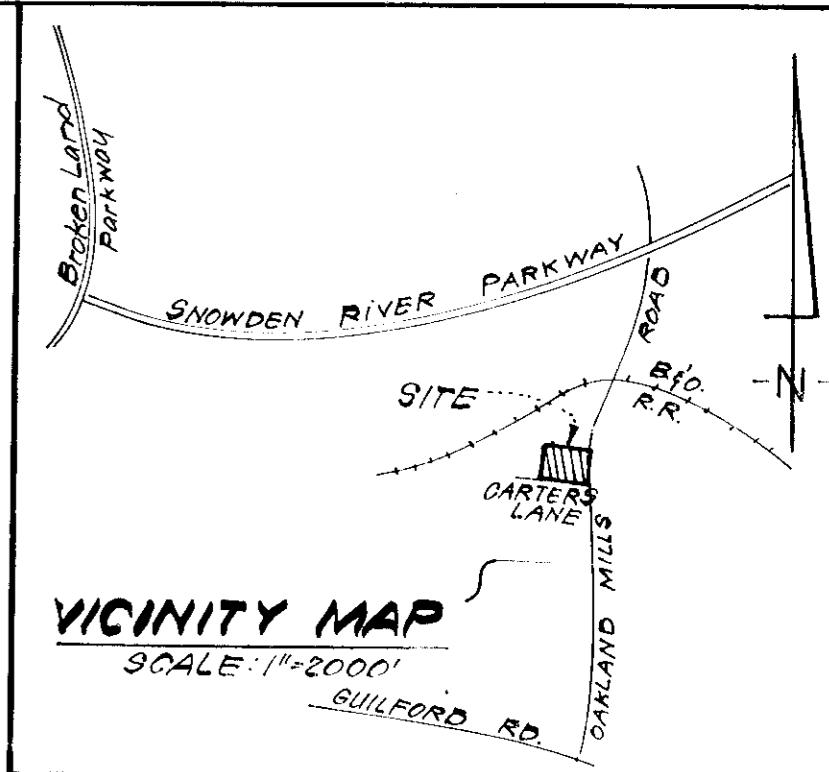


LANDSCAPE BUFFER

- ① Acer Rubrum - Red Maple 2 1/2" cal. min B&B
- ② Pinus Strobus - White Pine 2 1/2" cal. 6-8' ht. B&B

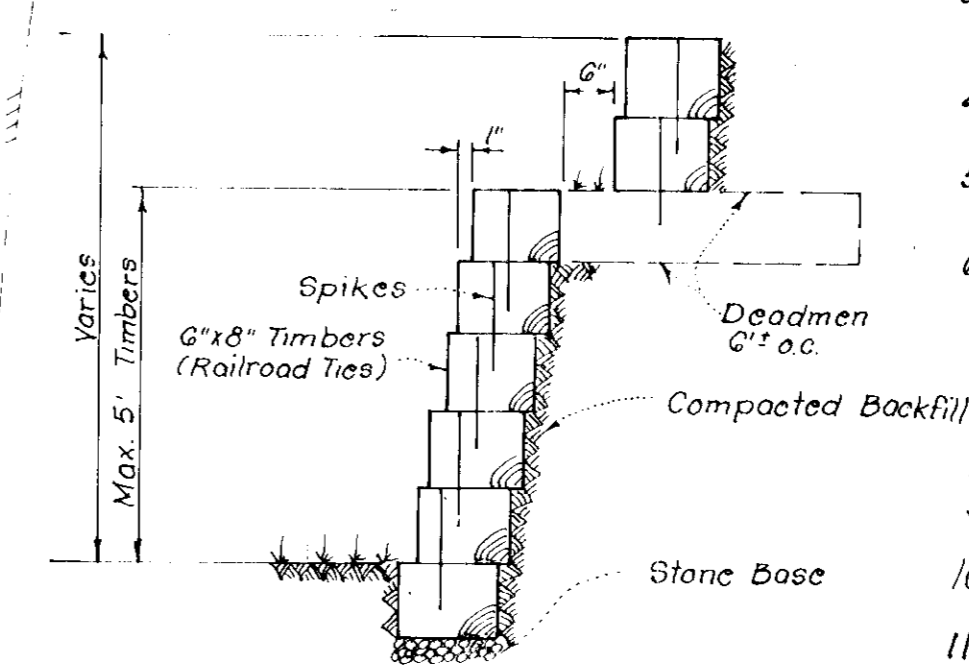
LEGEND:

- 1. Contour Interval 2'±
- 2. Existing Contour
- 3. Proposed Contour 380
- 4. Spot Elevation +80±
- 5. Direction of Drainage
- 6. Existing Trees to be retained
- 7. Retaining Wall
- 8. Building Restriction Line D.R.L.

