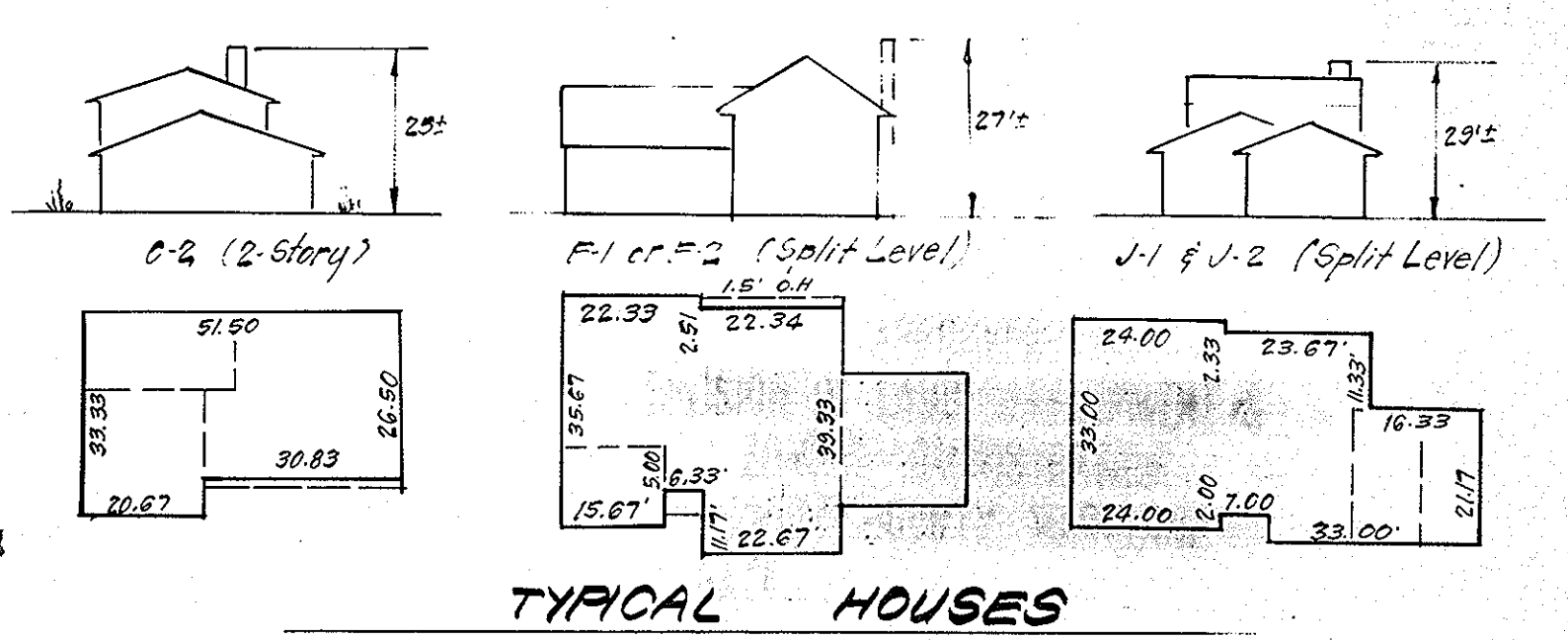
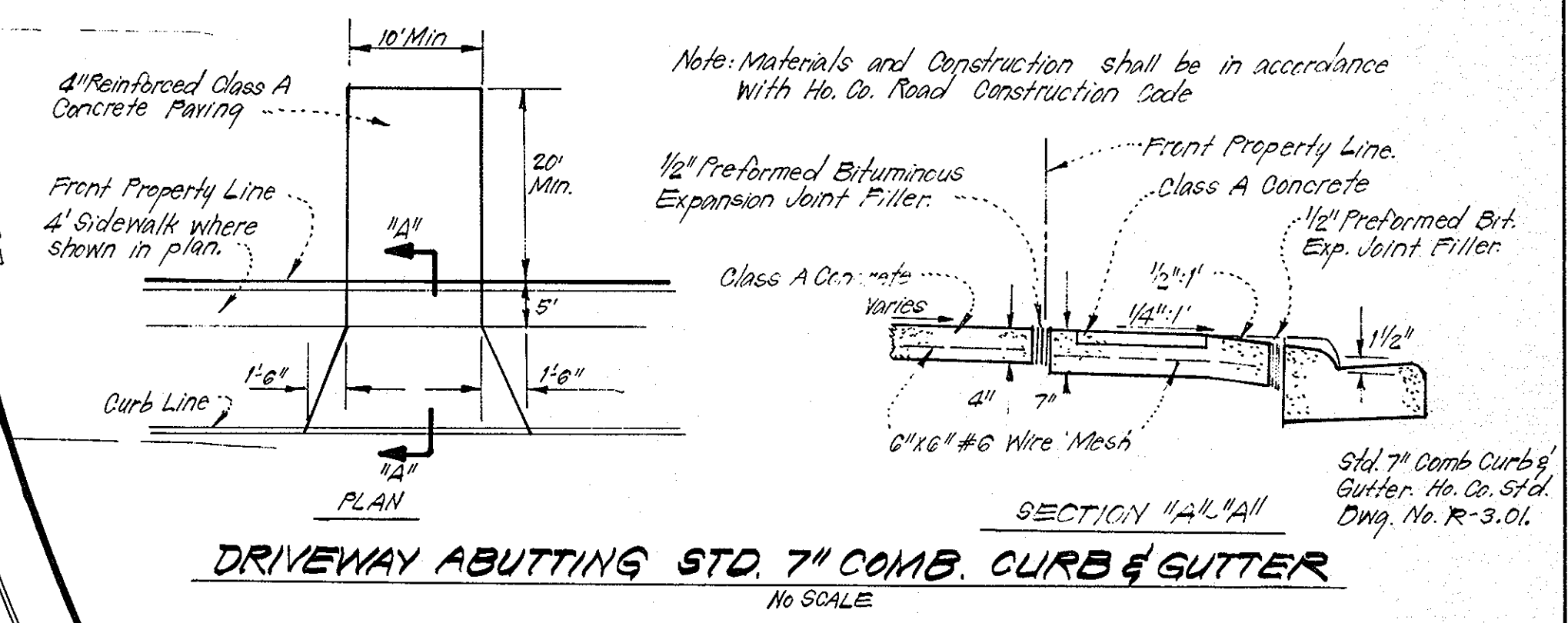
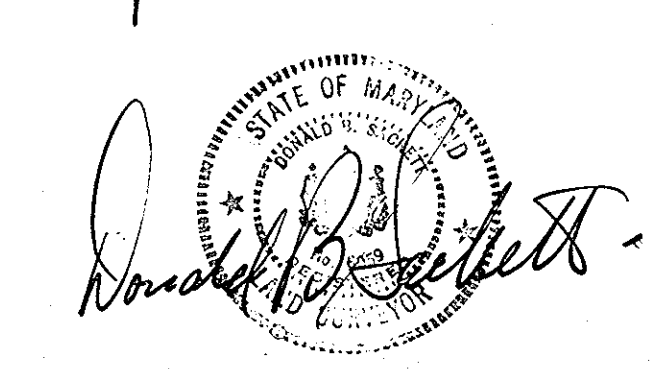


