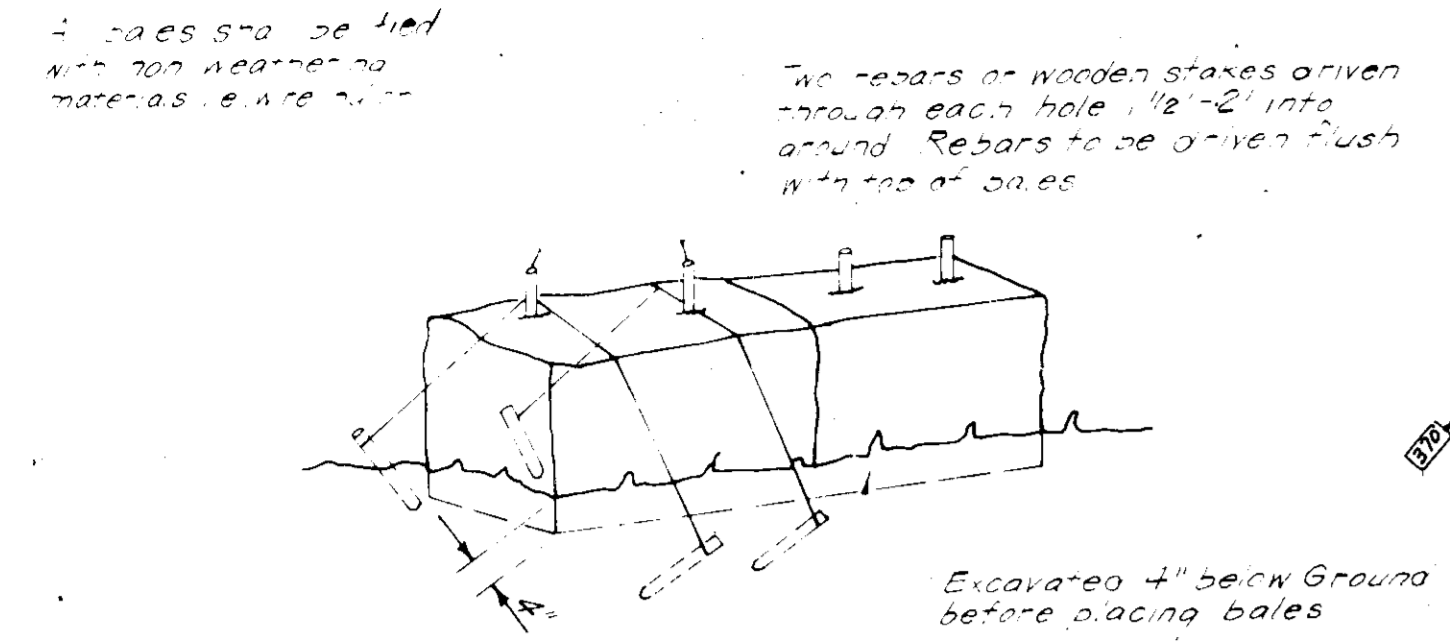
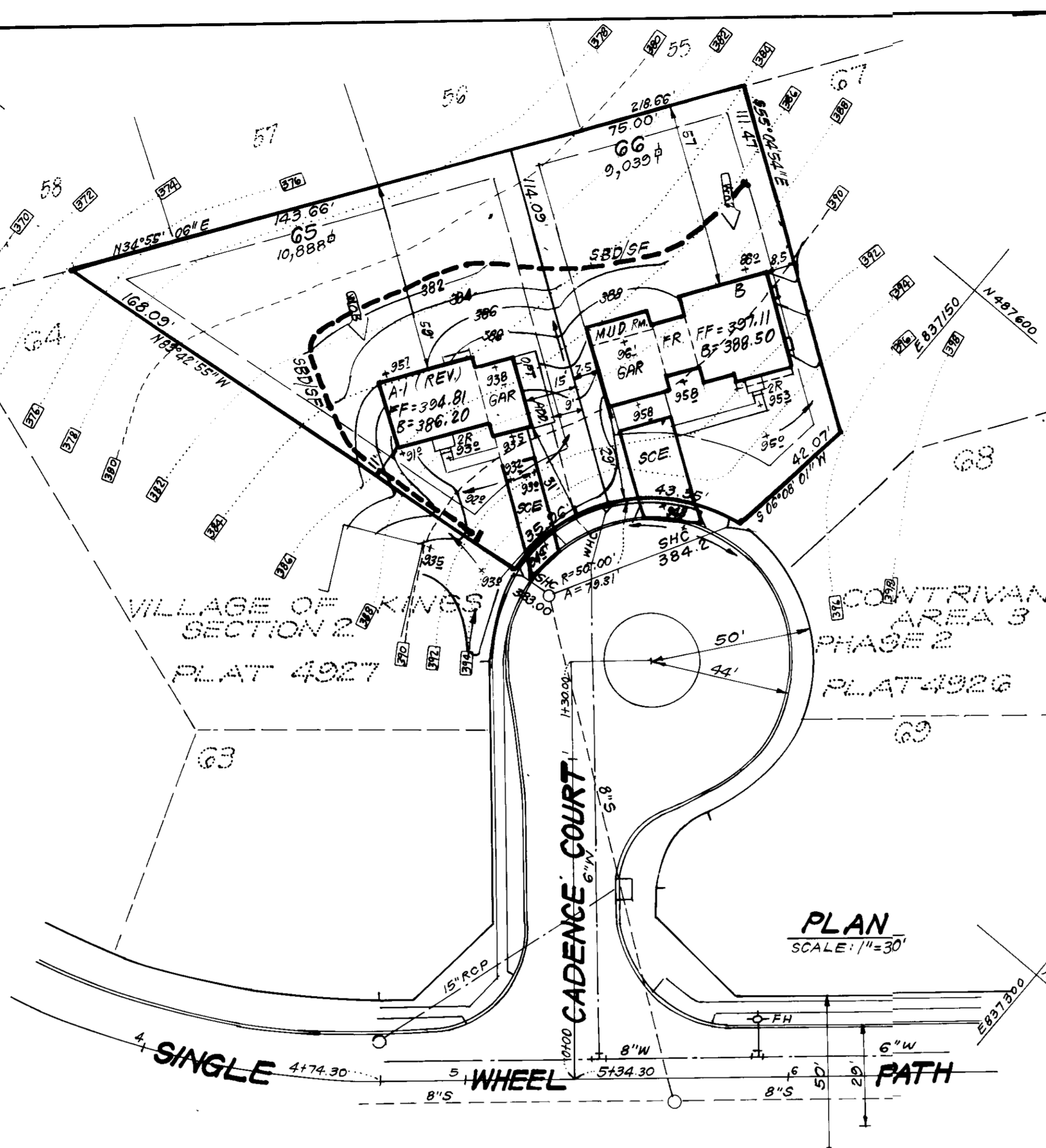
