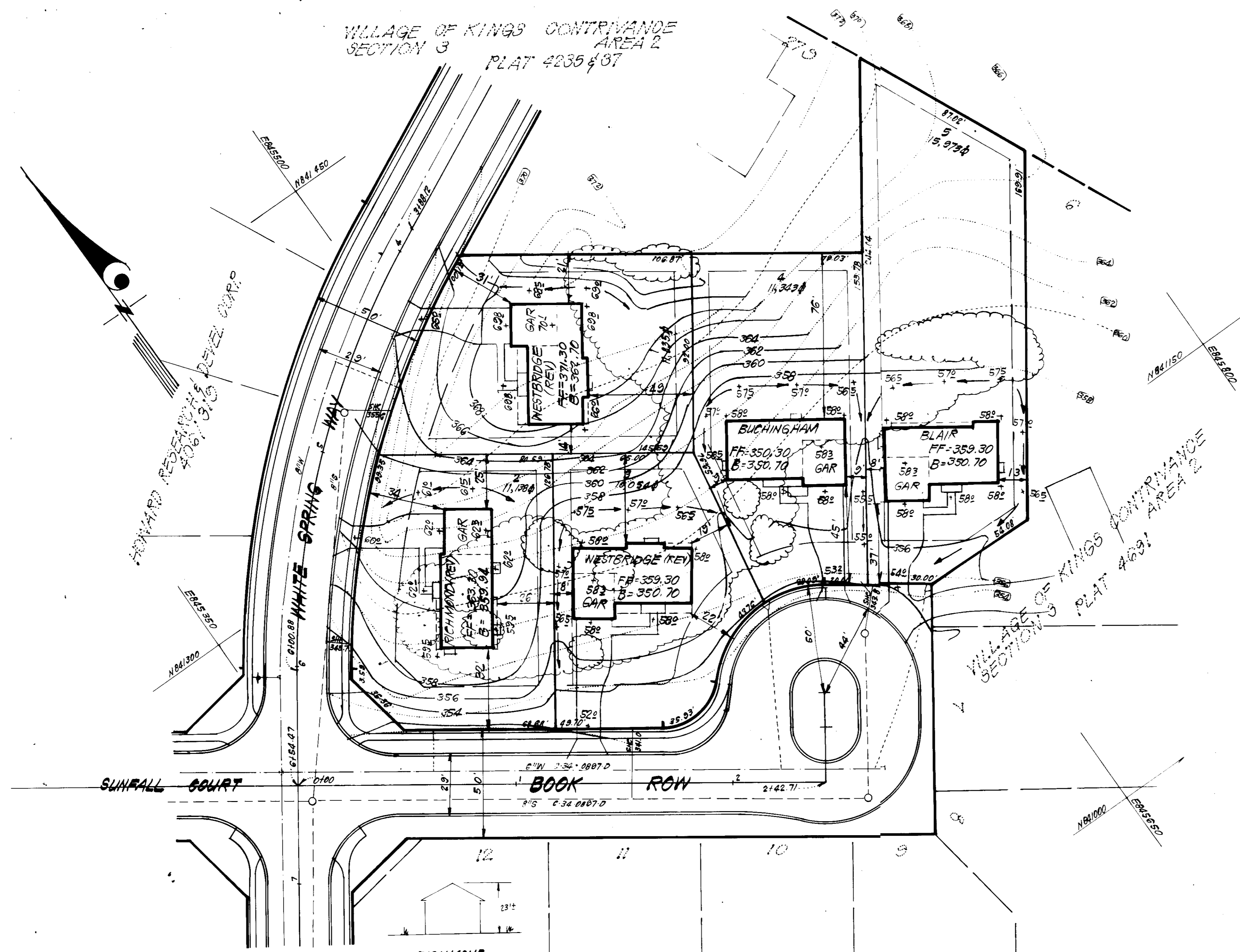


VILLAGE OF KINGS CONTRIVANCE
SECTION 3
PLAT 4285 & 87

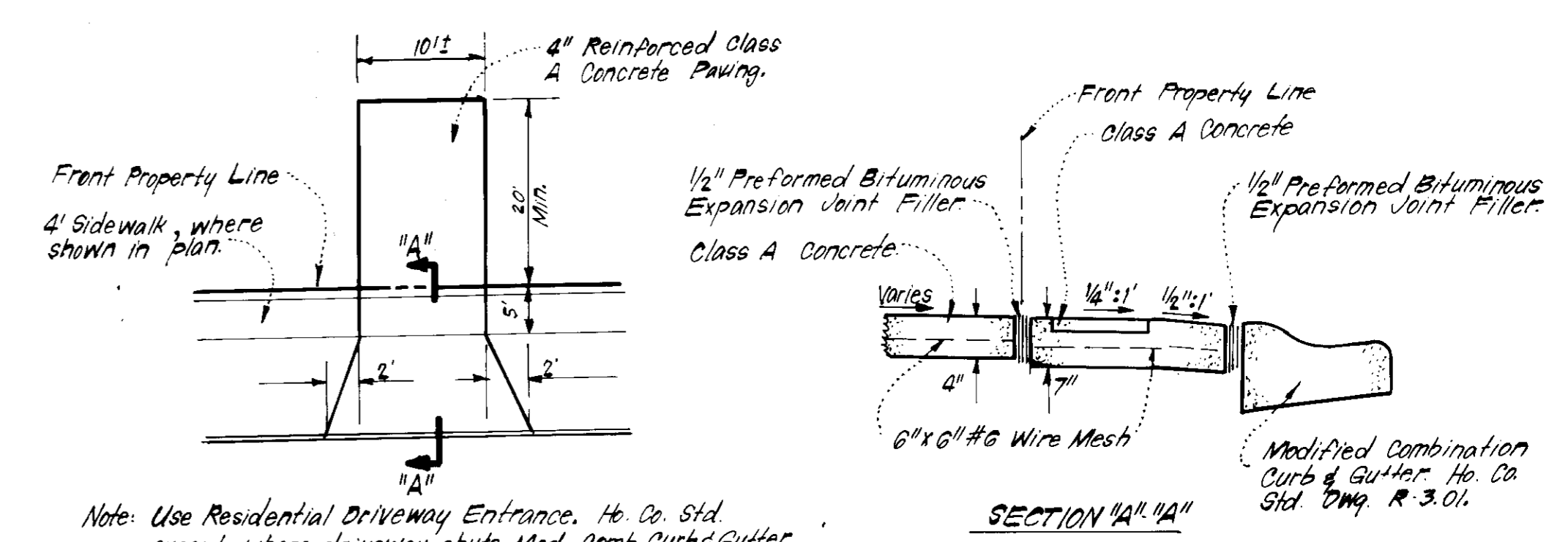


GENERAL NOTES

- The land included in this plan is zoned: New Town (SFLD)
- The lots shown on this plan are covered by Final Development Plan Phase F.D.P. 169, Part II.
- All coordinates are based on traverse controls for Columbia established by Maps Inc. in 1968 by Purdom & Jeschke which controls were tied to Maryland Bureau of Control Survey monuments and U.S. Coast & Geodetic Survey monuments in the Columbia area.