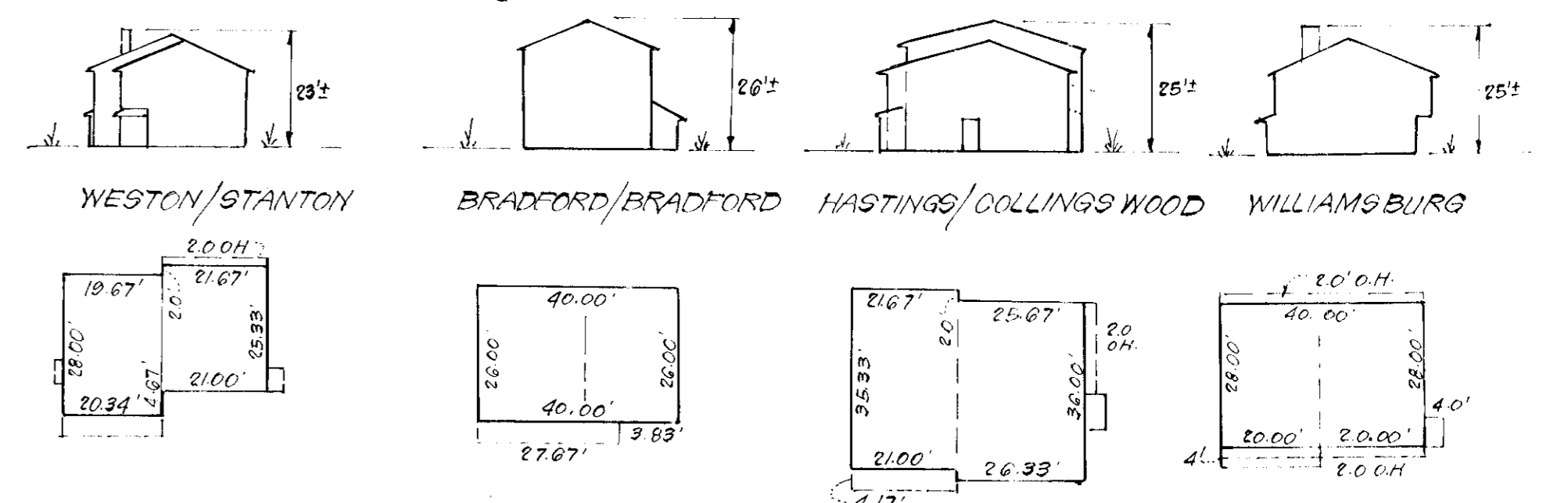


GENERAL NOTES:

1. The land included in this plan is zoned RA-1.
2. The coordinates shown hereon are based on Maryland State Plane Coordinate System, Howard County Bench Marks.
3. The area covered in this submission is located on Tax Map No. 42, Parcel 30.
4. The total area included in this plan is 3.299 Acres (Residential). The total area of Open Space Lot 45 is 0.843 Acres (Open Space).
5. All Road ways are public & existing.
6. Any damage to county owned rights of way shall be corrected at the developer's expense.
7. Total Number of Residential Lots = 44
8. Parking Spaces Required: 2 per unit (88 spaces)
9. Parking Spaces Provided: 2 per unit (88 spaces)
10. Building Coverage: 25,828 sq. ft. = 18%
11. Retaining Walls that create grade difference in excess of 3' shall be properly protected with approved guardrails.



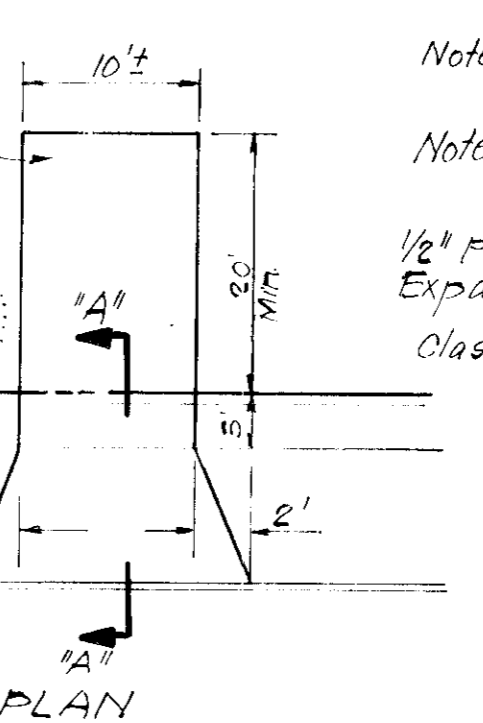
TIMBER RETAINING WALL
No Scale



TYPICAL HOUSES
No Scale

4" Reinforced Class A Concrete Paving (SEE ALTERNATES BELOW)

Front Property Line
4" Sidewalk where shown in plan



DRIVEWAY ABUTTING MODIFIED COMB CURB & GUTTER
No Scale

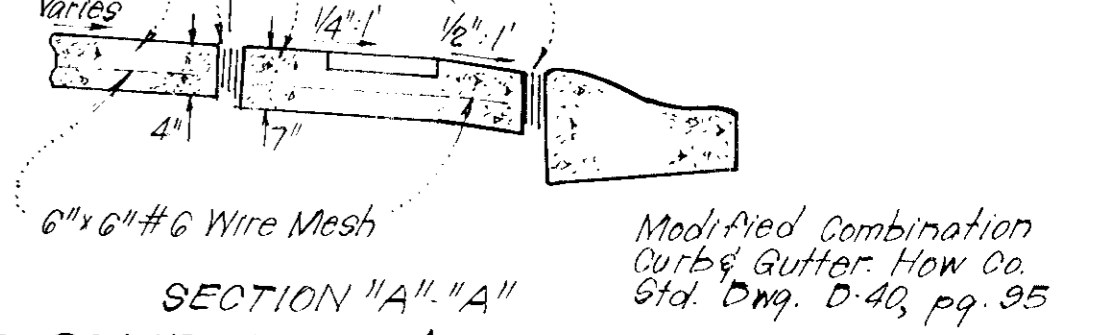
ALTERNATE #1
1" Bit Conc. Surface
2" Bit Conc. Base
6" Gravel

ALTERNATE #2
1" Bit Conc. Surface
4" Bit Conc. Base

ALTERNATE #3
1" Bit Conc. Surface
3" Bit Conc. Base
3" Gravel

Note: Use Residential Driveway Entrance, How Co. Std. Dwg. D-34, pg. 80 except where driveway abuts Modified Comb. Curb & Gutter.
Note: Materials and Construction shall be in accordance with How Co. Road Constr. Code.

