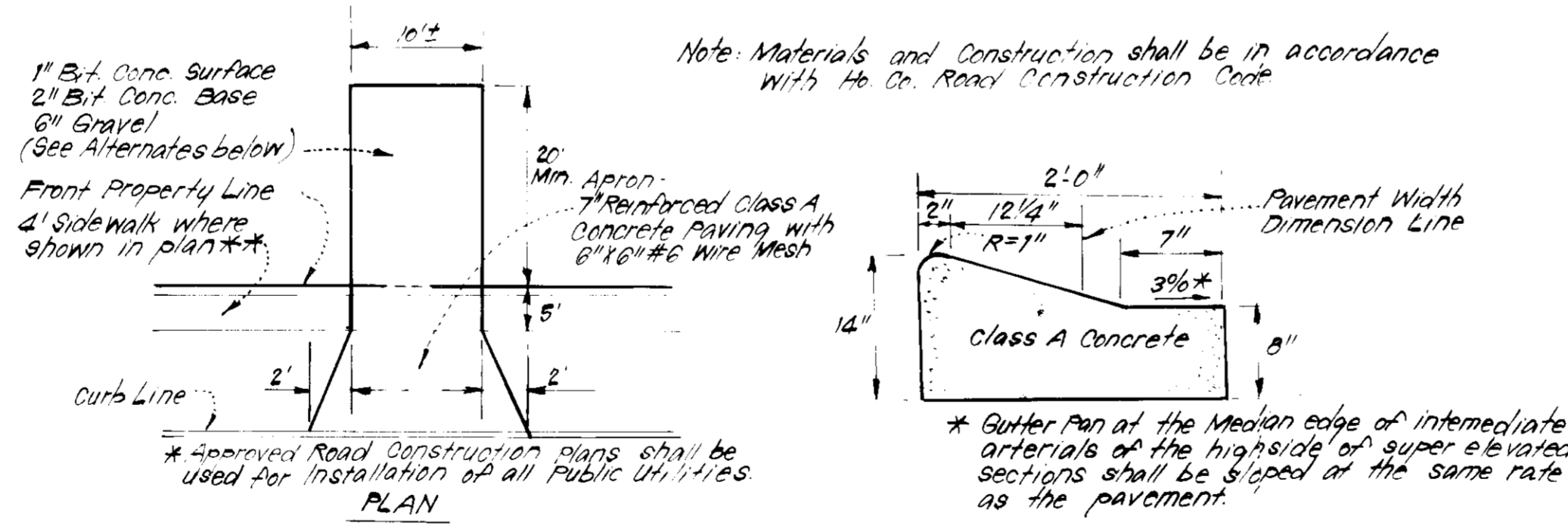
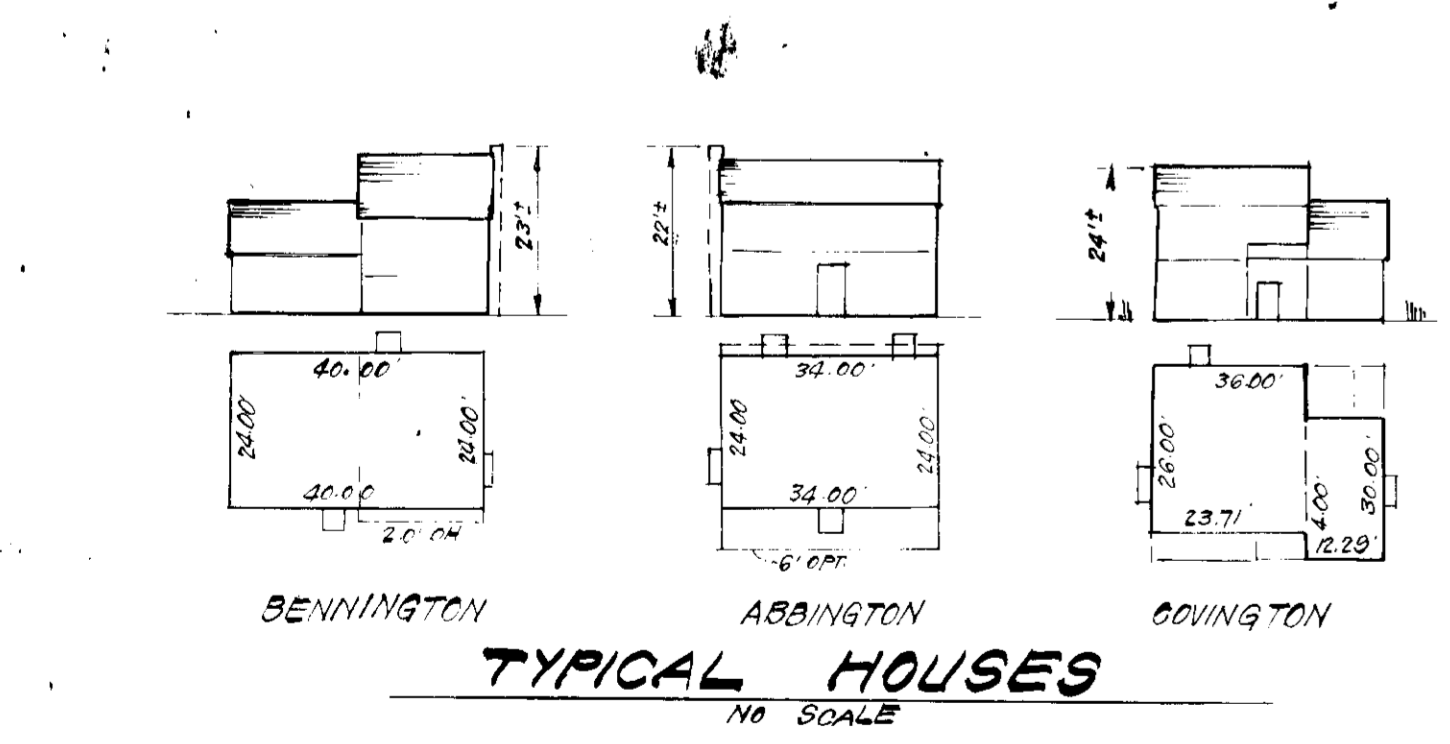
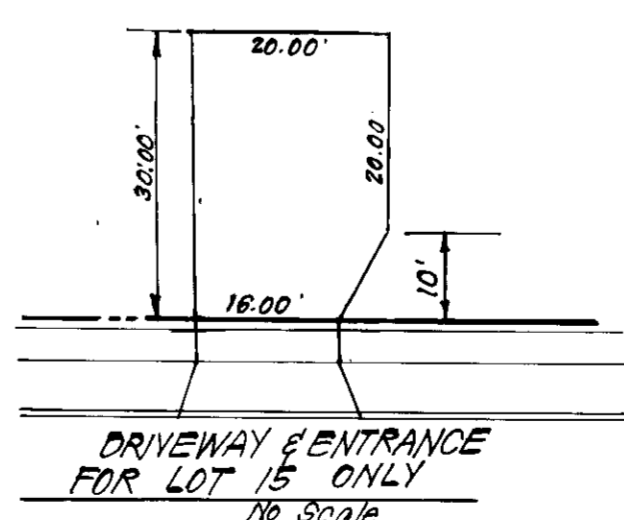


APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 11-4-81  
Jum



- LEGEND:**
- 1. Contour Interval 2 Ft.
  - 2. Existing Contour
  - 3. Proposed Contour
  - 4. Spot Elevation +20.5
  - 5. Direction of Drainage
  - 6. Exist. Trees to be Saved



- GENERAL NOTES:**
- The Land included in this plan is zoned: RSC, as per 1969/77 Comprehensive Zoning Plan.
  - All coordinates are based on Howard County Central Station Zone, Point Nos. 2043001 R and 2422003 R.
  - Total Number of Lots 3
  - The area covered in this submission is located on Tax Map No. 42.
  - The total area included in this plan is 0.452 Acres
  - All roadways are public & existing.
  - Any damage to county owned rights of way shall be corrected at the developer's expense.
  - The Contractor or developer shall contact the Construction Inspection / Survey Division, 24 hours in advance of commencement of work at 392-2417 or 392-2418.

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

*Joseph P. ...*  
HEALTH OFFICER  
DATE 11-30-81

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

*Thomas P. ...*  
PLANNING DIRECTOR  
DATE 12-1-81

*Richard ...*  
CHIEF DIVISION OF LAND DEVELOPMENT ZONING ADMIN. DATE 12-1-81

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

*W. F. ...*  
DIRECTOR  
DATE 11-2-81

*...*  
CHIEF BUREAU OF ENGINEERING DATE 11-20-81

**Special Notes:**

Approved Road Construction Plans shall be used for installation of all Public Utilities

Public Water & Sewer shown for Reference Only - for more detailed information - see Water & Sewer Plans Contract No. 24-0975-D

The Water & Sewer House Connections not included in a Developer's Agreement shall conform to the Howard Co. Plumbing Code. The On-Site W/HC shall be 1" Copper & the SHC shall be 4" Iron.

**ALTERNATE #1**  
1" Bit Conc Surface  
4" Bit Conc Base

**ALTERNATE #2**  
1 1/2" Bit Conc Surface  
3" Bit Conc Base  
3" Gravel

**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 16.131 of the Subdivision and Land Development Regulations of Ho. Co.

*Donald B. ...*

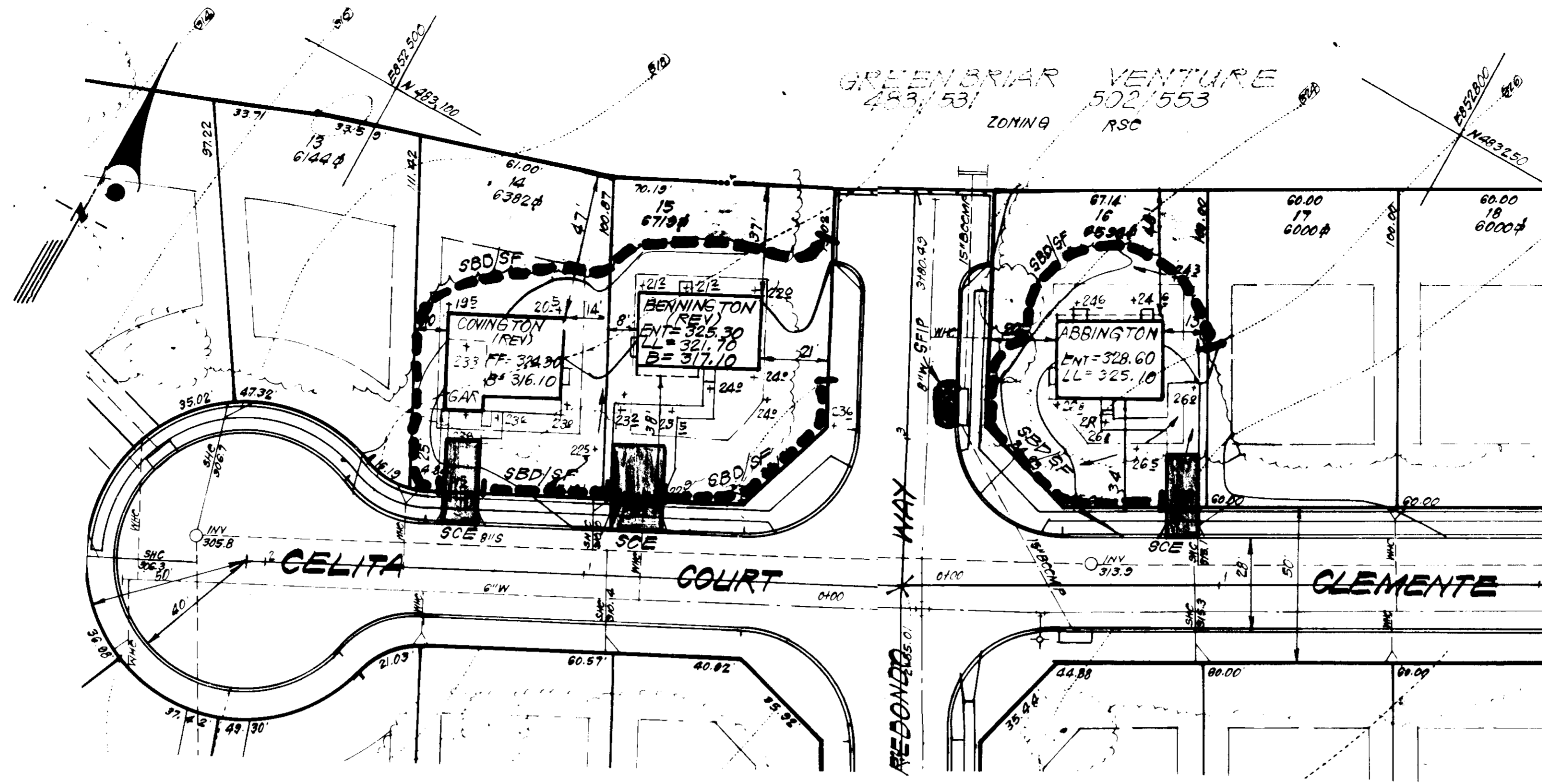
Plot Reference: Plot Nos.

