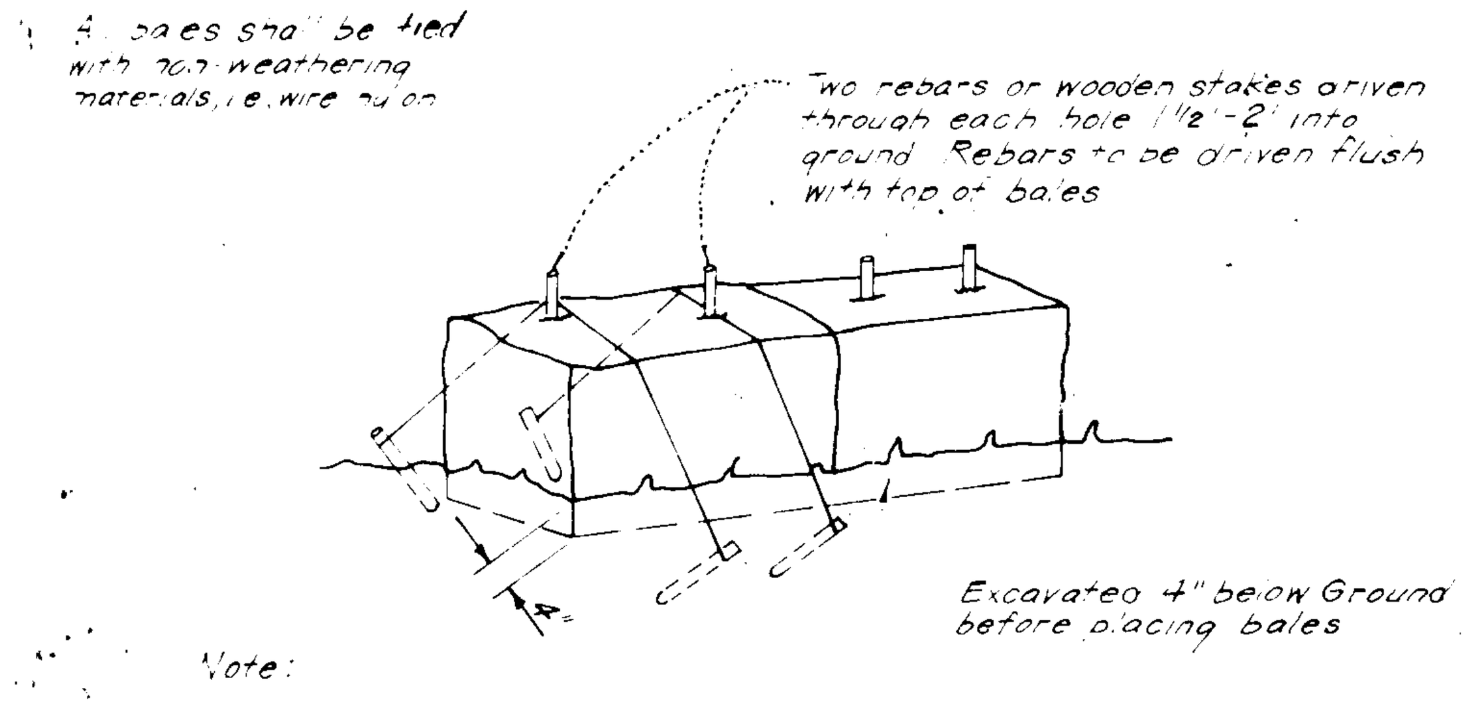
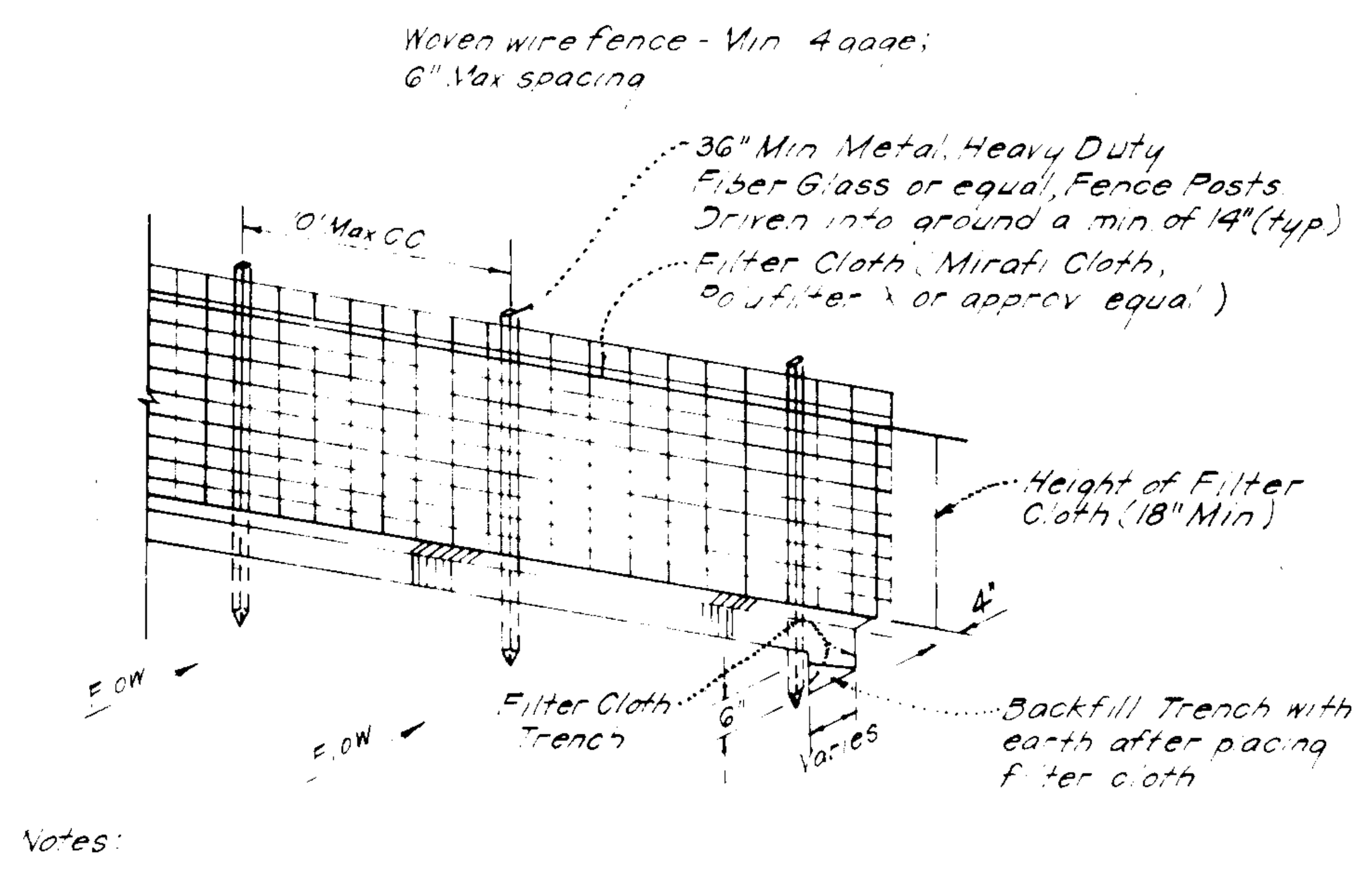