- GENERAL NOTES:**
- The Land included in this plan is zoned: R-20.
 - All coordinates are based on traverse control for Columbia established by Maps, Inc., in 1965, by Purdom & Veshtke in 1968 which controls were tied to Maryland Bureau of Control Survey monuments to U.S. Coast & Geodetic Survey Monuments in the Columbia area.
 - The area covered in this submission is located on Tax Map #24.
 - The total area included on this plan is 4.365 Acres.
 - All roadways are public and existing.
 - Any damage to county owned rights of way shall be corrected at the developer's expense.
 - Total Number of Lots: 9

- LEGEND:**
- Contour Interval 2 FT.
 - Existing Contour
 - Proposed Contour
 - Spot Elevation
 - Direction of Drainage
 - Exist. Trees to be retained
 - Walk-Out Basement



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-8-81
Jum



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 8-10-81

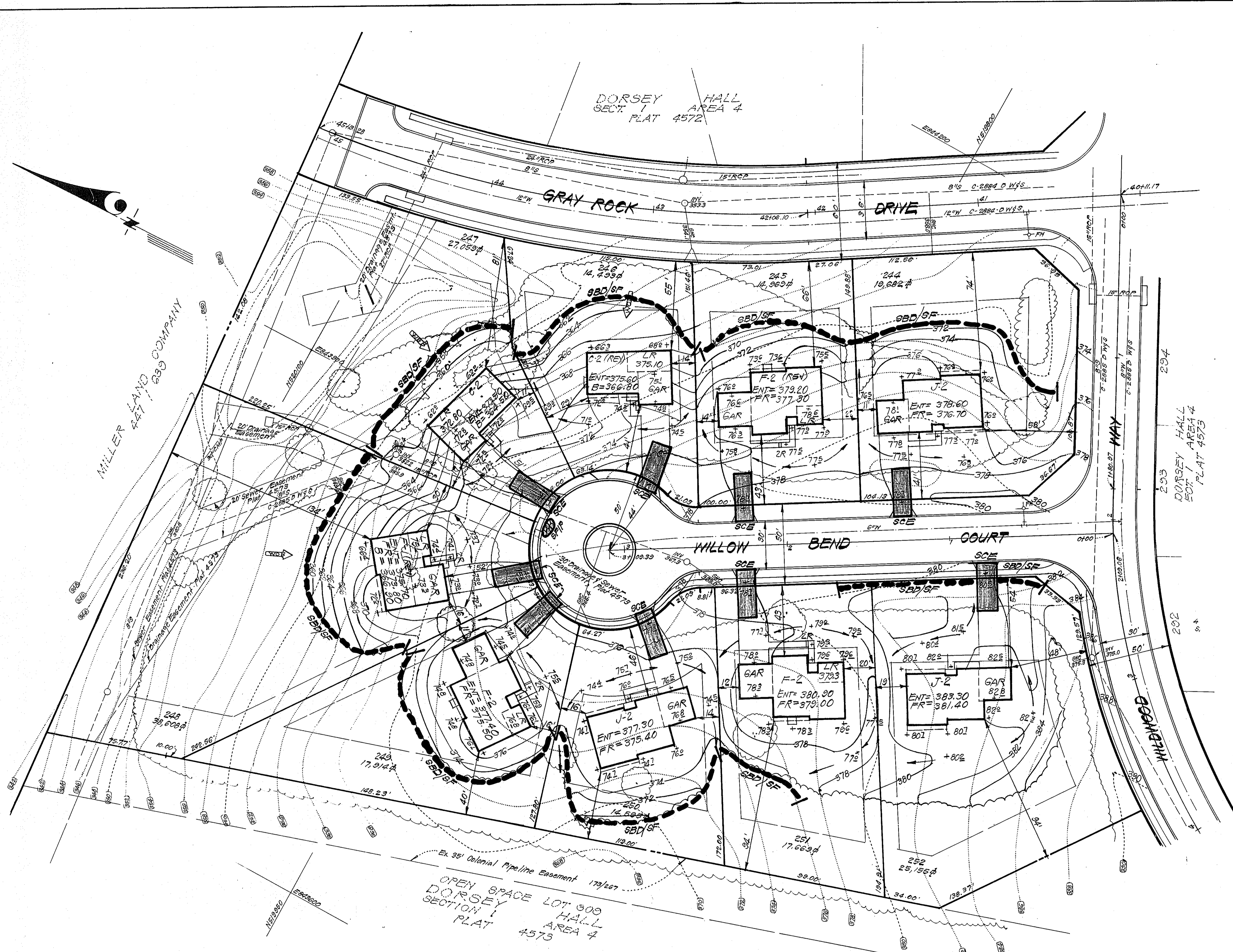
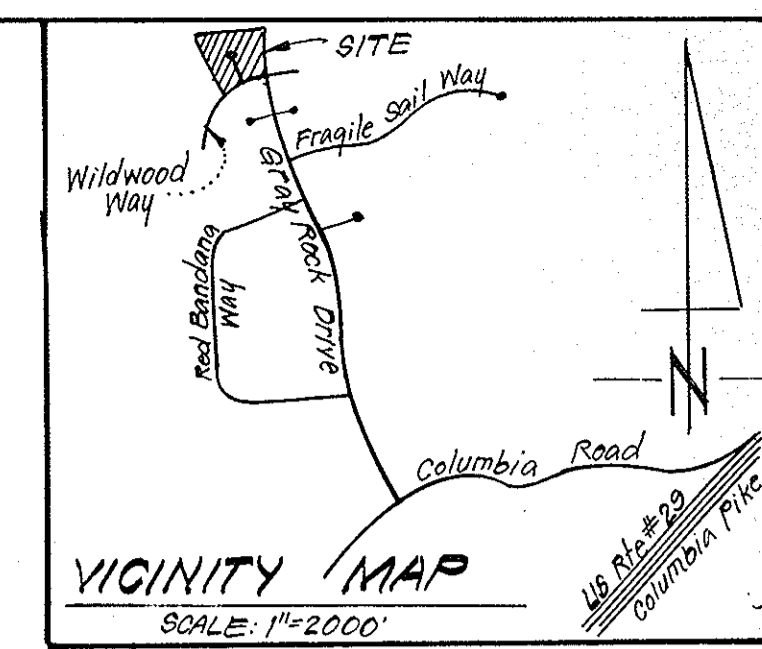
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 8-12-81

