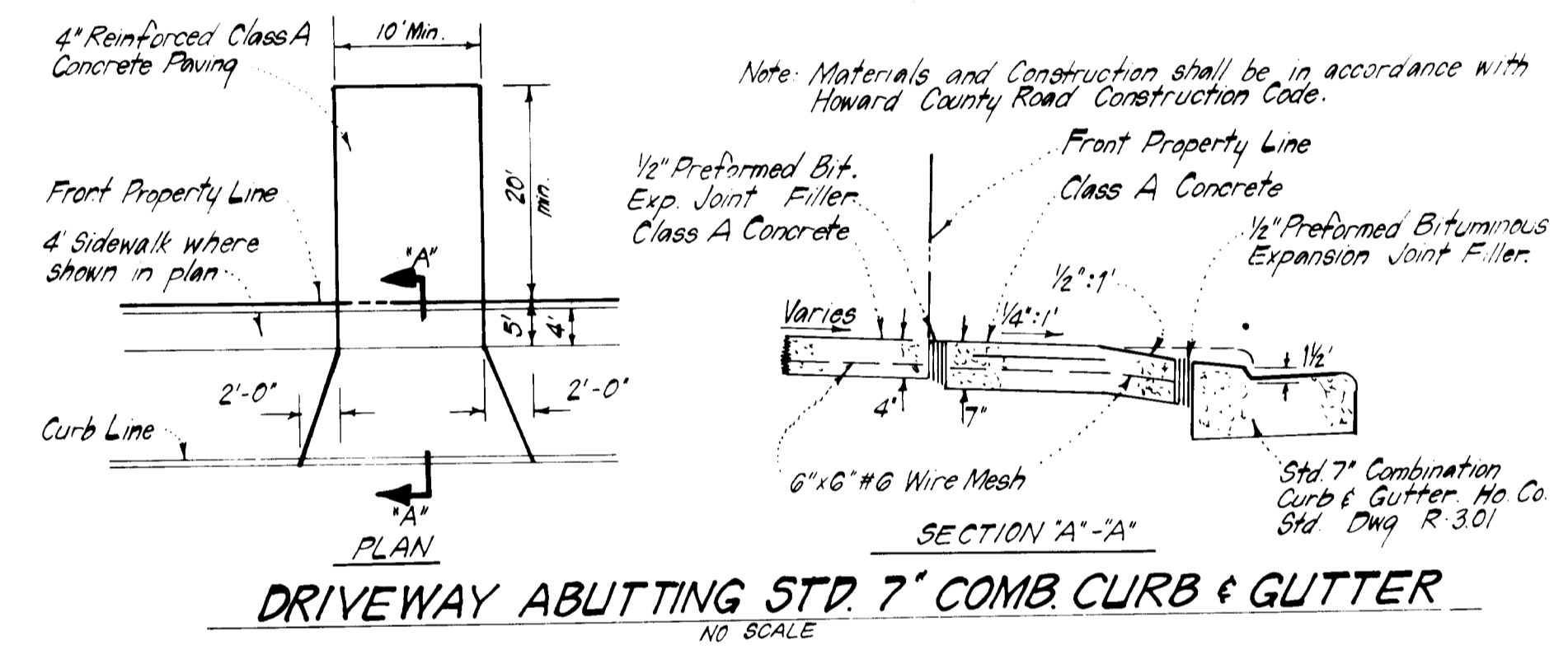
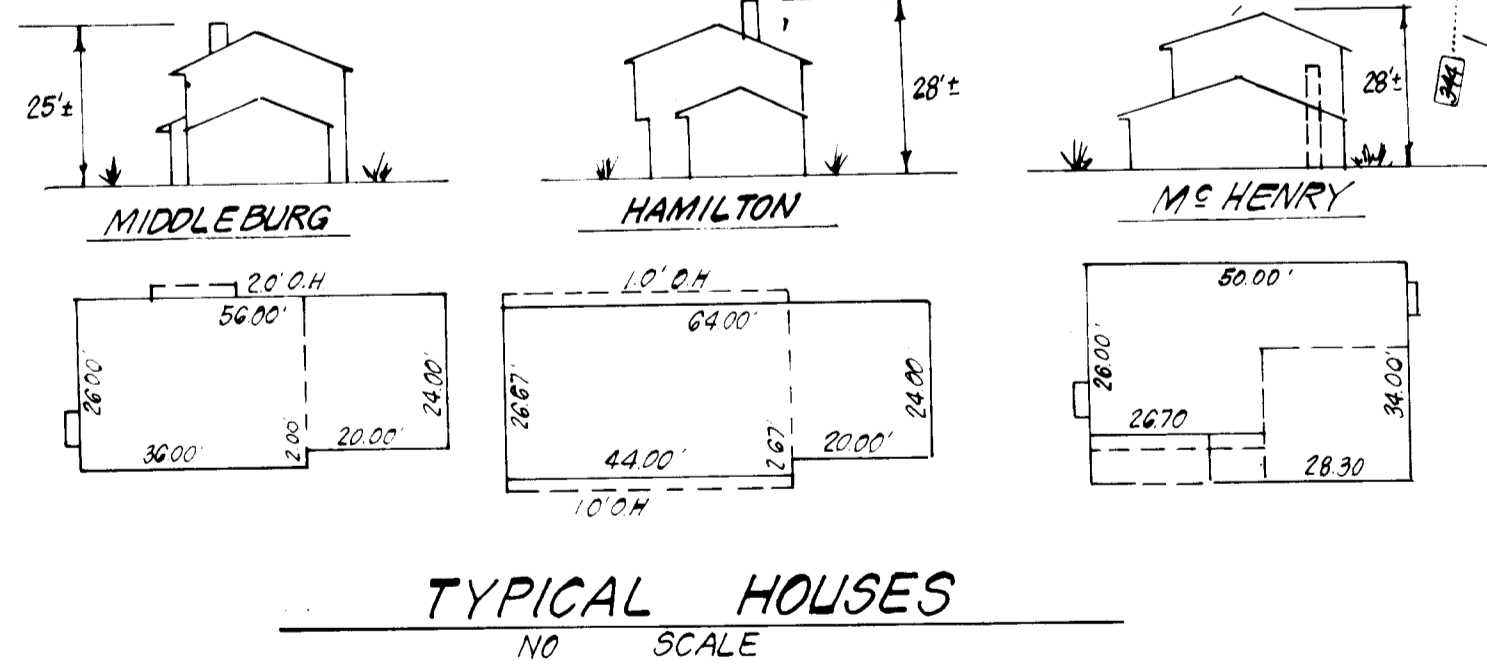


