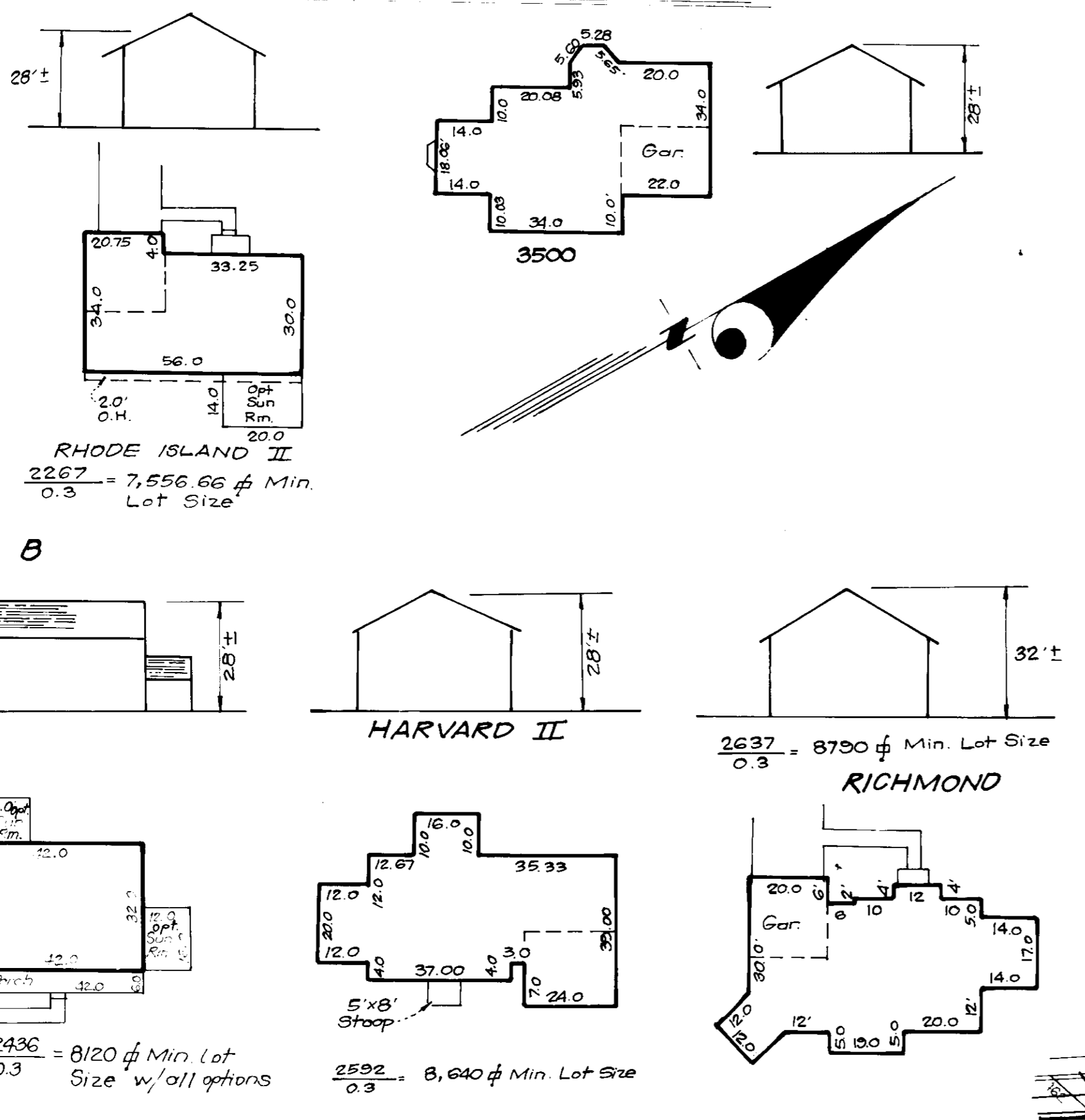


SPECIAL NOTES

All road construction, storm drainage facilities and public water and sewer are shown for reference only. Use approved Howard County plans for all phases of construction.

TYPICAL HOUSES

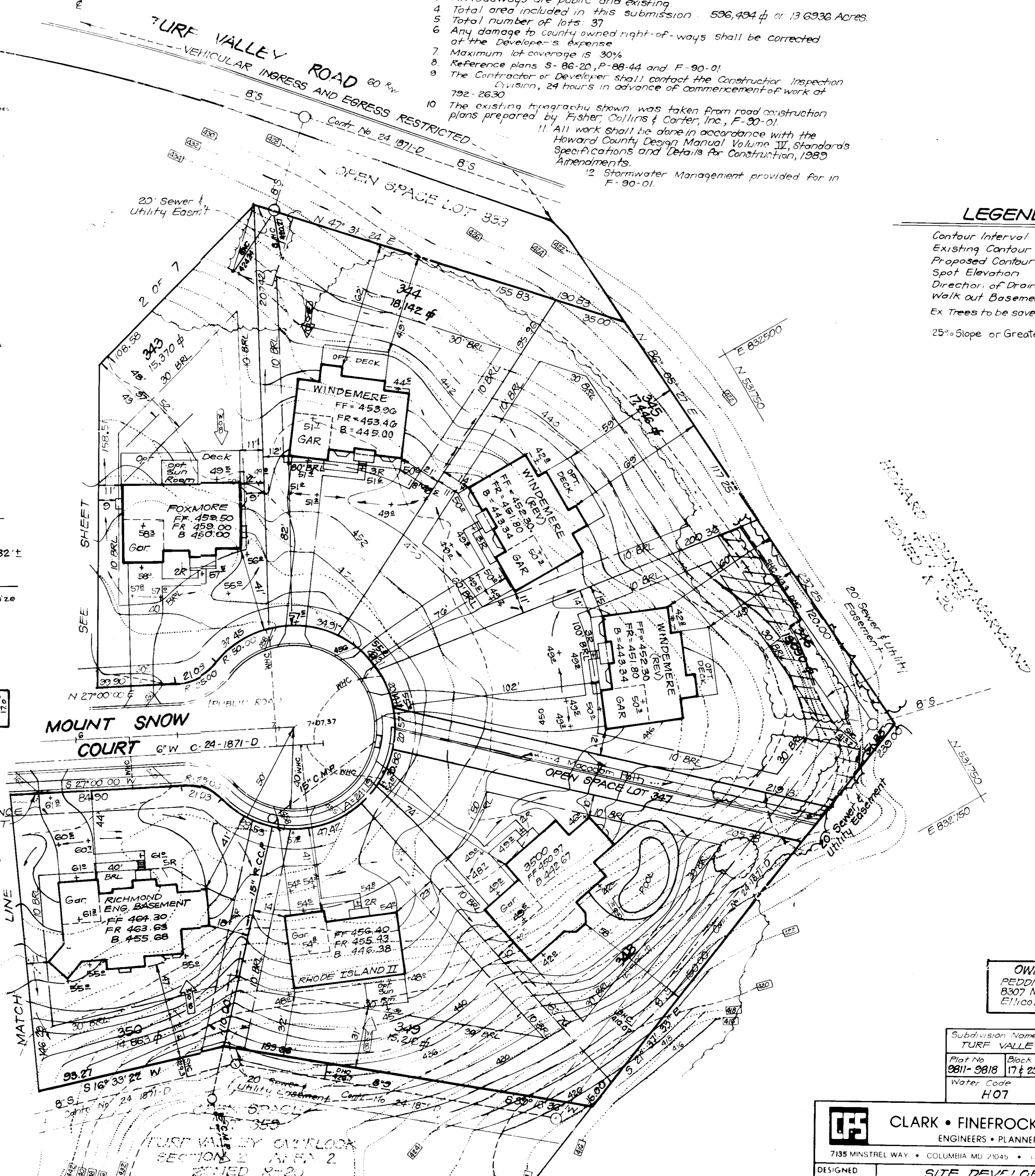
Scale: 1"=30'
NOTE: All units have 1" roof eaves front & rear.



ADDRESS CHART

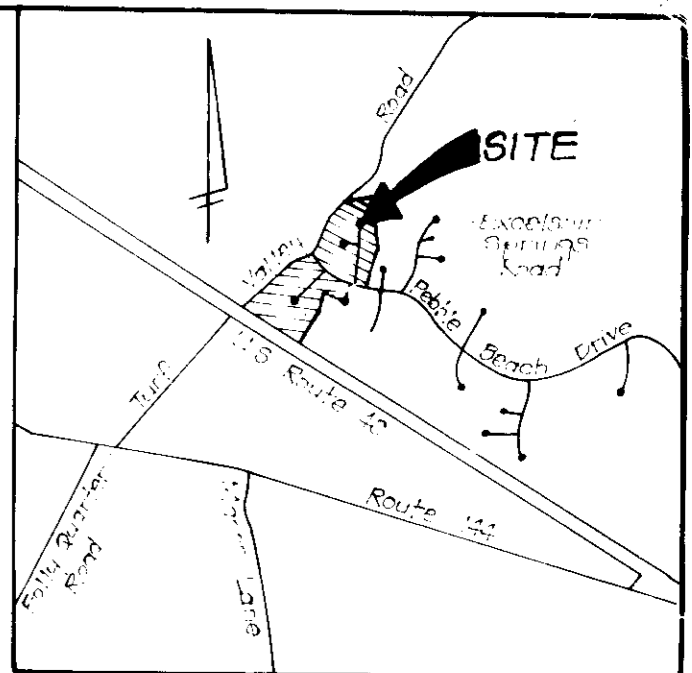
LOT No.	STREET ADDRESS
343	2923 MOUNT SNOW COURT
344	2927
345	2931
346	2935
348	2939
349	2943
350	2947

WINDEMERE
2908 = 9,093 sq ft Min. Lot Size w/ opt deck



GENERAL NOTES

- Subject property zoned R20 as per B 2 85 Comprehensive Zoning Plan.
- The coordinates shown herein are based on the Maryland State Grid System and derived from the following Howard County Control Stations 3440001 and 3440002.
- All roadways are public and existing.
- Total area included in this submission: 536,494 sq ft or 13.6936 Acres.
- Total number of lots: 37.
- Any damage to county owned right-of-ways shall be corrected at the Contractor's expense.
- Maximum lot coverage is 30%.
- Reference plans S-86-20, P-88-44 and F-90-01.
- The Contractor or Developer shall contact the Construction Inspection Division, 24 hours in advance of commencement of work at 792-2630.
- The existing topography shown was taken from road construction plans prepared by Fisher, Collins & Carter, Inc., F-20-01.
- All work shall be done in accordance with the Howard County Design Manual Volume IV, Standards Specifications and Details for Construction, 1989 Amendments.
- Stormwater Management provided for in F-90-01.



