

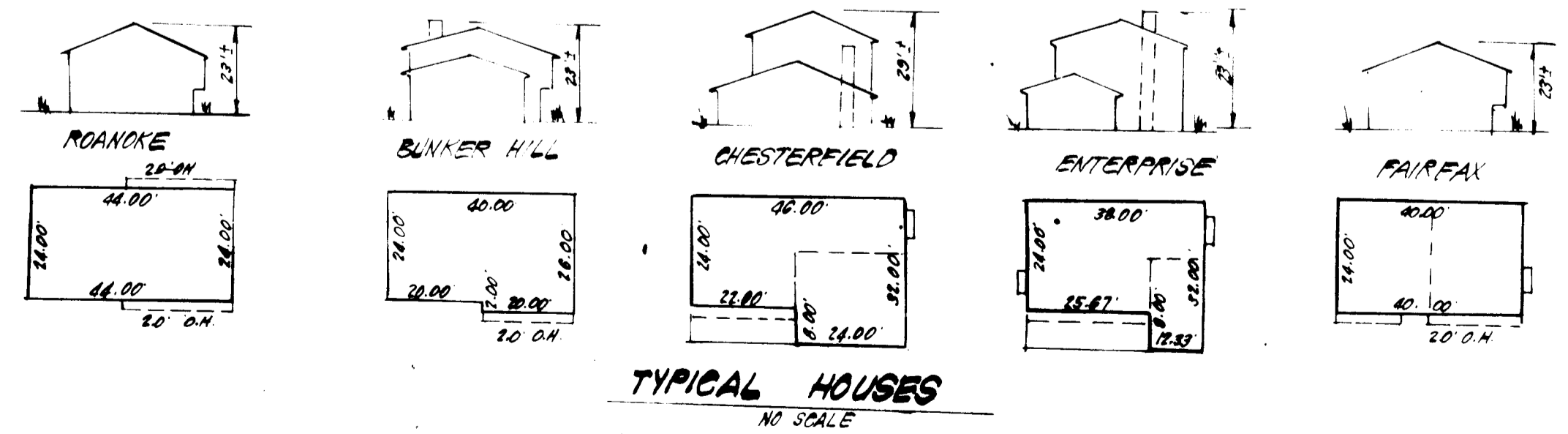
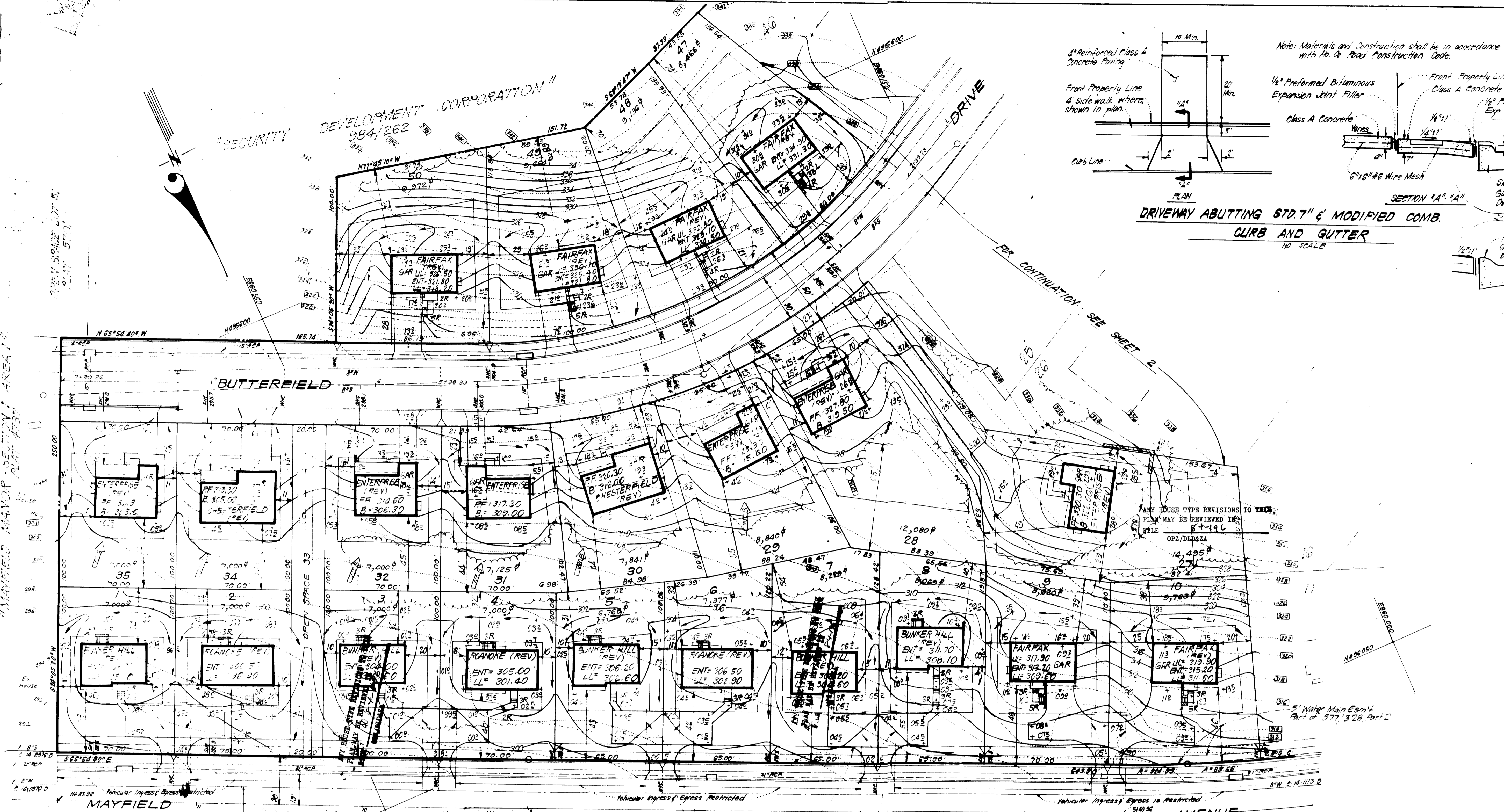
DRIVEWAY ABUTTING STD. 7" & MODIFIED COMB. CURB AND GUTTER
NO SCALE

- NOTES:**
- The Land included in this plan is zoned: RSC
 - Corrections are extensions made from Maryland State Plane Coordinate System. Bearings refer to True North and are based on 1983 Geodetic Survey Monuments No. 244,003.
 - Total area included is 9556 Acres
 - All roadways are public & existing
 - Total number of Lots: 50
 - Any damage to county owned rights of way shall be corrected at the developers expense

- LEGEND:**
- Contour Interval 2 Ft
 - Existing Contour 330
 - Proposed Contour 330
 - Spot Elevation 303
 - Direction of Drainage
 - Existing Trees to be saved
 - Mult. Out Basement
 - Timber Structure Wall

