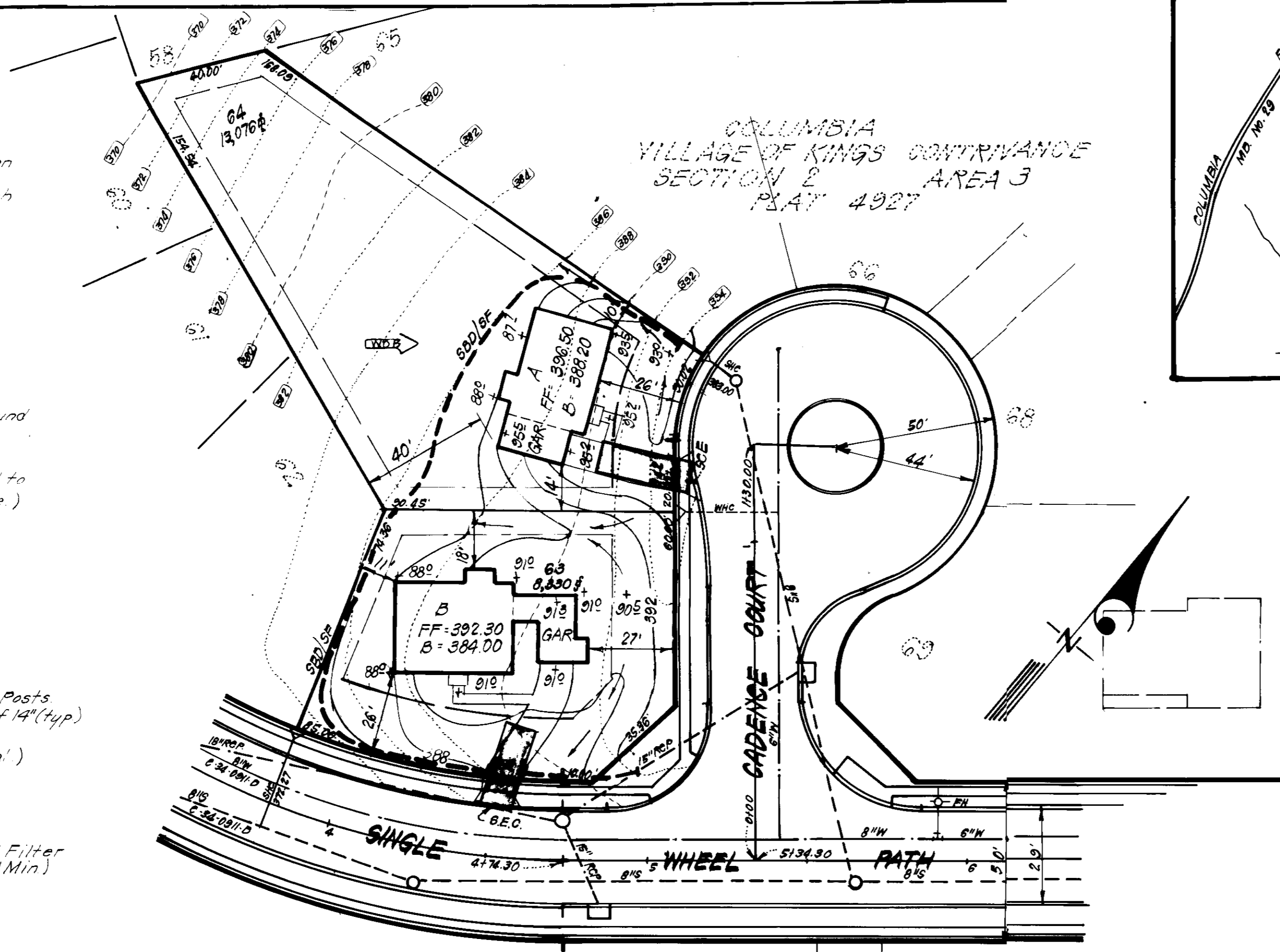
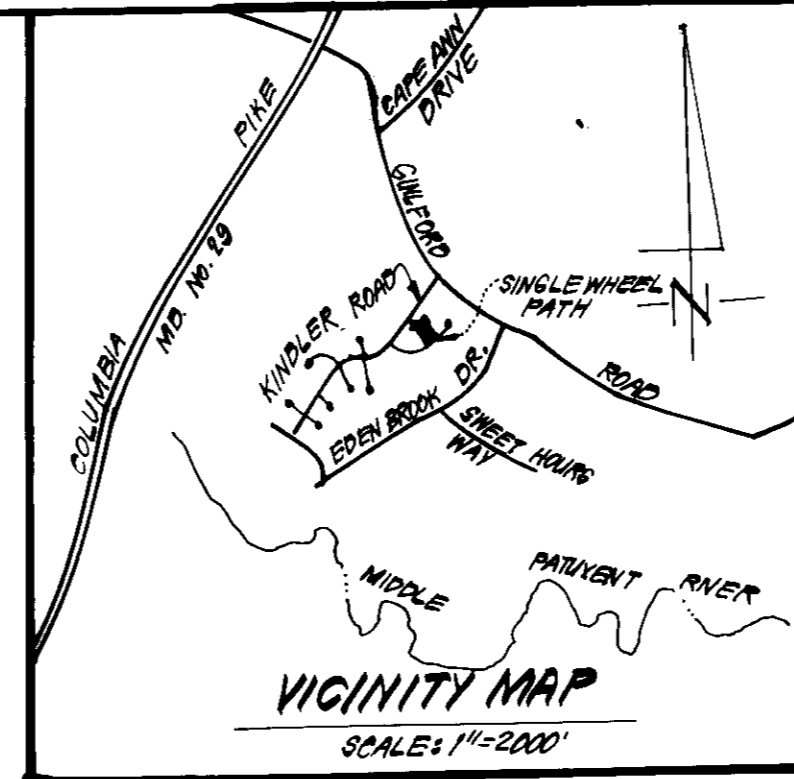
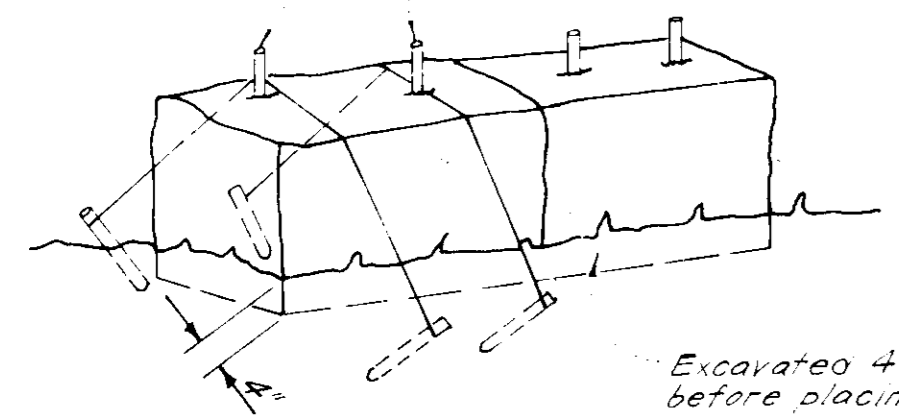