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS		SCALE 1" = 30'
DESIGNED J.M.E.	<b>SITE DEVELOPMENT PLAN</b> LOTS 14, 15 & 16	DRAWING 1052
DRAWN K.I.W.		JOB NO. 81070
CHECKED J.M.E.	<b>SECTION 1</b> 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO. 8-476X
DATE 10-2-81		FOR: DIVERSIFIED HOUSING CORP. Suite 211, American City Building Columbia, Maryland 21044

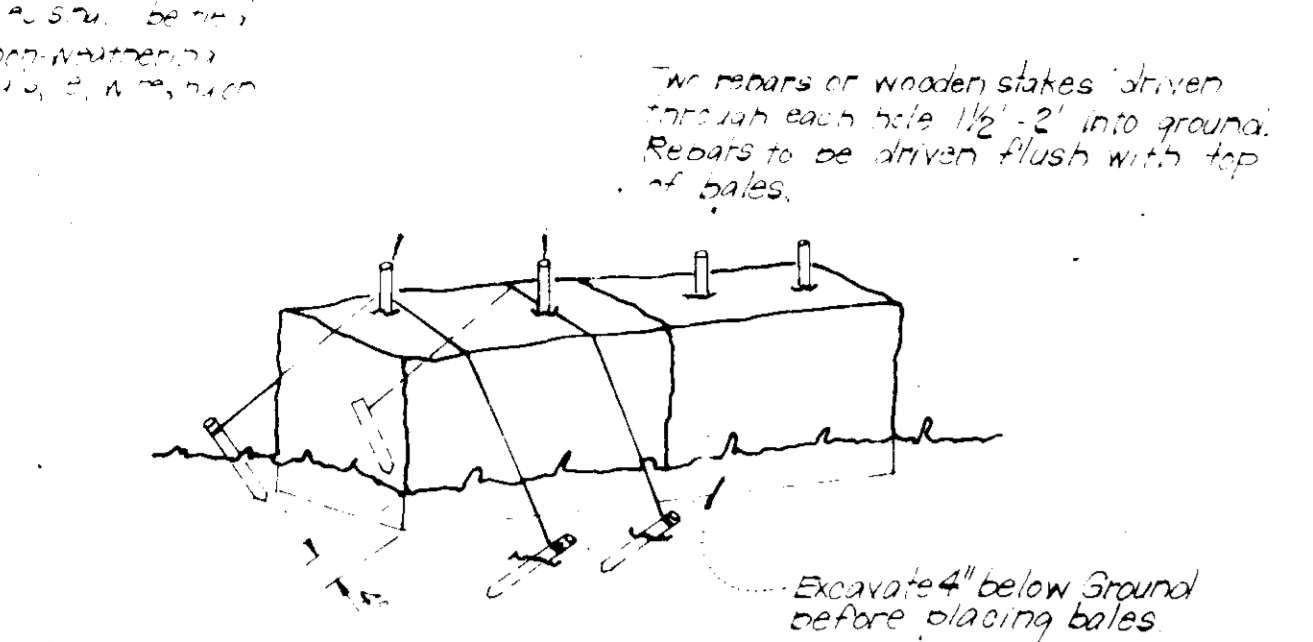
**GENERAL NOTES**

- 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 disturbed area to be stabilized 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 25 lbs/1000 sq ft. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 30 lbs/1000 sq ft.
  - Mulch - weed free grain straw applied at a rate of 70 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 cleaning of Sediment Traps and dikes, and proper establishment of all planted 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 10 ft 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 = **485 LF**
- SITE ANALYSIS:**