1/2" Pre-Formed Bituminous Expansion Joint Filler
Class A Concrete
1/2" Pre-Formed Bituminous Expansion Joint Filler
Class A Concrete



SECTION "A-A"
Modified Combination Curb & Gutter, How Co. Std. Dwg. D-46, pg. 95

FLAT REFERENCE: 4502

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	DATE
<i>Joseph Boylan</i>	3-7-90
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING	DATE
PLANNING DIRECTOR	DATE
CHIEF DIVISION OF LAND DEVELOPMENT	DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	DATE
DIRECTOR	DATE
CHIEF BUREAU OF ENGINEERING	DATE

R.S. CARTER et al.

10-30-79

Donald P. Sackett

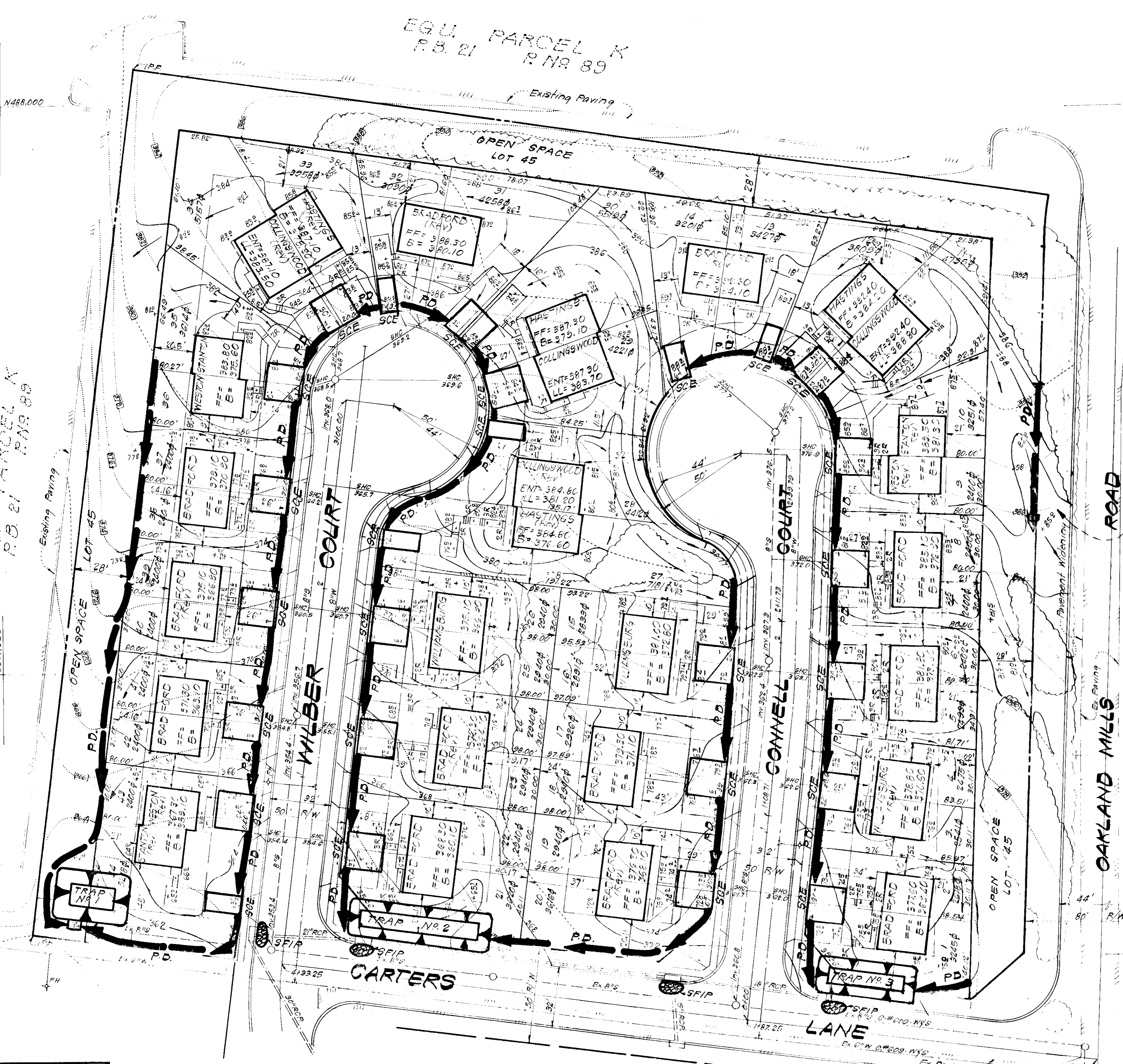
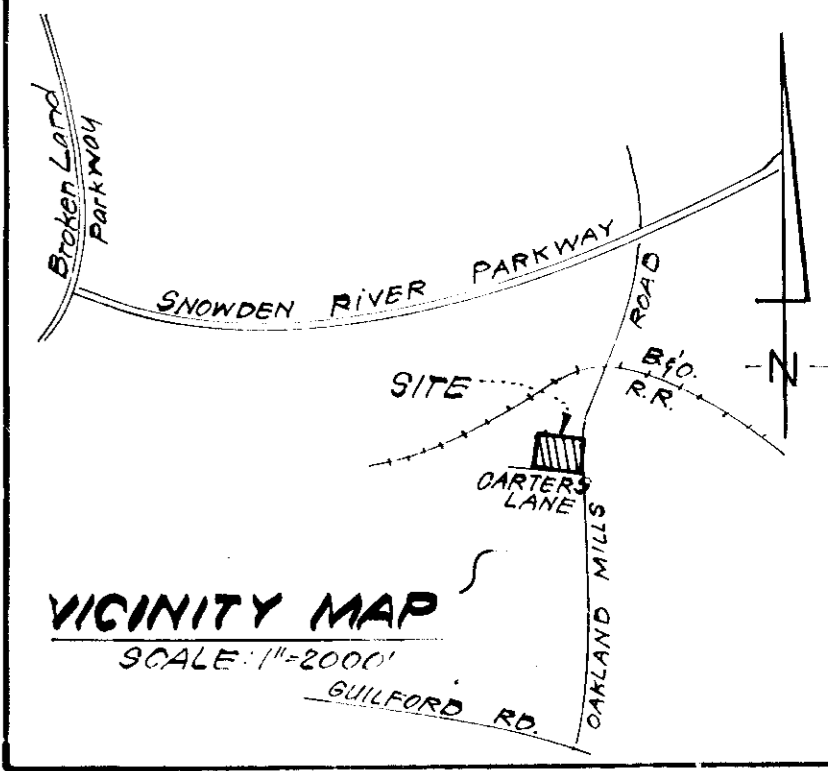
CLARK • FINEPROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400

