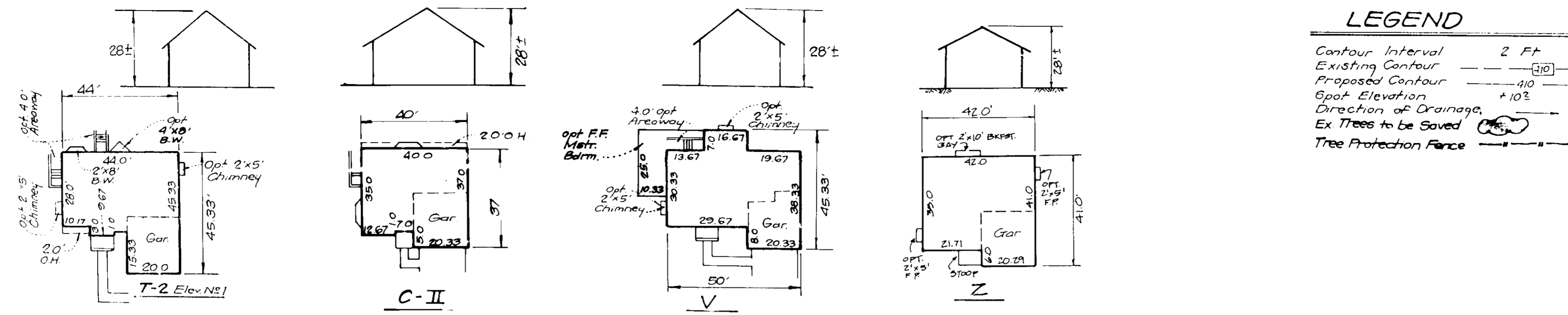


ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
1	10100 Winterbrook Lane
2	10104
3	10108
4	10120
5	10124
6	10128
7	10132
8	10140
9	10144
10	10148
11	10152
12	10156
13	10160
14	10164
15	10168
16	10172
17	10155
18	10151
19	10100 Quiet Water Way
20	10104
21	10108
22	10112
23	10116
24	10120
25	10117
26	10113
27	10109
28	10105
29	10143 Winterbrook Way
30	10139
31	10131
32	10127
33	10123
34	10101



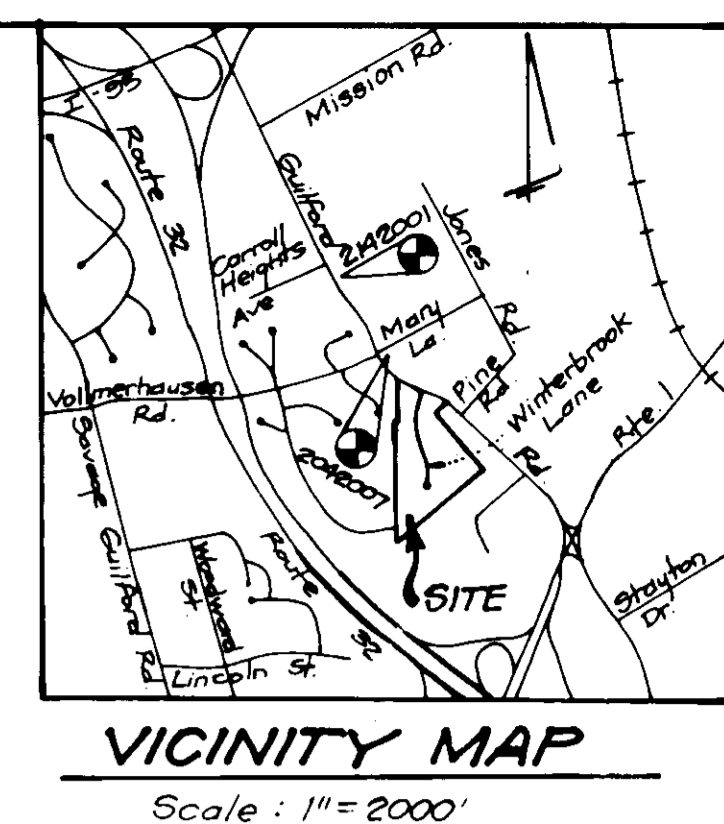
LEGEND

Contour Interval 2 FT
 Existing Contour - - - - -
 Proposed Contour - - - - -
 Spot Elevation 410
 Direction of Drainage →
 Ex Trees to be Saved (Symbol)
 Tree Protection Fence (Symbol)

BENCHMARKS

Pt. 2142001 - 3/4" Rebar .2' below surface
 SE side of Md Rte 792, 200' from Carroll Heights Ave, 15.9' off centerline of Rd

Pt. 2042007 - 3/4" Rebar .2' below surface
 SE corner of intersection of Md Rte 792 and Mary Lane; 7.35' Due East-Cross cut in F.H.

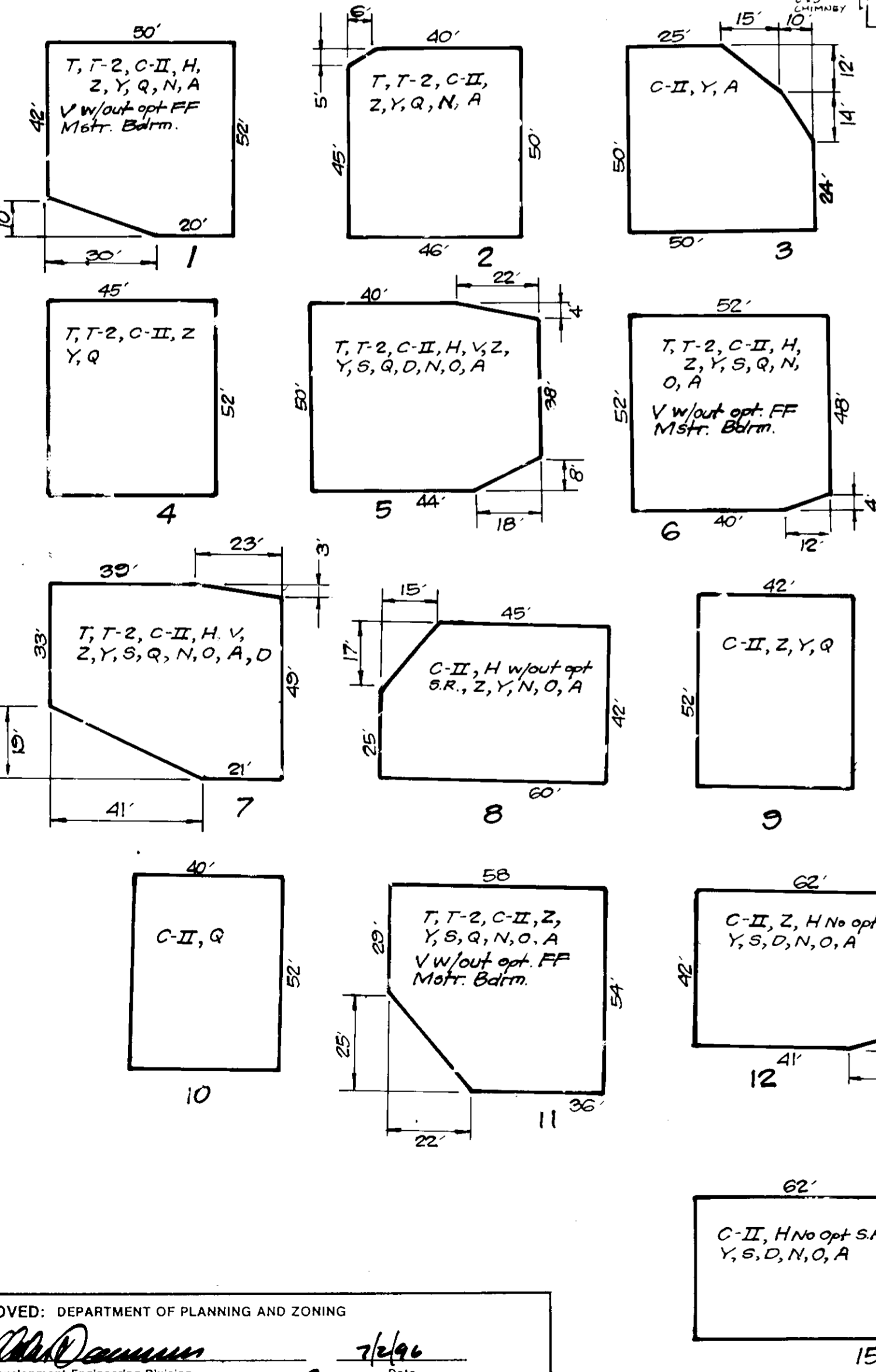


SPECIAL NOTES:

This plan is for house siting and lot grading only. Improvements shown within the rights-of-way on this S.D.P. are not to be used for construction. For construction, see approved Road Construction Plans F-95-15 and/or approved Water and Sewer Plans Contract # 24-1951-D.

