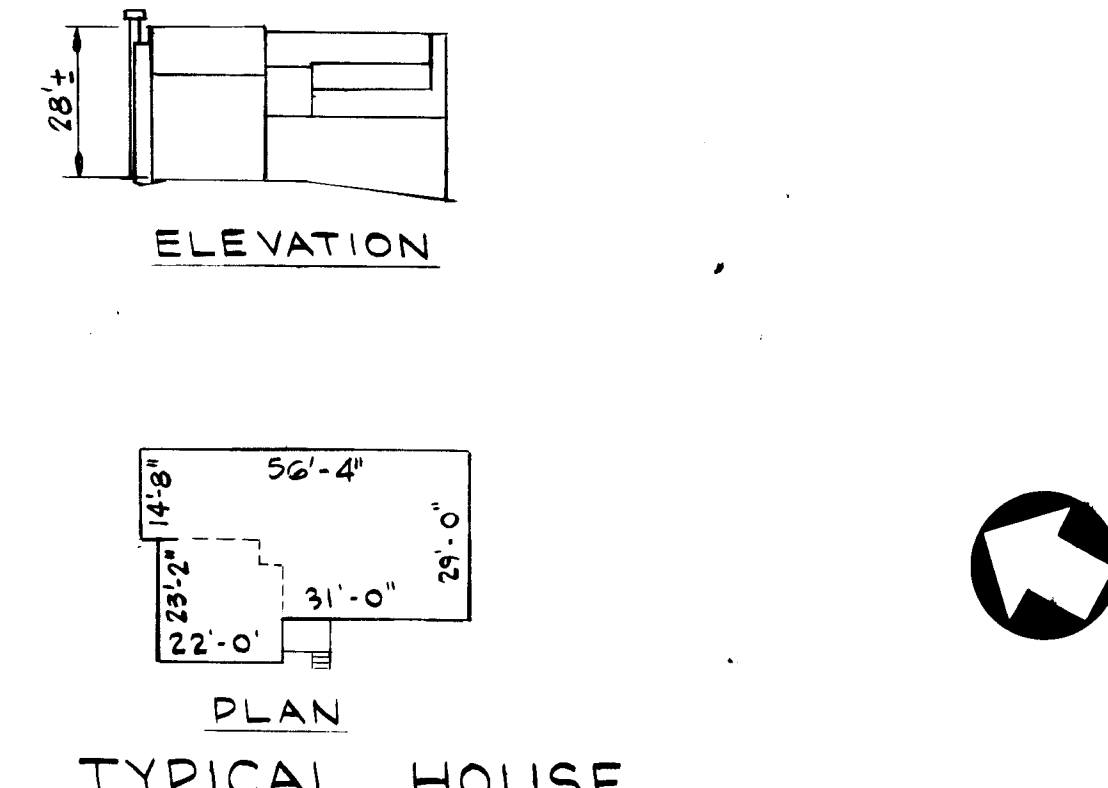