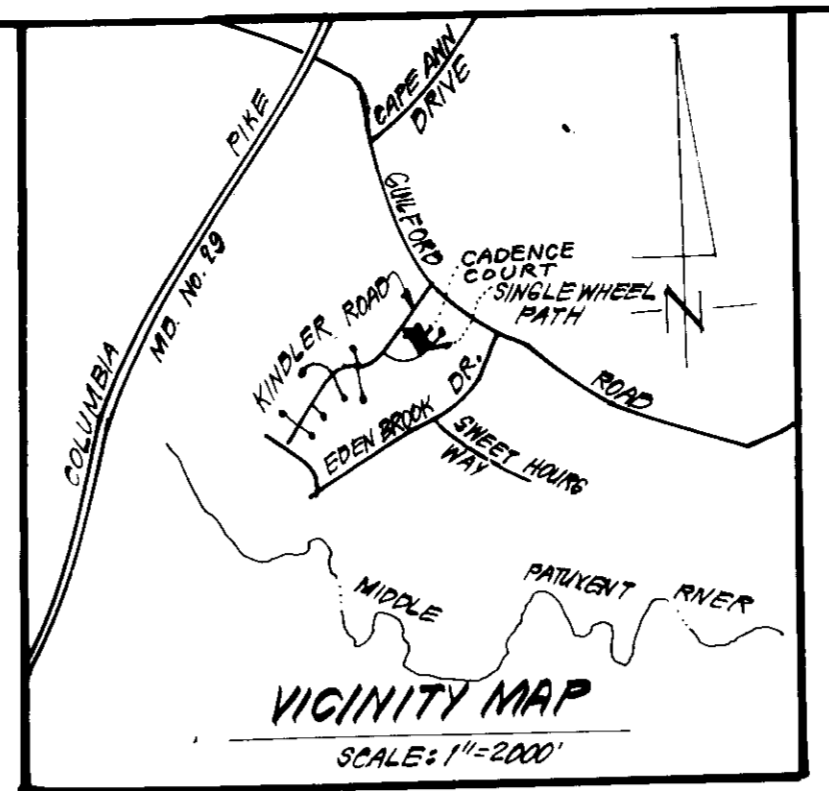


