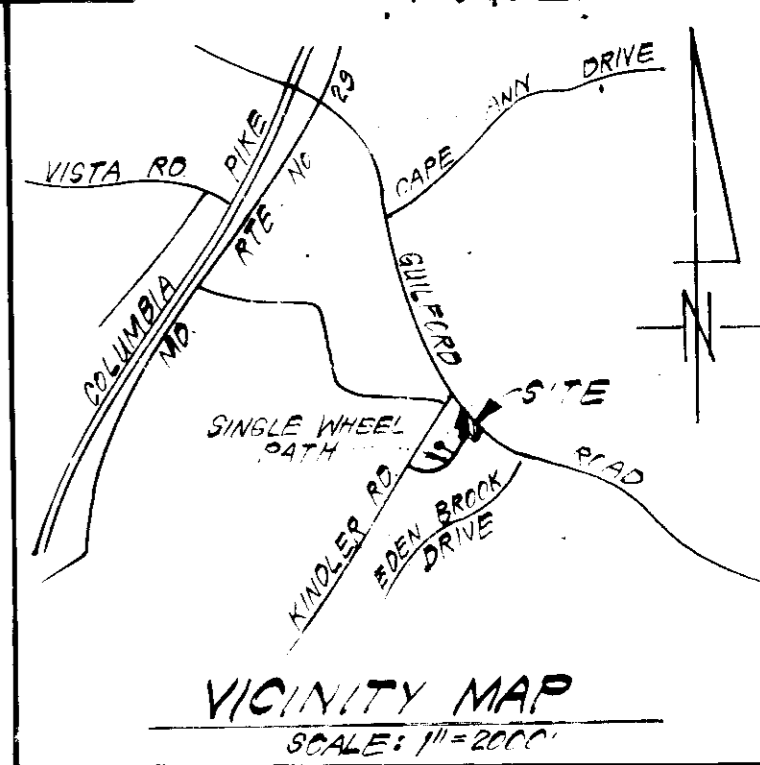


LEGEND:

- 1. Contour Interval 2'±
- 2. Existing Contour 40'
- 3. Proposed Contour 41'
- 4. Spot Elevation +105
- 5. Direction of Drainage →
- 6. Existing Trees to be retained ○

