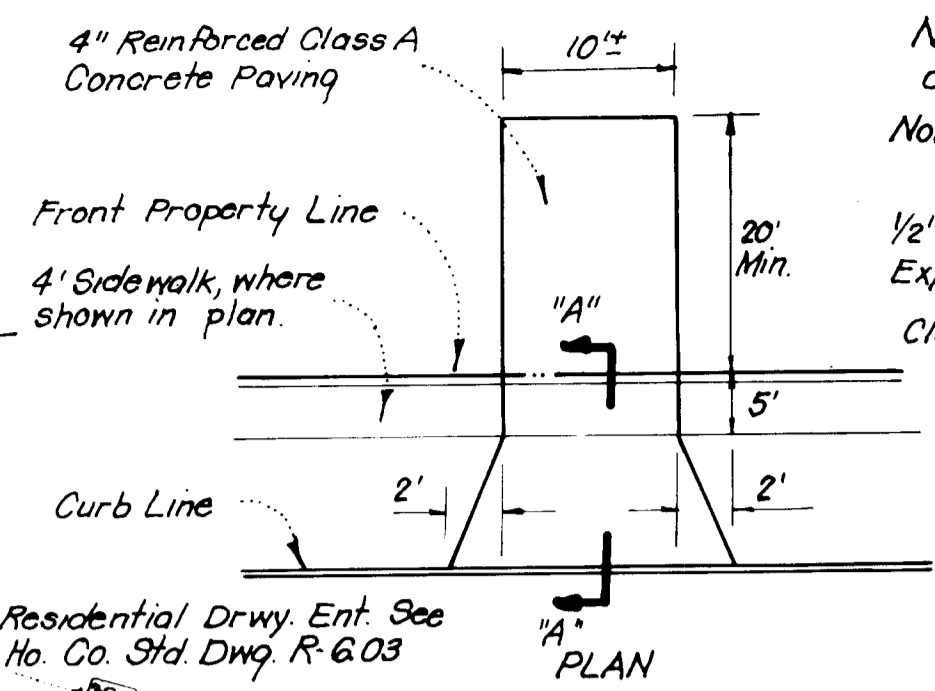
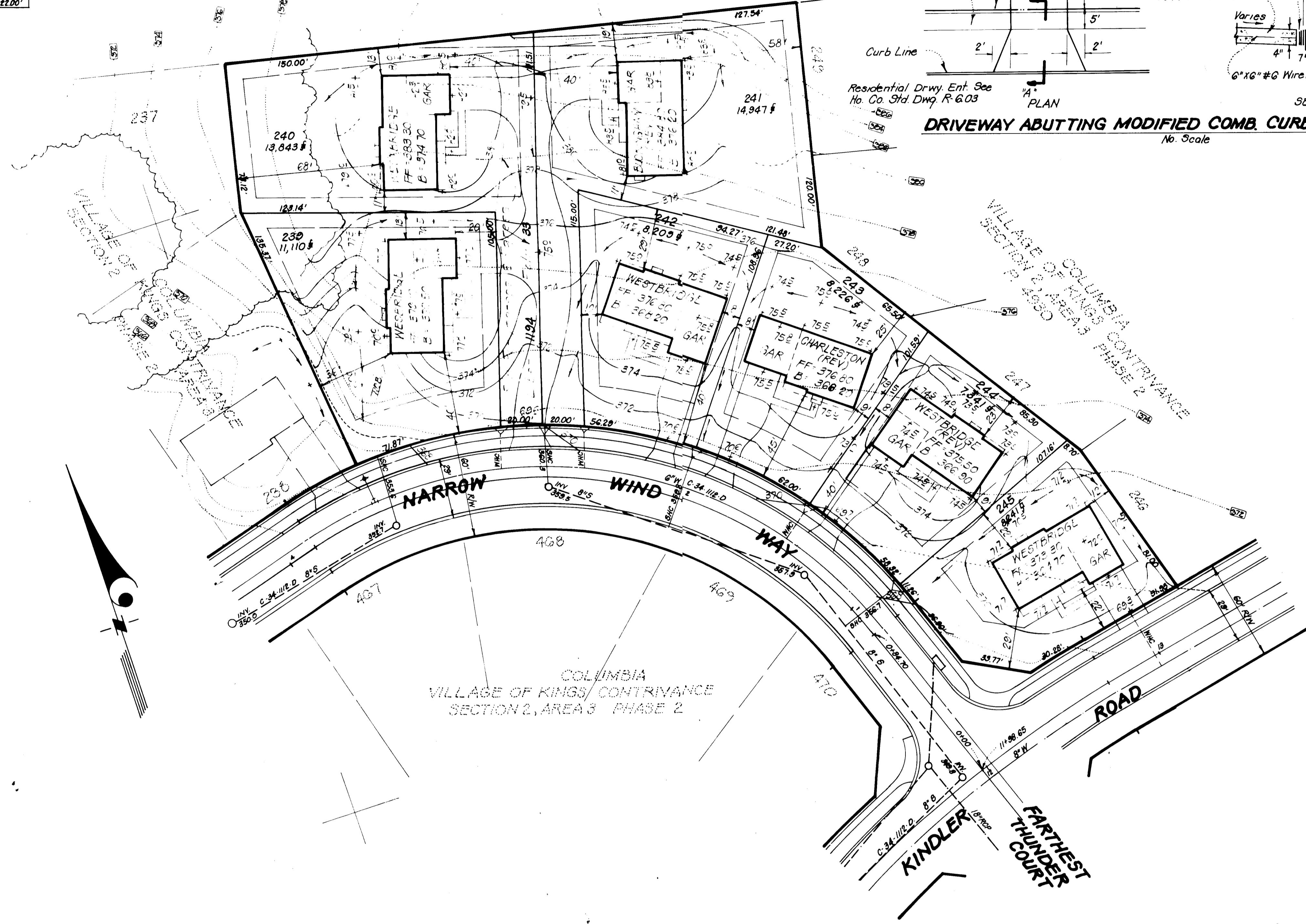
