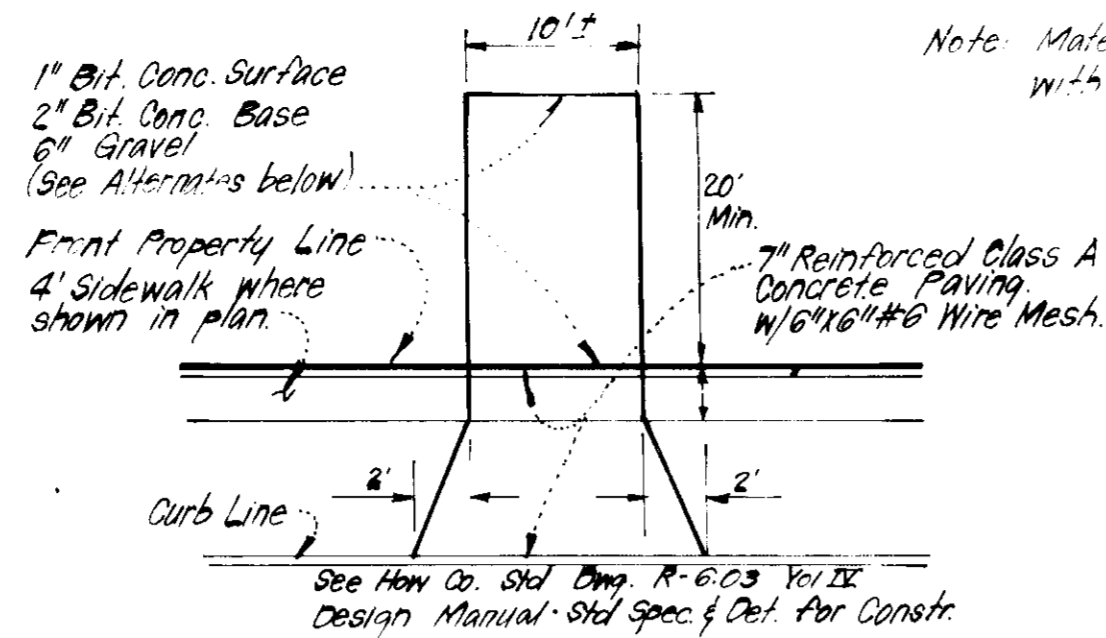
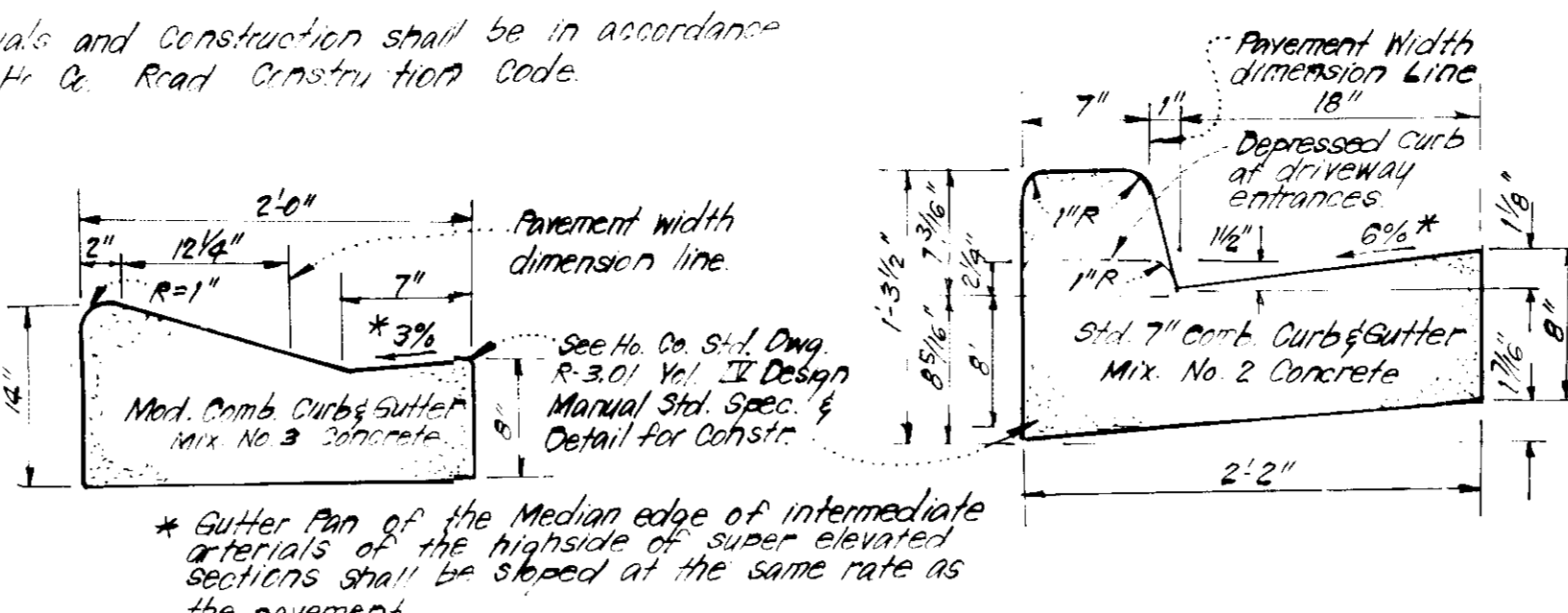


GENERAL NOTES:

- 1. The Land included is zoned R-5C.
- 2. All Coordinates are based on the Maryland State Grid System and Traverse Sta 254.2002.R of 254.2002.R
- 3. The area covered is located on Tax Map #37 Parcel 15A.
- 4. The total area covered is 7.856 Acres.
- 5. All Roadways are public and existing.
- 6. Any damage to county owned rights-of-way shall be corrected at the developer's expense.

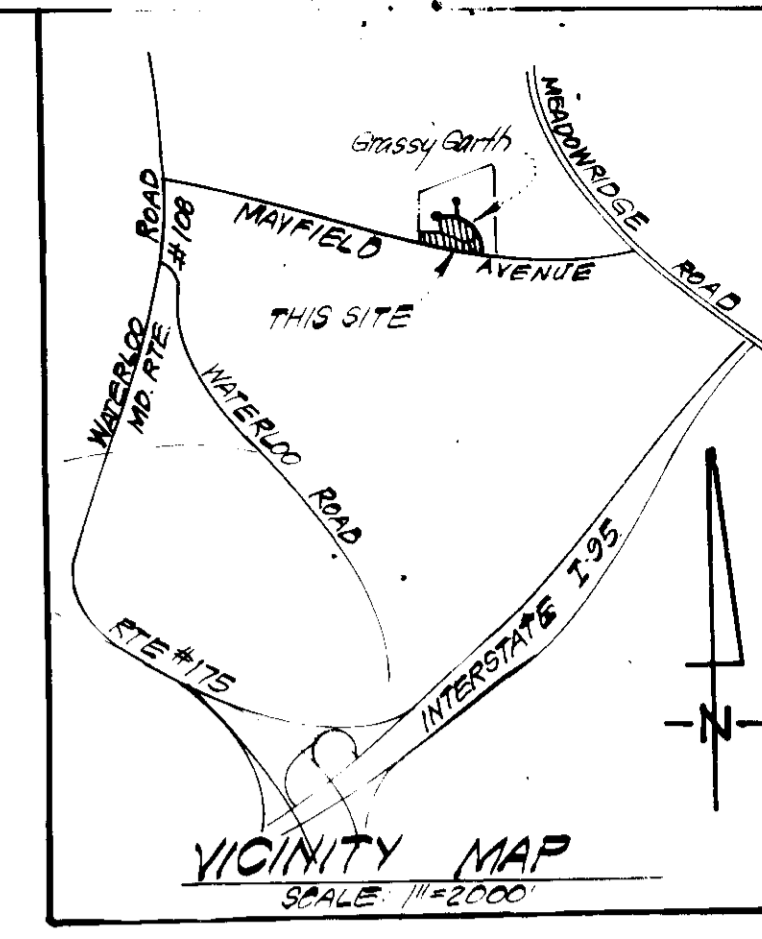


Note: Materials and Construction shall be in accordance with H & R Road Construction Code.



