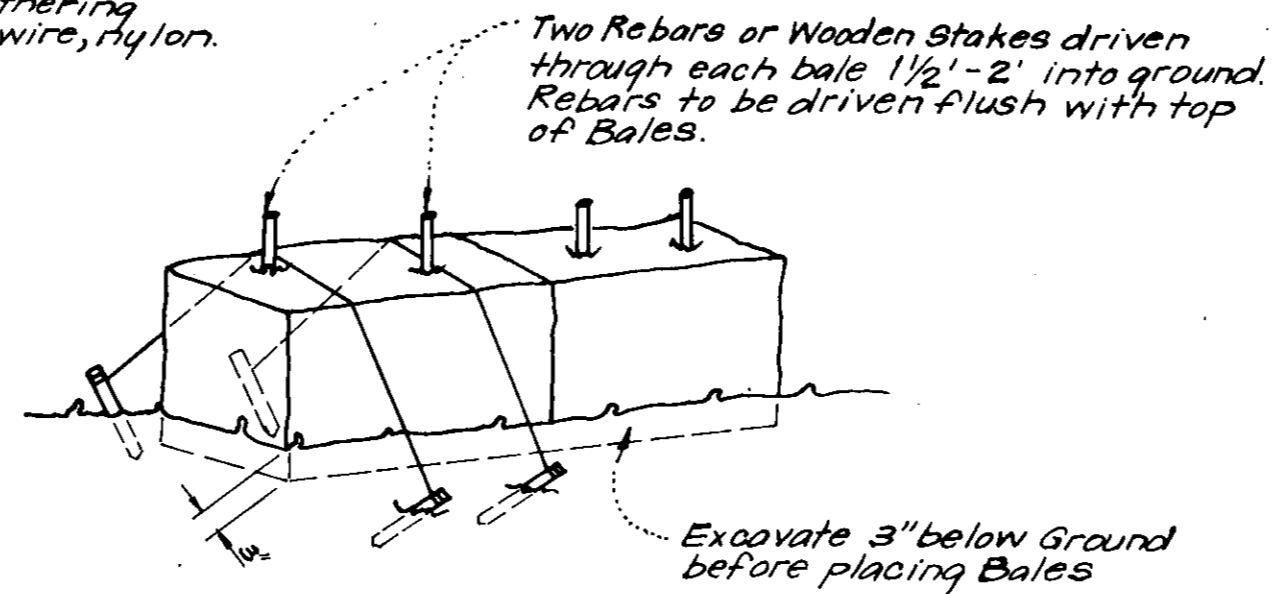


NOTES:
 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
 2. Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