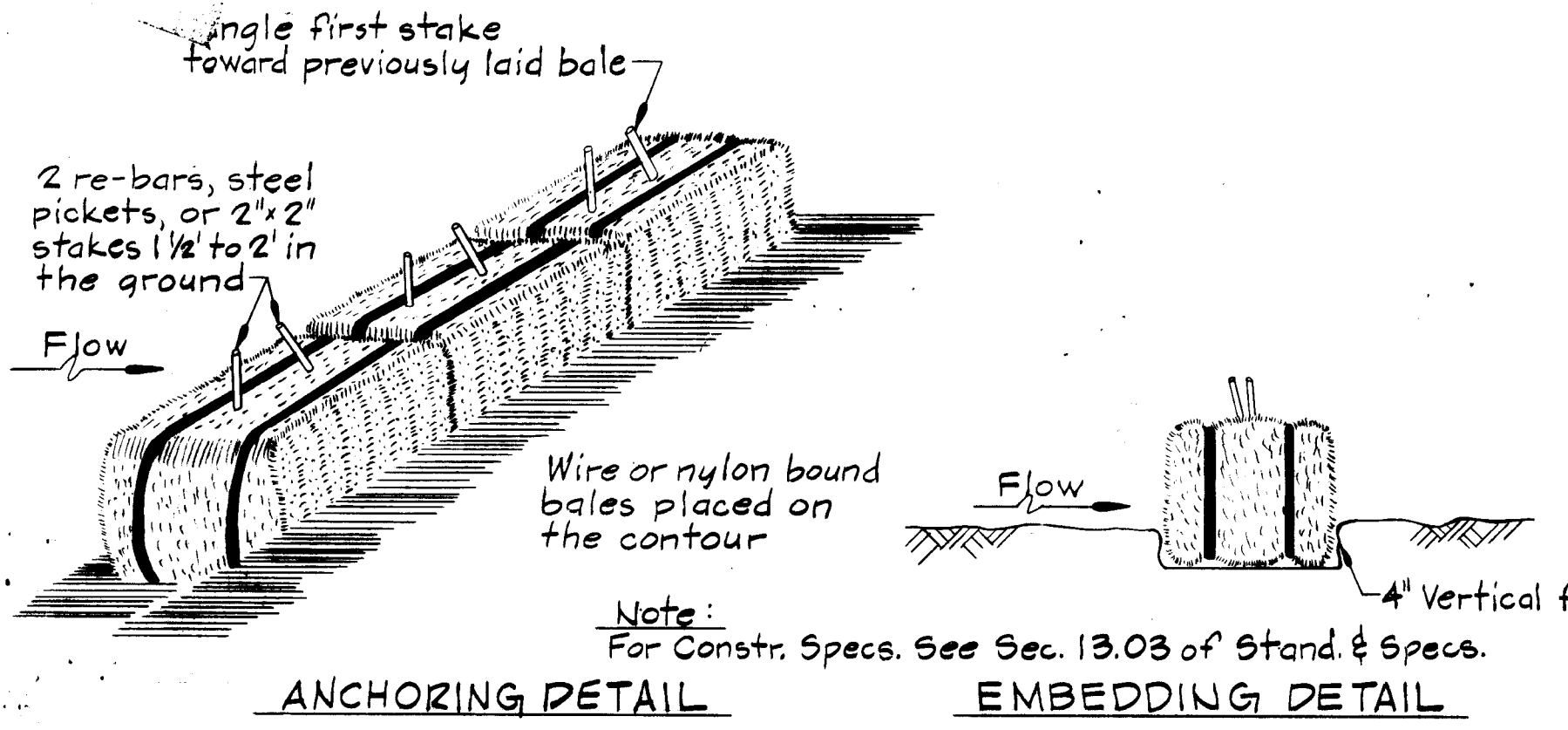