LEGEND

- Contour Interval: 2 FT
- Existing Contour: ---
- Proposed Contour: - - -
- Spot Elevation: +10'
- Director of Drainage Walk out Basement: [Symbol]
- Ex Trees to be saved: [Symbol]
- 25% Slope or Greater: [Symbol]

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPT OF PLANNING & ZONING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

REVISIONS

No.	REVISIONS	Date
5	Rev. hse. & grd. lot 348, Add hse. typical	9-1-94
4	Rev. hse. & grd. lot 350, Add hse. typical	7-2-93
3	Rev. hse. & grd. lot 350, Add hse. typical	3-13-93
2	Rev. hse. & grd. lot 343, Add hse. typical	2-11-93
1	Rev. hse. & grd. Lot 343	7-7-92

OWNER/DEVELOPER
REDDICORD PROPERTY PART, INC.
8307 Main Street, Tiber Place
Ellicott City, Md. 21043

Subdivision Name	TURF VALLEY OVERLOOK	Sheet Area	2/2	Lots	316-321
Plot No.	9811-9818	Block No.	17 & 23	Zone	R 20
Water Code	H07	Map No.	16	Elec. Dist.	2ND
		Census Tr.			6022
		Sewer Code			5992000

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

7135 MINSTREL WAY • COLUMBIA MD 21045 • (410) 881-2500 • BALTO • (410) 271-2000 • WASH

SITE DEVELOPMENT PLAN
LOTS 316-321, 323-322, 334-346 & 348-355

TURF VALLEY OVERLOOK
SECTION 2 AREA 2
SECOND ELECTION DISTRICT
HOWARD COUNTY MARYLAND

FOR REDDICORD PROPERTY PART, INC.
8307 Main Street Tiber Place
Ellicott City, Maryland 21043

DESIGNED: VHL
DRAWN: BAL
CHECKED: JME
DATE: JAN 1990

SCALE: 1"=30'
DRAWING: 1 OF 7
JOB NO: 89-157
FILE NO: 89-157X

N ^o	REVISIONS	Date
1	Revise house and grade lot 316	10/18/91
2	Revise house and grade lot 351	12/2/91
3	Revise house and grade lot 352	12/20/91
4	Revise house and grade lot 334	2/19/92
5	Rev. hse. & grd. lots 316 & 351, Add hse typical's	4/23/92
7	Rev. hse. & grd. lots 353 & 336, Add hse typical's	5/27/92
8	Rev. house and grade lot 317	6/2/92
9	Rev. house and grade lot 335, Add hse. typical	8/26/92
10	Rev. house and grade lot 341, Add hse. typical	11/22/92
11	Rev. hse. & grd. lot 335, Add hse. typical	3/23/93
12	Rev. hse. & grd. lot 355, Add hse. typical	5/9/93
13	Rev. hse. & grd. lot 342, Add hse. typical	10/1/93
14	Rev. hse. & grd. lot 337	11/3/93

LOT NO.	STREET ADDRESS
316	2800 CHAINITA COURT
317	2334 PEBBLE BEACH DRIVE
334	2503 MOUNT SNOW COURT
335	2507 " " "
336	2311 " " "
337	2205 BLOWING ROCK COURT
338	2500 " " "
339	2513 " " "
340	2508 " " "
341	2504 " " "
342	2502 " " "
351	2218 Mount Snow Court
352	2514 " " "
353	2510 " " "
354	2506 " " "
355	2502 " " "

LOT NO.	TOTAL LOT AREA	PIPE STEM AREA	STEEPSLOPE AREA	RESULTING MIN. LOT AREA
323	18,394 sq ft	1,085 sq ft	2,283 sq ft	15,022 sq ft
326	16,224 sq ft	1,621 sq ft	1,621 sq ft	14,603 sq ft
327	15,166 sq ft	1,166 sq ft	1,166 sq ft	14,000 sq ft
328	14,350 sq ft	350 sq ft	350 sq ft	14,000 sq ft
329	14,250 sq ft	250 sq ft	250 sq ft	14,000 sq ft
337	15,767 sq ft	275 sq ft	275 sq ft	15,492 sq ft
348	19,050 sq ft	346 sq ft	346 sq ft	18,704 sq ft
350	14,823 sq ft	671 sq ft	671 sq ft	14,152 sq ft
351	14,072 sq ft	125 sq ft	125 sq ft	13,947 sq ft

OWNER/DEVELOPER
 PEDDICOORD PROPERTY PART, INC.
 8307 Main Street, Tiber Place
 Ellicott City, Md. 21043

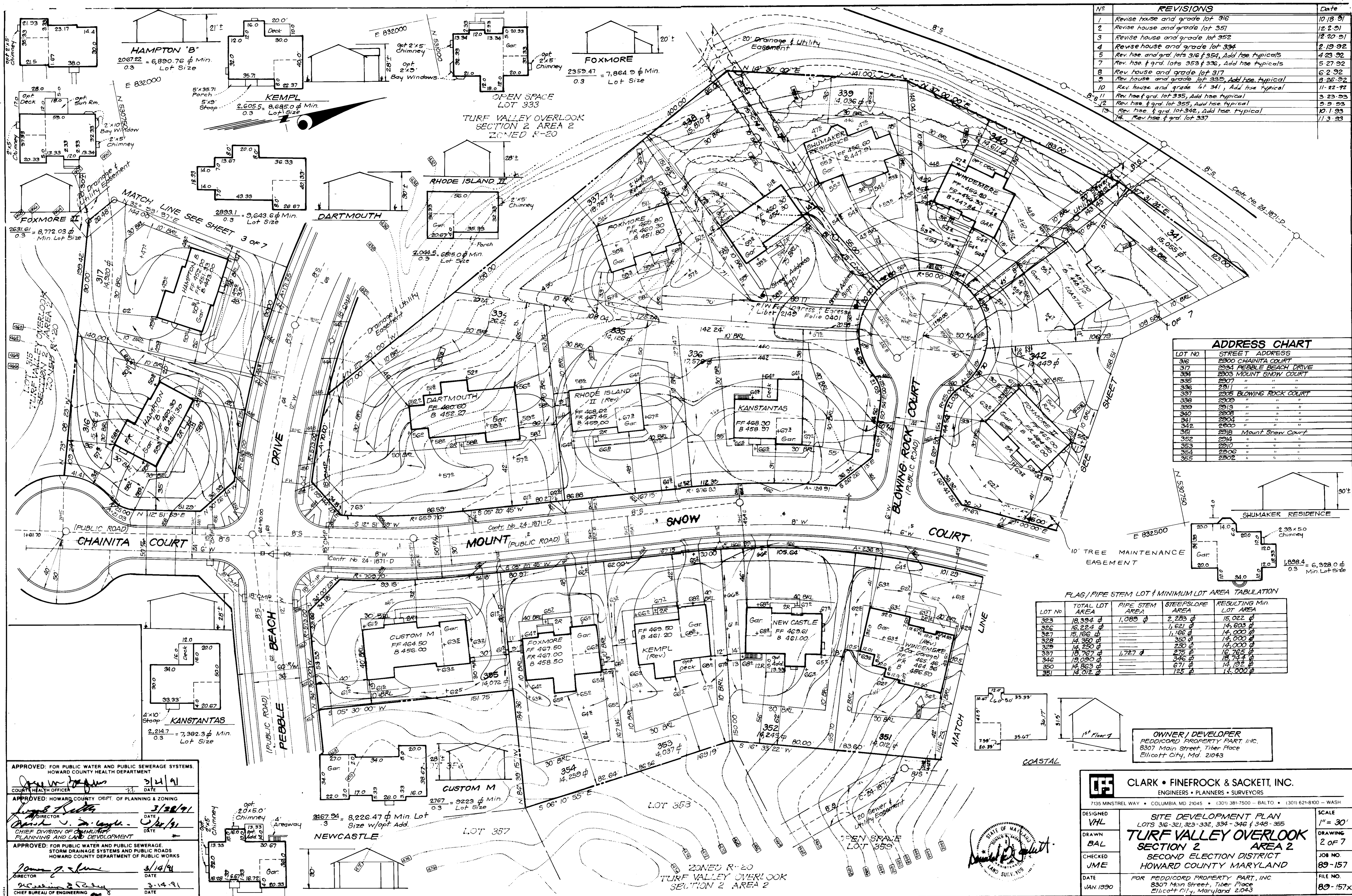
CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 - BALTO. • (301) 621-8100 - WASH.

