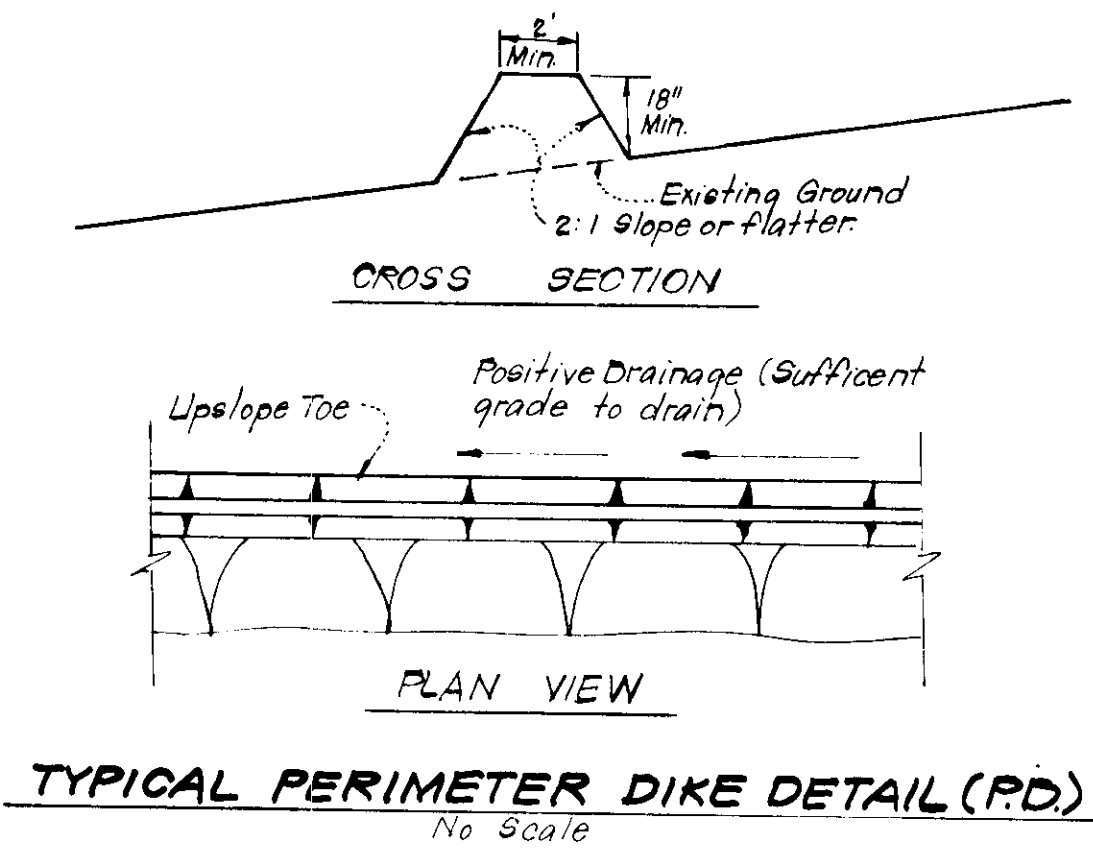
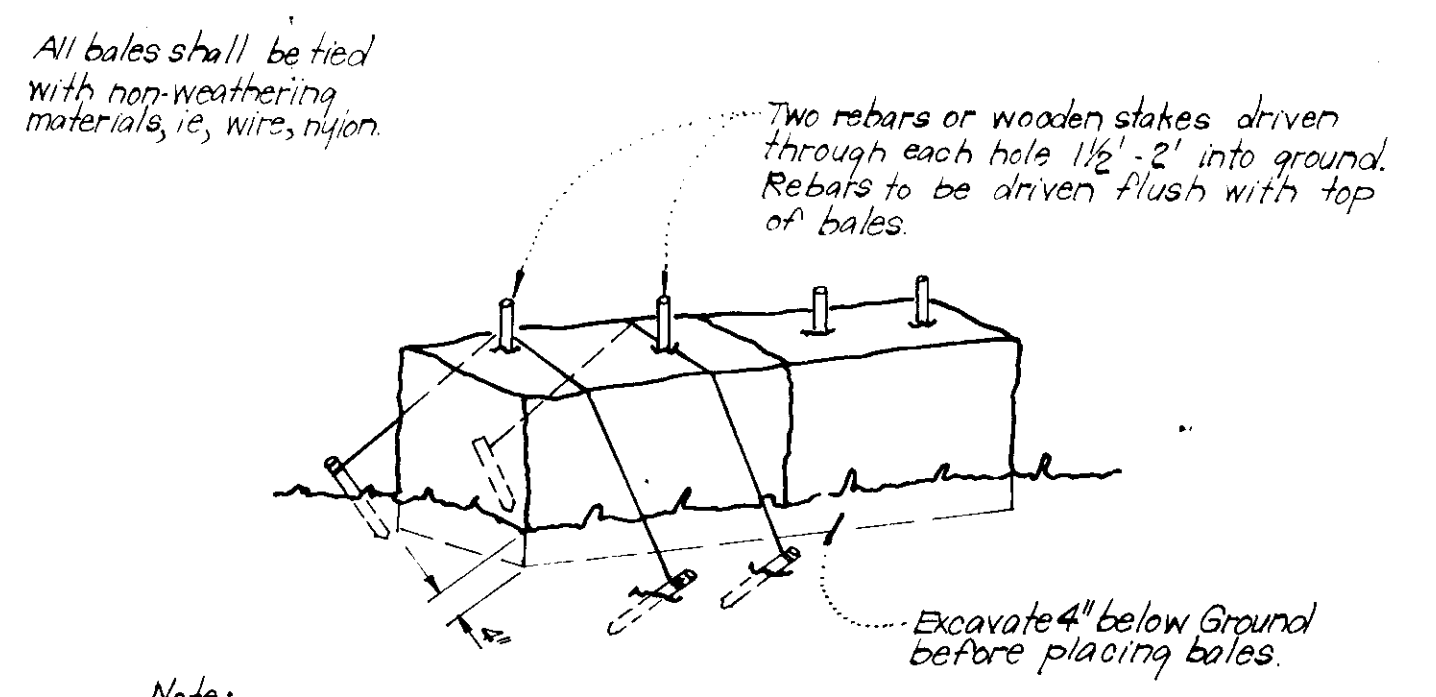