- The area covered in this submission is located on Tax Map #42.
- The total area included on this plan is 1.385 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: 5

LEGEND:

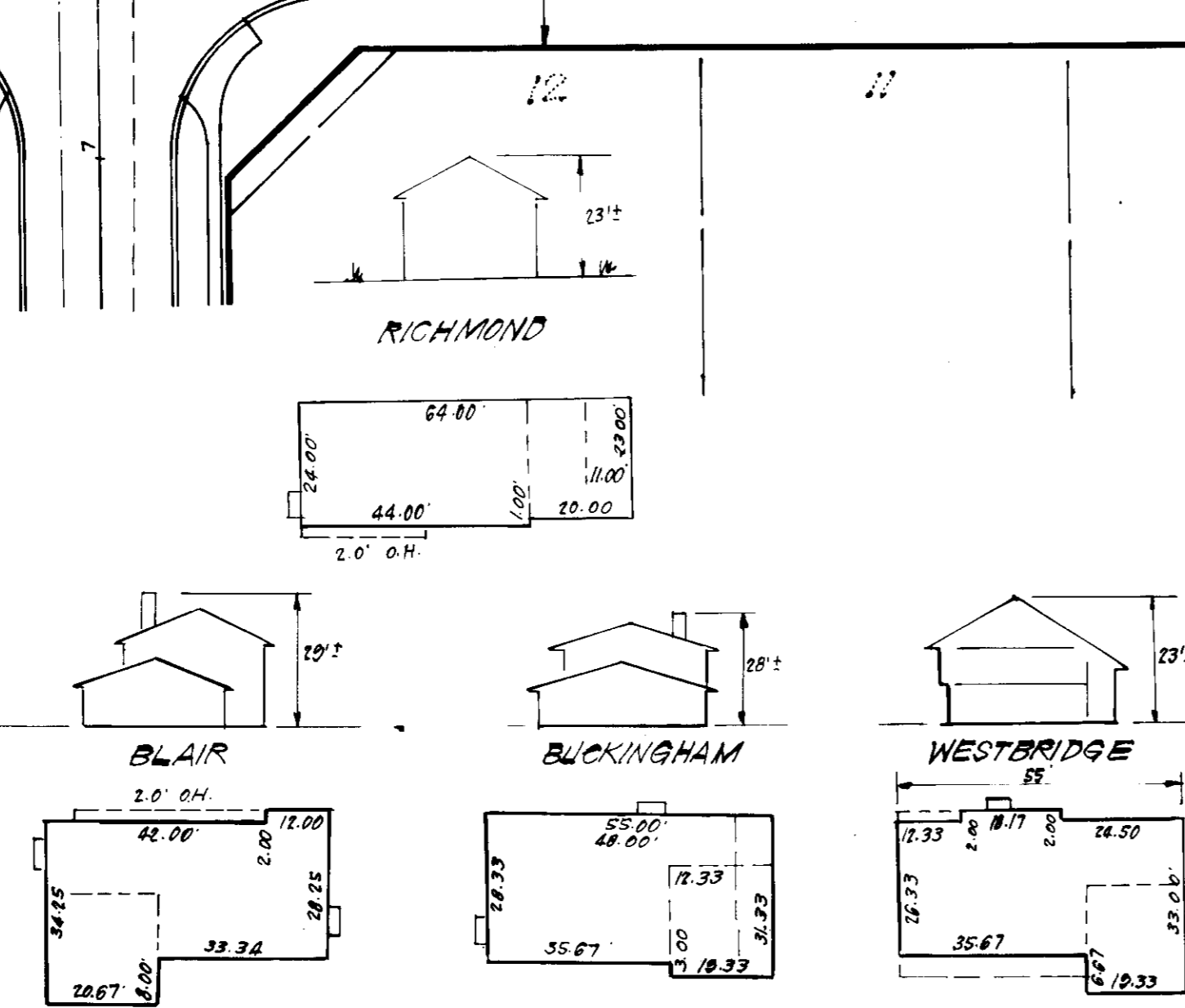
- Contour Interval 2 Ft.
- Existing Contour 370
- Proposed Contour 370
- Spot Elevation +705
- Direction of Drainage
- Exist. Trees to be retained



Note: Use Residential Driveway Entrance, Ho. Co. Std. except where driveway abuts Mod. Comb. Curb & Gutter.