SEDIMENT & EROSION CONTROL PLAN

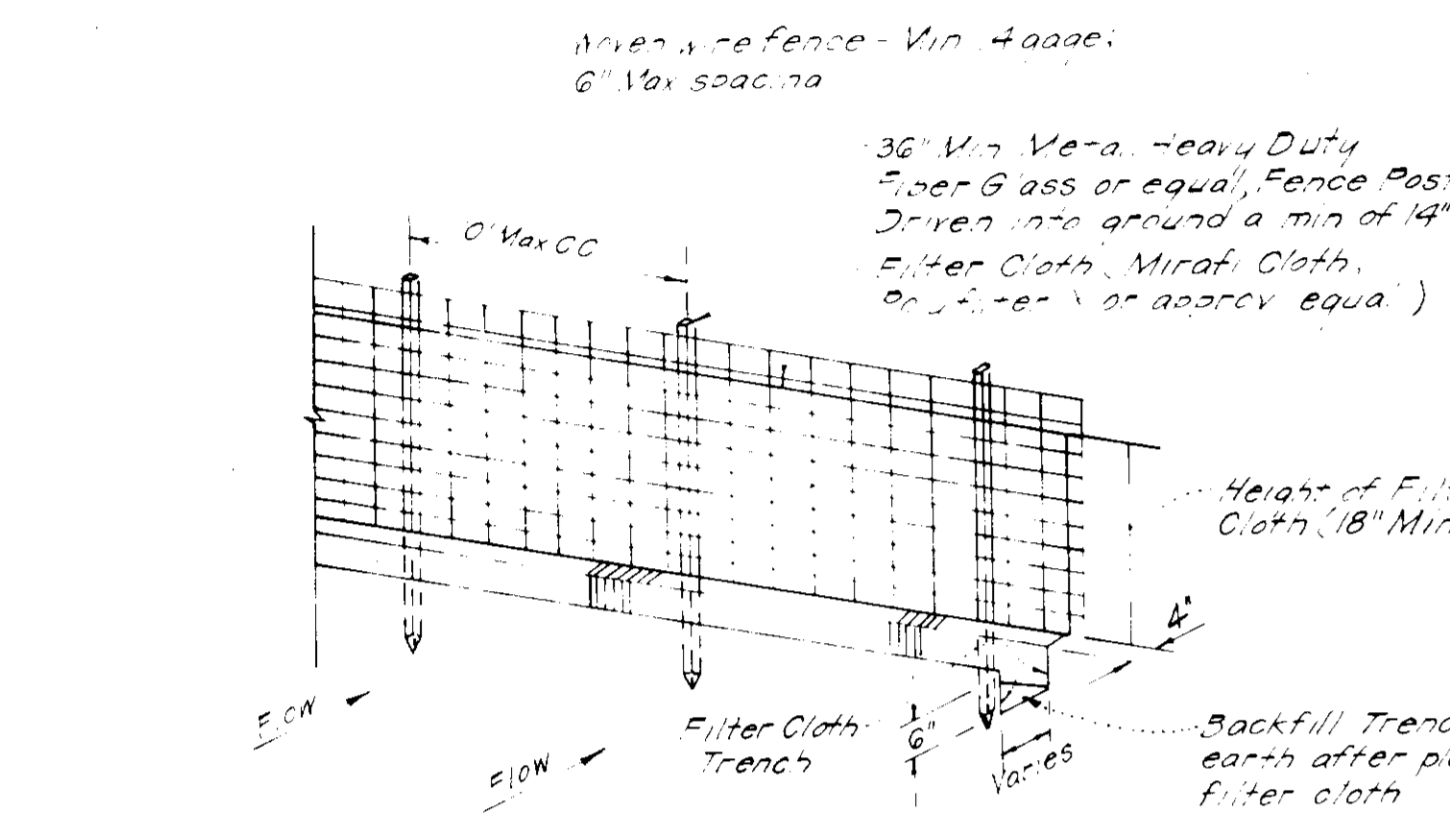
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rice applied at a rate of 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% acrimination applied at the rate of 3 ss/1000 sq ft. Mixture - 40% Kentucky Blue, 20% Chewina Fescue, 20% Kentucky 3 and 20% annual rice
 - Fertilizer - 10-0-10 applied at a rate of 23 lbs/1000 sq ft. Growth Agriculture - me or Jolomatic Lime applied at a rate of 30 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method e.g. sod stakes, chemical broom 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 a Sediment Control Measures include 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 developers responsibility to provide access to all Sediment & Erosion Control Devices to protect stabilized areas during construction
- The Contractor shall keep all public roads free of sediment deposits off 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 from this site
- All pipes to be blocked at the end of each day. See note #13 (N.A)
- Total Amount of Straw Bales or Silt Fence shown = 230 - F
- SITE ANALYSIS:

A Total Area	0.4575 Acres
B Area to be Reroofed	0.0615 Acres
C Area to be Paved	0.0270 Acres
D Area to be Seeded	0.2110 Acres
E Area Undisturbed	0.1580 Acres
- CONSTRUCTION SEQUENCE:
 - Install Sediment & Erosion Control Devices and Stabilize Disturbed Area
 - Excavate for Foundations and Rowan Grade
 - Erect Structures, Driveways and Sidewalks
 - Final Grade and Stabilize in accordance with note #6



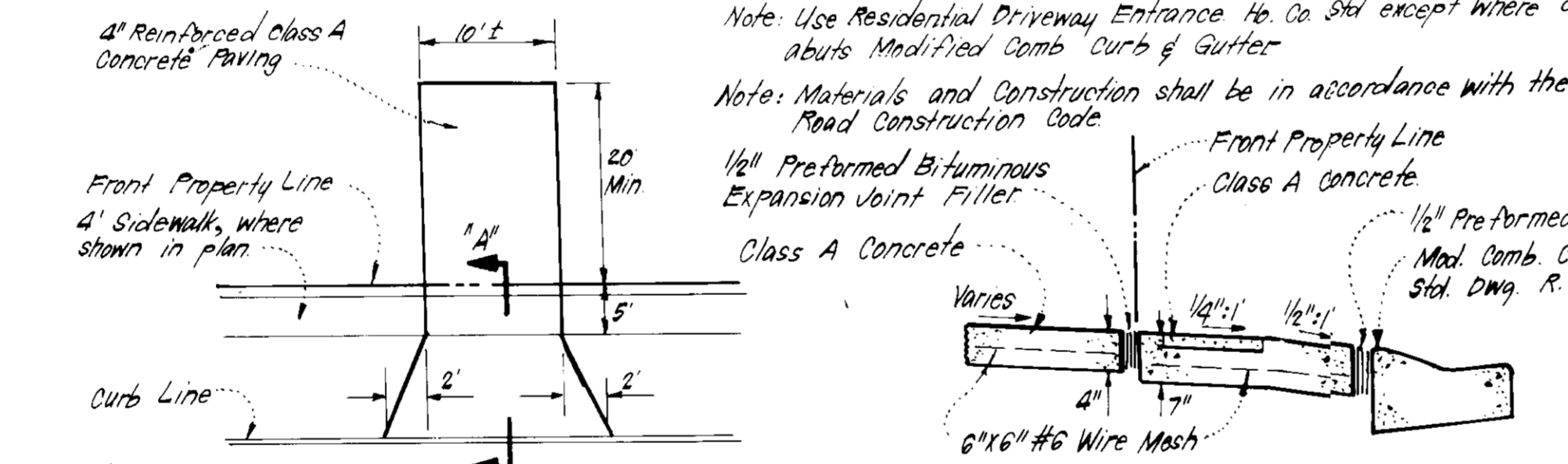
STRAW BALE DIKE DETAIL (SBD)
NO SCALE

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



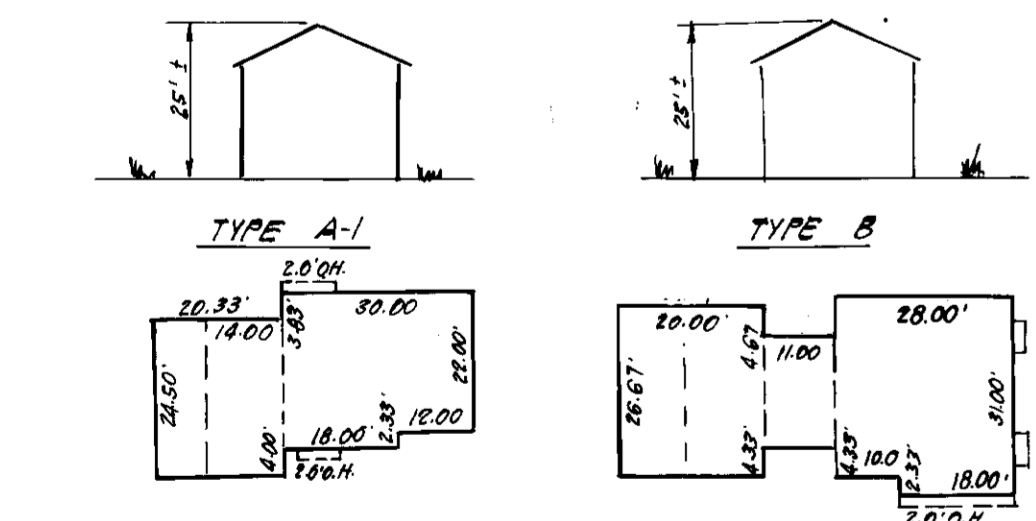
SILT FENCE DETAIL (SF)
NO SCALE

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



DRIVEWAY ABUTTING MODIFIED COMB CURB & GUTTER
NO SCALE

Note: Use Residential Driveway Entrance Ho. Co. Std. except where driveway abuts Modified Comb Curb & Gutter
Note: Materials and Construction shall be in accordance with the Ho. Co. Road Construction Code
1/2" Preformed Bituminous Expansion Joint Filler
Class A Concrete
1/2" Preformed Bit. Exp. Joint Filler
Mod. Comb. Curb & Gutter, Ho. Co. Std. Dwg. R. 3.01
6"x6" #6 Wire Mesh



TYPICAL HOUSES
NO SCALE

GENERAL NOTES:

- The Land included in this plan is zoned New Town (SFMD)
- The Lots shown on this plan are covered by Final Development Plan Phase 178, Part III
- All coordinates shown hereon are based on Howard County Geodetic Control Traverse, which is based upon the Maryland State Plane Coordinate System
- The area covered is located on Tax Map #42
- The Roadways are public & existing
- Any damage to county owned rights of way or paving shall be corrected at the developer's expense
- Total Number of Lots: 2

LEGEND:

- Existing Contour (2' Ft. Interval) - - - - -
- Proposed Contour - - - - -
- Spot Elevation - - - - -