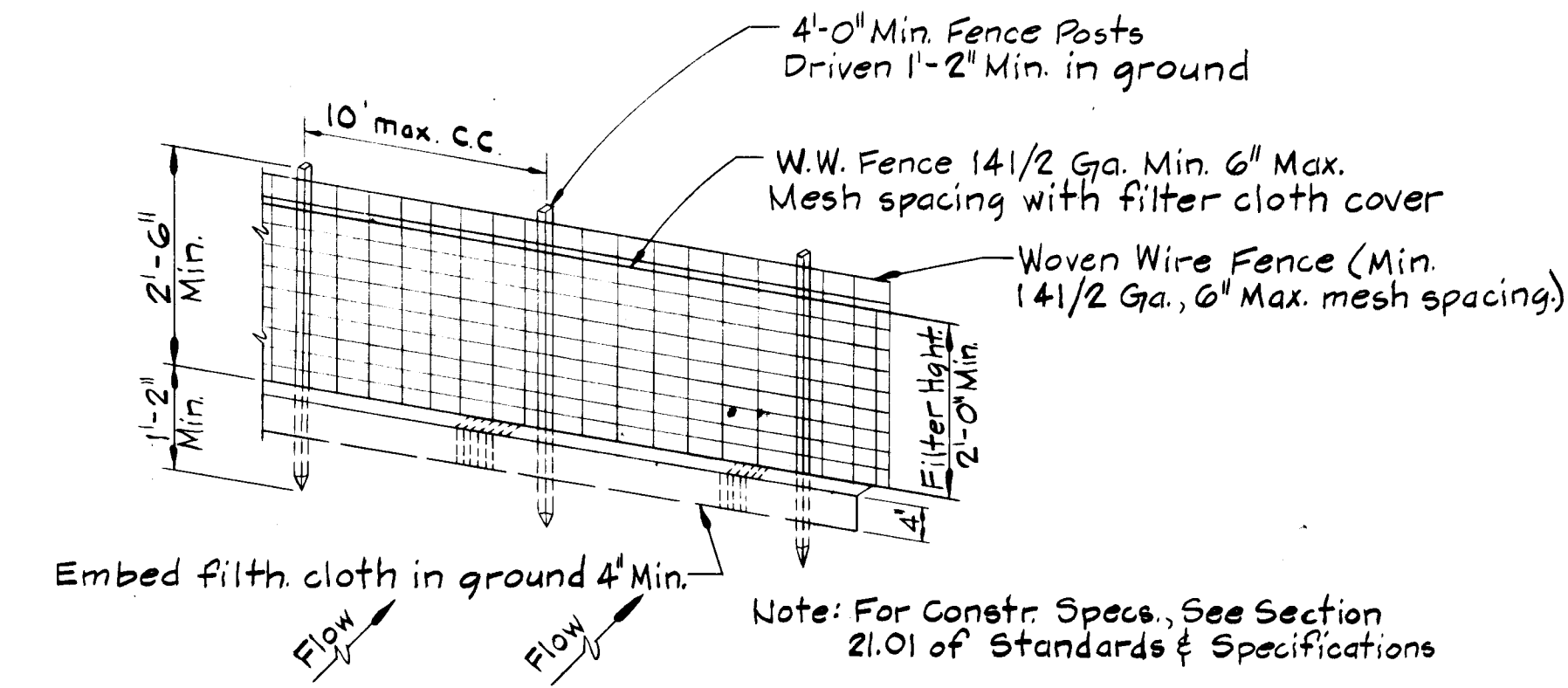