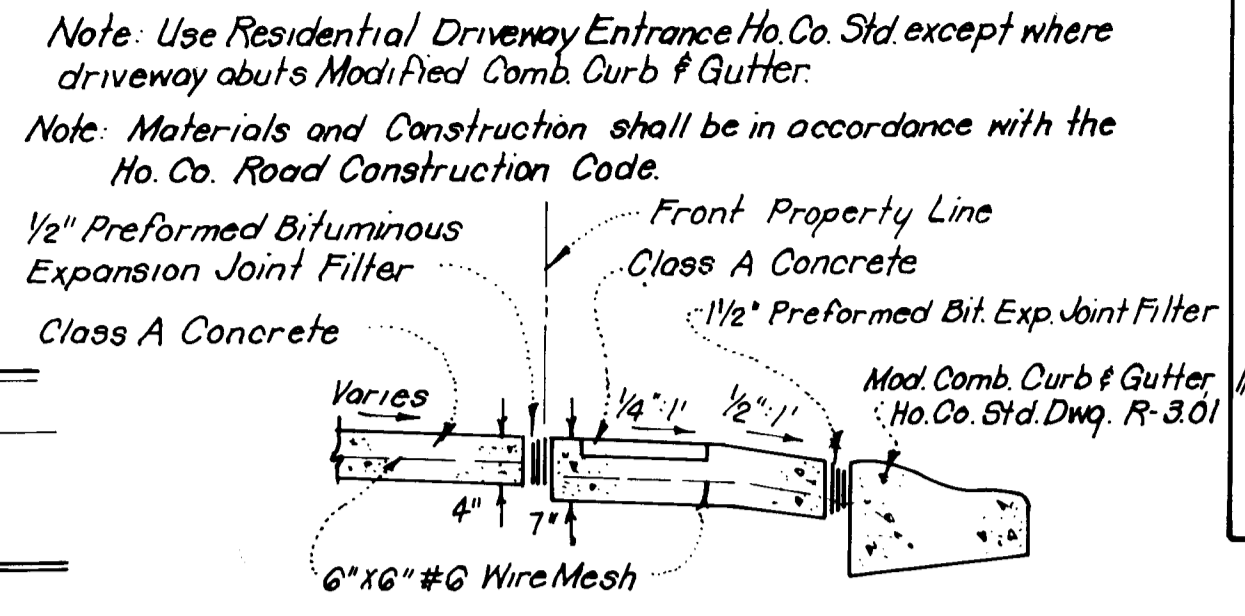


