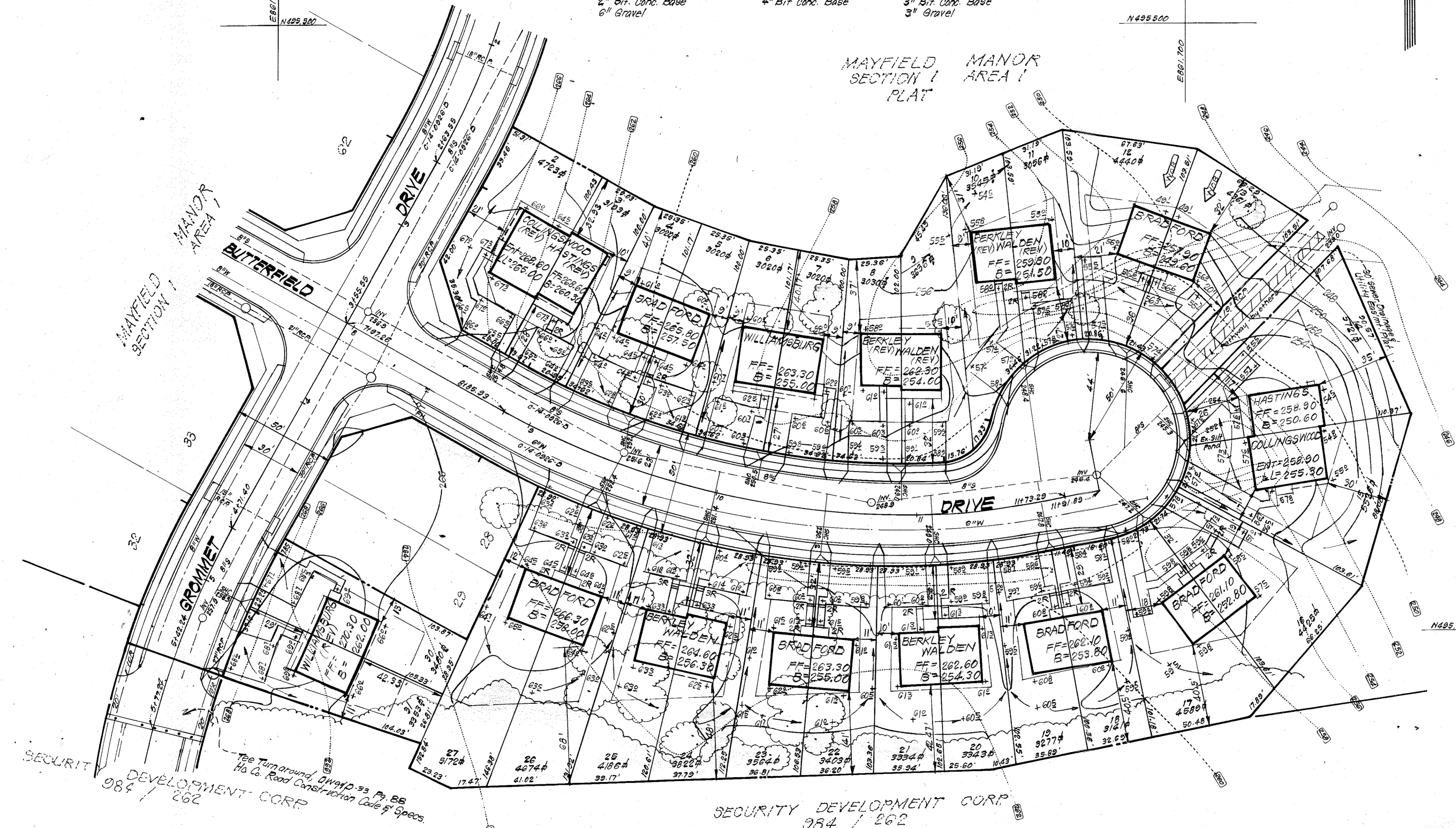
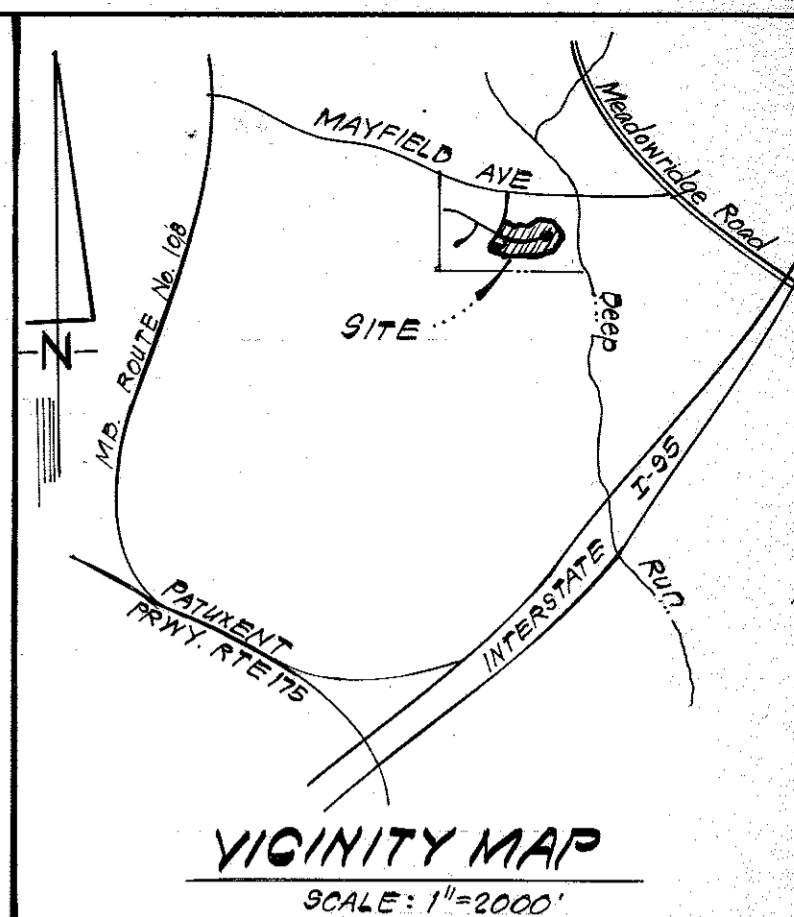


