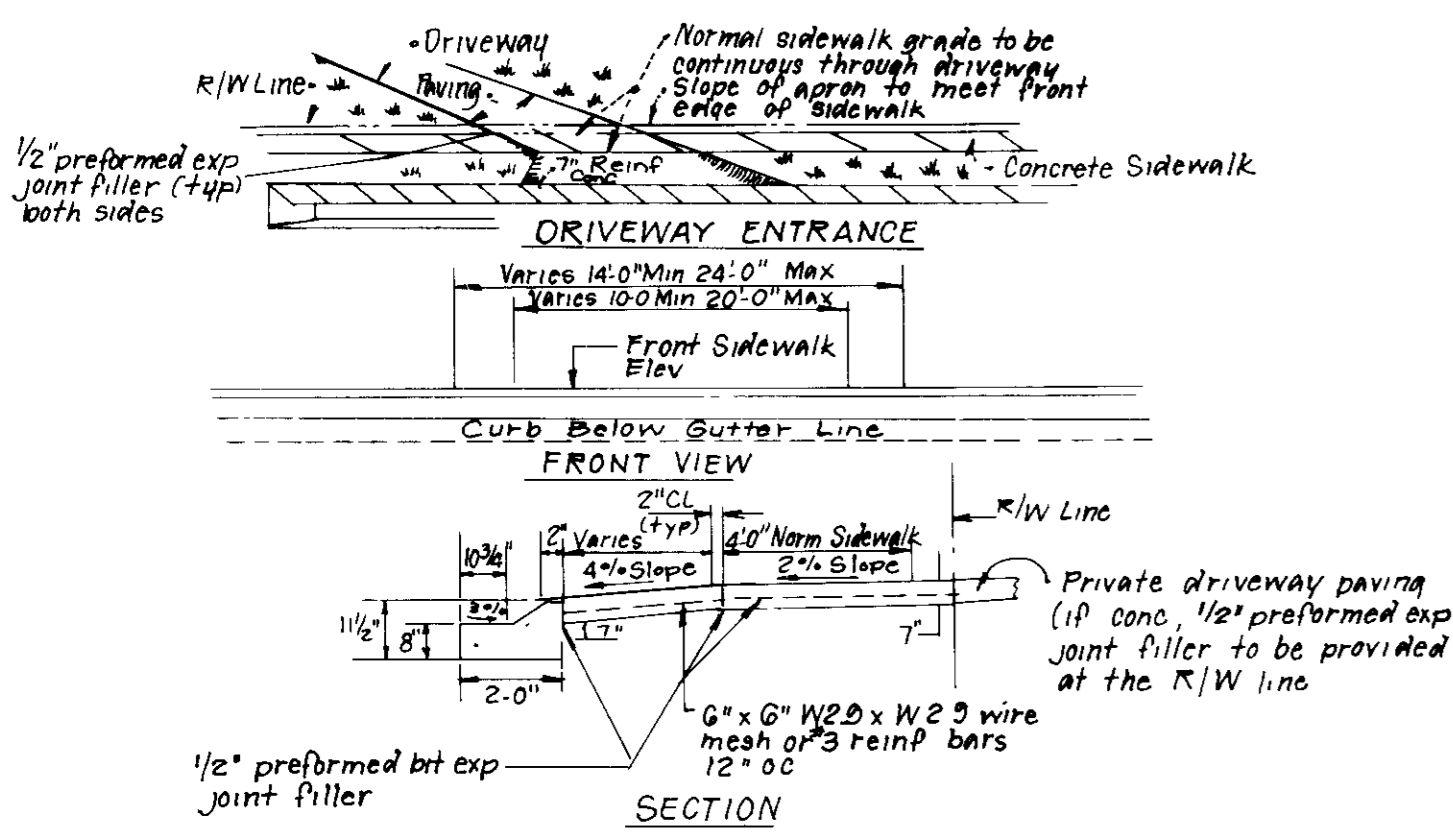


Lot No	Gross Area	Minus Area	Minus Pipe Area	Ex Steep Slope Area to Remain Undisturbed	Net Lot Area	Created Steep Slope	Plus up to 10% Allowable Min Lot Size Credit for Created Steep Slope	Min Lot Size
12	11,871	0	0	0	11,871	2124	212	9,525
13	11,274	0	0	0	11,274	2844	284	8,714
14	11,114	0	0	0	11,114	2808	281	8,587
15	11,374	0	0	0	11,374	2316	232	8,750
16	11,321	0	0	0	11,321	3348	335	8,508
17	10,085	0	0	0	10,085	1404	140	8,821
19	11,120	0	1,900	0	9,220	0	0	9,220



DRIVEWAY ABUTTING CLOSED GUTTER MODIFIED COMB. CURB & GUTTER & SIDEWALK.