- GENERAL NOTES:**
- The land included in this plan is zoned R-20.
  - All coordinates are extensions made from Maryland State Plane Coordinate System. Bearings refer to true North and are based on Maryland Bureau of Control Surveys Point "Columbia Reset 1966" N 51° 20' 05.04", E 846.138 78.
  - Tax Map No 24.
  - All roadways are Public & Existing.
  - Total Area: 3.684 Acres.
  - Any damage to county owned rights-of-way shall be corrected at the Developer's expense.
  - Total number of lots in this plan: 7.

- LEGEND:**
- Contour Interval
  - Existing Contour
  - Proposed Contour
  - Spot Elevation
  - Direction of Drainage
  - Existing Trees to be Retained
  - Walk Out Basement
  - 100 yr Flood Plain Elevation



**APPROVED**  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 8-6-84  
*HUM*



LOT NO	STREET ADDRESS
360	4212 Scarlet Sage Court
361	4220
362	4228
363	4232
364	4236
365	4240
366	4244

SUBDIVISION NAME	SECT./AREA	LOP/PARCEL
DORSEY HALL	5	300-366
PLAT # OF L.P./BLOCK # ZONE	TAX./ZONE/M.A.ELECT.DIST./CENSUS TR.	
4870 21 R 20	24 24	6023.01
WATER CODE	SEWER CODE	
FOB	5830000	



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
9/24/84  
DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
9-23-84  
DATE