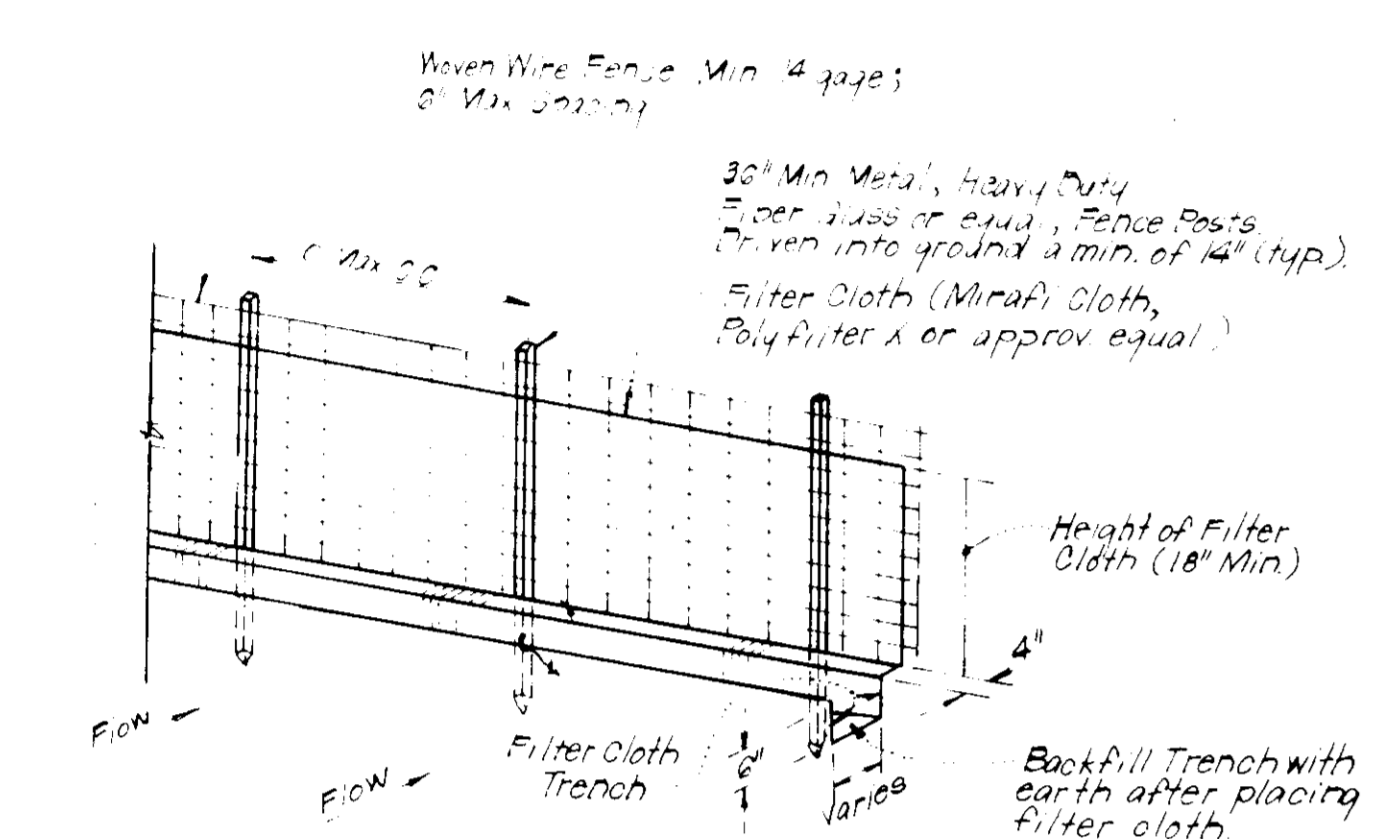
A Total Area	0.452	Acres
B Area to be Roofed	0.063	Acres
C Area to be Paved	0.031	Acres
D Area to be Seeded	0.222	Acres
E Area Undisturbed	0.136	Acres
- CONSTRUCTION SEQUENCE:**
  - Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes
  - Excavate for Foundations and Rough Grade
  - 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.



