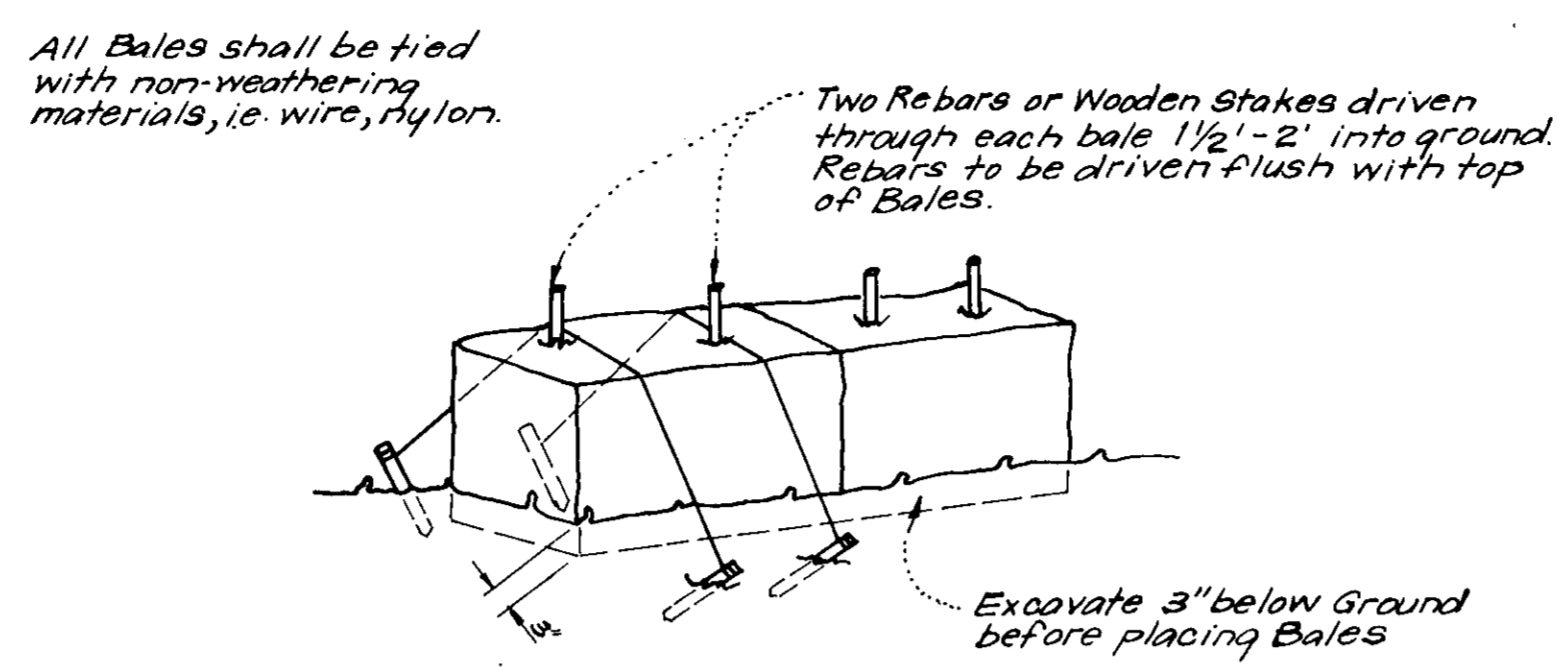
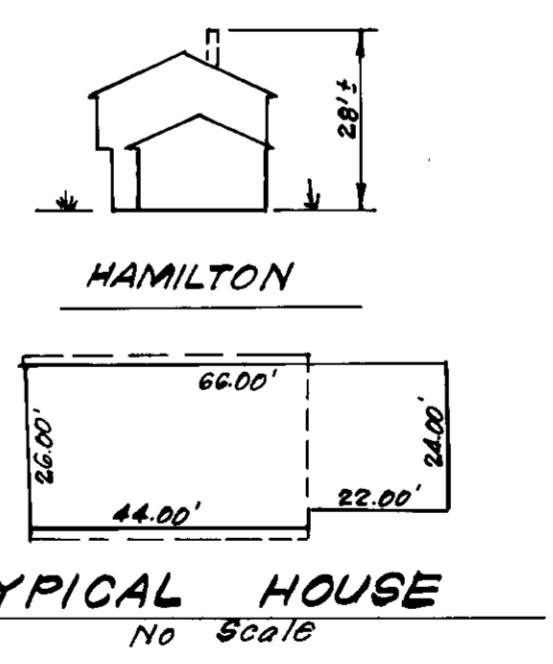
