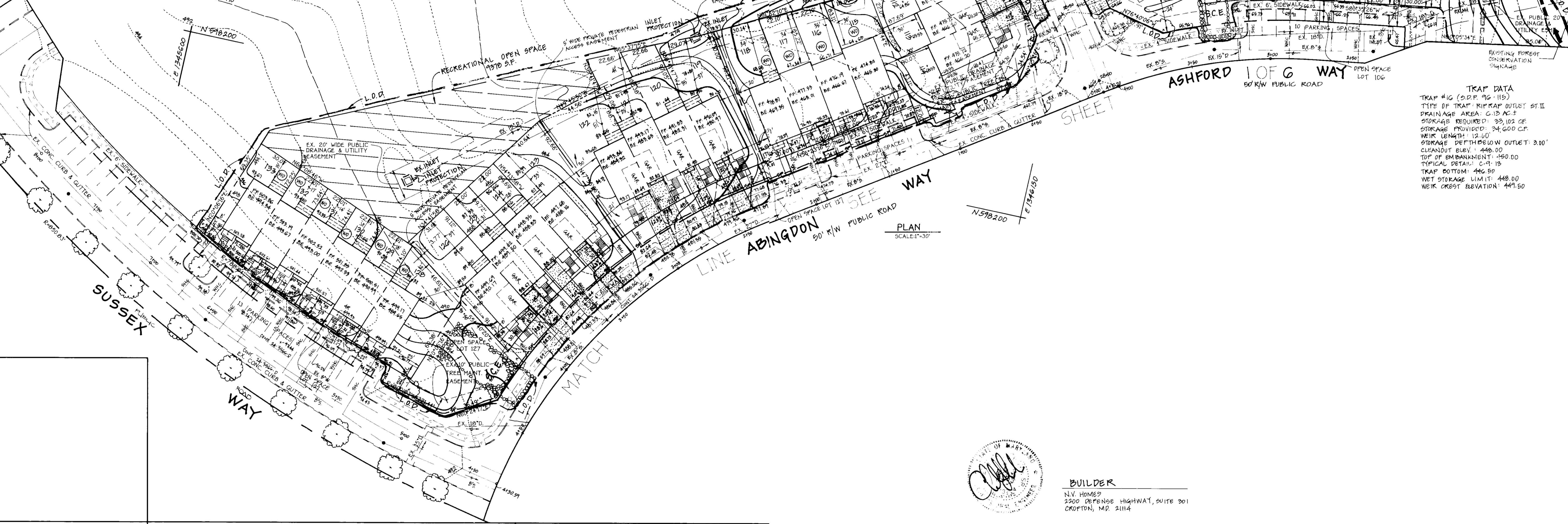


LOT INFORMATION					
LOT #	LOT AREA (SQ. FT.)	DWELLING UNIT SIZE (SQ. FT.)	% OF COVERAGE	MIN. CELLAR ELEV.	MIN. ELEV. OF PROPERTY LINE (S.H.C.)
13	2890	735	36	496.8	493.20
14	1870	720	47	496.7	493.16
15	1870	720	47	496.4	492.81
16	1872	720	47	496.4	492.82
17	2917	735	36	496.2	492.60
18	4191	735	28	496.7	492.14
19	2604	720	36	496.6	492.07
20	2316	720	40	496.5	491.93
21	2178	720	42	496.6	492.01
22	2043	720	45	496.2	491.60
23	1920	720	48	496.7	491.78
24	3818	735	44	494.9	490.43
110	5076	711	18	499.7	491.10
111	2091	702	44	496.0	491.46
112	1878	702	47	496.1	491.66
113	1966	876	45	496.8	491.90
114	2907	711	23	496.7	492.10
115	2420	876	36	496.8	491.78
116	1892	836	45	496.7	492.10
117	1878	894	45	497.6	492.01
118	2663	715	34	499.4	494.81
119	3188	735	27	497.9	496.35
120	2191	720	42	497.3	497.71
121	2323	720	40	497.0	496.48
122	3257	735	28	494.8	490.21
123	3236	735	27	495.5	490.78
124	1971	720	47	497.3	497.71
125	1987	720	46	498.1	497.92
126	2826	735	33	497.5	494.76
128	3024	715	30	496.6	492.07
129	1236	720	56	494.1	487.51
130	1640	720	56	494.2	488.05
131	1630	720	56	494.2	488.21
132	1606	720	57	494.4	488.80
133	2127	735	44	494.9	490.37

LEGEND	
SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
+	SPOT ELEVATION
SF	SILT FENCE
FF	FIRST FLOOR ELEVATION
BE	BASEMENT ELEVATION
W	PROPOSED WALKOUT
---	SILT FENCE
X	TREE PROTECTION
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
(S)	EXISTING STREET TREE

TRAP DATA
 TRAP NO. #15 (S.D.P. 96-115)
 TYPE OF TRAP: RIM/RAP OUTLET ST III
 DRAINAGE AREA: 10.97 AC-I
 STORAGE REQUIRED: 55,948 CU FT.
 STORAGE PROVIDED: 56,730 CU FT.
 WEIR LENGTH: 12.0'
 STORAGE DEPTH BELOW OUTLET: 4.0'
 CLEANOUT ELEV.: 448.00
 TOP OF EMBANKMENT: 452.00
 TYPICAL DETAIL: C-19-13
 TRAP BOTTOM: 446.00
 NET STORAGE LIMIT: 448.00
 WEIR CREST ELEVATION: 450.00

NOTE: ALL S.H.C.'S ARE 4" DIAMETER.
 ALL TWIN W.H.C.'S ARE 1-1/2" DIAMETER.
 ALL SINGLE W.H.C.'S ARE 3/4".



NOTE: UNITS 13-17 CONSTRUCTION TO BE DELAYED UNTIL UPLAND AREAS HAVE BEEN PERMANENTLY STABILIZED AND E/S CONTROL INSPECTOR HAS GRANTED PERMISSION TO REMOVE OR REGRADE EX. TRAP 16. SEE SHEET A OF C FOR ULTIMATE CONDITIONS DETAIL.

TRAP DATA
 TRAP #16 (S.D.P. 96-115)
 TYPE OF TRAP: RIM/RAP OUTLET ST II
 DRAINAGE AREA: 6.13 AC-I
 STORAGE REQUIRED: 33,102 CU FT.
 STORAGE PROVIDED: 34,600 CU FT.
 WEIR LENGTH: 12.00'
 STORAGE DEPTH BELOW OUTLET: 3.00'
 CLEANOUT ELEV.: 448.00
 TOP OF EMBANKMENT: 450.00
 TYPICAL DETAIL: C-19-13
 TRAP BOTTOM: 446.00
 NET STORAGE LIMIT: 448.00
 WEIR CREST ELEVATION: 449.50

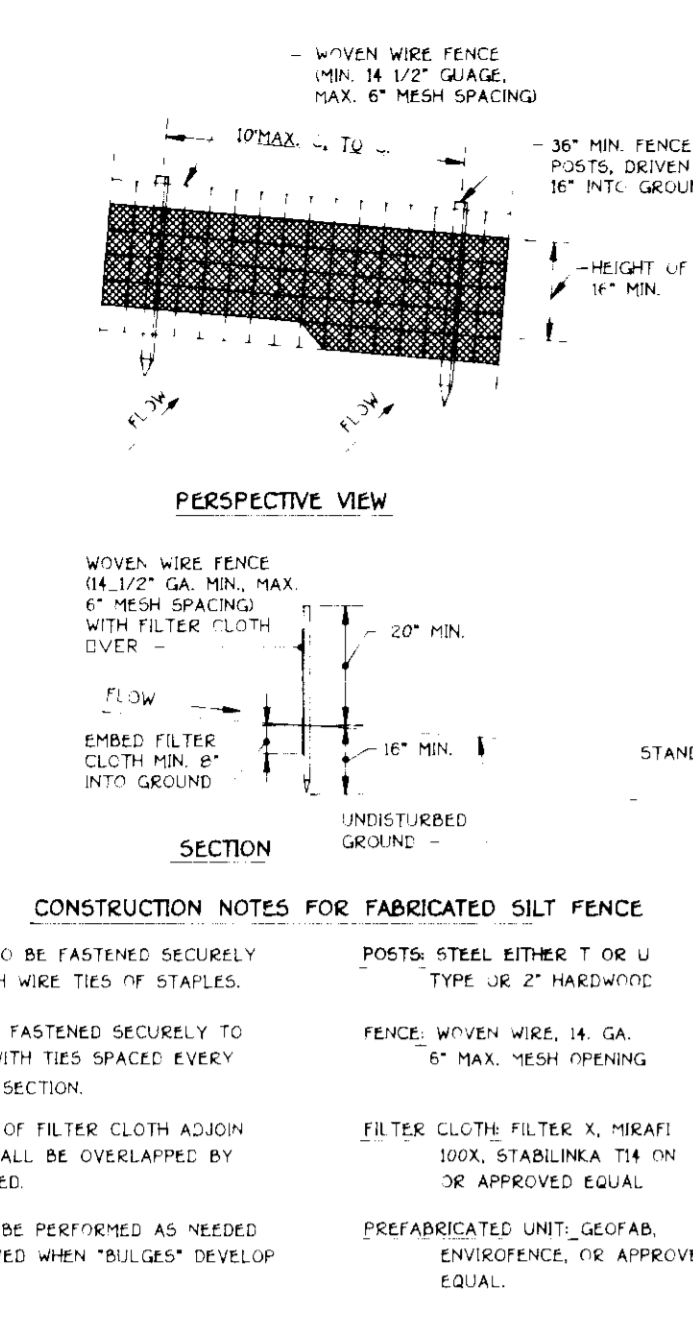
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CONTINENTAL SQUARE OFFICE PARK - 10725 BALTIMORE NATIONAL FREE
 ELLICOTT CITY, MARYLAND 21114
 410-311-2955

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.
 Signature of Engineer (Print name below signature) *Cliff* Date 3/18/97
DEVELOPER'S CERTIFICATE
 I/we certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.
 Signature of Developer (Print name below signature) *Wayne Flock* Date 3-18-97

Reviewed for HOWARD SCD and meets Technical Requirements.
 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.
 Howard SCD Date
OWNER/DEVELOPER
 WAVERLY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, INC.
 10805 HICKORY RIDGE ROAD, SUITE 215
 COLUMBIA, MARYLAND 21044