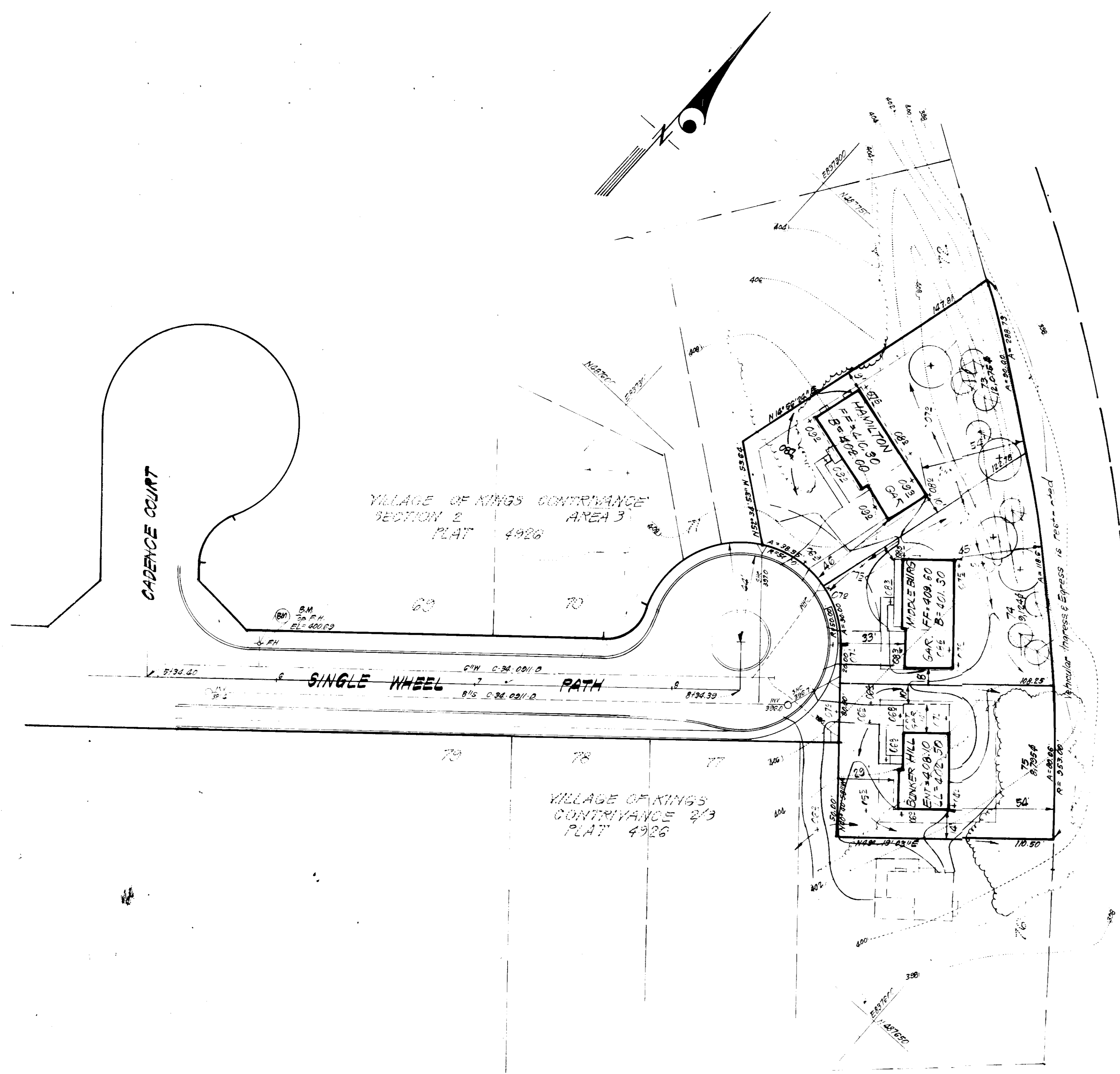


GENERAL NOTES:

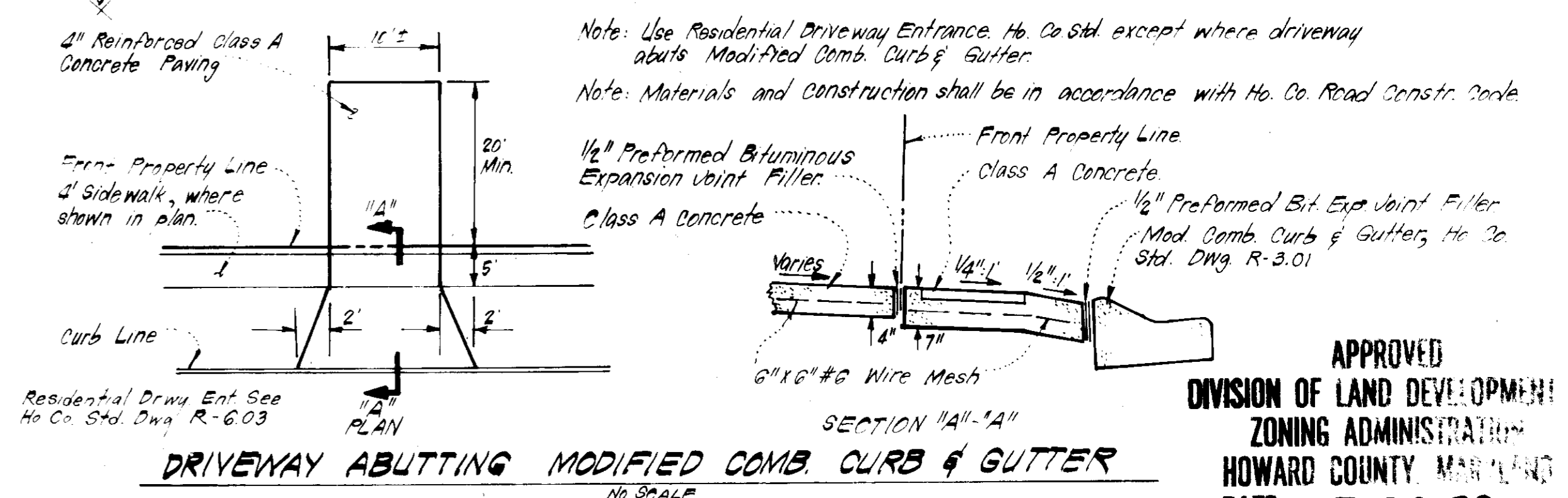
- 1. The Land included in this plan is zoned New Town (S.E.M.D.)
- 2. The Lots shown on this plan are covered by Final Development Plan Phase 178-A, Part II.
- 3. All coordinates shown hereon are based on Howard County Geodetic Control Traverse which is based upon the Maryland State Plane Coordinate System.
- 4. The area covered is located on Tax Map # 22.
- 5. The total area included in this plan is 0.289 Acres.
- 6. All roadways are public & existing.
- 7. Any damage to publicly owned rights of way or paving shall be corrected at the developer's expense.