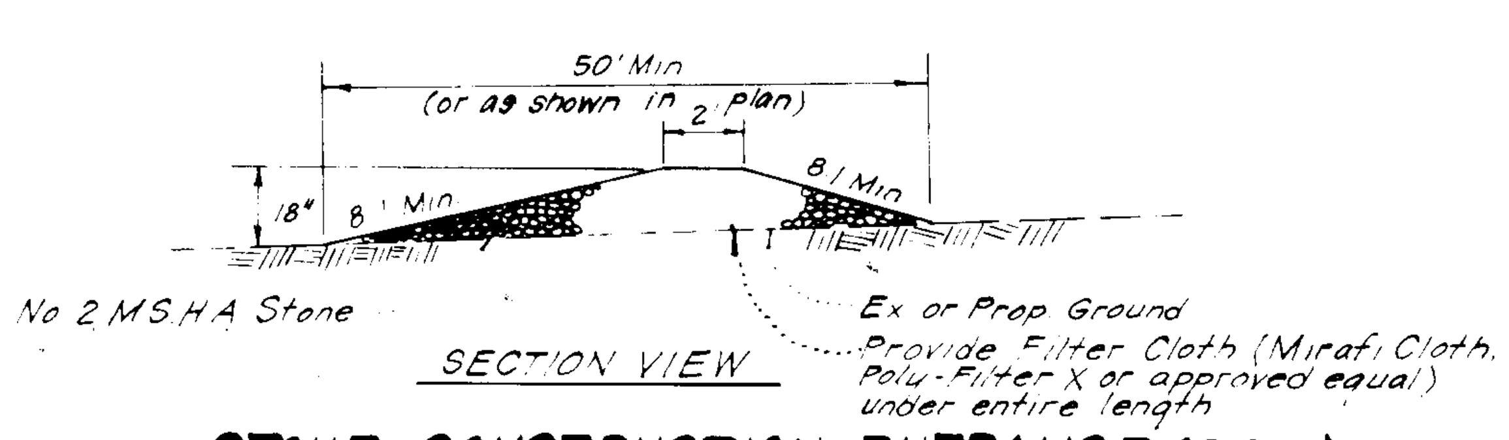