GENERAL NOTES:

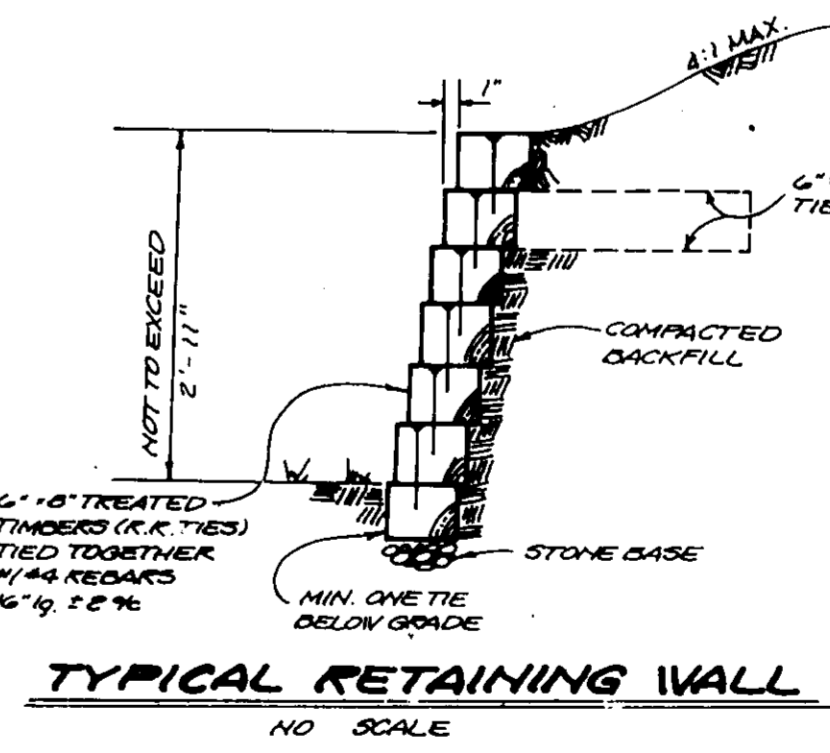
- Subject property is zoned: R-12 per 10-18-93 Comprehensive Zoning Plan.
- The total area included in this submission is 316,791.6 sq ft or 7.273 Acres.
- The total number of lots included in this submission is: 34.
- Improvement to property: Single Family Detached Units. Department of Planning and Zoning Reference File No's: ZB 824 & 804; VP 86-76; SB-27; BA 256-D; SB-41; WP 88-33; F-85-46; F-80-13; WP-92-60; WP-92-118; F-95-15 W&S Cont'd 24-1951-D.
- Utilities shown as existing are taken from approved Water and Sewer plans Contract # 24-1951-D and approved Road Construction Plans F-95-15, and actual field survey.
- Any damage to county owned rights-of-way shall be corrected at the developer's expense.
- All roadways are public and existing.
- The existing topography was taken from Road Construction plans F-95-15 prepared by L and D Design Engineering, Inc.
- The contours shown hereon are based upon the Howard County Geodetic Control which is based upon the Maryland State Plane Coordinate System - Howard County Monument Nos. 249001 and 2042007.
- The contractor shall notify the Department of Public Works/Division of Construction Inspection at (410) 313-1880 at least twenty-four (24) hours 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.
- For driveway entrance details, refer to Ho. Co. Design manual Volume IV details: R-6 01, R-6 03 and R-6 05.
- In accordance with Section 12B A.1 b and c, bay windows or chimneys not more than 10 feet in width may project not more than 4 feet into any setbacks; porches and decks may project not more than 10 feet into the front or rear setbacks.
- Stormwater Management is provided per F-95-15 Stormwater Quantity Management 18 by Detention Water Quality 15 by Extended Detention.
- No clearing, grading or construction is permitted within Wetlands and Stream Buffers or Forest Conservation Easement, except in accordance with WP-92-118.
- WP-92-118 request to waive sections 16.116(a)(1) to permit grading and clearing within the 25 foot wetland buffers and in wetlands on lots 3, 7, 30, 31, 33 and 34; Section 16.116(a)(2) to permit clearing and grading within 75 feet of a perennial stream in a residential zoning district (R-12) on Lots 8, 9 and 10; Section 16.116(a)(3) to permit a wetland on Lot 34 and to permit a 25' Wetland Buffer on Lot 34 without a minimum of 25' feet between the protected buffer and the rear of the unit; and Section 16.116(a)(4) to reauthorize the project of the Preliminary Plan Stage approved on 6/15/93 subject to conditions.
- * Denotes basement elevations sited below the groundwater elevation.
- Permit number/Tracking number of State Permit: 401 Permit number: 93-WR-0378 Exp. Date 8-19-97 404 Permit number: 93-3807-3 Exp. Date 1-21-97
- Owner & Builder are responsible for cleaning the receiving Stormwater Management Pond (Per F-95-15) of any sediment attributed to disturbances.



Lot No	Gross Area	Paved Area	Remaining Area	100 Yr. Floodplain	25% Slopes	Min' of Size
15	10,103.9	1,611.8	8,492.1			8,492.1
23	10,275.2	209.8	10,065.4			10,065.4
24	9,757.6	571.65	9,185.9			9,185.9
25	15,593.6	828.9	14,764.7			14,764.7
26	11,065.4	477.5	10,587.9			10,587.9
31	12,055.7	3,179.38	8,876.3			8,876.3

LOT	Inv @ Property Line
1	200.05
2	199.70
3	193.58
4	190.97
5	189.30
6	188.48
7	187.67
8	184.88
9	183.85
10	182.60
11	181.66
12	180.97
13	180.28
14	179.02 *
15	177.26 *
16	179.36 *
17	181.19 *
18	182.05
19	184.56
20	186.41
21	191.58
22	192.36 *
23	193.91 *
24	199.61 *
25	201.22 *
26	199.56 *
27	194.91 *
28	188.82
29	184.23
30	186.01
31	187.37
32	188.04
33	188.94
34	189.70

* Inv. at edge of easement



DESCRIPTION	SHEET NO
Site Development Plans	1, 2, 3 of 6
Sediment and Erosion Control Plans	4, 5, 6 of 6

SUBDIVISION NAME	SECTION/AREA	LOTS/PARCELS
WINTERBROOK	N/A	1 thru 34
PLAT NO: 11697-1701	BLOCK NO: 6	ZONE: R-12
TAX MAP NO: 67	ELECTION DIST: 6TH	CENSUS TRACT: 6039.01
WATER CODE: C 01	SEWER CODE: 4250000	

APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief, Development Engineering Division 7/1/96 Date

Chief, Division of Land Development and Research 7/3/96 Date

Director 7/15/96 Date

John Schmitt

OWNER

WINTERBROOK LIMITED PARTNERSHIP
 8835 Columbia 100 Pkwy, Unit P
 Columbia, Md. 21045

CLARK • FINEROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS

7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 • BALTO. • (301) 621-8100 • WASH.

