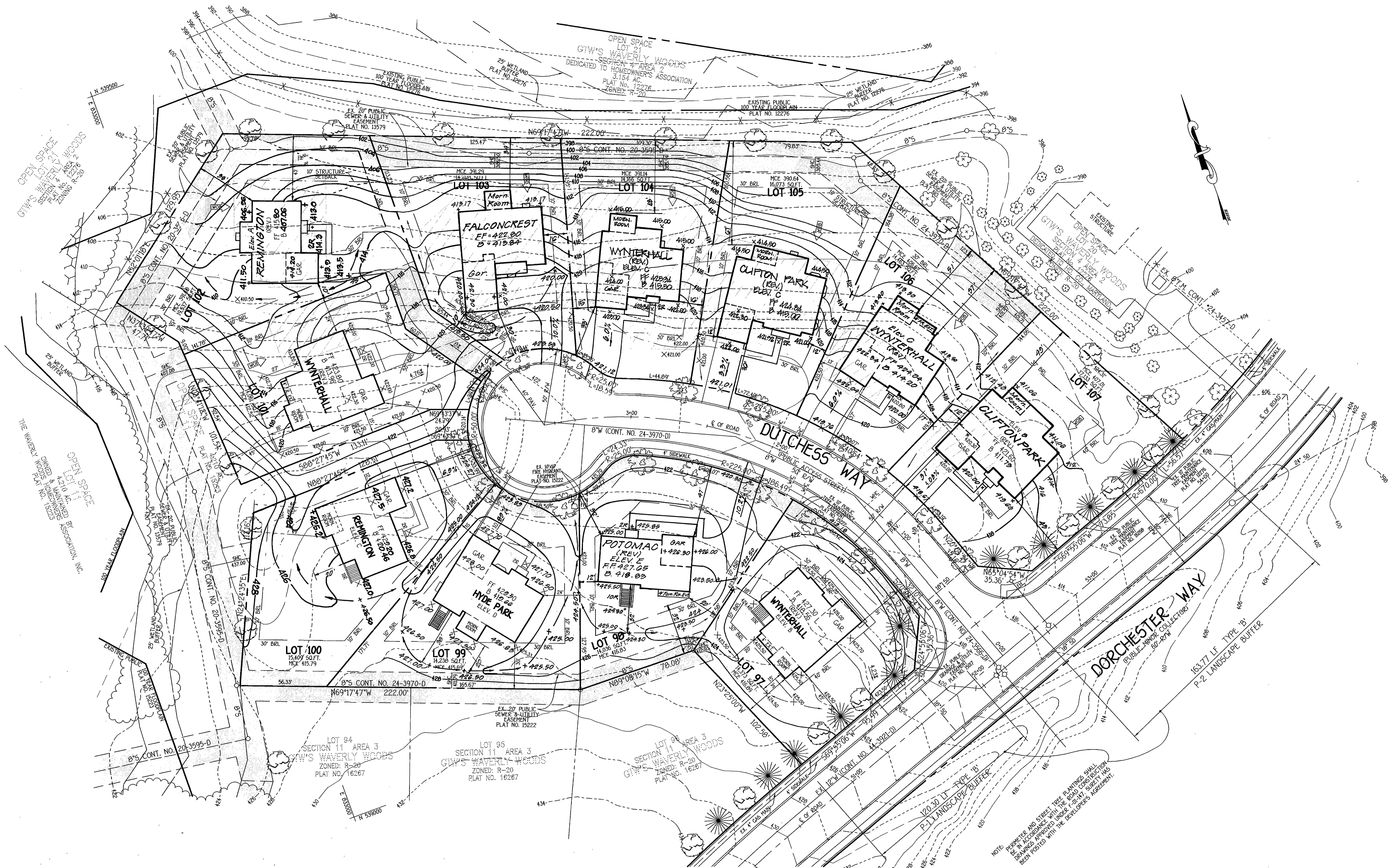
PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVELY WOODS	SECT. 4 AREA 1 SECT. 11 AREA 3	20-22 97-107

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16266-16272	5 & 6	R-20	16	THRD	6030.00

WATER CODE: H05
 SEWER CODE: 5993000

SITE DEVELOPMENT PLAN
SINGLE FAMILY DETACHED
GTW'S WAVELY WOODS
 SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107
 TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003
 SHEET 3 OF 5