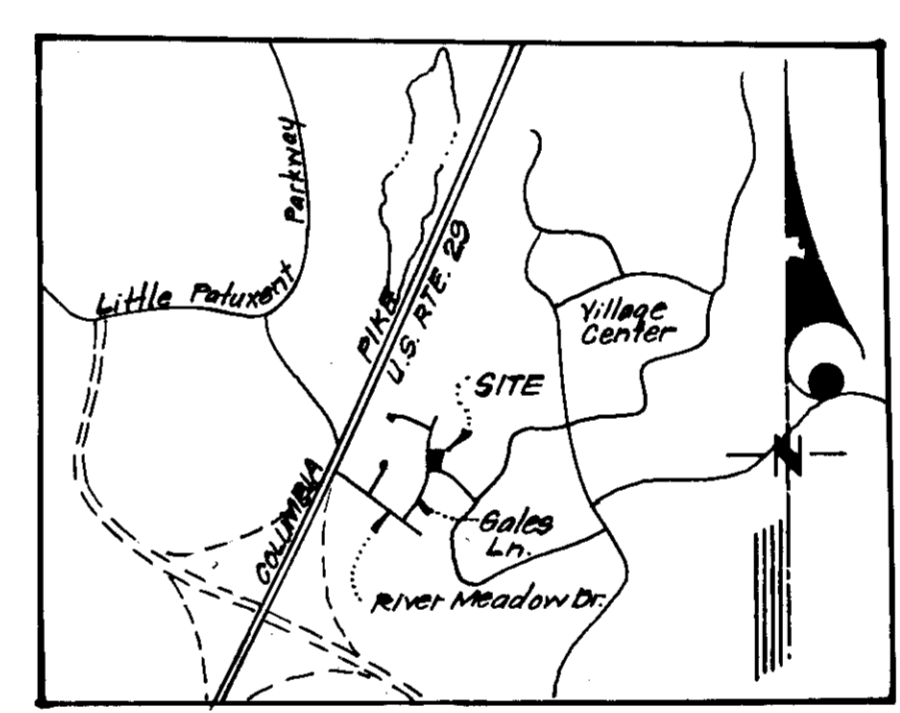
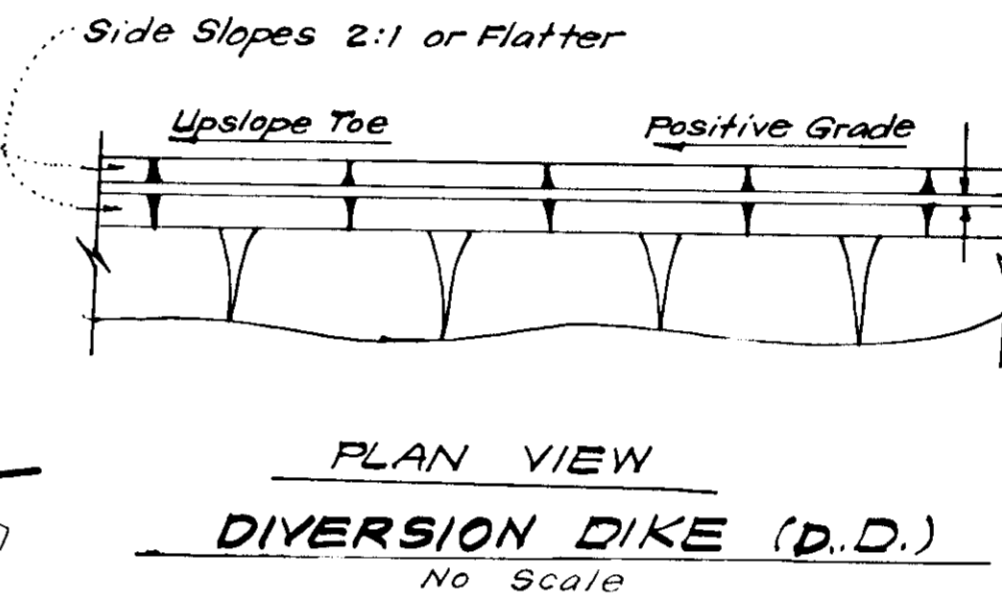