**SEDIMENT CONTROL NOTES**

- 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 existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 3.2 lbs./1000 s.f.
- Notify the Bureau of Inspections and Permits at least 24 hours 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 as noted: Mixture - Merion Kentucky Bluegrass 0.92 lbs./1000sf; Ken blue 0.92 lbs./1000sf & Red fescue 0.46 lbs./1000sf
  - Fertilizer - 10-10-10 applied at a rate of 23 lbs./1000 s.f. 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 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 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 from this site.
- Total amount of Straw Bales or Silt Fence shown: L.F.
- SITE ANALYSIS:
  - Area of Parcel: 15,036 s.f., 0.345 Acres
  - Present Zoning: New Town 4814 (FDP-109-A-I, Part II, S.F.L.D.)
  - Building Floor Space: 2087 S.F.
  - Total Number of Lots: One (1)
- 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.

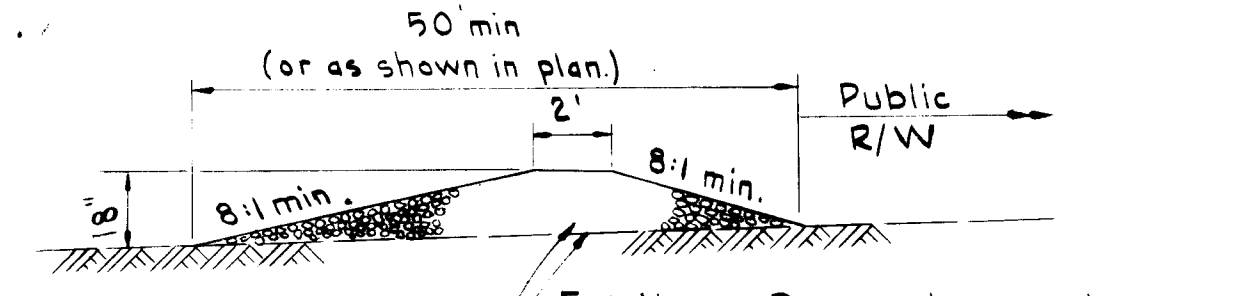


**STRAW BALE DIKE DETAIL (S.B.D.)**  
NO SCALE

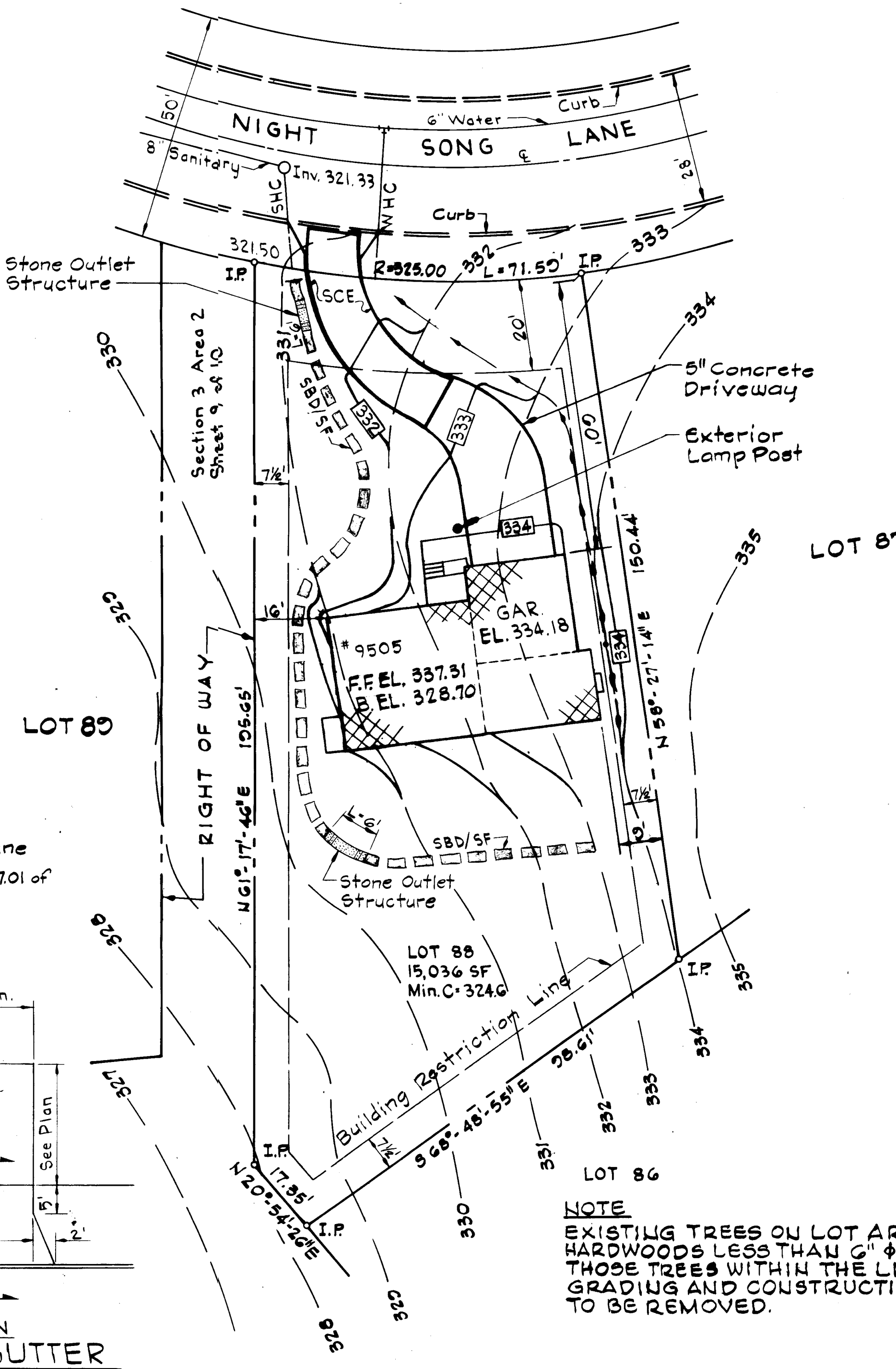
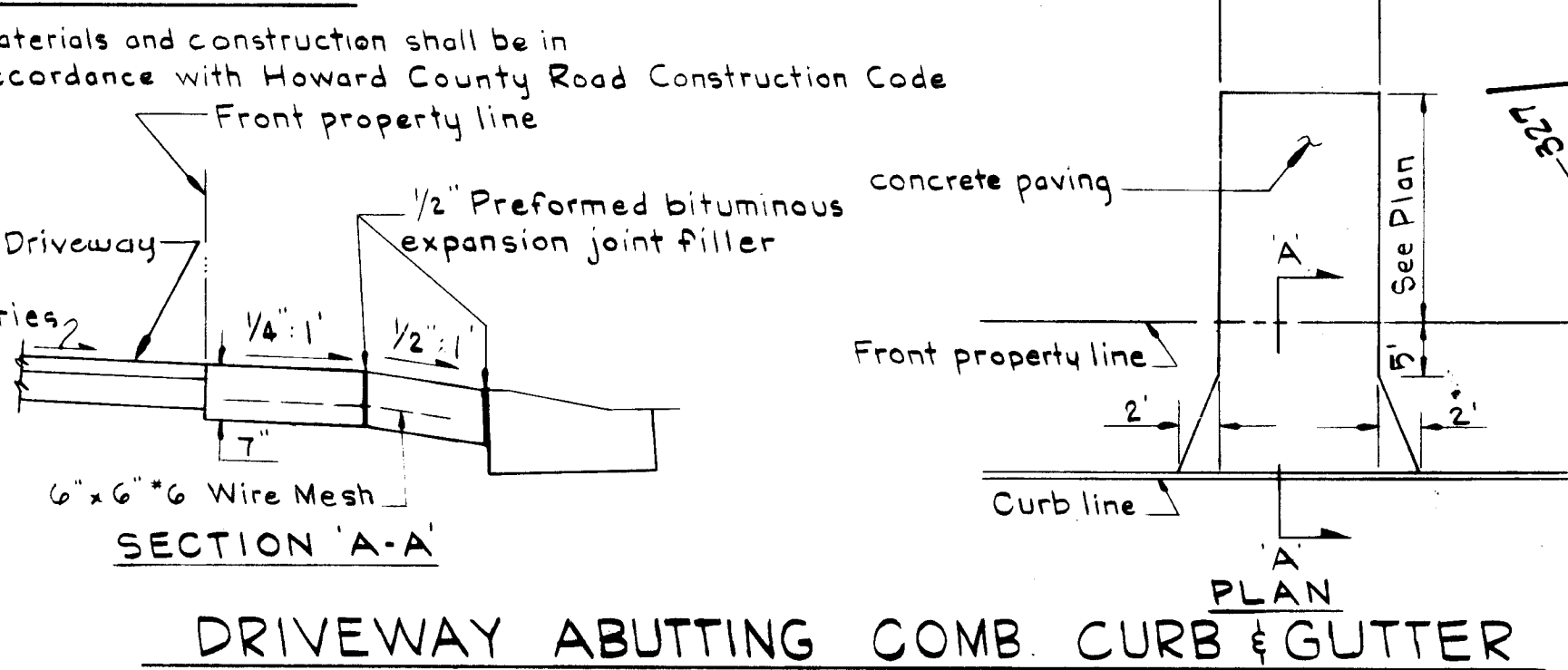
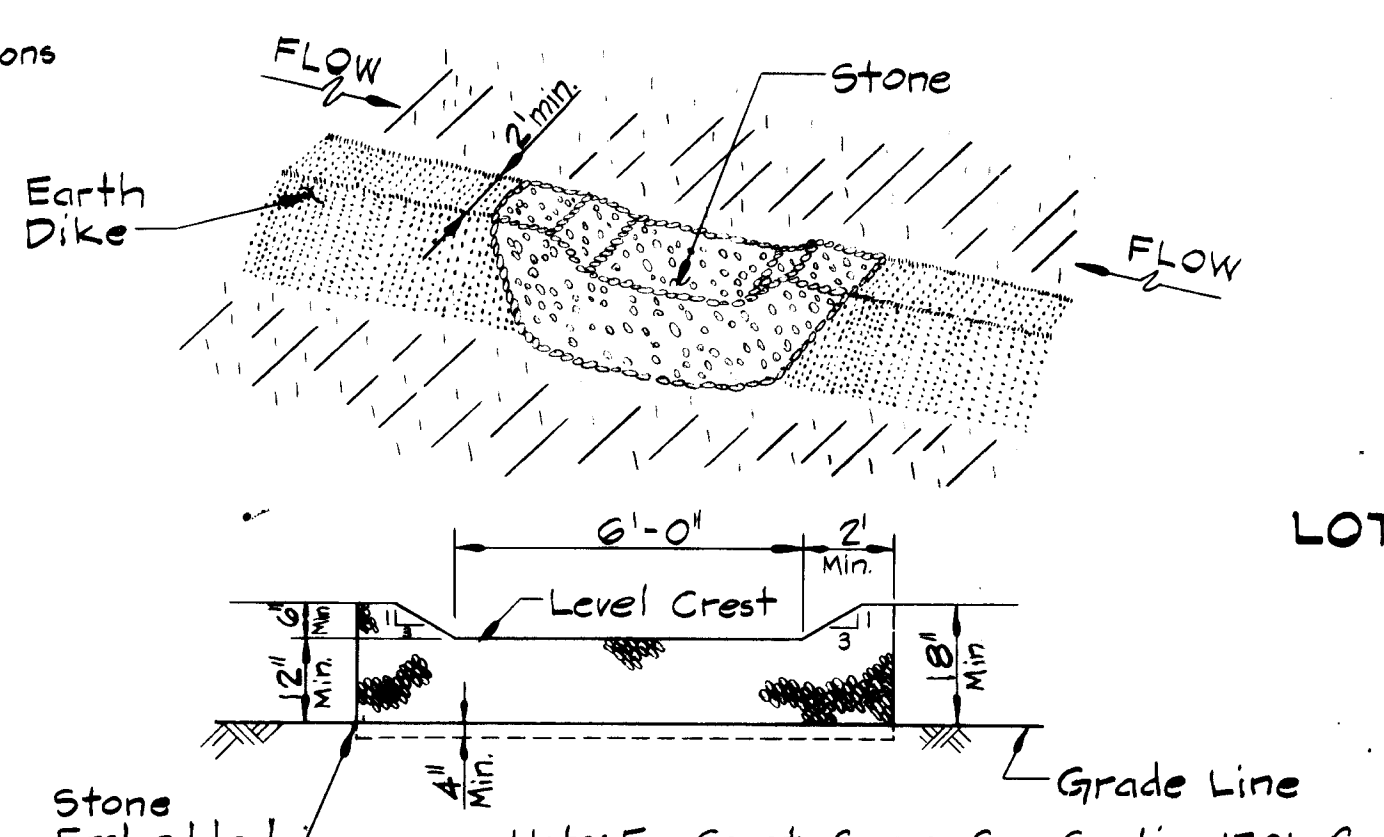