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 8-10-81

DATE 8-7-81

Plat Reference: Plat 4573

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400
DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS 244 THRU 252	SCALE 1"=30'
DRAWN A.I.W.	DORSEY HALL	DRAWING 10F3
CHECKED J.M.E.	SECTION 1 AREA 4 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 79-097
DATE 5-28-81	FOR: COLUMBIA BUILDERS, INC 808 American City Bldg. Columbia, Maryland 21044	FILE NO. 79-097-X



7. Total number of lots: 1
- 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: (Tree symbol)
 - 7. Walk-Out-Basement: (Symbol)
 - 8. Straw Bale Dike or Silt Fence: SBD/SF
 - 9. Stone Construction Entrance: SCE
 - 10. Stone Filter Inlet Protection: (Symbol)

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-8-81
JMM

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
Debra M. Wood 8-10-81
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
William M. ... 8-12-81
 DIRECTOR, PLANNING DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
William F. ... 8-10-81
 DIRECTOR DATE

William ... 8-7-81
 CHIEF BUREAU OF ENGINEERING DATE

Reviewed for... *William ...* S.C.D.
 Name
 and meets Technical Requirements
William ... 7-21-81
 Signature Date
 US Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT.
William ... 7-27-81
 Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE

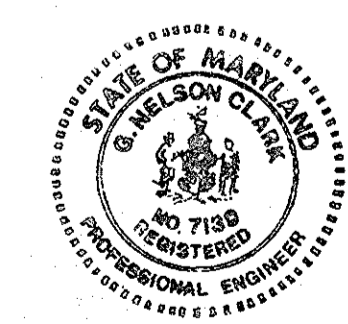
"I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training 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."

Debra M. Wood 6-4-81
 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 6-4-81
 Signature Date