PROPOSED BUFFER

- 4 ASPER RUMULUM - 2 1/2" CAL D.I.D
- B HINUS STROBUS - 6-8" HT D.I.D

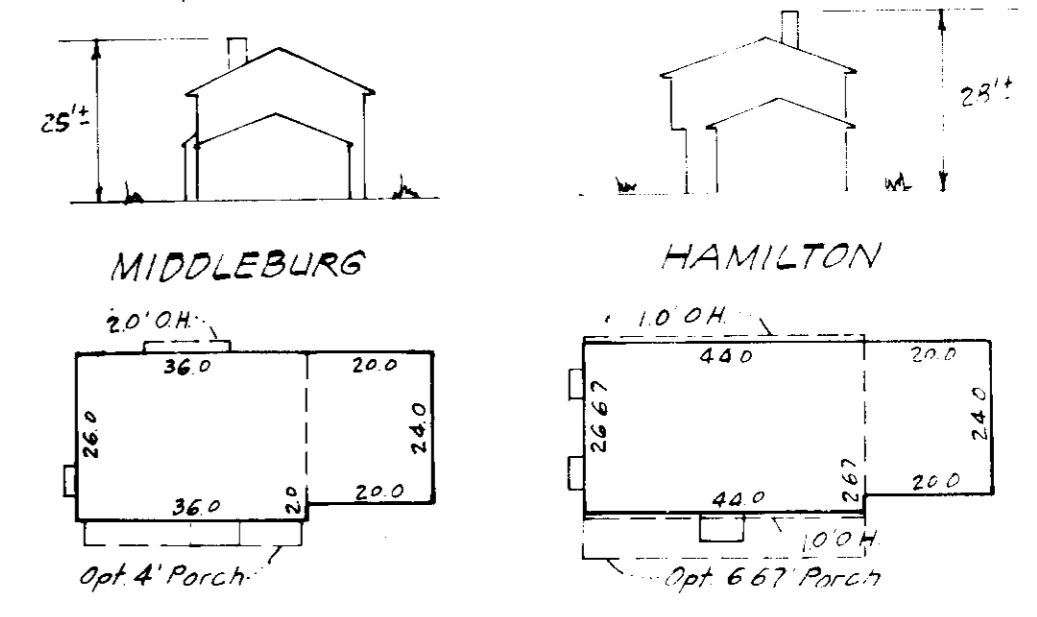


M.D. ROUTE NO. 92



DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER
NO SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 7-28-82
JUM