DESIGNED	JME	SITE DEVELOPMENT PLAN LOTS 1 THRU 45	SCALE	1"=30'
DRAWN	K.I.W.	GUILFORD SQUARE	DRAWING	1043
CHECKED	JME	6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.	79-001
DATE	Sept, 1979	FOR: THE RYLAND GROUP (DBI, DIV.) Suite 800 V.O.M. Office Bldg. Columbia, Md. 21044	FILE NO.	79-001-X

SDP-80-52

LEGEND:

1. Contour Interval 2 FT.
2. Existing Contour 380
3. Proposed Contour 380
4. Spot Elevation + 805
5. Direction of Drainage
6. Existing Trees to be retained
7. Retaining Wall
8. Perimeter Dike
9. Stone Filter Inlet Protection S.F.I.P.
10. Stone Construction Entrance S.C.E.
11. Sediment Trap



Note: All grading in R/W to be stabilized immediately after grading.

Reviewed for... Howard... S.C.D. Name and meets Technical Requirements
 Signature: *James M. ...* Date: 1-22-80
 U.S. Soil Conservation Service

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

William V. ... Approved Date: 1-22-80

DEVELOPER'S CERTIFICATE

I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

L. B. Sargent Date: 11-5-79
 Lowrie B. Sargent

10-30-79
JMM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Jogum Boyles 2-8-80
 DATE
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE
 CHIEF DIVISION OF LAND DEVELOPMENT DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE
 CHIEF BUREAU OF ENGINEERING DATE

TRAP NO 1 - S.I.S.T.
 Drainage Area: 0.9 Acres
 Storage Required: 691800 = 1620 c.f.
 Storage Provided: 1620 c.f.
 Depth: 2'
 Bottom Elevation: 359.0
 Bottom Dimensions: 12'x24'
 Top of Stone Crest: 362.0
 L = 6'

TRAP NO 2 S.I.S.T. *
 Drainage Area: 1.6 Acres
 Storage Required: 16x1800 = 2880 c.f.
 Storage Provided: 3050 c.f.
 Depth: 3'
 Bottom Dimensions: 20'x75'

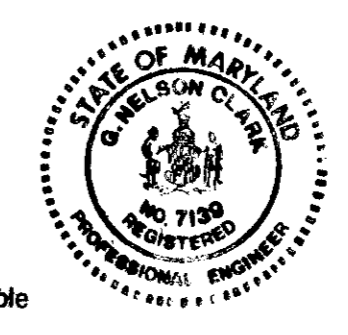
* Clean-Out Ex. Sediment Trap and restore to dimensions shown. (See Previously Approved S&E Control Plan F-80-11.

R.S. CARTER et al.
 W/S
 TRAP NO 3 S.I.S.T. *
 Drainage Area: 1.1 Acres
 Storage Required: 11x1800 = 1980 c.f.
 Storage Provided: 2040 c.f.
 Depth: 3'
 Bottom Dimensions: 52'x20'

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 11-5-79
 G. Nelson Clark Date



PLAT REFERENCE: 4502

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 1105 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	J.L.S.	SCALE	1" = 30'
DRAWN	M.L.W.	DRAWING	2 of 3
CHECKED	J.L.S.	JOB NO.	19-091
DATE	Nov 1979	FILE NO.	79 091 SE