PLAN
DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER

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

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

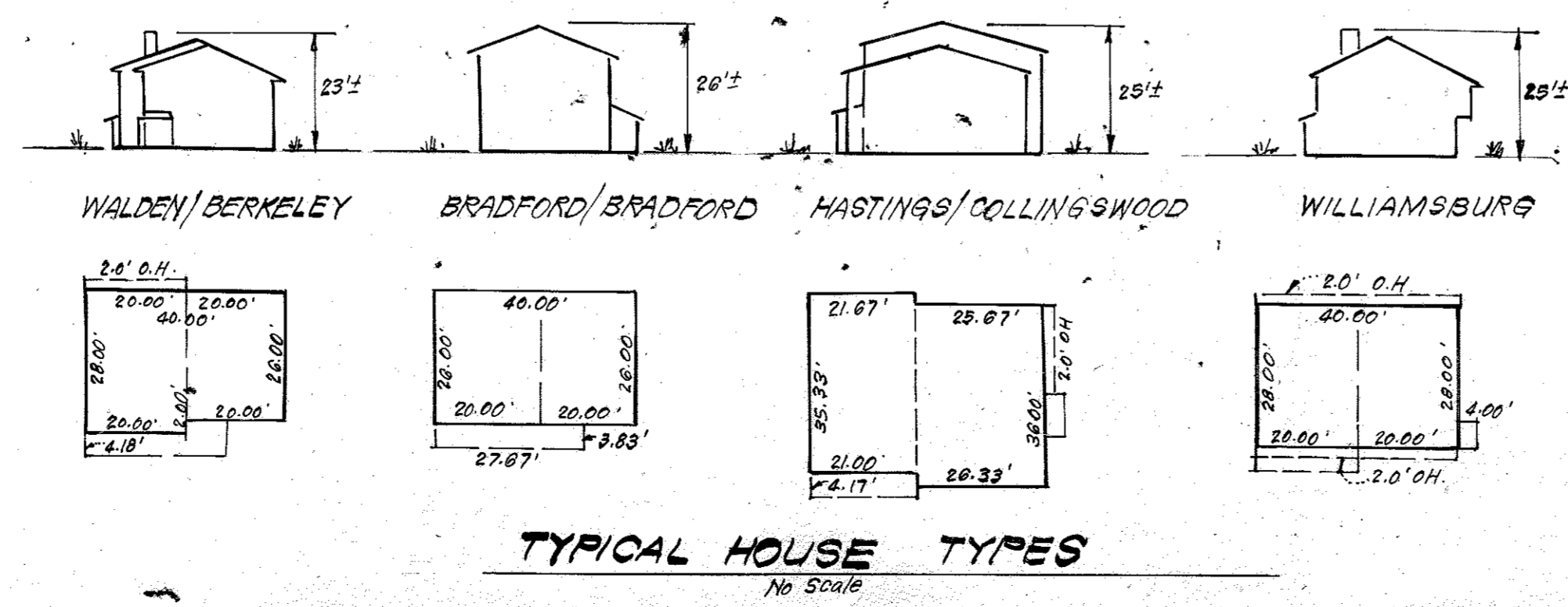
ALTERNATE #3: 1 1/2\"/>



- GENERAL NOTES:**
- The Land included in this plan is zoned: R.S.C.
 - Coordinates shown are extensions made from the Maryland State Plane Coordinate System. Bearings refer to true north and are based on Howard County Geodetic Survey Monument No. 24440003.
 - The area covered in this submission is located on Tax Map #37.
 - The total area included on this plan is 2.447 Acres.
 - All roadways are public and existing.
 - Any damage to county owned rights of way shall be corrected at the developers expense.
 - Total Number of Lots: 28
- LEGEND:**
- Contour Interval: 2 FT
 - Existing Contour: ---
 - Proposed Contour: - - -
 - Spot Elevation: +705
 - Direction of Drainage: →
 - Exist. Trees to be retained: (tree symbol)