LOT #	STREET ADDRESS
1	7891 MAYFIELD AVENUE
2	7895 " "
3	7897 " "
4	7899 " "
5	7903 " "
6	7907 " "
7	7911 " "
8	7915 " "
9	7919 " "
10	7923 " "
11	7927 " "
12	7931 " "
13	7935 " "
14	7939 " "
15	7943 " "
16	7947 " "
17	7951 " "
18	7955 " "
19	7959 " "
20	7963 " "
21	7967 " "
22	7971 " "
23	7975 " "
24	7979 " "
25	7983 " "
26	7987 " "
27	7991 " "
28	7995 " "
29	7999 " "
30	8003 " "
31	8007 " "
32	8011 " "
33	8015 " "
34	8019 " "
35	8023 " "
36	8027 " "
37	8031 " "
38	8035 " "
39	8039 " "
40	8043 " "
41	8047 " "
42	8051 " "
43	8055 " "
44	8059 " "
45	8063 " "
46	8067 " "
47	8071 " "
48	8075 " "
49	8079 " "
50	8083 " "

SUBDIVISION NAME	SECT./AREA	LOT/ PARCELS #
MAYFIELD MANOR	1/4	1-32, 34, 35, 37, 50
PLAT OR L/P BLOCK #	ZONE	TRV/REAR R/W AREA
5701 & 5702	RSC	37' P 162 1/2'
WATER CODE	SEWER CODE	6011
006	255-000	



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: *[Signature]* DATE: 4-13-84
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR: *[Signature]* DATE: 4-16-84
CHIEF DIVISION OF LAND DEVELOPMENT, ZONING ADMIN. DATE: 4-16-84
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: *[Signature]* DATE: 4-9-84
CHIEF BUREAU OF ENGINEERING DATE: 4-9-84

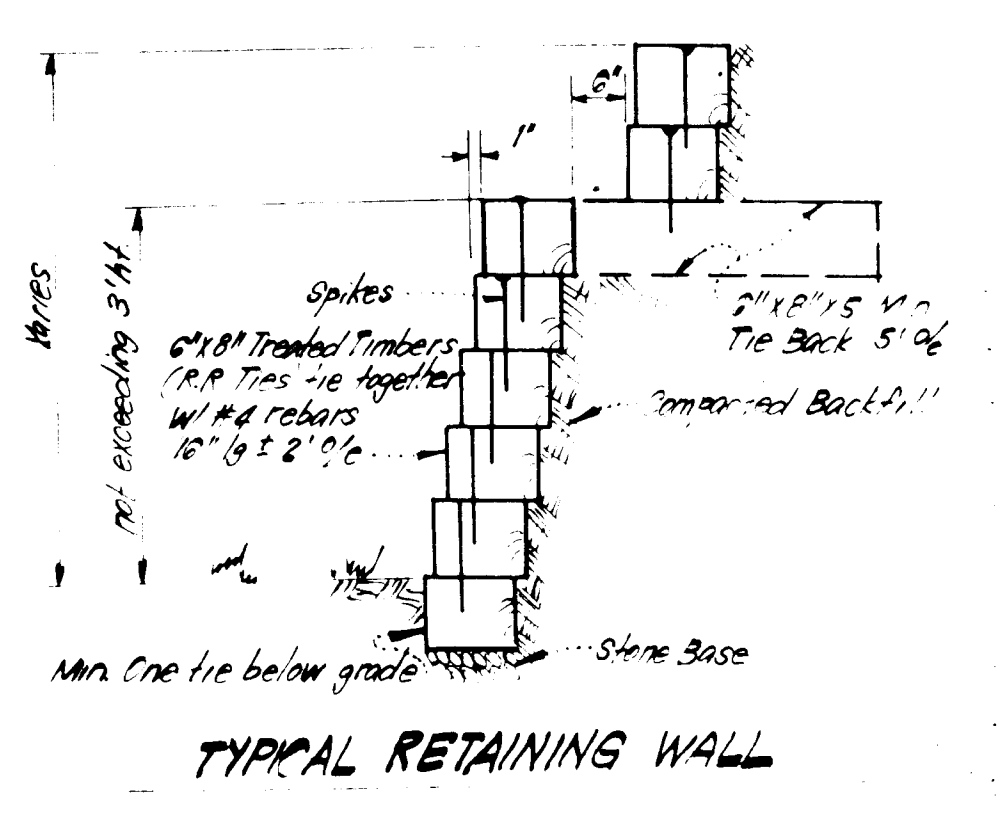
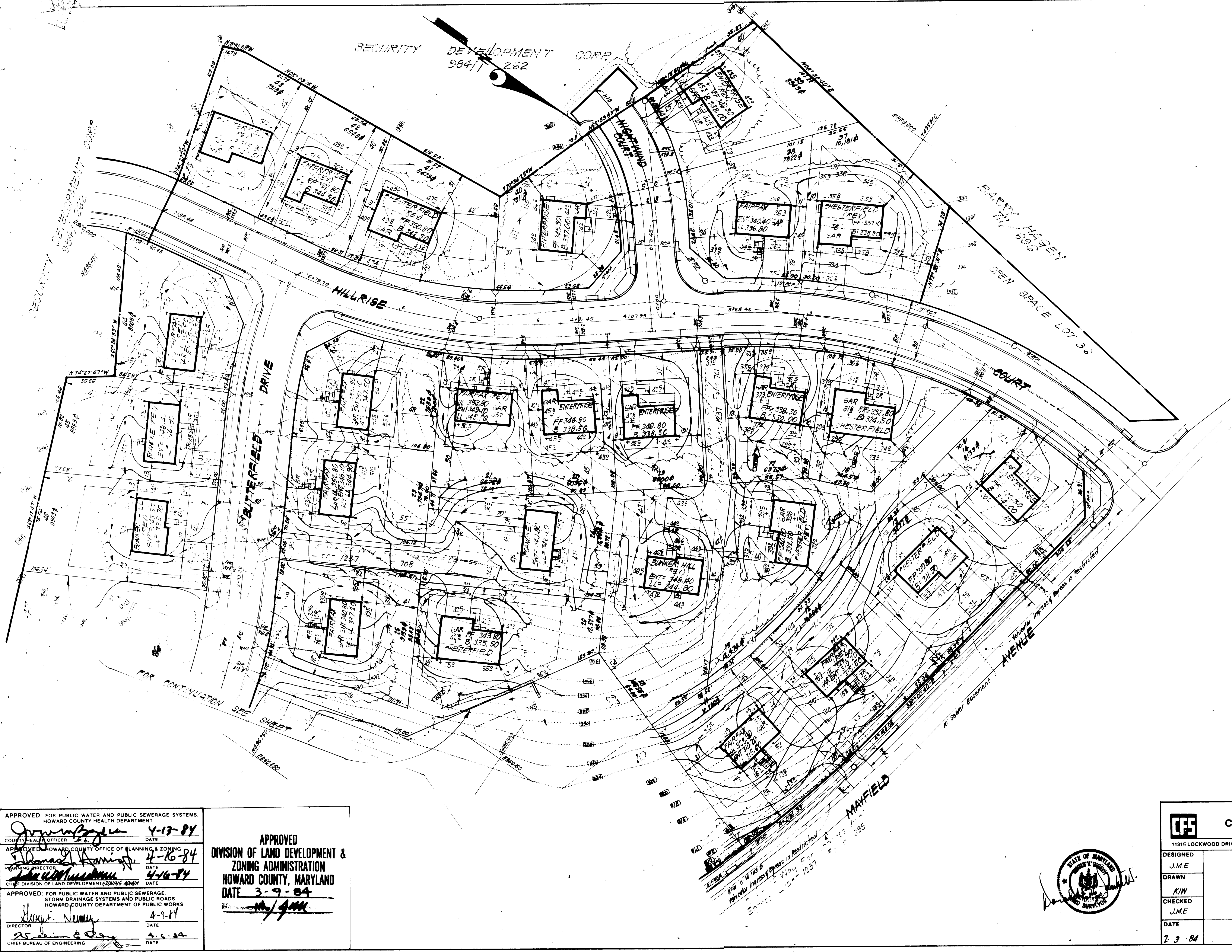
APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 3-9-84
[Signature]