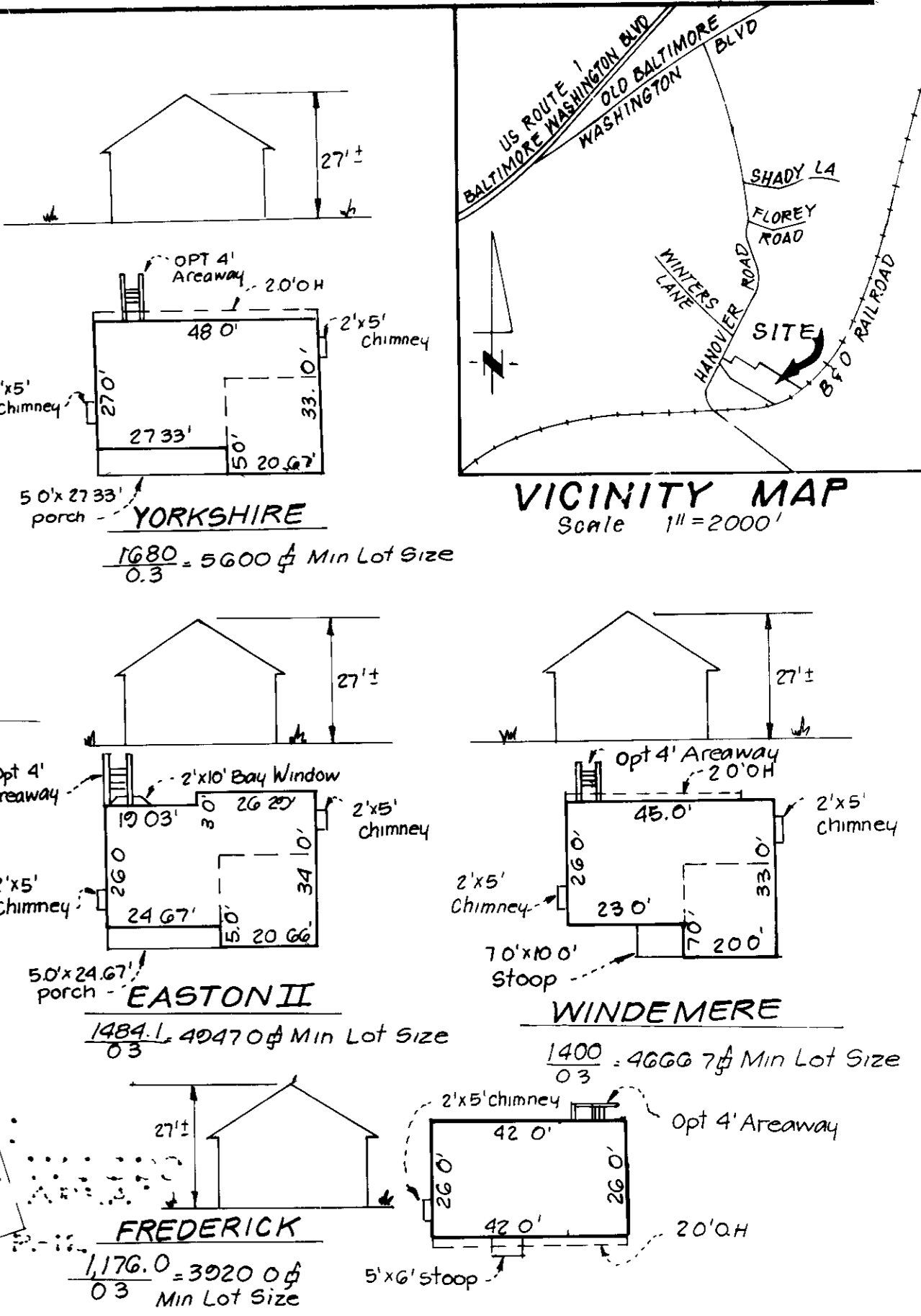
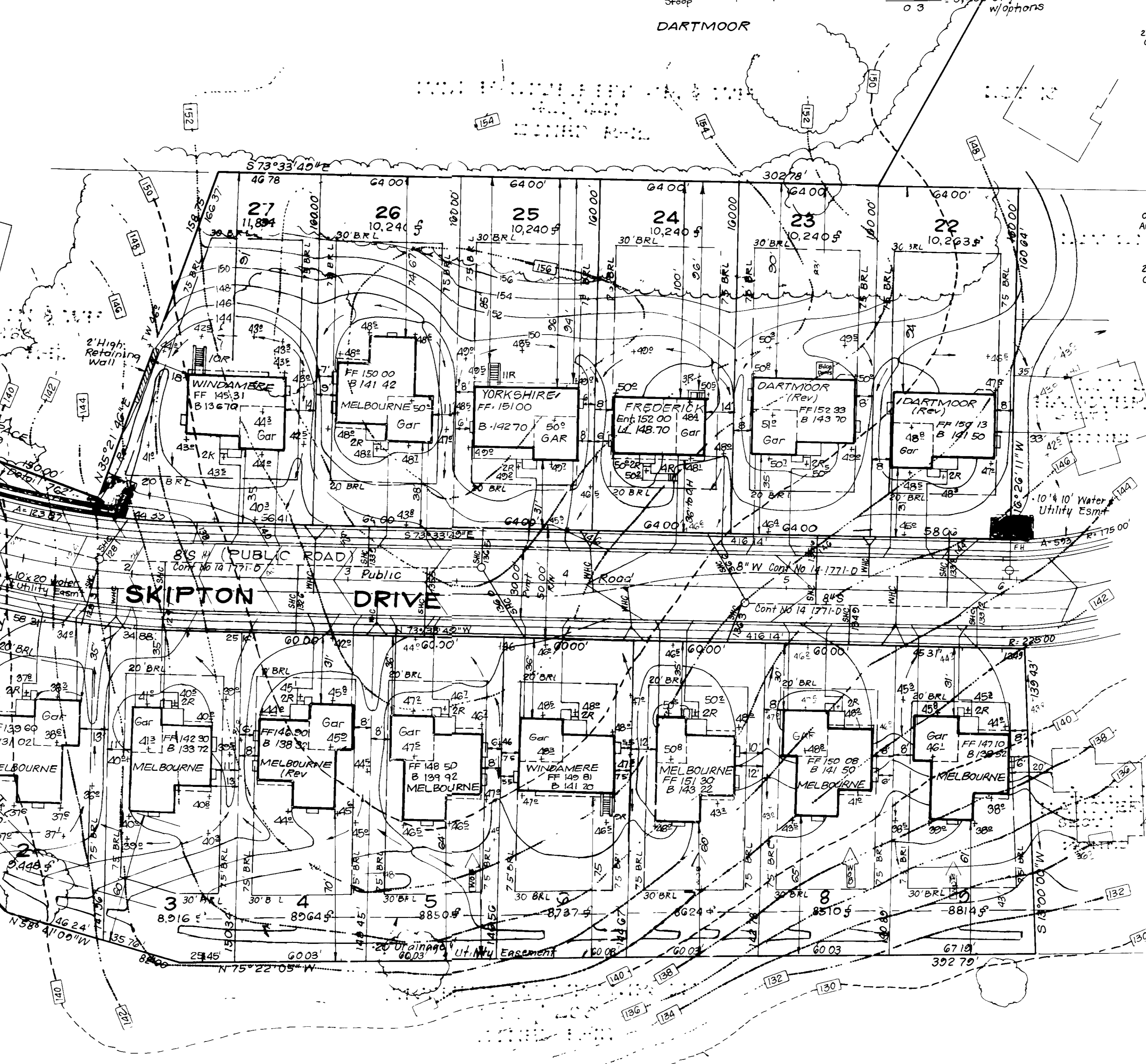
#1770/LINDEN
2 STORY
1117 = 3,723.3
0.3 MIN LOT SIZE
1421 = 4,970.0
0.3 MIN LOT SIZE WITH DECK