SEDIMENT & EROSION CONTROL PLAN
 LOTS 1 THRU 45

GUILFORD SQUARE

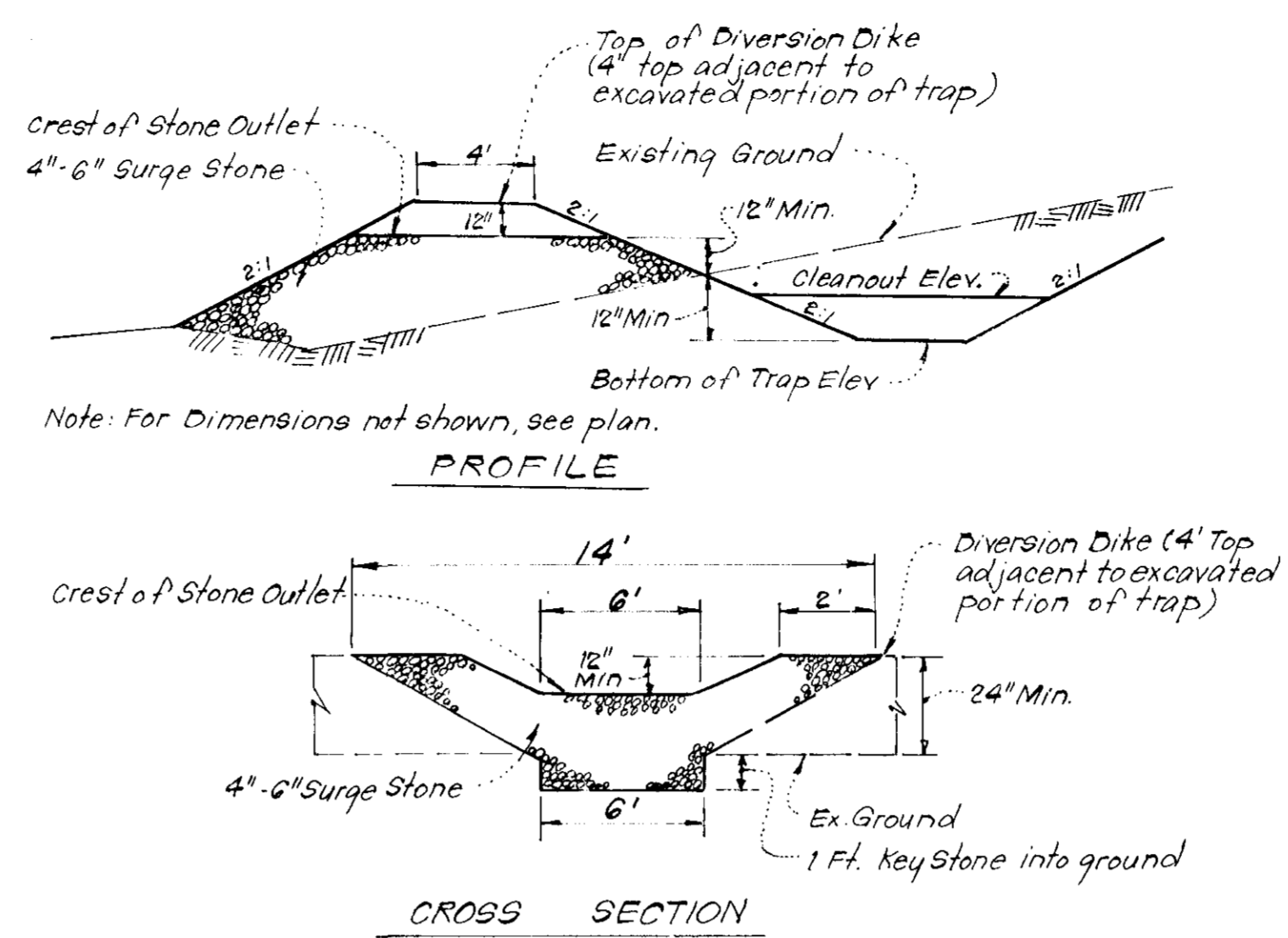
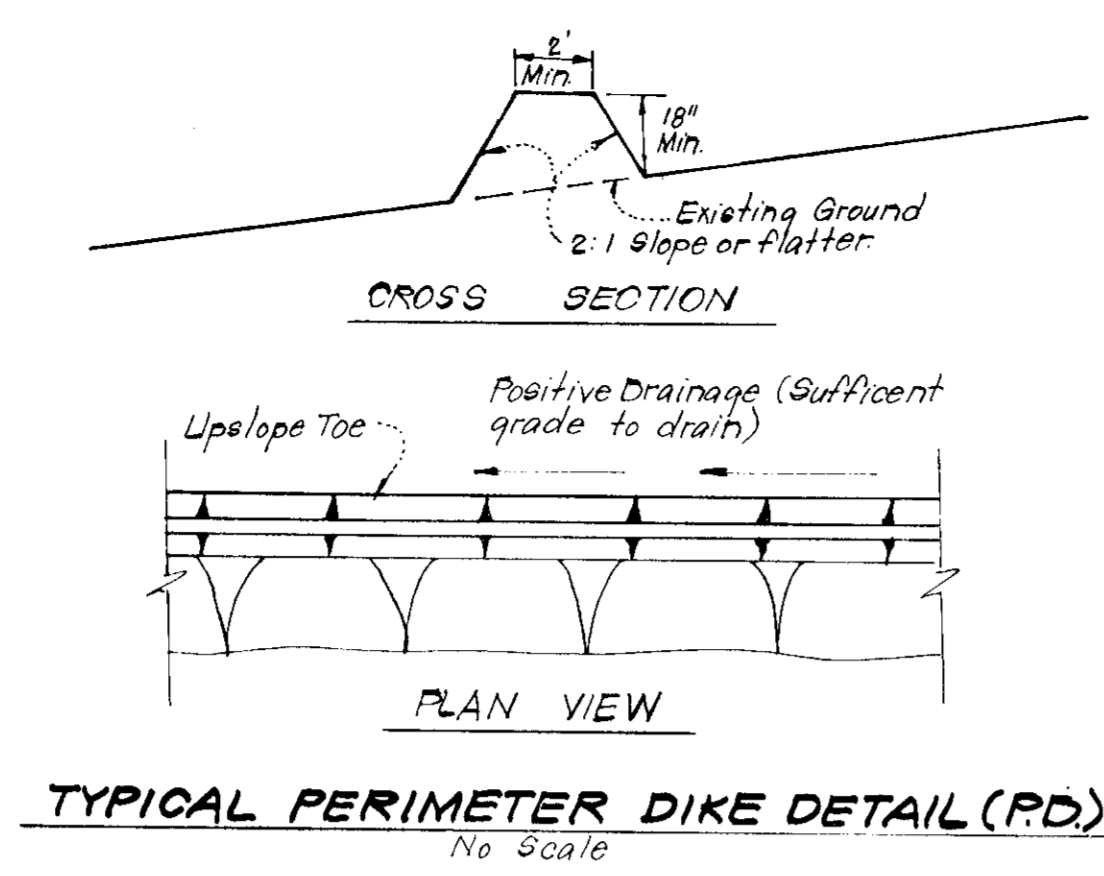
6th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: THE RYLAND GROUP (COI. DIV.)
 SUITE 200 Y.O.M. OFFICE BLDG.
 COLUMBIA, MD. 21044