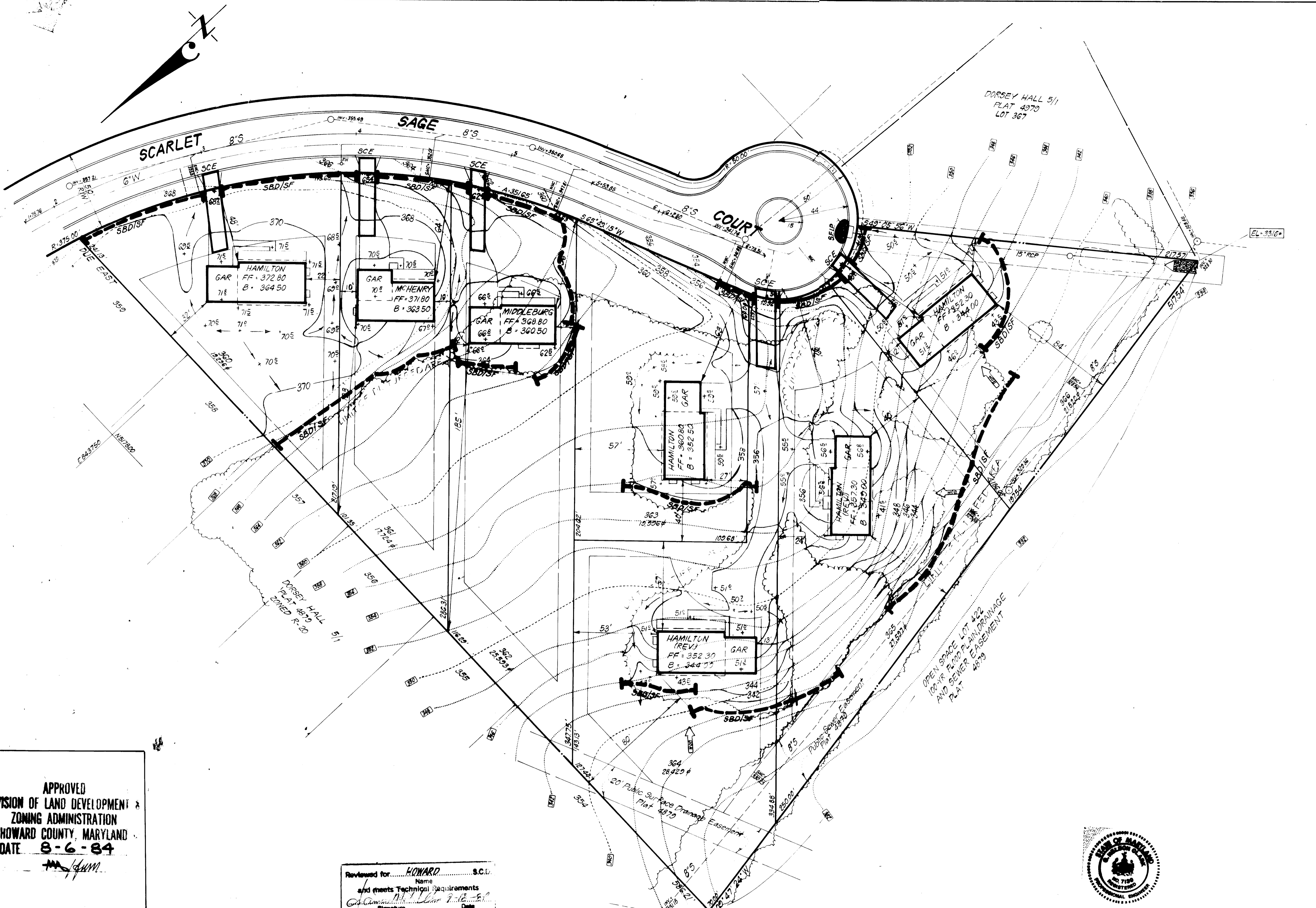
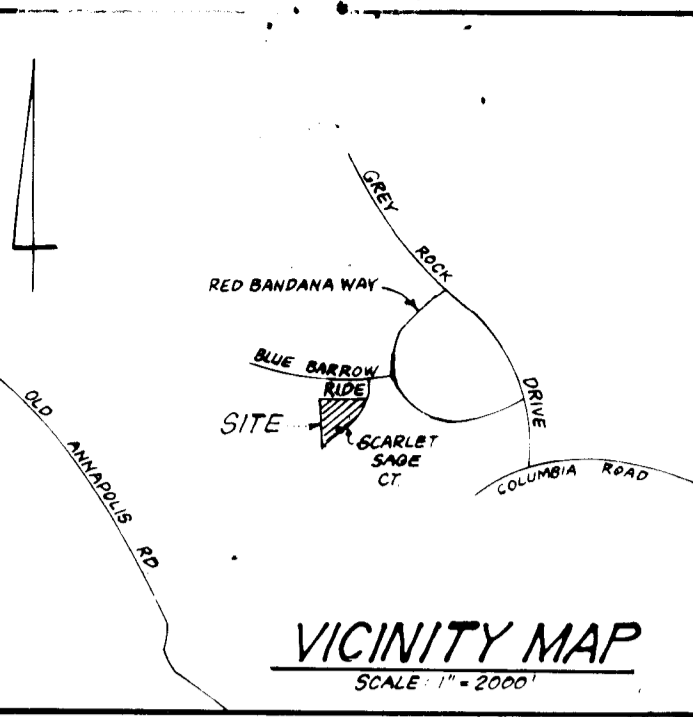
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE.  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
9-21-84  
DATE

Plat Ref: 4870

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

DESIGNED J.M.E.	<b>SITE DEVELOPMENT PLAN</b> LOTS 360 THRU 366 <b>DORSEY HALL</b> SECTION 1 AREA 5 2 <sup>ND</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'	
DRAWN BAF		DRAWING 1 of 3	
CHECKED J.M.E.		JOB NO. 83-119	
DATE 7-10-84		FOR: THE RYLAND GROUP (COL DIV.) One Knoll North Drive Suite 503 Columbia, Maryland 21045	FILE NO. 83-119-X

**SDP-85-08**



- LEGEND:**
- 1. Contour Interval 2 ft
  - 2. Existing Contour
  - 3. Proposed Contour
  - 4. Spot Elevation
  - 5. Direction of Drainage
  - 6. Existing Trees to be Retained
  - 7. Walk Out Basement
  - 8. 100 yr. Flood Plain Elevation
  - 9. Straw Bale Dike / Silt Fence
  - 10. Stone Construction Entrance
  - 11. Stone Filter Inlet Protection

**APPROVED**  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE **8-6-84**

Reviewed for: **HOWARD** S.C.D.  
 Name  
 and meets Technical Requirements  
 Signature  
 U.S. Soil Conservation Service