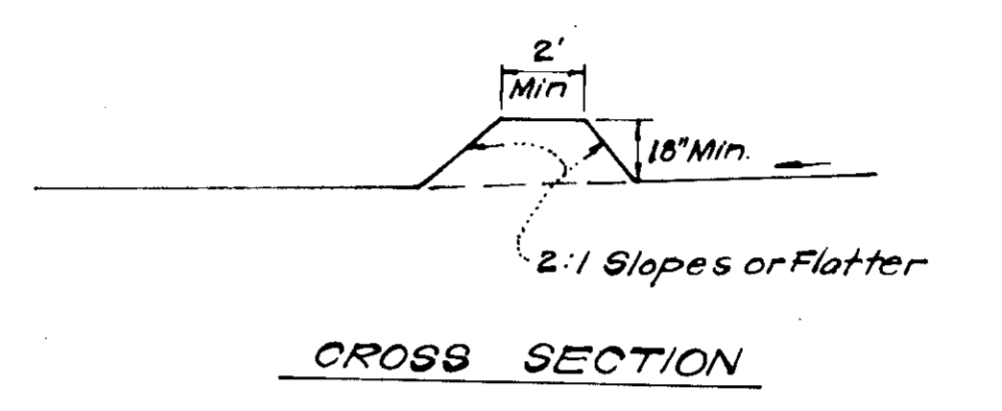
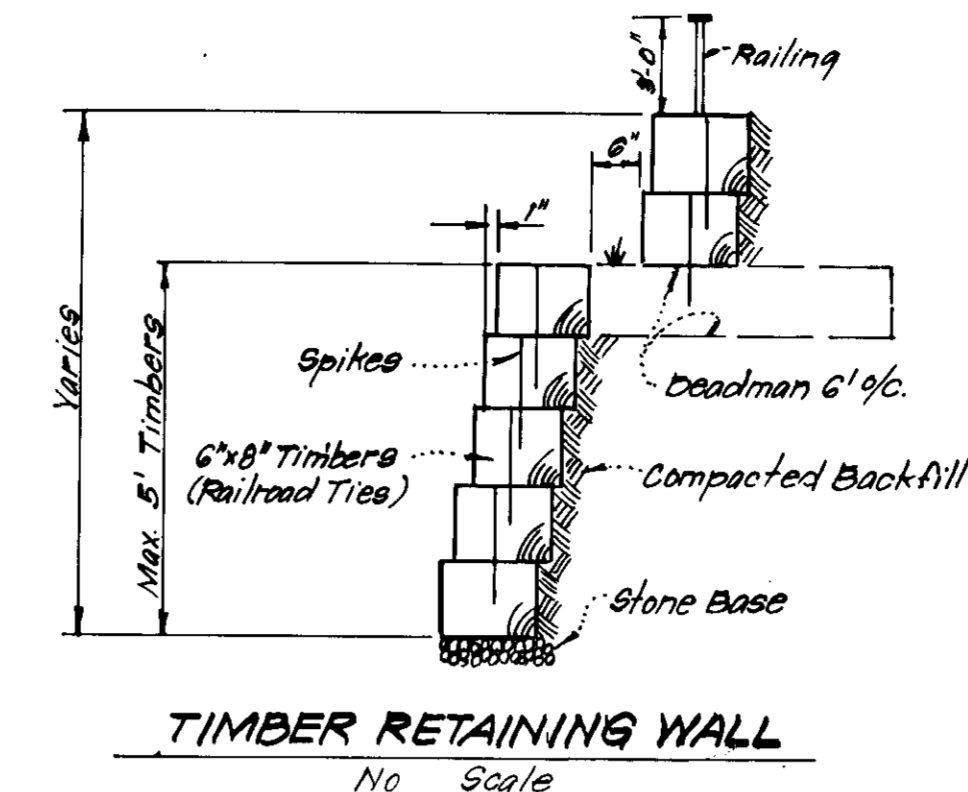