Note: Materials and Construction shall be in accordance with Ho. Co. Road Constr. Code.

DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER
No SCALE



TYPICAL HOUSES
No SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE 12-9-82

Donald B. Sackett

PLAT REF: PLAT 4691

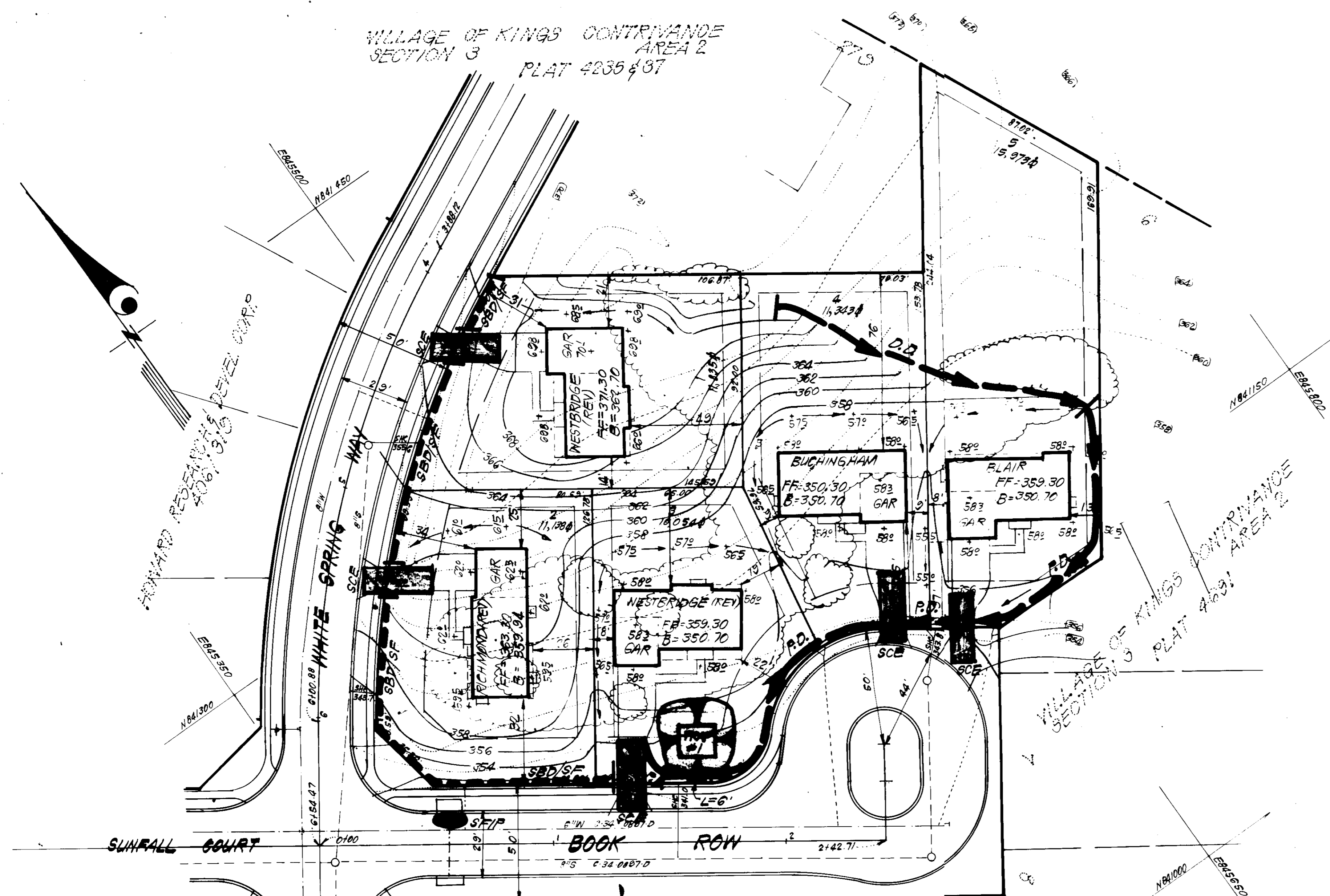
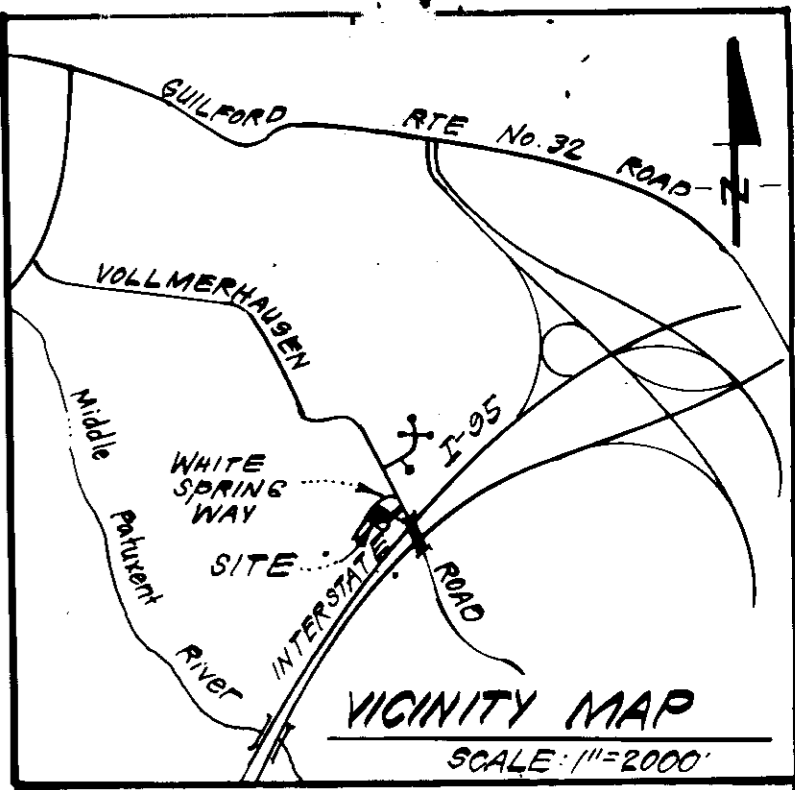
<p>CLARK · FINEROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS</p>		SCALE
		1" = 30'
DESIGNED	<p>SITE DEVELOPMENT PLAN LOTS 1 THRU 5 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 2 8TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	DRAWING
J.M.E.		10E 3
DRAWN		JOB NO.
K.W.		80-102
CHECKED		FILE NO.
J.M.E.	FOR: RULTE HOME CORP. 9602 C. Geo. Palmer Hwy. Lanham Md. 20706	80-102-X
DATE		
11-10-82		