PLANT SCHEDULE (WITH LET TREES)

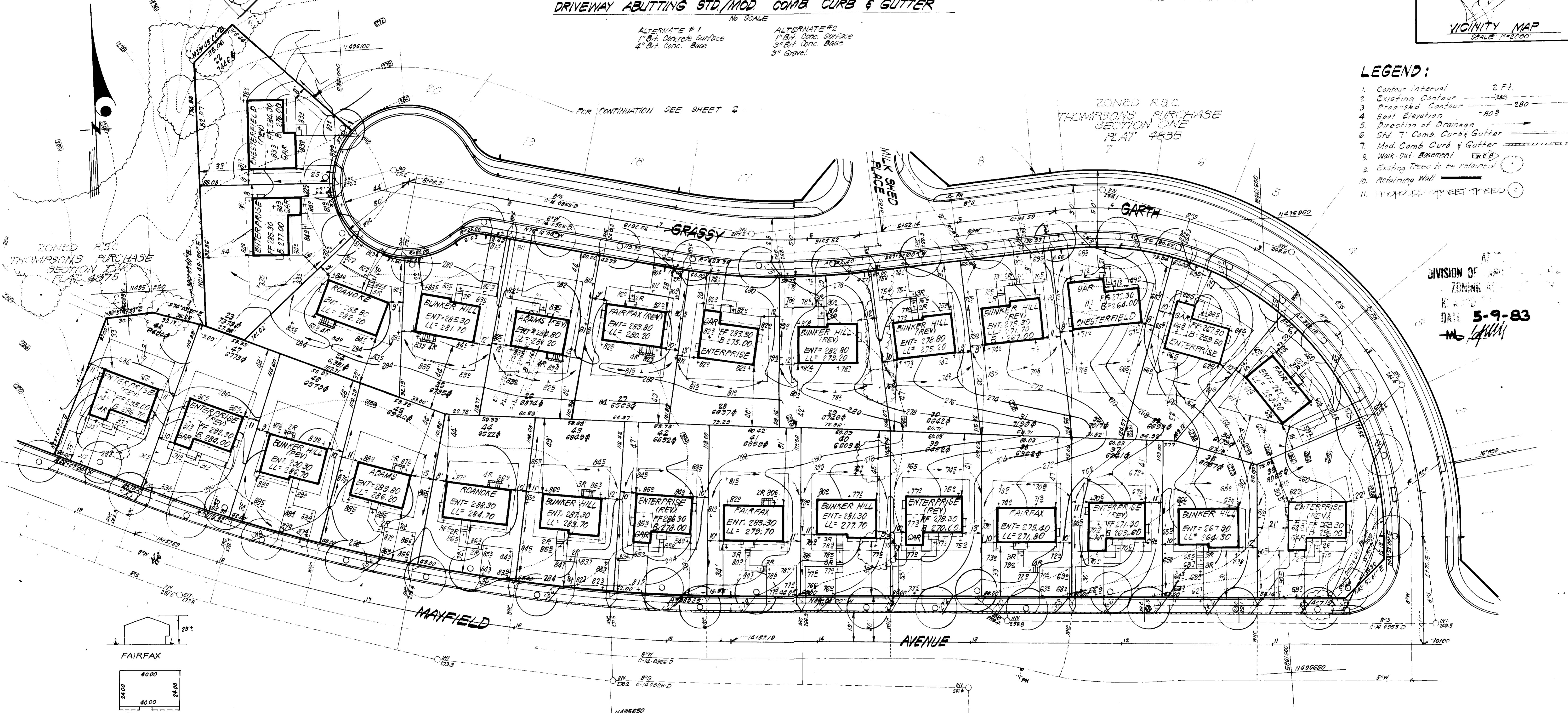
- NOTE: STREET TREES ARE THE RESPONSIBILITY OF THE BUYER - THE POTLAND GROUP, INC.
- 1. NATHFIELD AVENUE: 3 25' ACER PLURIMUM (OCTOBER GLORY MAPLE), 2 1/2\"/>
 - 2. GARTH: 3 25' QUERCUS PALLETINUS (PIN OAK), 2 1/2\"/>
 - 3. MILK SHED PLACE: 3 10' QUERCUS PHELLOU (WILLOW OAK), 2 1/2\"/>



DRIVEWAY ABUTTING STD./MOD. COMB CURB & GUTTER

- ALTERNATE #1: 1 1/2\"/>

ALTERNATE #2: 1 1/2\"/>

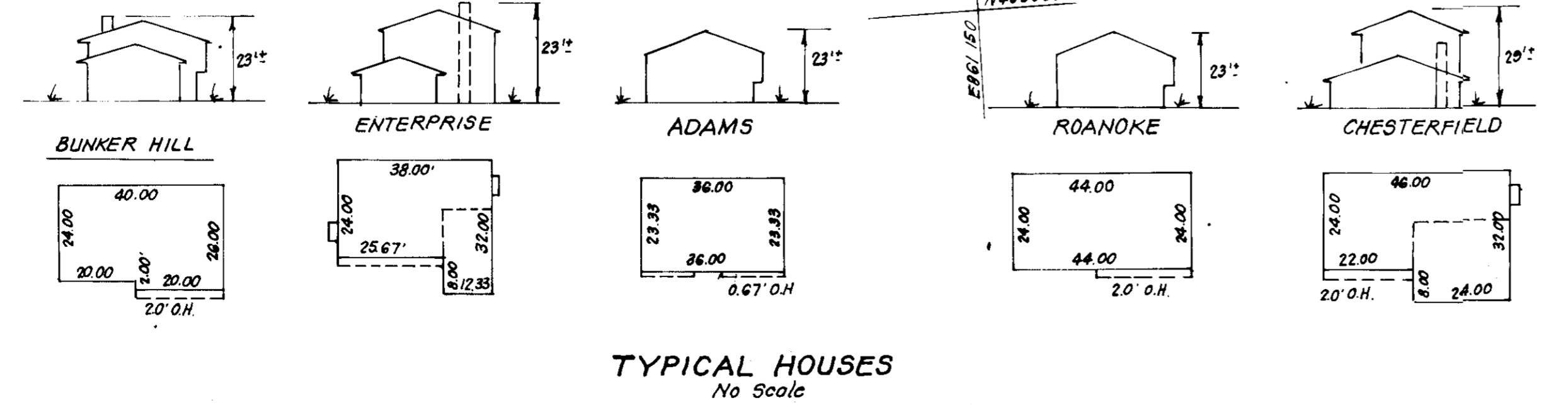


LEGEND:

1. Contour Interval 2 Ft.
2. Existing Contour
3. Proposed Contour
4. Spot Elevation
5. Direction of Drainage
6. Std. 7\"/>
- 7. Mod. Comb. Curb & Gutter
- 8. Walk Out Basement
- 9. Existing Trees to be retained
- 10. Retaining Wall
- 11. 1\"/>

DIVISION OF PLANNING
 DATE: 5-9-83
 NO. 1471

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 5/31/83
 APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 6/1/83
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 5-27-83
 5-27-83