TYPICAL HOUSES  
NO SCALE

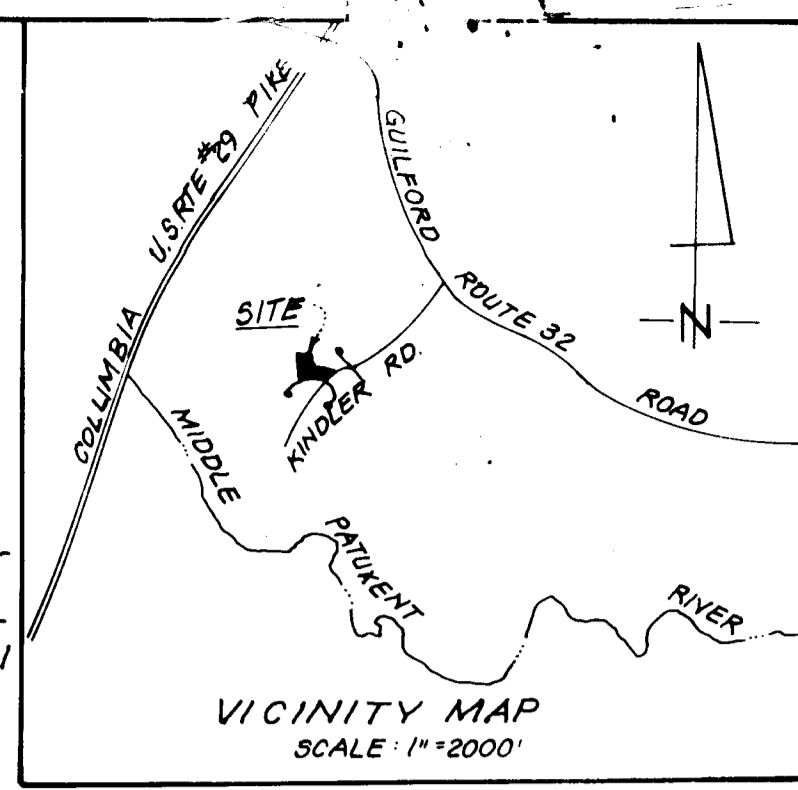
ZONE R-12  
PLEASANT GROVE CORPORATION  
L 5933/82



DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER  
No. Scale



SECTION 'A'-A'



GENERAL NOTES:

- The Lots shown on this plan are covered by Final Development Plan Phase 178 - A-III, Part II.
- All coordinates shown hereon are based on Howard County Geodetic Control Traverse which is based upon the Maryland State Plane Coordinates System.
- The total area included in this plan is 1.651 Acres.
- All roadways are public and existing.
- Any damage to County owned rights-of-way or paving shall be corrected at the Developer's expense.
- Total Number of Lots: 7

LEGEND:

- Contour Interval: 2 Ft.
- Existing Contour: Dashed line with dots
- Proposed Contour: Solid line with dots
- Spot Elevation: Circle with number
- Direction of Drainage: Arrow
- Existing Trees to be retained: Circle with cross
- Walk Out Basement: Circle with 'X'

NOTES: Public Water & Sewer shown for Reference Only.  
For more detailed information - See Water & Sewer plans Contract No. C-24-1112-D.

*David B. Sackett*

SUBDIVISION NAME COLUMBIA V.O.K.C.	SECT./AREA 2/3 Ph 2	LOT/PARCEL # 239-245
PLAT # OR L/F 4932	BLOCK # 7	ZONE R-12
TAX/ZONE MAP N.E. S.F.M.D.	ELEC. DIST. 42	CENSUS TR. G TH
WATER CODE E16	SEWER CODE 6440000	

LOT NUMBER	STREET ADDRESS
239	7334 NARROW WIND WAY
240	7330 " " "
241	7326 " " "
242	7322 " " "
243	7318 " " "
244	7314 NARROW WIND WAY
245	7310 KINDLER ROAD