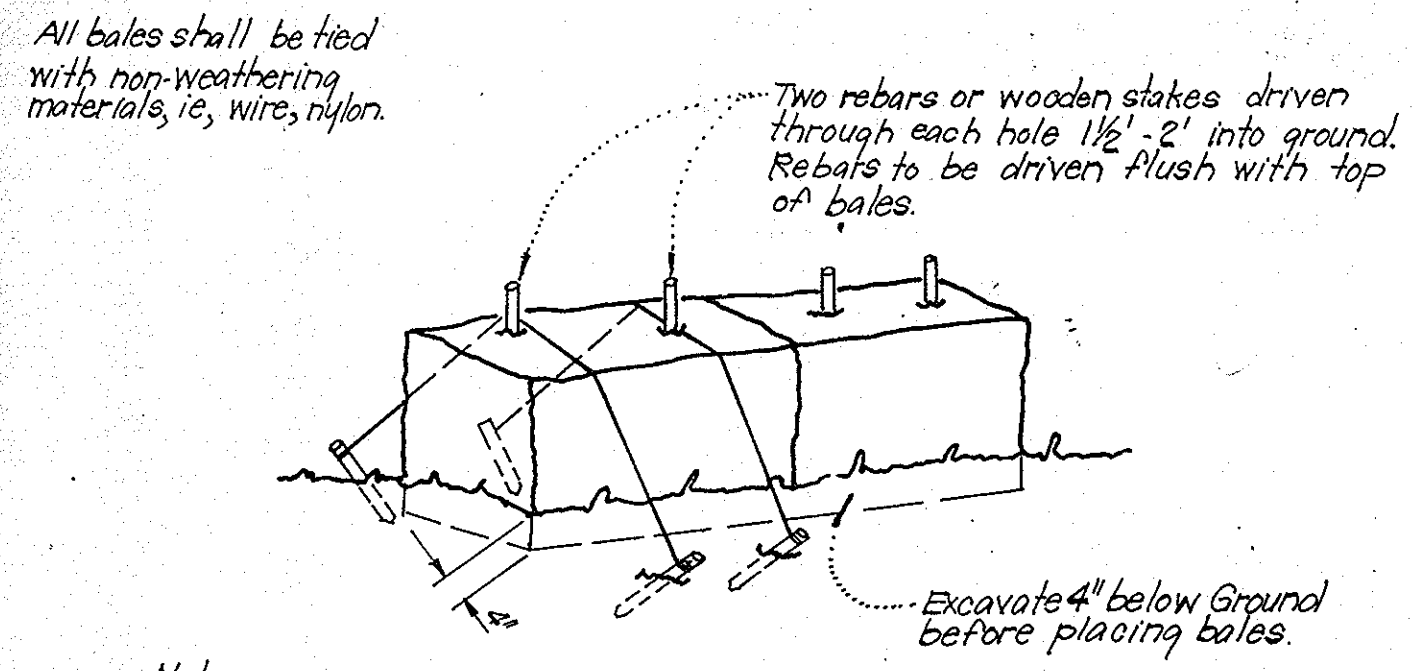


CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400	
DESIGNED: <i>JLS</i>	SEDIMENT & EROSION CONTROL PLAN LOTS 244 THRU 252 DORSEY HALL SECTION 1 AREA 4 2ND ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: COLUMBIA BUILDERS, INC 608 American City Bldg Columbia, Maryland 21044
DRAWN: <i>A.L.W.</i>	SCALE: 1"=30'
CHECKED: <i>J.L.S.</i>	DRAWING: 20F3
DATE: 6-4-81	JOB NO: 79-097
	FILE NO: 79-097-5E

GENERAL NOTES

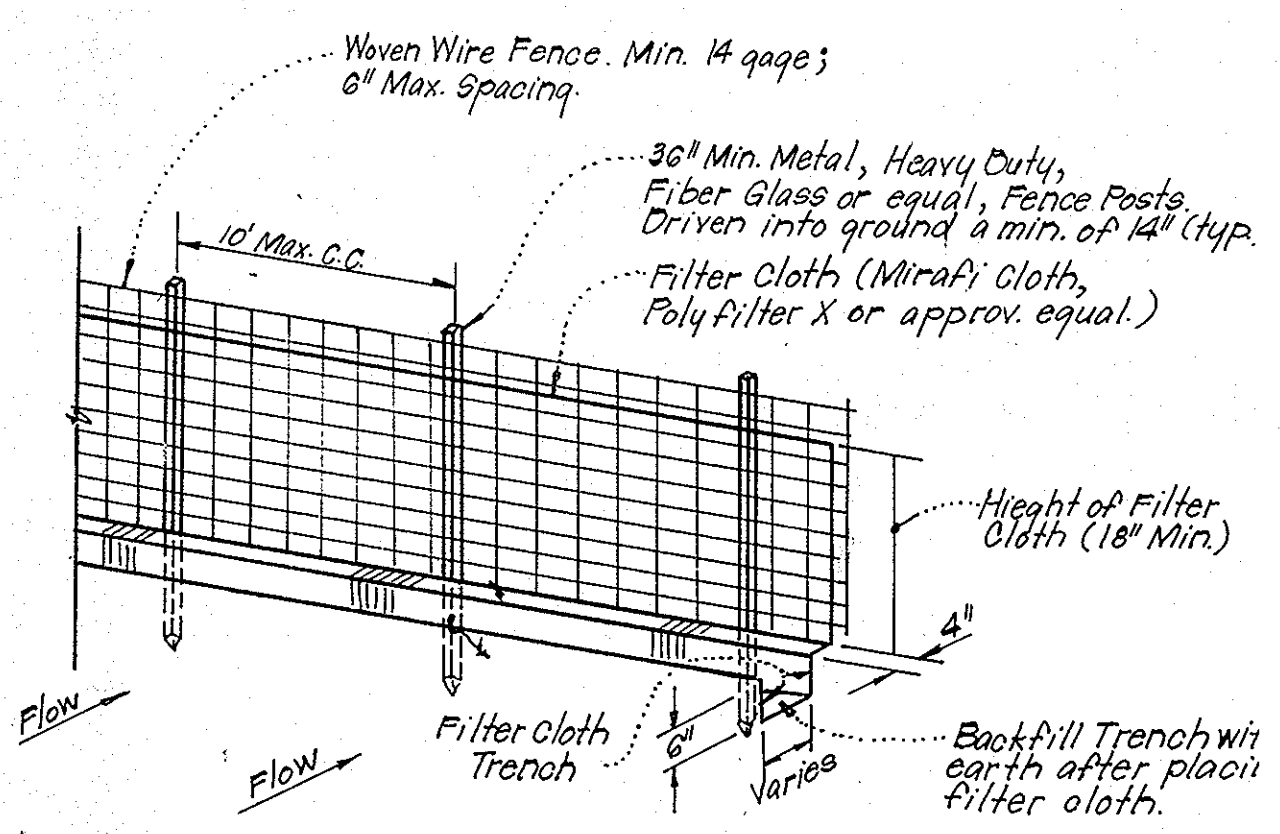
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization 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% creeping 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 30 lbs/1000 sq ft.
 - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sq ft. 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 cleanout 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.
- 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 = 1190 LF.
- SITE ANALYSIS:

A. Total Area:	4.365	Acres
B. Area to be Roofed:	0.385	Acres
C. Area to be Paved:	0.179	Acres
D. Area to be Seeded:	1.884	Acres
E. Area Undisturbed:	1.917	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.



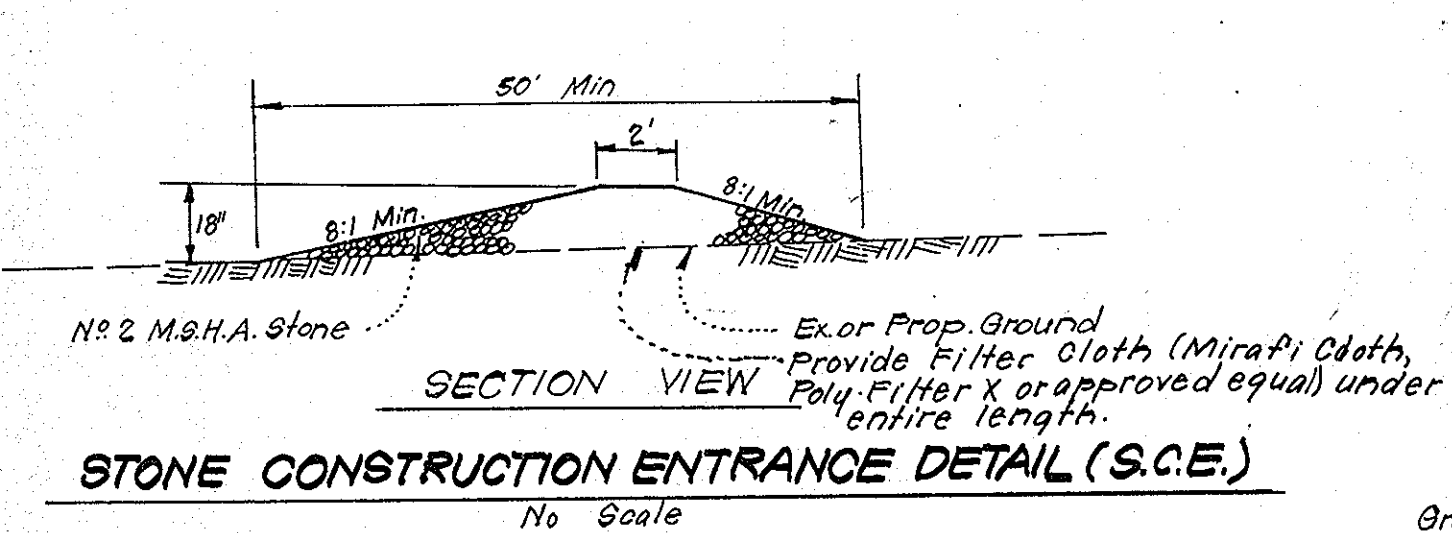
Note:
1. In lieu of the use of rebar each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