CLARK · FINEFROCK & SACKETT
ENGINEERS · PLANNERS · SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	J.M.E.	SCALE	1" = 30'
DRAWN	K.W.	DRAWING	10F5
CHECKED	J.M.E.	JOB NO.	83-090
DATE	2-3-84	FILE NO.	83-090-X

FOR: THE RILAND GROUP INC. (COL. DIV.)
ONE KNOLL NORTH # 303
COLUMBIA MD. 21045

SDP-84-196



ADDRESS CHART	
LOT NO.	STREET ADDRESS
10	7945 MAYFIELD AVENUE
11	7951 "
12	7957 "
13	7963 "
14	8001 HILLRISE COURT
15	8005 "
16	8009 "
17	8013 "
18	8017 "
19	8021 "
20	8025 "
21	8029 "
22	8040 BUTTERFIELD DRIVE
23	7986 "
24	7992 "
25	7998 "
26	7924 "
27	8010 HILLRISE COURT
28	8014 "
29	8004 NIGHTWIND COURT
30	8008 "
31	8030 HILLRISE COURT
32	8036 "
33	8040 "
34	7937 BUTTERFIELD DRIVE
35	7931 "
36	7925 "

SUBDIVISION NAME	MAYFIELD MANOR	SECT. AREA	1/4	LOT/PARCEL#	4, 32, 34, 35, 37, 38
PLAT# OR L/P	5701 & 5702	BLOCK#	15	TAX./ZONE MAP#	182
WATER CODE	006	SEWER CODE	255A000		

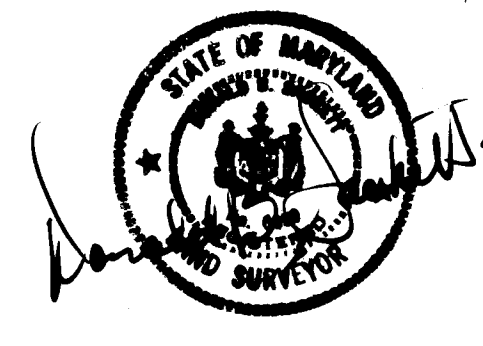
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 4-13-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 4-16-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE.
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 4-9-84

CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 4-6-84

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 3-9-84



CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

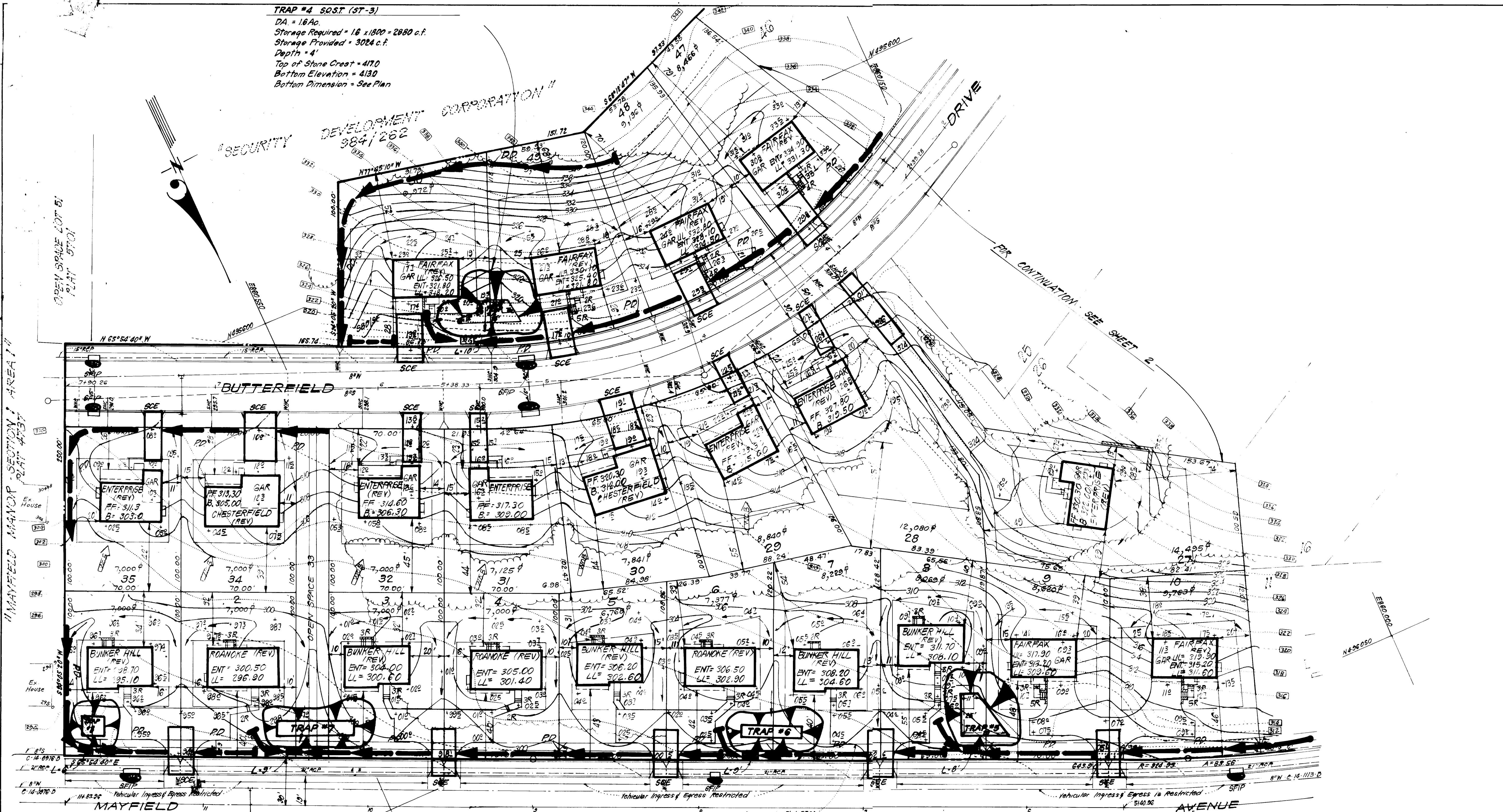
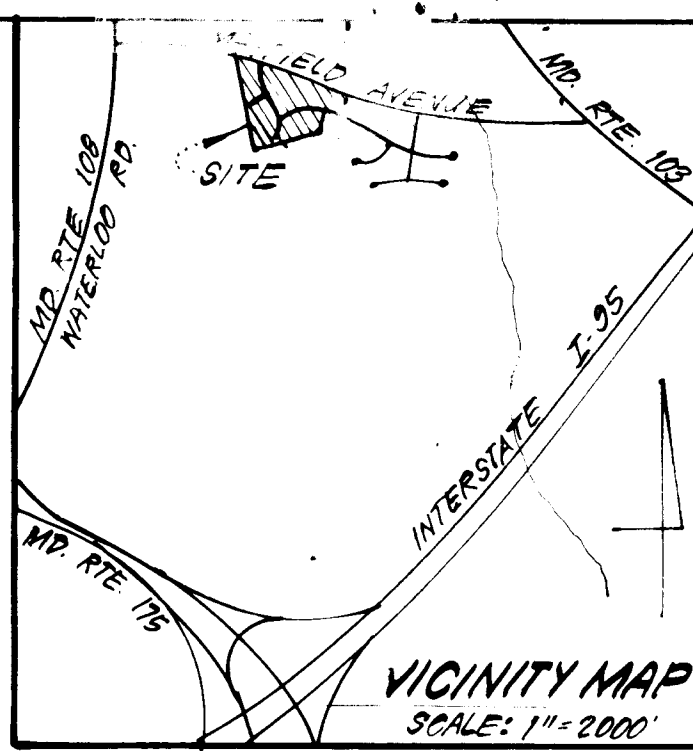
DESIGNED	J.M.E.	SCALE	1"=30'
DRAWN	K.W.	DRAWING	20F 5
CHECKED	J.M.E.	JOB NO.	83090
DATE	7-3-84	FILE NO.	83-090-X