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Director of Department of Planning and Zoning
 Chief, Development Engineering Division
 Date 7/22/97
 Date 7/22/97
 Date 7/12/97
 SUBDIVISION: G.T.W.'S WAVERLY WOODS SECTION/AREA: 5
 LOT NO. 1-24, 89-108 AND 110-133
 PLAT NO. BLOCK NO. ZONE TAX/ZONE ELEC. DIST. CENSUS TR.
 WATER CODE H-05 SEWER CODE 5993000

SITE DEVELOPMENT PLAN
 G.T.W.'S WAVERLY WOODS
 SECTION 5
 LOTS 1-24, 89-108 AND 110-133
 TAX MAP No. PARCEL:
 3RD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN DATE:
 SHEET 2 OF 6

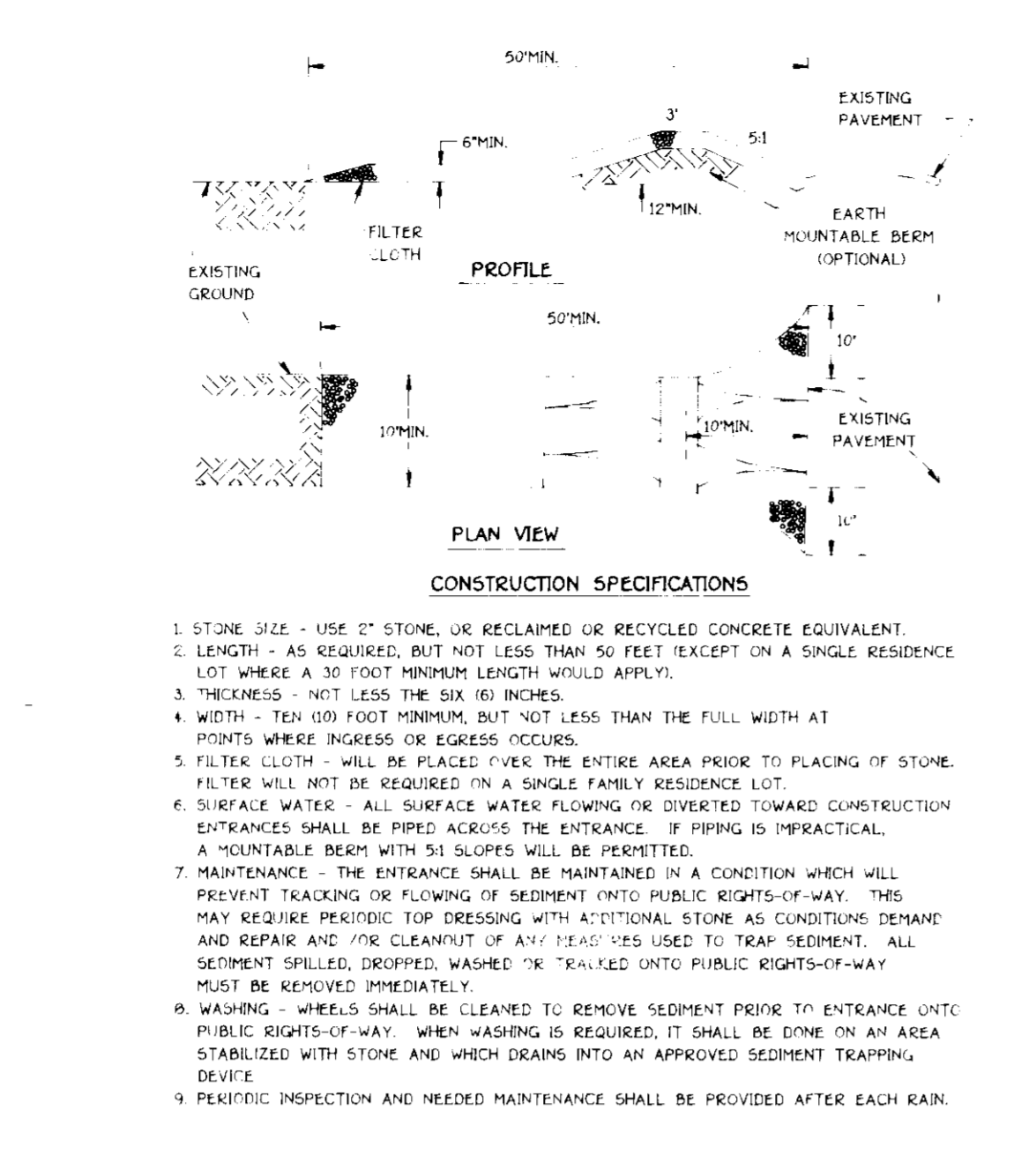


CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO POSTS WITH WIRE TIES OR U-BOLTS. U-BOLTS OR 2" HARDWARE MUST BE USED TO ATTACH FENCE TO POSTS.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND 18" SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 50 INCHES AND FENCED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REPLISHED WHEN "MUD-CAP" DEVELOPS IN THE SILT FENCE.

SILT FENCE

NOT TO SCALE



STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

- DEFINITION**
Using vegetation as cover for barren soil to protect it from erosion that cause erosion. Vegetative stabilization covers are 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 run-off to downstream areas, and improving wildlife habitat.
- PURPOSE**
This practice shall be used on denuded areas as specified on the plan 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: bare, denuded, cut and fill slopes and other areas at final grade, former stockpile and staging areas, etc.
- EFFECTS ON WATER QUALITY AND QUANTITY**
Planting vegetation in disturbed areas will have an effect on the water budget, especially on volumes and rates of runoff. Infiltration, evaporation, transpiration, percolation 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 assimilating those substances present within the root zone. Sediment control devices must remain in place during grading, seeding preparation, seeding, mulching and vegetative establishment to prevent large quantities of sediment and associated chemicals and nutrients from washing into surface waters.
- SECTION 1 - VEGETATIVE STABILIZATION METHODS AND MATERIALS**
- A. Site Preparation
 1. Install erosion and sediment control structures (either temporary or permanent) such as diversions, grade stabilization structures, berms, waterways, or sediment control basins.
 2. Perform all grading operations at right angles to the slope. Final grading and shaping is not usually necessary for temporary seeding.
 3. Schedule required soil tests to determine soil amendment composition and application rates for sites having disturbed area over 5 acres.
 - B. Soil Amendment (Fertilizer and Lime Specifications)
 1. 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 chemical analysis.
 2. Fertilizers shall be uniform in composition, free flowing and suitable for accurate application by approved equipment. Fertilizer may be substituted for fertilizer with prior approval from the appropriate approval authority. Fertilizers shall also be delivered to the site fully labeled according to the applicable state fertilizer laws and shall bear the same trade name or trademark and warranty of the producer.
 3. Lime materials shall be ground limestone (hydrated or burnt lime) that will contain at least 90% total solids (calcium oxide plus magnesium oxide). Limestone shall be ground to such fineness that at least 50% will pass through a #20 mesh sieve and 90-100% will pass through a #60 mesh sieve.
 - C. Seeded Preparation
 1. 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 should not be rolled or dragged smooth, but left in the roughened condition. Sloped areas (greater than 3%) should be tracked leaving the surface in an irregular condition with ridges running parallel to the contour of the slope.
 2. Permanent Seeding:
 - a. Minimum soil conditions required for permanent vegetative establishment:
 - 1. Soil pH shall be between 6.0 and 7.0.
 - 2. Soil moisture shall be less than 500 parts per million (ppm).
 - 3. The soil shall contain less than 400 c.c. clay, but enough fine grained material (200 mesh soil plus clay) to provide the capacity to hold a moderate amount of moisture, except in cases where serious leached soils are to be planted, then a sandy soil (200 mesh soil plus clay) would be acceptable.
 - 4. Soil shall contain 1% minimum organic matter by weight.
 - 5. Soil must contain sufficient pore space to permit adequate root penetration.
 - b. Areas previously graded in conformance with the drawings shall be maintained in a true and even grade, then scarified or otherwise loosened to a depth of 3" to 5" to permit bonding of the topsoil to the surface area and to create horizontal erosion check slots to prevent topsoil from the surface area and to create horizontal erosion check slots to prevent topsoil from sliding down a slope.
 - c. Apply soil amendments as per soil test or as included on the plan.
 - d. Soil amendments shall be applied to the top 3" of topsoil by diking or other suitable means. Lawn areas should be raked 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. Steep slopes (steeper than 3%) should be tracked by a dicer leaving the soil in an irregular condition with ridges running parallel to the contour of the slope. The top 1" of soil should be loose and friable. Seeded loosening may not be necessary on newly disturbed areas.