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

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
DATE 10-13-83

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE 9-8-83

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 9-8-83

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

DESIGNED: J.M.E.  
DRAWN: J.M.E.  
CHECKED: J.M.E.  
DATE: 8-9-83

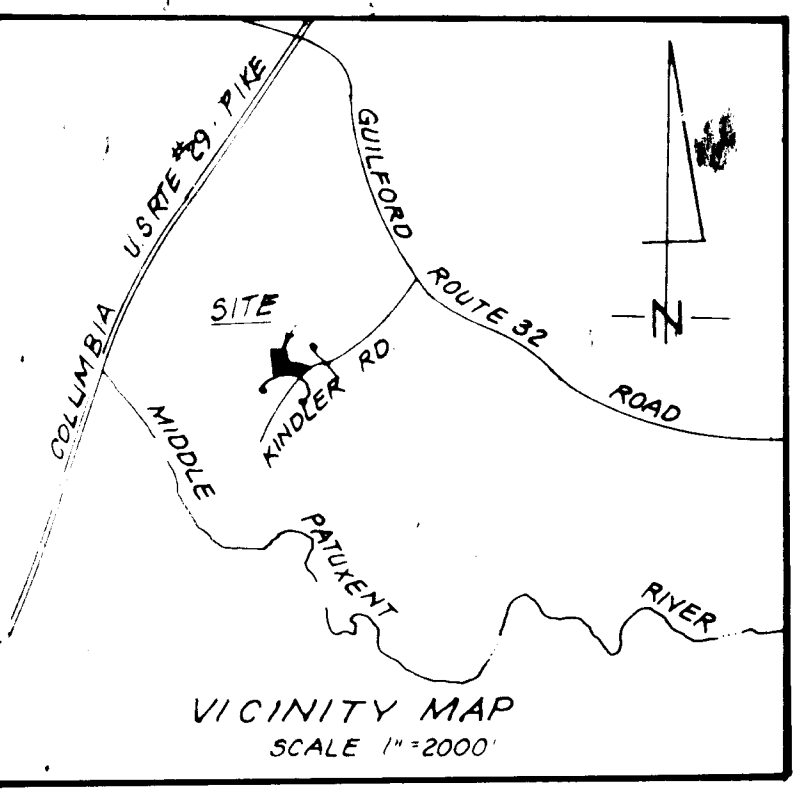
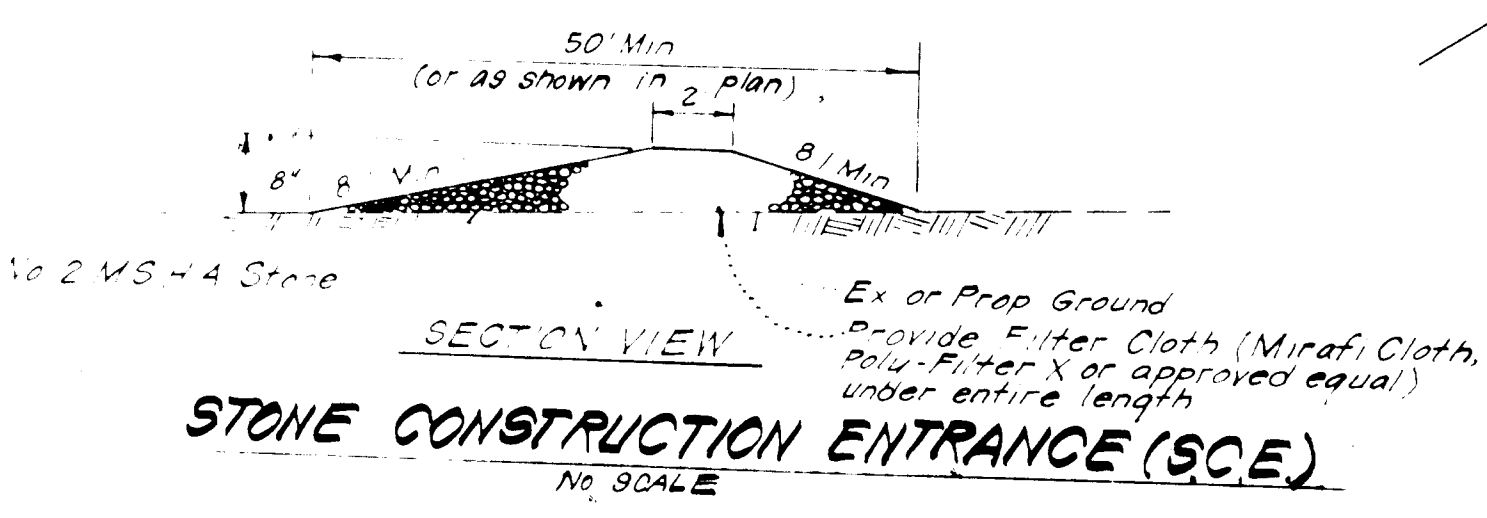
SITE DEVELOPMENT PLAN  
LOTS 239-245  
**COLUMBIA**  
VILLAGE OF KINGS CONTRIVANCE  
SECTION 2, AREA 3, PHASE 2  
GTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