SITE DEVELOPMENT PLAN
 LOTS 1 thru 34

WINTERBROOK

6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

For: PATRIOT HOMES
 P.O. Box 1018
 Columbia, Md. 21044

SCALE: 1" = 30'

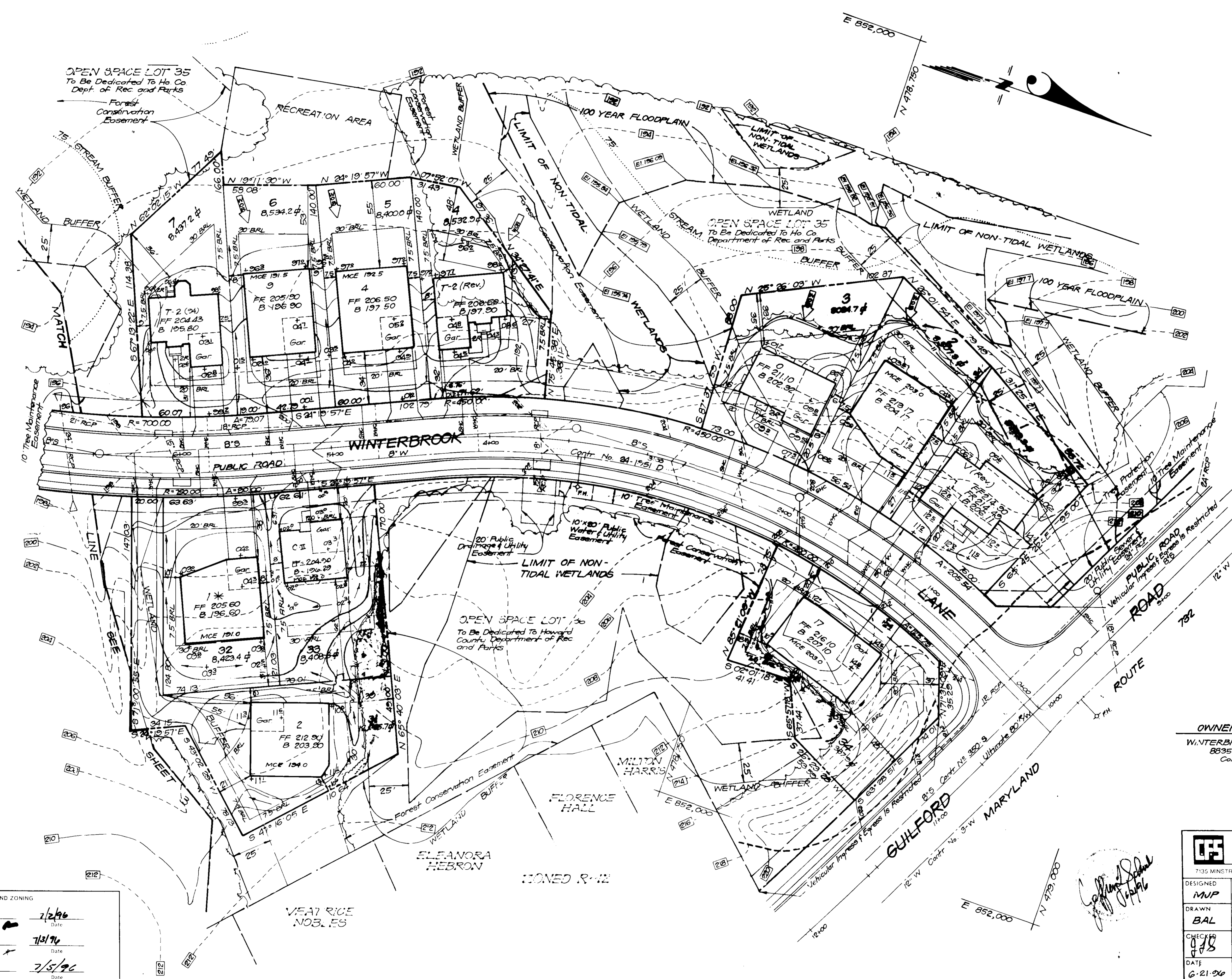
DRAWING: 1 OF 6

JOB NO: 96-042

FILE NO: 96-042X

DATE: 6-21-96

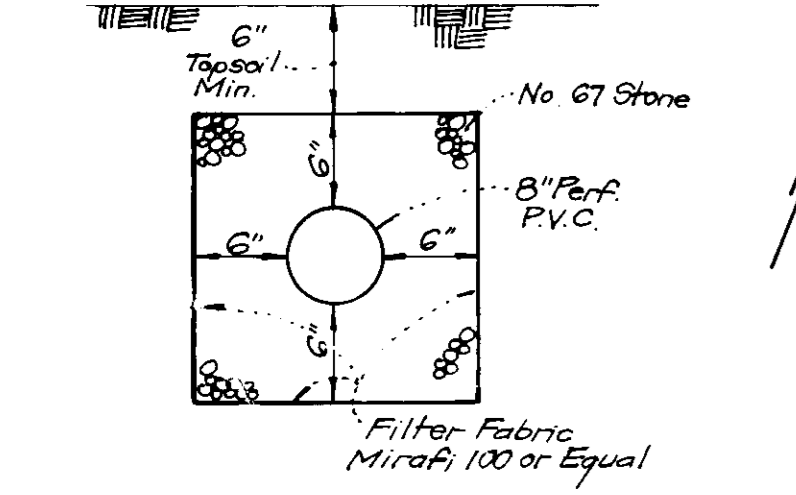
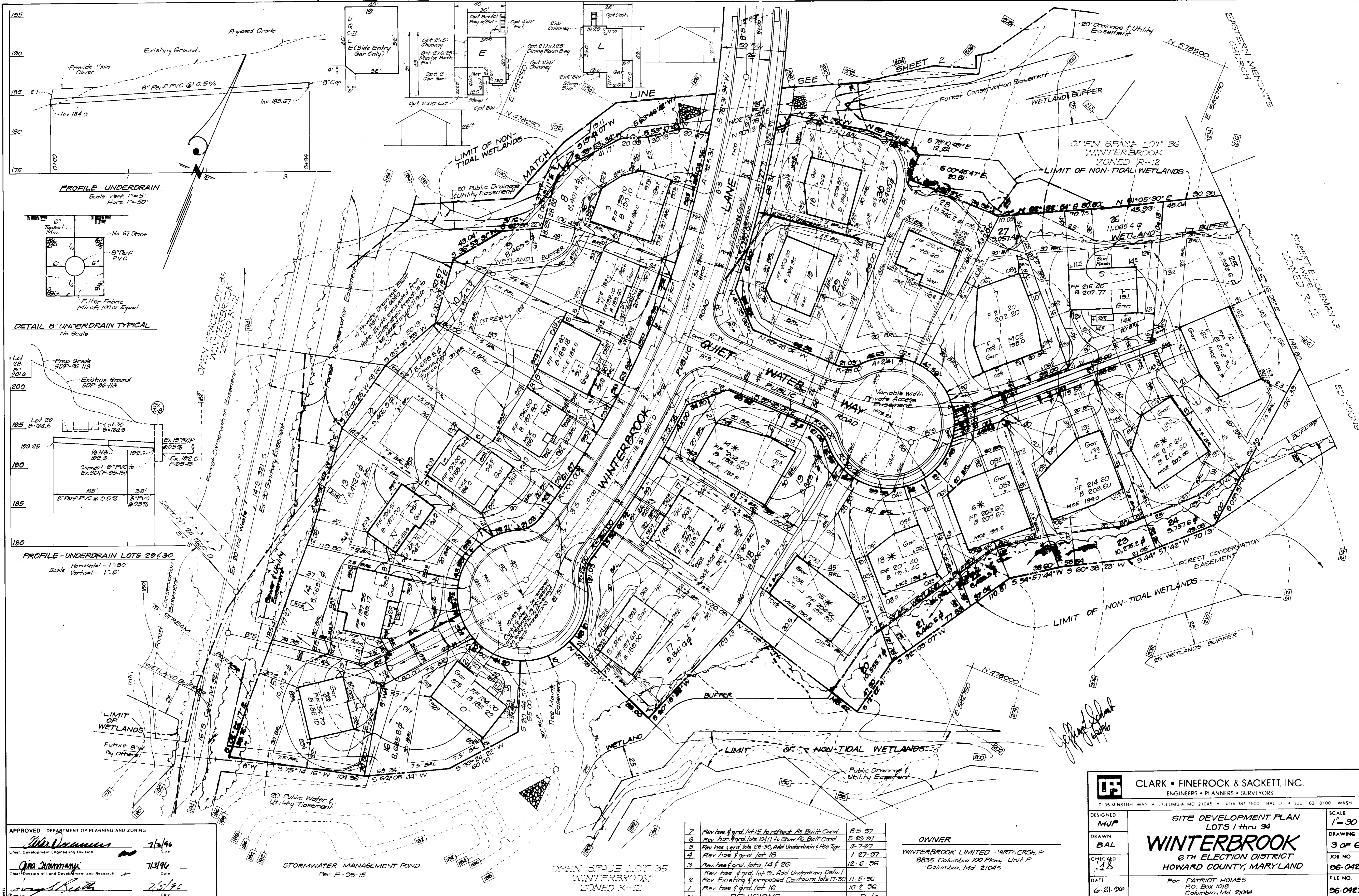
No	REVISIONS	DATE
1	Rev. hse. & grd. lot 1 from 5 box to V (Rev)	6-11-96
2	Rev. hse. & grd. lot 7 from 4 box to Bannecker	9-10-96
3	Rev. hse. & grd. lot 4	11-5-96
4	Rev. hse. & grd. lots 3&4 to show As-Built Conditions	5-30-97
5	Rev. hse. & grd. lot 1 to show As-Built Cond.	11-7-97