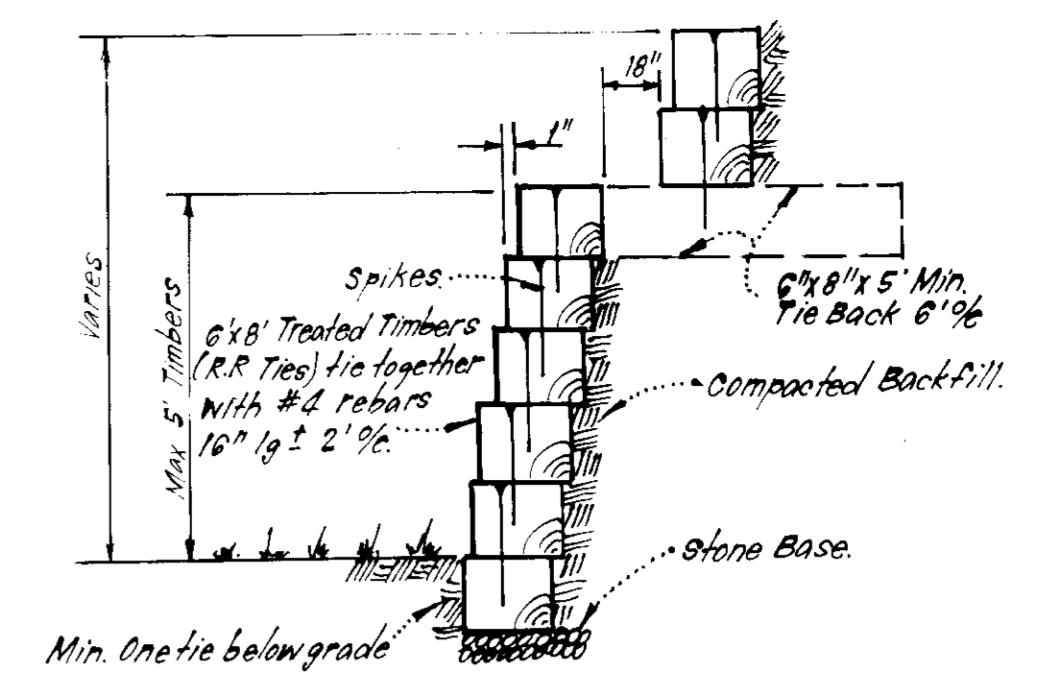
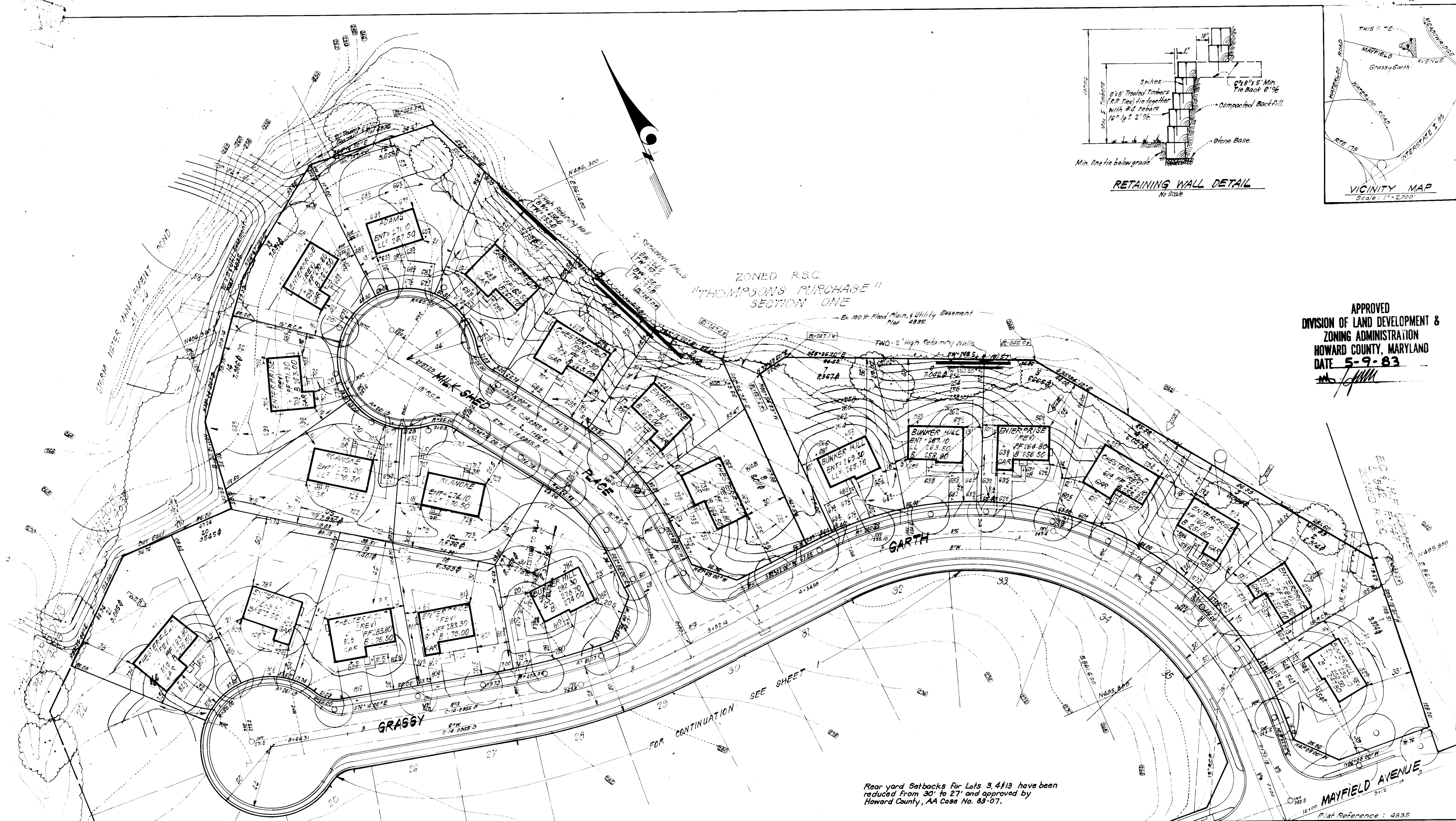
NO. 1471
 39, 42, 47 & 48
 DATE: 5-9-83

Small B. Sackett

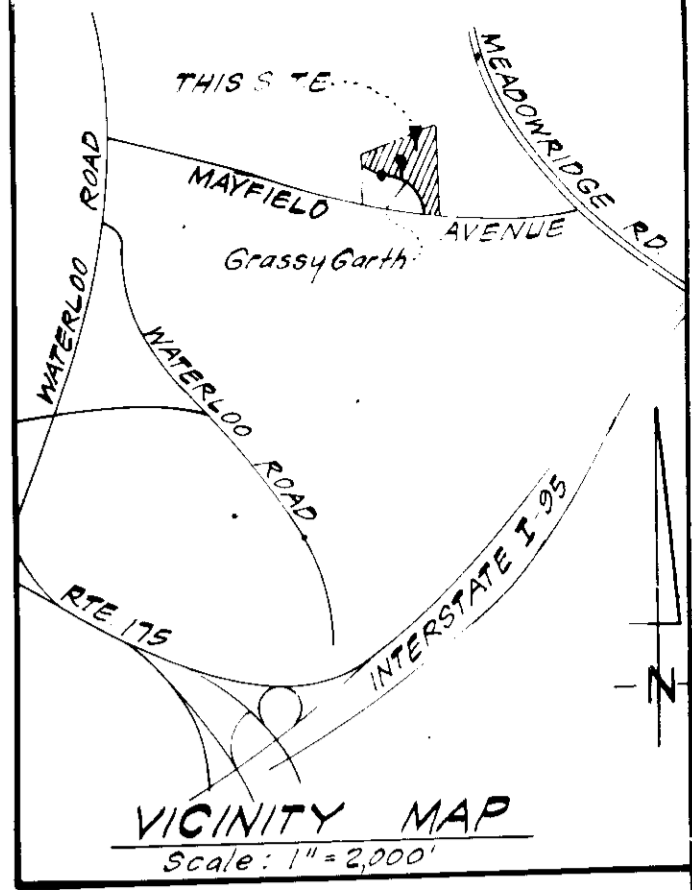
CLARK • FINEPROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LEE WOOD DRIVE, SUITE 100, GREENBELT, MARYLAND 20884 (301) 541-1400

THOMPSONS PURCHASE
 SECTION ONE
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: THE RYLAND GROUP, INC.
 One Knoll North Dr. Suite 503
 Columbia, Maryland 21045

DATE: 4-4-83
 SCALE: 1\"/>



RETAINING WALL DETAIL
No Scale



ZONED R.B.C.
"THOMPSON'S PURCHASE"
SECTION ONE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 5-9-83
[Signature]

Rear yard Setbacks for Lots 3, 4, 13 have been reduced from 30' to 27' and approved by Howard County, AA Case No. 83-07.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 5/31/83
DATE

APPROVED FOR PLANNING AND ZONING,
HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING
[Signature] 6/1/83
DATE