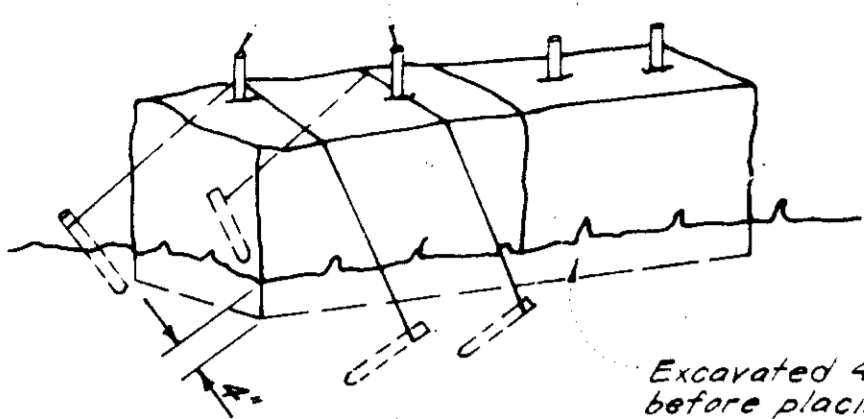
TYPICAL HOUSES
NO SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	8-12-82
APPROVED FOR PLANNING & ZONING	8-12-82
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, WASTE MANAGEMENT SYSTEMS, AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	8-6-82
	8-4-82

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS	
DESIGNED	J.M.E.
DRAWN	J.M.E.
CHECKED	K.I.W.
DATE	7-13-82
PLAT REFERENCE: 4926 SITE DEVELOPMENT PLAN LOTS 73 THROUGH 75 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 2 AREA 3 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: THE RLAND GROUP Oakland Mills, MD 21113	

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

Two rebars or wooden stakes driven through each hole 1 1/2" - 2" into ground. Rebars to be driven flush with top of bales