- Construction Notes**
- Woven wire fence to be fastened securely to fence posts with wire ties or staples.
  - Filter cloth to be fastened securely to woven wire fence with wire ties spaced every 24" top and mid section.

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



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

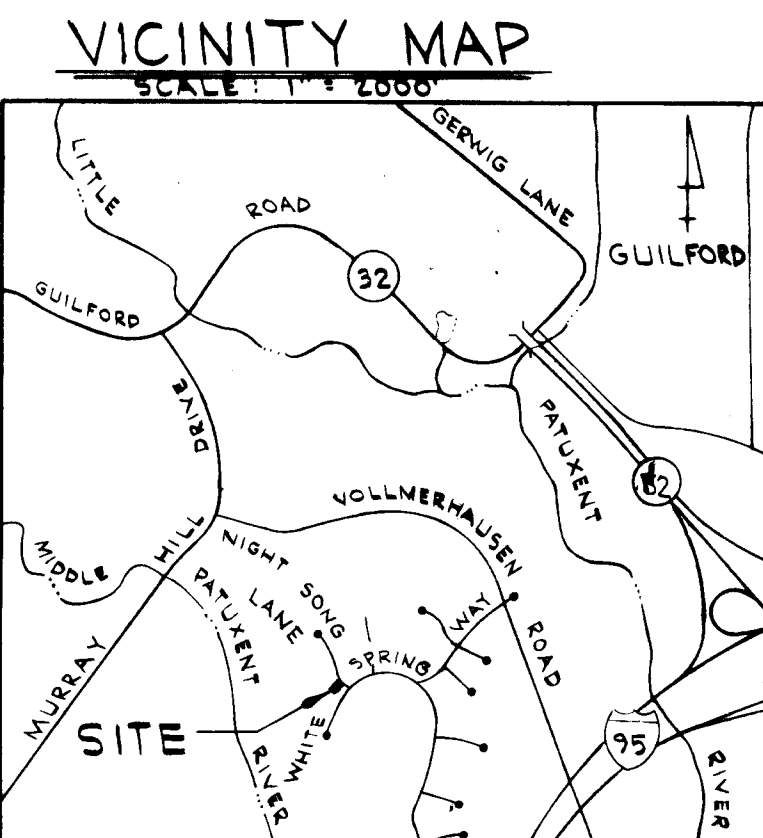


**LEGEND**

Contour Interval: 1 Foot  
Existing Contour:   
Proposed Contour:   
Spot Elevation:   
Direction of Drainage:

**Owner:**  
David G. Esmond & Nancy D. Esmond, Wife  
5651 Chelwynd Road  
Baltimore, Maryland 21227

**Engineer:**  
James O. Montgomery  
9 West 29th Street  
Baltimore, Maryland 21218



**APPROVED**  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 3-12-84  
*MB/UM*

ADDRESS CHART	
LOT No.	STREET ADDRESS
88	9505 NIGHT SONG LANE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*Donald J. Hamer* 4-11-84  
PLANNING DIRECTOR DATE  
*John W. Williams* 4-11-84  
CHIEF, DIVISION OF LAND DEVELOPMENT & ZONING ADMIN. DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
HOWARD COUNTY HEALTH DEPARTMENT  
*John B. Bricker* 4-9-84  
COUNTY HEALTH OFFICER S.S. DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS.  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*John F. Nemy* 4-9-84  
DIRECTOR DATE  
*William D. Ryan* 4-4-84  
CHIEF, BUREAU OF ENGINEERING DATE

**CERTIFICATION BY DEVELOPER**  
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION & SEDIMENT CONTROL THAT ALL RESPONSIBLE PERSONNEL INVOLVED WITH THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT. OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT & EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC INSPECTION ONSITE BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY.

*David G. Esmond* 2/10/84  
SIGNATURE DATE

**CERTIFICATION BY ENGINEER**  
I CERTIFY THAT THIS PLAN OF DEVELOPMENT & PLAN FOR EROSION & SEDIMENT CONTROL REPRESENTS A PRACTICAL WORKABLE PLAN BASED ON MY KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

*James O. Montgomery* 2-10-84  
PROFESSIONAL ENGINEER P.E. #9234 DATE

REVIEWED: FOR HOWARD SOIL CONSERVATION DISTRICT & MEETS TECHNICAL REQUIREMENTS  
*John W. Williams* 3-30-84  
US SOIL CONSERVATION SERVICE DATE

APPROVED: FOR SOIL EROSION & SEDIMENT CONTROL  
HOWARD COUNTY SOIL CONSERVATION DISTRICT  
*Robert Z. Ziem* 3-30-84  
SIGNATURE DATE

SUBDIVISION NAME		SECT / AREA	LOT / PARCEL #		
COLUMBIA VILLAGE OF KINGS CONTRIVANCE		3 / 2	88		
PLAT OR L/F	BLOCK	ZONE	TAX / ZONE MAP	ELECT DIST	CENSUS TRACT
4814	21	NT SLP	42	G	6062
WATER CODE		SEWER CODE			
E-15		G240000			
SITE DEVELOPMENT PLAN					
LOT 88 COLUMBIA VILLAGE OF KINGS CONTRIVANCE					
SECT 3 AREA 2 SHEET 1 OF 1					
6TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND					
SCALE: 1" = 20'		FILE No.		DATE: 2/8/84 DRAWING 1 of 1	