FOR: PULTE HOME CORPORATION  
P.O. BOX 2008  
COLUMBIA, MD. 21045

SCALE: 1" = 30'  
DRAWING: 1 OF 2  
JOB NO.: 83-073  
FILE NO.: 83-073-X

- LEGEND:**
1. Contour Interval 2 FT.
  2. Existing Contour
  3. Proposed Contour
  4. Spot Elevation +70.5
  5. Direction of Drainage
  6. Walkout Basement
  7. Trees to be Retained
  8. Perimeter Dike
  9. Diversion Dike
  10. Stone Construction Entrance
  11. Sediment Trap

**TRAP #1 S.O.S.T. ST-3**  
 D.A. = 1.1 Acres  
 Storage Required = 1,1 x 1,800 = 1,980 cf.  
 Storage Provided = 1,980 cf.  
 Depth = 3'  
 Top of Stone Crest = 369.0  
 Bottom Elevation = 366.0  
 Bottom Dimension = 49' x 6'



**TRAP #2 S.O.S.T. ST-3**  
 D.A. = 0.5 Acre  
 Storage Required = 0.5 x 1,800 = 900 cf.  
 Storage Provided = 900 cf.  
 Depth = 3'  
 Top of Stone Crest = 369.0  
 Bottom Elevation = 366.0  
 Bottom Dimension = 26' x 4'

**APPROVED**  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE **9-8-83**

Reviewed for Howard S.C.D.  
 Name  
 and meets Technical Requirements  
 Signature [Signature] Date 9-8-83  
 U.S. Soil Conservation Service

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

Signature [Signature] Date 10-3-83  
 Approved

**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 [Signature] Date 8-10-83  
 Signature of Developer/Builder  
**MIKE COST**