#1512/CARLTON
SPLIT LEVEL W/WOB
1582.6 = 5,275.3
0.3 MIN LOT SIZE
2227.9 = 7,426.23
0.3 MIN LOT SIZE WITH DECK

#1525/MELBOURNE
2 STORY
1- Car Garage
1216.0 = 4,053.33
0.3 Lot Size

LEGEND

1 CONTOUR INTERVAL	2 FT
2 EXISTING CONTOUR	410
3 PROPOSED CONTOUR	410
4 SPOT ELEVATION	410.5
5 DIRECTION OF DRAINAGE	
6 EXISTING TREES TO BE SAVED	
7 WALKOUT BASEMENT	



- GENERAL NOTES**
- SUBJECT PROPERTY IS ZONED R-12 PER 8-2-85 COMPREHENSIVE ZONING PLAN
 - THE COORDINATES SHOWN HEREON ARE BASED ON THE MARYLAND STATE GRID SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS N°S 2447002 & N° 2447003
 - ALL ROADWAYS ARE PUBLIC AND EXISTING
 - TOTAL AREA INCLUDED IN THIS PLAN: 6038 AC
 - ANY DAMAGE TO COUNTY OWNED RIGHTS-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE
 - TOTAL NUMBER OF LOTS IN THIS PLAN: 26
 - STORM WATER MANAGEMENT FOR THIS PROJECT IS PROVIDED BY F-88-170
 - LOT COVERAGE: 30%
 - SEE OFFICE OF PLANNING & ZONING FILE N°S 88-90, P 87-33-F 88-170
 - Storm Water Management provided in Central Facility, F-88-170

- SPECIAL NOTES**
- APPROVED ROAD CONSTRUCTION PLANS SHALL BE USED FOR ALL PUBLIC UTILITIES
 - PUBLIC WATER & SEWER, SHOWN FOR REFERENCE ONLY FOR MORE DETAILED INFORMATION SEE WATER & SEWER PLANS CONTRACT N° 14-1771-D
 - THE WATER & SEWER HOUSE CONNECTIONS NOT INCLUDED IN A DEVELOPER'S AGREEMENT SHALL CONFORM HOWARD COUNTY PLUMBING CODE. THE ON-SITE WHO SHALL BE 1" COPPER AND THE SHC SHALL BE 4" IRON
 - This property is located in the Airport Noise Zone and was approved for subdivision pursuant to CoMar, Article - Transportation 5-822 as evidenced by AZPA No 198. Future residential construction will require approval from the BAZA prior to issuance of building permit.