SEDIMENT CONTROL NOTES

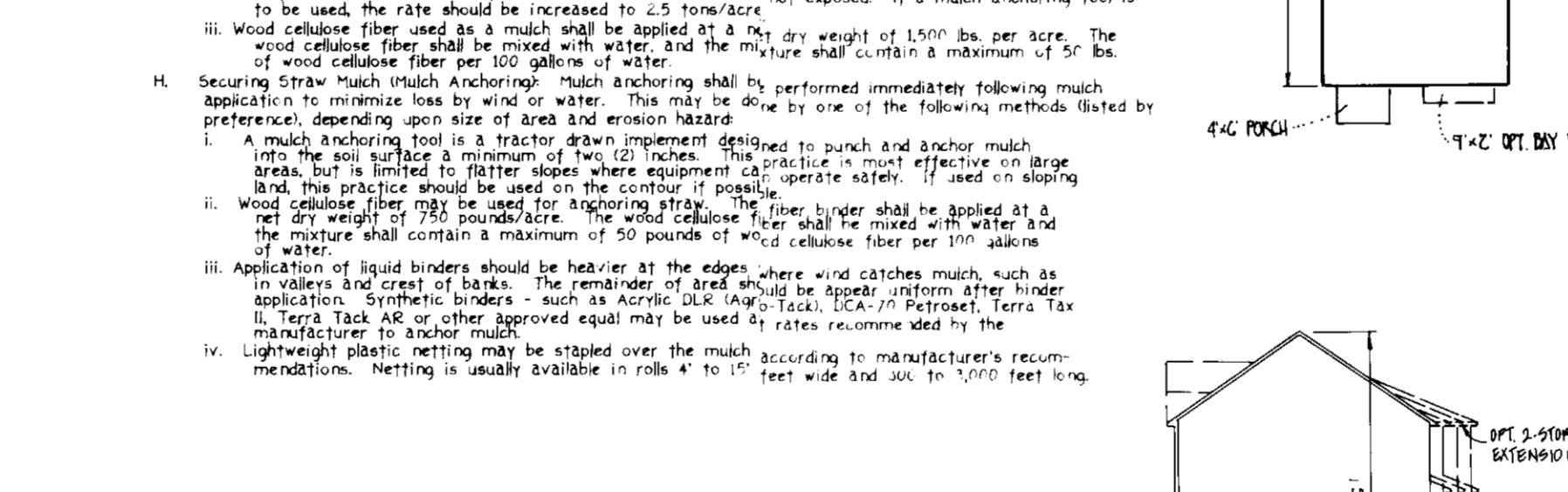
1. A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (131-105).
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS PLAN AND TO BE IN CONFORMANCE WITH THE "BEST MANAGEMENT PRACTICES" (BMP) AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND THE "MARYLAND BEST MANAGEMENT PRACTICES" (BMP) AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND THE "MARYLAND BEST MANAGEMENT PRACTICES" (BMP) AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR RE-INSTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 30 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DICES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1 TO 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. ALL SEDIMENT TRAPS/BORROWS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE, IN ACCORDANCE WITH THE 1974 MARSHLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 501, 502, 503, 504), TEMPORARY SEEDING (SEC. 501 AND MULCHING (SEC. 502), TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN COMBINED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
6. 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.
7. SITE ANALYSIS:
 - a. TOTAL AREA OF SITE: 5.6 ACRES
 - b. AREA TO BE ROOFED OR PAVED: 4.0 ACRES
 - c. AREA TO BE VEGETATIVELY STABILIZED: 1.6 ACRES
 - d. TOTAL CUT: 1,170 CU YDS.
 - e. TOTAL FILL: 872 CU YDS.
 - f. OFFSITE WASTE/BORROW AREA LOCATION: CU YDS.
 - g. DATE DAY OF DISBURBANCE: 10/1/07
8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISBURBANCE.
9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DETERMINED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR, UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROL STRUCTURES, 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.
10. TECHNIQUES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.

TEMPORARY SEEDING NOTES

- SEEDING PREPARATION:** LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
- SOIL AMENDMENTS:** APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (52 LBS./1000 SQ.FT.) AND 400 LBS. PER ACRE (200 LBS./500 SQ.FT.) FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING. RAKING OR DISCING SHOULD BE PERFORMED IMMEDIATELY AFTER SEEDING TO INCORPORATE SEED AND FERTILIZER INTO SOIL. APPLY 400 LBS. PER ACRE 50% WATER SOLUBLE FERTILIZER (14 LBS./1000 SQ.FT.) AND 400 LBS. PER ACRE (200 LBS./500 SQ.FT.) FERTILIZER (14 LBS./1000 SQ.FT.) TO TALL PLOTS AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEDING LIQUORACE. DURING THE PERIOD OF OCTOBER 15 THROUGH FEBRUARY 28, PROJECT SITES BY OPTION (D): TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (E): USE SOO OPTION (D) SEED WITH 100 LBS./ACRE (50 LBS./500 SQ.FT.) TALL PLOTS AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEDING LIQUORACE. DURING THE PERIOD OF OCTOBER 15 THROUGH FEBRUARY 28, PROJECT SITES BY OPTION (D): TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OPTION (E): USE SOO OPTION (D) SEED WITH 100 LBS./ACRE (50 LBS./500 SQ.FT.) TALL PLOTS AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ.FT.) OF WEEDING LIQUORACE.
- MULCHING:** APPLY 2 TO 3 TONS PER ACRE (60 TO 90 LBS./1000 SQ.FT.) OF UNBLENDED SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE OF 5% GALLIUM SOLUTION OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER USE 340 GALLONS PER ACRE (34 GALLONS/1000 SQ.FT.) FOR ANCHORING.
- MAINTENANCE:** INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.
- * FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWNWEATH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS TO THE SEEDING RATES AND SEEDING DATE FOR THE MIXTURE IS MARCH 1 TO APRIL 30.

PERMANENT SEEDING NOTES

1. Seed Selection: Seed selection must meet the requirements of the Maryland Seed Law. All seed shall be subject to retesting by a recognized seed laboratory. All seed used shall have been tested within the 6 months immediately preceding the date of seeding such material.
2. Method of Seeding:
 - a. Hydroseeding: Apply seed uniformly with hydroseeder (slurry includes seed and fertilizer) broadcast or drop seeded.
 - b. If fertilizer is being applied at the time of seeding, the application rates amounts will not exceed the following: Nitrogen: maximum of 100 lbs./2000 (phosphorus) 200 lbs./4000 (potassium) 200 lbs./4000 (soil moisture) 100 lbs./2000. Normal, not more than 2 tons per acre may be applied by time, do not use burnt or hydrated lime when hydroseeding.
 - c. Seed and fertilizer shall be mixed on site and seeding on site done immediately and without interruption.
 - d. Dry Seeding:
 1. Use conventional drop or broadcast spreaders.
 2. Seed spread rate shall be incorporated into the subsoil at the rates prescribed on the package and shall be applied in the package as directed by the manufacturer.
 3. Where practical, seed shall be applied in two directions perpendicular to each other.
 4. Apply half the seeding rate in each direction.
3. Soil and Outfitter Seeding:
 - a. Outfitter seeders are required to buy the seed and cover seed with soil.
 - b. Where practical, seed shall be applied in two directions perpendicular to each other.
 - c. Apply half the seeding rate in each direction.
4. Mulch Specifications (in order of preference):
 - a. Straw shall consist of thoroughly threshed wheat, rye or oat straw, reasonable bright in color, and shall be specified in the Maryland Seed Law.
 - b. WCMF shall consist of specially prepared wood cellulose processed into a uniform fibrous pulpy state.
 - c. WCMF shall be dried green or contain a green dye in the package that will provide an appropriate color to facilitate visual inspection of the material.
 - d. WCMF including dye shall contain no petroleum or other synthetic chemical ingredients.
 - e. WCMF materials shall be made up and processed with minimum water under application having moisture absorption and percolation properties and shall cover and hold grass seed.
 - f. WCMF material shall contain no elements or compounds of the grass seedlings.
5. Wood Cellulose Fiber Mulch (WCMF):
 - a. WCMF must conform to the following physical requirements: fiber length to be content of 1.67 minimum and water holding capacity, 3.00 to 3.50 inches in length, 1.50 to 2.00 diameter, 1.50 to 2.00 length, 1.50 to 2.00 diameter.
 - b. Matching Seeded Areas: Mulch shall be applied to all seeded areas, and the area shall be tracked in a manner that will ensure uniform application of the mulch material.
 - c. If grading is completed outside of the seeding season, mulch shall be applied as prescribed in this section and maintained until the seeding season starts and seeding can be performed in accordance with these specifications.
 - d. Securing Straw Mulch: Mulch anchoring 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 in descending order of preference:
 1. A mulch anchoring tool is a tractor drawn implement designed to punch and anchor mulch into the soil.
 2. If the mulch anchoring tool is not used, the mulch shall be anchored by the application of liquid binders, such as acrylic glue, latex, urea formaldehyde, Terra-Tex II, Terra-Tack AKR or other approved equal may be used at rates recommended by the manufacturer to anchor mulch.
 3. Lightweight plastic netting may be stapled over the mulch according to manufacturer's recommendations. Netting is usually available in rolls 4' to 12' wide and 500' to 1000' long.



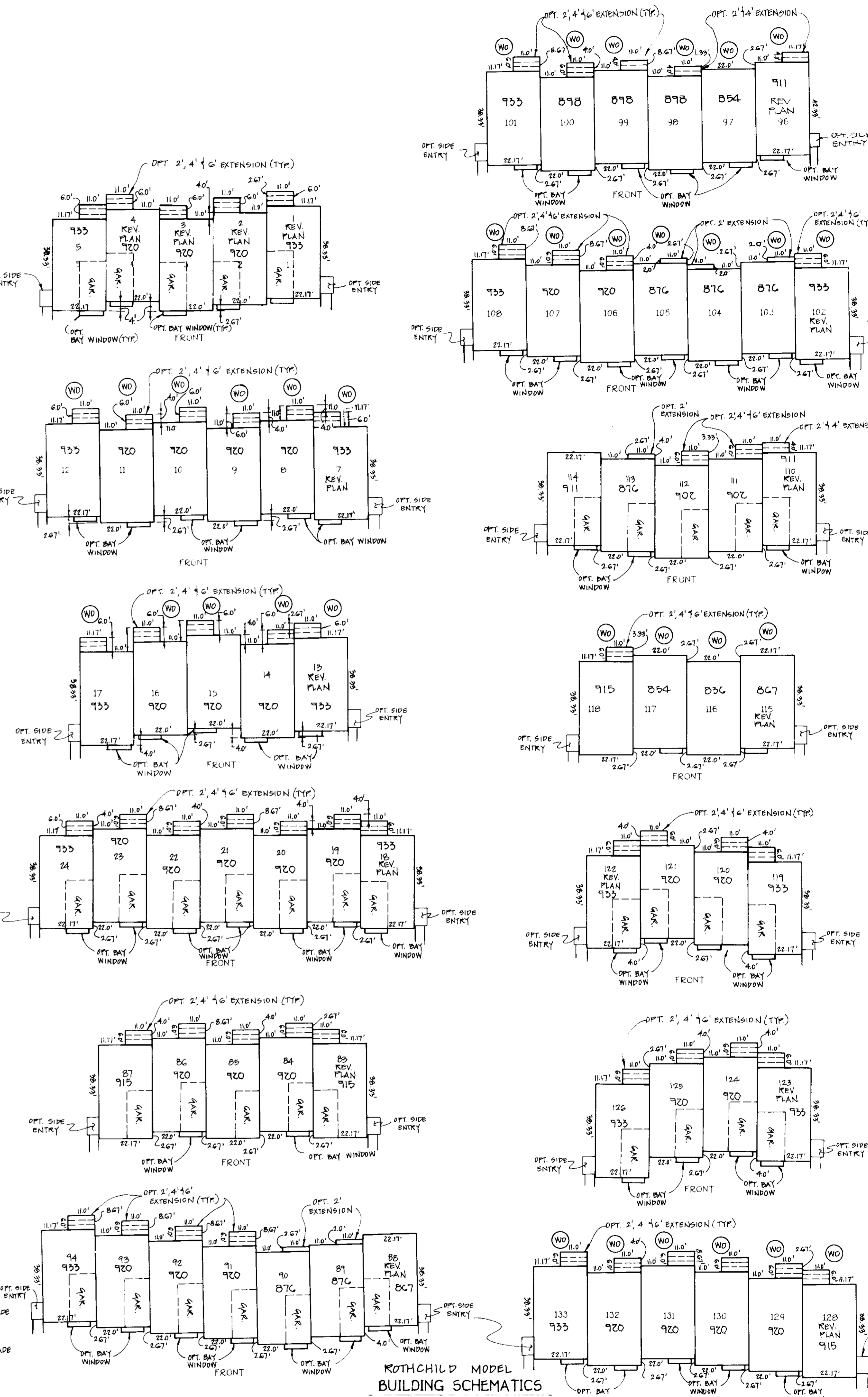
STANDARDS AND SPECIFICATIONS FOR VEGETATIVE STABILIZATION

BUILDER
N.V. HOMES
3200 DEFENSE HIGHWAY
SUITE 301
CROFTON, MD 21114

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, 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 project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.