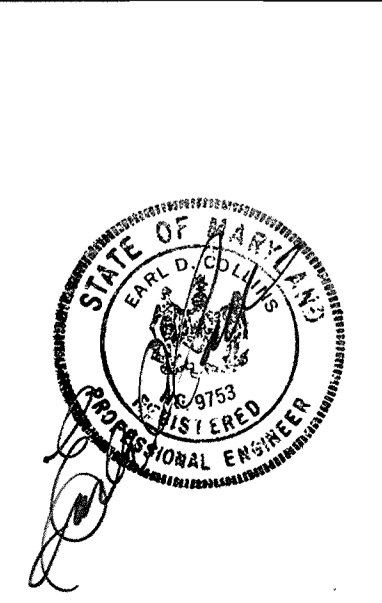
SDP 04-45



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FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10712 DALLHOPE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 410-461-2895

NO.	REVISION	DATE
10	Rev. grad. lot 102 to show As-Built Cond.	6-25-04
9	Rev. grad. lot 100 to show ex. conditions	5-29-04
8	Rev. house type & grading for Lot 107	5-29-04
7	Rev. house type & grading for Lot 106	5-0-04
6	Rev. house type & grading for Lot 103	4-0-04
5	Rev. elevs on Lots 98-102 to accommodate road elevs, rev house models on Lots 98 & 102	4-5-04
4	Relocate driveway & add 4' trim rm. ext. - Lot 98	9-29-04
3	Rev. hse & grad. Lots 98 & 102	9-17-04
2	Rev. hse & grad. Lots 104 & 102	8/10/04
1	REV. HSE & GRD. LOT 101 FROM HYDE PARK TO WYNTERHALL	11/20/03



ENGINEER'S CERTIFICATE
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Signature of Engineer: *Earl D. Collins* Date: 11/24/03
 EARL D. COLLINS

DEVELOPER'S CERTIFICATE
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Signature of Developer: *Tom Garner* Date: 11/24/03
 TOM GARNER

Reviewed for HOWARD SCD and meets Technical Requirements.

U.S.D.A.-Natural Resources Conservation Service
Jim Myers/10 Date: 12/10/03
John Robertson/05 Date: 12/10/03

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

OWNER/DEVELOPER
 WAVERLY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC.
 8000 MAIN STREET
 ELLICOTT CITY, MARYLAND 21043
 410-490-3105

BUILDER
 NV HOMES
 6095 MARSHALLEE DRIVE
 SUITE 130
 ELK RIDGE, MARYLAND 21075
 410-375-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Wanda Hamrick Date: 1/6/04
 Chief, Division of Land Development

Christopher... Date: 12/24/03
 Chief, Development Engineering Division

... Date: 1/2/04
 Director - Department of Planning and Zoning

PROJECT	SECTION/AREA	LOT NO.
GTW'S WAVERLY WOODS	SECT. 4 AREA 1 SECT. 11 AREA 3	20-22 97-107

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16266-16272	5 & 6	R-20	16	THIRD	6030.00