DESIGNED: VHL
 DRAWN: BAL
 CHECKED: JME
 DATE: JAN 1990

SITE DEVELOPMENT PLAN
 LOTS 316-321, 323-332, 334-346 & 348-355
TURF VALLEY OVERLOOK
 SECTION 2
 AREA 2
 SECOND ELECTION DISTRICT
 HOWARD COUNTY MARYLAND

SCALE: 1" = 30'
 DRAWING: 2 OF 7
 JOB NO: 89-157
 FILE NO: 89-157X

FOR PEDDICOORD PROPERTY PART, INC.
 8307 Main Street, Tiber Place
 Ellicott City, Maryland 21043



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER: [Signature] DATE: 3/21/91

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

DIRECTOR: [Signature] DATE: 3/28/91

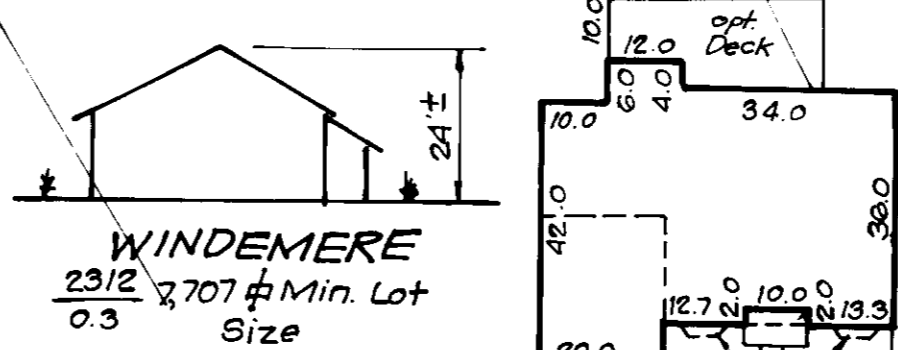
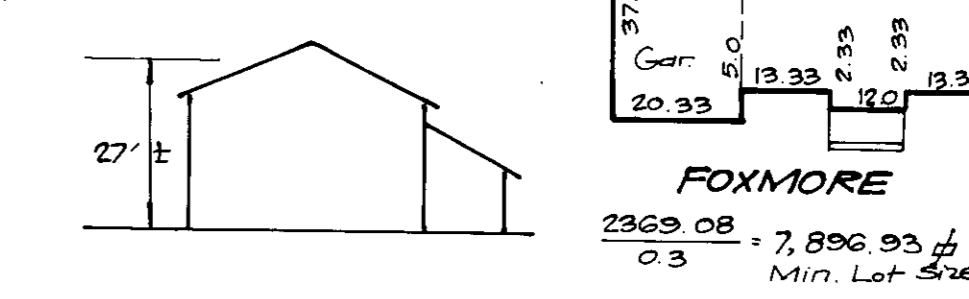
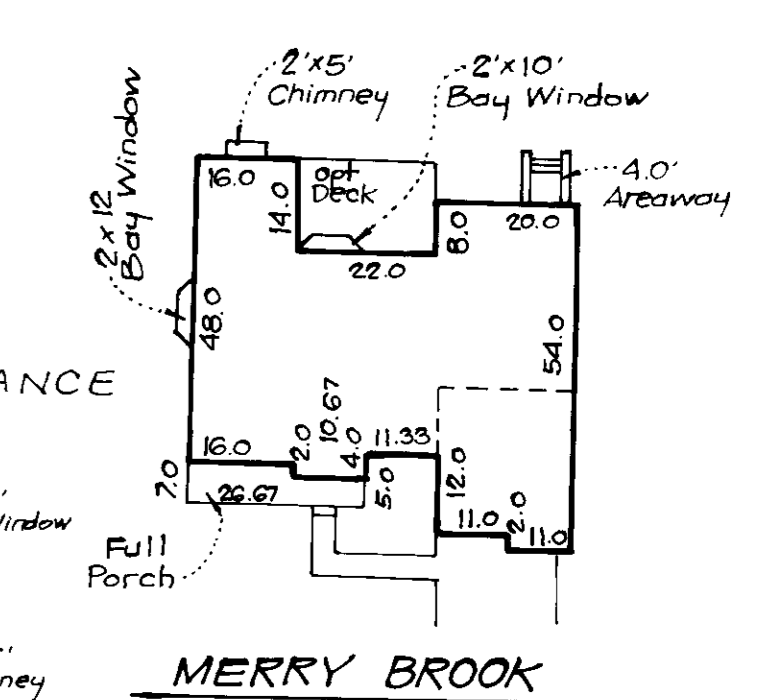
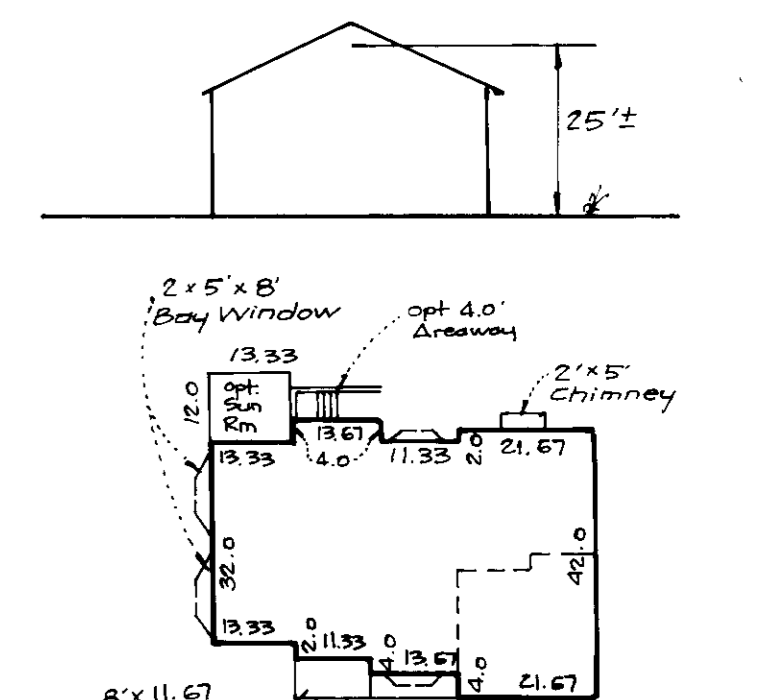
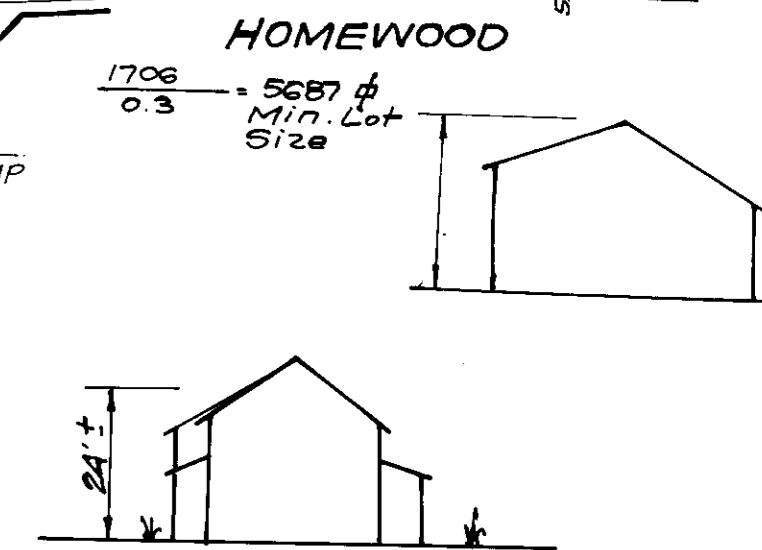
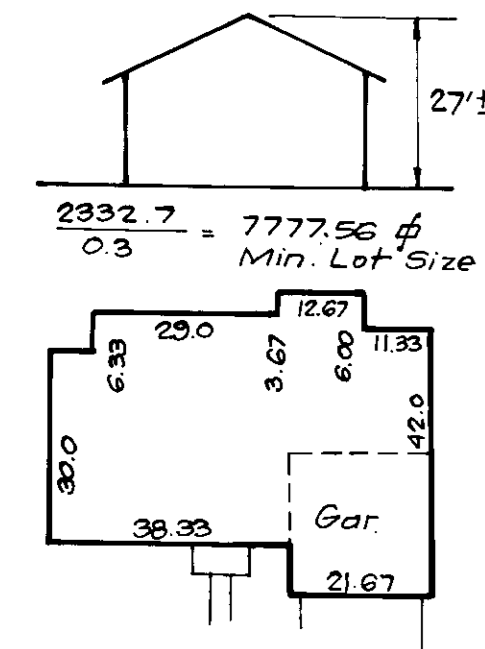
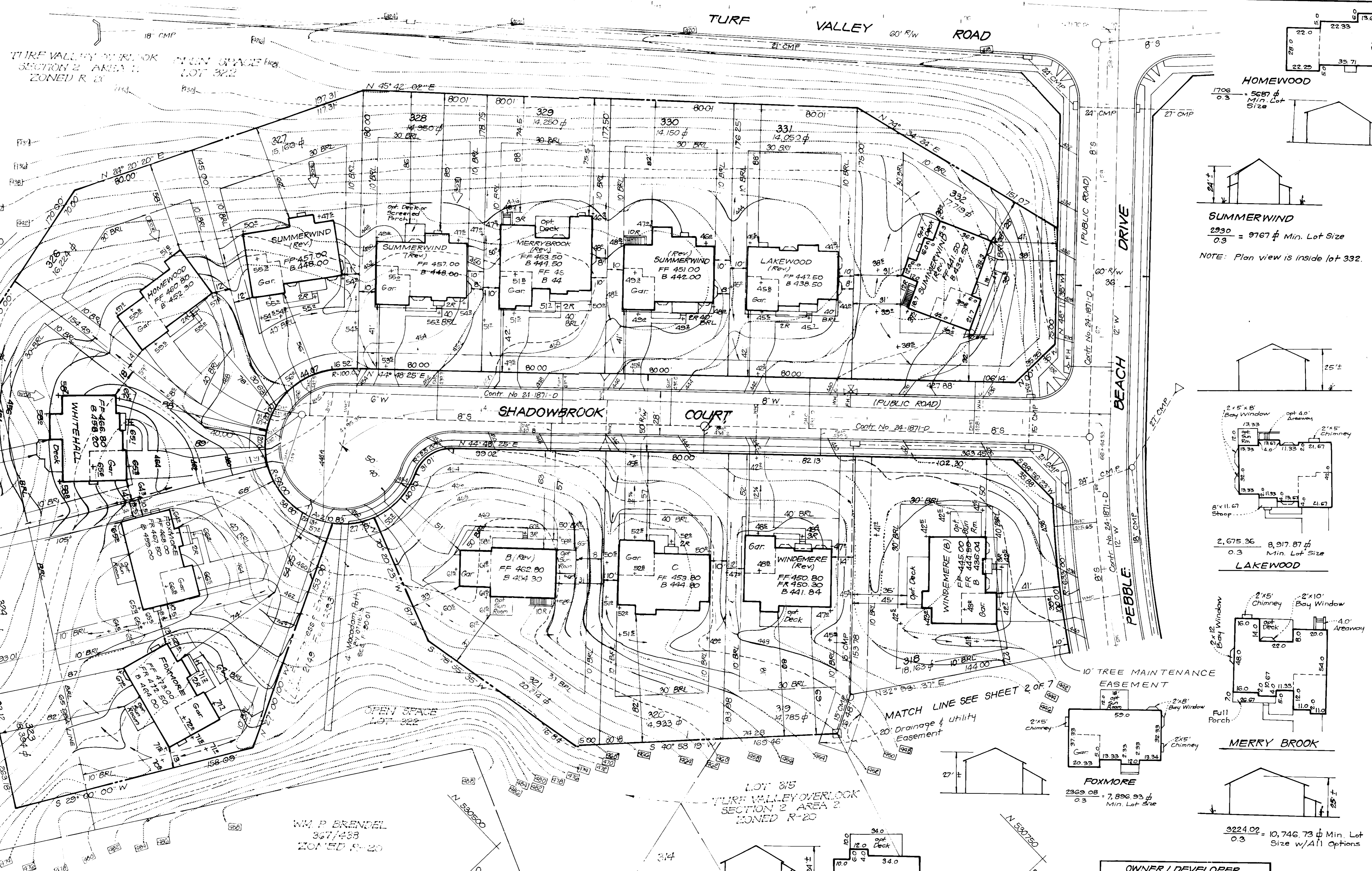
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR: [Signature] DATE: 3/14/91