OWNER / DEVELOPER
WAWERLY WOODS DEVELOPMENT CORPORATION
101 AND DESIGN AND DEVELOPMENT, INC.
101 HICKORY RIDGE ROAD, SUITE 215
"A" HIGHLAND, MARYLAND 21044



WAVERLY WOODS BUILDING SCHEMATICS

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Director: Department of Planning and Zoning
7/22/97
7/22/97
7/27/97

DEVELOPER: WAWERLY WOODS DEVELOPMENT CORPORATION
101 AND DESIGN AND DEVELOPMENT, INC.
101 HICKORY RIDGE ROAD, SUITE 215
"A" HIGHLAND, MARYLAND 21044

OWNER: N.V. HOMES
3200 DEFENSE HIGHWAY
SUITE 301
CROFTON, MD 21114

SECTION 5
LOTS 1-24, 83-108 AND 110-133

TAX MAP NO. 16 PARCEL 21
THIRD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE: _____
SHEET 3 OF 6

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
NATIONAL SQUARE OFFICE FLOOR - 1272 BALTIMORE NATIONAL PIZZA
ELLSWORTH CITY, MARYLAND 21042
410.481.2850

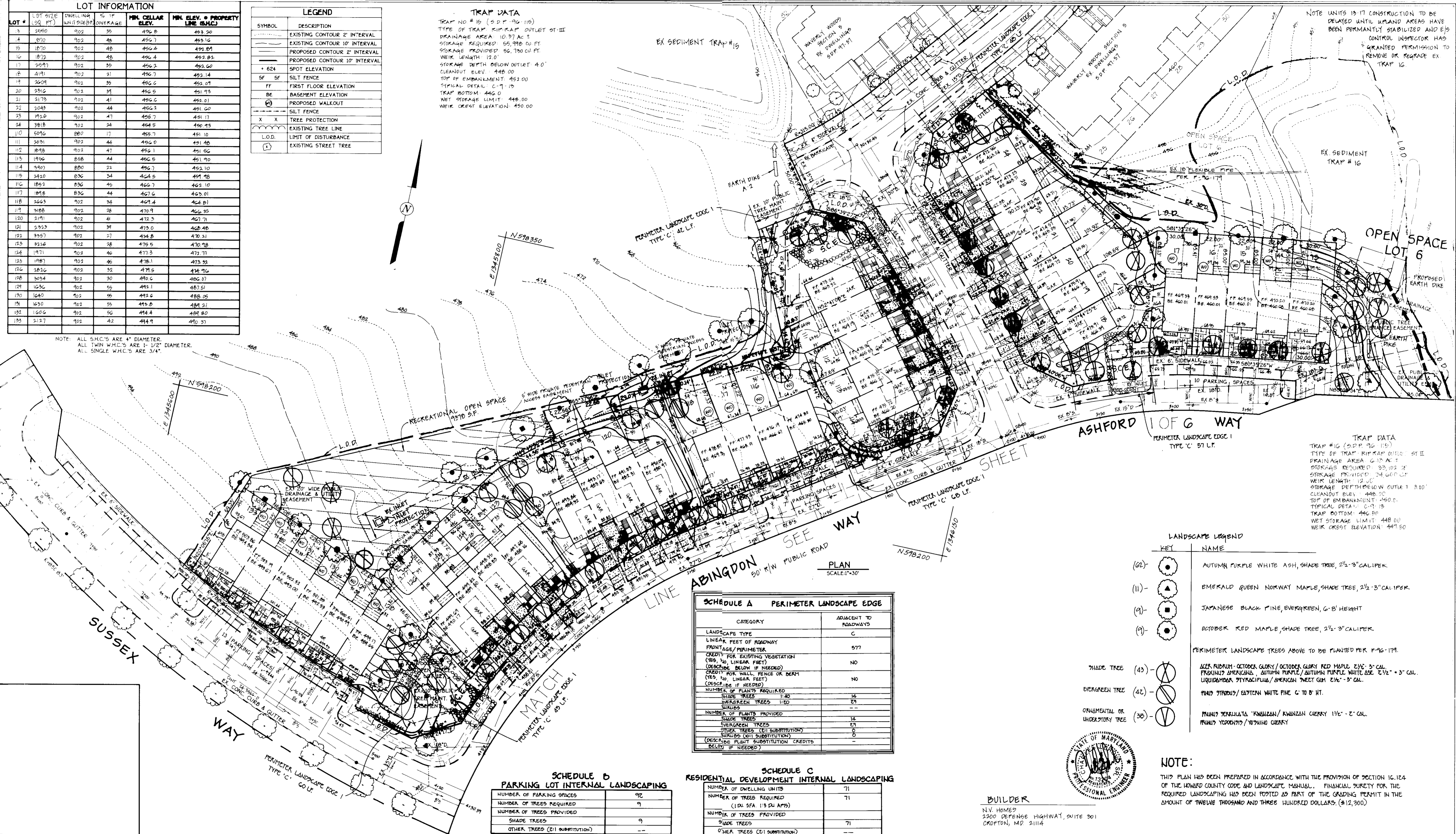
LOT INFORMATION					
LOT #	LOT SIZE (SQ FT)	OVERLAP (SQ FT)	% OF OVERLAP	MIN. CELLAR ELEV.	MIN. ELEV. @ PROPERTY LINE (SH.C)
3	8990	902	39	496.8	499.20
4	8702	902	48	496.2	499.12
15	1870	902	48	496.2	499.84
16	1870	902	48	496.2	499.84
17	3977	902	39	496.2	499.07
18	4191	902	21	496.7	499.14
19	3609	902	39	496.6	499.07
20	2316	902	39	496.8	499.13
21	3179	902	41	496.6	499.07
22	2043	902	44	496.3	499.00
23	1726	902	47	496.7	499.17
24	3018	902	24	496.5	499.93
110	5096	880	17	495.7	499.10
111	3031	902	44	496.0	499.48
112	818	902	47	496.1	499.62
113	1996	898	44	496.5	499.10
114	2907	880	22	496.7	499.10
119	3420	836	34	496.5	499.88
116	1892	836	45	496.7	499.10
117	1818	836	44	496.6	499.01
118	2663	902	34	496.4	499.81
119	3188	902	28	470.9	499.35
120	2191	902	41	472.3	497.71
121	2923	902	39	473.0	498.48
122	3957	902	27	474.8	470.21
123	3126	902	28	479.5	470.98
124	1971	902	46	477.3	472.71
125	1987	902	46	478.1	473.92
126	2826	902	32	478.5	474.96
128	3034	902	30	490.6	496.07
129	1636	902	59	492.1	487.51
130	1640	902	59	492.6	488.05
131	1630	902	59	493.8	489.21
132	1606	902	56	494.4	489.80
133	2127	902	42	494.9	490.57

NOTE: ALL SH.C'S ARE 4" DIAMETER.
ALL TWIN W.H.C'S ARE 1-1/2" DIAMETER.
ALL SINGLE W.H.C'S ARE 3/4".

LEGEND	
SYMBOL	DESCRIPTION
(---)	EXISTING CONTOUR 2' INTERVAL
(---)	EXISTING CONTOUR 10' INTERVAL
(---)	PROPOSED CONTOUR 2' INTERVAL
(---)	PROPOSED CONTOUR 10' INTERVAL
(•)	SPOT ELEVATION
Sf Sf	SILT FENCE
FF	FIRST FLOOR ELEVATION
BE	BASEMENT ELEVATION
(X)	PROPOSED WALKOUT
(---)	SILT FENCE
(X)	TREE PROTECTION
(---)	EXISTING TREE LINE
(---)	L.O.D. LIMIT OF DISTURBANCE
(---)	EXISTING STREET TREE

TRAP DATA
TRAP NO. # 15 (S.D.P. 96-115)
TYPE OF TRAP: RIFKAP OUTLET ST-III
DRAINAGE AREA: 10.37 AC ±
STORAGE REQUIRED: 55,990 CU FT
STORAGE PROVIDED: 56,790 CU FT
WEIR LENGTH: 12.0'
STORAGE DEPTH BELOW OUTLET: 4.0'
CLEANOUT ELEV.: 448.00
TOP OF EMBANKMENT: 453.00
TYPICAL DETAIL: C-9-10
TRAP BOTTOM: 446.00
NET STORAGE LIMIT: 448.00
WEIR CREST ELEVATION: 490.00

NOTE: UNITS 13-17 CONSTRUCTION TO BE DELAYED UNTIL UPLAND AREAS HAVE BEEN PERMANENTLY STABILIZED AND EROSION CONTROL INSPECTOR HAS GRANTED PERMISSION TO REMOVE OR REGRADE EX. TRAP # 16



SCHEDULE A PERIMETER LANDSCAPE EDGE	
CATEGORY	ADJACENT TO ROADWAYS
LANDSCAPE TYPE	C
LINEAR FEET OF ROADWAY FRONTAGE/PERIMETER	977
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO
CREDIT FOR WALL, FENCE OR BEAM (YES, NO, LINEAR FEET) (DESCRIBE BELOW IF NEEDED)	NO
NUMBER OF PLANTS REQUIRED	
SHADE TREES	16
EVERGREEN TREES	160
SHRUBS	---
NUMBER OF PLANTS PROVIDED	
SHADE TREES	16
EVERGREEN TREES	160
OTHER TREES (E1 SUBSTITUTION)	0
SHRUBS (E1 SUBSTITUTION)	0
OTHER TREES (E1 SUBSTITUTION) (DESCRIBE PLANT SUBSTITUTION CREDITS BELOW IF NEEDED)	---