OWNER
 WINTERBROOK LIMITED PARTNERSHIP
 8835 Columbia 100 Pkwy. Unit P
 Columbia, Md. 21045

APPROVED: DEPARTMENT OF PLANNING AND ZONING
 [Signature] 7/2/96
 Chief, Development Engineering Division
 [Signature] 7/31/96
 Chief, Division of Land Development and Research
 [Signature] 7/5/96
 Director

	CLARK • FINEROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • 410 381-7500 - BALTO • 301 601-8100 - WASH	
	DESIGNED MJP	SCALE 1" = 30'
DRAWN BAL	DRAWING 2 OF 6	
CHECKED [Signature]	JOB NO. 96-042	
DATE 6-21-96	FILE NO. 96-042X	
SITE DEVELOPMENT PLAN LOTS 1 thru 34 WINTERBROOK 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND For: PATRIOT HOMES P.O. Box 1018 Columbia, Md. 21044		



APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 7/1/14 Date
 Chief, Development Engineering Division

[Signature] 7/31/14 Date
 Chief, Division of Land Development and Research

[Signature] 7/5/14 Date
 Director

STORMWATER MANAGEMENT POND
 Per F-95-15

OPEN SPACE LOT 35
 WINTERBROOK
 ZONED R-12

No.	REVISIONS	Date
7	Rev. hse. & grad. lot 15 to reflect As-Built Cond.	8.5.97
6	Rev. hse. & grad. lots 10, 11 to show As-Built Cond.	8.23.97
5	Rev. hse. & grad. lots 28, 30, Add Underdrain & Hse. Tip.	3-7-97
4	Rev. hse. & grad. lot 18	1-27-97
3	Rev. hse. & grad. lots 14 & 26	12-6-96
2	Rev. hse. & grad. lot 0, Add Underdrain Detail	11-5-96
1	Rev. Existing & proposed Contours lots 17, 30	10-2-96
	Rev. hse. & grad. lot 16	

OWNER
 WINTERBROOK LIMITED PARTNERSHIP
 8835 Columbia 100 Plaza Unit P
 Columbia, Md 21045

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 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINTREL WAY • COLUMBIA MD 21045 • (410) 381-7500 • BALTO. • (301) 621-8100 • WASH.

DESIGNED: MUP
 DRAWN: BAL
 CHECKED: JLB
 DATE: 6-21-20

SCALE: 1" = 30'
 DRAWING: 3 OF 6
 JOB NO: 06-042
 FILE NO: 96-042X

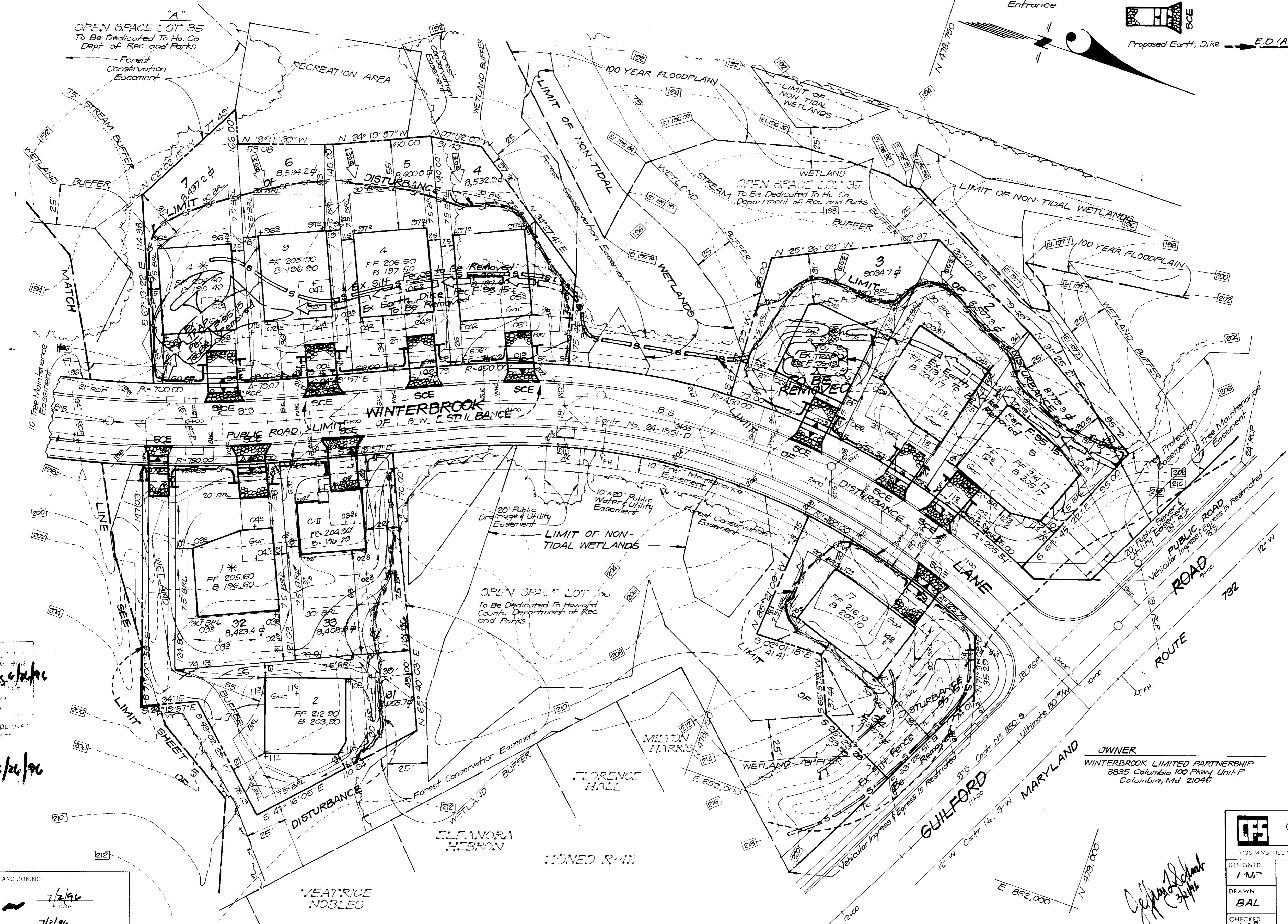
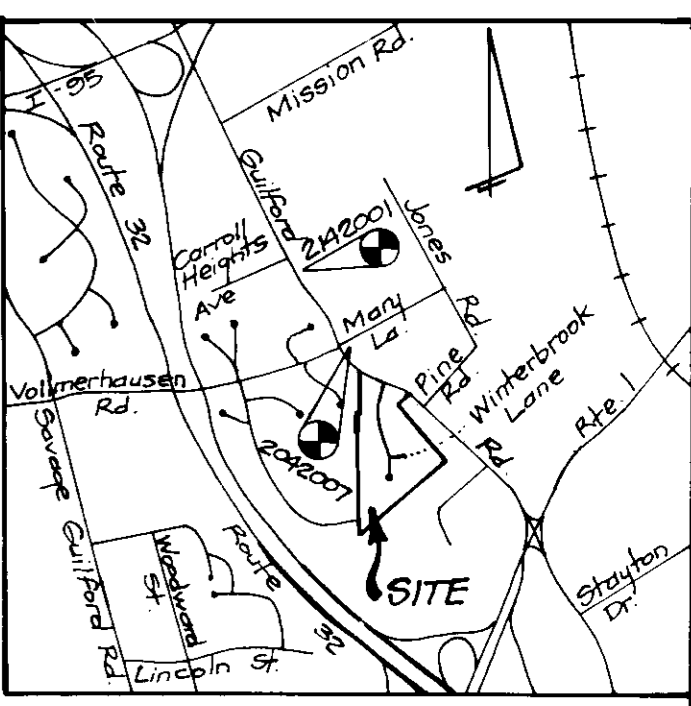
SITE DEVELOPMENT PLAN
 LOTS 1 thru 34
WINTERBROOK
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

For PATRIOT HOMES
 P.O. Box 1018
 Columbia, Md 21044

S.D.P. 96-113

LEGEND

- Contour Interval 2 FT
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage
- Ex Trees to be Saved
- Tree Protection Fence
- Existing Silt Fence
- Existing Earth Dike
- Proposed Silt Fence
- Stabilized Construction Entrance



DEVELOPER'S/BUILDERS CERTIFICATE

I hereby certify that all development and construction will be done according to the plan of development and plan for erosion control and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of the Environment approved Training Program for the Control of Sediment and Siltation. I am signing the project and also authorize periodic onsite inspection by Howard County Department of Rec. and Parks or their authorized agents at any time during the project.