STREET TREES
Street trees shall be Planted by the Developer, Security Development Corp., at a rate of at least one tree per 40' of lot frontage, and in accordance with Section 16181 of the subdivision and land development Regulations of Howard County.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 12-9-80



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 1-20-81

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 1-21-81

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 1-19-81

DATE 1-16-81

OWNER:
SECURITY DEVELOPMENT CORP.
8450 Baltimore National Pike
Ellicott City, Md 21043

Plat Reference: P4737

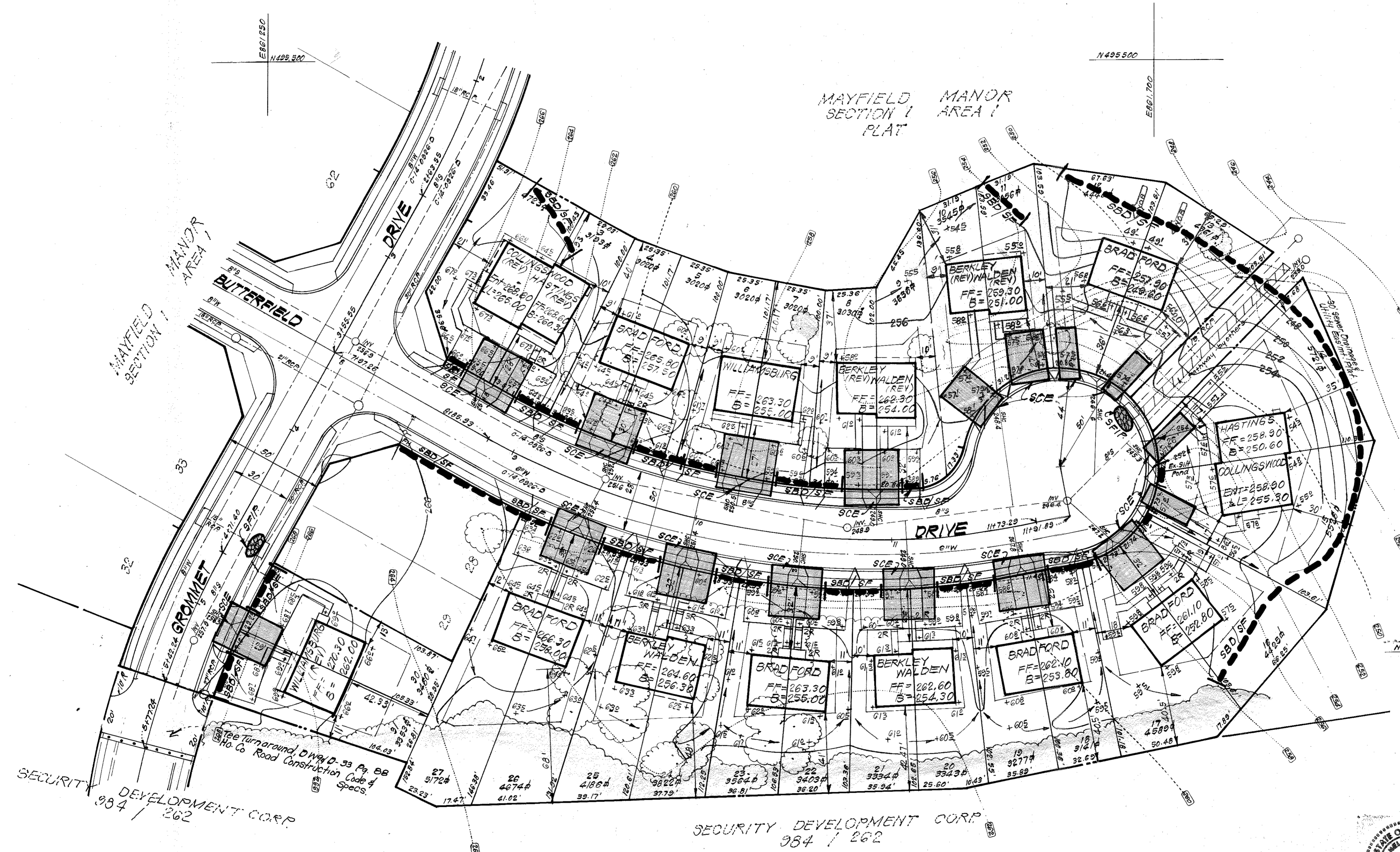
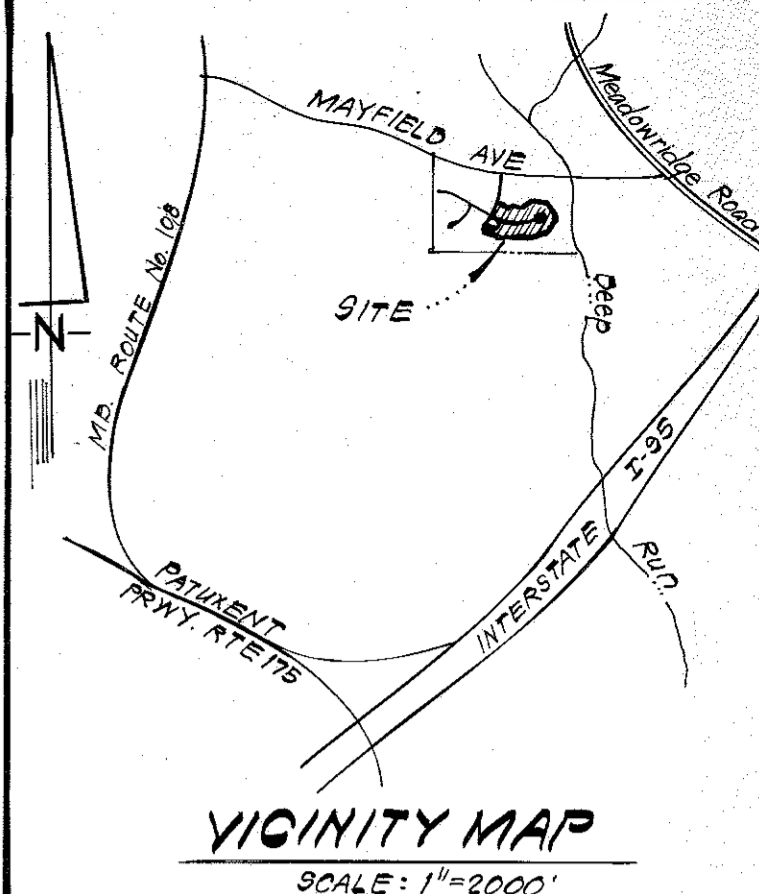
CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED: J.M.E. SCALE: 1\"/>