SCHEDULE B PARKING LOT INTERNAL LANDSCAPING	
NUMBER OF PARKING SPACES	92
NUMBER OF TREES REQUIRED	9
NUMBER OF TREES PROVIDED	9
SHADE TREES	9
OTHER TREES (E1 SUBSTITUTION)	---

SCHEDULE C RESIDENTIAL DEVELOPMENT INTERNAL LANDSCAPING	
NUMBER OF DWELLING UNITS	71
NUMBER OF TREES REQUIRED (1 DU SFA, 1/3 DU AMP)	71
NUMBER OF TREES PROVIDED	71
SHADE TREES	71
OTHER TREES (E1 SUBSTITUTION)	---

LANDSCAPE LEGEND	
(62)	AUTUMN PURPLE WHITE ASH, SHADE TREE, 2 1/2" - 3" CALIPER
(11)	EMERALD QUEEN NORWAY MAPLE, SHADE TREE, 2 1/2" - 3" CALIPER
(9)	JAPANESE BLACK PINE, EVERGREEN, 6'-8' HEIGHT
(9)	OCTOBER RED MAPLE, SHADE TREE, 2 1/2" - 3" CALIPER
(43)	SHADE TREE: ACER RUBRUM - OCTOBER GLORY / OCTOBER GLORY RED MAPLE 2 1/2" - 3" CAL. PROXIMITY AMERICANS - AUTUMN PURPLE / AUTUMN PURPLE WHITE ASH 2 1/2" - 3" CAL. LIQUIDAMBAR STYRACIFLUA / AMERICAN WAXY GUM 2 1/2" - 3" CAL.
(42)	EVERGREEN TREE: PAUL STRONG / EASTON WHITE PINE C TO D HT.
(30)	ORNAMENTAL OR UNDERSTORY TREE: PRUNUS PENNSYLVANICA 'KAWANAZA' / KAWANAZA CHERRY 1 1/2" - 2" CAL. PRUNUS YEDOENSIS / YODHIO CHERRY

NOTE:
THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF TWELVE THOUSAND AND THREE HUNDRED DOLLARS (\$12,300).

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
1000 WASHINGTON SQUARE OFFICE PARK - 10771 BALTIMORE NATIONAL FREE
ELLSWORTH CITY, MARYLAND 21117
(410) 481-1000

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]
Signature of Engineer (Print name below signature) **3/18/97**
Date

DEVELOPER'S CERTIFICATE
I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.
WYNNE FLUCK
Signature of Developer (Print name below signature) **3-18-97**
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.
Howard SCD
Date **3/18/97**

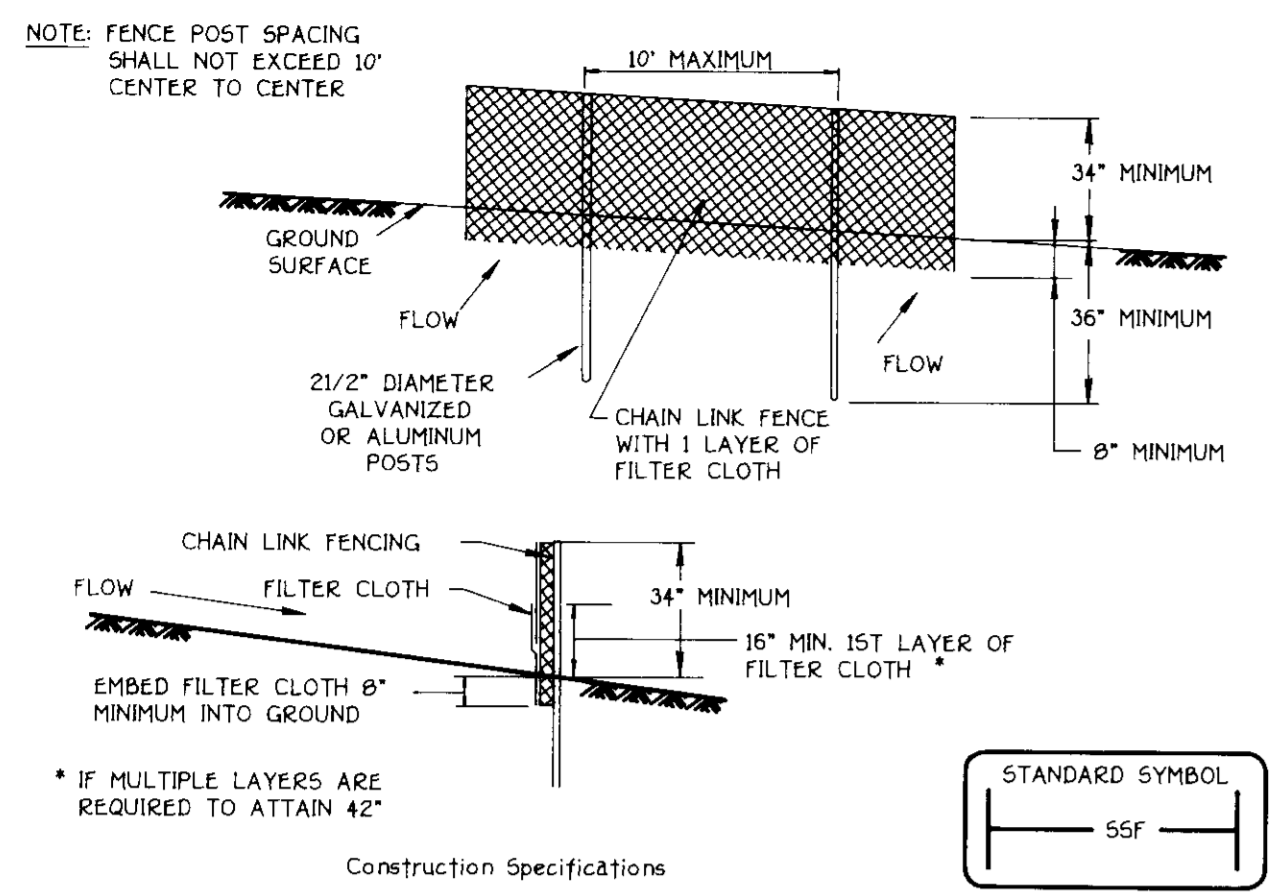
OWNER/DEVELOPER
WAVERLY WOODS DEVELOPMENT CORPORATION
C/O LAND DESIGN AND DEVELOPMENT, INC.
10805 HICKORY RIDGE ROAD, SUITE 215
COLUMBIA, MARYLAND 21044

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Director, Department of Planning and Zoning
[Signature]
Date **7/22/97**
Chief, Development Engineering Division
[Signature]
Date **7/22/97**

SUBDIVISION: G.T.W.'S WAVERLY WOODS SECTION/AREA: 5 LOT NO. 1-24, 89-108 AND 110-133
PLAT NO. 23 BLOCK NO. 23 ZONE R-3C TAX/ZONE 16 ELEC. DIST. THIRD CENSUS TR. 6030
WATER CODE H-05 SEWER CODE 5993000

SITE DEVELOPMENT PLAN LANDSCAPE PLAN
GTW'S WAVERLY WOODS
SECTION 5
LOTS 1-24, 89-108 AND 110-133
TAX MAP NO. PARCEL: 3RD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE:
SHEET 5 OF 6

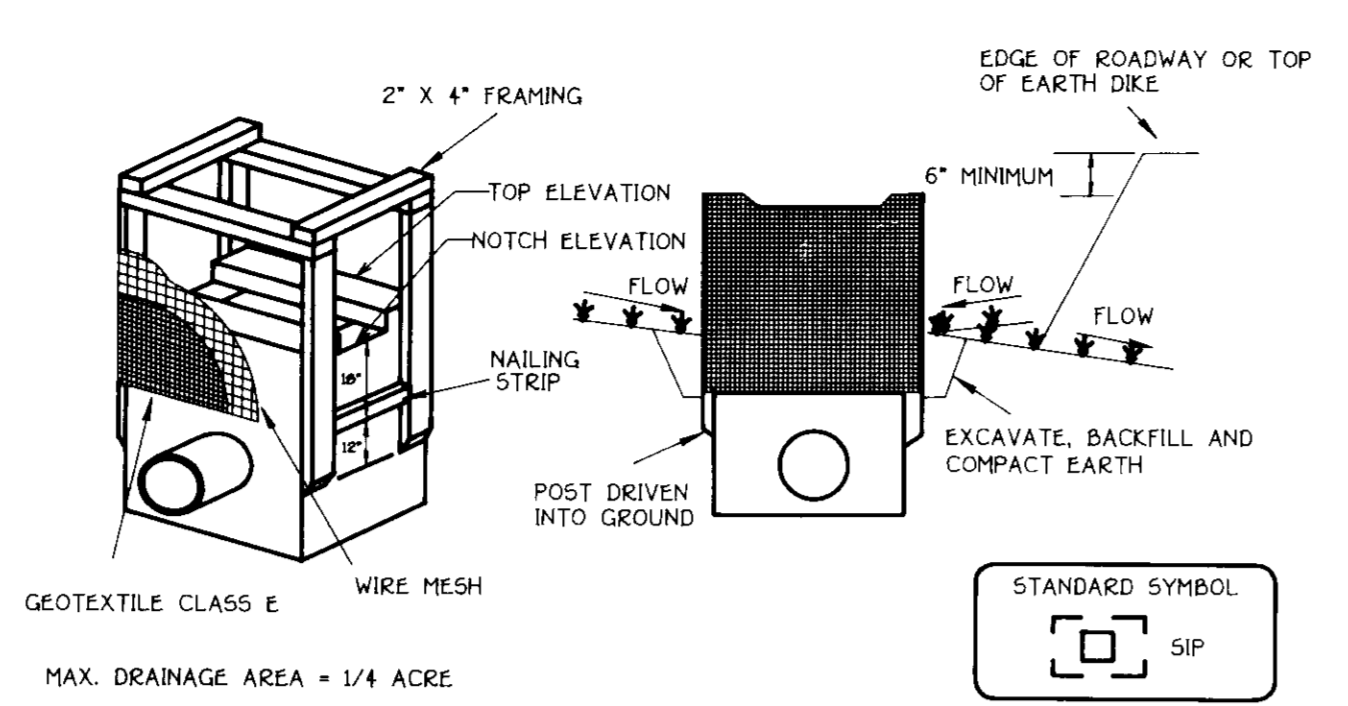
DETAIL 33 - SUPER SILT FENCE



- NOTE: FENCE POST SPACING SHALL NOT EXCEED 10' CENTER TO CENTER
- 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 used, substituting 42" fabric and 6' length posts.
 - Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and truss rods, drive anchors and post caps are not required except on the ends of the fence.
 - 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 8" into the ground.
 - When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded.
 - Maintenance shall be performed as needed and silt buildups 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:

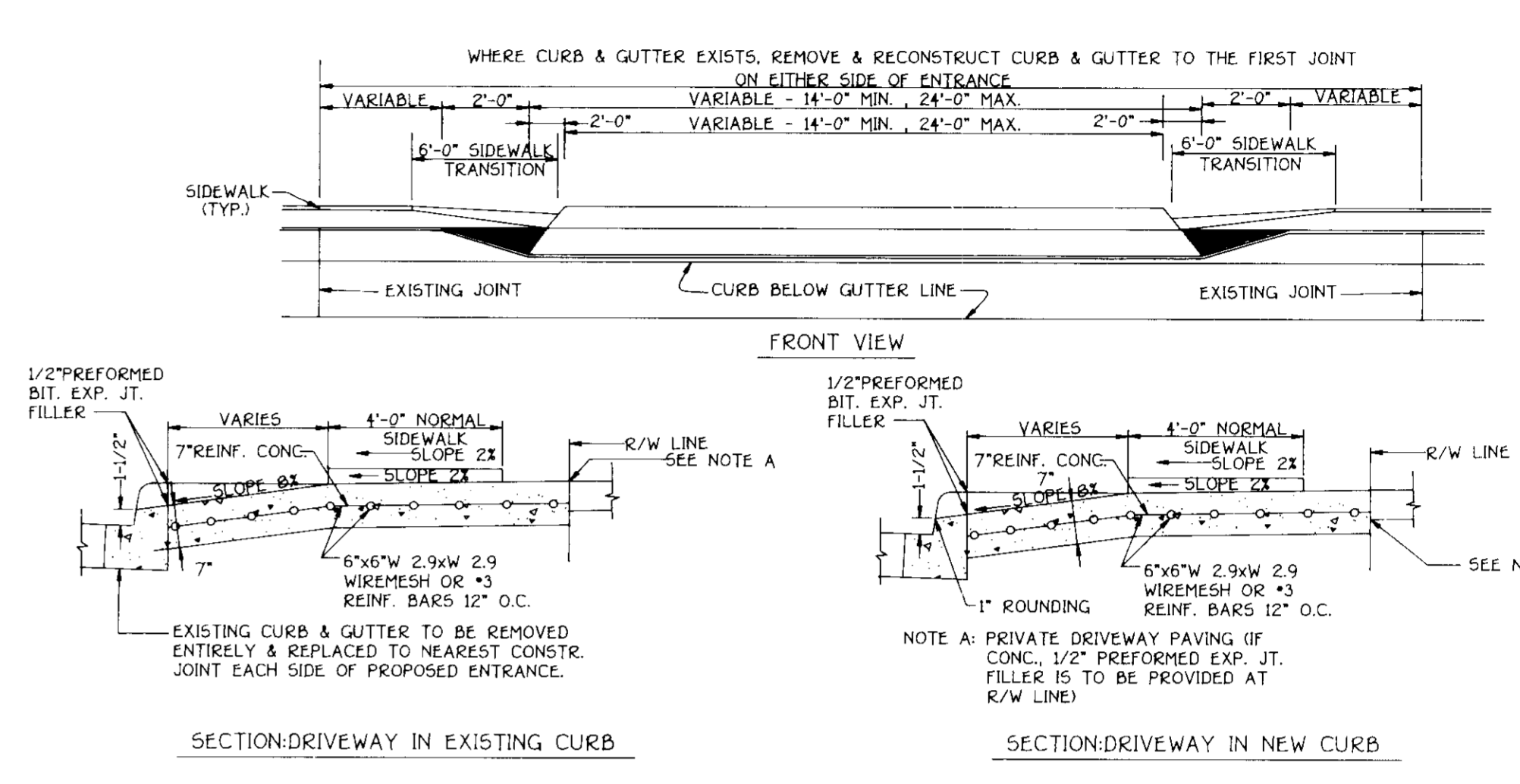
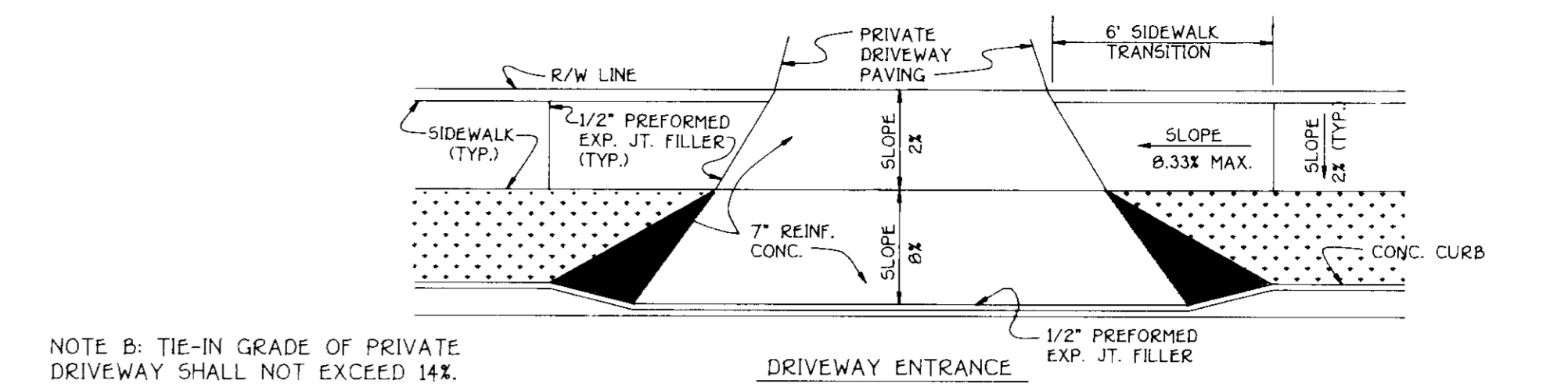
Tensile Strength	50 lbs/in (min)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min)	Test: MSMT 509
Flow Rate	0.3 gal/ft /minute (max)	Test: MSMT 322
Filtering Efficiency	75% (min)	Test: MSMT 322

DETAIL 23A - STANDARD INLET PROTECTION

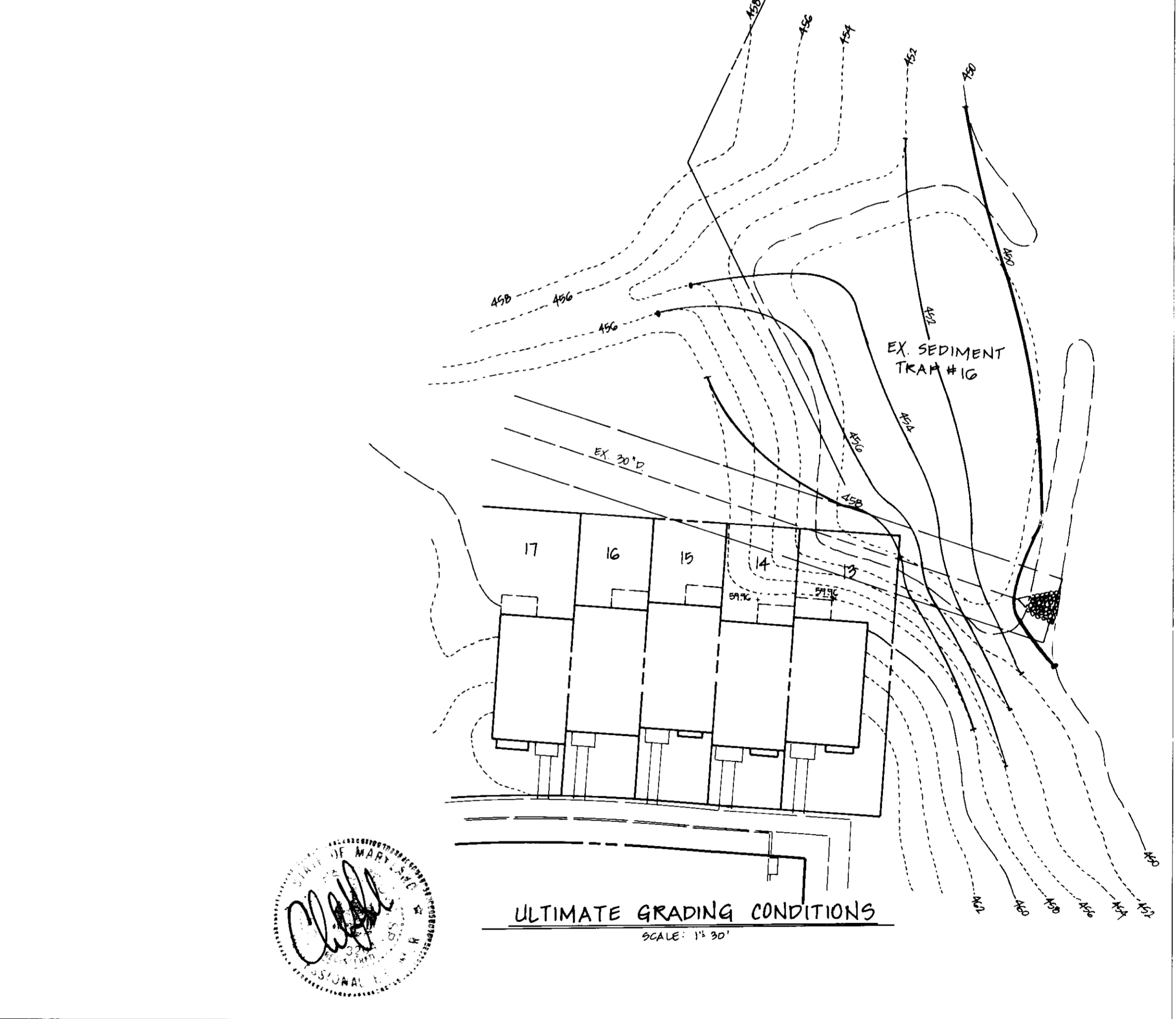


- Construction Specifications
- Excavate completely around the inlet to a depth of 18" below the notch elevation.
 - Drive the 2" x 4" construction grade lumber posts 1' into the ground at each corner of the inlet. Place nail strips between the posts on the ends of the inlet. Assemble the top portion of the 2" x 4" frame using the overlap joint shown on Detail 23A. The top of the frame (weir) must be 6" below adjacent roadways where flooding and safety issues may arise.
 - Stretch the 1/2" x 1/2" wire mesh tightly around the frame and fasten securely. The ends must meet and overlap at a post.
 - Stretch the Geotextile Class E tightly over the wire mesh with the geotextile extending from the top of the frame to 18" below the inlet notch elevation. Fasten the geotextile firmly to the frame. The ends of the geotextile must meet at a post, be overlapped and folded, then fastened down.
 - Backfill around the inlet in compacted 6" layers until the layer of earth is level with the notch elevation on the ends and top elevation on the sides.
 - If the inlet is not in a sump, construct a compacted earth dike across the ditch line directly below it. The top of the earth dike should be at least 6" higher than the top of the frame.
 - The structure must be inspected periodically and after each rain and the geotextile replaced when it becomes clogged.