- Direction of Drainage - - - - -
- Walk Out - Basements - - - - -
- Straw Bale Dike or Silt Fence - - - - -
- Stone Construction Entrance - - - - -

APPROVED
DIVISION OF LAND DEVELOPMENT
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 4-6-83
J.F.D.

Donald J. Sackett

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE: 4-18-83

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE: 4-21-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: 4-14-83

CHIEF BUREAU OF ENGINEERING
DATE: 4-18-83

Reviewed for: Howard Co. E.C.D.
Name: *Thomas M. Nelson*
Signature: *Thomas M. Nelson*
Date: 4-15-83
U.S. Soil Conservation Service

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

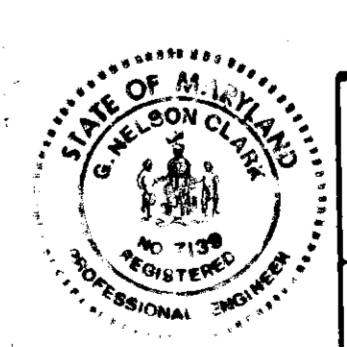
Donna R. ...
Date: 4-15-83

DEVELOPER'S/BUILDER'S CERTIFICATE
I hereby certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all persons personally involved in the construction project will have a certificate of attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sedimentation before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as deemed necessary.

Anthony J. ...
Signature of Developer/Builder
Date: 3/1/83

ENGINEERS' 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
G. Nelson Clark
Date: 3-8-83



4926 (LOT 66) PLAT REF: 4927 (LOT 65)	
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400	
DESIGNED DBS	SCALE As Shown
DRAWN K/W K/W	DRAWING 10/F 1
CHECKED DBS	JOB NO. 83-015
DATE 2-22-83	FILE NO. 83-015-X
SITE DEVELOPMENT PLAN & SEDIMENT & EROSION CONTROL PLAN LOTS 65 & 66 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 2 AREA 3 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: CASTRO-HOLDSWORTH ASSOCIATES, INC. 11868-D SUNRISE VALLEY DR. RESTON, VIRGINIA 22091	