**ENGINEER'S CERTIFICATE**

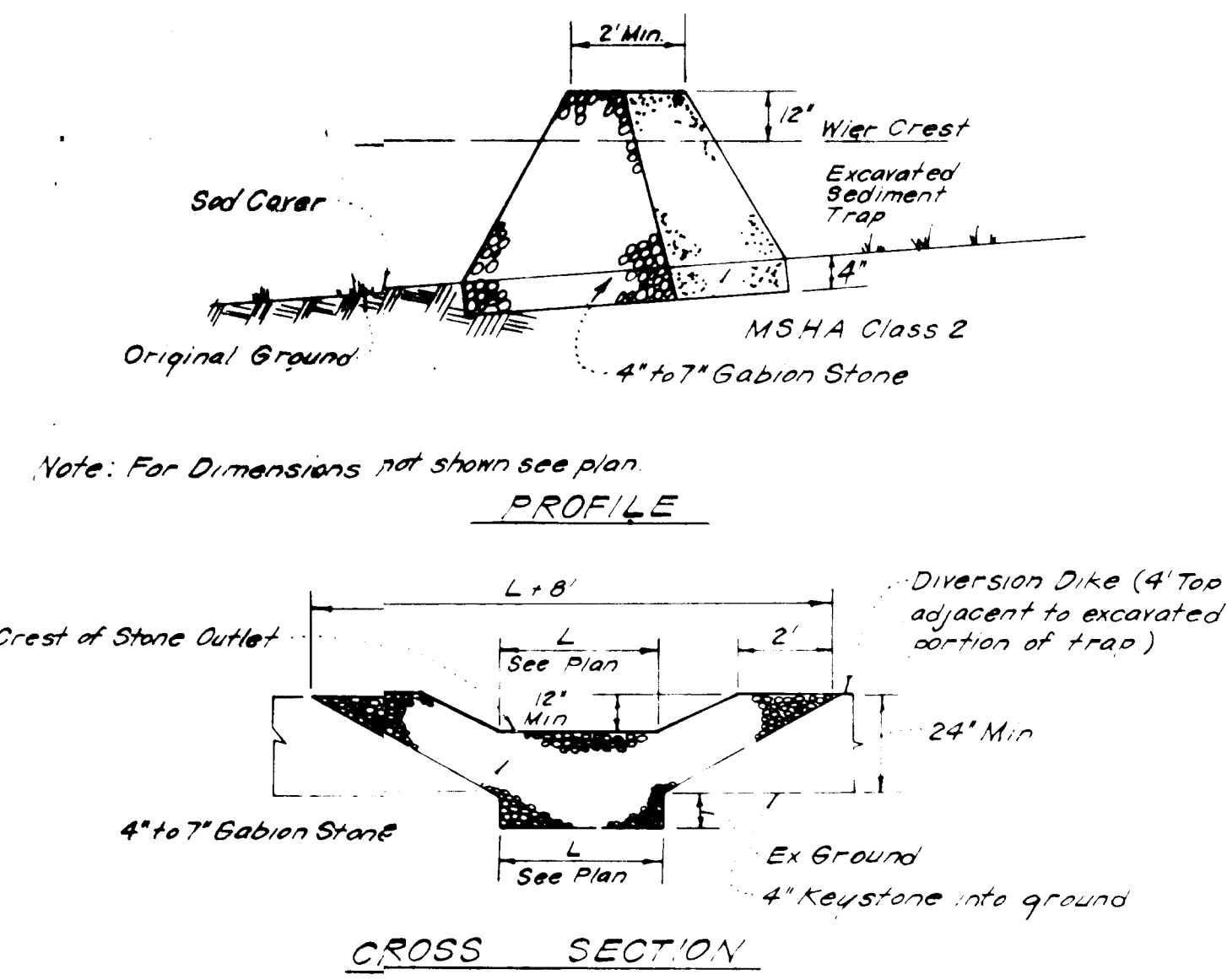
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Signature [Signature] Date 8-10-83  
 Signature  
**G. Nelson Clark**