SDP-83-50.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 12-27-82

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE 12-29-82
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 DATE 12-20-82
CHIEF BUREAU OF ENGINEERING



- LEGEND:**
- 1. Contour Interval 2 Ft
 - 2. Existing Contour 370
 - 3. Proposed Contour 370
 - 4. Spot Elevation +705
 - 5. Direction of Drainage →
 - 6. Exist. Trees to be retained ⊙
 - 7. Perimeter Dike P.D. →
 - 8. Diversion Dike D.D. →
 - 9. Straw Bale Dike or Silt Fence S.B./S.F. →
 - 10. Stone Construction Entrance SCE
 - 11. Sediment Trap ⊞
 - 12. Stone Filter Inlet Protection SFIP

TRAP #1 S.O.S.T. (ST-3)
 D.A. = 0.7 Acre
 Storage Required = 0.7(1800) = 1260 cf
 Storage Provided = 1260 cf
 Depth = 3'
 Top of Stone Crest = 353.3
 Bottom Elevation = 350.3
 Bottom Dimensions = 15' x 14'

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 12-9-82
 JLM

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER DATE 12/27/82

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE 12-27-82
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE 12-27-82

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE 12-21-82
 CHIEF BUREAU OF ENGINEERING DATE

Reviewed for Howard S.C.D.
 Name
 Comments Technical Requirements
 Signature Date 12/16/82
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED
 FOR SOIL EROSION AND SEDIMENT
 CONTROL BY THE HOWARD SOIL
 CONSERVATION DISTRICT.
 Signature Date 12-16-82
 Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE
 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, if deemed necessary.
 Signature Date 1/10/82
 Thomas Lawrence

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and
 Sediment Control represents a practical and workable
 plan and that it was prepared in accordance with the
 requirements of the Howard Soil Conservation
 District.
 Signature Date 11-10-82
 Nelson Clark

		CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS 1131 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400	
		DESIGNED J.L.S.	SCALE 1"=30'
DRAWN R.L.W.	DRAWING 2013	CHECKED J.L.S.	JOB NO. 80-104
DATE 11-10-82	FOR: RULTE HOME CORP. 9602 C Ave. Palmer Hwy Lanham, Md. 20706	FILE NO. 80-104 SE	

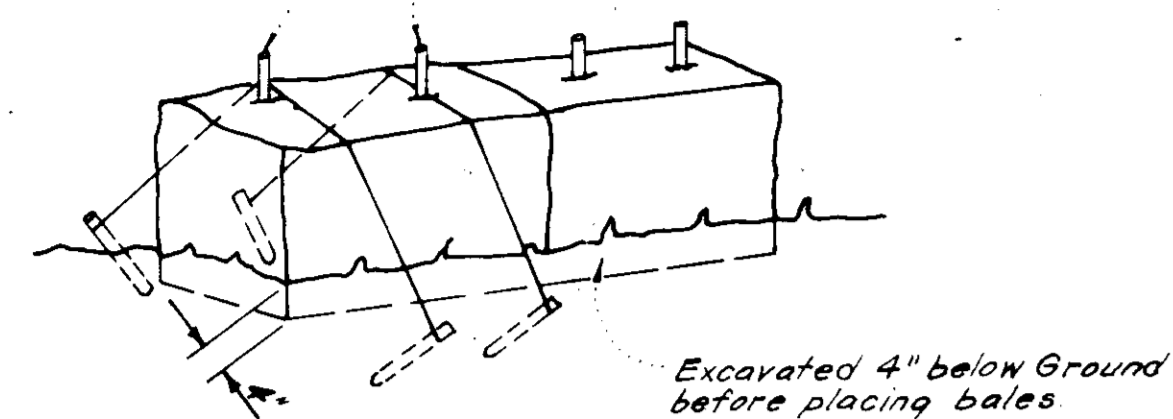
SDP-83-50

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 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 3lbs/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 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.
- 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 = 315 L.F.
- SITE ANALYSIS:

A. Total Area:	1.385 Acres
B. Area to be Roofed:	0.126 Acres
C. Area to be Paved:	0.083 Acres
D. Area to be Seeded:	0.856 Acres
E. Area Undisturbed:	0.250 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-Sold" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.