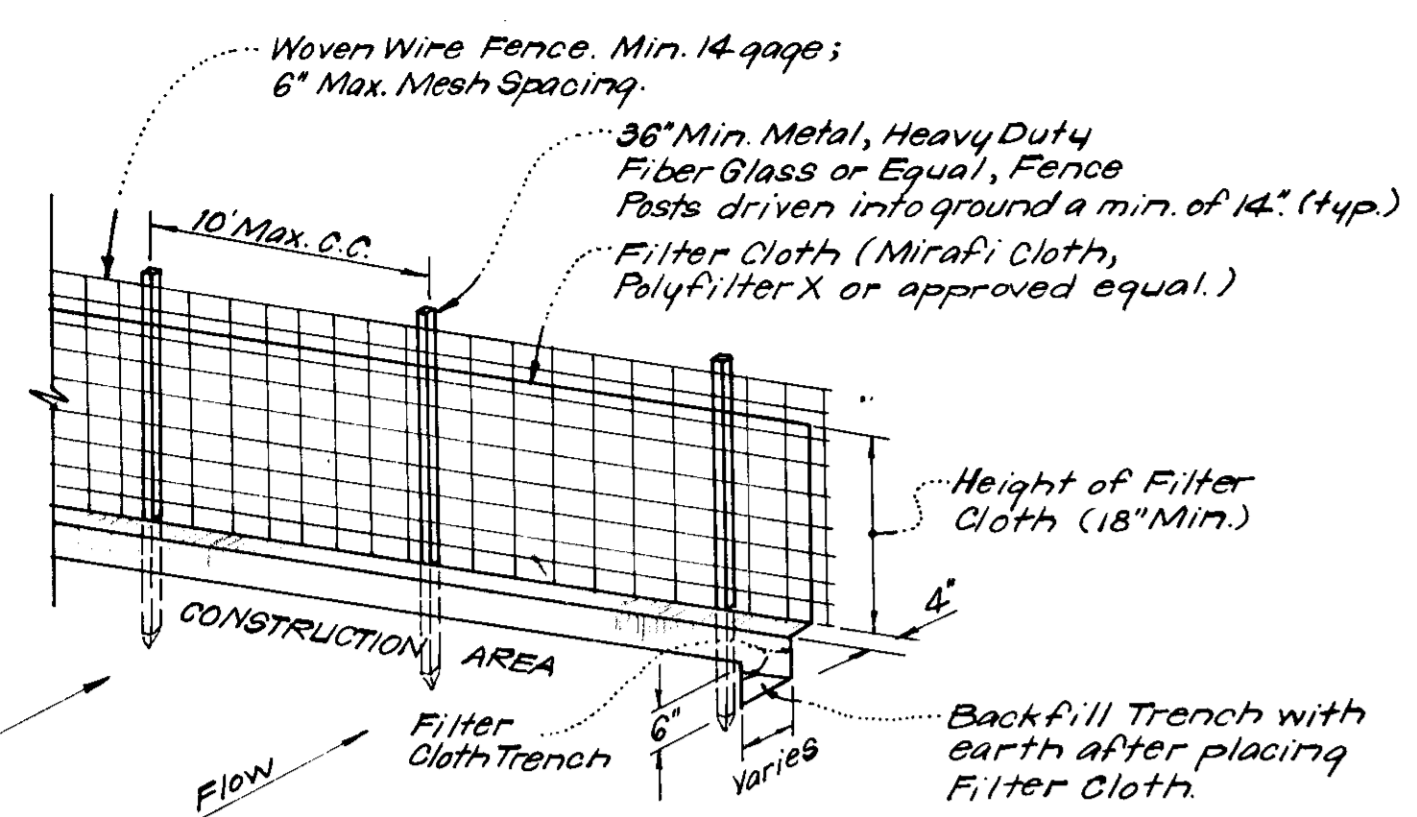