**SEDIMENT & EROSION CONTROL PLAN**

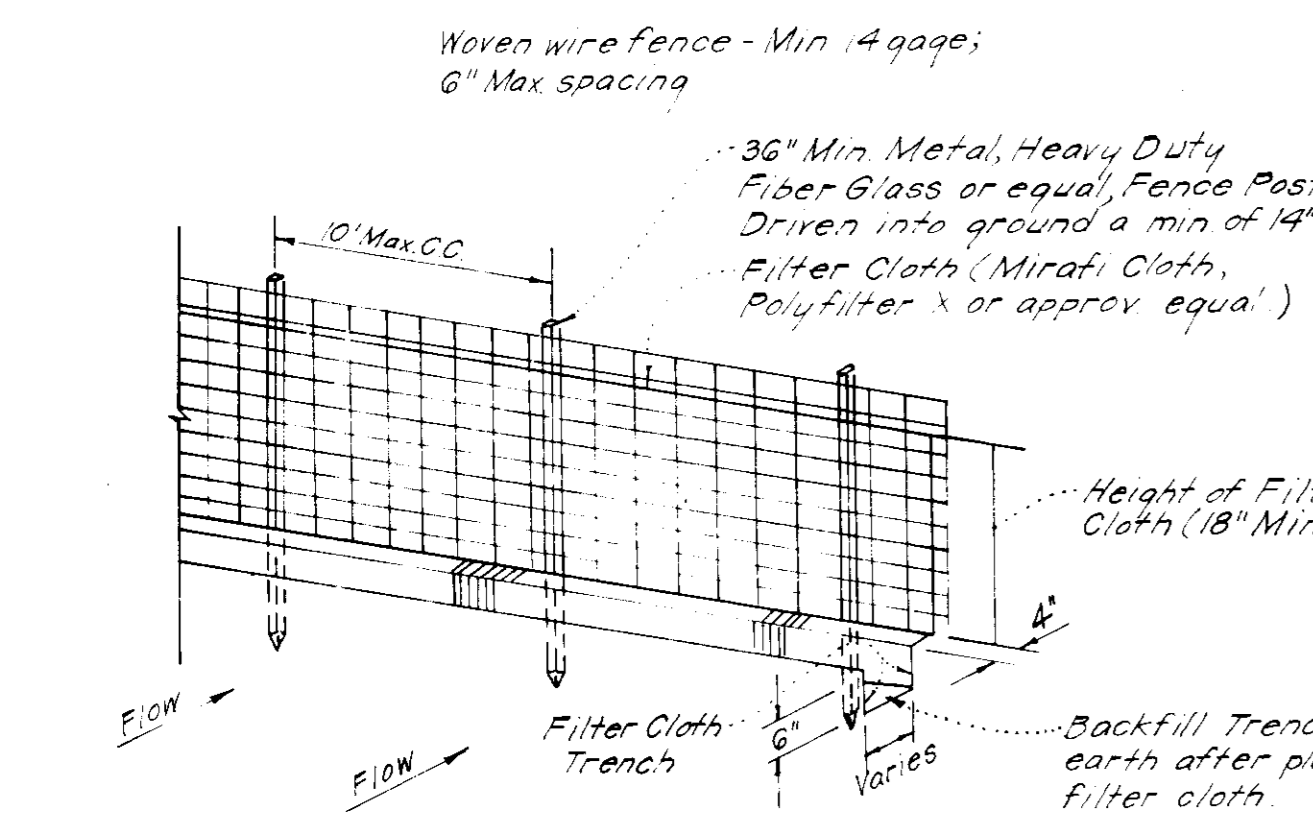
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual ryegrass 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 3 lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual ryegrass
  - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf
  - Ground Agricultural Lime or Dolomitic Lime applied at a rate of 30 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 Sed 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 = 320 L.F.
- SITE ANALYSIS:
  - Total Area: 0.494 Acres
  - Area to be Roofed: 0.0566 Acres
  - Area to be Paved: 0.0220 Acres
  - Area to be Seeded: 0.2314 Acres
  - Area Undisturbed: 0.1814 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



All bales shall be tied with non-weathering materials, i.e. wire or rebar. Two rebar or wooden stakes driven through each bale 1/2" into ground. Rebars to be driven flush with top of bales.