SITE DEVELOPMENT PLAN
 LOTS 1 THRU 32, 34, 35 & 37 THRU 50
MAYFIELD MANOR
 SECTION 1 AREA 4
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: THE RYLAND GROUP INC. (COL DIV)
 ONE KNOLL NORTH # 509
 COLUMBIA, MD 21045

SDP-84-196

TRAP #4 SOST (ST-3)
 DA = 18 Ac.
 Storage Required = 16 x 1800 = 2880 c.f.
 Storage Provided = 3024 c.f.
 Depth = 4'
 Top of Stone Crest = 417.0
 Bottom Elevation = 413.0
 Bottom Dimension = See Plan



- LEGEND:**
- Contour Interval 2 FT.
 - Existing Contour 330
 - Proposed Contour 330
 - Spot Elevation +305
 - Direction of Drainage
 - Existing Trees to be saved
 - Walk-out Basement
 - Timber Retaining Wall
 - Straw Bale Dike/Silt Fence
 - Perimeter Dike
 - Stone Filter Inlet Protection
 - Stone Construction Entrance
 - Diversion Dike
 - Sediment Trap

TRAP #8 SOST (ST-3)
 DA = 06 Ac.
 Storage Required = 06 x 1800 = 1080 c.f.
 Storage Provided = 1080 c.f.
 Depth = 3'
 Top of Stone Crest = 294.0
 Bottom Elevation = 291.0
 Bottom Dimension = 14 x 12'

TRAP #7 SOST (ST-3)
 DA = 14 Ac.
 Storage Required = 14 x 1800 = 2520 c.f.
 Storage Provided = 2544 c.f.
 Depth = 3'
 Top of Stone Crest = 297.0
 Bottom Elevation = 294.0
 Bottom Dimension = 47 x 10'

TRAP #6 SOST (ST-3)
 DA = 15 Ac.
 Storage Required = 15 x 1800 = 2700 c.f.
 Storage Provided = 2700 c.f.
 Depth = 4'
 Top of Stone Crest = 303.0
 Bottom Elevation = 299.0
 Bottom Dimension = 37 x 7'

TRAP #5 SOST (ST-3)
 DA = 13 Ac.
 Storage Required = 13 x 1800 = 2340 c.f.
 Storage Provided = 2418 c.f.
 Depth = 3'
 Top of Stone Crest = 305.0
 Bottom Elevation = 302.0
 Bottom Dimension = See Plan

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* 4-13-84
 DATE
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* 4-16-84
 DATE
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* 4-9-84
 DATE
 CHIEF BUREAU OF ENGINEERING: *[Signature]* 4-6-84
 DATE

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 3-9-84
[Signature]

Reviewed for: *[Signature]* S.C.D.
 Name: *[Signature]* Requirements: *[Signature]* 4-1-84
 Date
 U.S. Soil Conservation Service

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

[Signature] 4-4-84
 Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE
 "I/We certify that all development and construction will be done according to the approved plan and specifications for erosion and sediment control and all requirements of the Soil Conservation District. I/We certify that the project will be completed in accordance with the approved plan and specifications and that the project will be completed in accordance with the approved plan and specifications and that the project will be completed in accordance with the approved plan and specifications."
 MAURICE M. SIMPKINS 2-7-84
 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 2-7-84
 Date



SUBDIVISION NAME MAYFIELD MANOR		SECT./AREA 1/4	LOT/PARCEL # 1-32, 34, 35, 37, 50
PLAT OR LIT. BLOCK # 5701, E 5702		ZONE RSC	ROW/ROW AREA FILED DIST. 37 P. 162 1ST 60/11
WATER CODE DOG		SEWER CODE 255.0000	
CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400			
DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 32, 34, 35 & 37 THRU 50		SCALE 1" = 30'
DRAWN BAF KIN	MAYFIELD MANOR		DRAWING 30-5
CHECKED J.L.S.	SECTION 1 AREA 4 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND		JOB NO. 83-090
DATE 2-7-84	FOR: THE RIVLAND GROUP INC. (COL DIV.) ONE KNOLL NORTH # 503 COLUMBIA, MD. 21045		FILE NO. 83-090-5C

SDP-84-196

TRAP #3 S.O.S.T. (ST-3)
 DA = 0.4 Ac.
 Storage Required = 0.4 x 1800 = 720 c.f.
 Storage Provided = 720 c.f.
 Depth = 3'
 Top of Stone Crest = 344.0
 Bottom Elevation = 341.0
 Bottom Dimension = 10' x 9'

TRAP #2 S.O.S.T. (ST-3)
 DA = 0.5 Ac.
 Storage Required = 0.5 x 1800 = 900 c.f.
 Storage Provided = 920 c.f.
 Depth = 4'
 Top of Stone Crest = 332.0
 Bottom Elevation = 328.0
 Bottom Dimension = 15' x 2'

TRAP #1 S.O.S.T. (ST-3)
 DA = 17 Ac.
 Storage Required = 17 x 1800 = 3060
 Storage Provided = 3060 c.f.
 Depth = 4'
 Top of Stone Crest = 313.0
 Bottom Elevation = 309.0
 Bottom Dimension = 43' x 7'



Reviewed by: Howard S.C.D.
 and the Technical Requirements
 Signature: _____ Date: _____
 U.S. Soil Conservation Service

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

Approved: _____ 4-14-84
 Date

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: _____ 4-13-84
 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: _____ 4-16-84
 DATE

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.: _____ 4-16-84
 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: _____ 4-9-84
 DATE

CHIEF BUREAU OF ENGINEERING: _____ 4-6-84
 DATE

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 3-9-84

I hereby certify that all development shown on this plan is in accordance with the plan of subdivision and that all necessary approvals have been obtained from the appropriate agencies, as required by the provisions of the Subdivision Control Act, Article 21, Section 2-101, of the Annotated Code of Maryland, and that the plan is in accordance with the requirements of the Howard Soil Conservation District.
 Maurice M. Simpkins 2-7-84
 MAURICE SIMPKINS

ENGINEER'S CERTIFICATE
 I hereby certify that the erosion and sediment control measures are practical and workable and that the plan is in accordance with the requirements of the Howard Soil Conservation District.
 G. Nelson Clark 2-7-84
 G. Nelson Clark Date



SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
MAYFIELD MANOR	1/4	1-32, 34, 35, 37, 50
PLAT/BLK/BLDG	ZONE	TAX/ZONE MAP/LEB. DIST./REVENUE TR.
5701 & 6102	15 RSP	37 P. 62 1ST 6011
WATER CODE	SEWER CODE	
DOG	255.0000	

CLARK · FINEFROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

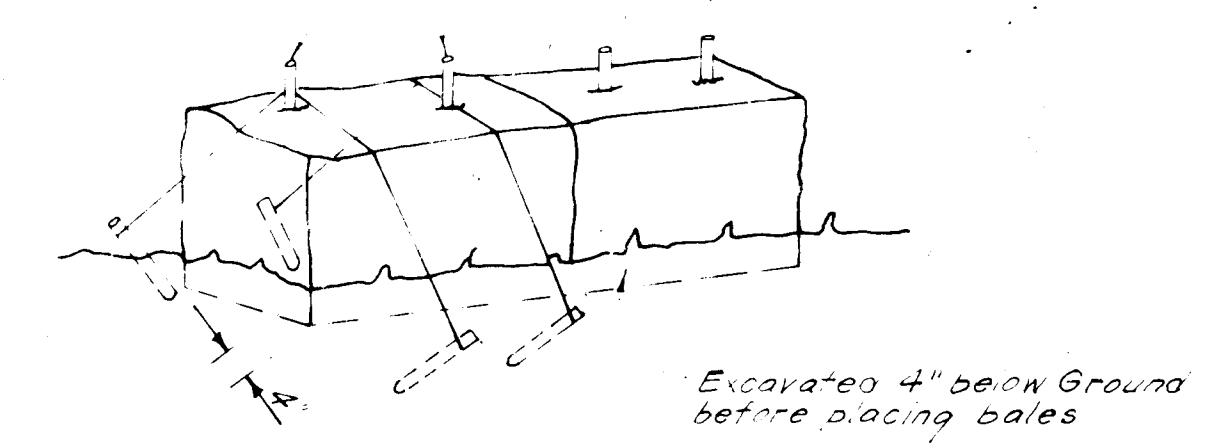
DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 32, 34, 35 & 37 THRU 50 MAYFIELD MANOR SECTION 1 AREA 4 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: THE RYLAND GROUP INC. (COLON) ONE KNOLL NORTH # 503 COLUMBIA, MD 21045	SCALE 1" = 30'
DRAWN BAF		DRAWING 4 OF 5
CHECKED J.L.S.		JOB NO. 83.000
DATE 2-7-84		FILE NO. 83-000 SE

GENERAL NOTES

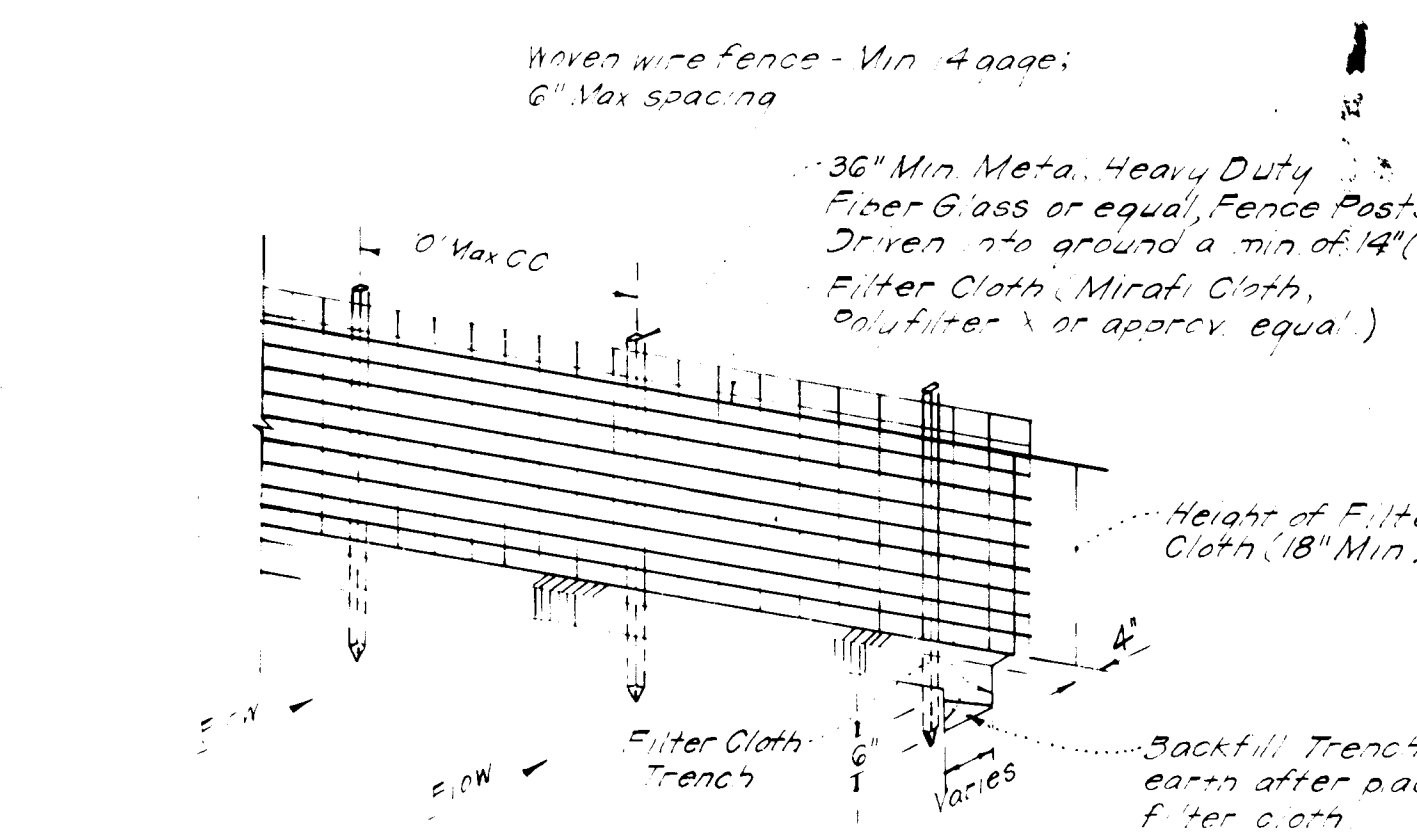
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual ryegrass 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 3 lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% Chewina Fescue, 20% Kentucky 31 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 70-80 lbs/1000 sf. Mulch shall be secured to the ground by any approved method e.g. asphalt tackers, chemical broom 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.
- 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 or any borrow or export of waste material from this site.
- All pipes to be blocked at the end of each day. See note #15.
- Total Amount of Straw Bales or Silt Fence shown = 400 L.F.
- SITE ANALYSIS:**
 - Total Area: 9556 Acres
 - Area to be Roofed: 1,224 Acres
 - Area to be Paved: 0,875 Acres
 - Area to be Seeded: 5,306 Acres
 - Area Undisturbed: 2,151 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-Sod" basis at various Stage of Sediment Control as shown on this sheet, shall be implemented.