ADDRESS CHART

LOT NO	STREET ADDRESS	REVISIONS	Date
10	Rev hse & grad lots 6 and 21		10 27 92
9	Rev hse & grad lot 3		5 28 92
8	Rev hse & grad lots 22 & 23		4 13 92
7	Rev hse & grad lots 6 & 8		3 17 92
6	Rev hse & grad lots 4 & 24		2 26 92
5	Revise house and grade lot 9		2 3 92
4	Rev hse & grad lots 6 & 27		1 3 92
3	Revise hse & grad lot 5 from 1512 to Melbourne, lot 7 from 1525 to Melbourne, lot 22 from 1512 to Yorkshire, lot 26 from 1512 to Melbourne		12 5 91
2	Rev hse & grad Lots 9, 24 & 25		11-26-91
1	Revise house and grade lot 2		8 12 91

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 11-12-90

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 12/2/90

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 10/31/90

LEGEND

1 CONTOUR INTERVAL	2 FT
2 EXISTING CONTOUR	410
3 PROPOSED CONTOUR	410
4 SPOT ELEVATION	410.5
5 DIRECTION OF DRAINAGE	
6 EXISTING TREES TO BE SAVED	
7 WALKOUT BASEMENT	

BUILDING RESTRICTION LINES
FRONT - 20' UNLESS OTHERWISE SHOWN
SIDES 7.5'
REAR 30'

REVISIONS

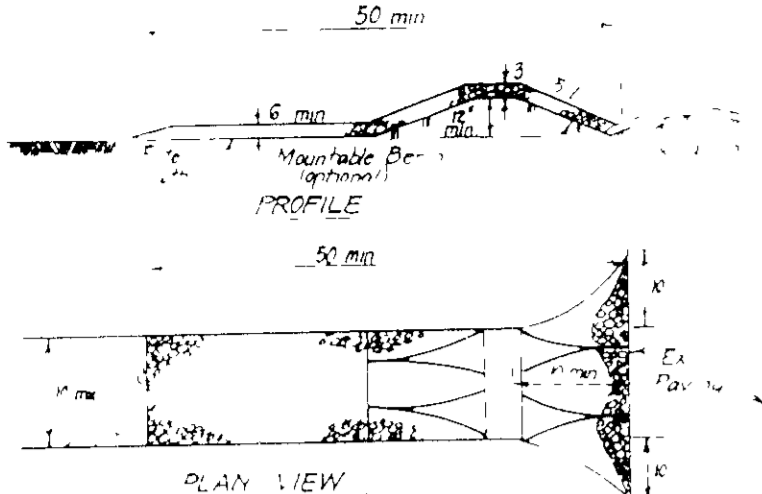
NO	REVISIONS	Date
10	Rev hse & grad lots 6 and 21	10 27 92
9	Rev hse & grad lot 3	5 28 92
8	Rev hse & grad lots 22 & 23	4 13 92
7	Rev hse & grad lots 6 & 8	3 17 92
6	Rev hse & grad lots 4 & 24	2 26 92
5	Revise house and grade lot 9	2 3 92
4	Rev hse & grad lots 6 & 27	1 3 92
3	Revise hse & grad lot 5 from 1512 to Melbourne, lot 7 from 1525 to Melbourne, lot 22 from 1512 to Yorkshire, lot 26 from 1512 to Melbourne	12 5 91
2	Rev hse & grad Lots 9, 24 & 25	11-26-91
1	Revise house and grade lot 2	8 12 91