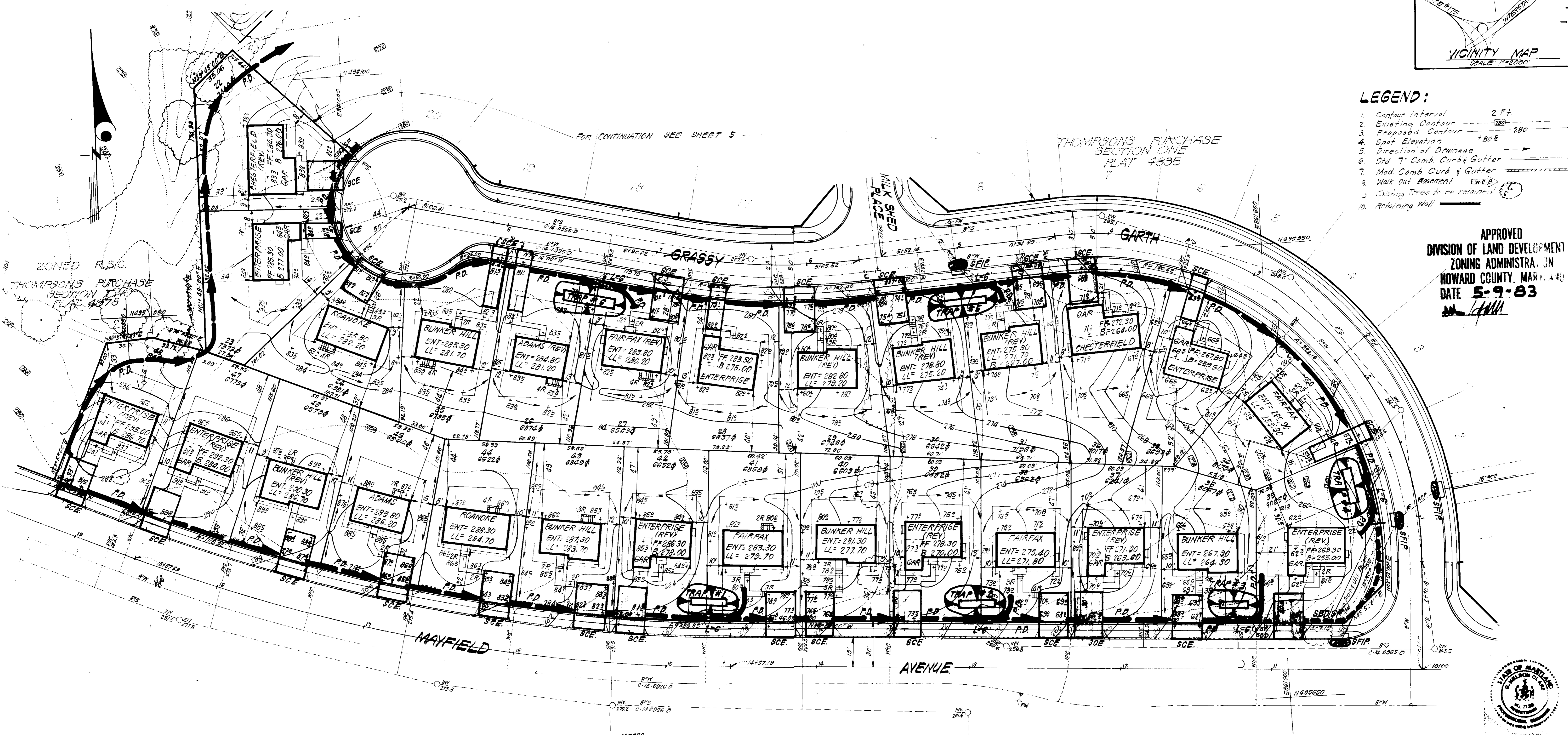
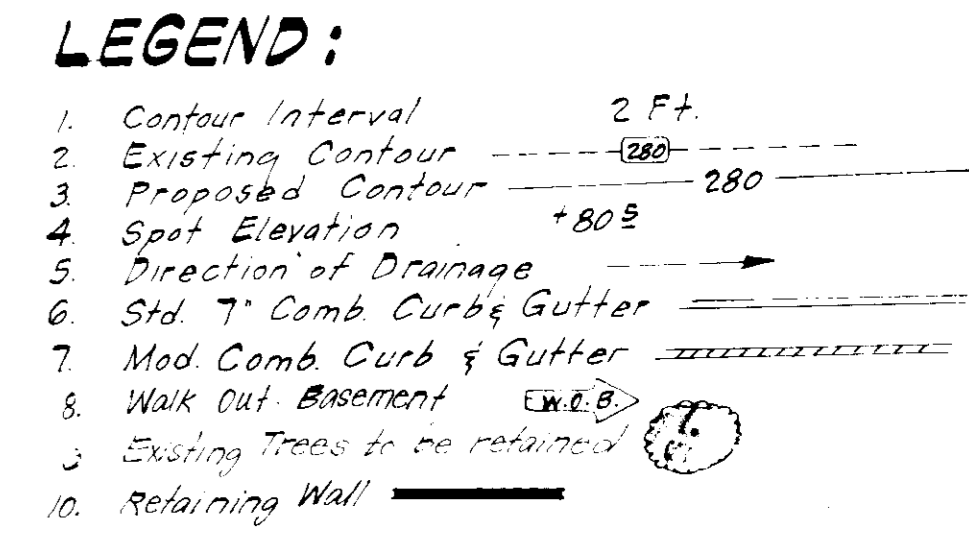
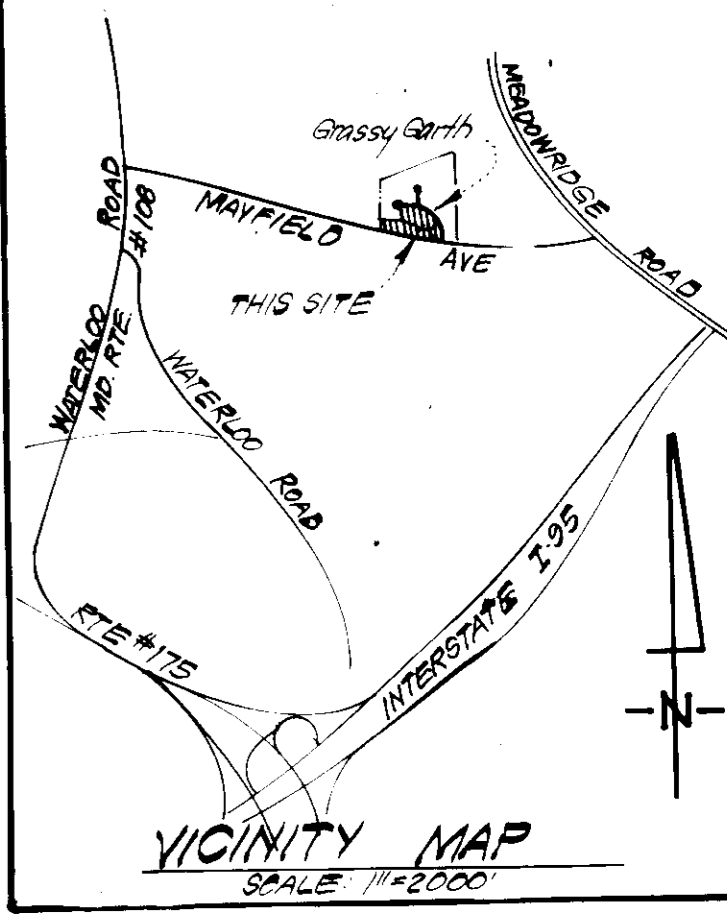
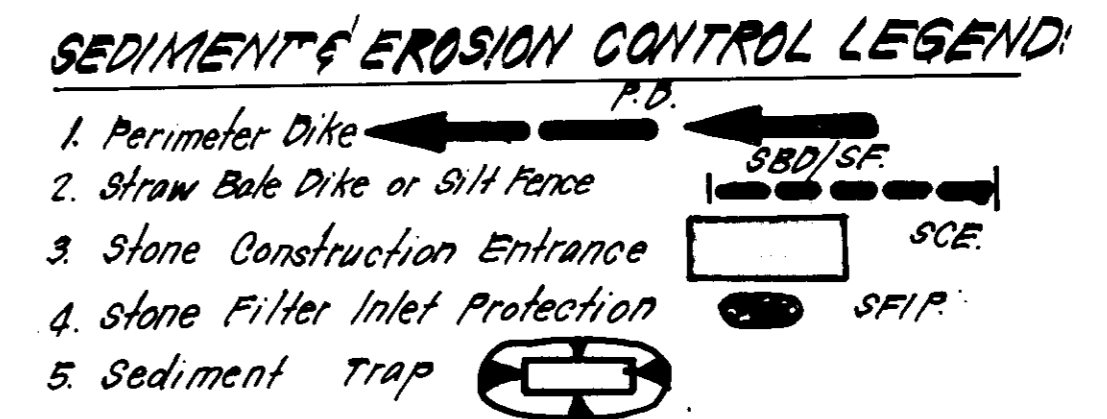
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS,
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 5-27-83
DATE

REVISION	DATE
1. Use Type 5 Gr rev on Lot 20 from B4 to Enterprise	5-3-83
2. Use Type 5 Gr rev on Lot 1 from Fairfax to B4	5-12-83

[Signature]

CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED	J.M.E.	SITE DEVELOPMENT PLAN LOTS 1 THRU 48
DRAWN	R.W.V.L.B.	SCALE 1" = 30'
CHECKED	J.M.E.	THOMPSON'S PURCHASE SECTION ONE 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE	4-4-83	JOB NO. 83-022
		FILE NO. 83-022 X
		FOR: THE RYLAND GROUP, INC. One Knoll North Drive, Suite 503 Columbia, Maryland 21045