ADDRESS CHART			
LOT #	STREET ADDRESS	LOT #	STREET ADDRESS
1	10600 ASHFORD WAY	96	2200 SUSSEX WAY
2	10602 ASHFORD WAY	97	2202 SUSSEX WAY
3	10604 ASHFORD WAY	98	2204 SUSSEX WAY
4	10606 ASHFORD WAY	99	2206 SUSSEX WAY
5	10608 ASHFORD WAY	100	2208 SUSSEX WAY
6	10612 ASHFORD WAY	101	2210 SUSSEX WAY
7	10614 ASHFORD WAY	102	2212 SUSSEX WAY
8	10616 ASHFORD WAY	103	2214 SUSSEX WAY
9	10618 ASHFORD WAY	104	2216 SUSSEX WAY
10	10620 ASHFORD WAY	105	2218 SUSSEX WAY
11	10622 ASHFORD WAY	106	2220 SUSSEX WAY
12	10624 ASHFORD WAY	107	2222 SUSSEX WAY
13	10628 ASHFORD WAY	108	2224 SUSSEX WAY
14	10630 ASHFORD WAY	110	10641 SANDOWN WAY
15	10632 ASHFORD WAY	111	10643 SANDOWN WAY
16	10634 ASHFORD WAY	112	10645 SANDOWN WAY
17	10638 SANDOWN WAY	113	10649 SANDOWN WAY
18	10640 SANDOWN WAY	114	10641 SANDOWN WAY
19	10642 SANDOWN WAY	115	10621 ABINGDON WAY
20	10644 SANDOWN WAY	116	10623 ABINGDON WAY
21	10646 SANDOWN WAY	117	10625 ABINGDON WAY
22	10648 SANDOWN WAY	118	10621 ABINGDON WAY
23	10650 SANDOWN WAY	119	10621 ABINGDON WAY
24	10652 SANDOWN WAY	120	10621 ABINGDON WAY
25	10654 SANDOWN WAY	121	10619 ABINGDON WAY
26	10656 SANDOWN WAY	122	10619 ABINGDON WAY
27	10658 SANDOWN WAY	123	10619 ABINGDON WAY
28	10660 SANDOWN WAY	124	10607 ABINGDON WAY
29	10662 SANDOWN WAY	125	10607 ABINGDON WAY
30	10664 SANDOWN WAY	126	10609 ABINGDON WAY
31	10666 SANDOWN WAY	128	2230 SUSSEX WAY
32	10668 SANDOWN WAY	129	2232 SUSSEX WAY
33	10670 SANDOWN WAY	130	2234 SUSSEX WAY
34	10672 SANDOWN WAY	131	2236 SUSSEX WAY
35	10674 SANDOWN WAY	132	2238 SUSSEX WAY
36	10676 SANDOWN WAY	133	2240 SUSSEX WAY



RESIDENTIAL DRIVEWAY ENTRANCE
CLOSED SECTION W/STD. 7" COMB. CURB
AND GUTTER AND SIDEWALK SET BACK FROM CURB
NO SCALE



FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENAL SQUARE OFFICE PARK - 10775 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21242
410.461.2055

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 (Print name below signature) Chella Date 3/18/97

DEVELOPER'S CERTIFICATE
I/We certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.
Signature of Developer (Print name below signature) WAYNE FLACK Date 3-18-97

BUILDER
N.V. HOMES
2200 DEFENSE HIGHWAY SUITE 301
ODDTON, MD 21114

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.
Howard SCD

OWNER/DEVELOPER
WAVERLY WOODS DEVELOPMENT CORPORATION
C/O LAND DESIGN AND DEVELOPMENT, INC.
10805 HICKORY RIDGE ROAD, SUITE 215
COLUMBIA, MARYLAND 21044

APPROVED: DEPARTMENT OF PLANNING AND ZONING
Director - Department of Planning and Zoning
Chief, Development Engineering Division

7/22/97
7/22/97
7/17/97

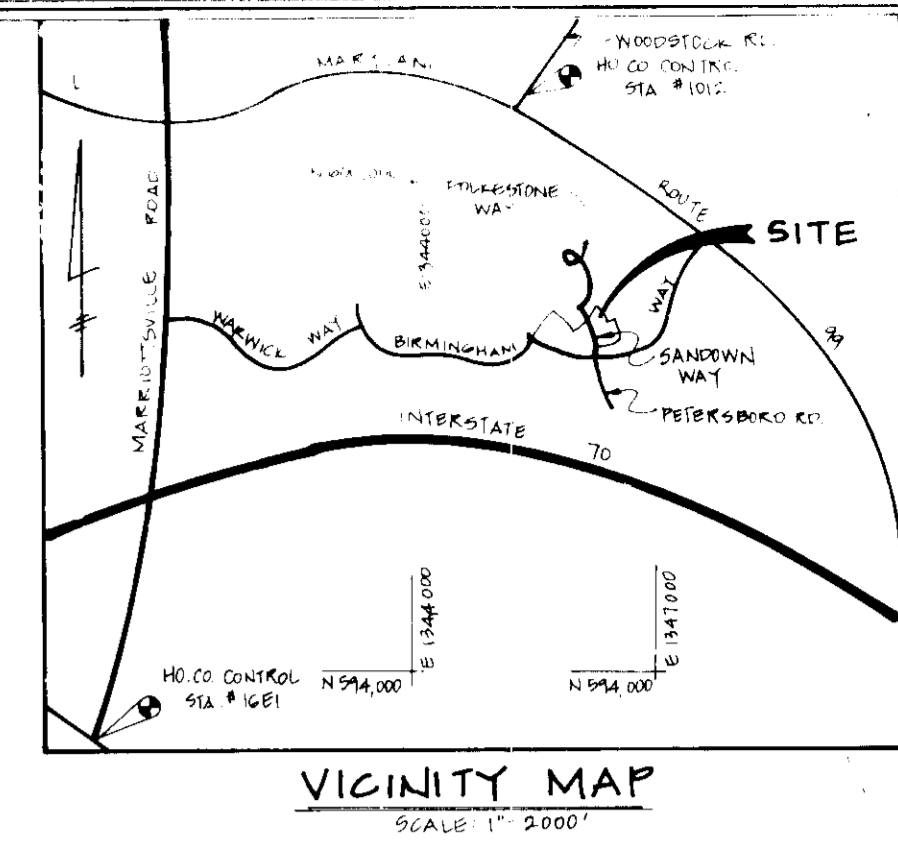
SUBDIVISION: G.T.W.'S WAVERLY WOODS SECTION/AREA: 5 LOT NO. 1-24, 83-108 AND 110-133
PLAT NO. BLOCK NO. ZONE TAX/ZONE ELEC. DIST. CENSUS TR.
23 R.S.C. THIRD 6830
WATER CODE H-05 SEWER CODE 5993000

DETAIL SHEET
WAVERLY WOODS SECTION 5
LOTS 1-24, 83-108 AND 110-133
TAX MAP No: PARCEL:
3RD ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
SCALE: AS SHOWN DATE:
SHEET 4 OF 6