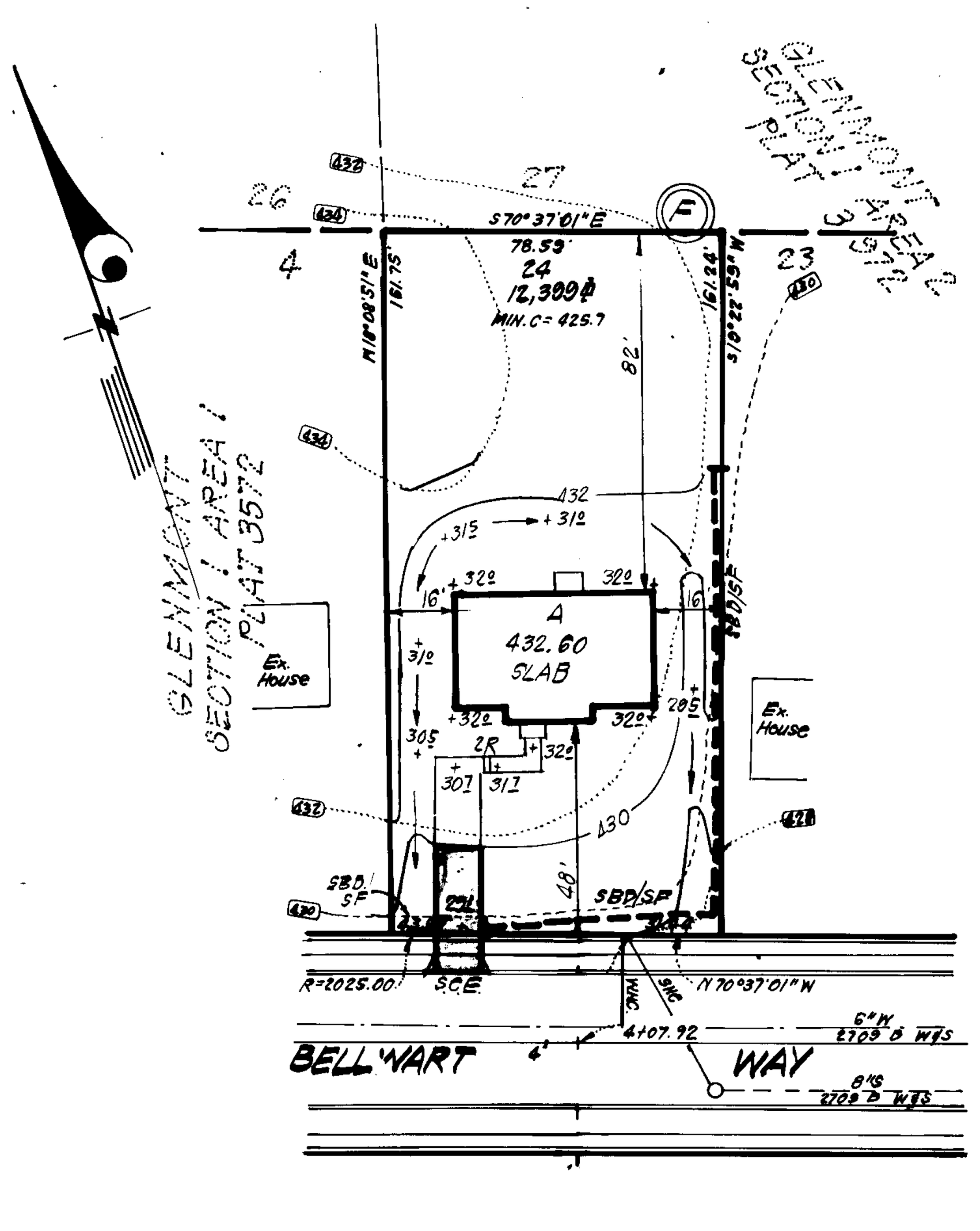
STRAW BALE DIKE DETAIL (S.B.D)
No SCALE



SILT FENCE DETAIL (S.F)
No SCALE



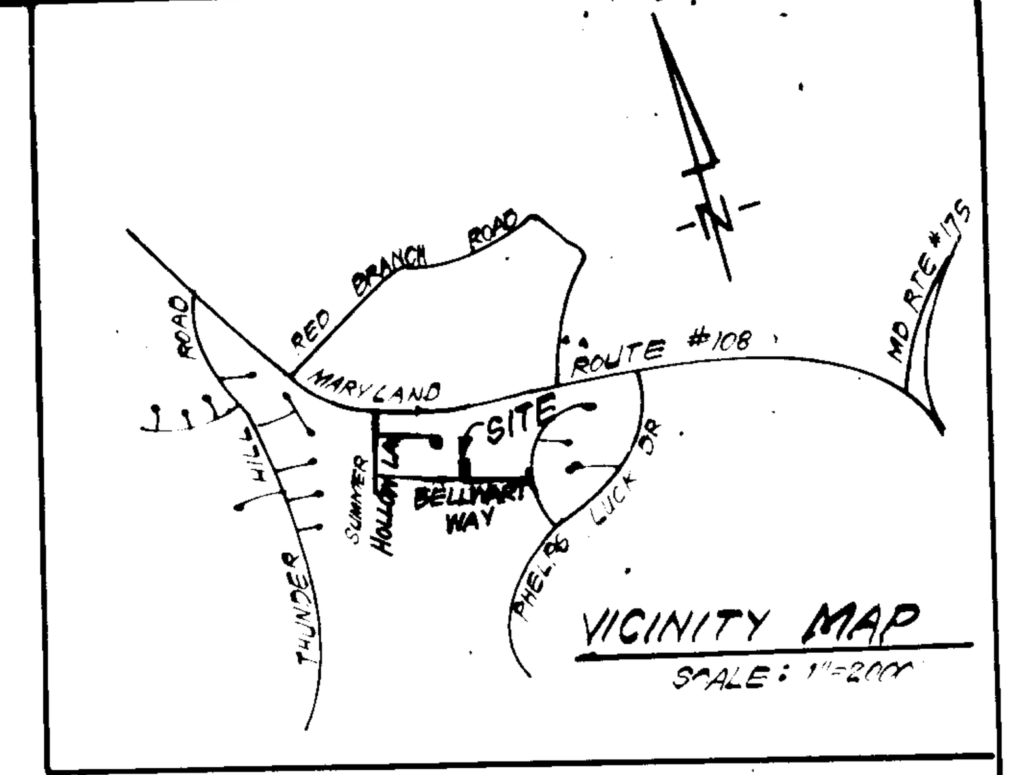
STONE CONSTRUCTION ENTRANCE (S.C.E.)
No SCALE



PLAN
SCALE: 1"=30'

SEDIMENT & EROSION CONTROL NOTES

1. Grading Permits shall be obtained prior to installation of Sediment Control & Grading
2. 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 .4 lbs/1000 sf
3. Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work
4. 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
5. Stabilization of Disturbed ground to be done as soon after construction as possible
6. All disturbed area to be stabilized in accordance with the following Specifications:
   - A. 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 rye
   - B. Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf. Ground Agricultural Lime or Dolomatic Lime applied at a rate of 90 lbs/1000 sf
   - C. 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.