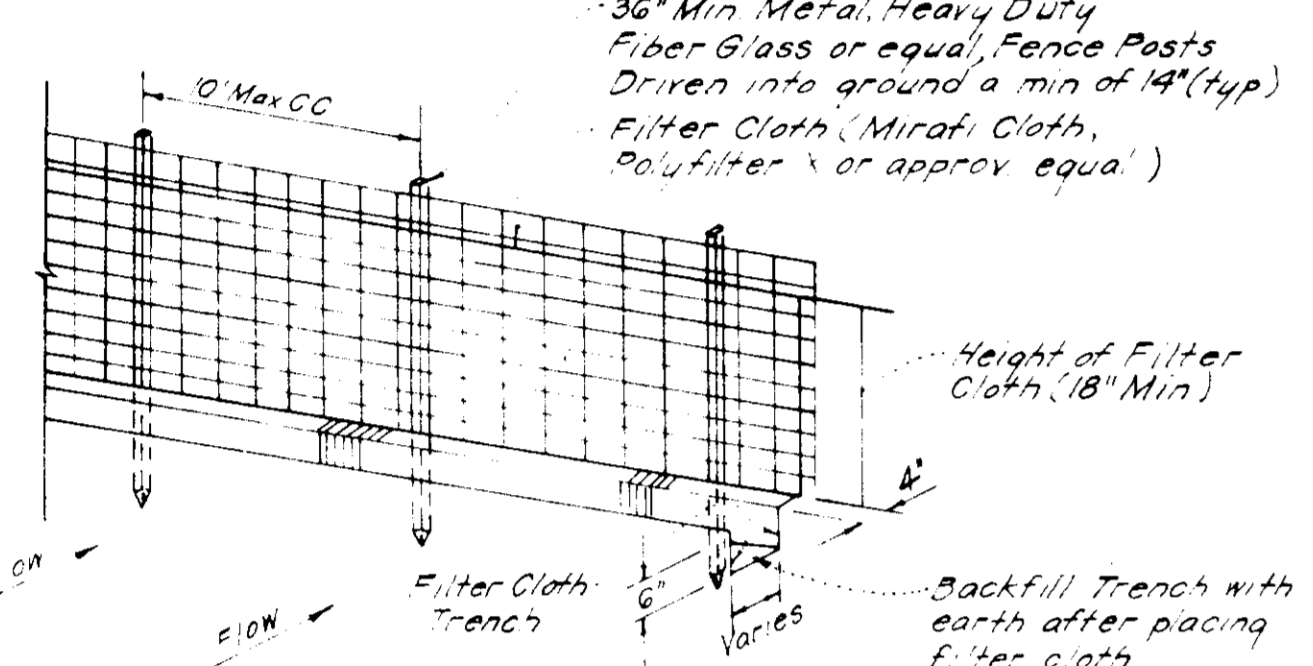


Excavated 4" below ground before placing bales

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

STRAW BALE DIKE DETAIL (SBD)
No SCALE

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



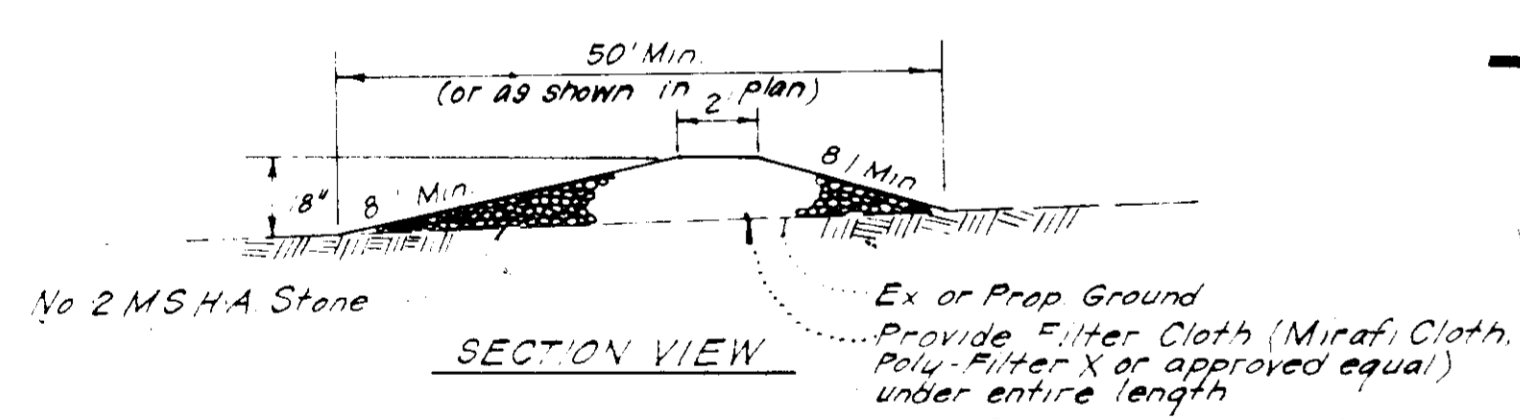
3/8" Min. Metal, Heavy Duty, Fiber Glass or equal, Fence Posts Driven into ground a min of 14" (typ)
Filter Cloth (Miraf Cloth, Polyfilter X or approved equal)

Height of Filter Cloth (18" Min)

Backfill Trench with earth after placing Filter cloth

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" x 24"