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER  
 DATE **9-16-84**

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR  
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN.  
 DATE **9-27-84**

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR  
 CHIEF BUREAU OF ENGINEERING  
 DATE **9-20-84**

**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 deemed necessary."  
 Signature of Developer/Builder  
 Date **7-10-84**

**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.  
 Date **7-10-84**  
 G. Nelson Clark



SUBDIVISION NAME	SECTION	AREA	LOT/PARCEL
DORSEY HALL	1	5	300-300
PLAT # OF LIE	BLOCK #	ZONE	TAX / ZONE MAP ELECT. DIST. / CENSUS TR.
4879	21	R-20	24 24 0023.01
WATER CODE	SEWER CODE		
F-08	5832000		

Plat Ref: 4879

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

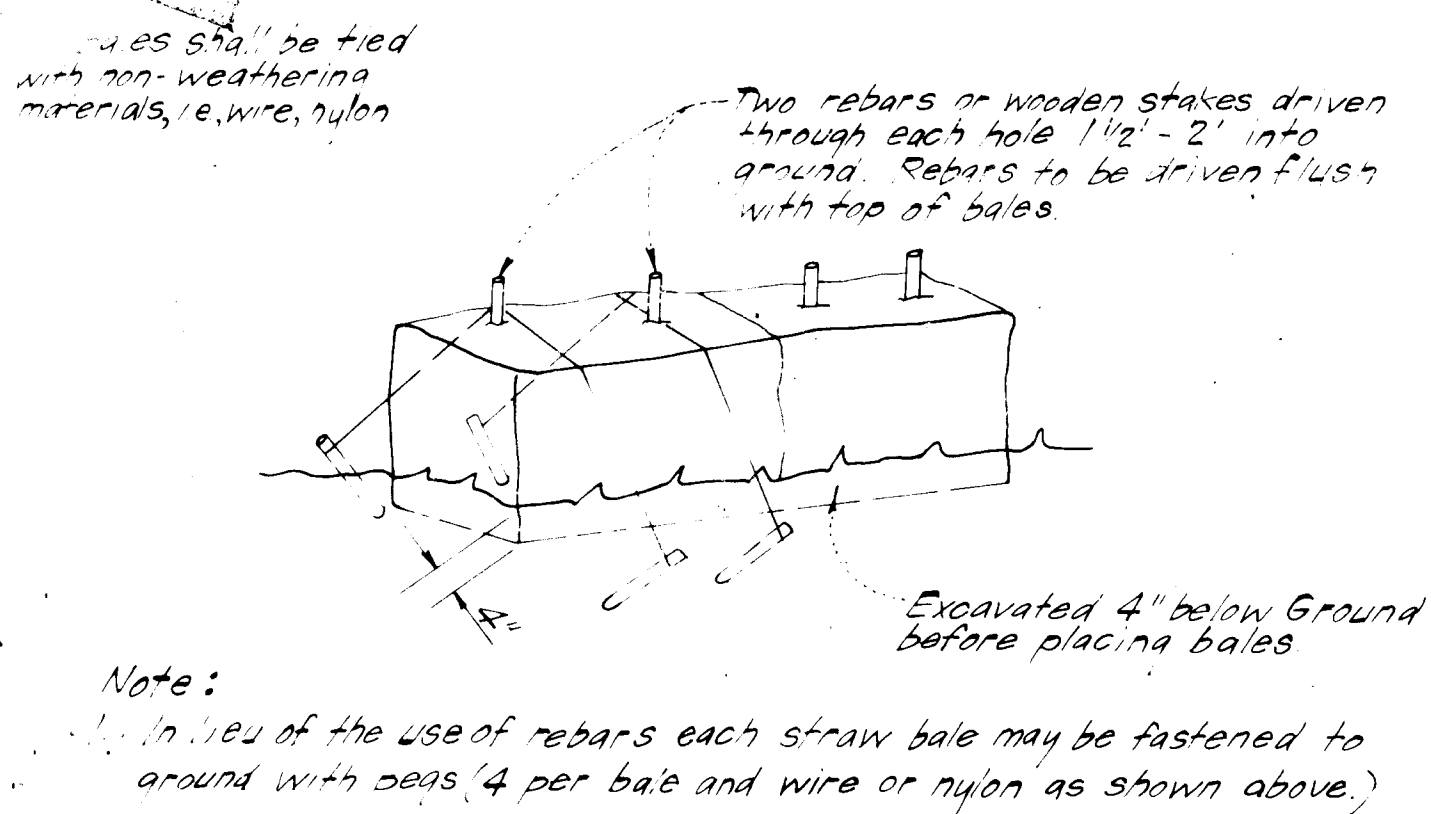
DESIGNED	J.P.A.	<b>SEDIMENT AND EROSION CONTROL PLAN</b> <b>DORSEY HALL</b> SECTION 1 AREA 5 2 <sup>ND</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE
DRAWN	V.H.L.		1" = 30'
CHECKED	B.A.F.		DRAWING
J.P.A.			2 of 3
DATE	7-10-84	FOR: THE RYLAND GROUP (COL. DIV.) One Knoll North Drive, Suite 503 Columbia, Maryland 21045	JOB NO. 83-112
			FILE NO. 83-119 SE