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

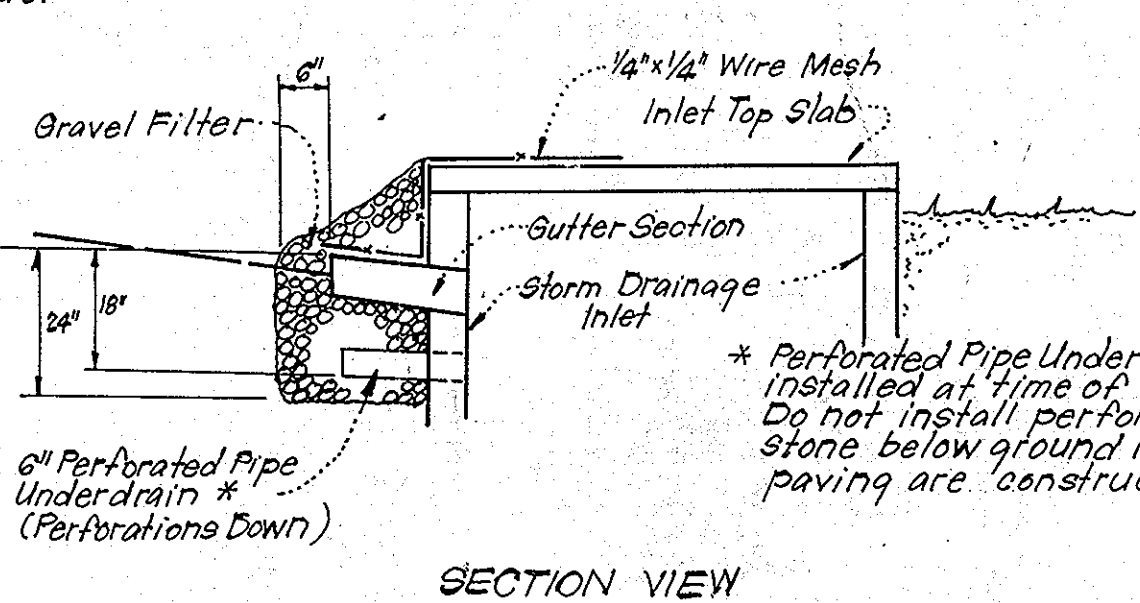
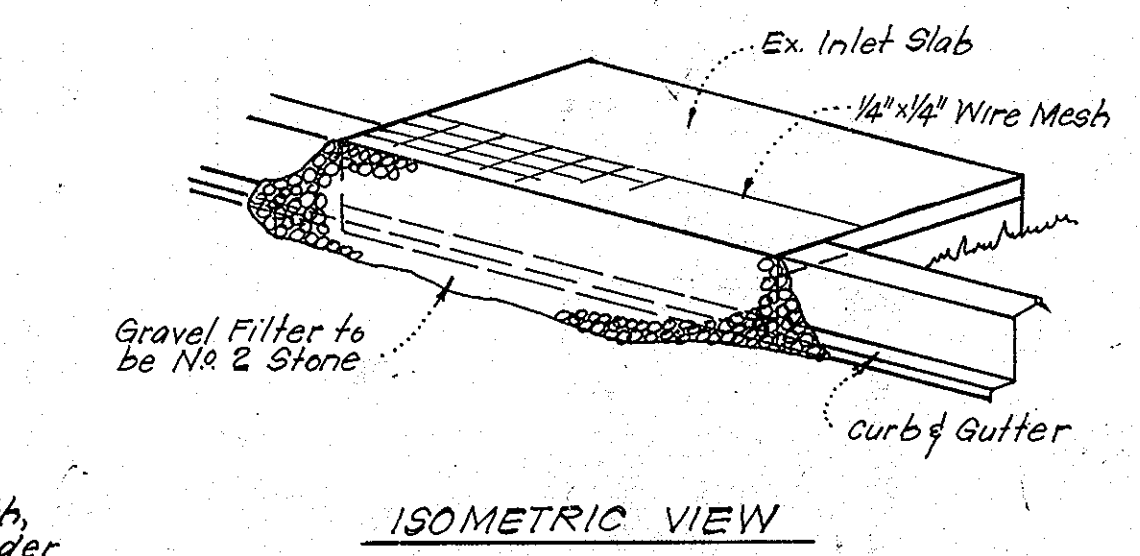


Notes:
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24"