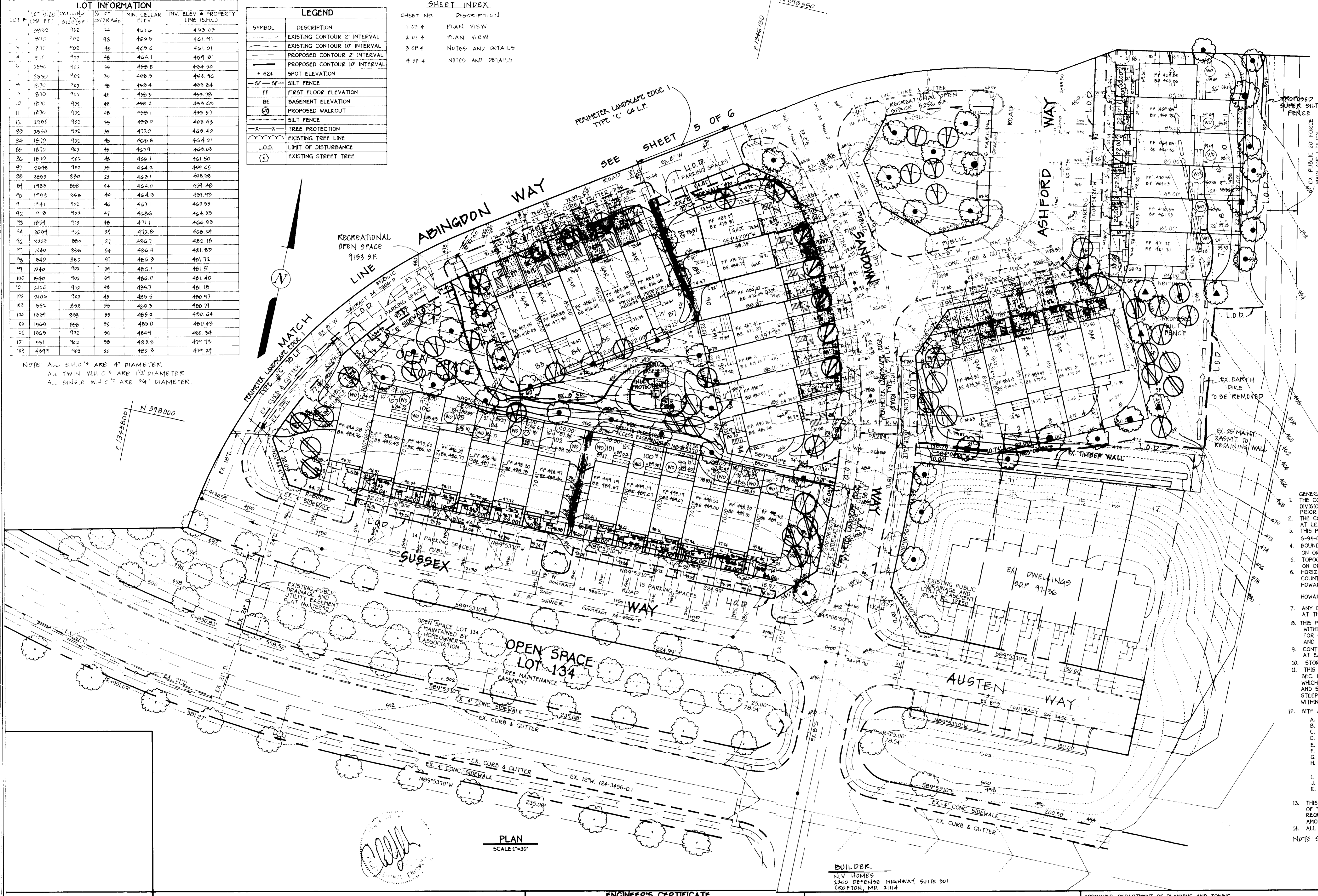
LOT #	AREA (SQ. FT.)	MIN. CELLAR ELEV.	PROPERTY ELEV. (5% H.C.)
1	3052	462	463.03
2	1870	462	463.91
3	1871	462	464.01
4	1871	462	464.01
5	2590	461	464.20
6	2590	461	464.20
7	1870	462	463.84
8	1870	462	463.78
9	1870	462	463.69
10	1870	462	463.61
11	2590	461	463.43
12	2590	461	463.43
13	1870	462	463.8
14	1870	462	463.7
15	1870	462	463.50
16	1870	462	463.42
17	2590	461	463.25
18	2590	461	463.25
19	1870	462	463.7
20	1870	462	463.6
21	1870	462	463.5
22	1870	462	463.4
23	1870	462	463.3
24	1870	462	463.2
25	1870	462	463.1
26	1870	462	463.0
27	1870	462	462.9
28	1870	462	462.8
29	1870	462	462.7
30	1870	462	462.6
31	1870	462	462.5
32	1870	462	462.4
33	1870	462	462.3
34	1870	462	462.2
35	1870	462	462.1
36	1870	462	462.0
37	1870	462	461.9
38	1870	462	461.8
39	1870	462	461.7
40	1870	462	461.6
41	1870	462	461.5
42	1870	462	461.4
43	1870	462	461.3
44	1870	462	461.2
45	1870	462	461.1
46	1870	462	461.0
47	1870	462	460.9
48	1870	462	460.8
49	1870	462	460.7
50	1870	462	460.6
51	1870	462	460.5
52	1870	462	460.4
53	1870	462	460.3
54	1870	462	460.2
55	1870	462	460.1
56	1870	462	460.0
57	1870	462	459.9
58	1870	462	459.8
59	1870	462	459.7
60	1870	462	459.6
61	1870	462	459.5
62	1870	462	459.4
63	1870	462	459.3
64	1870	462	459.2
65	1870	462	459.1
66	1870	462	459.0
67	1870	462	458.9
68	1870	462	458.8
69	1870	462	458.7
70	1870	462	458.6
71	1870	462	458.5
72	1870	462	458.4
73	1870	462	458.3
74	1870	462	458.2
75	1870	462	458.1
76	1870	462	458.0
77	1870	462	457.9
78	1870	462	457.8
79	1870	462	457.7
80	1870	462	457.6
81	1870	462	457.5
82	1870	462	457.4
83	1870	462	457.3
84	1870	462	457.2
85	1870	462	457.1
86	1870	462	457.0
87	1870	462	456.9
88	1870	462	456.8
89	1870	462	456.7
90	1870	462	456.6
91	1870	462	456.5
92	1870	462	456.4
93	1870	462	456.3
94	1870	462	456.2
95	1870	462	456.1
96	1870	462	456.0
97	1870	462	455.9
98	1870	462	455.8
99	1870	462	455.7
100	1870	462	455.6
101	1870	462	455.5
102	1870	462	455.4
103	1870	462	455.3
104	1870	462	455.2
105	1870	462	455.1
106	1870	462	455.0
107	1870	462	454.9
108	1870	462	454.8

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	EXISTING CONTOUR 10' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 10' INTERVAL
•	SPOT ELEVATION
SF	SILT FENCE
FF	FIRST FLOOR ELEVATION
BE	BASEMENT ELEVATION
W	PROPOSED WALKOUT
---	SILT FENCE
X	TREE PROTECTION
---	EXISTING TREE LINE
L.O.D.	LIMIT OF DISTURBANCE
⊙	EXISTING STREET TREE

SHEET NO.	DESCRIPTION
1 OF 4	PLAN VIEW
2 OF 4	PLAN VIEW
3 OF 4	NOTES AND DETAILS
4 OF 4	NOTES AND DETAILS



NOTE ALL S.H.C.'S ARE 4" DIAMETER
 ALL TWIN W.H.C.'S ARE 12" DIAMETER
 ALL SINGLE W.H.C.'S ARE 3/4" DIAMETER



- GENERAL NOTES:
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 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: S-94-07, P-95-07, F-96-179.
 - BOUNDARY SURVEY PERFORMED BY FISHER COLLINS AND CARTER INC. ON OR ABOUT APRIL, 1996.
 - TOPOGRAPHY SHOWN HEREON IS FROM AERIAL MAPS FLOWN ON OR ABOUT 2-12-89 BY PHOTO SCIENCE ON A 2" INTERVAL.
 - HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON HOWARD COUNTY GEODETIC CONTROL STATIONS:
 HOWARD COUNTY MONUMENT 1012 N 601060.177 ELEV. = 445.577
 E 1345336.7980
 HOWARD COUNTY MONUMENT 1061 N 593250.9322 ELEV. = 509.924
 E 1340192.710
 - ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
 - THIS PLAN IS FOR HOUSE SITING AND LOT GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHT-OF-WAYS OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION. FOR CONSTRUCTION, SEE APPROVED ROAD CONSTRUCTION PLANS F-96-179 AND / OR APPROVED WATER AND SEWER PLANS CONTRACT NO. 24-3556-D.
 - CONTRACTOR WILL CHECK SEWER HOUSE CONNECTION ELEVATIONS AT EASEMENT LINE PRIOR TO CONSTRUCTION.
 - STORMWATER MANAGEMENT OBLIGATIONS ARE FULFILLED UNDER F-96-179.
 - THIS PLAN IS SUBJECT TO WAIVER PETITION NO. WP-95-23 FROM SEC. 16.116(A) AND SEC. 16.116.2 OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, WHICH RESTRICTS GRADING AND REMOVAL OF VEGETATIVE COVER FROM WETLANDS AND STREAM BUFFER AND FROM SEC. 16.116.B, WHICH RESTRICTS GRADING OF STEEP SLOPES OF 25% OR GREATER AND SEC. 16.115A, WHICH RESTRICTS DEVELOPMENT WITHIN 100 YEAR FLOODPLAIN.
 - SITE ANALYSIS DATA:
 A. TOTAL PROJECT AREA: 5.56 AC.
 B. AREA OF PLAN SUBMISSION: 5.56 AC.
 C. LIMIT OF DISTURBED AREA: 5.56 AC.
 D. PRESENT ZONING: R-5
 E. PROPOSED USE FOR SITE AND STRUCTURES: SINGLE FAMILY ATTACHED DW.
 F. TOTAL NUMBER OF UNITS ALLOWED: 71
 G. TOTAL NUMBER OF UNITS PROPOSED: 71
 H. NUMBER OF PARKING SPACES REQUIRED: 142
 I. 12 SPACES PER DWELLING UNIT
 J. NUMBER OF PARKING SPACES PROVIDED: 234
 K. OPEN SPACE REQUIREMENTS ARE PROVIDED: 23787 S.F. (REQ. 17750 S.F.)
 RECREATIONAL OPEN SPACE REQUIREMENTS ARE PROVIDED: 23787 S.F. (REQ. 17750 S.F.)
 - THIS PLAN HAS BEEN IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING HAS BEEN POSTED AS PART OF THE GRADING PERMIT IN THE AMOUNT OF ELEVEN THOUSAND TWO HUNDRED DOLLARS (\$11,200).
 - ALL DWELLING UNITS ARE WALKOUT CONDITIONS UNLESS NOTED OTHERWISE.
- NOTE: SEE SHEET 5 OF 6 FOR LANDSCAPE LEGEND.

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10722 BALTIMORE NATIONAL PIKE
 ELLETTT CITY, MARYLAND 21114
 (410) 461-2055

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 (Print name below signature) *W. J. Fisher* Date 3/18/97

DEVELOPER'S CERTIFICATE
 I/we certify that all development and construction will be done according to this plan, and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District.
 Signature of Developer (Print name below signature) *Wayne Mast* Date 3-18-97

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.
 Howard SCD Date 3/18/97

OWNER/DEVELOPER
 WAKELY WOODS DEVELOPMENT CORPORATION
 C/O LAND DESIGN AND DEVELOPMENT, INC.
 10805 HICKORY RIDGE ROAD, SUITE 215
 COLUMBIA, MARYLAND 21044

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 Director, Department of Planning and Zoning
 Chief, Development Engineering Division
 Date 7/22/97
 Date 7/23/97
 Date 7/17/97

SUBDIVISION	GTW'S WAVERLY WOODS	SECTION/AREA	5	LOT NO. 1-24, 83-108 AND 110-133					
PLAT NO.	29	BLOCK NO.	K-3-C	TAX ZONE	1G	ELEC. DIST.	THIRD	CENSUS TR.	
WATER CODE	H-05	SEWER CODE	5993000						

SITE DEVELOPMENT PLAN
LANDSCAPE PLAN
 GTW'S WAVERLY WOODS
 SECTION 5
 LOTS 1-24, 83-108 AND 110-133
 TAX MAP No. 16 PARCEL 21
 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 SCALE: AS SHOWN DATE
 SHEET 6 OF 6