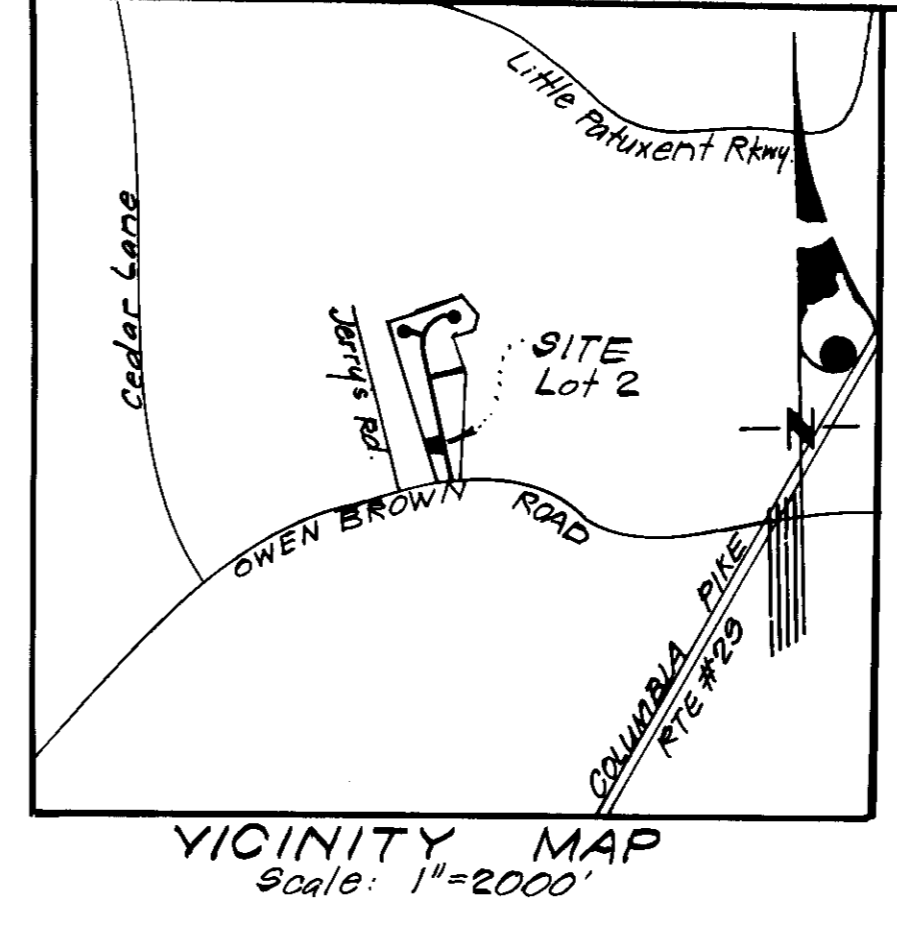
SILT FENCE DETAIL (S.F.)
 No Scale

All Bales shall be tied with non-weathering materials, i.e. wire, nylon.

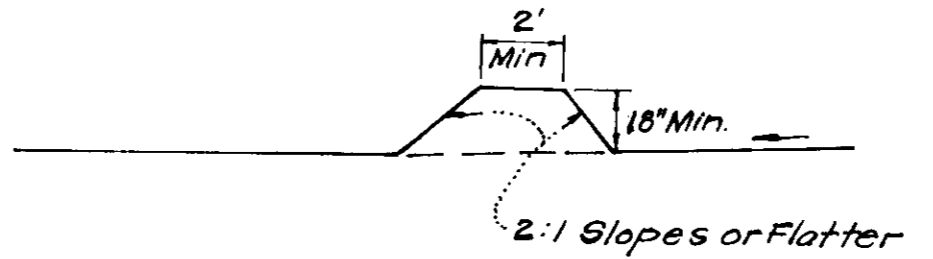


NOTE:
 1. In lieu of the use of rebar each Straw Bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

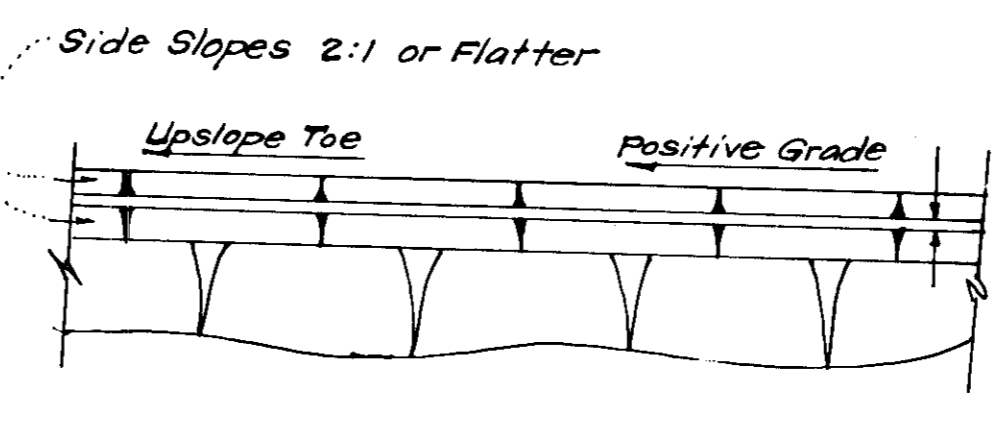
TYPICAL STRAW BALE DETAIL (S.B.D.)
 No Scale