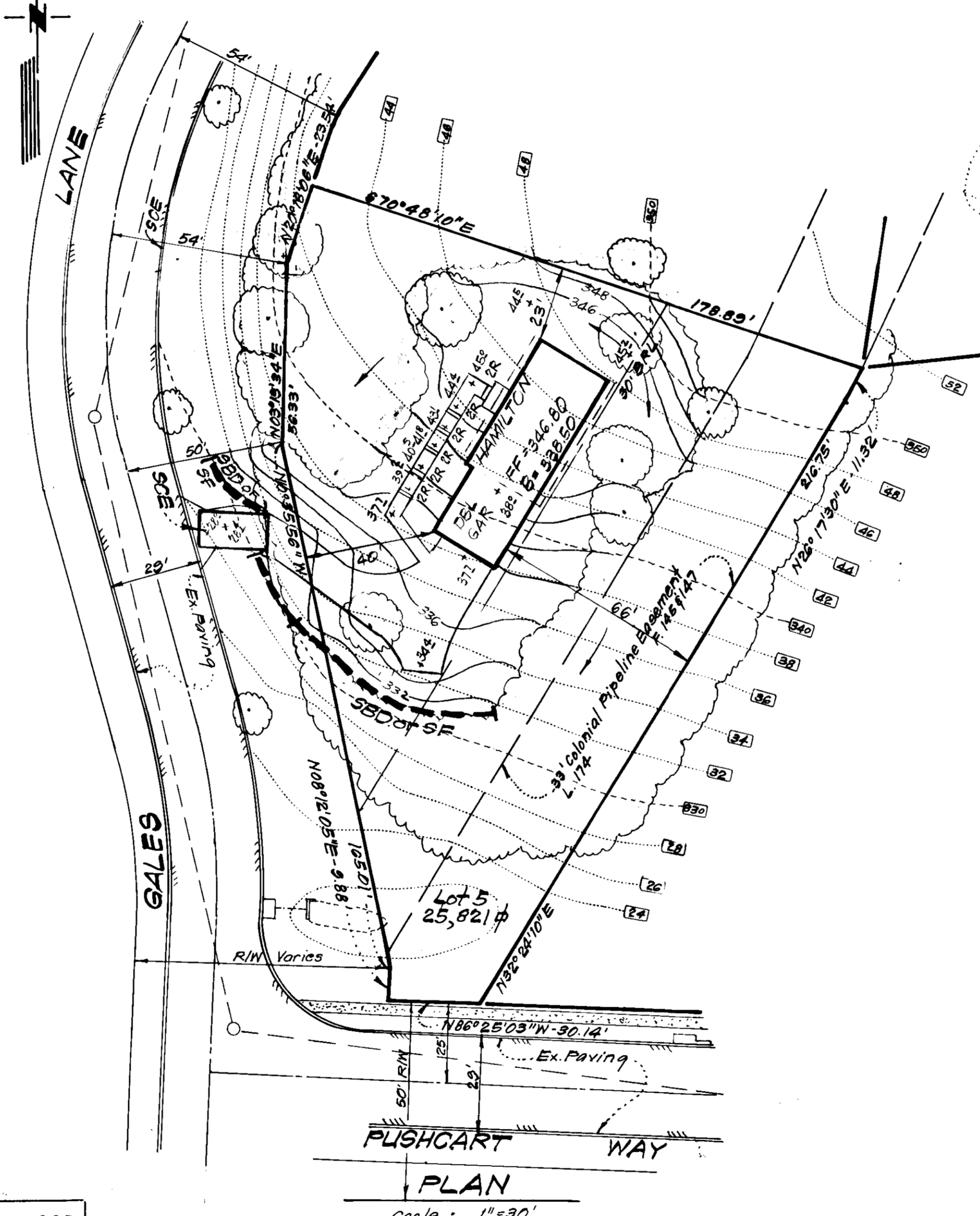
**GENERAL NOTES**