CHIEF BUREAU OF ENGINEERING: [Signature] DATE: 3-14-91





APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

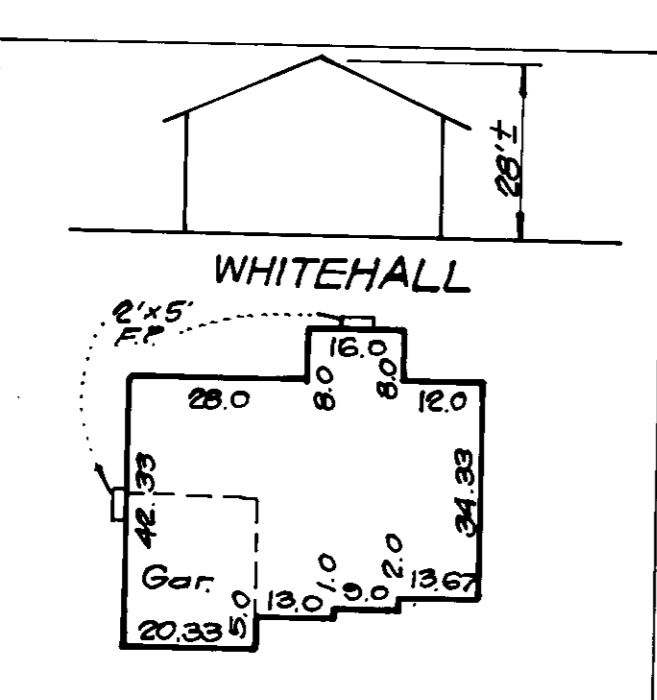
DATE: 3/21/91

DATE: 3/28/91

DATE: 3/14/91

DATE: 3/14/91

DATE: 3/14/91



LOT NO.	STREET ADDRESS
318	2301 SHADOWBROOK COURT
319	2305
320	2309
321	2313
322	2317
323	2321
324	2325
325	2329
326	2333
327	2337
328	2341
329	2345
330	2349
331	2353
332	2357

NO.	REVISIONS	DATE
13	Rev. hse. & grad. lot 325 to show Ex. Conditions	9-9-97
12	Rev. hse. & grad. lot 325	4-22-97
11	Rev. hse. & grad. lot 325, Add hse. typical	9-9-93
10	Rev. hse. & grad. lot 320, Add house typical	7-9-93
9	Shift hse. rev. grad. lot 323	6-25-93
8	Rev. hse. & grad. lot 323	6-16-93
7	Rev. hse. & grad. lots 324, Add hse. typical	5-26-92
6	Rev. hse. & grad. lots 328 & 330, Add hse. typical	12-3-92
5	Rev. hse. & grad. lot 327 and 330	10-27-92
4	Rev. hse. & grad. lot 328, Add hse. typical	8-27-92
3	Rev. house & grade lot 319, Add hse. typical	6-8-92
2	Rev. house and grade lot 322	12-19-91
1	Rev. house and grade lot 318	8-29-91

OWNER / DEVELOPER
REDICORD PROPERTY PART, INC.
8307 Main Street, Tiber Place
Ellicott City, Md. 21043

CLARK • FINEFROCK & SACKETT, INC.
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA, MD 21045 • (301) 381-7500 • BALTO • (301) 621-8100 • WASH

SITE DEVELOPMENT PLAN
LOTS 316-321, 323-332, 334-346, 348-355

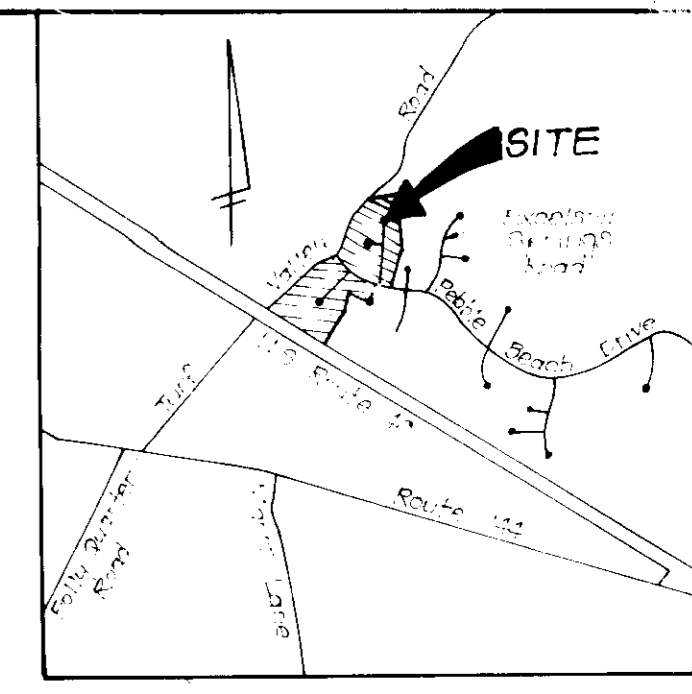
TURF VALLEY OVERLOOK
SECTION 2 AREA 2

SECOND ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: REDICORD PROPERTY PART, INC.
8307 Main Street, Tiber Place
Ellicott City, Maryland