WATER CODE: H05 SEWER CODE: 5993000

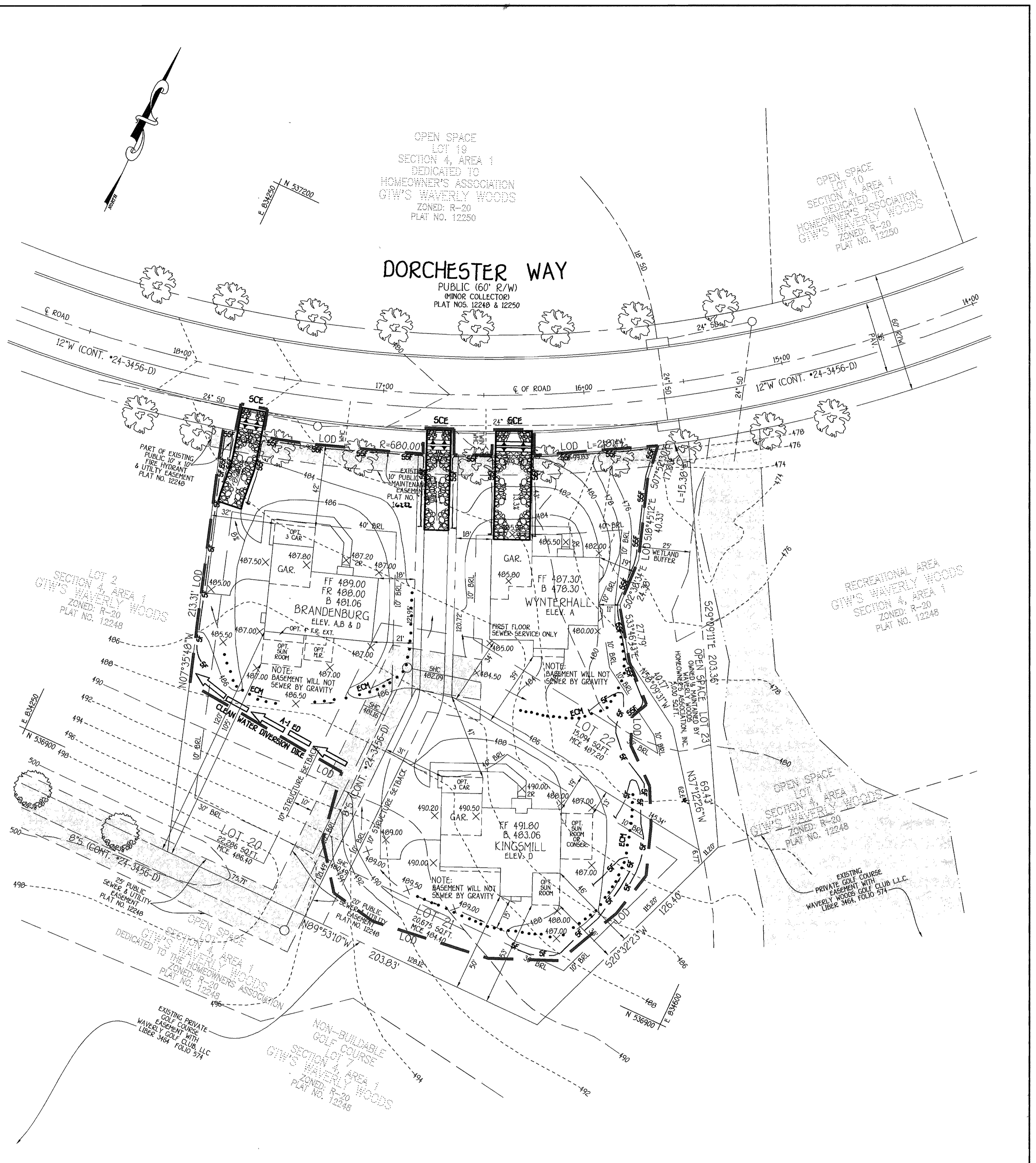
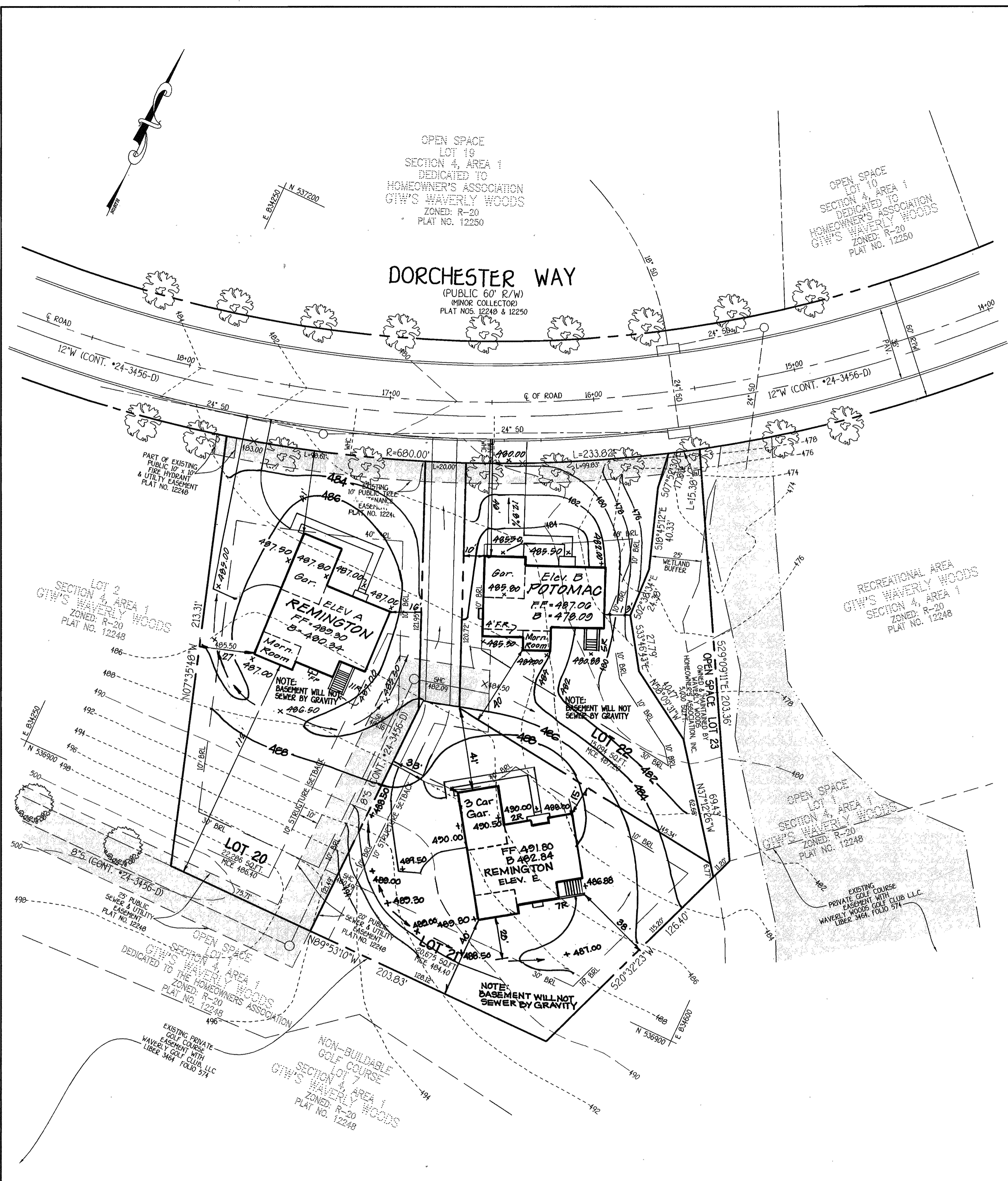
SITE DEVELOPMENT PLAN