**SDP-85-08**

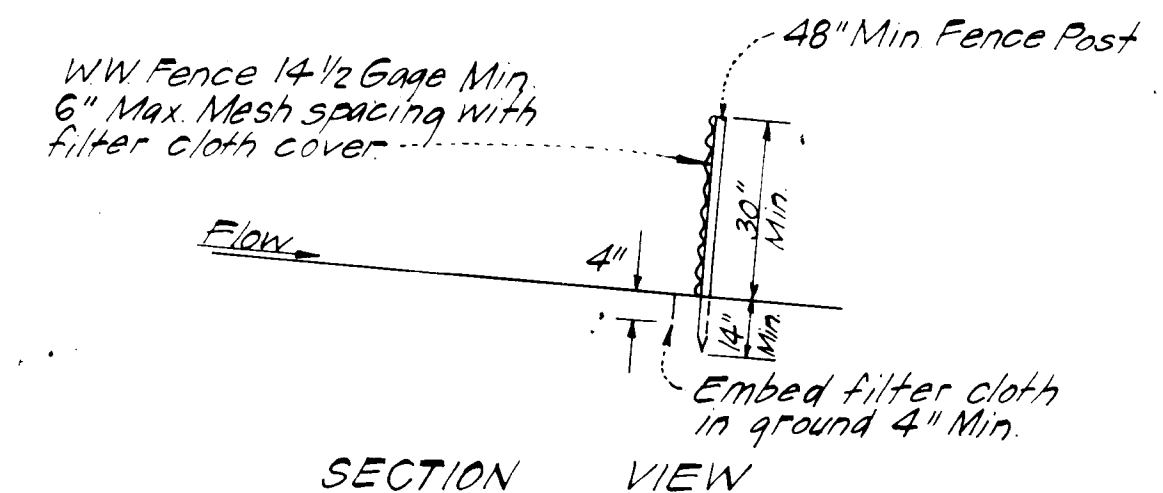
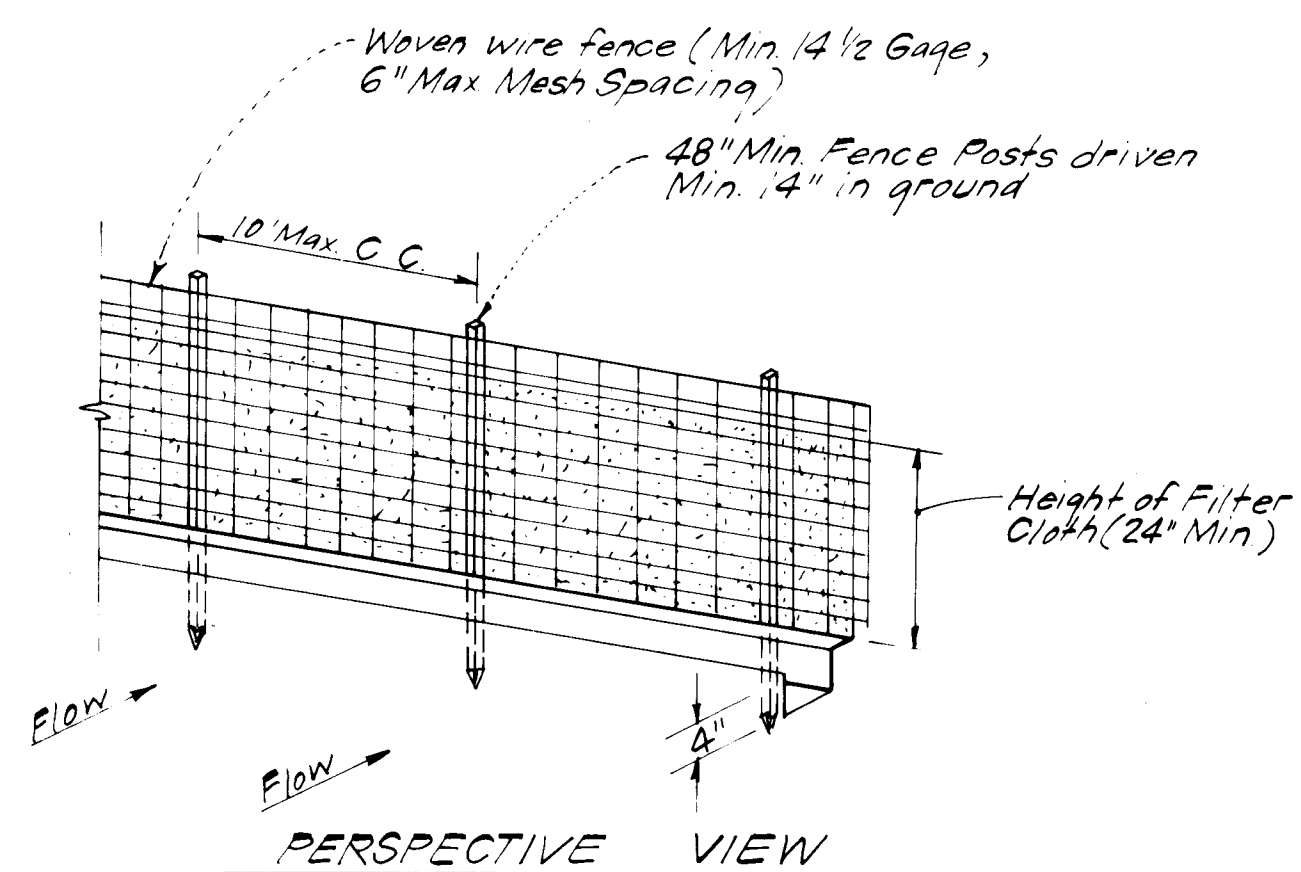
**GENERAL NOTES**