- 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 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 sq. ft.
- 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 Grading shall be treated in accordance with the following Specifications:
  - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sq. ft. mixture - 40% Kentucky Blue, 20% Chewing Rescue, 20% Kentucky 31, and 20% annual ryegrass.
  - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground Agricultural Lime or Dolomitic Lime applied at the rate of 46 lbs/1000 sq. ft.
  - Mulch - Weed Free grain straw applied at the rate of 70 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binders, wood chips, etc.
- 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.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved Sediment Control Device, i.e. straw bale, diversion dike, etc.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- SITE ANALYSIS:**
  - Total Area = 0.593 Acres
  - Area to be Roofed = 0.038 Acres
  - Area to be Paved = 0.039 Acres
  - Area to be Seeded = 0.275 Acres
  - Area Undisturbed = 0.251 Acres
- CONSTRUCTION SEQUENCE:**
  - Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes.
  - Excavate for Foundations and Rough Grade.
  - Erect Structures, Driveways and Sidewalks.
  - Final Grade and stabilize in accordance with Note # 6.

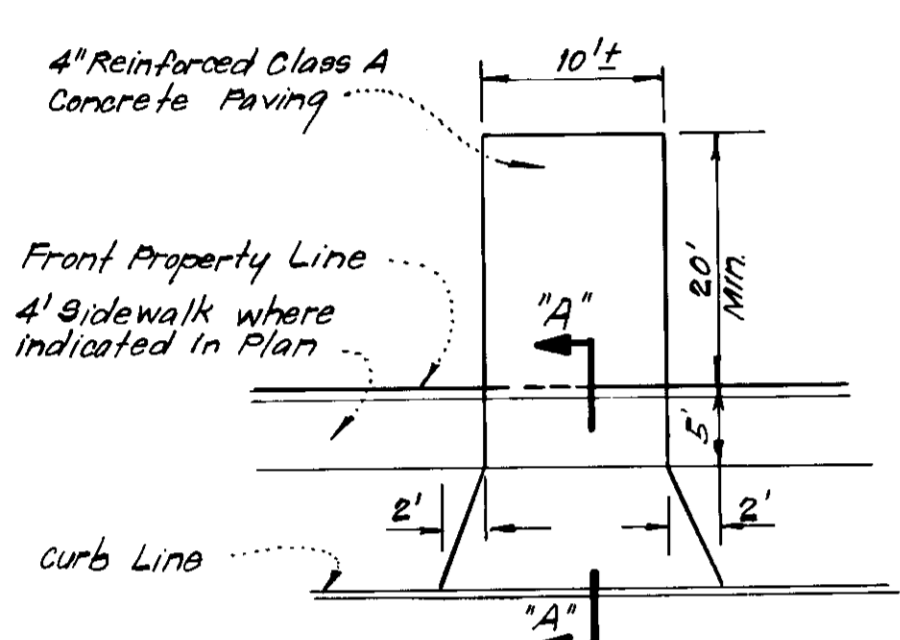


**NOTE:**  
 1. In lieu of the use of rebar each Straw Bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

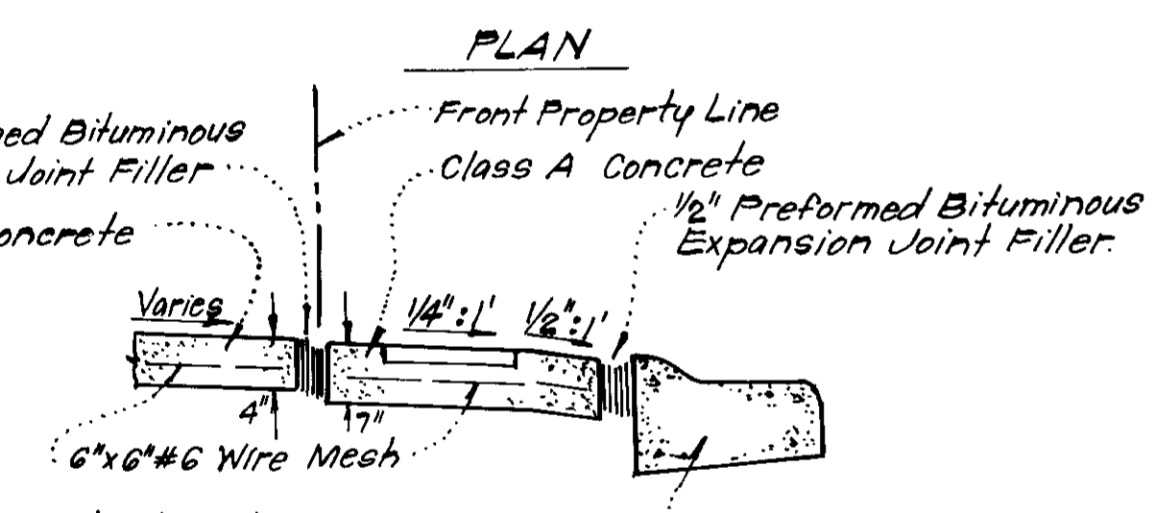
**TYPICAL STRAW BALE DETAIL (S.B.D.)**  
 No Scale