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

SITE DEVELOPMENT PLAN
LOTS 2-27
HANOVER WOODS
SECTION 1 AREA 1
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

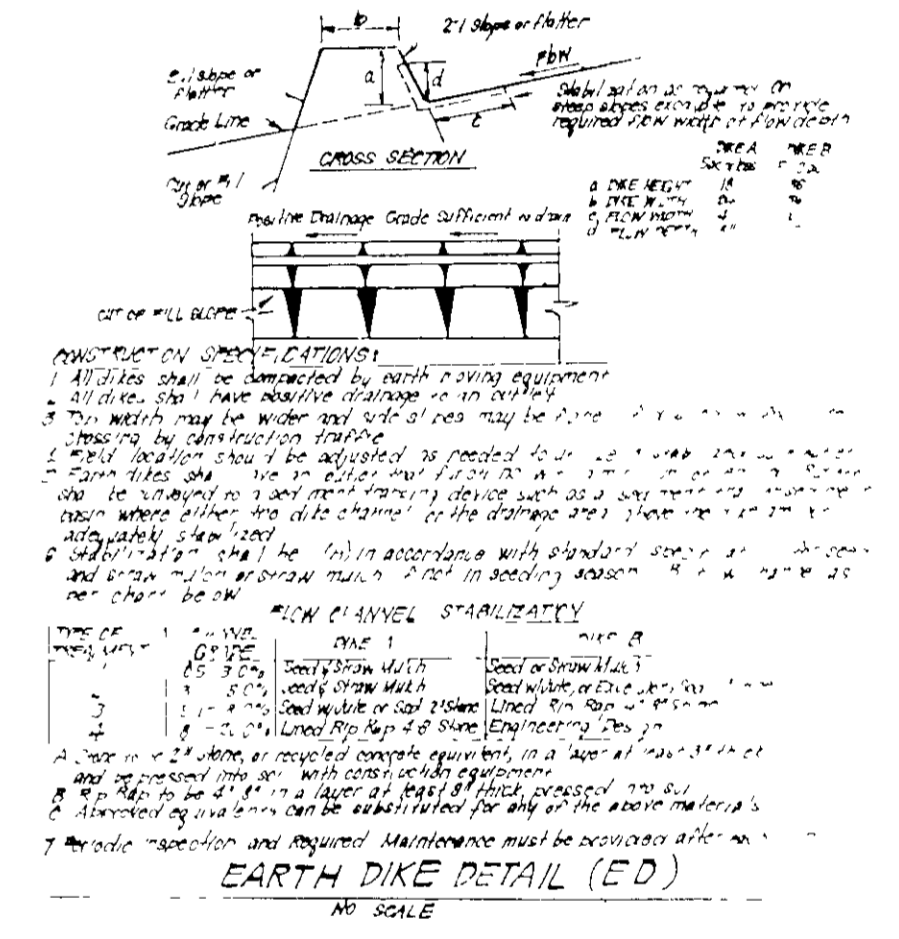
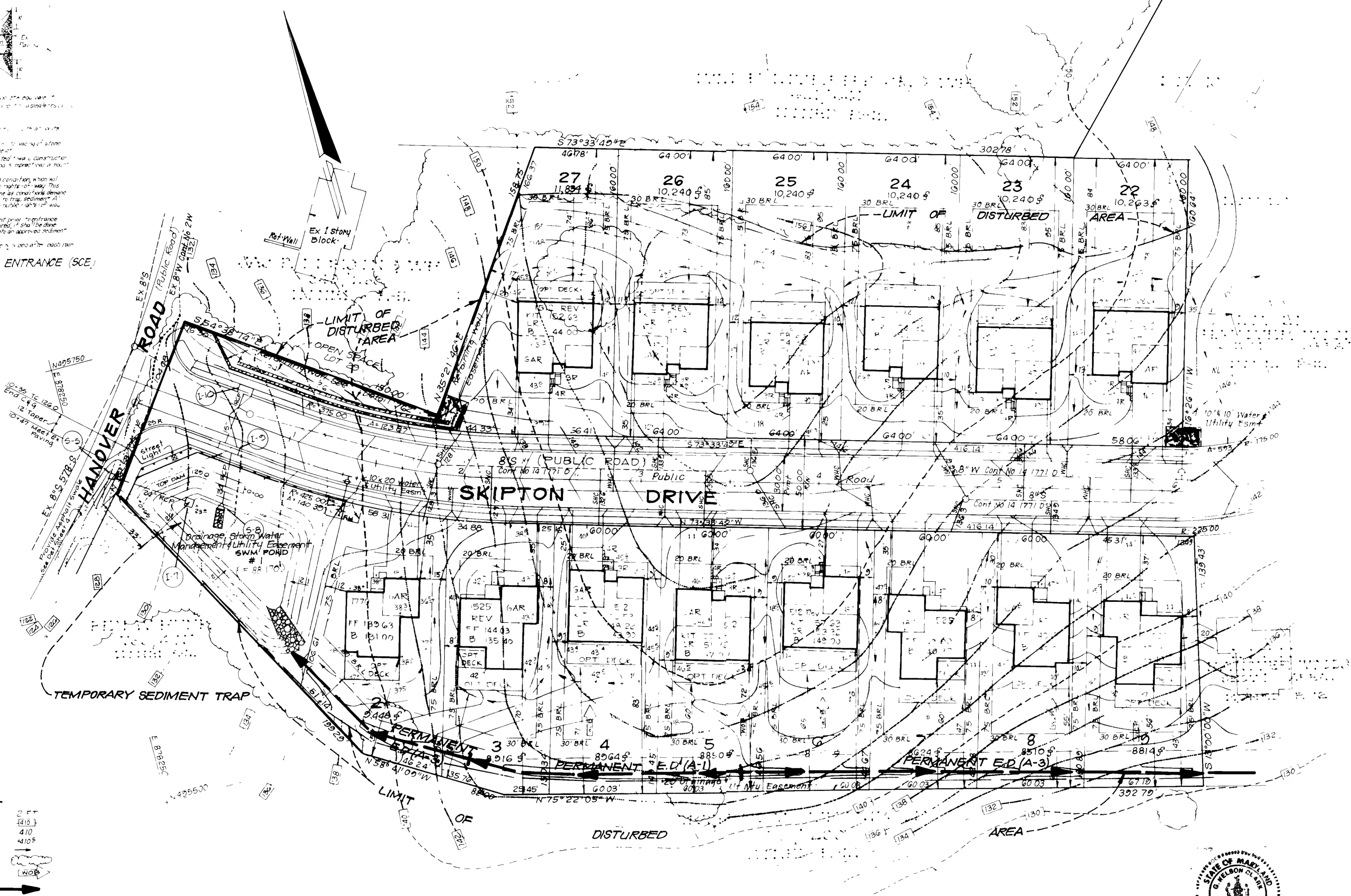
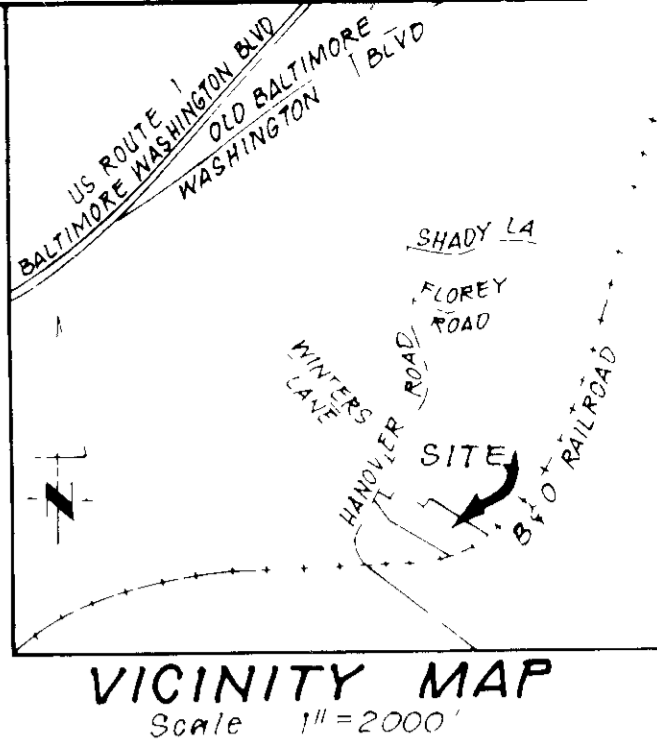
FOR BLAKE BUILDERS, INC
7135 MINSTREL WAY
COLUMBIA, MARYLAND 21045