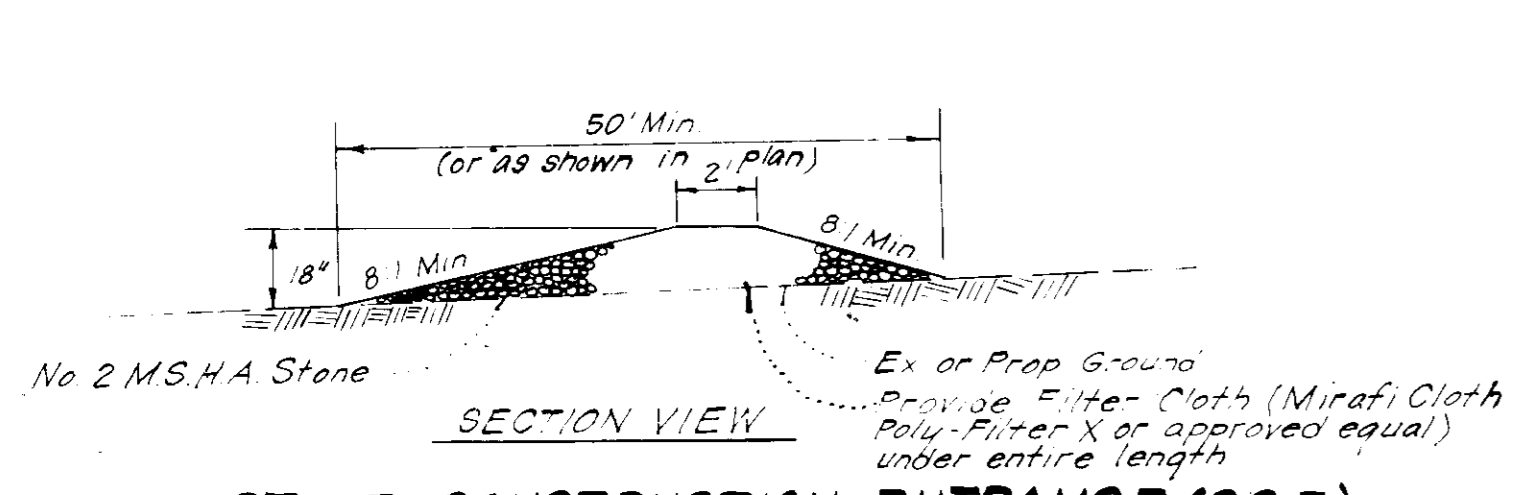


**STRAW BALE DIKE DETAIL (S.B.D.)**  
NO SCALE

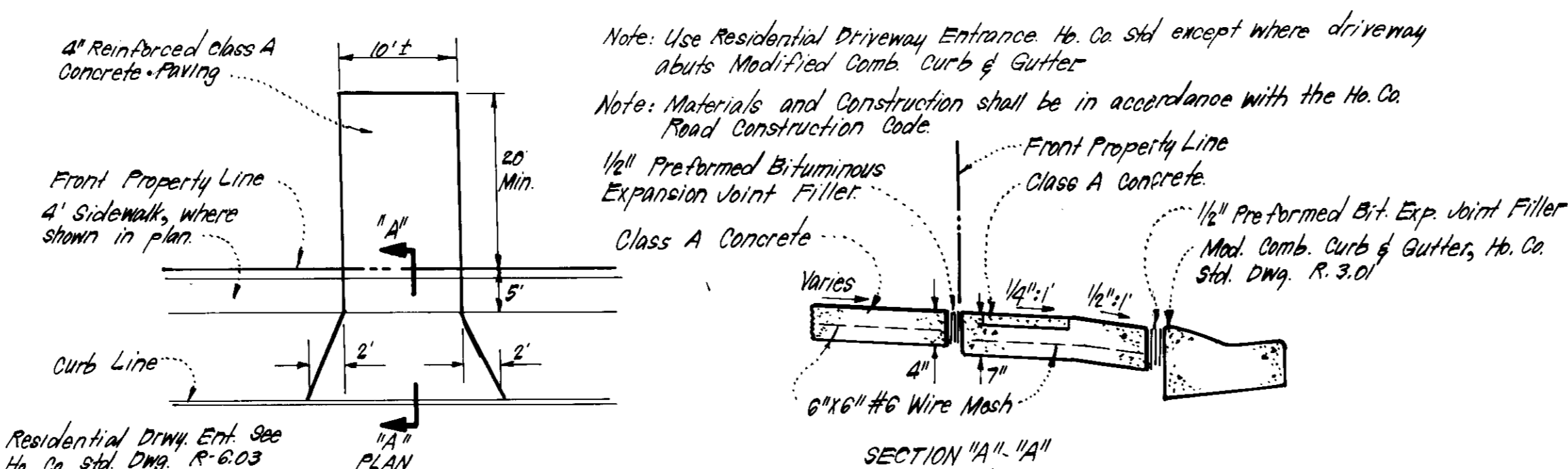


Notes:  
1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.  
2. Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24".

**SILT FENCE DETAIL (S.F.)**  
NO SCALE



**STONE CONSTRUCTION ENTRANCE (S.C.E.)**  
NO SCALE



**DRIVEWAY ABUTTING MODIFIED COMB CURB & GUTTER**  
NO SCALE

**GENERAL NOTES:**

- The Land included in this plan is zoned New Town (S.F.M.D)
- The Lots shown on this plan are covered by Final Development Plan Phase 17B, Part III.
- All coordinates shown hereon are based on Howard County Geologic 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.