DRAWN: K.I.W. DRAWING: 1 of 3

CHECKED: J.M.E. JOB NO.: 80-092

DATE: Nov. 1980 FILE NO.: 80-092-X



- LEGEND:**
- 1. Contour Interval 2 FT
 - 2. Existing Contour
 - 3. Proposed Contour
 - 4. Spot Elevation +705
 - 5. Direction of Drainage
 - 6. Exist. Trees to be retained
 - 7. Stone Construction Entrance SCE
 - 8. Stone Filter Inlet Protection S.F.I.P.
 - 9. Straw Bale Dike or Silt Fence S.B.D./S.F.

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

[Signature] 1-20-81
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

[Signature] 1-21-81
PLANNING DIRECTOR DATE

[Signature] 1-21-81
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

[Signature] 1-19-81
DIRECTOR DATE

[Signature] 1-16-81
CHIEF BUREAU OF ENGINEERING DATE

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

[Signature] 12-30-80
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] 12-30-80
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 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."

[Signature] 11-10-80
Signature of Developer/Builder Date

Lowrie B. Sargent

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] 11-10-80
G. Nelson Clark Date

G. Nelson Clark

OWNER:
SECURITY DEVELOPMENT CORP.
8450 Baltimore National Pike
Ellicott City, Md 21043

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 27 THRU 27 AND 30 & 31 MAYFIELD MANOR	SCALE 1"=30'
DRAWN K.I.W.		DRAWING 2 of 3
CHECKED J.L.S.	SECTION ONE AREA 1 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 80-092
DATE Nov 1980	FOR: The Ryland Group (Col. Division) Suite 200 W.O.M. Office Bldg. Columbia, Md 21044	FILE NO. 80-092-SE