- 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 sf.
- Notify the Bureau of Inspections and Permits at least 24 hours 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 areas 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% chewing Fescue, 20% Kentucky 31 and 20% annual rye.
  - 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 the 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 - 1130 LF.
- SITE ANALYSIS:
 

A. Total Area:	3.684	Acres
B. Area to be Roofed:	0.300	Acres
C. Area to be Paved:	0.199	Acres
D. Area to be Seeded:	1.491	Acres
E. Area Undisturbed:	1.694	Acres
- CONSTRUCTION SEQUENCE:
  - Install Sediment & Erosion Control Devices.
  - Excavate for Foundations and Rough Grade.
  - Construct 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.
  - Seven calendar days for all perimeter sediment control structures, dikes, swales, ditches, perimeter slopes and all slopes greater than 3:1.
  - Fourteen days for all other disturbed or graded areas on the project site.



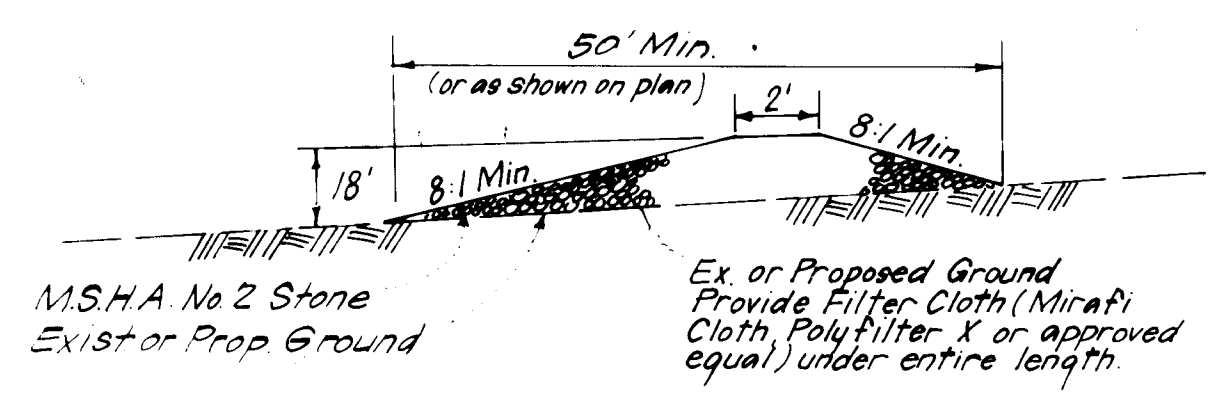
**STRAW BALE DIKE DETAIL (S.B.D.)**  
NO SCALE