DESIGNED: VHL
DRAWN: BAL
CHECKED: JME
DATE: JAN 1990

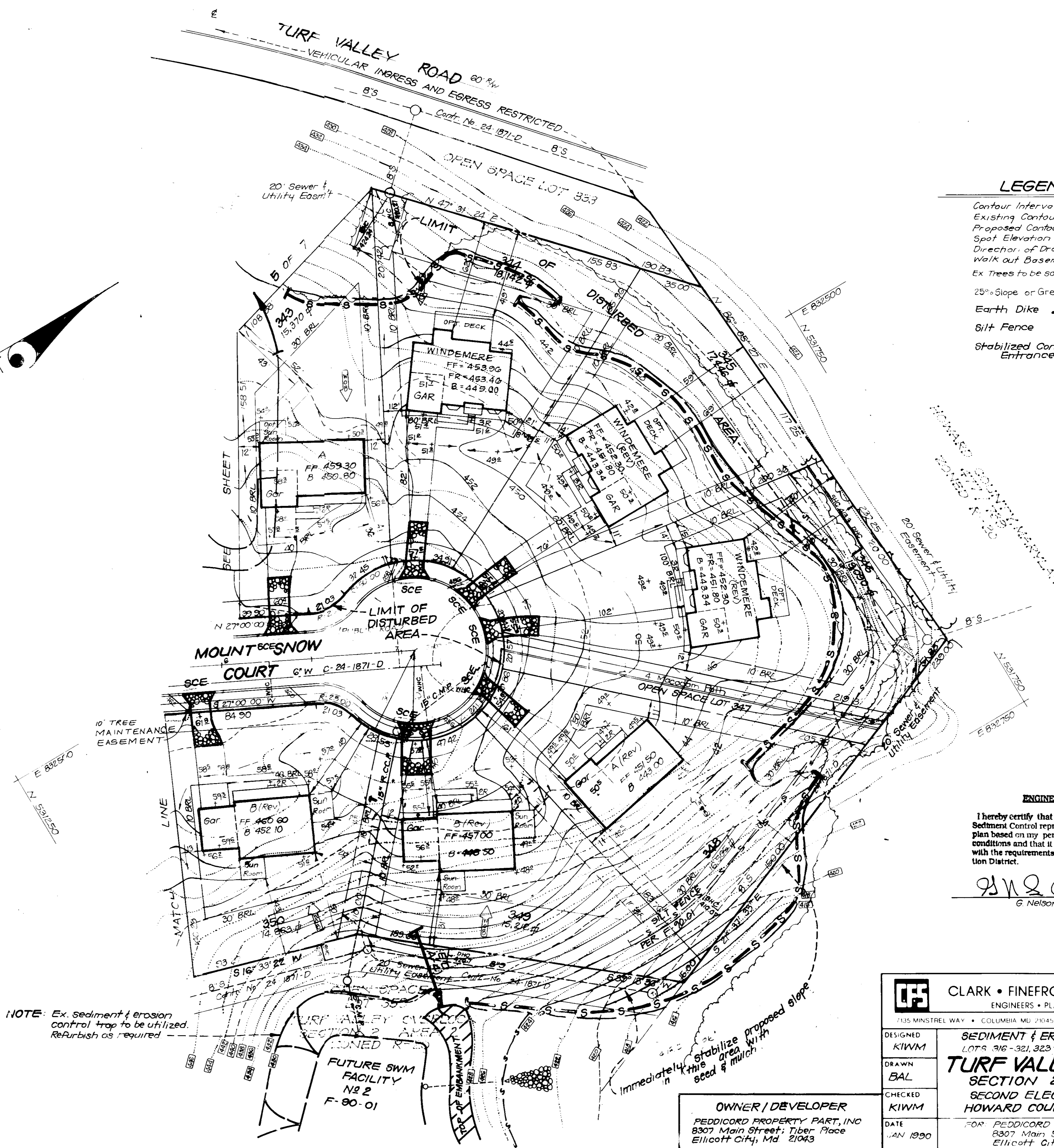
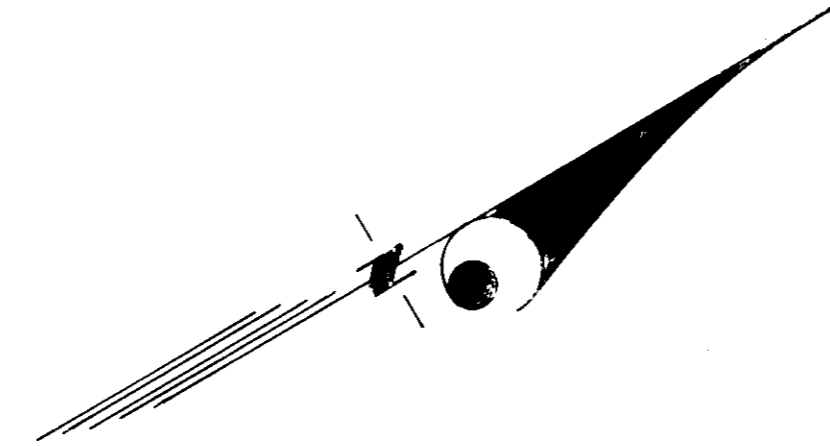
SCALE: 1" = 30'
DRAWING: 3 of 7
JOB NO: 89-157
FILE NO: 89-157-X



VICINITY MAP
Scale 1" = 2000'

LEGEND

- Contour Interval 2 FT
- Existing Contour
- Proposed Contour
- Spot Elevation +10.5
- Direction of Drainage
- Walk out Basement
- Ex Trees to be saved
- 25% Slope or Greater
- Earth Dike
- Silt Fence
- Stabilized Construction Entrance



Reviewed for Howard County S.C.D.
Name
and meets Technical Requirements
James M. Helms 3/6/91
Signature Date
U.S. Soil Conservation Service

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

John L. Roberts 3/6/91
Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE

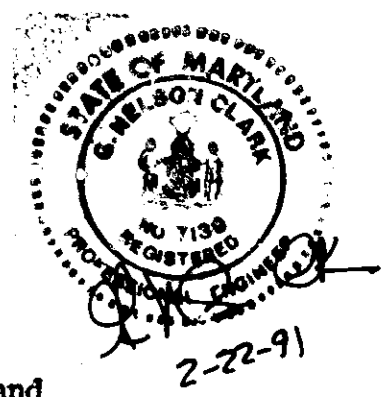
"I/We certify that all development and construction will be done according to this plan of development and construction for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved 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."

Christine R. Richards 1/13/91
Signature of Developer/Builder Date

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.

G. Nelson Clark 2-22-91
Date



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	<u>James M. Helms</u> 3/21/91 COUNTY HEALTH OFFICER DATE
APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING	<u>Joseph A. Kelly</u> 3/22/91 DIRECTOR DATE
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	<u>James M. Helms</u> 3/16/91 DIRECTOR DATE
	<u>William S. Kelly</u> 3-16-91 CHIEF BUREAU OF ENGINEERING DATE

NOTE: Ex. sediment & erosion control trap to be utilized. Re/furbish as required.

OWNER / DEVELOPER
PEDDICORD PROPERTY PART, INC
8307 Main Street, Tiber Place
Ellicott City, Md 21043

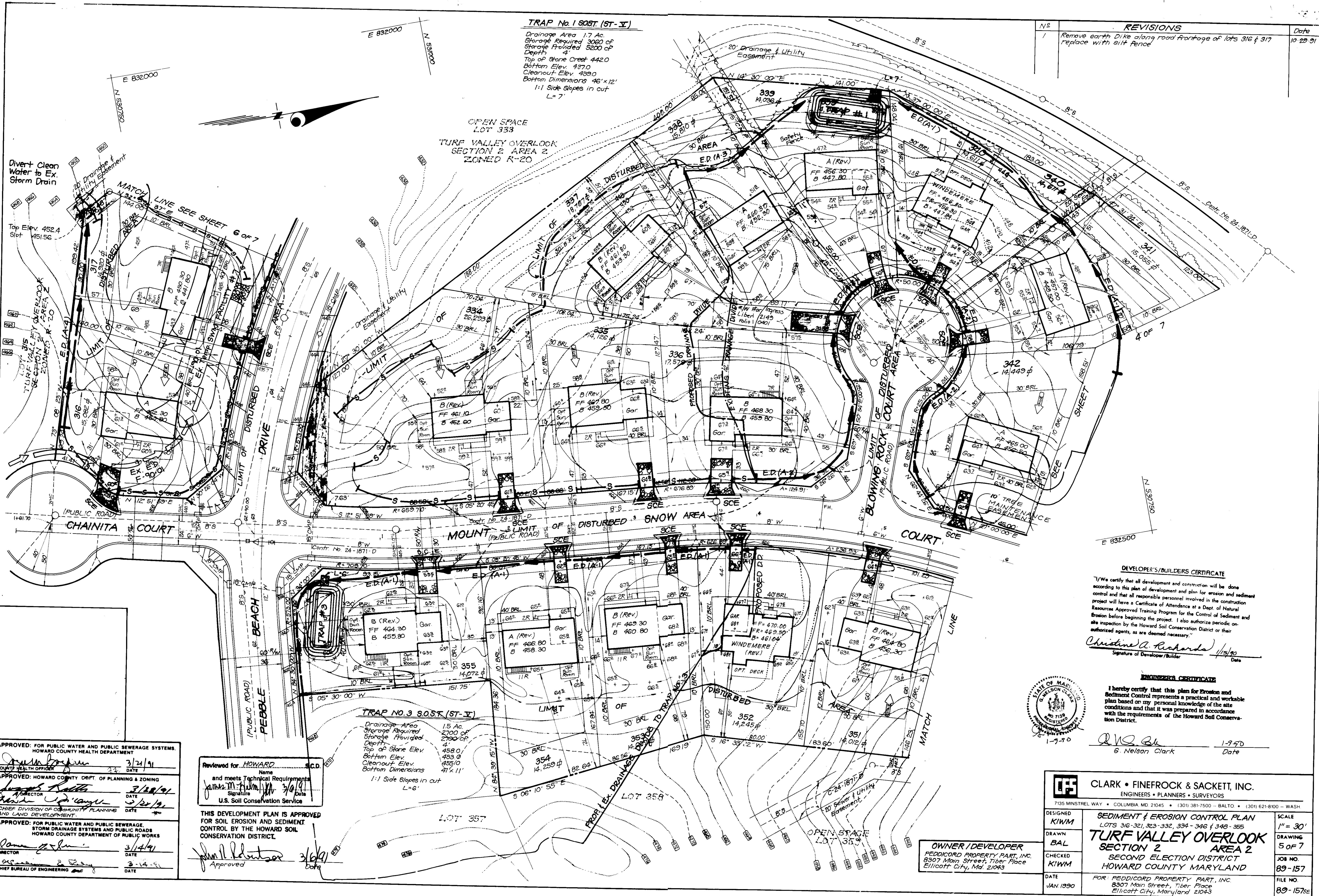
CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA MD 21045 • TEL: 781-75-1111 • FAX: 781-75-1112 • VA 11		
DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS 316-321, 323-322, 334-346 & 348-355	SCALE 1" = 30'
DRAWN BAL	TURF VALLEY OVERLOOK SECTION 2 AREA 2	DRAWING 4 OF 7
CHECKED KIWM	SECOND ELECTION DISTRICT HOWARD COUNTY MARYLAND	JOB NO. 89-157
DATE JAN 1990	FOR PEDDICORD PROPERTY PART, INC. 8307 Main Street Tiber Place Ellicott City, Maryland 21043	FILE NO. 89-157

No	REVISIONS	Date
1	Remove earth Dike along road frontage of lots 316 & 317 replace with silt fence	10-29-91

TRAP No. 1 S.O.S.T. (ST-I)
 Drainage Area 1.7 Ac.
 Storage Required 3060 of
 Storage Provided 5200 cF
 Depth 4'
 Top of Stone Crest 442.0
 Bottom Elev. 437.0
 Clearout Elev. 439.0
 Bottom Dimensions 46'x12'
 1:1 Side Slopes in cut
 L=7'

OPEN SPACE
 LOT 333
 TURF VALLEY OVERLOOK
 SECTION 2 AREA 2
 ZONED R-20

Divert Clean Water to Ex. Storm Drain



DEVELOPER'S/BUILDERS CERTIFICATE

"I/We certify that all development and construction will be done according to this 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 Natural Resources 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."