SEDIMENT TRAP TABLE								
TRAP No	TYPE OF TRAP	DISTURBED AREA	STORAGE REQ'D.	STORAGE PROVIDED	TOP OF STONE CREST ELEV.	BOTTOM ELEV.	DEPTH	BOTTOM DIMENSIONS
1	S.O.S.T. (ST-3)	0.5 Ac.	300 cf.	300 cf.	280.5	277.5	3'	4' X 24'
2	S.O.S.T. (ST-3)	0.5 Ac.	300 cf.	300 cf.	278.0	269.0	3'	4' X 24'
3	S.O.S.T. (ST-3)	0.4 Ac.	720 cf.	720 cf.	268.0	259.0	3'	4' X 18'
4	S.O.S.T. (ST-3)	0.6 Ac.	1080 cf.	1080 cf.	257.0	254.0	3'	6' X 24'
5	S.O.S.T. (ST-3)	0.6 Ac.	1080 cf.	1080 cf.	273.0	270.0	3'	4' X 30'
6	S.O.S.T. (ST-3)	0.8 Ac.	1440 cf.	1440 cf.	281.5	278.5	3'	6' X 34'
7	S.O.S.T. (ST-3)	0.3 Ac.	540 cf.	540 cf.	271.0	268.0	3'	4' X 12'
8	S.O.S.T. (ST-3)	1.0 Ac.	1800 cf.	1800 cf.	269.5	266.5	3'	See Plan.



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 5-9-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE 5/31/83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 5-27-83

Reviewed for HOWARD COUNTY
Name: James H. Steinhilber
Date: 5-25-83
U.S. Soil Conservation Service

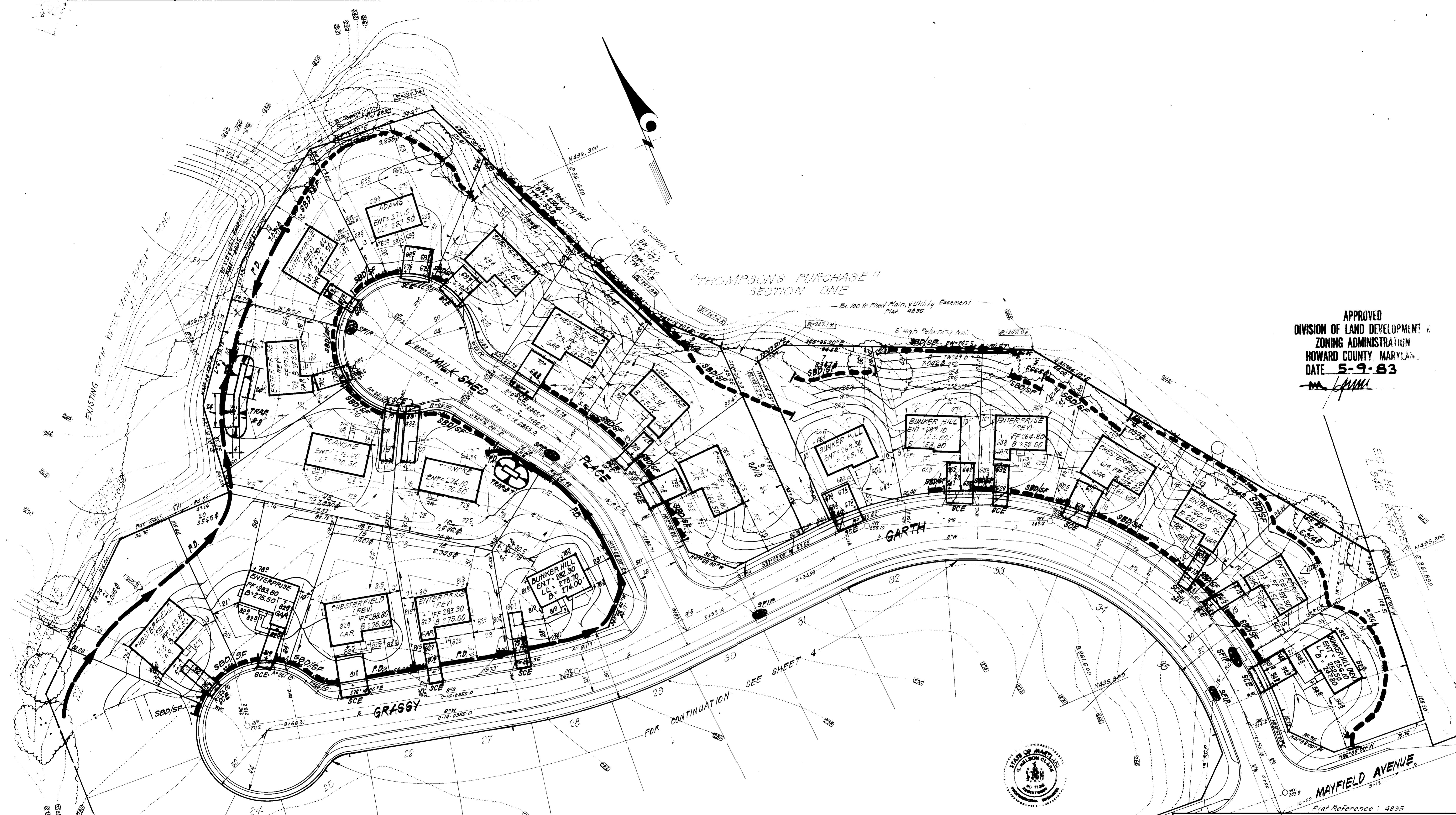
ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erosion and Sediment Control presents a practical and workable plan for the control of erosion and sedimentation on the site of the project, and that the same has been prepared in accordance with the requirements of the Howard Soil Conservation District.
Maurice M. Simpkins 4/6/83

ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erosion and Sediment Control presents a practical and workable plan for the control of erosion and sedimentation on the site of the project, and that the same has been prepared in accordance with the requirements of the Howard Soil Conservation District.
H. Nelson Clark 4-6-83

CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
13135 LORWOOD DRIVE, SILVER SPRING, MARYLAND 20904 (301) 591-1400

DESIGNED	SEDIMENT & EROSION CONTROL PLAN	SCALE	1"=30'
DRAWN	LOTS 1 THRU 48	DRAWING	3 OF 5
CHECKED	THOMPSONS PURCHASE	JOB NO.	83-022
DATE	SECTION ONE 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO.	83-022 SE

FOR: THE RYLAND GROUP, INC.
One Knoll North Dr., Suite 503
Columbia, Maryland 21045



APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY MARYLAND
 DATE 5-9-83
[Signature]

DESIGNED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 DIVISION OF HEALTH OFFICE F.S.
 DATE 5/31/83
 DIVISION OF PLANNING & ZONING
 DATE 6-1-83
 DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.
 DATE 6-1-83
 DESIGNED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 5-27-83
 DATE 5-27-83

Reviewed for HOWARD COUNTY
 Name: *[Signature]*
 Date: 5-25-83
 U.S. Soil Conservation Service
 DISTRICT SOIL CONSERVATION SERVICE
 Approved: *[Signature]* Date: 5/25/83

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and Sediment Control presents a practical and workable method for the control of erosion and sedimentation on the site and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 Maurice M. Simpkins 4/4/83
 G. Nelson Clark 4-4-83