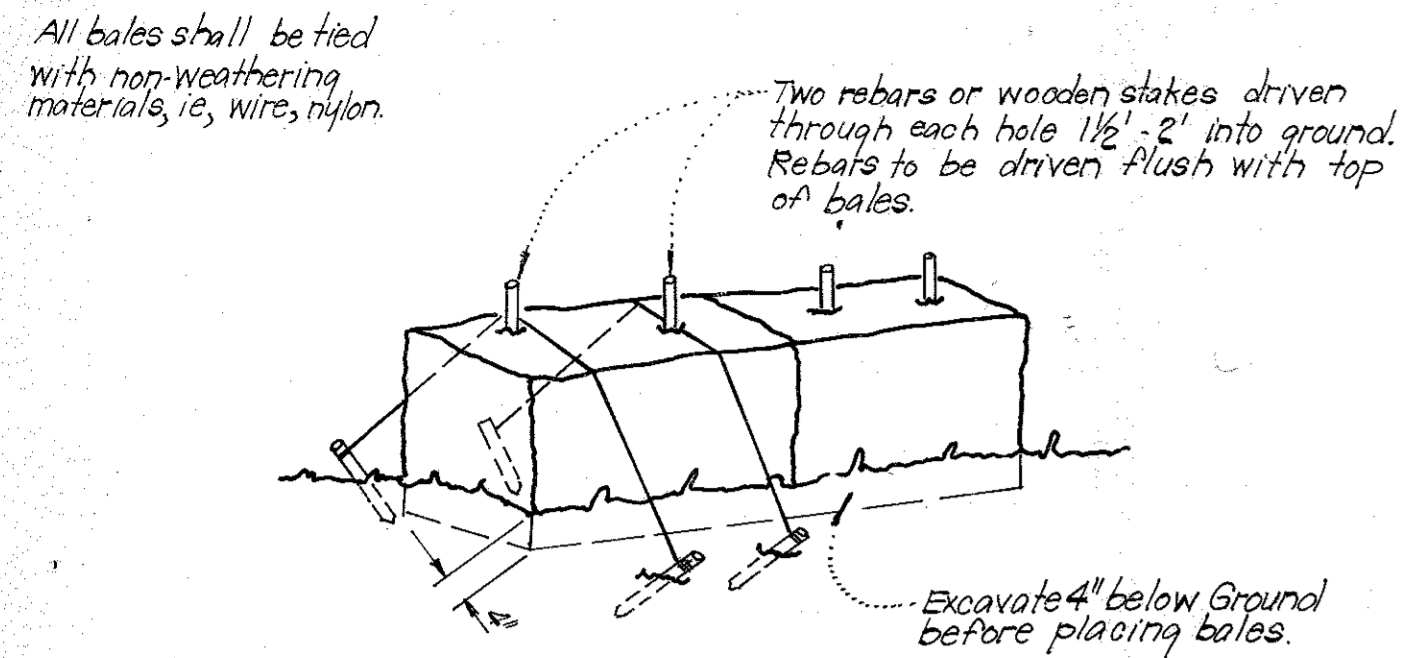
APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE 12-9-80

[Signature]