Christine A. Richards 1/5/90
 Signature of Developer/Builder Date

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.

G. Nelson Clark 1-9-90
 Signature Date



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 3/21/91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
[Signature] 3/22/91
 DIRECTOR DATE

CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
[Signature] 3/20/91
 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 3/14/91
 DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING
[Signature] 3-14-91
 DATE

Reviewed for HOWARD COUNTY S.C.D. Name
 and meets Technical Requirements
[Signature] 3/14/91 Date
 Signature Date
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
[Signature] 3/14/91
 Approved Date

TRAP NO. 3 S.O.S.T. (ST-II)
 Drainage Area 1.5 Ac.
 Storage Required 2700 of
 Storage Provided 2700 cF
 Depth 4'
 Top of Stone Elev. 458.0
 Bottom Elev. 453.0
 Clearout Elev. 455.0
 Bottom Dimensions 41'x11'
 1:1 Side Slopes in cut
 L=6'

OWNER/DEVELOPER
 PEDDICORD PROPERTY PART, INC.
 8307 Main Street, Tiber Place
 Ellicott City, Md. 21043

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINTREL WAY • COLUMBIA MD 21045 • (301) 381-7500 - BALTO. • (301) 621-8100 - WASH.		
DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS 316-321, 323-332, 334-346 & 348-355 TURF VALLEY OVERLOOK SECTION 2 AREA 2 SECOND ELECTION DISTRICT HOWARD COUNTY MARYLAND	SCALE 1" = 30'
DRAWN BAL		DRAWING 5 OF 7
CHECKED KIWM		JOB NO. 89-157
DATE JAN 1990		FILE NO. 89-157SE
FOR: PEDDICORD PROPERTY PART, INC. 8307 Main Street, Tiber Place Ellicott City, Maryland 21043		

U.S. ROUTE 40

TURF VALLEY ROAD

NO.	REVISIONS	Date
1	Relocated trap No 4	10-29-91

TRAP NO. 4 S.O.S.T. (ST-V)

Drainage Area: 1.4 Acres
 Storage Required: 2520 cu ft
 Storage Provided: 2820 cu ft
 Depth: 3'
 Top of Stone Crest: 440.5
 Bottom Elev.: 438.0
 Cleanout Elev.: 438.0
 Bottom Dimensions: 34'x15'
 1:1 Side Slopes in cut
 L=6'



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.

G. Nelson Clark
 Date: 1-9-90

OWNER / DEVELOPER
 REDDICORD PROPERTY PART, INC.
 8307 Main Street, Tiber Place
 Ellicott City, Md. 21043

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 81-7500 BALTO • (301) 621-8100 - WASH

DESIGNED KIWM	SEDIMENT & EROSION CONTROL PLAN LOTS 316-321, 323-332, 334-346 & 348-355 TURF VALLEY OVERLOOK SECTION 2 AREA 2 SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: REDDICORD PROPERTY PART, INC. 8307 Main Street, Tiber Place Ellicott City, Maryland	SCALE 1" = 30'
DRAWN BAL		DRAWING 6 of 7
CHECKED KIWM		JOB NO. 89-157
DATE JAN 1990		FILE NO. 89-157-28
		SDP-90-136

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 erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources 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."

Christine A. Richards
 Signature of Developer/Builder Date: 1/13/90

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] 3/21/91
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING
 [Signature] 3/28/91
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] 3/14/91
 DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING
 [Signature] 3-14-91
 DATE

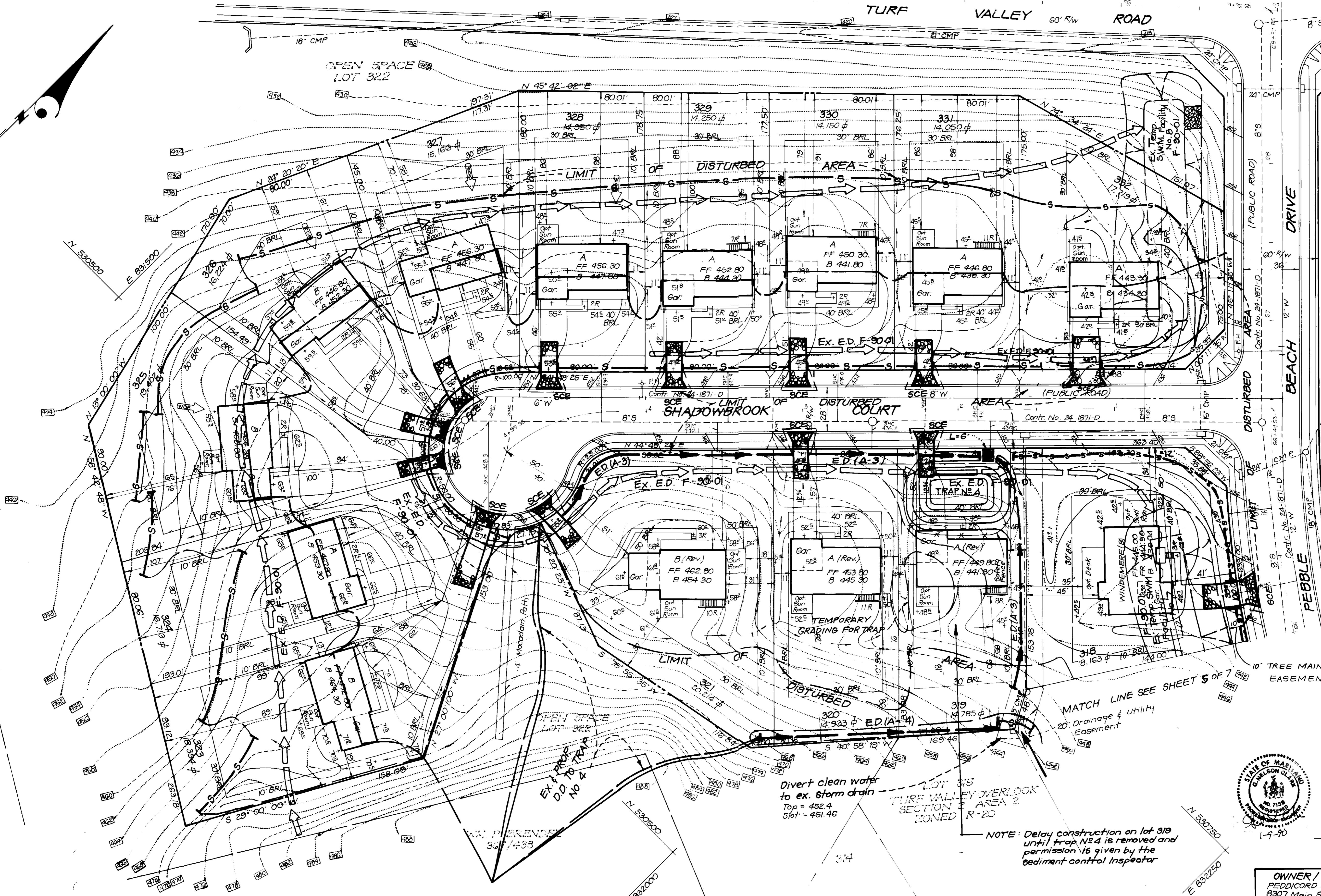
Reviewed for HOWARD COUNTY S.C.D.
 and meets Technical Requirements
 [Signature] 3/6/91
 Signature Date
 U.S. Soil Conservation Service