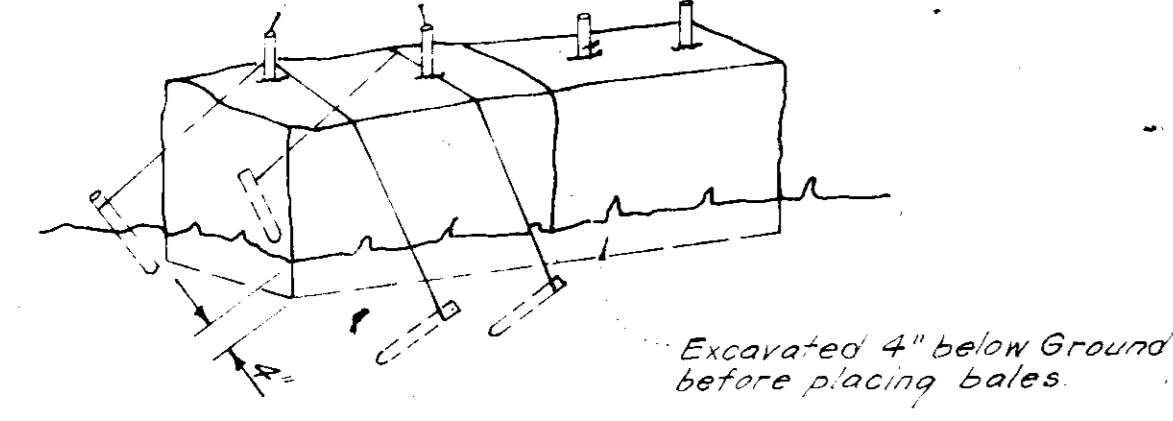
CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS		SCALE 1" = 30'
DESIGNED B.F.	SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 48 THOMPSONS PURCHASE SECTION ONE 15 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: THE RYLAND GROUP, INC. One Knoll North Drive, Suite 503 Columbia, Maryland 21045	DRAWING 4 of 5
DRAWN K.W. V.L.B.		JOB NO. 83-022
CHECKED B.F.		FILE NO. 83-022 SE
DATE 4-6-83		

GENERAL NOTES

- Grading Permits to 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 ryegrass applied at a rate of 14 lbs/1000 sf.
- 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 disturbed area to be stabilized in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 3' and 20% annual ryegrass.
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 90 lbs/1000 sf.
 - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sf. Mulch shall be secured to the ground by any approved method i.e.; asphalt tacks, 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 developer's 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.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for off-site waste or borrow area prior to the import of any borrow or export of waste to or from this site.
- All pipes to be blocked at the end of each day. See detail this sheet.
- Total Amount of Straw Bales or Silt Fence shown = 1800 - F
- SITE ANALYSIS:

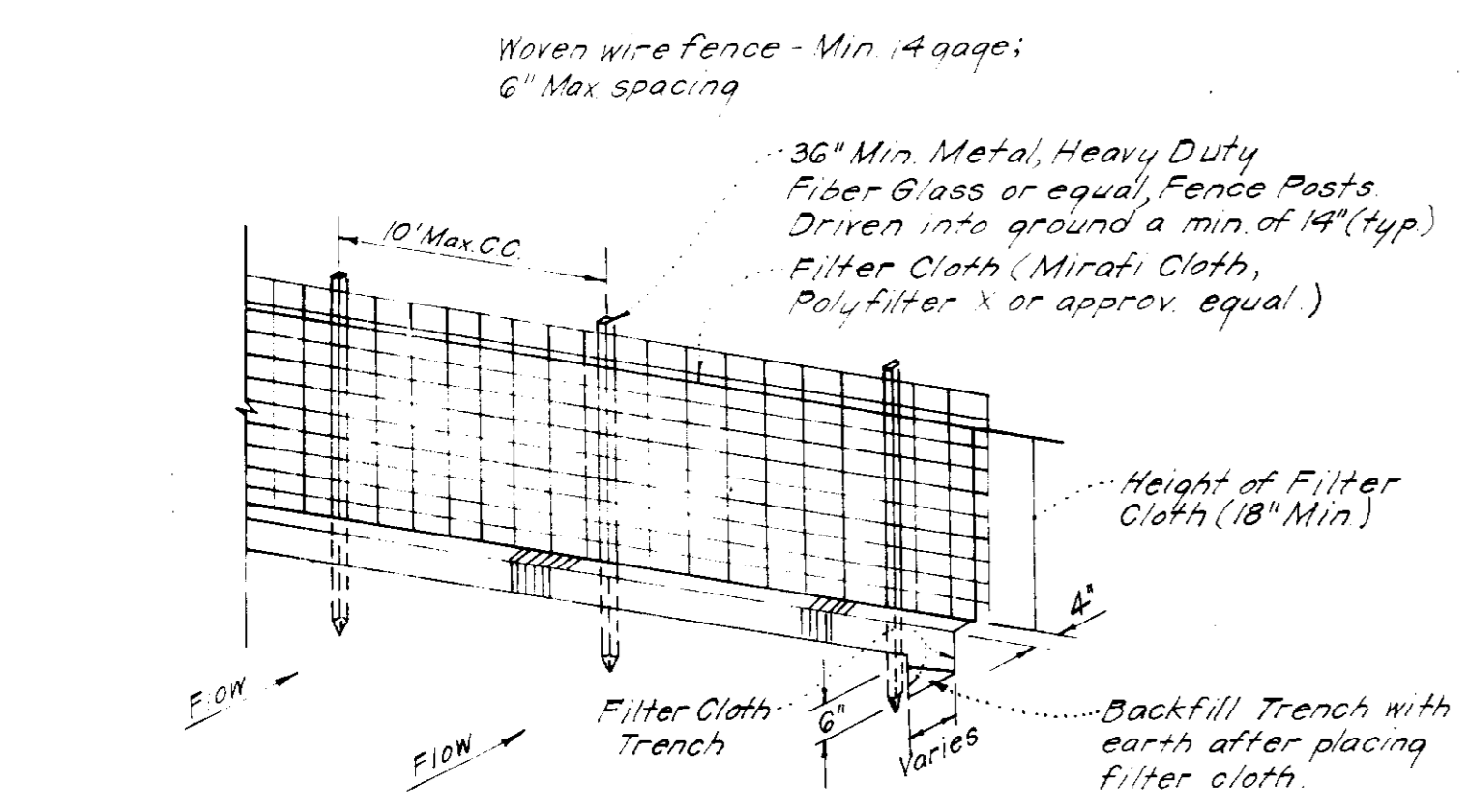
A. Total Area:	7.856	Acres
B. Area to be Roofed:	1.136	Acres
C. Area to be Paved:	0.679	Acres
D. Area to be Seeded:	5.220	Acres
E. Area Undisturbed:	0.821	Acres
- CONSTRUCTION SEQUENCE:
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
 - Excavate for Foundations and Rough Grade
 - Erect Structures, Driveways and Sidewalks
 - Final Grade and Stabilize in accordance with note #6.
- 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.

Bales shall be tied with weathering materials, i.e. wire nylon. Two re-bars or wooden stakes driven through each hole 1/2" - 2" into ground. Rebars to be driven flush with top of bales.



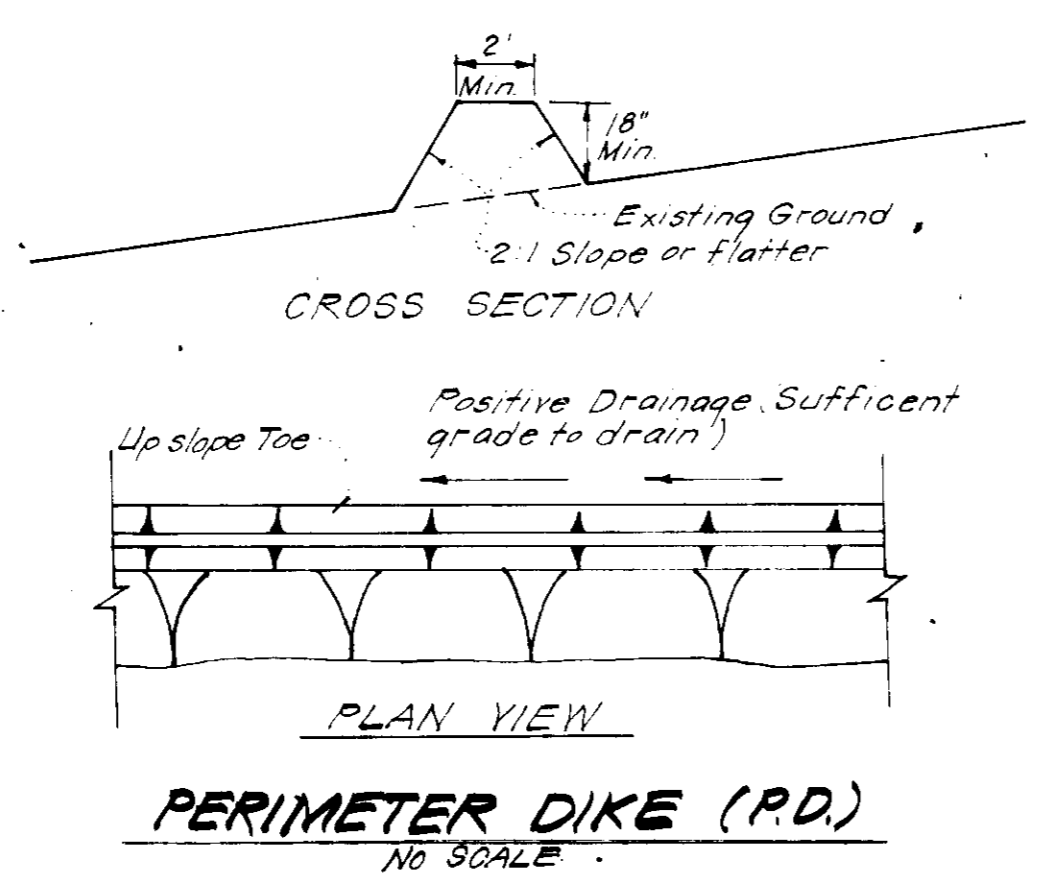
STRAW BALE DIKE DETAIL (SBD)
NO SCALE

Note: In lieu of the use of re-bars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