SDP-80-52

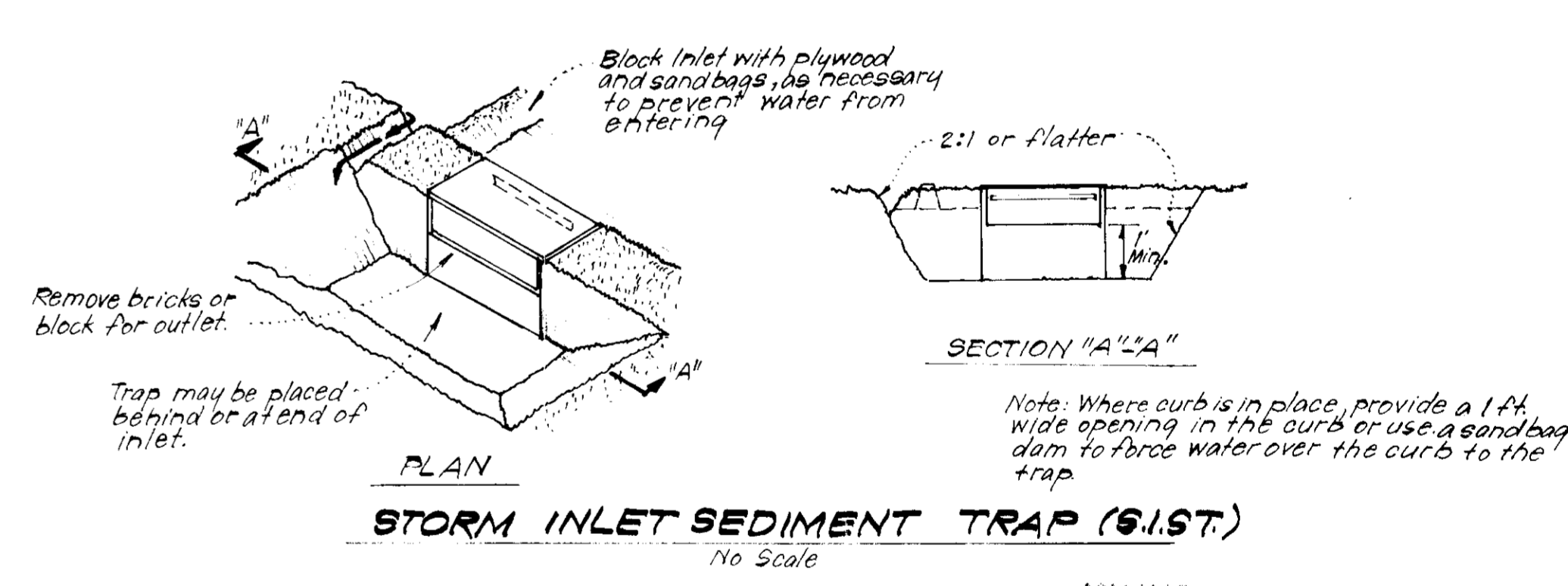
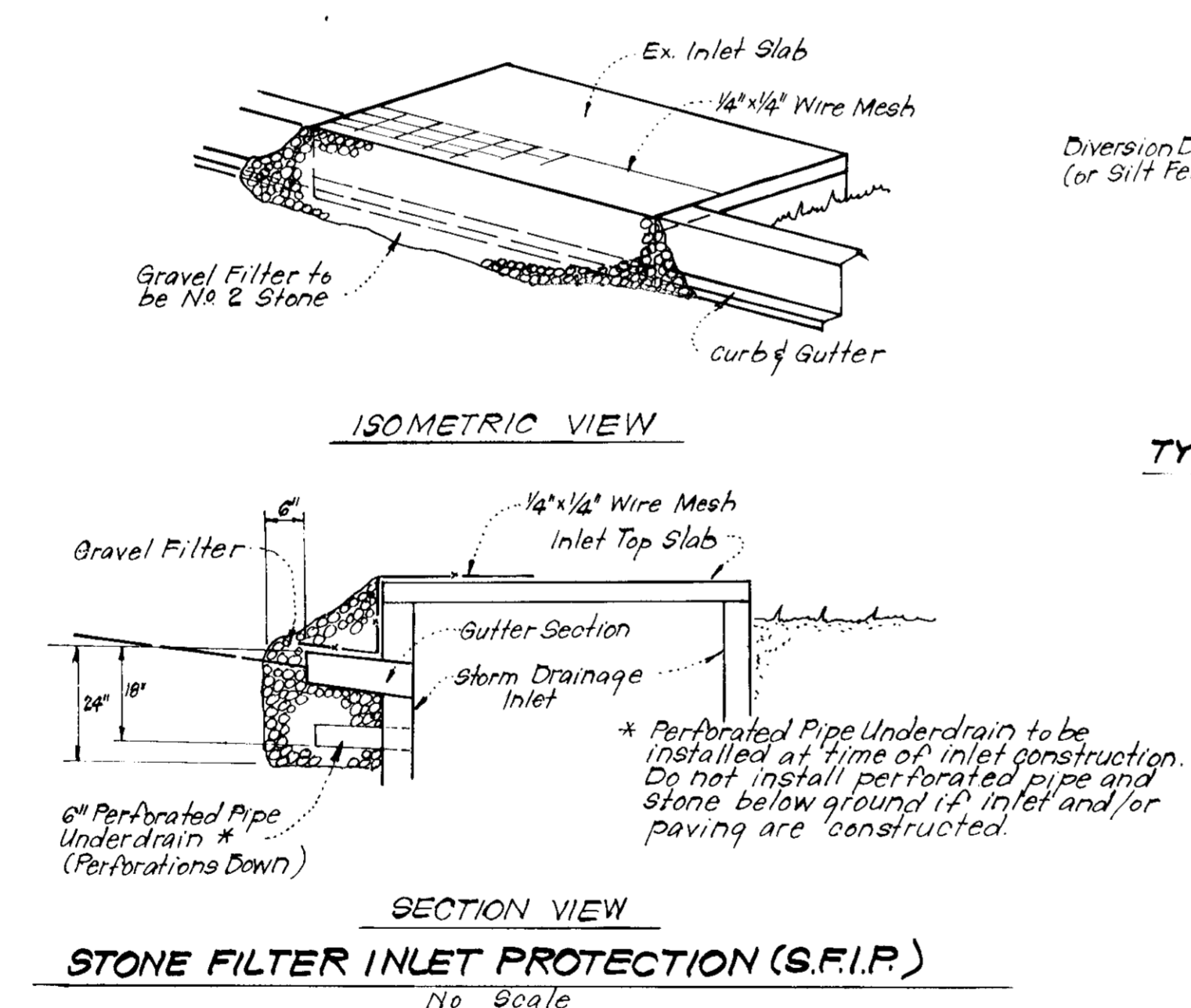