SILT FENCE DETAIL (SF)
No SCALE

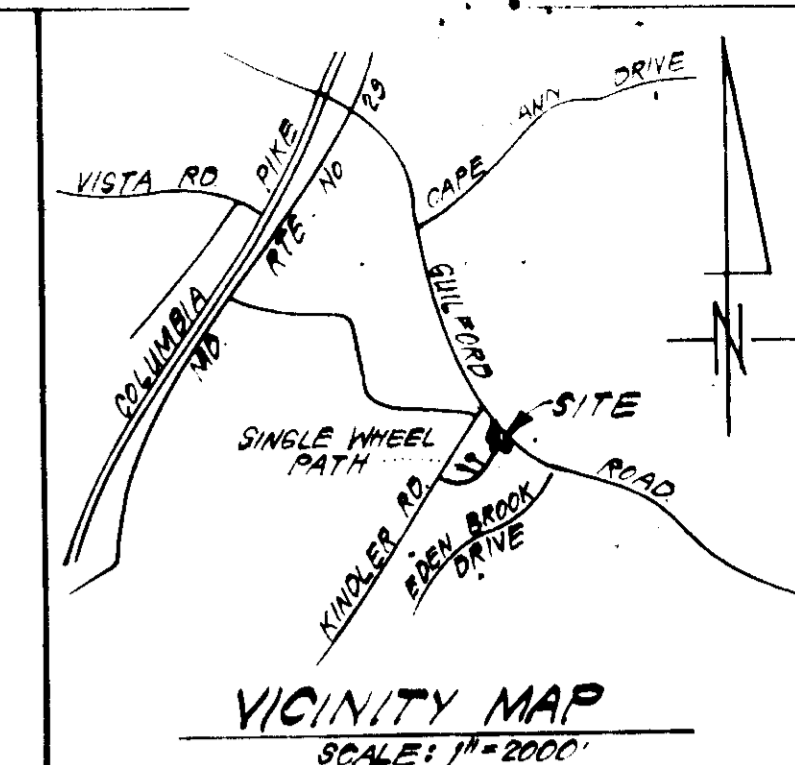


Ex or Prop Ground Provide Filter Cloth (Miraf Cloth, Poly Filter X or approved equal) under entire length

STONE CONSTRUCTION ENTRANCE (SCE)
No SCALE

LEGEND:

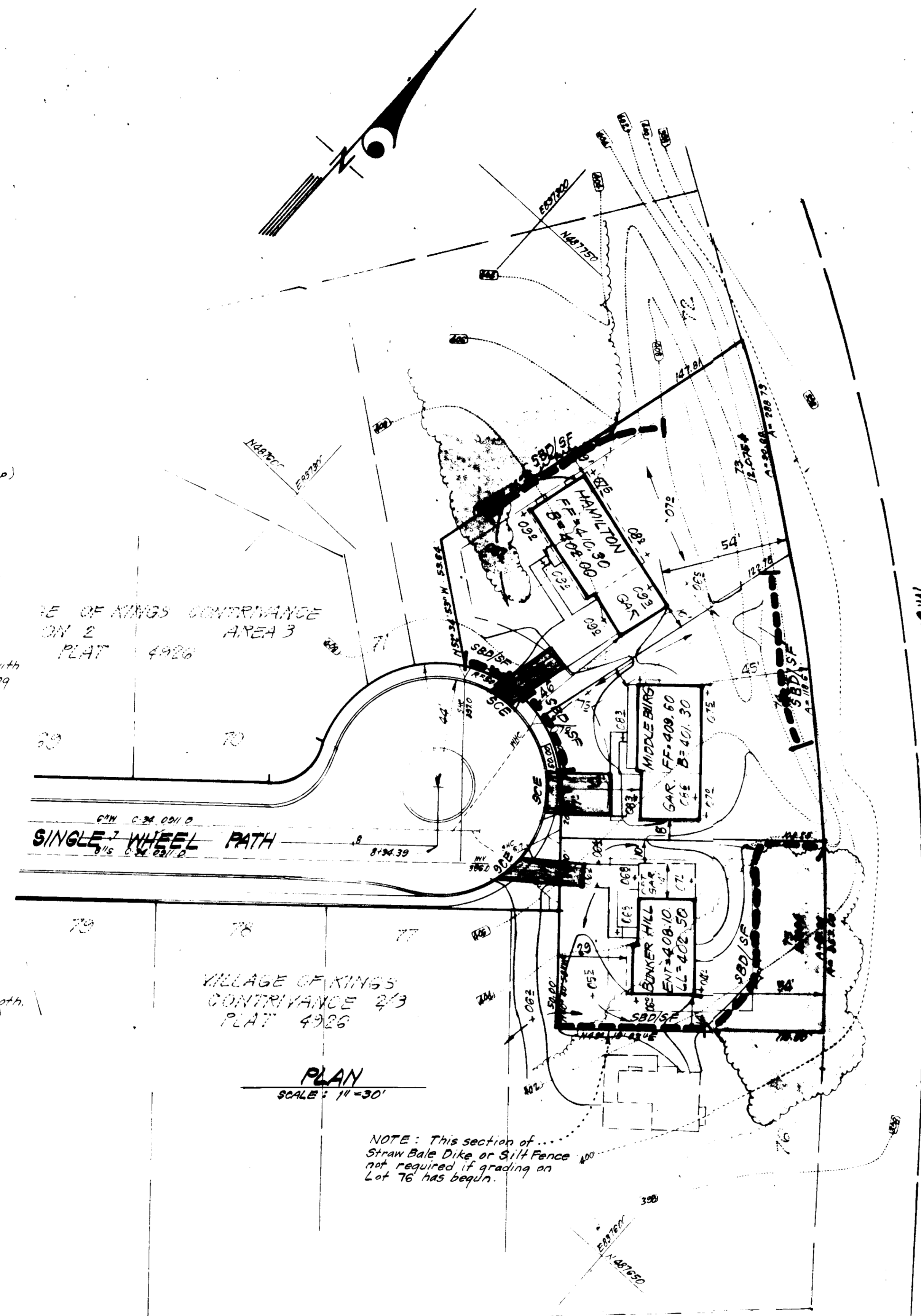
1. Contour Interval 2'±
2. Existing Contour 1/8" = 10'
3. Proposed Contour 1/8" = 10'
4. Spot Elevation +1.0E
5. Direction of Drainage
6. Existing Trees to be retained
7. Straw Bale Dike or Silt Fence
8. Stone Construction Entrance