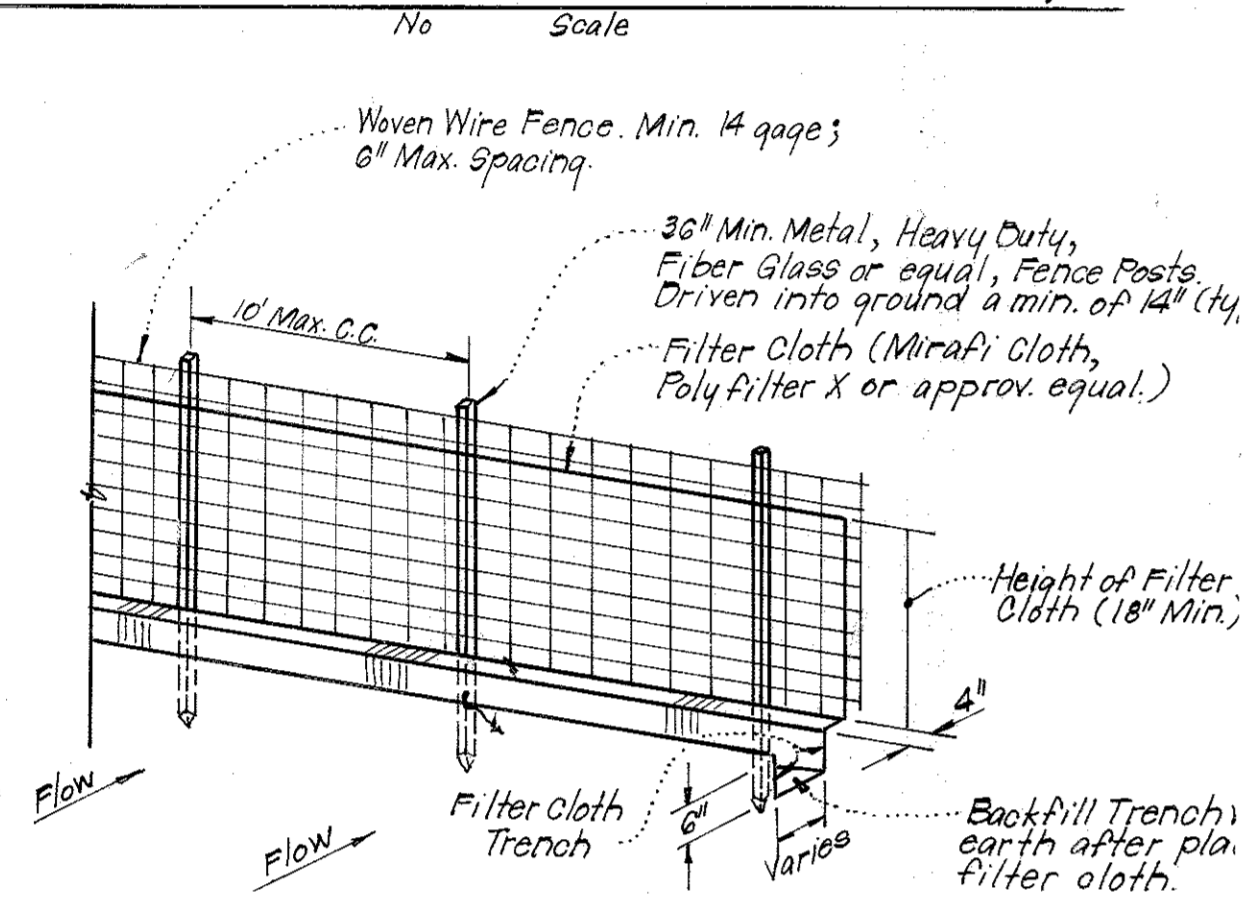
GENERAL NOTES

- 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 sq ft.
- 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/1000 sq ft. 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 sq ft. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 90 lbs/1000 sq ft.
 - Mulch - Weed Free grain straw applied at a rate of 700 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method i.e.; asphalt tack, chemical binder, etc.
 - All Seed 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.
- 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 = 881 LF
- SITE ANALYSIS:**
 - Total Area: 2.447 Acres
 - Area to be Roofed: 0.363 Acres
 - Area to be Paved: 0.337 Acres
 - Area to be Seeded: 1.132 Acres
 - Area Undisturbed: 0.228 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.



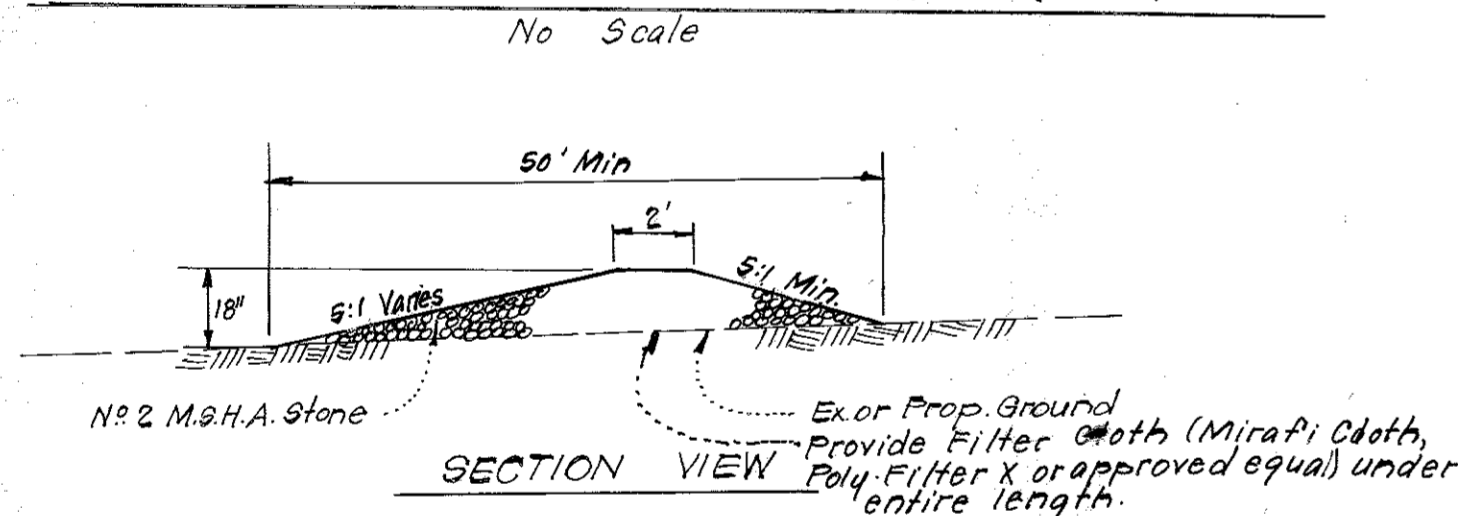
Note:
1. In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)