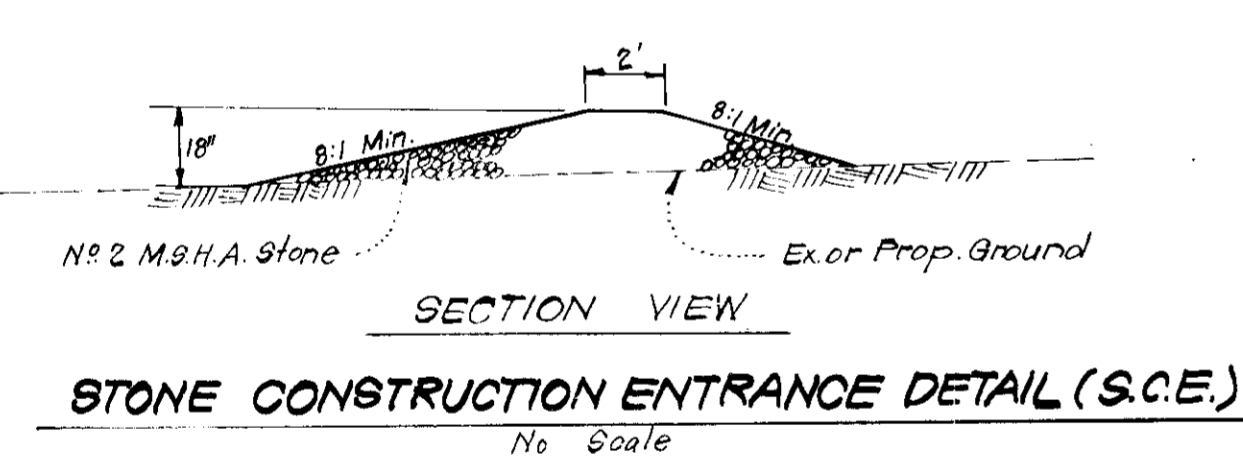
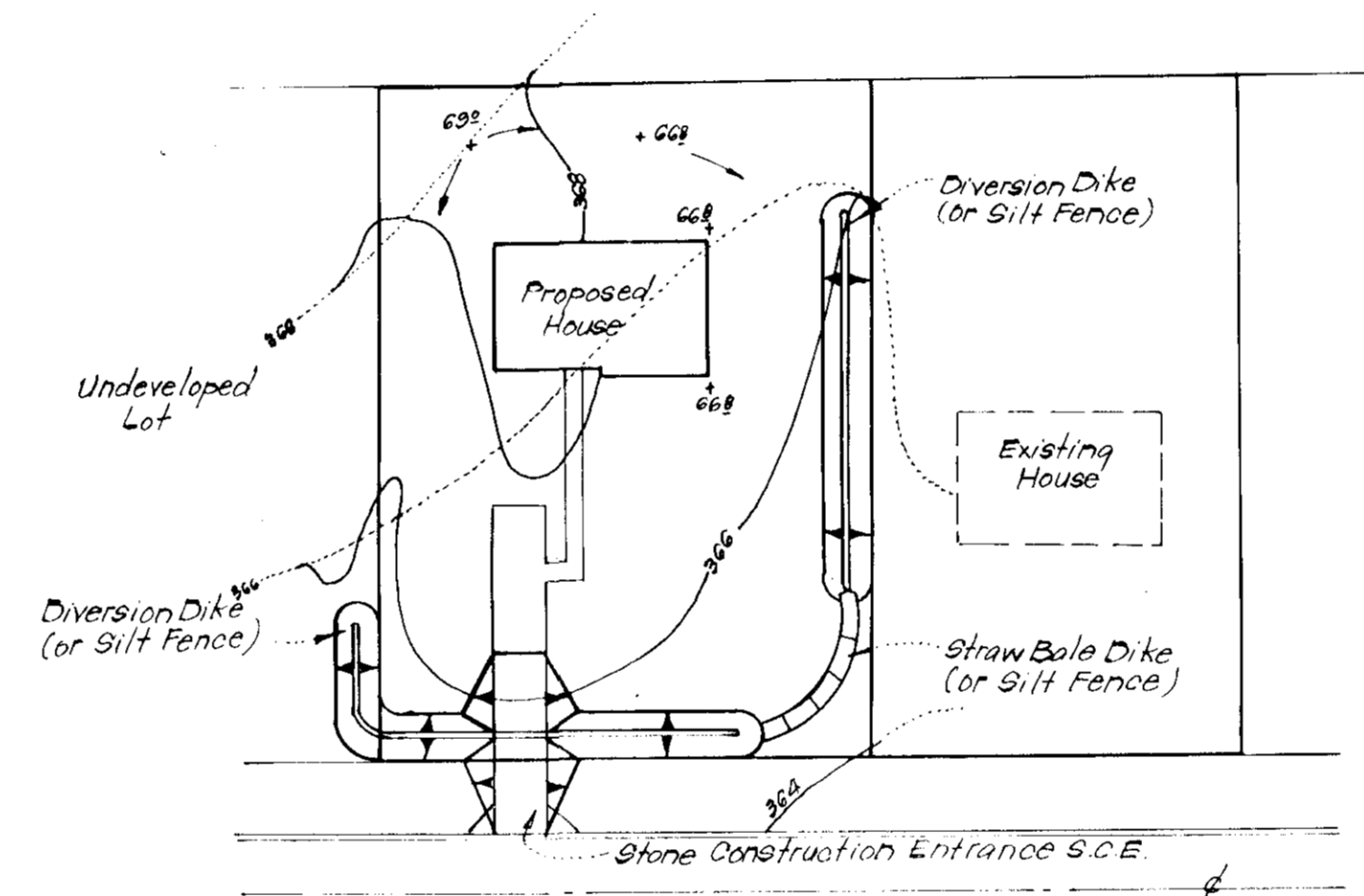
GENERAL NOTES