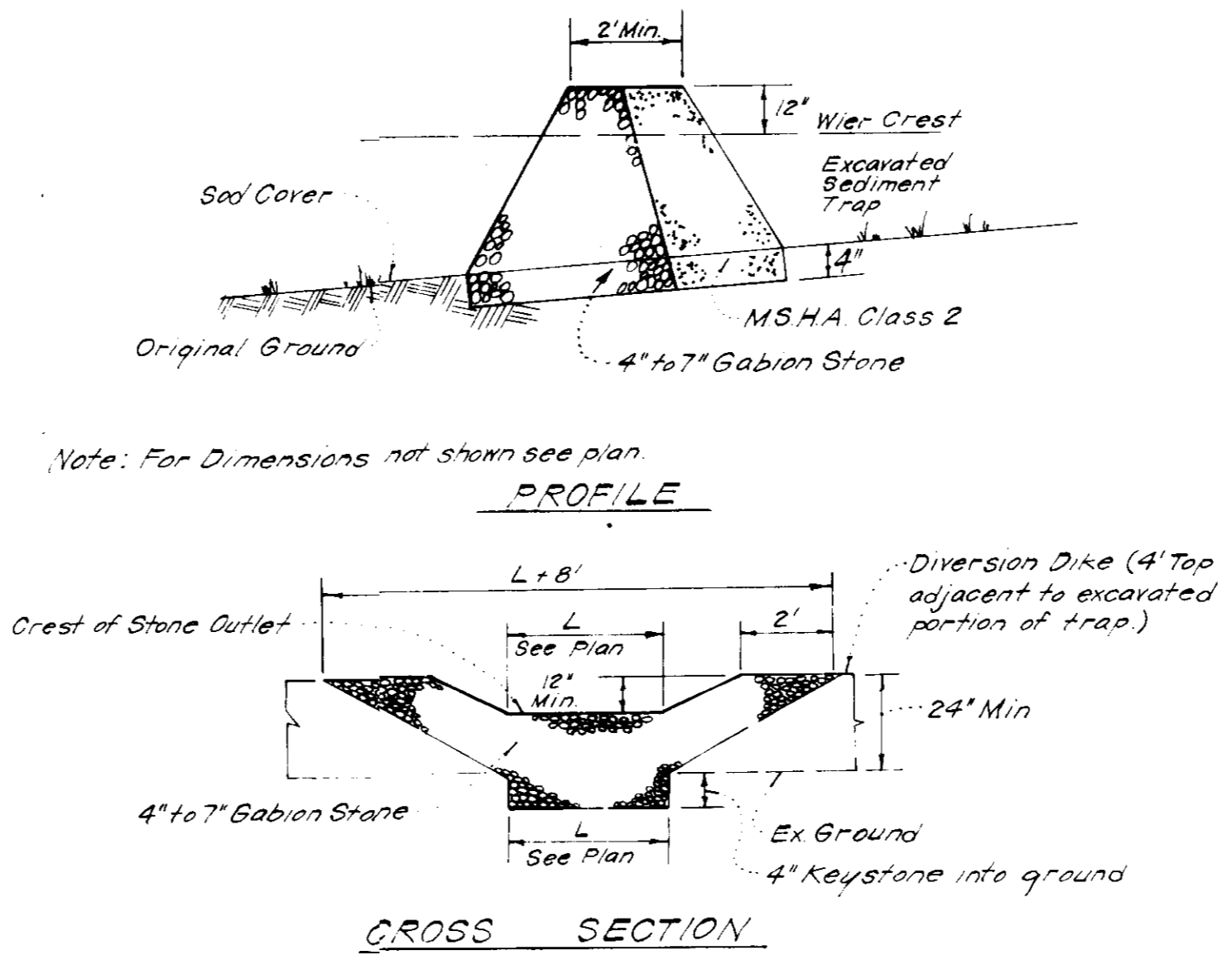


SILT FENCE DETAIL (SF)
NO SCALE

Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire by use of wire ties spaced every 24"x24".