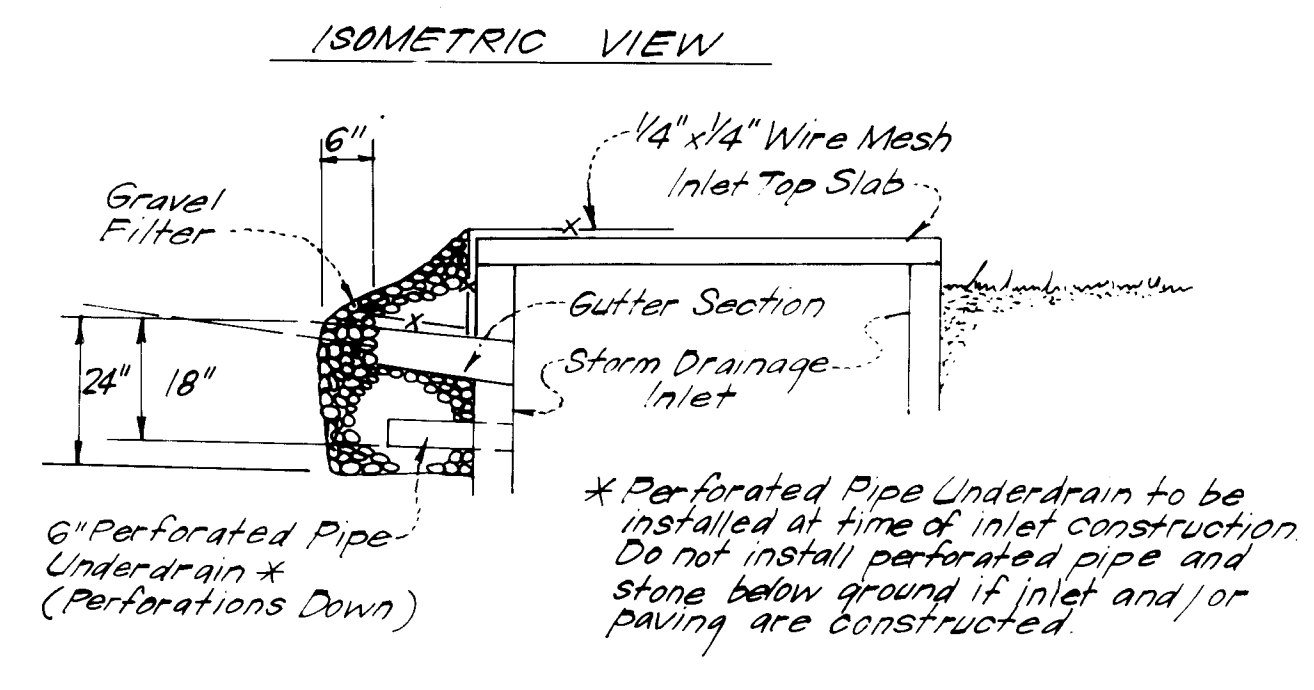
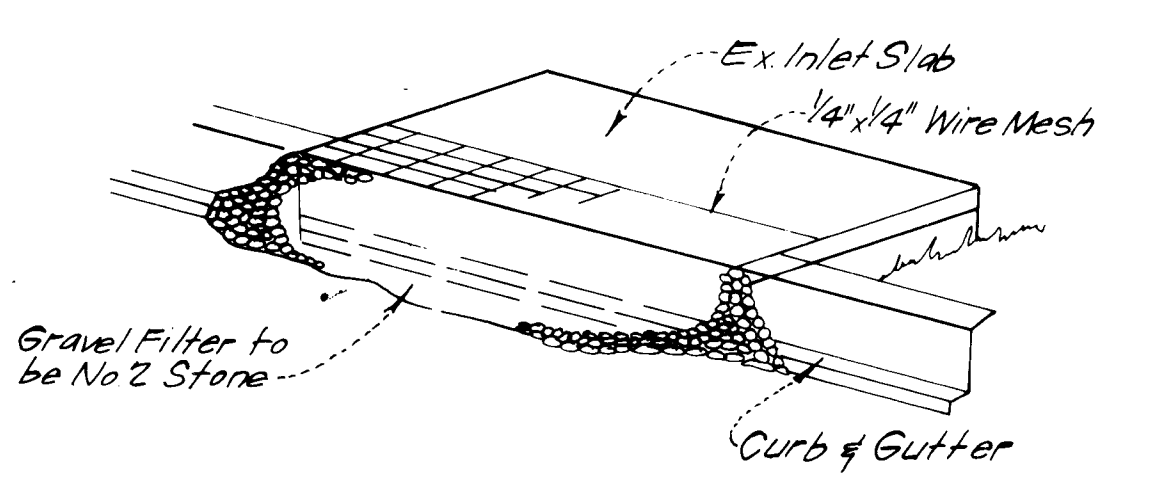
- CONSTRUCTION NOTES:**
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
  - Filter cloth to be fastened securely to woven wire fence with wire ties spaced every 24" at top and mid-section.

**POSTS:** Steel, either T or L type or 2" Hardwood.  
**FENCE:** Woven wire, 1 1/2 Ga., Max 6" Mesh Opening.  
**FILTER CLOTH:** Filter X, Mirafil 100X, Laurel Erosion Control Cloth, Bidim, Polyfilter X or equal.