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 s.f.
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and Sediment Control in Developing Areas" and shall be adjusted to meet actual field conditions.
- Stabilization of Disturbed ground to be done as soon after construction as possible.
- All grading shall be treated in accordance with the following Specifications:
 - Seed- certified 85% germination applied at the rate of 3 lbs/1000s.f. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual rye.
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 s.f. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 46 lbs/1000 s.f.
 - Mulch - Weed free grain straw applied at a rate of 46 lbs/1000 s.f. Mulch shall be secured to the ground by any approved method i.e.; asphalt tack, chemical binder, etc.
 - All Sod used shall be Maryland State Certified.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On-Site Inspection and Maintenance of all Sediment Control Measures including clean out of Sediment Traps and dikes, and proper establishment of all planned vegetative measures will be the responsibility of the developer or his representative on the site, on a continuing day to day basis.
- It will be the developers responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- If houses are to be constructed on an "As-Sold" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.
- Total Amount of Straw Bales or Silt Fence shown = 0 LF
- SITE ANALYSIS:

A. Total Area:	3.200	Acres
B. Area to be Roofed:	0.655	Acres
C. Area to be Paved:	0.484	Acres
D. Area to be Seeded:	2.000	Acres
E. Area Undisturbed:	0.160	Acres
- CONSTRUCTION SEQUENCE:
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Driveways and Sidewalks.
 - Final Grade and Stabilize in accordance with note #6.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.



- Notes:
- Sediment Trap to be cleaned out when sediment reaches a level of 1 ft below crest of stone outlet.
 - Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
 - Stone Outlet to be constructed through diversion dike adjacent to excavated portion of sediment trap.



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

Joseph A. [Signature]
HEALTH OFFICER DATE 3-7-80

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

PLANNING DIRECTOR DATE

CHIEF DIVISION OF LAND DEVELOPMENT DATE

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

DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING DATE

Reviewed for Howard S.C.D. Name
and meets Technical Requirements
Thomas M. [Signature] 1-22-80... Date
Signature
U.S. Soil Conservation Service

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

William J. [Signature] 1-22-80 Date
Approved

DEVELOPER'S CERTIFICATE

I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Lowrie B. Gargant 11-5-79
Signature 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 11-5-79
Signature Date

APPROVED
DIVISION OF LAND DEVELOPMENT

10-30-79

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LUKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400

DESIGNED *J.L.S.* SCALE
DRAWN *R.J.W.* AS SHOWN
CHECKED *J.L.S.* 30 P.3
DATE Nov, 1979 JOB NO. 79-091
FOR: THE RYLAND GROUP (Col. Div.) FILE NO. 79091SE
Suite 200 V.O.M. Office Bldg. Columbia, Md. 21044

GUILFORD SQUARE

6th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SDP-80-52