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

[Signature] 3/6/91
 Approved Date

Divert clean water to ex. storm drain
 Top = 452.4
 Slot = 451.46

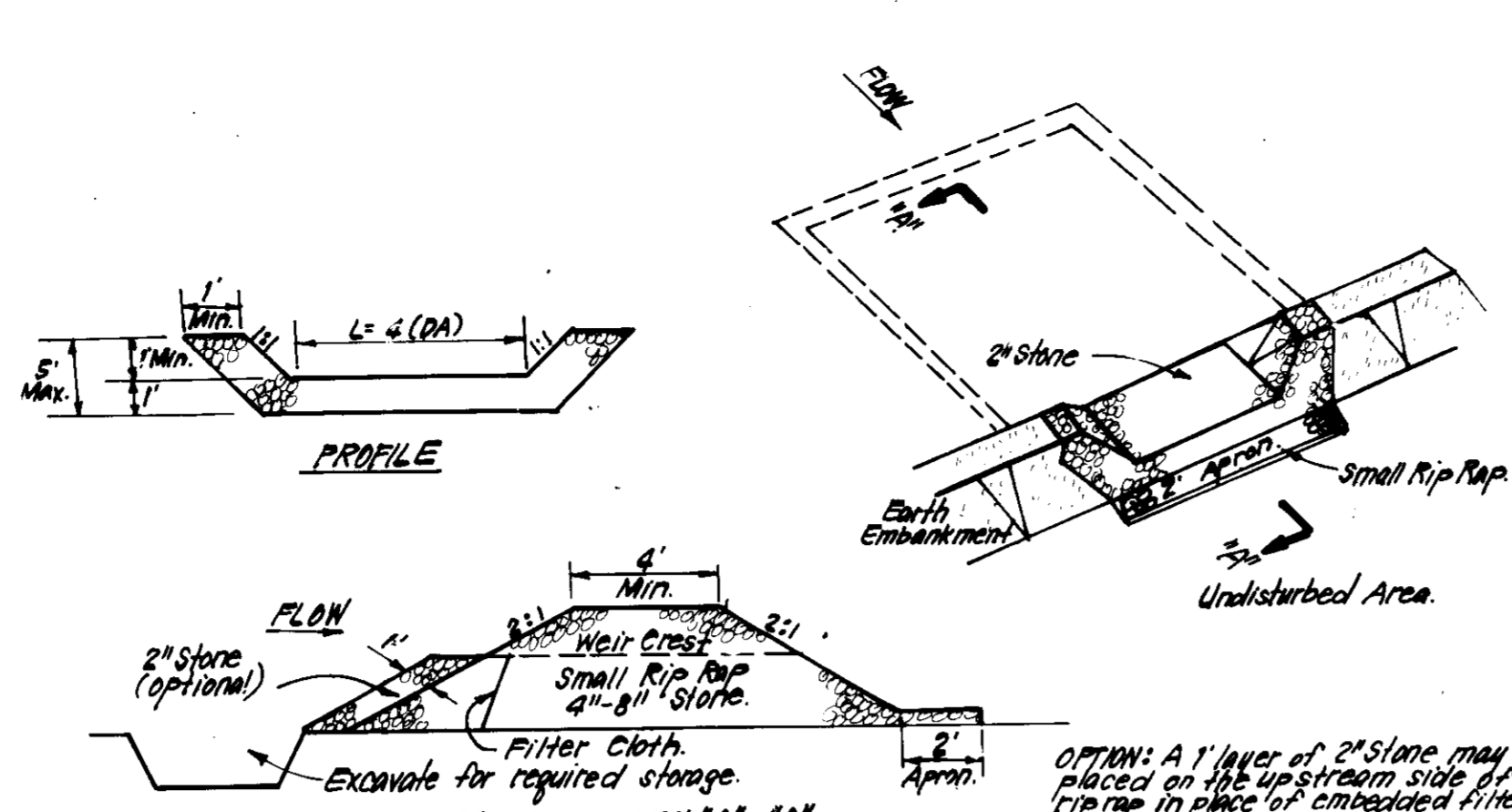
NOTE: Delay construction on lot 319 until trap No 4 is removed and permission is given by the sediment control inspector



SECTION 2.01 - EROSION CONTROL

- 1) 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. (992-2437)
- 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- 3) Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- 4) All sediment traps/basins 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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 51) sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 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:

Total Area of Site	1371 Acres
Area Disturbed	1057 Acres
Area to be roofed or paved	300 Acres
Area to be vegetatively stabilized	757 Acres
Total Cut	14440 Cu. yds
Total Fill	8560 Cu. yds
Offsite waste/borrow area location	undetermined



CONSTRUCTION SPECIFICATIONS:

1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of rocks and other woody vegetation as well as over-sized stones, roots, organic material or other objectionable material. The embankment shall be compacted by tamping with equipment or while it is being constructed.
3. All cut and fill slopes shall be 2:1 or flatter.
4. The stone used in the outlet shall be small rip rap 4-8" along with 1" thickness of 2" aggregate placed on the up-grade side on the small rip rap or embedded filter cloth. In the rip rap, the rip rap shall be accumulated to the design depth of the trap.
5. Sediment shall be removed and rip rap restored to its original dimensions when the sediment has accumulated to the design depth of the trap.
6. The structure shall be inspected after each rain and repairs made as needed.
7. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP (S.O.ST.) ST.V.
NO SCALE

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed 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

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 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 time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 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 (.05 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 of 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 rotted 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

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

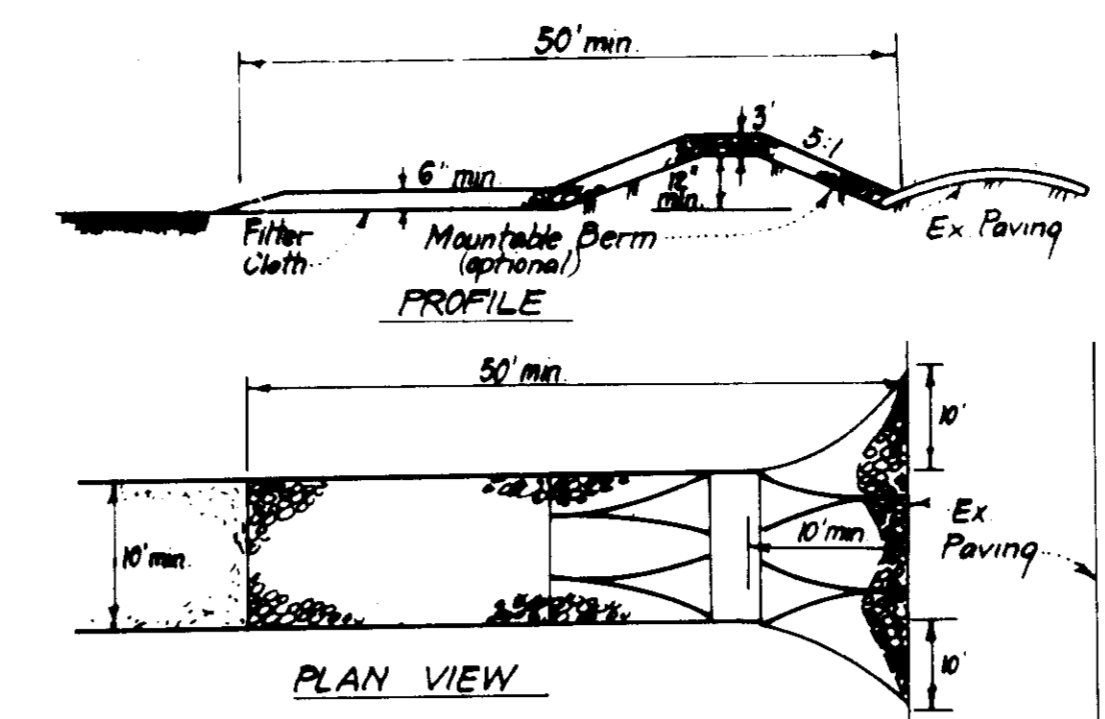
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened.

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 rye (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of 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 rotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

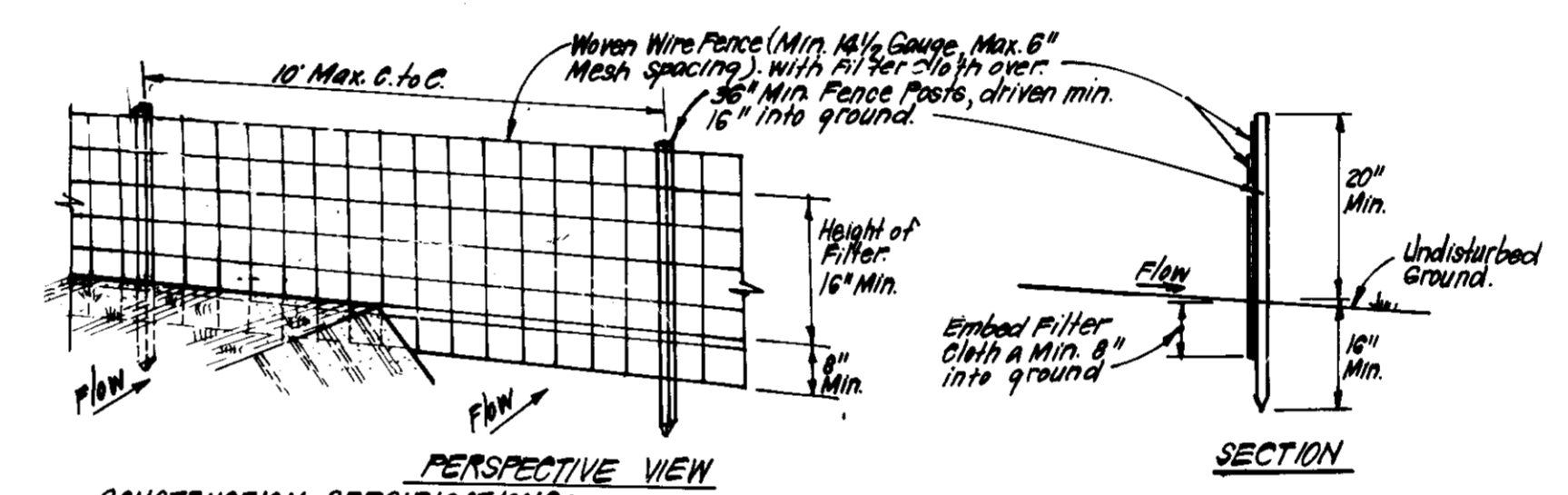
Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not cover.



CONSTRUCTION SPECIFICATIONS:

1. Stone size - Use 2" stone, or reclaimed or recycled concrete equivalent.
2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
3. Thickness - Not less than six (6) inches.
4. Width - Ten (10) feet minimum, but not less than the full width at points where ingress or egress occurs.
5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slopes will be permitted.
7. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.
8. Washing - Wheels shall be cleaned to remove sediment prior to entrance onto public rights-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device.
9. Periodic inspection and needed maintenance shall be provided after each rain.