SCALE 1" = 30'
DRAWING 1 OF 4
JOB NO 87-131
FILE NO 87-131-X



- CONSTRUCTION SPECIFICATIONS**
1. Slope shall be 2:1 unless otherwise specified.
 2. Length of dike shall be 100' minimum.
 3. Top width shall be 4' minimum.
 4. Bottom width shall be 4' minimum.
 5. The dike shall be constructed of compacted earth.
 6. The dike shall be constructed of compacted earth.
 7. The dike shall be constructed of compacted earth.
 8. The dike shall be constructed of compacted earth.
 9. The dike shall be constructed of compacted earth.

STABILIZED CONSTRUCTION ENTRANCE (SCE)



LEGEND

- 1 CONTOUR INTERVAL 2 FT
- 2 EXISTING CONTOUR 410'
- 3 PROPOSED CONTOUR 410'
- 4 SPOT ELEVATION 410'
- 5 DIRECTION OF DRAINAGE
- 6 EXISTING TREES TO BE SAVED
- 7 WALKOUT BASEMENT
- 8 Earth Dike E.D.(A-1)
- 9 Stabilized Construction Entrance SCE

NOTE: All Sediment Controls shown as existing were taken from road construction plans F-88-170

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

[Signature] 11-12-90
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

[Signature] 12/2/90
DATE

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

[Signature] 10/31/90
DATE

Reviewed for **HOWARD** SCD
Name
and meets Technical Requirements
[Signature] Date 9/24/90
Signature Date
U.S. Soil Conservation Service

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

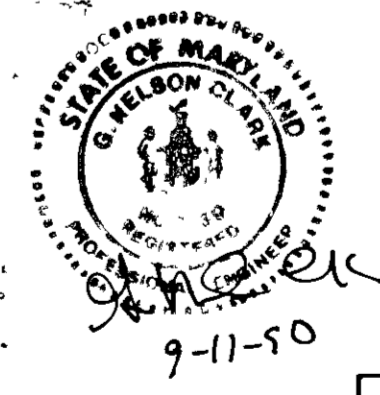
[Signature] 9/24/90
Approved Date

BUILDING RESTRICTION LINES
FRONT - 20' UNLESS OTHERWISE SHOWN
SIDES 7.5'
REAR 30'

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 Sedimentation and Erosion Control beginning the project. I also authorize the Department of Natural Resources to inspect the project and to take any action deemed necessary.