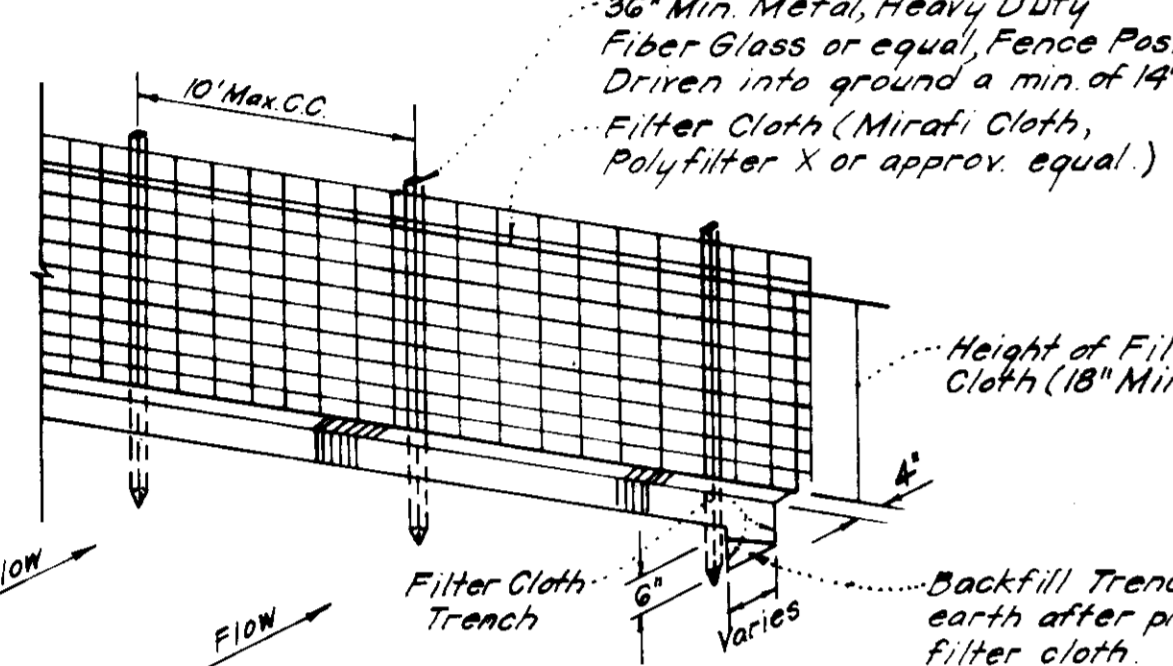
All bales shall be tied with non-weathering materials, i.e. wire, nylon.



Note: 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.)

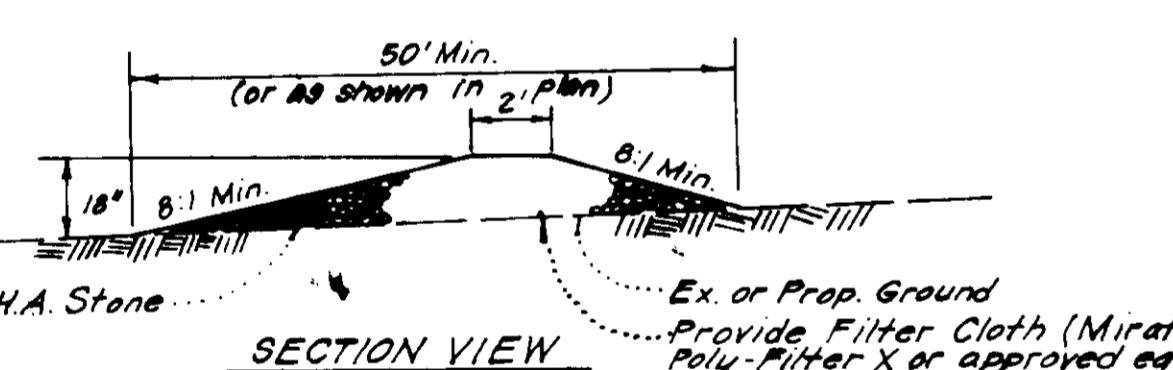
STRAW BALE DIKE DETAIL (S.B.D.)
No SCALE