Excavated 4" below Ground before placing bales

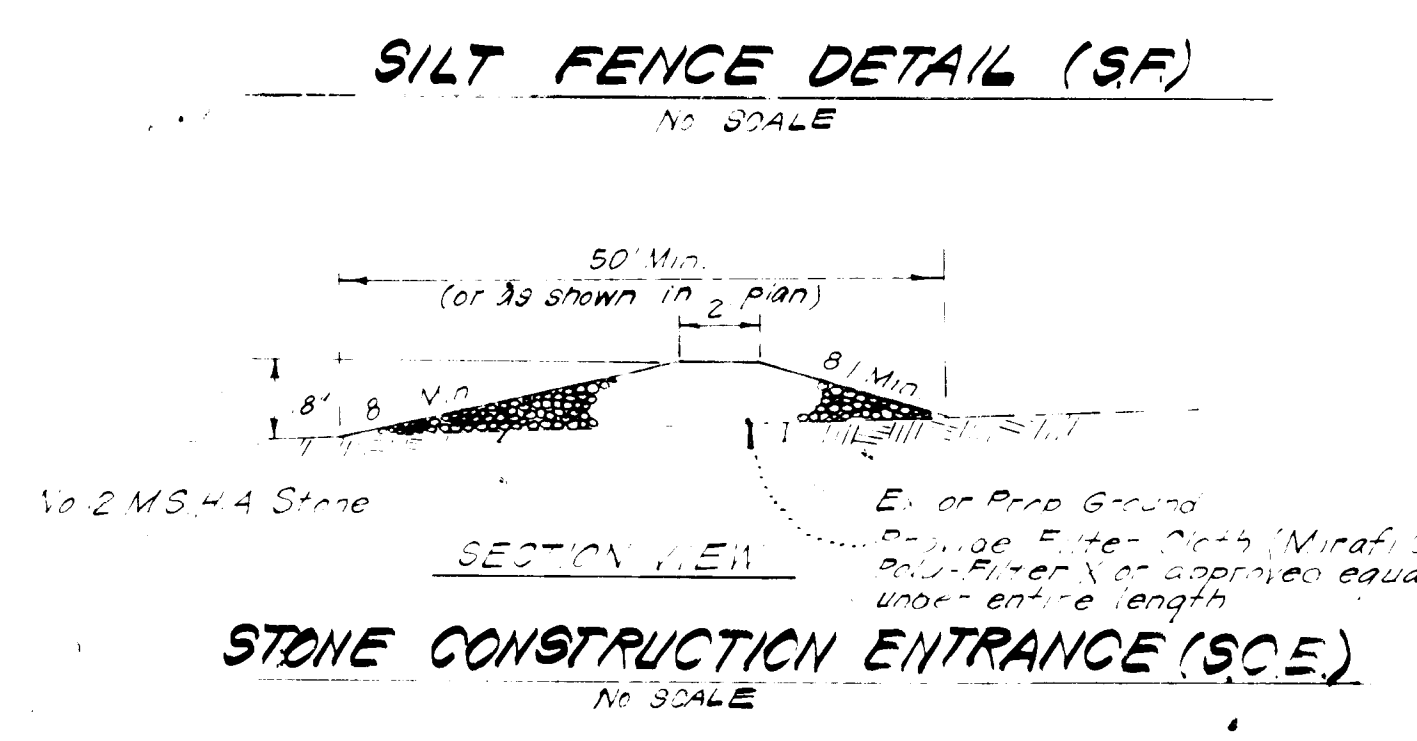
Notes:
1. Use of the use of repairs each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)



STRAW BALE DIKE DETAIL (S.B.D.)
No SCALE



SILT FENCE DETAIL (S.F.)
No SCALE



STONE CONSTRUCTION ENTRANCE (S.C.E.)
No SCALE

Reviewed for: Howard S.C.D. Name
and meets Technical Requirements
Robert Zehm 4-4-84 Signature Date
U.S. Soil Conservation Service

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

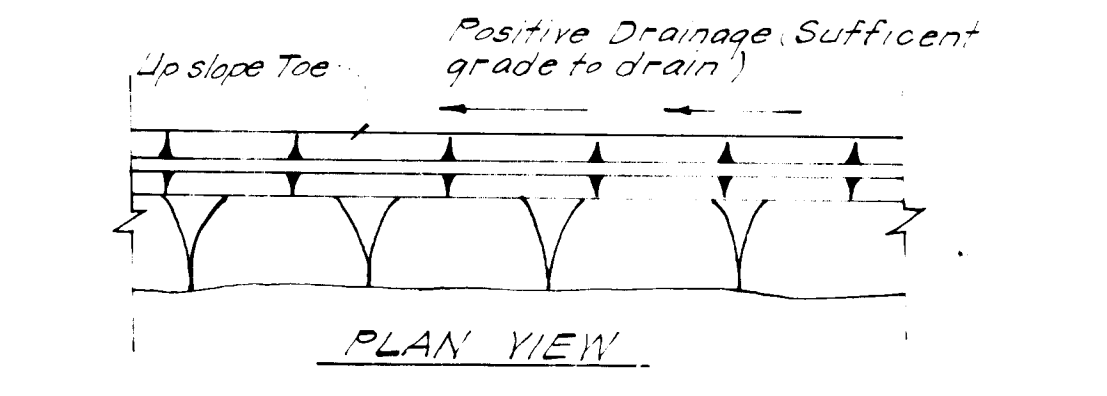
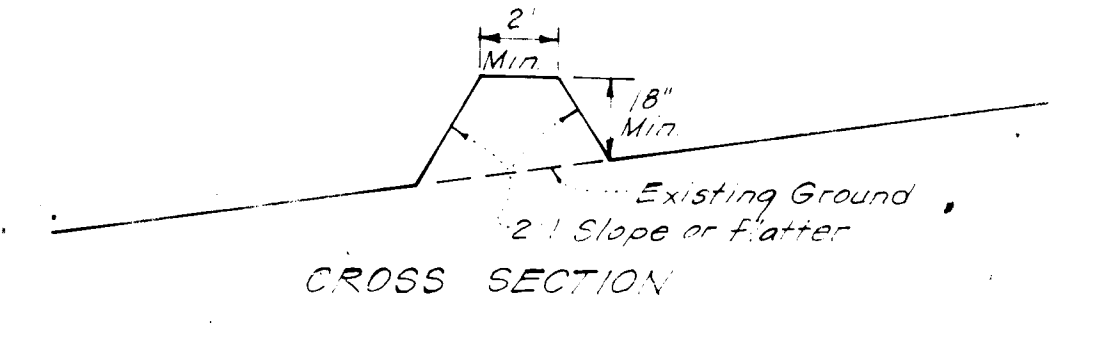
Robert Zehm 4/4/84 Approved Date

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
James M. Harris 4-13-84
COUNTY HEALTH OFFICER DATE