GENERAL NOTES

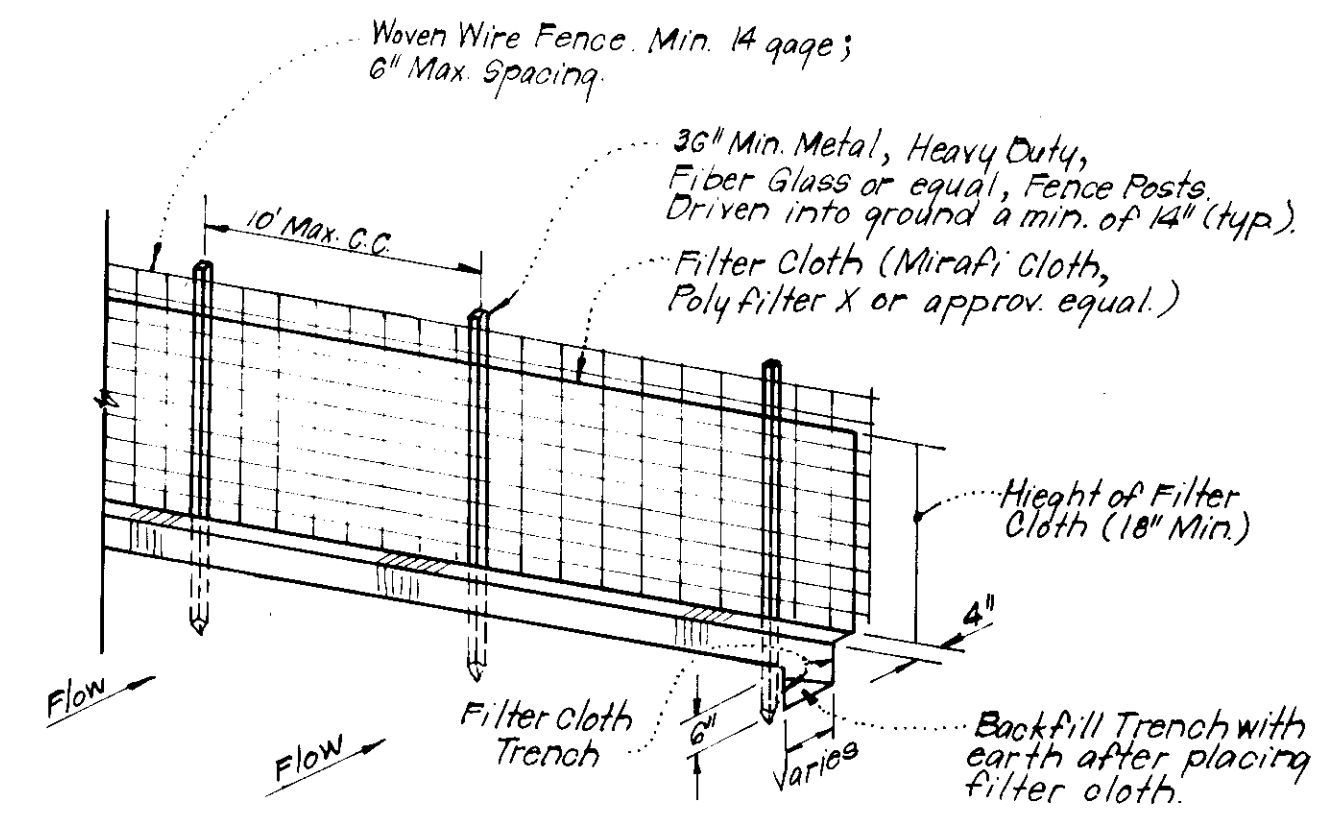
- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See note #6 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 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 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% creeping Fescue, 20% Kentucky 31 and 20% annual rye.
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sq ft. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 46 lbs/1000 sq ft.
 - Mulch - Weed free grain straw applied at a rate of 46 lbs/1000 sq ft. 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 developers 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.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- Total Amount of Straw Bales or Silt Fence shown = 20 LF
- SITE ANALYSIS:

A. Total Area:	0.357	Acres
B. Area to be Roofed:	0.034	Acres
C. Area to be Paved:	0.016	Acres
D. Area to be Seeded:	0.153	Acres
E. Area Undisturbed:	0.154	Acres
- CONSTRUCTION SEQUENCE:
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dikes
 - Excavate for Foundations and Rough Grade
 - Erect Structures, Drive ways and Sidewalks
 - Final Grade and Stabilize in accordance with note #6.
- The Land included is zoned: R-12.
- The Lots shown are located on Tax Map #35.
- The Plan and Coordinates shown hereon are based upon traverse controls for Columbia established by Maps Inc. in 1965 and by Purdum and Veschke in 1968, which controls were tied to Md. Bureau of Control Survey Monuments and to U.S. Coast and Geodetic Mean Survey Monuments in the Columbia Area.
- All Roadways are Public and Existing.
- Any damage to county owned rights of way or paving shall be corrected at the developers expense.



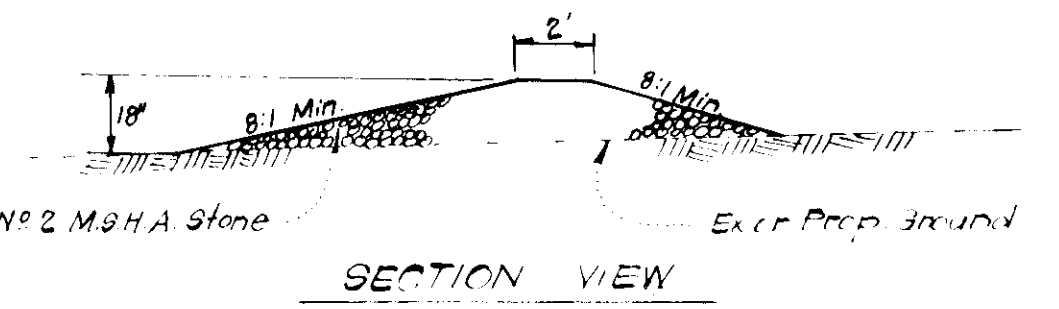
TYPICAL STRAW BALE DIKE DETAIL (S.B.D.)
No Scale