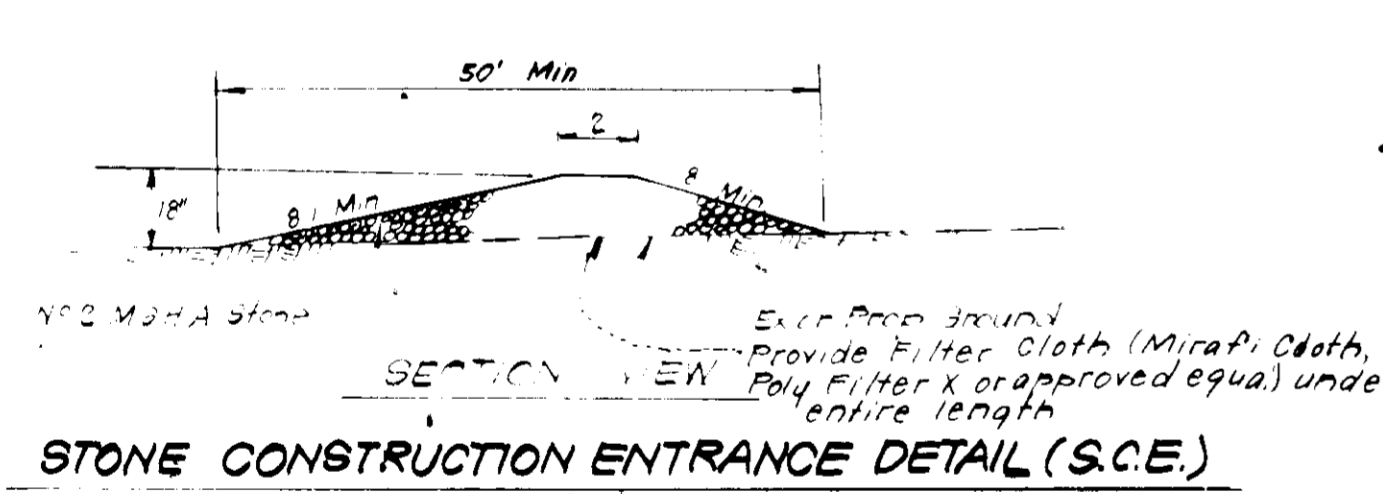
**PLAN**  
SCALE: 1"=50'