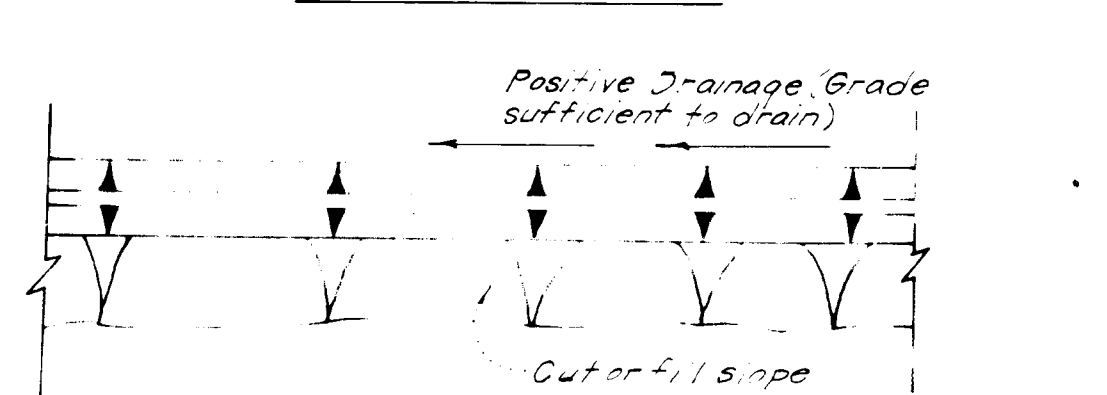
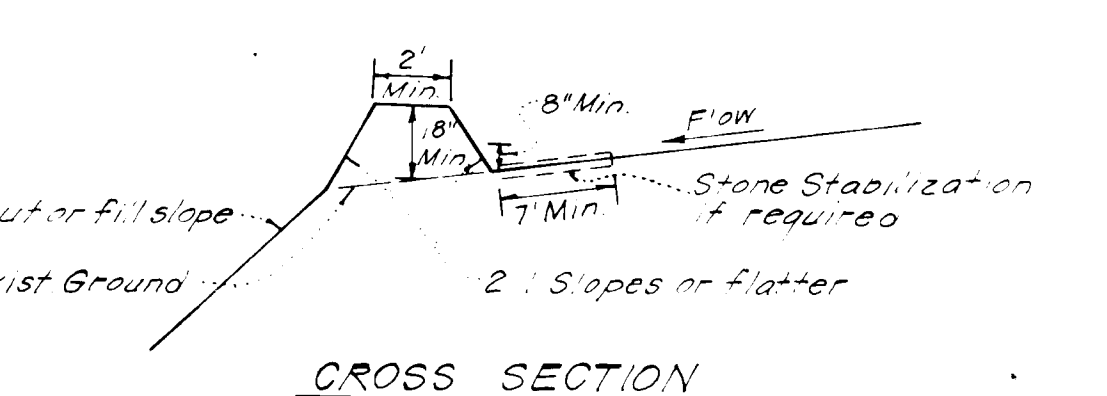
APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
Thomas M. Harris 4-16-84
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Yemmy F. Newmyer 4-9-84
CHIEF BUREAU OF ENGINEERS DATE

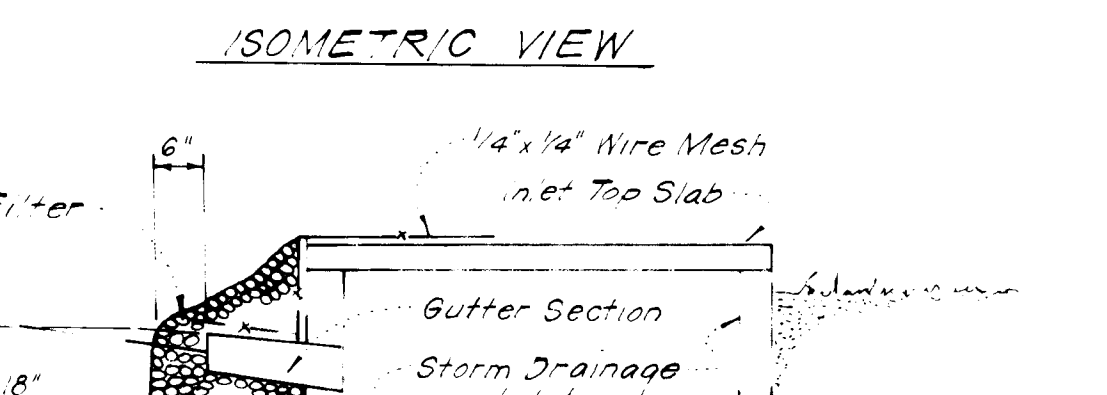
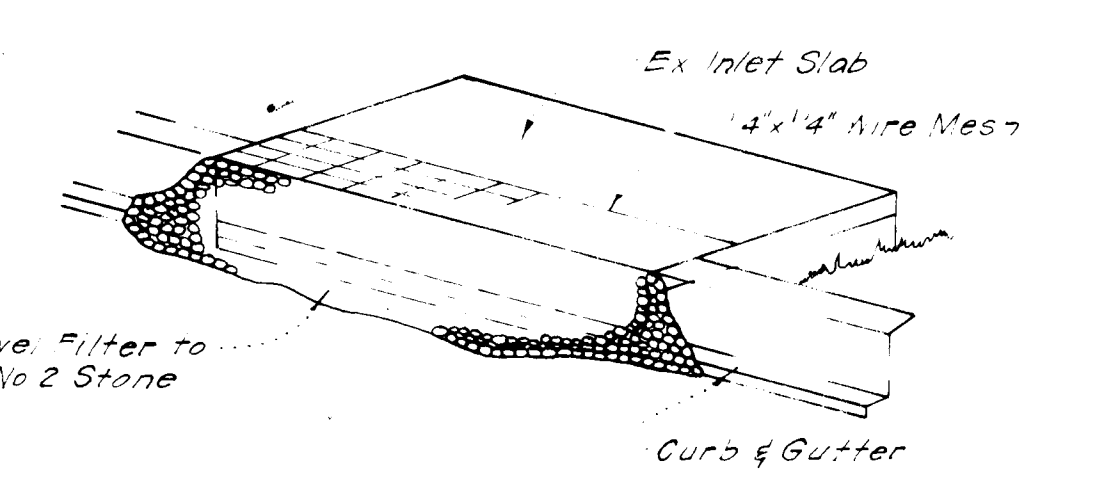
APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 3-9-84