TYPICAL PERIMETER DIKE DETAIL (PD)
No Scale

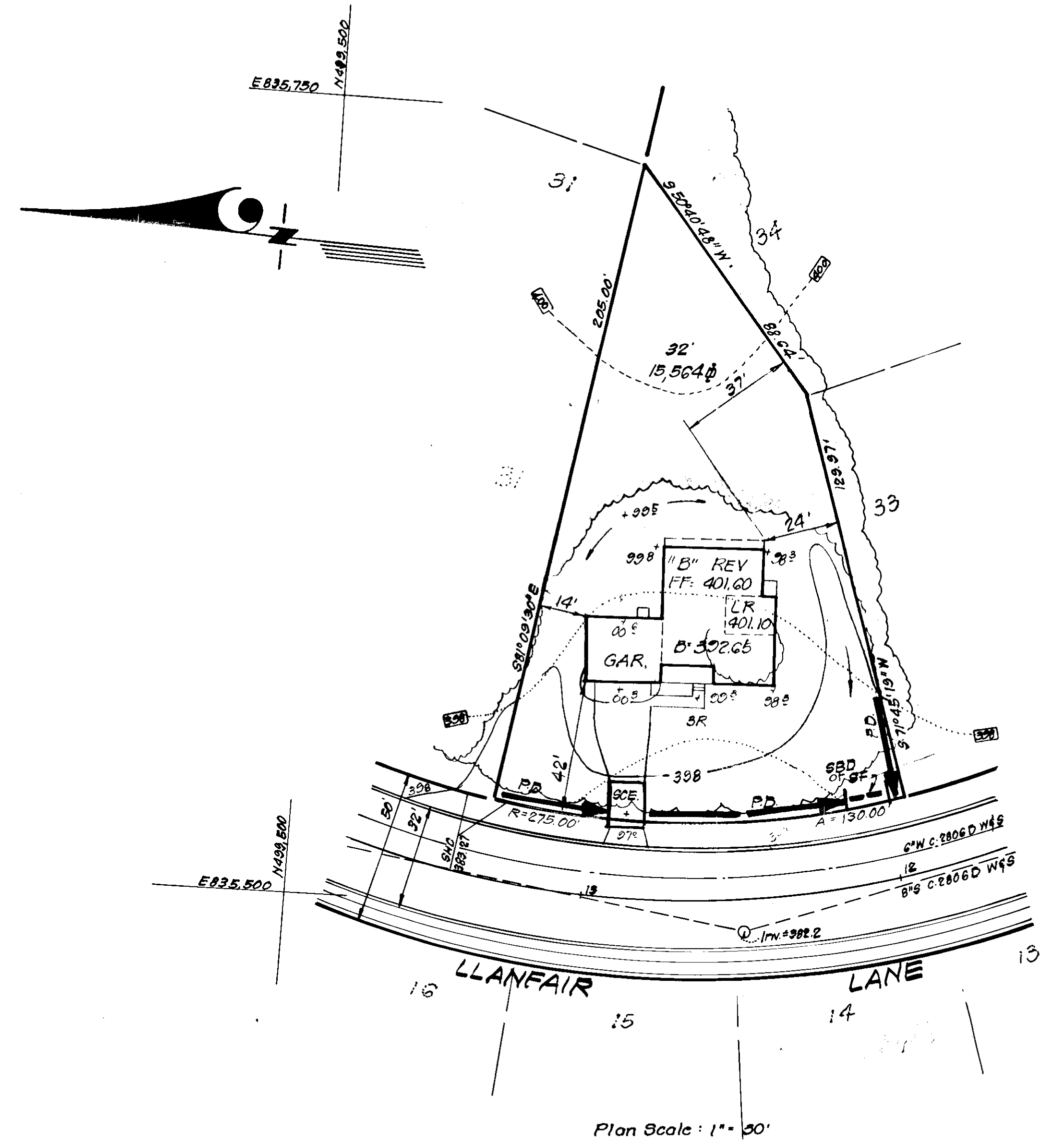


- Notes:
- Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
 - Filter Cloth to be fastened securely to Woven Wire, by use of wire ties spaced every 24"x24"

TYPICAL SILT FENCE DETAIL (S.F.)
No Scale



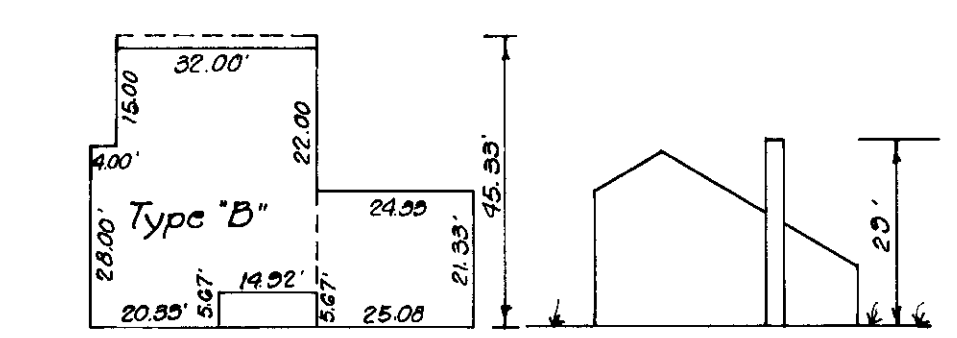
STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale



Plan Scale: 1" = 20'

APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE 5-3-79
ANN



TYPICAL HOUSE
No Scale

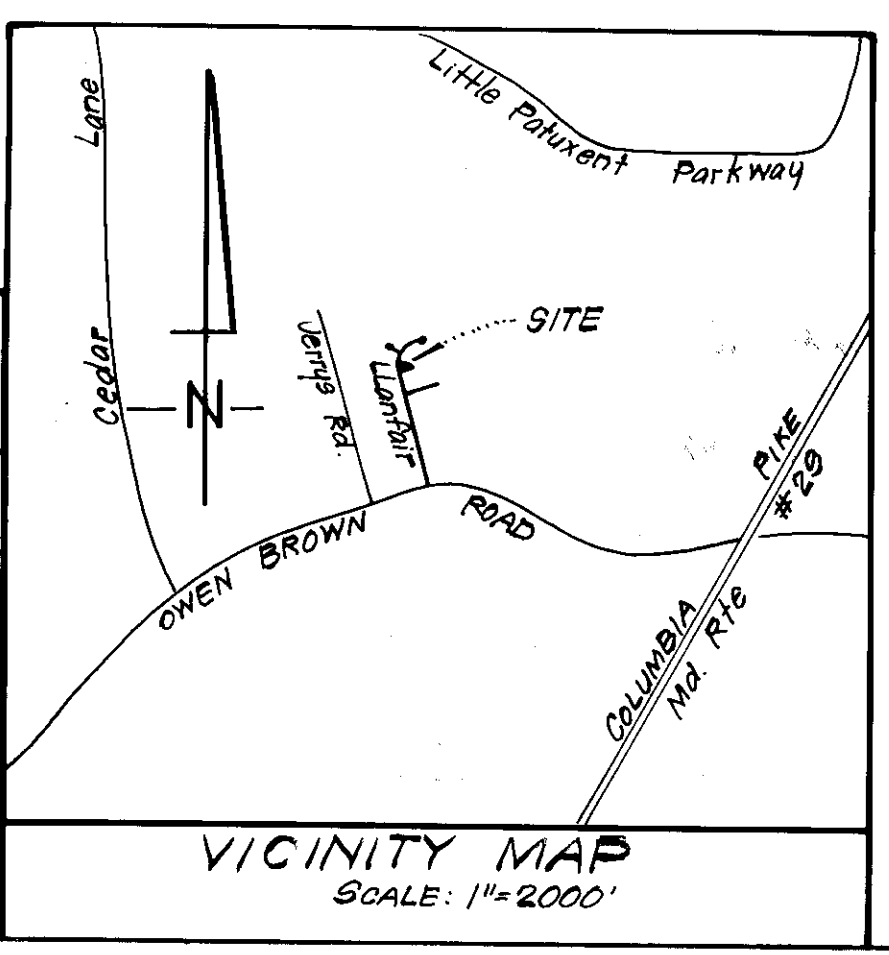
LEGEND:

- Contour Interval 2 Ft.
- Existing Contour - - - - -
- Proposed Contour - - - - -
- Spot Elevation +005
- Direction of Drainage →
- Exist. Trees to be Retained
- Perimeter Dike
- Straw Bale Dike or Silt Fence
- Stone Construction Entrance

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 6-1-79
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 5-1-79
PLANNING DIRECTOR
CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 5-24-79
DIRECTOR
CHIEF BUREAU OF ENGINEERING



VICINITY MAP
SCALE: 1" = 2000'

Reviewed for **HOWARD** S.C.D.
Name
and meets Technical Requirements
William H. Avery 5-16-79
Date
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT
CONTROL BY THE HOWARD SOIL
CONSERVATION DISTRICT

DEVELOPER'S CERTIFICATE

I certify that all development and/or construction
will be done according to this plan of development
and plan for Erosion and Sediment Control, and I also
authorize periodic on-site inspection by 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.

Approved: **William H. Avery** 5-16-79 Date
Signature

ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and
Sediment Control meets a practical and workable
plan based on my personal knowledge of the site
conditions and that it is in accordance
with the requirements of the Howard Soil Conserva-
tion District.

Approved: **John Nelson** 5-15-79 Date
Signature



Notes: See Plot # 4091

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400

DESIGNED JME	SEDIMENT & EROSION CONTROL PLAN & SITE DEVELOPMENT PLAN LOT 32 OWEN BROWN ESTATES	SCALE As Shown
DRAWN K.W.		DRAWING 1 of 1
CHECKED R.U.S.	SECTION 1 AREA 1 SELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 78-1138
DATE Mar, 1979	FOR: AVERY HOMES, INC. 2000 CENTURY PLAZA, Suite 445 Columbia, Md. 21044	FILE NO. 78-1138-X

SDP 79-122 5-15-79-122