[Signature] 9/10/90
Date



[Signature] 9-11-90
G. Nelson Clark Date

CLARK • FINEFROCK & SACKETT, INC
ENGINEERS • PLANNERS • SURVEYORS
7135 MINSTREL WAY • COLUMBIA MD 21045 • (301) 381-7500 BALTO • (301) 411-1100 WASH

DESIGNED KIWM **SEDIMENT & EROSION CONTROL PLAN** SCALE 1"=30'
LOTS 2-27 DRAWING 3 OF 4

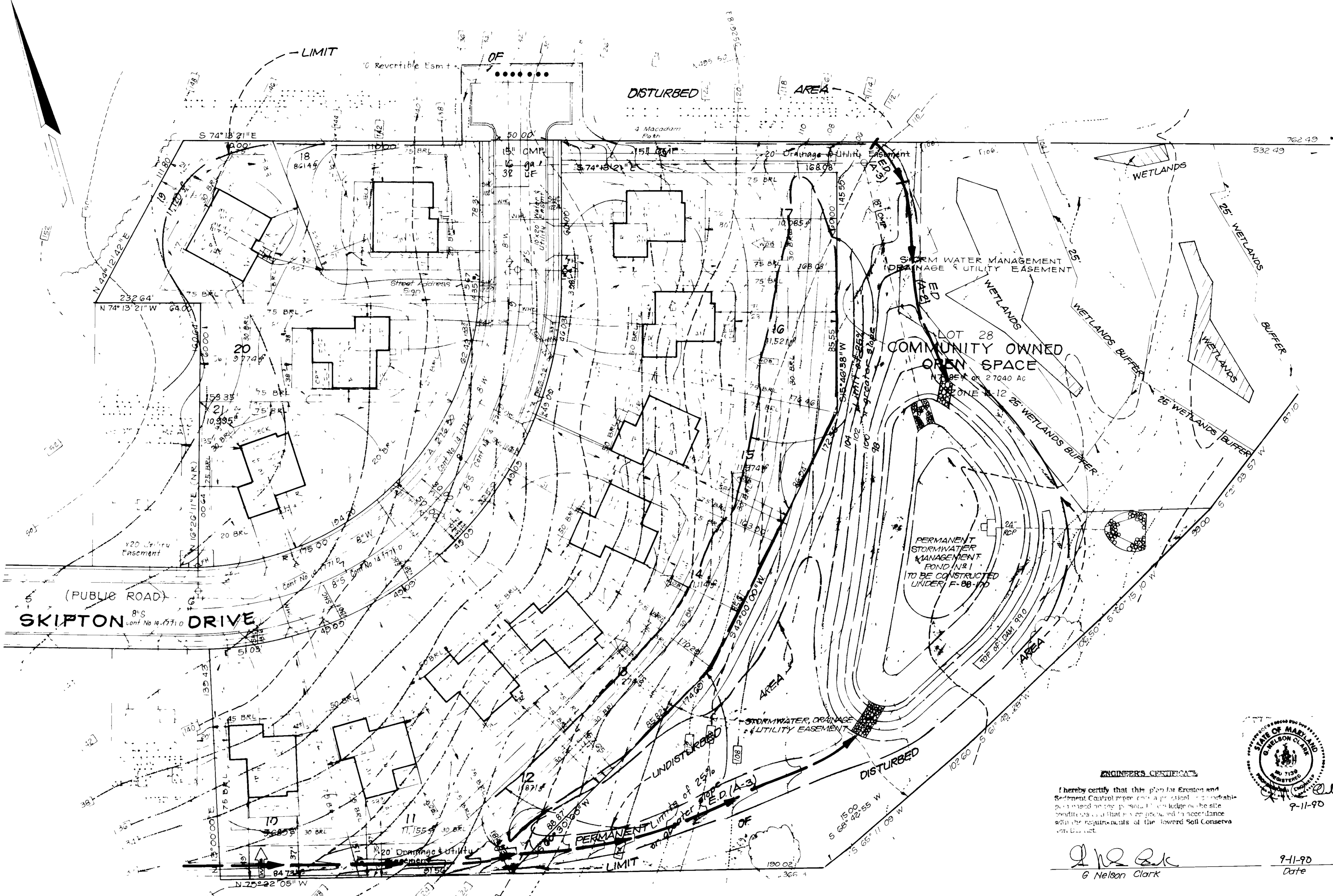
DRAWN BAL **HANOVER WOODS** JOB NO 87-131
CHECKED KIWM SECTION 1 AREA 1
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND FILE NO 87-131-SE