PERIMETER DIKE (P.D.)
No SCALE

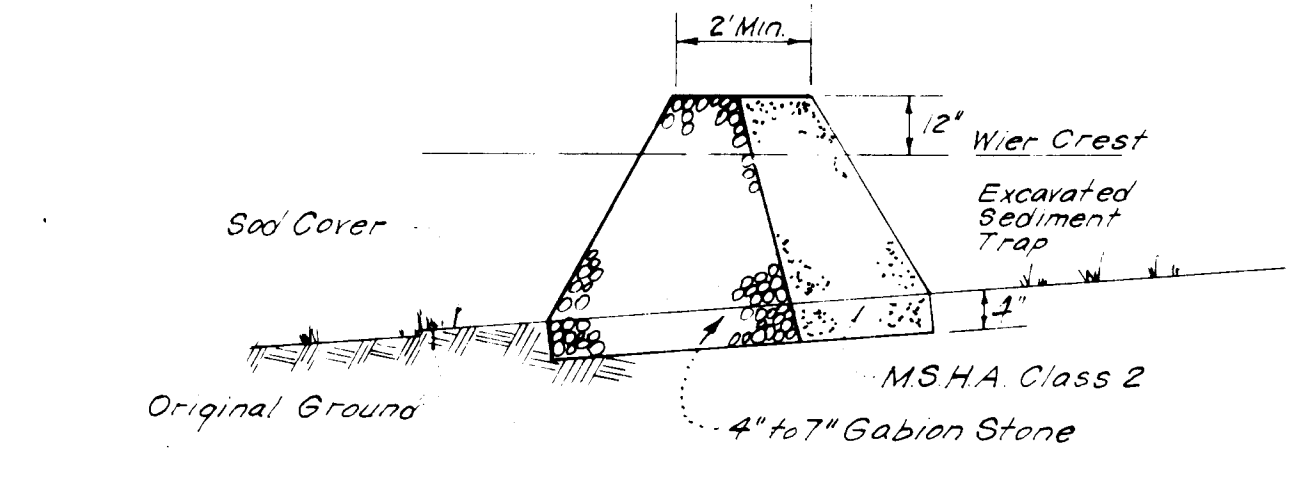


DIVERSION DIKE (D.D.)
No SCALE

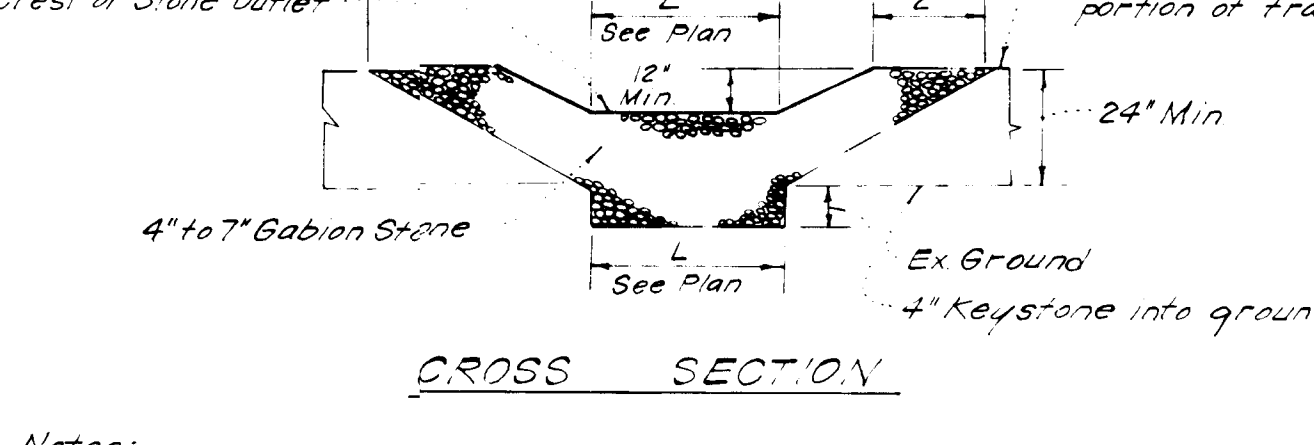


STONE FILTER INLET PROTECTION (S.F.I.P.)
No SCALE

6" P.C. perforated Pipe Underdrain to be installed at time of inlet construction. Do not install perforated pipe and stone below ground if inlet and/or silt fence are constructed.



DETAILS OF STONE FILTER OUTLET FOR STONE OUTLET SEDIMENT TRAP
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.

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



ENGINEER'S CERTIFICATE

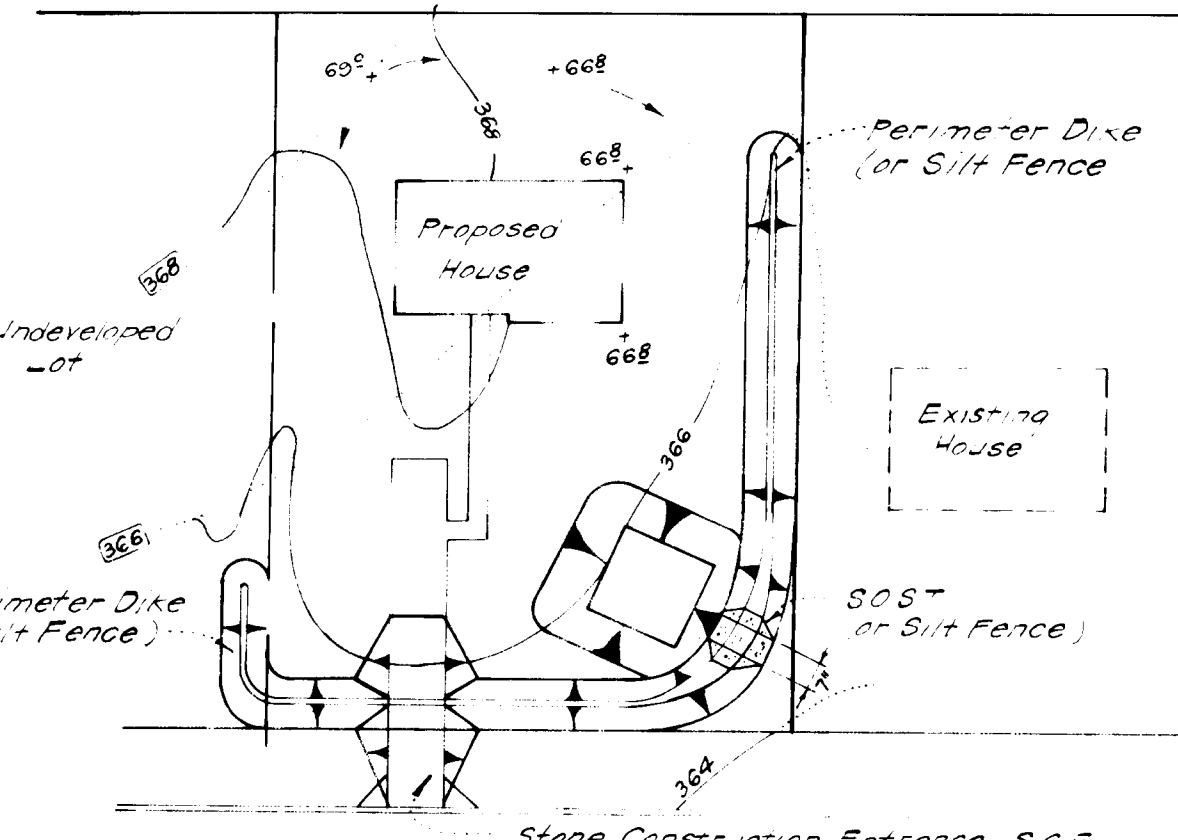
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

G. Nelson Clark 2-7-84 Date

DEVELOPER'S CERTIFICATE

I hereby certify that all development and construction will be done according to this plan of development and that all responsible personnel involved in the construction of this project will have a Certificate of Attendance at a Dept. of Public Works Approved Training Program for the Control of Soil Erosion before beginning the project. I hereby certify that the site inspection by the Howard Soil Conservation District and its authorized Agents is satisfactory.

Maurice Simpkins 2-7-84 Date



SINGLE LOT SEDIMENT CONTROL PLAN
No SCALE

SOST*		
Lot Size	14.40	12.40
Area	21	6
Depth	2	2
Back Slope	11	20
Perimeter	11	20
Back Area	2.6	286.6

APPROVED: Department of Public Works
G. Nelson Clark Chief, Bureau of Engineering
APPROVED: Howard County Office of Planning and Zoning
Thomas M. Harris Chief, Division of Land Development & Zoning

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

DESIGNED: J.L.S. SEDIMENT & EROSION CONTROL PLAN FOR LOTS 1 THRU 32, 34, 35 & 37 THRU 50
DRAWN: BAF MAYFIELD MANOR SECTION 1 AREA 4
CHECKED: J.L.S. PRELECTION DISTRICT HOWARD COUNTY MARYLAND
DATE: 2-7-84 For: The Ruland Group Inc. (DCI, INC.) One Knoll, North Drive, Suite 503 Columbia, Md. 21045