R.W. Kinkle 3-20-96
R.W. KINKLE

ENGINEER'S CERTIFICATE

I hereby 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 County Department of Rec. and Parks.

Jeffrey L. Schwab 3/21/96
JEFFREY L. SCHWAB Date

OWNER
WINTERBROOK LIMITED PARTNERSHIP
8835 Columbia 100 Pkwy Unit P
Columbia, Md. 21045

Approved for Howard County Department of Rec. and Parks
J. Co. Cantello
Signature
U.S. Natural Resources Conservation Service

This Development Plan is Approved for Soil Erosion and Sediment Control By The Howard County Department of Rec. and Parks
John A. ... 3/26/96

APPROVED: DEPARTMENT OF PLANNING AND ZONING

<i>John A. ...</i>	7/2/96
Chief, Development Engineering Division	Date
<i>Gina ...</i>	7/31/96
Chief, Division of Land Development and Research	Date
<i>...</i>	7/5/96
Director	Date

CLARK • FINEROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7523 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED <i>I.N.P.</i>	SEDIMENT & EROSION CONTROL PLAN LOTS 1 thru 34	SCALE 1" = 30'
DRAWN <i>BAL</i>	WINTERBROOK	DRAWING 4 OF 6
CHECKED <i>JLS</i>	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 96-042
DATE 6-21-96	For: PATRIOT HOMES PO Box 1018 Columbia, Md. 21044	FILE NO. 96-04285

DEVELOPER'S/BUILDERS CERTIFICATE

I hereby certify that all development and construction will be done according to the plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of the Environment Approval Training Program for the Control of Sediment and Erosion. I am signing this plan and I also authorize periodic on-site inspection by the Department of Conservation District or their authorized representatives.

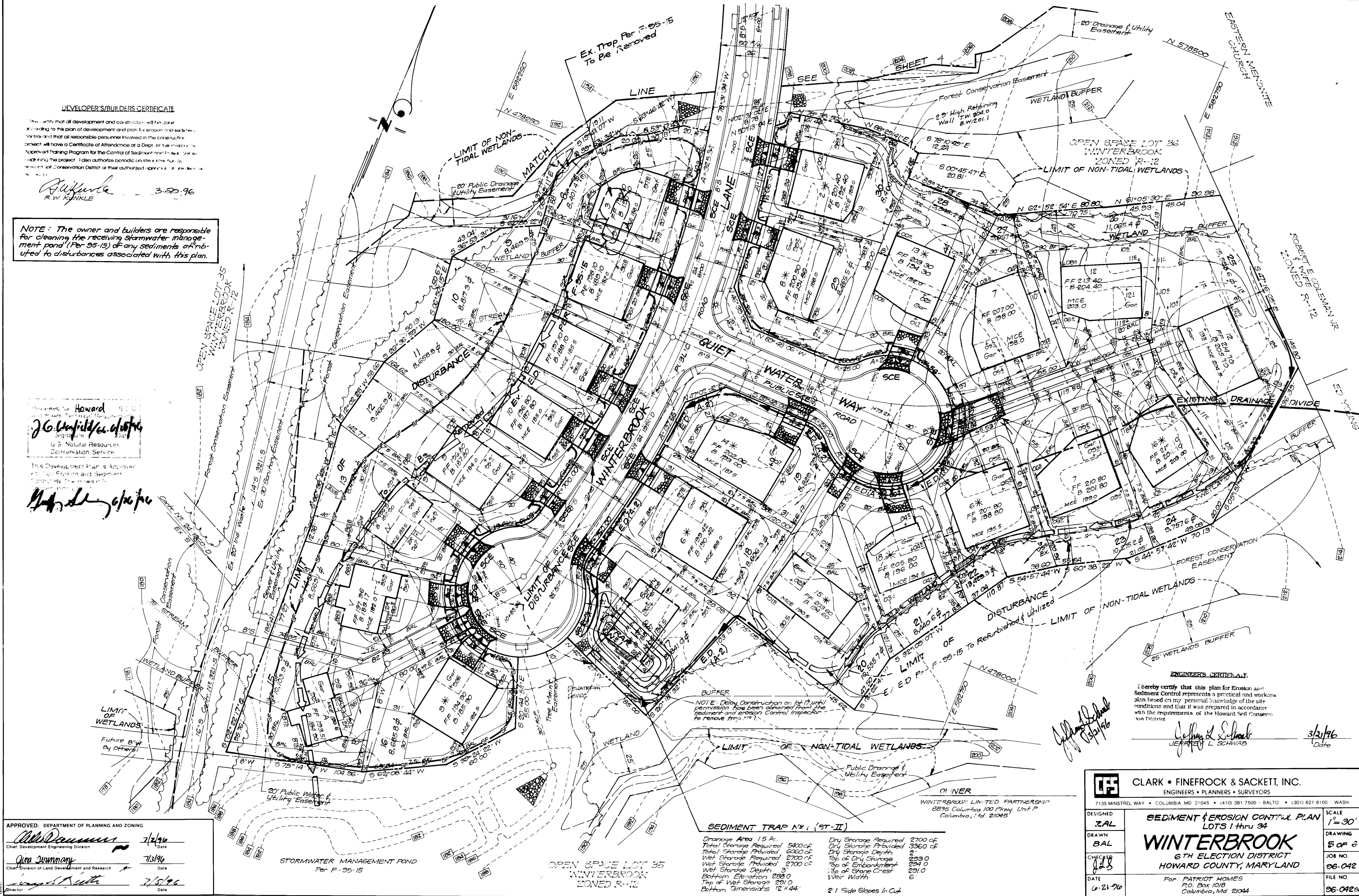
R.W. Kunkle
R.W. KUNKLE 3-20-96

NOTE: The owner and builders are responsible for cleaning the receiving stormwater management pond (Per 95-15) of any sediments attributed to disturbances associated with this plan.

Howard
26 Unified/10/1/96
Signature
U.S. Natural Resources
Conservation Service

This Development Plan is Approved for Erosion and Sediment Control by the Howard County Department of Planning and Zoning.

Handwritten signature



APPROVED: DEPARTMENT OF PLANNING AND ZONING

Chief Development Engineering Division 7/2/96 Date
Chief Division of Land Development and Research 7/3/96 Date
Director 7/5/96 Date

NOTE: Delay Construction on lot 17 until permission has been obtained from the sediment and erosion control inspector to remove trees 17-1.

OWNER
WINTERBROOK LIMITED PARTNERSHIP
8835 Columbia 100 Pkwy Unit P
Columbia, Md 21045

SEDIMENT TRAP #1 (ST-II)