**SILT FENCE DETAIL (S.F.)**  
NO SCALE



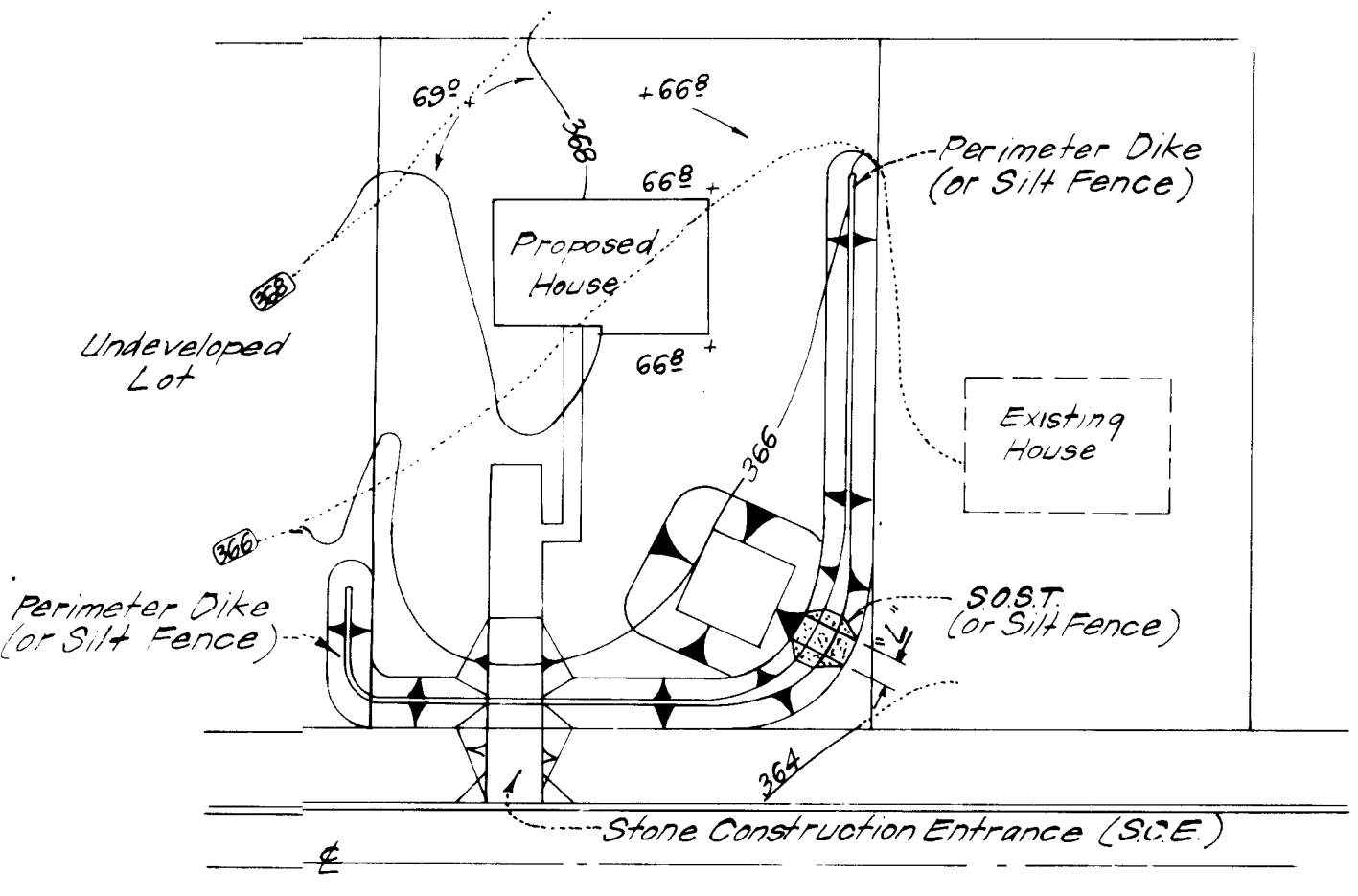
**STONE CONSTRUCTION ENTRANCE (S.C.E.)**  
NO SCALE



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

Reviewed for: **HOWARD** S.C.D.  
 Name: **Stephen A. Huber**  
 Signature: *[Signature]* Date: **9-16-89**  
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 Approved: *[Signature]* Date: **9-18-89**



**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 ft	286 sq ft	676 sq ft

\* See Std. 97-3, pg. 20-07 for detail; not shown  
 \*\* Can be adjusted in field but bottom area must be as given or greater.

**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: *[Signature]* Date: **7-10-84**

**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.

Date: **7-10-84** Signature: *[Signature]*  
 G. Nelson Clark



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
 Director: *[Signature]* Date: **7-14-84**

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING.  
 Planning Director: *[Signature]* Date: **9-28-84**  
 Chief Division of Land Development and Zoning Administration: *[Signature]* Date: **7-27-84**

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
 Director: *[Signature]* Date: **9-21-84**  
 Chief Bureau of Engineering: *[Signature]* Date: **9-20-84**

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION, HOWARD COUNTY MAP LANE.  
 Date: **8-6-84**  
*[Signature]*

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

DESIGNED: J.P.A.  
 DRAWN: V.H.L.  
 CHECKED: V.L.B.  
 DATE: 7-10-84

SCALE: As Shown  
 DRAWING: 3 of 3  
 JOB NO.: 83-119  
 FILE NO.: 83-1198E

**SEDIMENT & EROSION CONTROL PLAN**  
 LOTS 360 THRU 366  
**DORSEY HALL**  
 SECTION 1 AREA 5  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 FOR: THE RYLAND GROUP (COL. DIV.)  
 One Knoll North Drive Suite 503  
 Columbia, Maryland 21045