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 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 "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 lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% Chewa Fescue, 20% Kentucky 31 and 20% annual rye.
 - B. Fertilizer - 0-10-0 applied at a rate of 23 lbs/1000 sf. Ground Agricultural Lime or Dolomitic Lime use as a rate of 90 lbs/1000 sf.
 - C. Mulch - Weed free iron straw use as a rate of 70-90 lbs/1000 sf. Mulch shall be secured to the ground by any suitable method i.e. asphalt tacks, chemical binder etc.
 - D. All Seed 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 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 continuous daily 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 to or from this site.
12. Total Amount of Straw Bales in Silt Fence Line = 320 L.F.
13. SITE ANALYSIS:

A. Total Area	0.689	Acres
B. Area to be Roofed	0.109	Acres
C. Area to be Paved	0.045	Acres
D. Area to be Seeded	0.347	Acres
E. Area Undisturbed	0.188	Acres
14. CONSTRUCTION SEQUENCE:
 - A. Install Sediment & Erosion Control Devices.
 - B. Excavate for Foundations and Rough Grade.
 - C. Erect Structures, Driveways and Sidewalks.
 - D. Final Grade and Stabilize in accordance with note #2.



PLAN
SCALE: 1" = 30'

NOTE: This section of Straw Bale Dike or Silt Fence not required if grading on Lot 76 has begun.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Reviewed for HOWARD S.C.D. Name
 Signature
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

DEVELOPER'S/BUILDER'S CERTIFICATE
 I/We certify that all development and construction will be done according to the 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.

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.



APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 7-28-82

CLARK • FINEPROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		SCALE
DESIGNED	SEDIMENT & EROSION CONTROL PLAN LOTS 73 THRU 75	As Shown
DRAWN		DRAWING
K/I/W	COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	20F2
CHECKED		JUNE NO.
DATE	7-13-82	FILE NO. 82-040
		PROJECT NO. 82-040-SE

SDP-88-08C