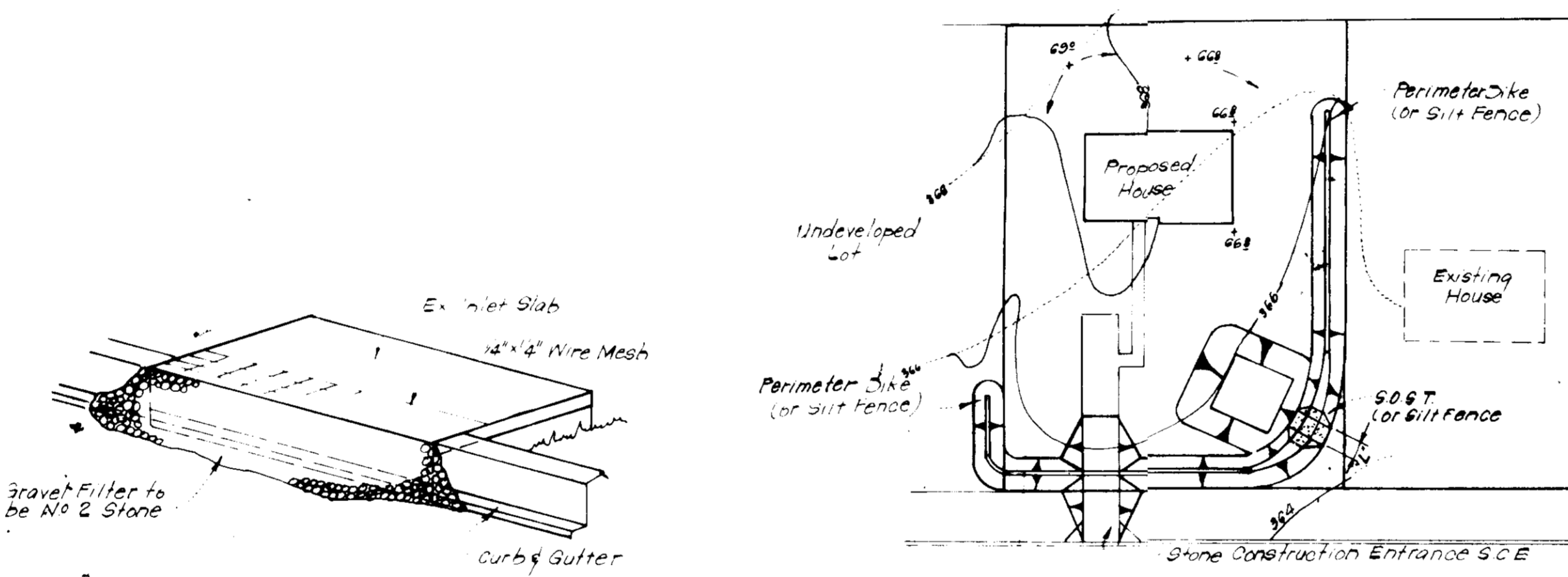
**TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)**  
No Scale



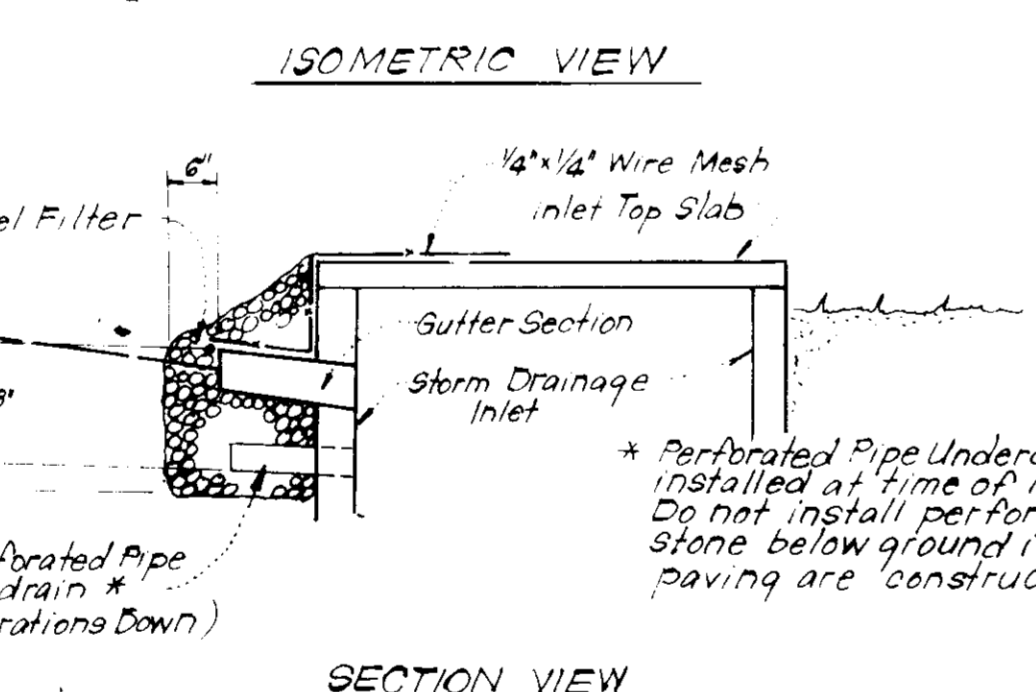
**TYPICAL SILT FENCE DETAIL (S.F.)**  
No Scale



**STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)**  
No Scale



**TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN**  
No Scale



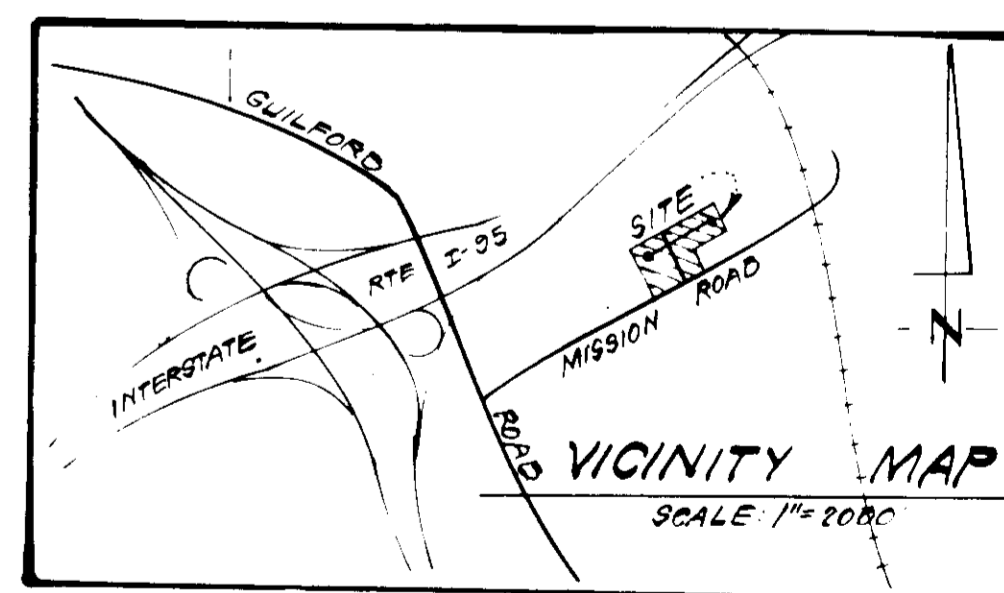
**STONE FILTER INLET PROTECTION (S.F.I.P.)**  
No Scale

Lot Size	S.O.S.T.*		
	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. SF-3 pg 20.07 for det. not shown  
\*\* Can be adjusted in field but bottom area must be as given or greater

**LEGEND:**

- Contour Interval 2 Ft
- Existing Contour 32.0
- Proposed Contour 32.0
- Spot Elevation +20.5
- Direction of Drainage
- Exist Trees to be Saved
- Straw Bale Dike or Silt Fence
- Stone Filter Inlet Protection
- Stone Construction Entrance



APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 11-4-81  
*JMM*

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT  
*Joseph Borden* 11-30-81  
HEALTH OFFICER DATE  
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*Thomas J. Hamis* 12-1-81  
PLANNING DIRECTOR DATE  
CHILD DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE  
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Henry F. Nemlow* 11-20-81  
DIRECTOR DATE  
*William A. Ray* 11-20-81  
CHIEF BUREAU OF ENGINEERING DATE

Reviewed for HOWARD COUNTY S.C.D.  
Name  
and meet all local Requirements  
*William V. Rome* 11-17-81  
Signature Date  
U.S. Soil Conservation Service  
THIS DEVELOPMENT PLAN IS APPROVED FOR THE HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DEVELOPER'S UNDERS CERTIFICATE  
"I/we certify that the construction will be done according to the plans, specifications and sediment control measures shown on this plan and that the construction will conform to the requirements of the 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."  
*Paul Montgomery* 10-2-81  
Signature of Developer/Builder 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* 10-2-81  
Date

Clark Reference: Plat Nos

**CLARK • FINEFROCK & SACKETT**  
ENGINEERS • PLANNERS • SURVEYORS  
11375 LOR HOWARD DRIVE SILVER SPRING, MARYLAND 20914 301-543-1400

DESIGNED	<b>SEDIMENT &amp; EROSION CONTROL PLAN</b>	SCALE	1"=30'
DRAWN	LOTS 14, 15 & 16	FILE NO	205-2
CHECKED	<b>MISSION HEIGHTS</b>	JOB NO	81070
DRAWN	SECTION 1	FILE NO	8-276-SE
DATE	FOR: DIVERSIFIED HOUSING CORP		
10-2-81	Suite 211, American City Building		
	Columbia, Maryland 21044		