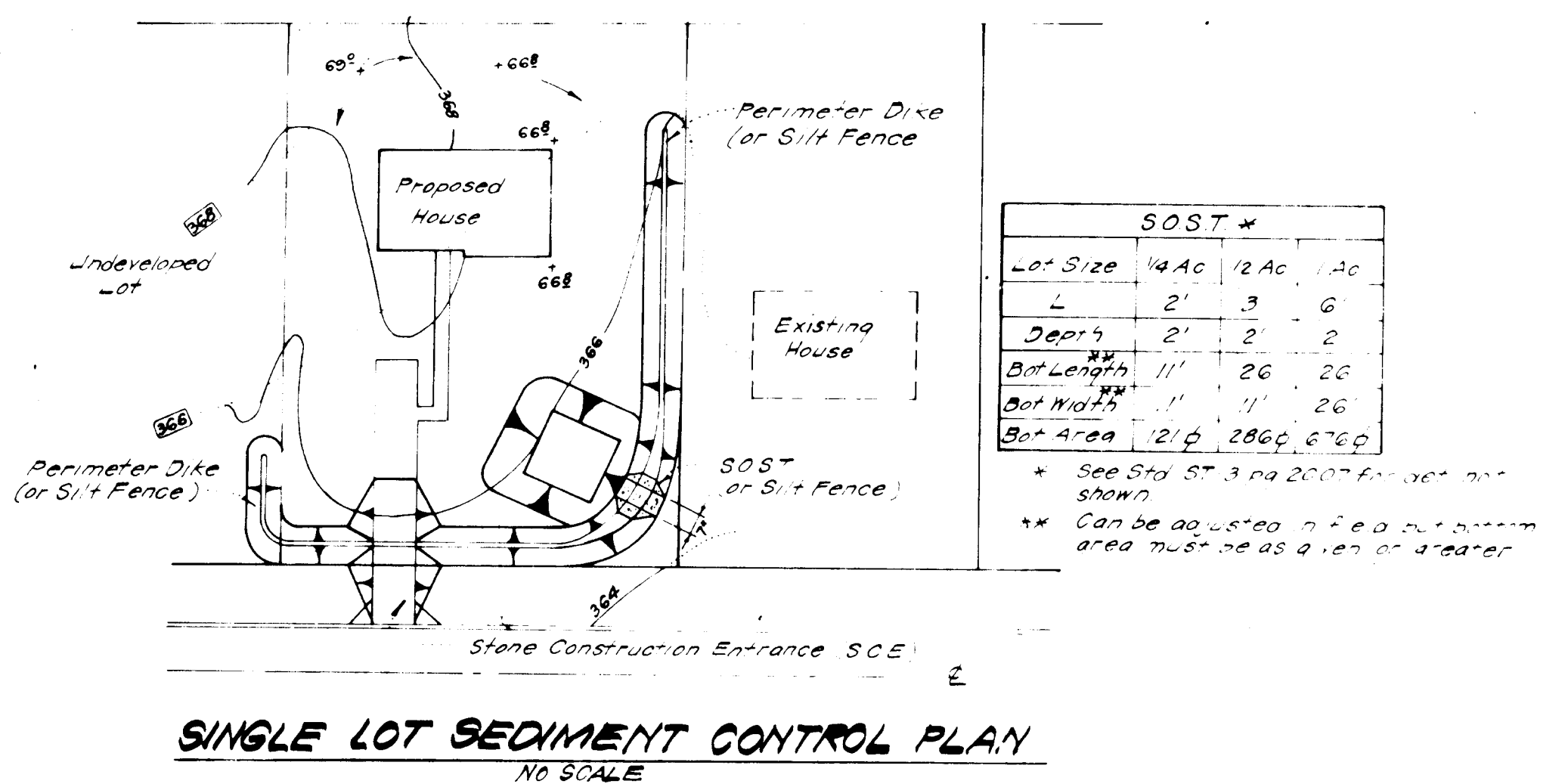
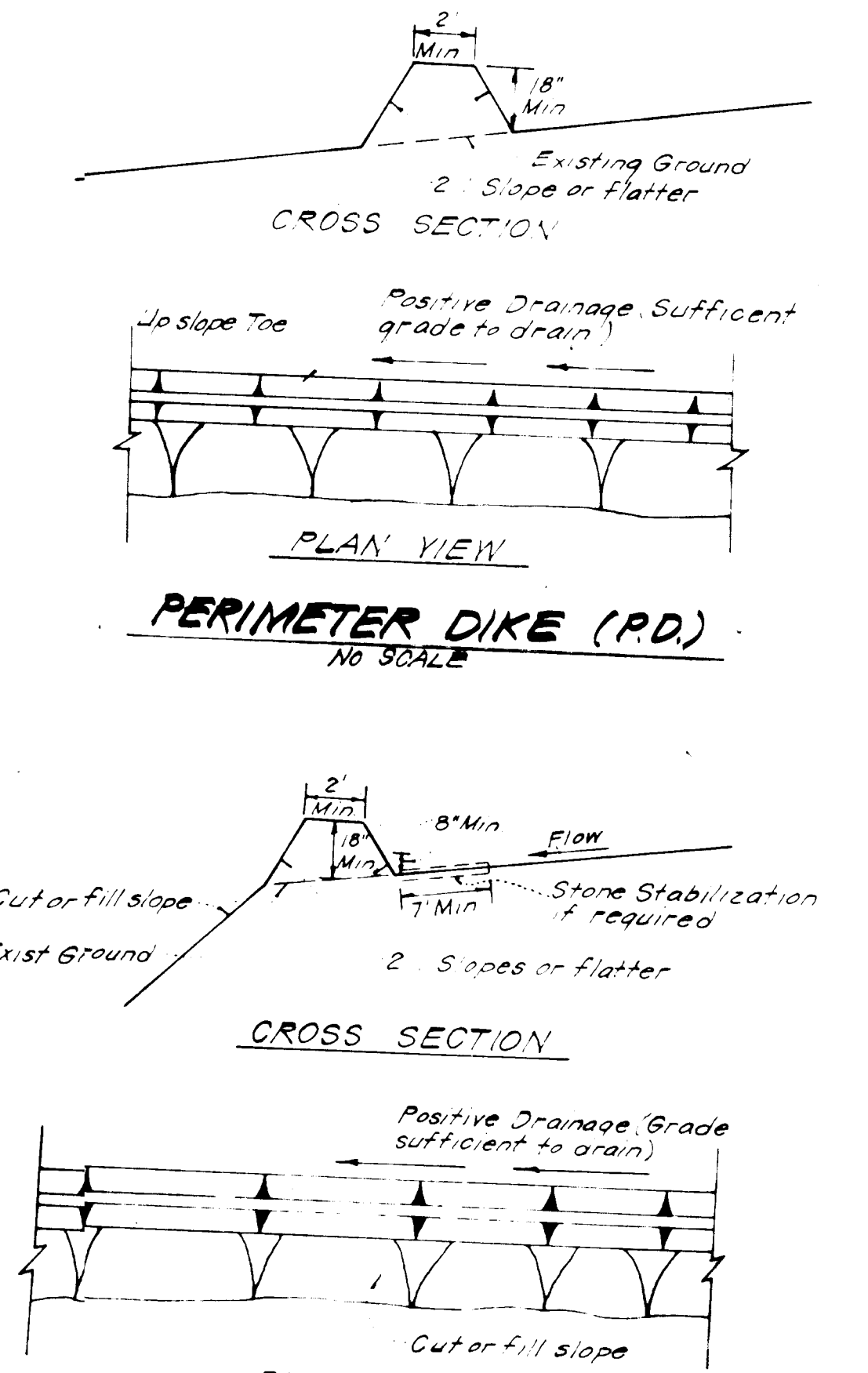
**GENERAL NOTES**

1. Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
2. 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 applied and applied at a rate of 14 lbs/1000 sf.
3. Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work.
4. 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.
5. Stabilization of Disturbed ground to be done as soon after construction as possible.
6. All disturbed area to be stabilized in accordance with the following Specifications:  
 A. Seed - certified 85% germination applied at the rate of 3.5sf/1000 sf. Mixture - Kentucky Blue, 20% Chemina Fescue, 20%, Kentucky 3 and 20% annual ryegrass.  
 B. Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf. Ground Agriculture Lime or Dolomitic Lime applied at a rate of 30 lbs/1000 sf.  
 C. 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, e.g. agronot fabric, chemical, etc.  
 D. All Sod used shall be Maryland State Certified.
7. 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.
8. On-Site Inspection and Maintenance of all Sediment Control Measures including the 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.
9. It will be the developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
10. The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
11. 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 from this site.
12. All pipes to be blocked at the end of each day. See detail this sheet N/A.
13. Total Amount of Straw Bales or Silt Fence shown = N/A =
14. **SITE ANALYSIS:**  
 A. Total Area = 1.651 Acres  
 B. Area to be Roofed = 0.274 Acres  
 C. Area to be Paved = 0.184 Acres  
 D. Area to be Seeded = 1.055 Acres  
 E. Area Undisturbed = 0.138 Acres
15. **CONSTRUCTION SEQUENCE:**  
 A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dike  
 B. Excavate for Foundations and Rough Grade  
 C. Erect Structures, Driveways and Sidewalks  
 D. Final Grade and Stabilize in accordance with note #6
16. If houses are to be constructed on an "As-Bid" basis at random, Stone Construction Control as shown on this sheet, shall be implemented.



- 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



**CLARK · FINEFROCK & SACKETT**  
 ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED J.L.S.	<b>SEDIMENT AND EROSION CONTROL PLAN</b> LOTS 239, 245 <b>COLUMBIA</b> VILLAGE OF KING'S CONTRIVANCE SECTION 2, AREA 3, PHASE 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN V.L.B.		DRAWING 2 OF 2
CHECKED J.L.S.		JOB NO. 83-073
DATE 8-10-83		FILE NO. 83-073 SE
		FOR: PULTE HOME CORPORATION P.O. BOX 2008 COLUMBIA, MD 21045