Woven wire fence - Min 14 gaags; 6" Max spacing

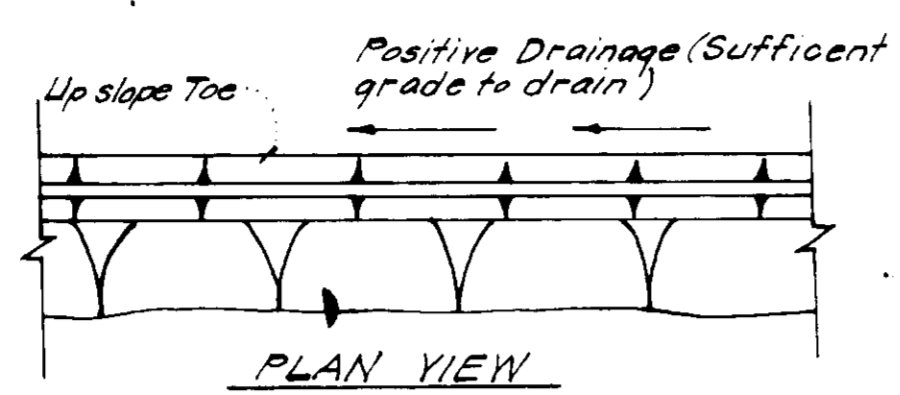
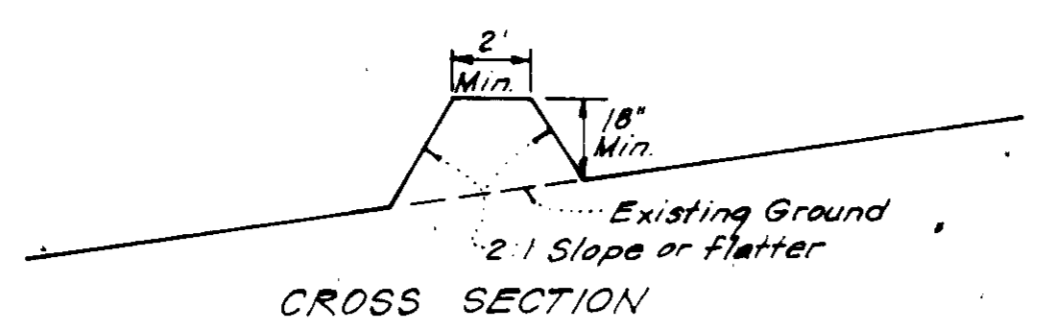


Notes: 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties. 2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".

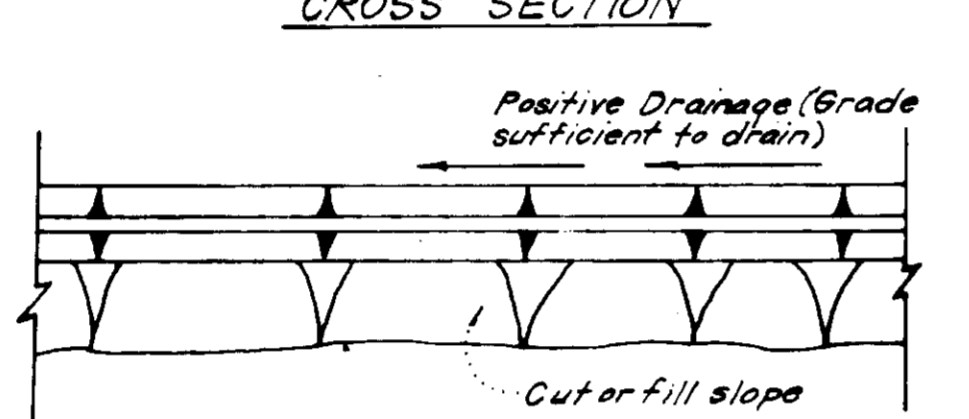
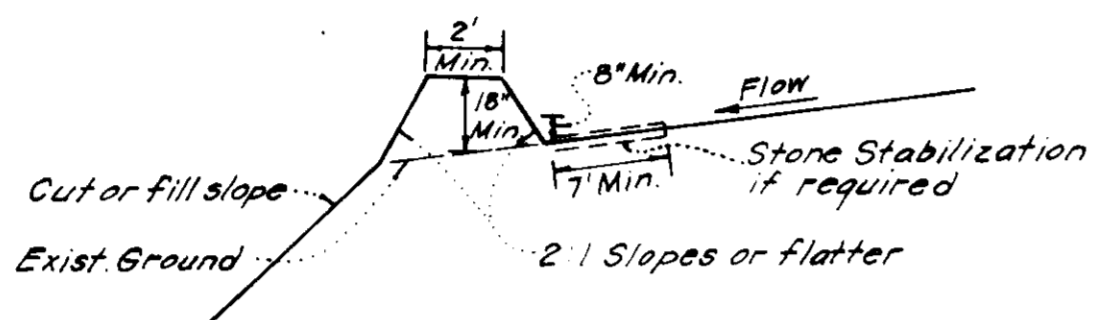
SILT FENCE DETAIL (S.F.)
No SCALE



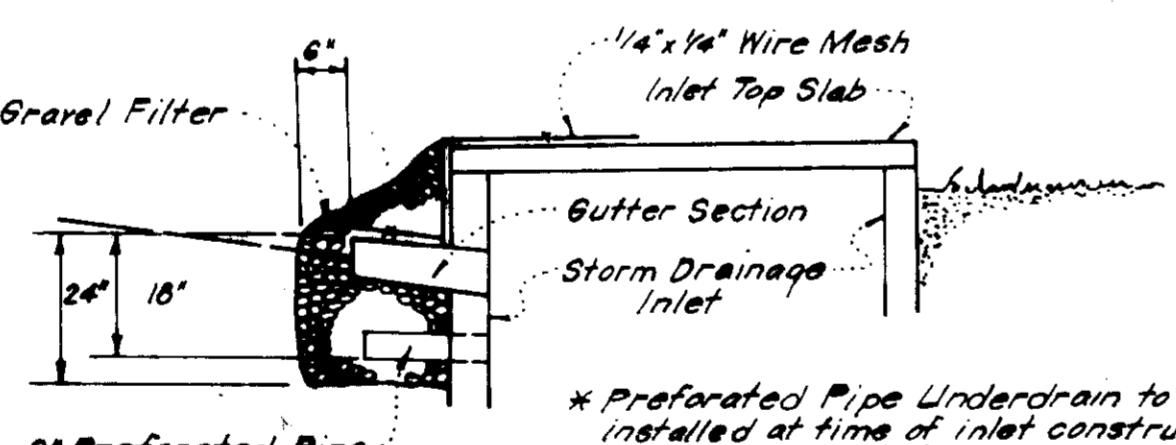
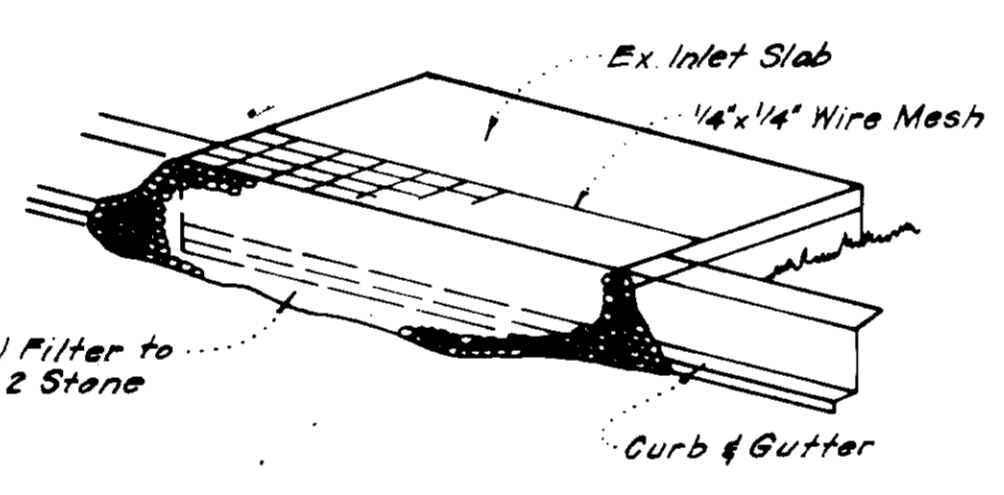
STONE CONSTRUCTION ENTRANCE (S.C.E.)
No SCALE