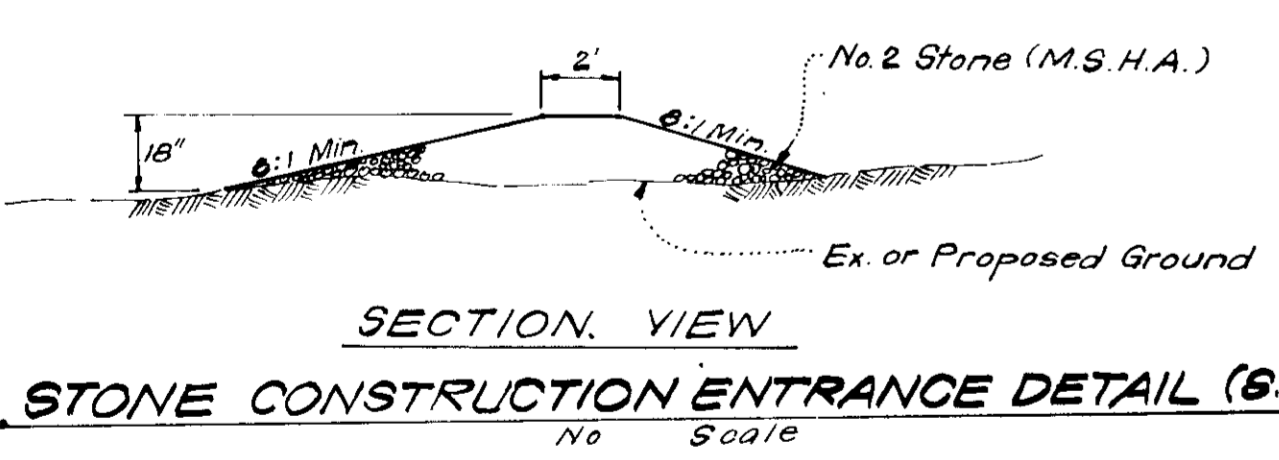
**NOTES:**  
 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.  
 2. Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".



Note: Use Residential Driveway Entrance, Howard Co. Std. Dwg. D-34, pg. 83 except where driveway abuts Modified Comb. Curbs & Gutter.



Note: Materials and Construction shall be in accordance with How. Co. Road Constr. Code. Modified Combination Curbs & Gutter Howard Co. Std. Dwg. D-40 pg. 83.



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 2-27-79

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 2-1-79

CHIEF DIVISION OF LAND DEVELOPMENT  
 DATE: 2-7-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,  
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 2-7-79

CHIEF BUREAU OF ENGINEERING  
 DATE: 2-7-79

Reviewed for Howard S.C.D.  
 and needs of Howard County  
 C. Wayne Kay 2/14/79  
 U.S. Soil Conservation Service

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

*[Signature]* Approved 2-14-79 Date

**DEVELOPER'S CERTIFICATE**  
 I certify that all development and construction  
 will be done in accordance with the development  
 and site plan for this site and I also  
 authorize persons on the site to carry out the Howard  
 Soil Conservation District or their authorized agents  
 as are deemed necessary. Deviation from this plan  
 will not be made unless authorized by the Howard  
 Soil Conservation District.

*[Signature]* 11-16-78  
 Signature Date  
 Lowrie B. Sargent

**ENGINEER'S CERTIFICATE**  
 I hereby certify that this plan for Erosion and  
 Sediment Control represents a practical and workable  
 plan based on a reasonable knowledge of the site  
 conditions and that it was prepared in accordance  
 with the requirements of the Howard Soil Conserva-  
 tion District.

*[Signature]* 11-16-78  
 Signature Date  
 Richard J.H. Stepp



**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 13315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED BY: *[Signature]*  
 DRAWN BY: WRMS  
 CHECKED BY: K.I.W.  
 WRMS/RJS  
 DATE: Nov, 1978

**SITE DEVELOPMENT PLAN & SEDIMENT & EROSION CONTROL PLAN LOT 5**  
**COLUMBIA**  
 VILLAGE OF OAKLAND MILLS SECTION 5  
 STATION ELECTION DISTRICT AREA 7  
 HOWARD COUNTY, MARYLAND  
 FOR: THE RYLAND GROUP, INC.  
 Suite 200 Y.O.M. Office Building  
 Columbia, Maryland 21044  
 SDP-79-68c

SCALE: As Shown  
 DRAWING: 1 of 1  
 JOB NO.:  
 FILE NO.: 1389-X

1-30-79  
*[Signature]*