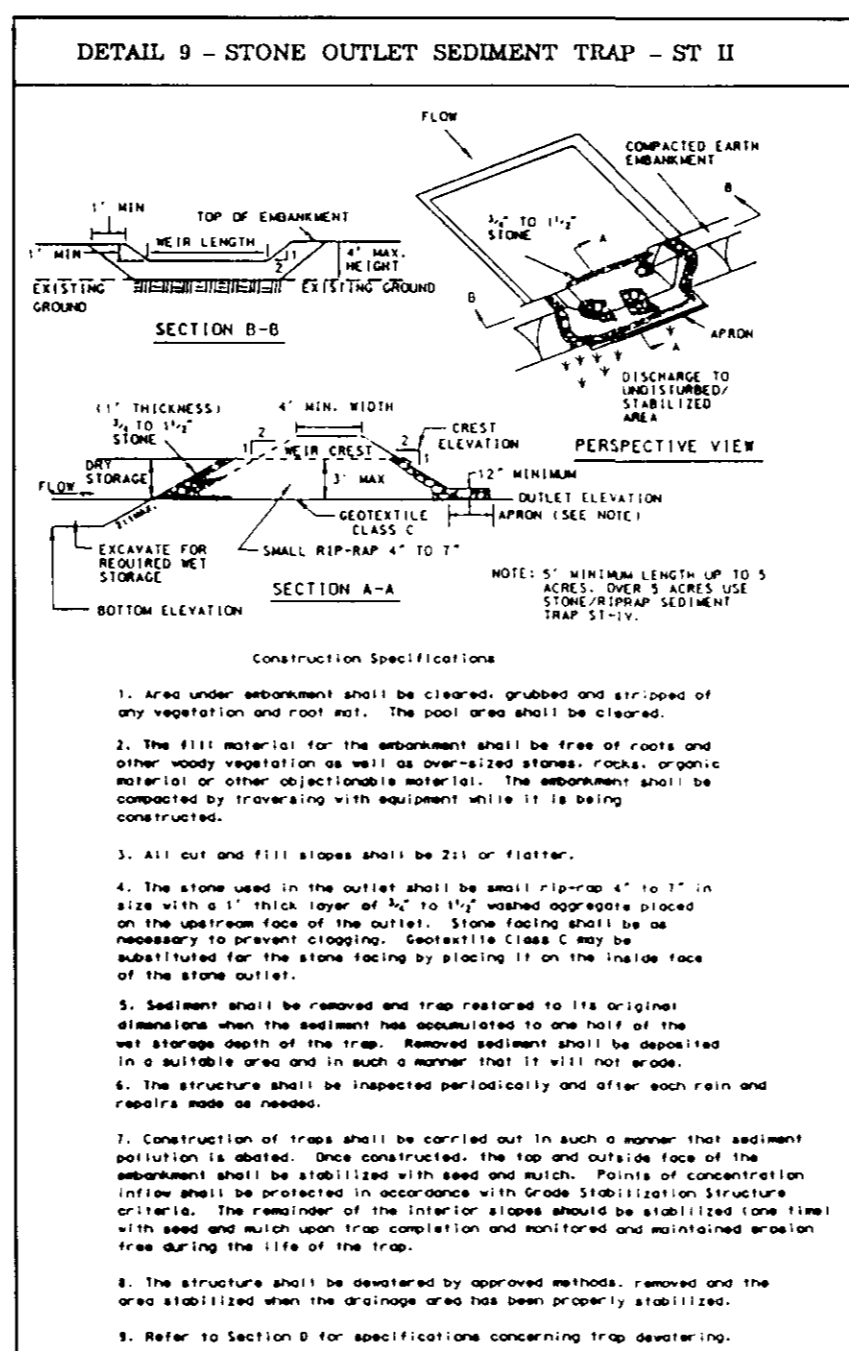
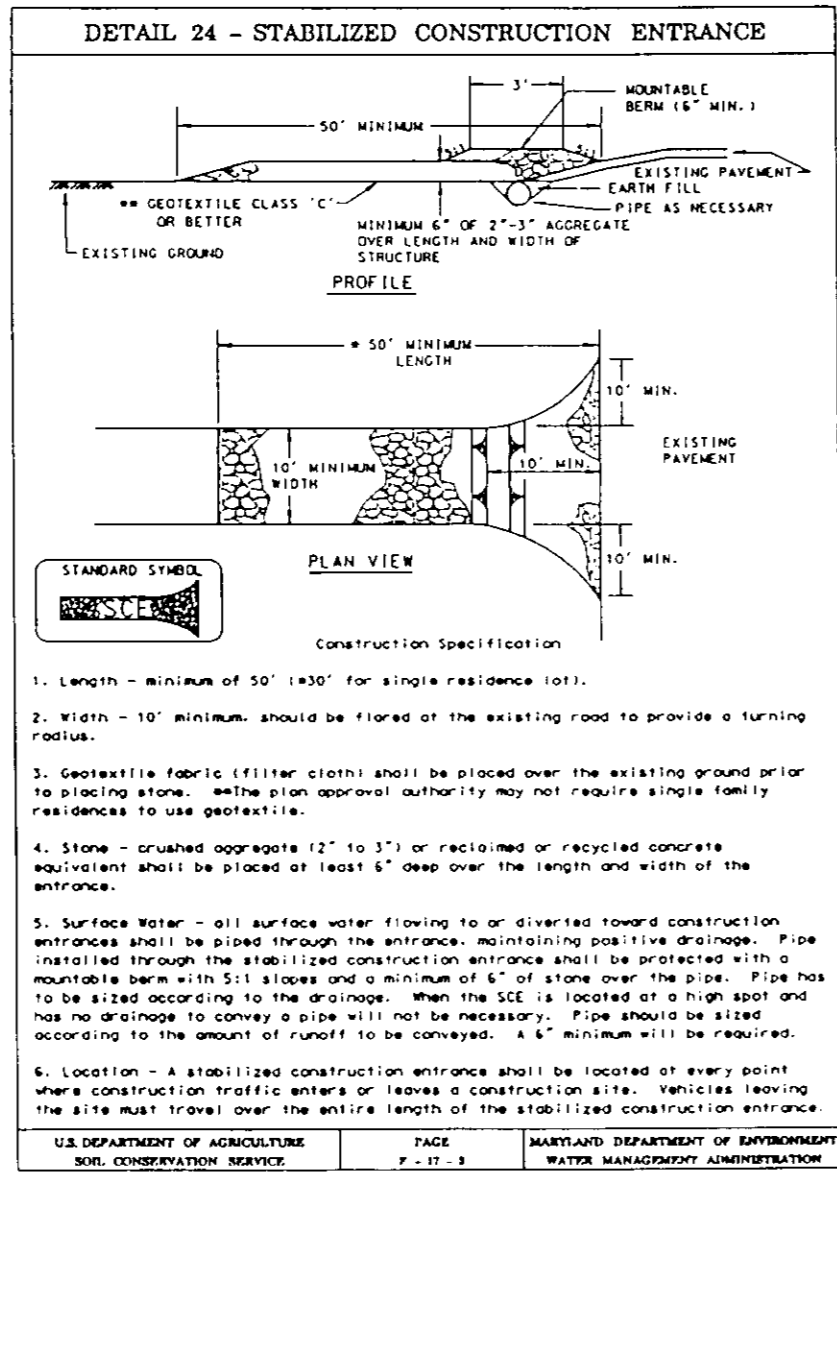
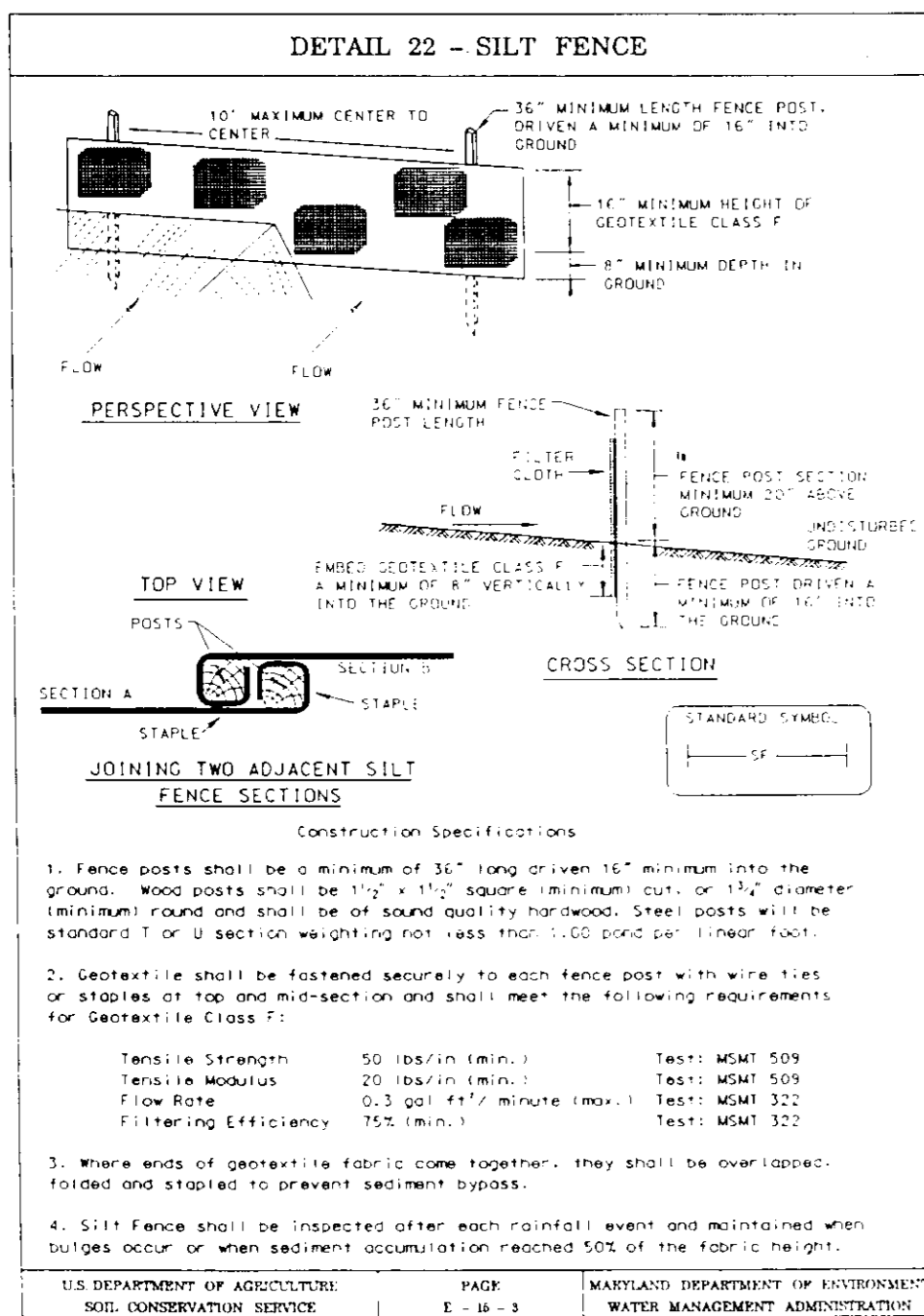
Drainage Area 1.5 Ac	Dry Storage Required 2700 cf
Total Storage Required 5400 cf	Dry Storage Provided 3360 cf
Total Storage Provided 6200 cf	Dry Storage Depth 2'
Wet Storage Required 2700 cf	Top of Dry Storage 293.0
Wet Storage Provided 2700 cf	Top of Embankment 294.0
Wet Storage Depth 3'	Top of Slope Crest 291.0
Bottom Elevation 288.0	Weir Width 6'
Top of Wet Storage 291.0	
Bottom Dimensions 12'x44'	2:1 Side Slopes In-Cut