STABILIZED CONSTRUCTION ENTRANCE (SCE)
NO SCALE

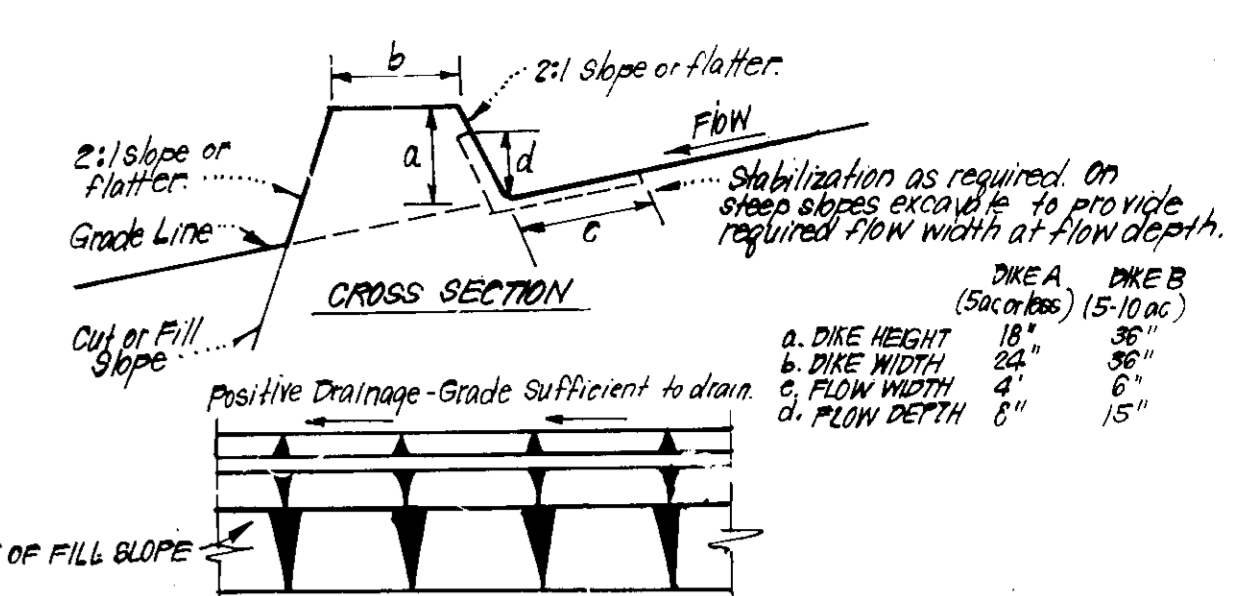


CONSTRUCTION SPECIFICATIONS:

1. Woven wire fence to be fastened securely to fence posts with wire ties or staples.
2. Filter cloth to be fastened securely to woven wire fence with ties spaced every 34" at top and mid section.
3. When 2 sections of filter cloth adjoin each other they shall be overlapped by 6" and stapled.
4. Maintenance shall be performed as needed and material removed when "bulges" develop in Silt Fence.

POSTS: Steel, either T or U Type or 2" Hardwood
FENCE: Woven Wire, 1/4" Mesh, 6" Max. Mesh Opening
FILTER CLOTH: Filter Cloth, Miraflex 100X, Stabilinks, TIRON or Approved Equal
PREFABRICATED UNIT: Geofab, Envirofence, or Approved Equal

SILT FENCE DETAIL (S)
NO SCALE



CONSTRUCTION SPECIFICATIONS:

1. All dikes shall be compacted by earth-moving equipment.
2. All dikes shall have positive drainage to an outlet.
3. Top width may be wider and side slopes may be flatter if desired to facilitate crossing by construction vehicles.
4. Field location should be adjusted as needed to utilize a stabilized safe outlet.
5. Earth dikes shall have an outlet that functions with a minimum of erosion. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin where either the dike channel or the drainage area above the dike are not adequately stabilized.
6. Stabilization shall be: (A) in accordance with standard specifications for seed and straw mulch or straw mulch if not in seeding season, (B) flow channel as per chart below.

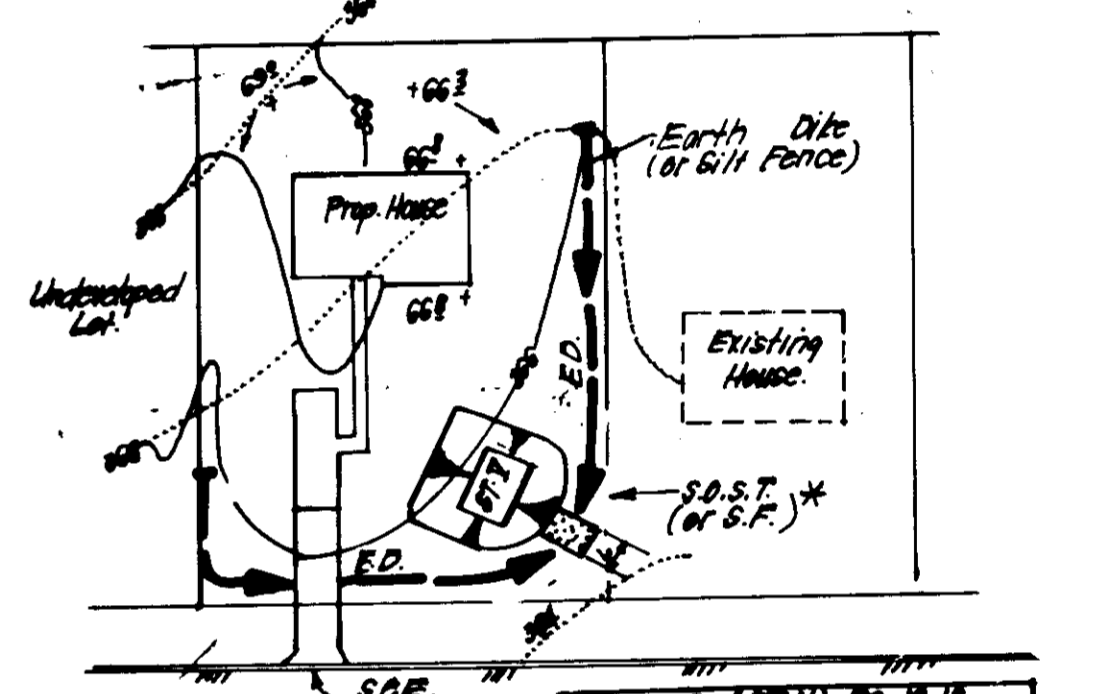
FLOW CHANNEL STABILIZATION

TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1.	0.5 - 3.0%	Seed & Straw Mulch	Seed or Straw Mulch
2.	3.1 - 5.0%	Seed & Straw Mulch	Seed w/straw, or Excelsior; Sod, 2" Stone
3.	5.1 - 8.0%	Seed w/straw or Sod; 2" Stone	Lined Rip Rap 4-8" Stone
4.	8.1 - 20.0%	Lined Rip Rap 4-8" Stone	Engineering Design

A. Stone to be 2" Stone, or recycled concrete equivalent, in a layer at least 3" thick and be pressed into soil with construction equipment.
B. Rip Rap to be 4-8" in a layer at least 8" thick, pressed into soil.
C. Approved equivalents can be substituted for any of the above materials.

7. Periodic inspection and required maintenance must be provided after each rain.

EARTH DIKE DETAIL (E.D.)
NO SCALE



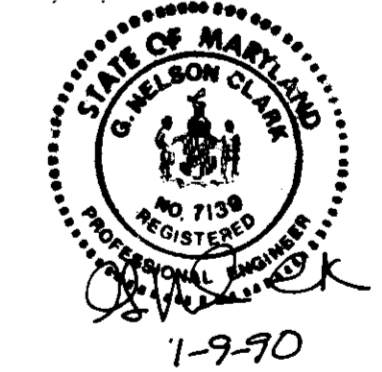
* NOTE: Single lot detail can not be utilized if any two lots sharing common property lines are to be disturbed at the same time or on any lots showing a sediment trap.

NO.	DESCRIPTION	DATE	BY
1	DESIGNED	1/15/90	CLARK
2	DRAWN	1/15/90	CLARK
3	CHECKED	1/15/90	CLARK
4	DATE	1/15/90	CLARK

SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE

PROPOSER'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.



G. Nelson Clark
Date: 1-9-90

DEVELOPER'S/BUILDER'S CERTIFICATE

"We certify that all development and construction will be done according to this 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 Natural Resources 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."

Christine A. Richards
Signature of Developer/Builder
Date: 1/15/90

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

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

DESIGNED: KIWM
DRAWN: BAL
CHECKED: KIWM
DATE: JAN. 1989

SEDIMENT & EROSION CONTROL PLAN
LOTS 316 - 321, 323 - 332, 332 - 346 and 348-355

TURF VALLEY OVERLOOK
SECTION 2 AREA 2
SECOND ELECTION DISTRICT
HOWARD COUNTY MARYLAND

FOR: PEDDICORD PROPERTY PART, INC.
8307 Main Street, Tiber Place
Ellicott City, Maryland 21043

SCALE: AS SHOWN
DRAWING: 7 OF 7
JOB NO.: 89-157
FILE NO.: 89-157SE

SDP-90-136

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

3/21/91
DATE

APPROVED: HOWARD COUNTY DEPT. OF PLANNING & ZONING

3/28/91
DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

3/14/91
DATE

3-14-91
DATE

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

3/6/91
DATE

U.S. Soil Conservation Service

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

Approved: 3/6/91
Date