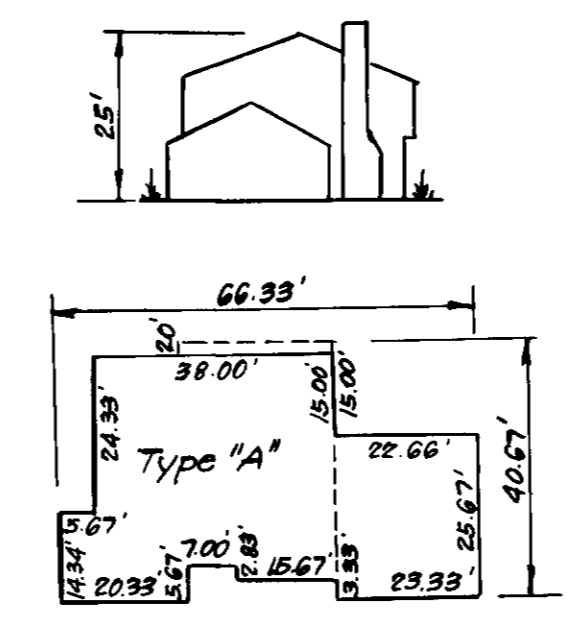
VICINITY MAP
 Scale: 1"=2000'



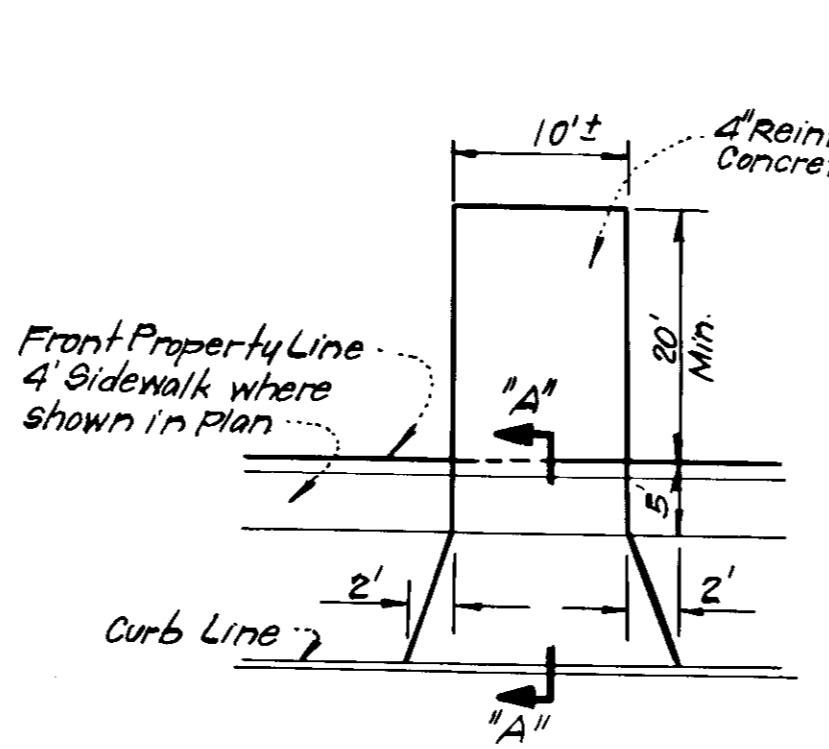
CROSS SECTION



PLAN VIEW
DIVERSION DIKE (D.D.)
 No Scale

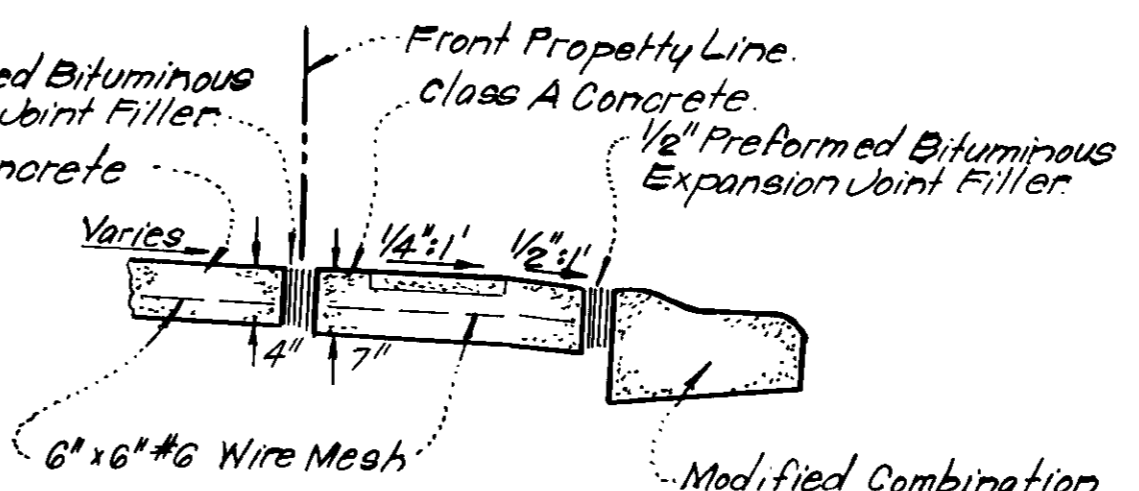


TYPICAL HOUSE
 No Scale



Note: Use Residential Driveway Entrance, Howard Co. Std. Dwg. D-34, pg. 88 except where driveway abuts Modified Comb. Curb & Gutter.