ENGINEER'S CERTIFICATE

I hereby 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.

Jeffrey L. Schwab
JEFFREY L. SCHWAB 3/2/96 Date

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS		7135 MINSTREL WAY • COLUMBIA, MD 21045 • (410) 381-7500 - BALTO • (301) 621-8100 - WASH
DESIGNED Z.A.L.	SEDIMENT & EROSION CONTROL PLAN LOTS 1 thru 34 WINTERBROOK 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN B.A.L.		DRAWING 5 OF 6
CHECKED C.P.S.		JOB NO. 96-042
DATE 6-21-96		FILE NO. 96-042
For PATRIOT HOMES P.O. Box 1018 Columbia, Md. 21044		



SEDIMENT AND EROSION CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (11-1655)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1994 MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within:
 - 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1
 - 14 days as to all other disturbed or graded areas on the project site.
- All sediment traps/basins shown must be fenced and warning signs posted around their perimeters in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- All disturbed areas must be stabilized within the time period specified above, in accordance with the 1994 MARYLAND STANDARDS AND SPECS. FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings, soil temporary seedings and mulching (Sec. 9-20-1 thru 9-23-5). Temporary stabilization with mulch alone can only be done when recommended seedings do not allow for proper germination and establishment of grasses.
- All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- SITE ANALYSIS:**

Total Area of Site:	7.77 AC
Area Disturbed:	6.87 AC
Area to be seeded or mulched:	2.00 AC
Area to be vegetatively stabilized:	4.87 AC
Total Cut:	10,532 cu yd
Total Fill:	2,112 cu yd
- Offsite Waste/Borrow Area Location: _____
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- Additional sediment control must be provided, if deemed necessary by the Howard County DPW Sediment Control Inspector.
- On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- The total amount of silt fence = **3425 LF**

Delay construction of house on lot 17. See Single lot Sediment Control Detail, this sheet.

PERMANENT SEEDING NOTES

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

SEEDING PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: In lieu of soil test recommendations, use one of the following schedules:

- Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./100 sq.ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil. At the time of seeding, apply 400 lbs. per acre 30-0-0 ureaform fertilizer (9 lbs./1000 sq.ft.)
- Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 sq.ft.) and apply 1000 lbs. per acre 10-10-10 fertilizer (23 lbs./1000 sq.ft.) before seeding. Harrow or disc into upper three inches of soil.

SEEDING: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs. per acre (1.4 lbs./1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (0.5 lbs./1000 sq.ft.) of weeping lovegrass. During the period of October 16 thru February 28, protect site by Option (1) 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs./acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq.ft.) for anchoring.

MAINTENANCE: Inspect all seeded areas and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

SEEDING PREPARATION: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

SOIL AMENDMENTS: Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq.ft.).

SEEDING: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushel per acre of annual ryegrass (3.2 lbs./1000 sq.ft.) for the period May 1 thru August 14, seed with 3 lbs. per acre of weeping lovegrass (0.7 lbs./1000 sq.ft.). For the period November 1 thru February 28, protect site by applying 2 tons per acre well anchored straw mulch and seed as soon as possible in the spring, or use sod.

MULCHING: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq.ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq.ft.) for anchoring.

REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

21.0 STANDARD AND SPECIFICATIONS

TOPSOIL

Definition

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

Purpose

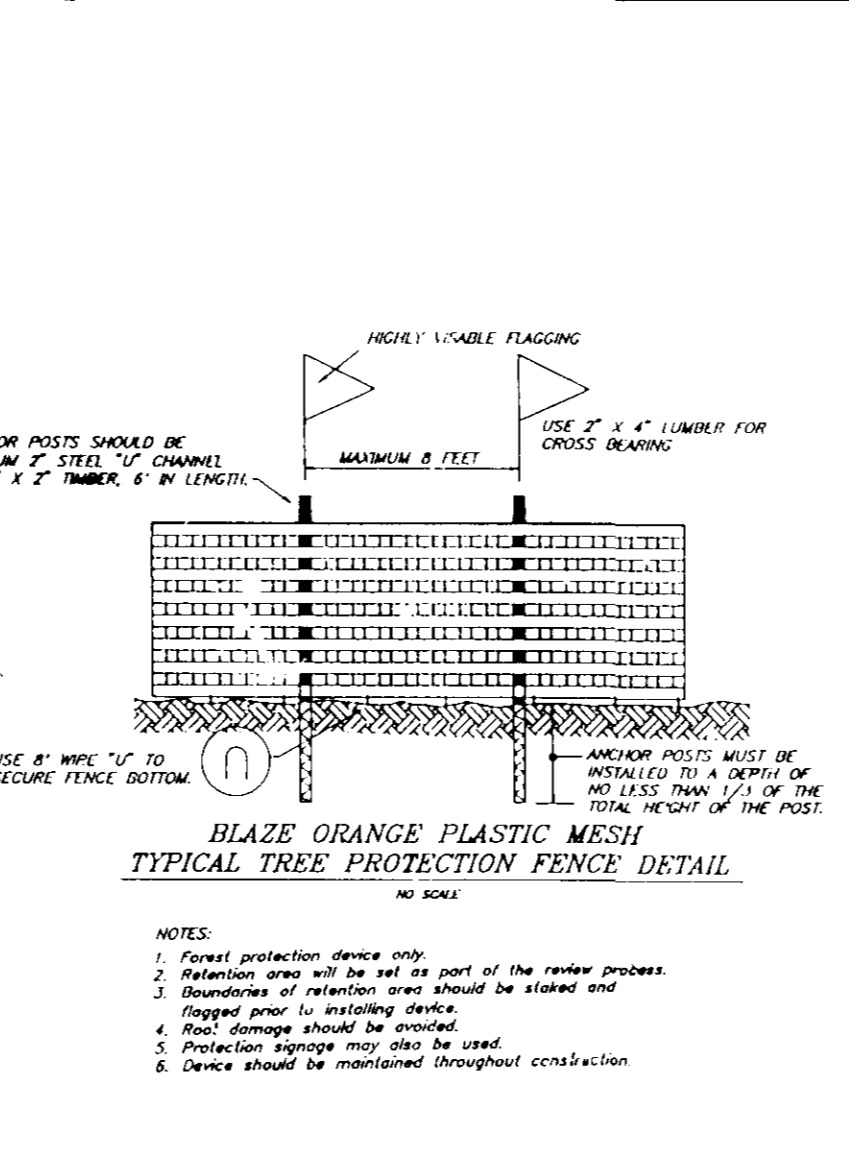
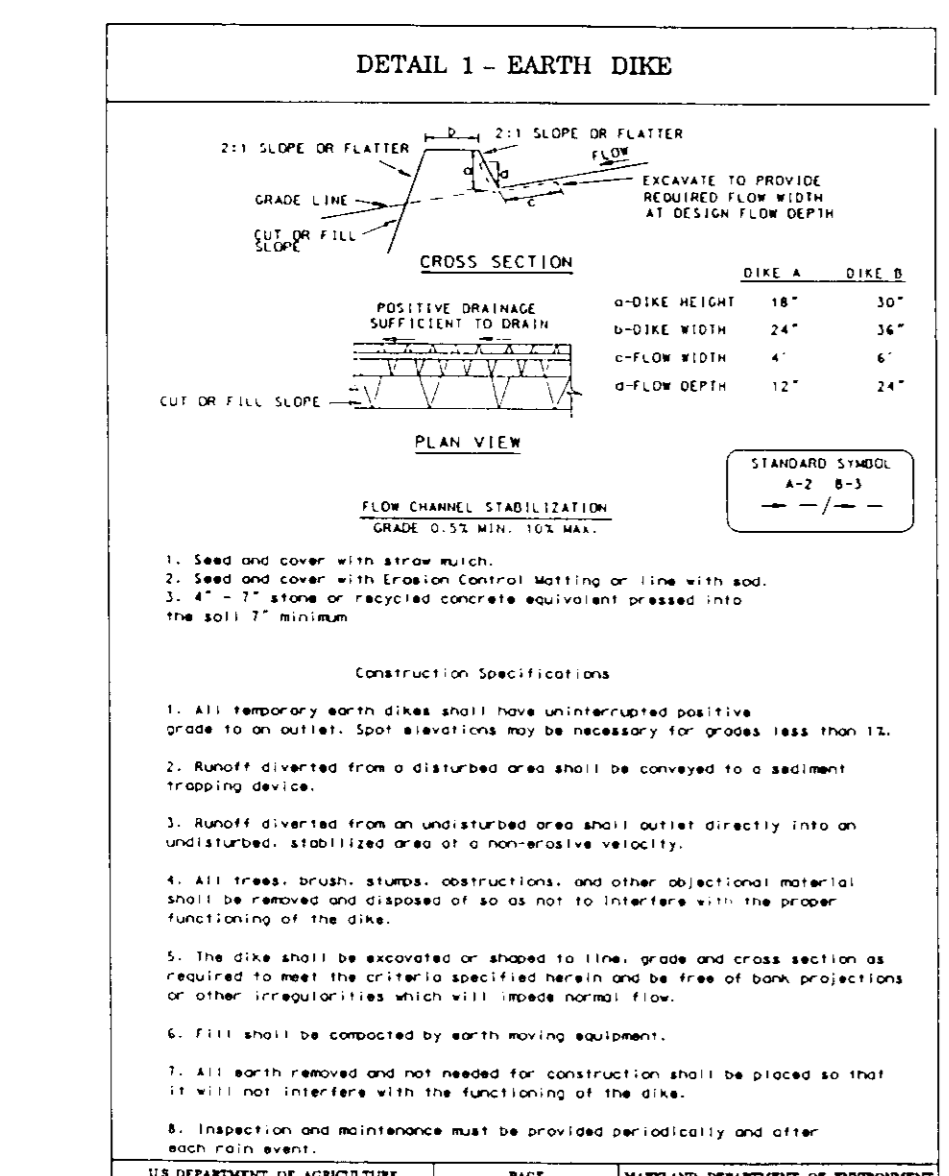
To provide a suitable soil medium for vegetable growth. Soils of concern have low moisture content, low nutrient levels, low pH, materials toxic to plants, and/or unacceptable soil gradation.

Conditions Where Practice Applies

- This practice is limited to areas having 2:1 or flatter slopes where:
 - The texture of the exposed subsoil/parent material is not adequate to produce vegetative growth.
 - The soil material is so shallow that the rooting zone is not deep enough to support plants or furnish continuing supplies of moisture and plant nutrients.
 - The original soil to be vegetated contains material toxic to plant growth.
 - The soil is so acidic that treatment with limestone is not feasible.
- For the purpose of these Standards and Specifications, areas having slopes steeper than 2:1 require special consideration and design for adequate stabilization. Areas having slopes steeper than 2:1 shall have the appropriate stabilization shown on the plans.

Construction and Material Specifications

- Topsoil salvaged from the existing site may be used provided that it meets the standards as set forth in these specifications. Typically, the depth of topsoil to be salvaged for a given soil type can be found in the representative soil profile section in the Soil Survey published by USDA-SCS in cooperation with Maryland Agricultural Experimental Station.
- Topsoil Specifications - Soil to be used as topsoil must meet the following:
 - Topsoil shall be a loam, sandy loam, clay loam, silt loam, sandy clay loam, loamy sand. Other soils may be used if recommended by an agronomist or a soil scientist and approved by the appropriate approval authority. Regardless, topsoil shall not be a mixture of contrasting textured subsoils and shall contain less than 2% by volume of cinders, stones, stop waste fragments, gravel, sticks, roots, trash, or other materials larger than 1 and 1/2" in diameter.
 - Topsoil must be free of plants or plant parts such as Bermuda grass, quackgrass, Johnsongrass, nutsedge, poison ivy, thistle, or others as specified in the specifications.
 - Where the subsoil is either highly acidic or composed of heavy clays, ground limestone shall be spread at the rate of 4-8 tons/acre (200-400 pounds per 1,000 square feet) prior to the placement of topsoil. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedures.
- For sites having disturbed areas under 5 acres:
 - Place topsoil (if required) and apply soil amendments as specified in 20.0 Vegetative Stabilization - Section I - Vegetative Stabilization Methods and Materials.
- Topsoil Application
 - When topsoiling, maintain needed erosion and sediment control practices such as diversions, Earth Dikes, Slope Silt Fence and Sediment Traps and basins.
 - Grades on the areas to be topsoiled, which have been previously established, shall be maintained, albeit 4" - 6" higher in elevation.
 - Topsoil shall be uniformly distributed in a 2" - 4" layer and lightly compacted to a minimum thickness of 4". Spreading shall be performed in such a manner that sodding or seeding can proceed with a minimum of additional soil resulting from topsoiling 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 seeding operations.



CONSTRUCTION SEQUENCE

NO.	DESCRIPTION	NO. OF DAYS
1	Obtain grading permit	2
2	Install tree protection fence	2
3	Install sediment and erosion control devices and stabilize	14
4	Excavate for foundations, rough grade and temporarily stabilize	30
5	Construct structures, sidewalks, driveway and driveway	14
6	Final grade and stabilize in accordance with Slits and Specs.	14
7	Upon approval of the sediment control inspector, remove sediment and erosion control devices and stabilize.	7

NOTE: The owner and builders are responsible for cleaning the receiving stormwater management pond (Per 05-15) of any sediments attributed to disturbances associated with this plan.

APPROVED: DEPARTMENT OF PLANNING AND ZONING

[Signature] 7/2/96 Date
Chief, Development Engineering Division

[Signature] 7/31/96 Date
Chief, Division of Land Development and Research

[Signature] 7/5/96 Date
Director

Reviewed for HOWARD S.C.D. and meets Technical Requirements

[Signature] 6/14/96 Date
S. J. G. Winkler, P.E.
U.S. Natural Resources Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

[Signature] 6/20/96 Date
R. W. KUNKLE
Approved

DEVELOPER'S/BUILDER'S CERTIFICATE

"I/We certify that all development and construction will be done according to this plan of development and plan for sediment and erosion control and that all 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 or their authorized agents, as are deemed necessary."

[Signature] 6/20/96 Date
JEFFREY L. SCHWAB

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Sediment and Erosion 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] 6/20/96 Date
JEFFREY L. SCHWAB

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS

7135 MINISTREL WAY • COLUMBIA MD 21046 • (410) 381-7500 • BALTO • (301) 621-8100 • WASH

DESIGNED MNP
DRAWN BAL
CHECKED JLS
DATE 6-21-96

SCALE 1" = 30'

SEDIMENT & EROSION CONTROL PLAN
LOTS 1 THRU 34
WINTERBROOK
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

For: PATRIOT HOMES
P.O. Box 1018
Columbia, Md 21044

JOB NO. 96-042
FILE NO. 96-04256

SPR 96-115