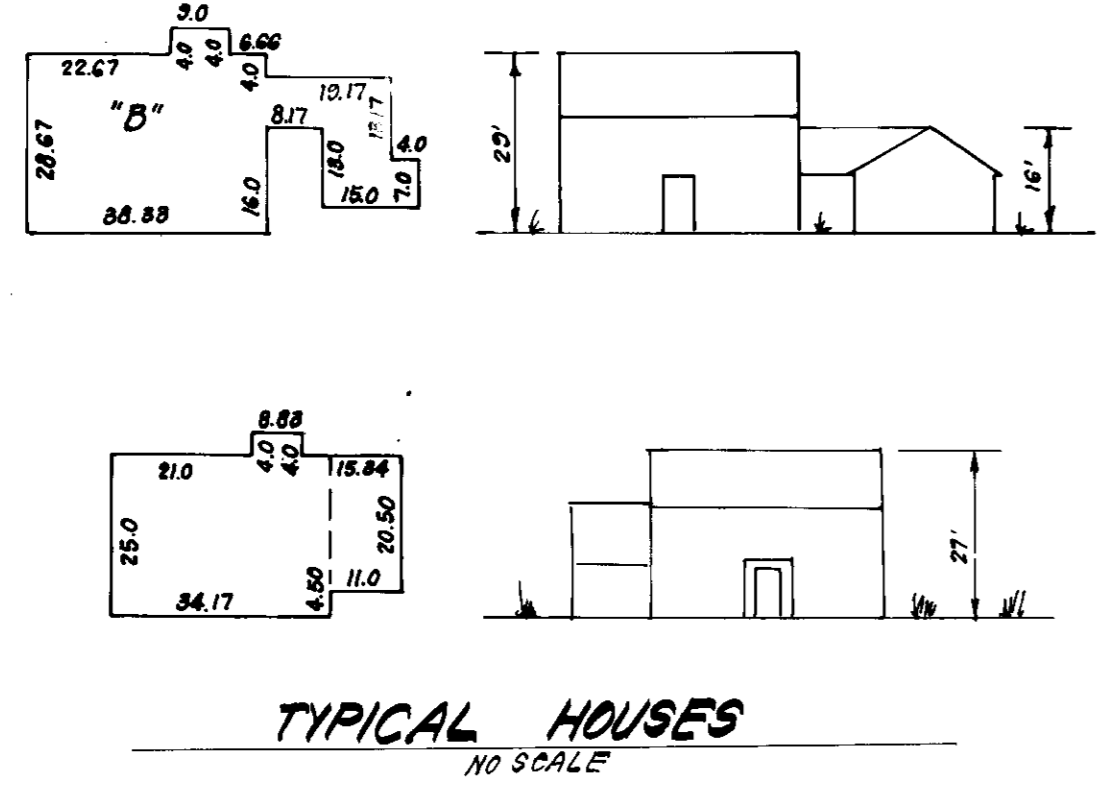
**LEGEND:**

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

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 2-18-83

*Donald B. Sackett*

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
HOWARD COUNTY HEALTH DEPARTMENT  
*James E. ...* 3-8-83  
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*James E. ...* 3-9-83  
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  
*James E. ...* 3-4-83  
CHIEF BUREAU OF ENGINEERING  
*James E. ...* 3-4-83



**TYPICAL HOUSES**  
NO SCALE

Reviewed for ...  
Signature: *James E. ...* 3-1-83  
U.S. Soil Conservation Service  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*James E. ...* 3-1-83  
Approved

Development and construction will be done in accordance with this plan of development and plan for erosion and sediment control. I 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.  
*Harry L. Lundy* 1/20/83  
Signature of Developer/Builder  
Harry L. Lundy

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.  
*James E. ...* 1-28-83  
Signature  
James E. ...

PLAT REF: 4927

**CLARK • FINEFROCK & SACKETT**  
ENGINEERS • PLANNERS • SURVEYORS  
11315 LOCKWOOD DRIVE, GREENBELT, MARYLAND 20814

DESIGNED JME	<b>SITE DEVELOPMENT PLAN &amp; SEDIMENT &amp; EROSION CONTROL PLAN</b> LOTS 63 & 64 <b>COLUMBIA</b> VILLAGE OF KINGS CONTRIVANCE SECTION 2 AREA 3 SINGLETON DISTRICT HOWARD COUNTY, MARYLAND FOR: LUNDY & CLARK BUILDERS, INC. 11065 Little Patuxent Pkwy Columbia, Maryland 21044	SCALE As Shown
DRAWN JME		DRAWING 10F1
CHECKED JME		JOB NO. 83-011
DATE 1-28-83		SHEET 85-011-X