SINGLE FAMILY DETACHED
GTW'S WAVERLY WOODS
 SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107

TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003

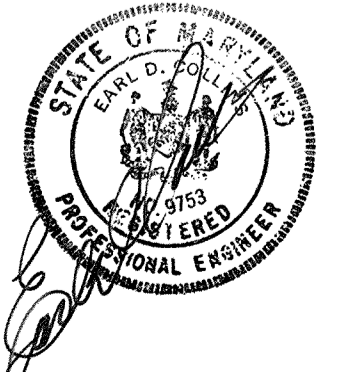
SHEET 3 OF 5

SDP 04-45



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2255

NO.	REVISION	DATE
3	Rev. house type & grading Lot 22	5-25-04
2	Rev. house type & grading Lot 20	4-6-04
1	Rev. hse & grad. Lot 21	2-25-04



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.

Earl D. Collins 11/24/03
 Signature of Engineer EARL D. COLLINS Date

DEVELOPER'S CERTIFICATE
 I/We certify that all development and construction will be done according to this plan, for sediment and erosion control and that 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.

Tom Garner 11/24/03
 Signature of Developer TOM GARNER Date

Reviewed for HOWARD SCD and meets Technical Requirements.

Jim Myers/CS 12/10/03
 U.S.D.A. Natural Resources Conservation Service Date

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

J.R. Robertson/CS 12/10/03
 Howard SCD Date

OWNER/DEVELOPER
 WAVERLY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, LLC.
 8000 MAIN STREET
 ELICOTT CITY, MARYLAND 21043
 410-460-3105

BUILDER
 NV HOMES
 6085 MARSHALEE DRIVE
 SUITE 130
 ELK RIDGE, MARYLAND 21075
 410-379-5956

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Janis Hamner 1/14/04
 Chief, Department of Planning and Zoning Date

Tom Garner 12/24/03
 Chief, Development Engineering Division Date

Mark M. Gage 1/14/04
 Director - Department of Planning and Zoning Date

PROJECT	SECTION/AREA	LOT NO.
GW'S WAVERLY WOODS	SECT. 4 AREA 1 SECT. II AREA 3	20-22 97-107

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DIST.	CENSUS TR.
16222-16226 16266-16272	5 & 6	R-20	16	THIRD	6030.00

WATER CODE: H05 SEWER CODE: 5993000

SITE DEVELOPMENT & SEDIMENT/EROSION CONTROL PLAN

**SINGLE FAMILY DETACHED
 GW'S WAVERLY WOODS**

SECTION 4 AREA 1, LOTS 20-22 &
 SECTION 11 AREA 3, LOTS 97-107

TAX MAP No: 16 PARCEL No's: 417 & 435 GRID No's.: 5 & 6
 THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30' DATE: MARCH, 2003
 SHEET 2 OF 5