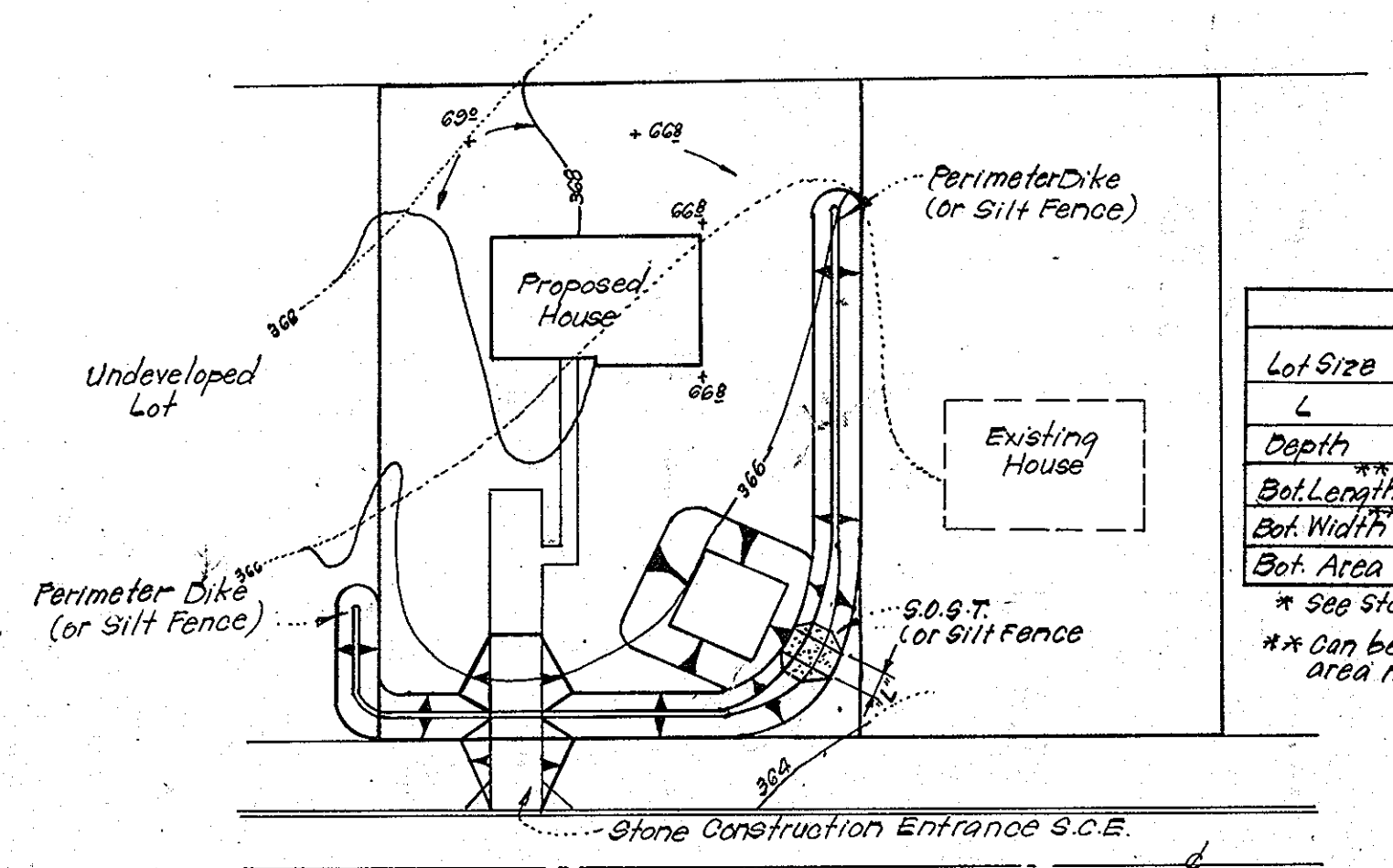
TYPICAL SILT FENCE DETAIL (S.F.)
No Scale



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

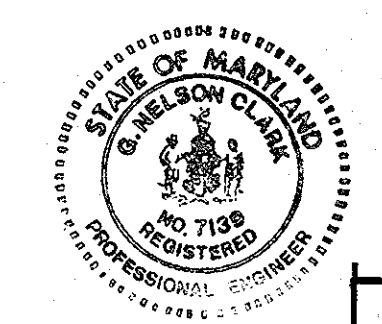


STONE FILTER INLET PROTECTION (S.F.I.P.)
No Scale



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-6-81
JMM



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 244 THRU 252 DORSEY HALL	SCALE	As Shown
DRAWN	K.I.W.		DRAWING	3073
CHECKED	J.L.S.	SECTION 1 AREA 4	JOB NO.	79-097
DATE	10-4-81	2ND ELECTION DISTRICT	FILE NO.	79-097.5E
FOR:		COLUMBIA BUILDERS, INC.	606 American City Bldg. Columbia, Maryland 21024	

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 8-10-81

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 8-12-81
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE: 8-11-81

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 8-10-81
 CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 8-17-81

Reviewed for: Howard S.C.D.
 Name
 and meets Technical Requirements
 Signature: *[Signature]* Date: 7-27-81
 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: 7-27-81

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: 6-4-81

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: *[Signature]* Date: 6-4-81