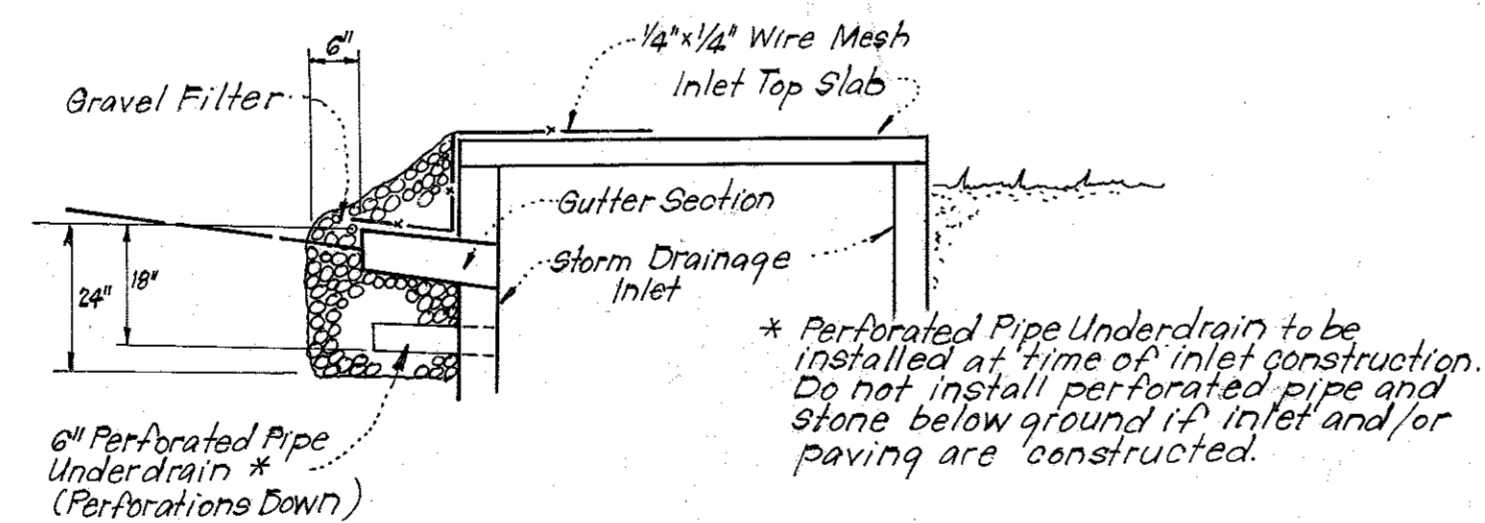
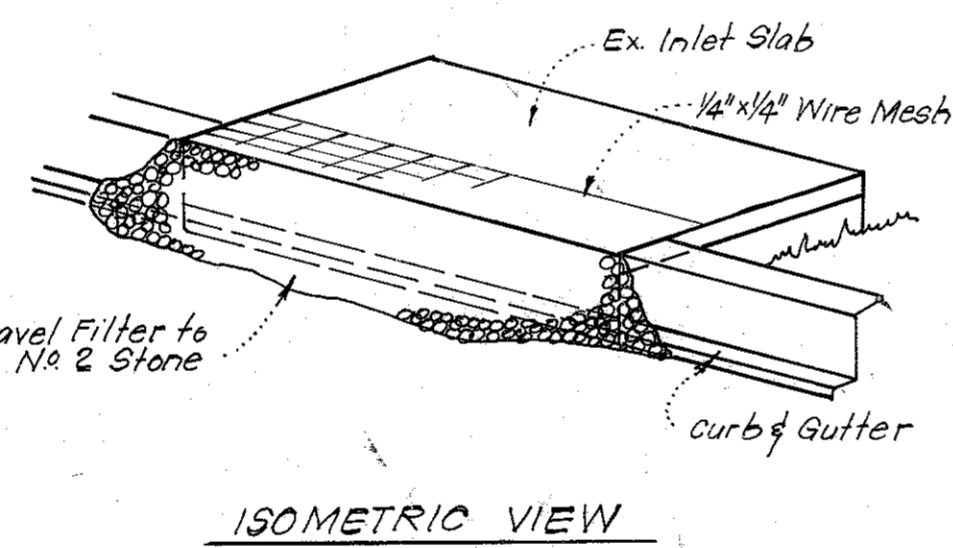


Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24"