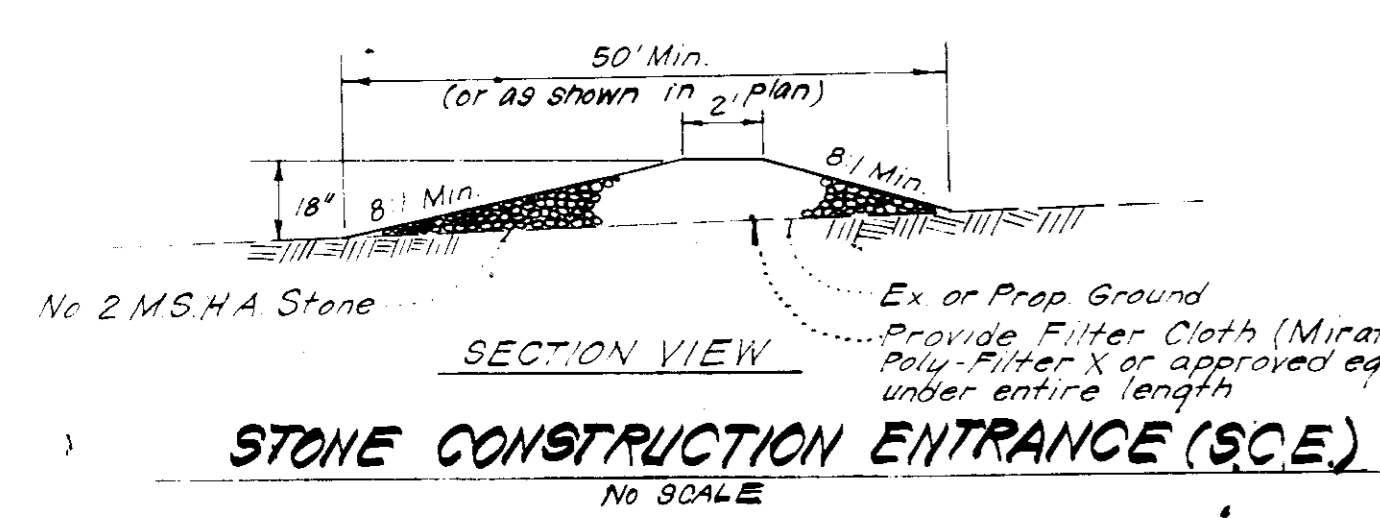


PERIMETER DIKE (P.D.)
NO SCALE

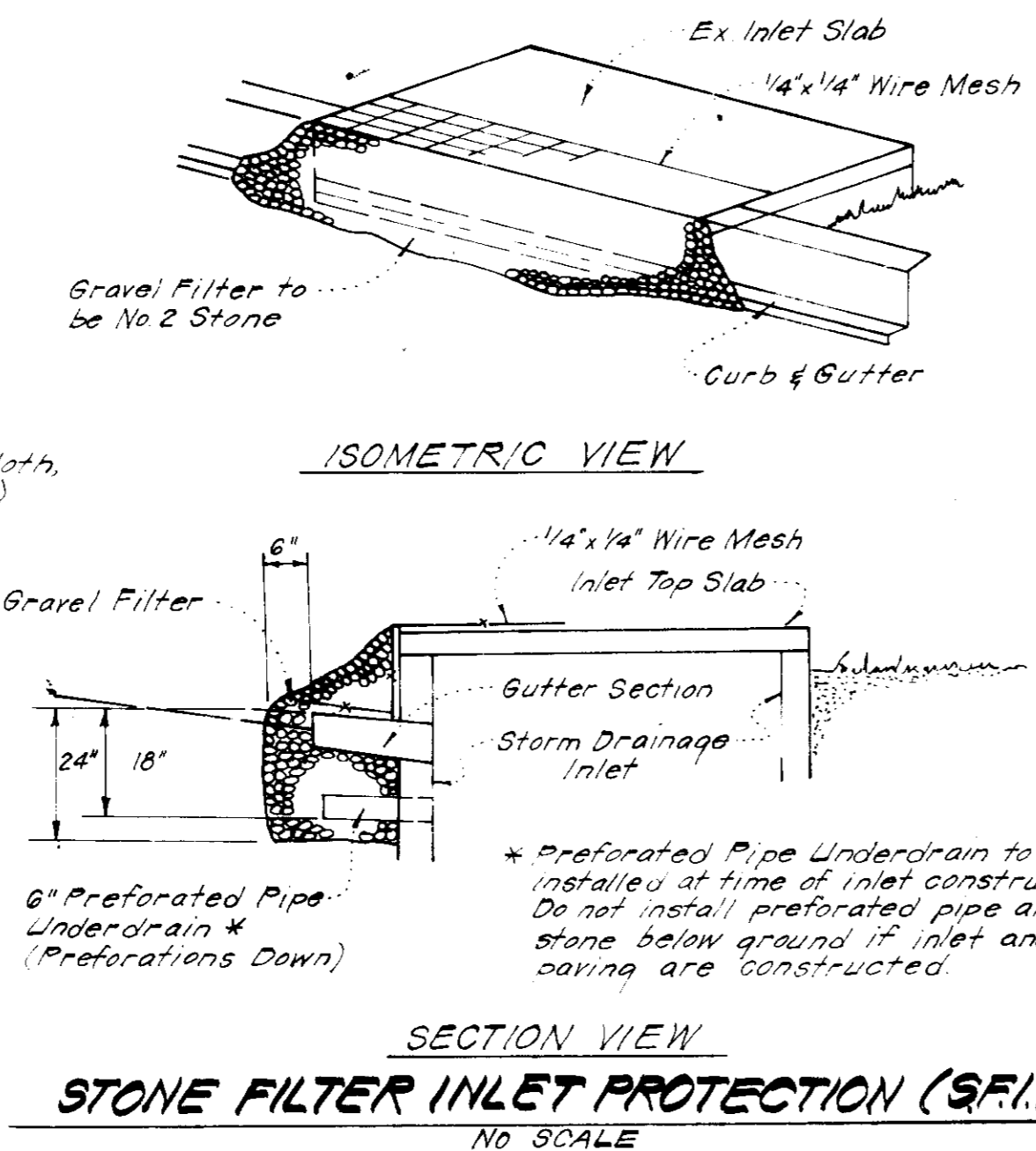


DETAILS OF STONE FILTER OUTLET FOR STONE OUTLET SEDIMENT TRAP
NO SCALE

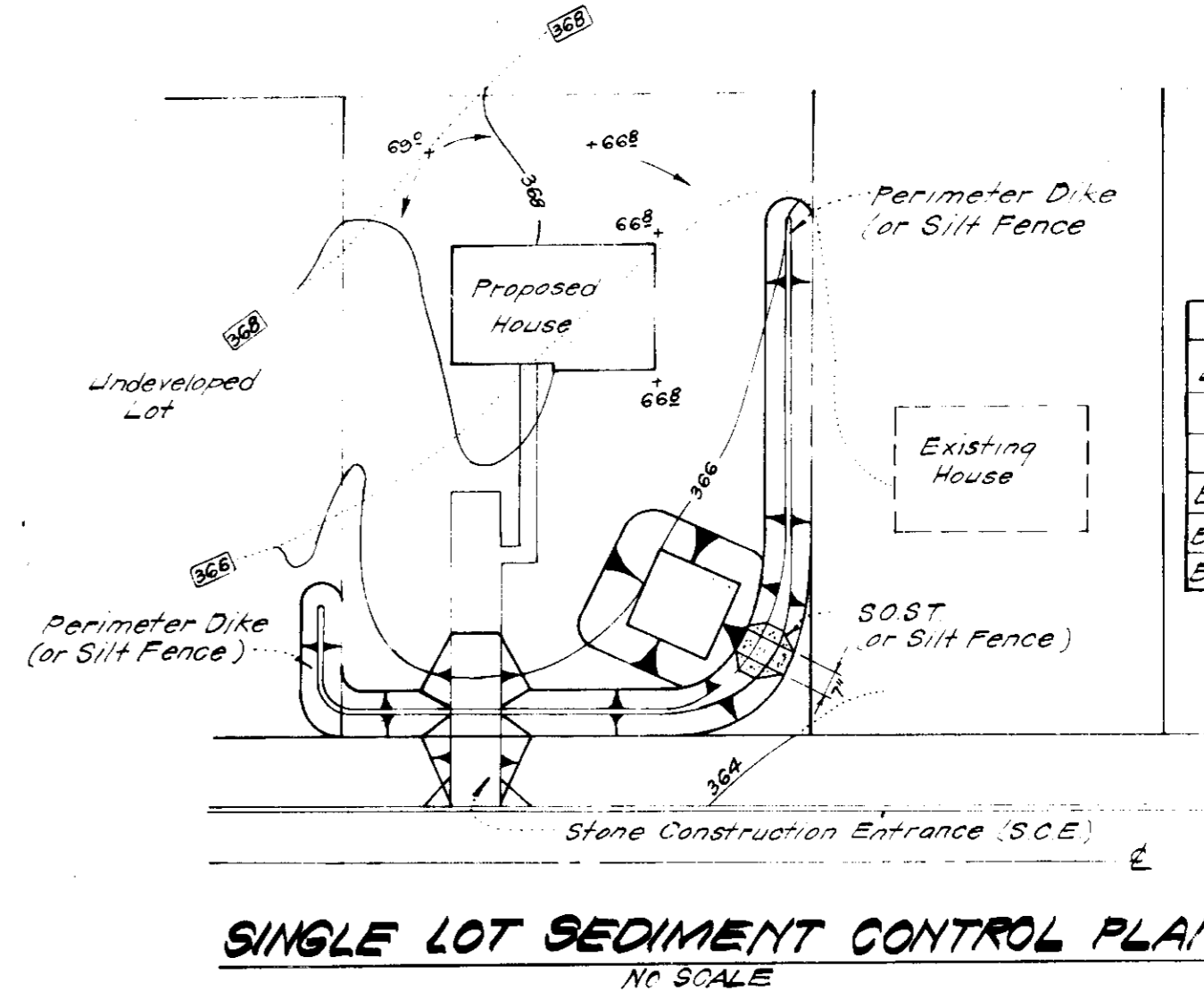
Notes:
1. Sediment Trap to be cleaned out when sediment reaches a level of 1ft below crest of stone outlet.
2. Bottom of Sediment Trap to be level and constructed to the dimensions shown on plan.
3. Stone Outlet to be constructed through diversion dike adjacent to excavated area.



STONE CONSTRUCTION ENTRANCE (SCE)
NO SCALE



STONE FILTER INLET PROTECTION (S.F.I.P.)
NO SCALE



SINGLE LOT SEDIMENT CONTROL PLAN
NO SCALE

S.O.S.T.*			
Lot Size	1/4 Ac	1/2 Ac	1 Ac
L	2'	3'	6'
Depth	2'	2'	2'
Bot Length	11'	26'	26'
Bot Width	11'	11'	26'
Bot Area	121 sq	286 sq	676 sq

* See Std ST-3 pg 2007 for det not shown.
** Can be adjusted in field but bottom area must be as a min of 4' greater.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 5/23/83
 PLANNING DIRECTOR: *[Signature]* DATE: 6-1-83
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION: *[Signature]* DATE: 6-1-83
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 5-27-83
 CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 5-27-83

Reviewed for *[Signature]* S.C.D. Name: *[Signature]* Date: 5-25-83
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.
[Signature] DATE: 5-25-83

DEVELOPER'S/BUILDER'S CERTIFICATE:
 I hereby certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this 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.
[Signature] DATE: 4/6/83
 Maurice M. Simpkins

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.
[Signature] DATE: 4-5-83
 G. Nelson Clark

CLARK • FINEPROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 13135 LOCKWOOD DRIVE, GREENBELT, MARYLAND 20884
 DESIGNED: *[Signature]* SCALE: AS SHOWN
 DRAWN: *[Signature]* DRAWING: SDP-5
 CHECKED: *[Signature]* JOB NO: 83-002
 DATE: 6-6-83 FOR: THE RYLAND GROUP, INC. JOB NO: 83-022-3E
 One Knoll North Dr., Suite 503
 Columbia, Md. 21045
SDP-83-161

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 5-9-83
[Signature]