DATE FOR **BLAKE BUILDERS INC** 7135 MINSTREL WAY COLUMBIA, MARYLAND 21045
MAY, 1990

SDP-88-212

SEDIMENT CONTROL NOTES

- 1) A permit for 24-hour construction shall be issued by the Howard County Department of Public Works and Permits, 10000 Rockville Pike, Gaithersburg, MD 20878.
- 2) All construction shall be in accordance with the approved plan and specifications for 5011.
- 3) All construction shall be in accordance with the approved plan and specifications for 5011.
- 4) All construction shall be in accordance with the approved plan and specifications for 5011.
- 5) All construction shall be in accordance with the approved plan and specifications for 5011.
- 6) All construction shall be in accordance with the approved plan and specifications for 5011.
- 7) All construction shall be in accordance with the approved plan and specifications for 5011.
- 8) All construction shall be in accordance with the approved plan and specifications for 5011.
- 9) All construction shall be in accordance with the approved plan and specifications for 5011.
- 10) All construction shall be in accordance with the approved plan and specifications for 5011.
- 11) All construction shall be in accordance with the approved plan and specifications for 5011.
- 12) All construction shall be in accordance with the approved plan and specifications for 5011.
- 13) All construction shall be in accordance with the approved plan and specifications for 5011.



Apply to grade or cleared areas not subject to immediate further disturbance where a permanent vegetative cover is needed.

Soil Preparation - Loosen upper three inches of soil by raking, digging or other acceptable means before seeding, if not previously exposed.

Soil Amendment - 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 400 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 urea-form fertilizer (9 lbs/1000 sq ft).
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 400 lbs per acre 10-10-10 fertilizer (14 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 1/2 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 (0.05 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 seed. 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 untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 1.8 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 3 feet or higher, use 3.8 gallons per acre (9 gal/1000 sq ft) for anchoring.

Inspection - Inspect all seeded areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

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

Soil Preparation - Loosen upper three inches of soil by raking, digging or other acceptable means before seeding, if not previously exposed.

Soil Amendment - Apply 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft).

Seeding - For the period March 1 thru April 30 and from August 15 thru November 15, seed with 25 bushel per acre (2 1/2 lbs/1000 sq ft) of annual ryegrass. For the period May 1 thru August 15, seed with 25 bushel per acre of weeping lovegrass (0.07 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 as soon as possible in the spring. Use seed.

Mulching - Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 1.8 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 3 feet or higher, use 3.8 gallons per acre (9 gal/1000 sq ft) for anchoring.

FOR THE BOARD OF WATER AND PUBLIC SEWERAGE SYSTEMS
 HANOVER COUNTY HEALTH DEPARTMENT

John Boyd 11-12-90
 DATE

FOR THE BOARD OF PLANNING & ZONING

James B. Smith 12/7/90
 DATE

FOR THE BOARD OF COMMUNITY PLANNING
 AND DEVELOPMENT

James J. Smith 12/4/90
 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 SYSTEMS AND PUBLIC ROADS
 HANOVER COUNTY DEPARTMENT OF PUBLIC WORKS

James J. Smith 10/31/90
 DATE

William R. Kelly 10/31/90
 DATE

Reviewed for HOWARD SCD
 Name: *James J. Smith* 9/24/90
 Date: 9/24/90

THIS DEVELOPMENT PLAN IS APPROVED
 IN ACCORDANCE WITH THE REQUIREMENTS
 OF THE HOWARD SOIL
 CONSERVATION DISTRICT

John R. Rhoton 9/24/90
 Approved Date

CONSTRUCTION SEQUENCE

Item	No. of Days
1. Obtain grading permit	2
2. Complete items 1-7 as shown in Construction Sequence of F-88-170	0
3. Excavate for foundations	60
4. Construct houses, sidewalks & driveways	350
5. Upon approval of Sediment Control Inspector complete items 8 & 9 as shown in Construction Sequence of F-88-170	74

DEVELOPER'S/BUILDER'S CERTIFICATE

I hereby certify that all developments and construction shown on this plan are in accordance with the plan of development and construction shown on this plan and that all developments and construction shown on this plan are in accordance with the plan of development and construction shown on this plan.

John R. Rhoton 9/10/90
 Date

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

DESIGNED BY: *KLWM*
 DRAWN BY: *BAL*
 CHECKED BY: *KLWM*
 DATE: 11/11/88

SEDIMENT & EROSION CONTROL PLAN
 LOTS 2 - 27
HANOVER WOODS
 SECTION 1 AREA 1
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR BLAKE BUILDERS
 7135 MINSTREL WAY
 COLUMBIA, MARYLAND 21045

SCALE: 1"=30'
 DRAWING: 4 OF 4
 JOB NO: 87131
 FILE NO: 87131-6E

SDP-88-212



ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control meets the requirements of the Maryland Erosion and Sediment Control Act and that the construction shown on this plan is in accordance with the plan of development and construction shown on this plan.

G. Nelson Clark 9-11-90
 Date