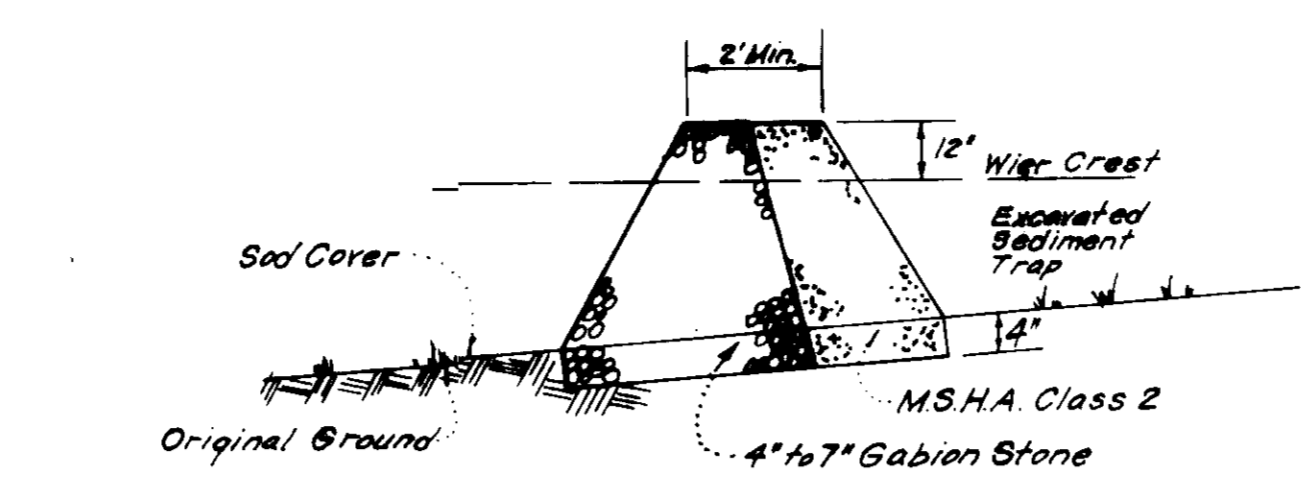
PERIMETER DIKE (P.D.)
No SCALE



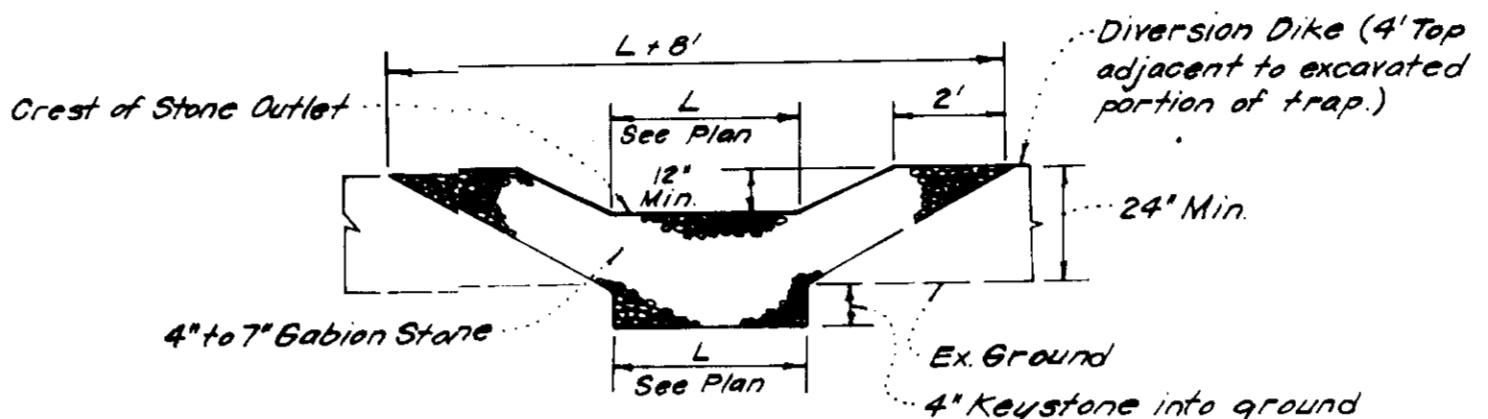
DIVERSION DIKE (D.D.)
No SCALE



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

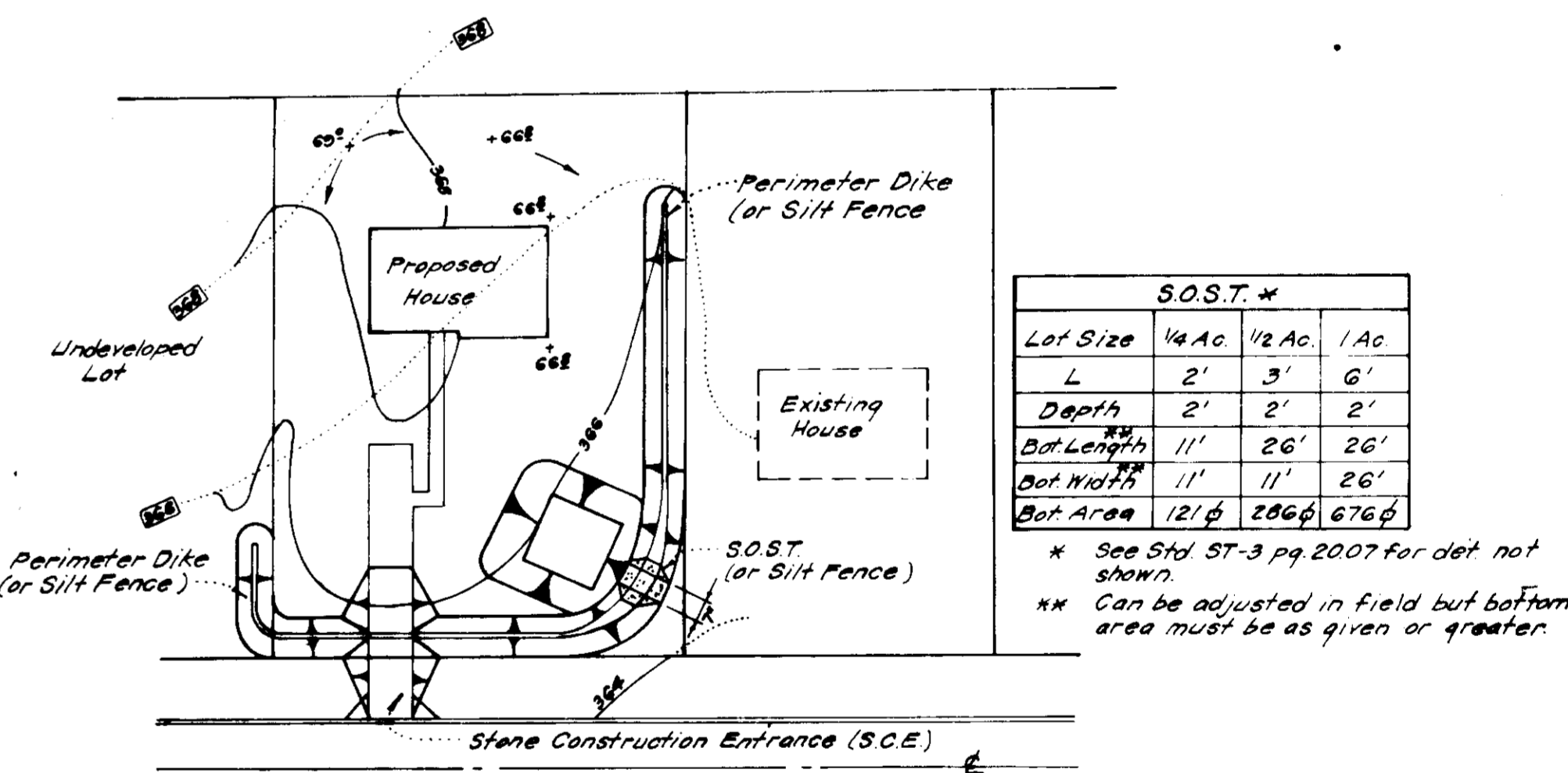


Note: For Dimensions not shown see plan.



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.

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



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	286 sq	676 sq

* See Std ST-3 pg 2007 for det not shown. ** Can be adjusted in field but bottom area must be as given or greater.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 12/27/82
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* DATE: 12-27-82
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* DATE: 12-27-82
 CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 12-27-82

Reviewed for HOWARD COUNTY S.C.D. Name: *[Signature]* and meets Technical Requirements. U.S. Soil Conservation Service. DEVELOPMENT PLAN IS APPROVED BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER'S/BUILDER'S CERTIFICATE. I certify that all development and construction will be done according to the plan of development and plan for erosion and sediment control... THOMAS LAWRENCE

ENGINEER'S CERTIFICATE. I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable... G. NELSON CLARK

CLARK • FINEPROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS. 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904. SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 5. COLUMBIA VILLAGE OF KINGS CONTRANCE SECTION 3 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND. FOR: FULTE HOME CORP 3602 G Geo. Palmer Hwy. Lanham, Md 20706. SCALE: As Shown. DRAWING: 3 OF 3. JOB NO: 80-104. FILE NO: 80-104 SE.

APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION HOWARD COUNTY, MARYLAND DATE 12-9-82