PLAN
DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER
 No Scale



Note: Materials and construction shall be in accordance with How. Co. Road Construction Code.

SECTION "A"-A"

- 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 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 Grading shall be treated in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3 lbs/1000 s.f. mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% annual rye.
 - 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 s.f.
 - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 s.f. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, 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 = 0.357 Acres
 - Area to be Roofed = 0.047 Acres
 - Area to be Paved = 0.017 Acres
 - Area to be Seeded = 0.157 Acres
 - Area Undisturbed = 0.136 Acres
 - CONSTRUCTION SEQUENCE:**
 - Remove Ex. Shed and stabilize area immediately in accordance with Note #6.
 - Install sediment & erosion control devices and stabilize Diversion Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Drive ways and Side walks.
 - Final Grade and stabilize in accordance with Note #6.

- GENERAL NOTES:**
- The Land included in this plan is zoned: R-20
 - The Lot shown on this plan is 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 Furum and Veschte in 1969, which controls were tied to 1171 Bureau of Control Survey Monuments and to U.S. Coast & Geodetic Mean Survey Monuments in the Columbia area.
 - The total area included in this plan is 0.357 Acres.
 - All roadways are Public & Existing.
 - Any damage to county owned rights of way shall be corrected at the developer's expense.

LEGEND:

1. Control Interval	2' F.I.
2. Existing Contour	--- 4/10 ---
3. Proposed Contour	--- 4/10 ---
4. Spot Elevation	+102
5. Direction of Drainage	→
6. Existing Trees to be Retained	⊙
7. Diversion Dike	— D.D. —
8. Straw Bale Dike or Silt Fence	— S.B.D. or S.F. —
9. Stone Construction Entrance	— S.C.E. —

Note: For Bearings and Distances of Individual Lots Lines, See Plat #1001

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	3-19-79
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING	2-28-79
CHIEF DIVISION OF LAND DEVELOPMENT	2-28-79
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	3-2-79
CHIEF BUREAU OF ENGINEERING	1-2-79

Reviewed for HOWARD S.C.D.
 Name
 and meets Technical Requirements
C. Wayne Ray 2/28/79
 Signature Date
 U.S. Soil Conservation Service

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

LES KARP Approved 2-28-79 Date

DEVELOPER'S CERTIFICATE

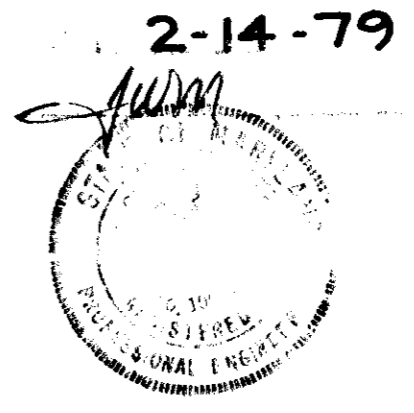
I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Wm. H. Avery Jr. 4/17/78
 Signature Date
 William H. Avery

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.

Richard J.H. Stepp 1-22-79
 Signature Date
 RICHARD J.H. STEPP



CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 1100 W. WOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-1000

DESIGNED JME	SITE DEVELOPMENT PLAN & SEDIMENT & EROSION CONTROL PLAN LOT 2	SCALE As Shown
DRAWN KRW		DRAWING 1 of 1
CHECKED J.L.S.	OWEN BROWN ESTATES SECTION 1, AREA 1 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND P.O.R.: OWEN BROWN JOINT VENTURE Suite 445, 2000 Century Plaza Ellicott City, Maryland 21044	JOB NO. 79-006
DATE Jan, 1979		FILE NO. 79006-X

SDP-79-88 HC 351