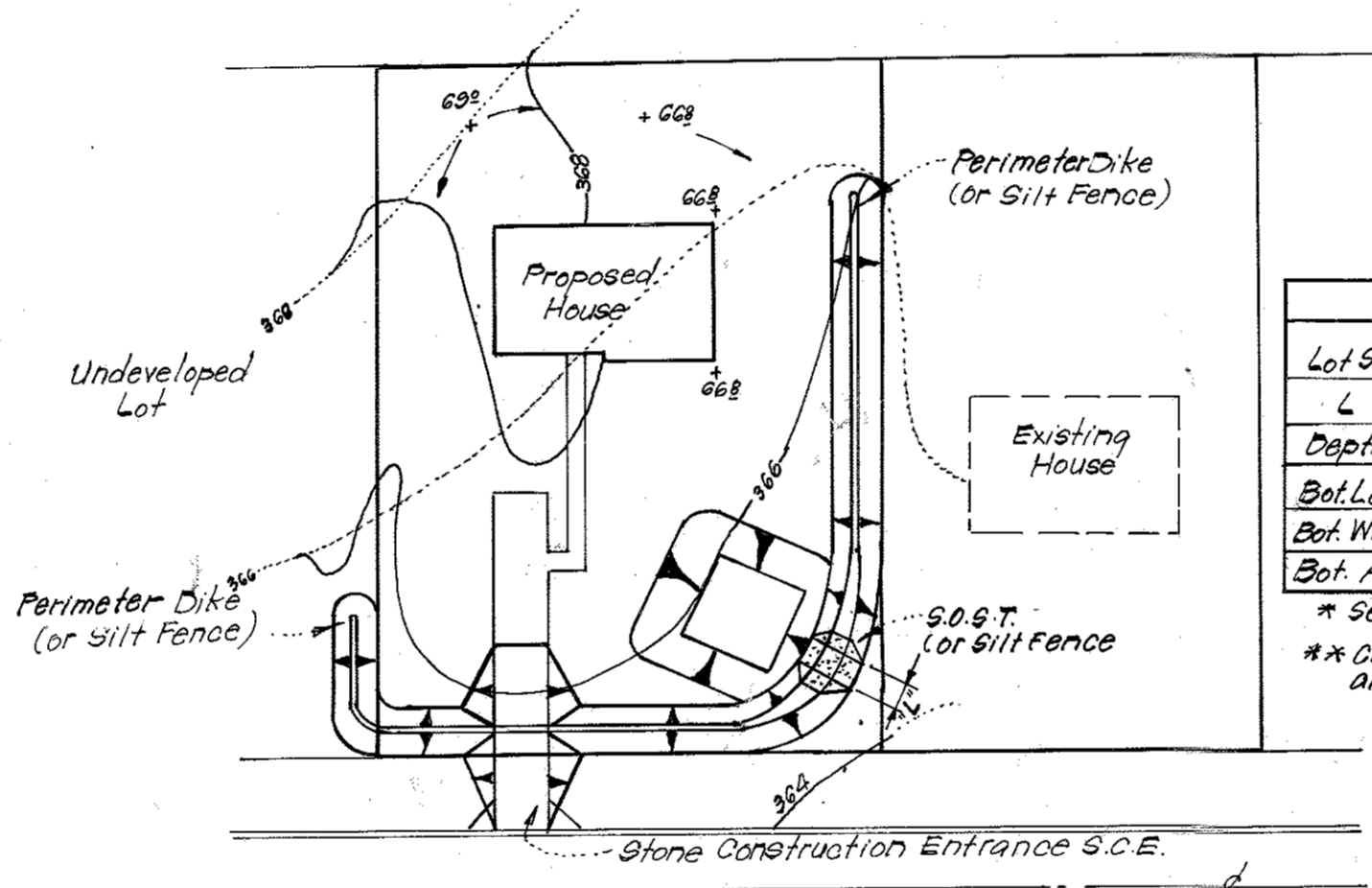
TYPICAL SILT FENCE DETAIL (S.F.)



STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)



STONE FILTER INLET PROTECTION (S.F.I.P.)



Lot Size	S.C.E. *		
	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 ft	286 sq ft	676 sq ft

* See Std. S-3 pg. 20.07 for det. not shown.
** Can be adjusted in field but bottom area must be as given or greater

TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN

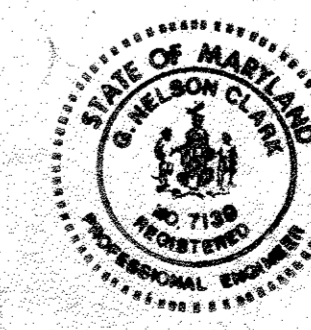
APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE 12-9-80

OWNER: SECURITY DEVELOPMENT CORP.
8450 Baltimore National Pike
Ellicott City, Md. 21043

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

DESIGNED	J.L.S.	SCALE	As Shown
DRAWN	K.I.W.	JOB NO.	80-092
CHECKED	J.L.S.	FILE NO.	80-0295
DATE	Nov. 1980	FOR:	The Ryland Group (Col. Division) Suite 200 Y.M. Office Bldg. Columbia, Maryland 21044



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 of Engineer: Howard Clark Date: 11-10-80

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."

Signature of Developer/Builder: Lowrie B. Sargent Date: 11-10-80

Reviewed for: Howard Clark S.C.D.
Name: Howard Clark
and meets Technical Requirements
Signature: Howard Clark Date: 12-30-80
U.S. Soil Conservation Service

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

Signature: William T. Rame Date: 12-30-80

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: John P. Vuko DATE: 1-20-81

APPROVED - HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR: John W. Muechman DATE: 1-21-81
CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: John F. Nummy DATE: 1-19-81
CHIEF BUREAU OF ENGINEERING: John P. Vuko DATE: 1-16-81