   - D. All Sod used shall be Maryland State Certified
7. 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
8. 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
9. It will be the developers responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction
10. The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
11. 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
12. All pipes to be blocked at the end of each day. See detail this sheet
13. Total Amount of Straw Bales or Silt Fence shown = 150
14. SITE ANALYSIS:
   - A. Total Area: 0.284 Acres
   - B. Area to be Roofed 0.030 Acres
   - C. Area to be Paved 0.011 Acres
   - D. Area to be Seeded 0.139 Acres
   - E. Area Undisturbed 0.098 Acres
15. CONSTRUCTION SEQUENCE:
   - A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
   - B. Excavate for Foundations and Rough Grade
   - C. Erect Structures, Driveways and Sidewalks
   - D. Final Grade and Stabilize in accordance with note #6

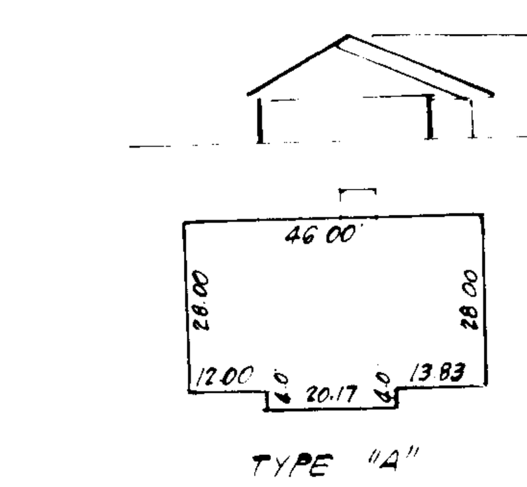


LEGEND:

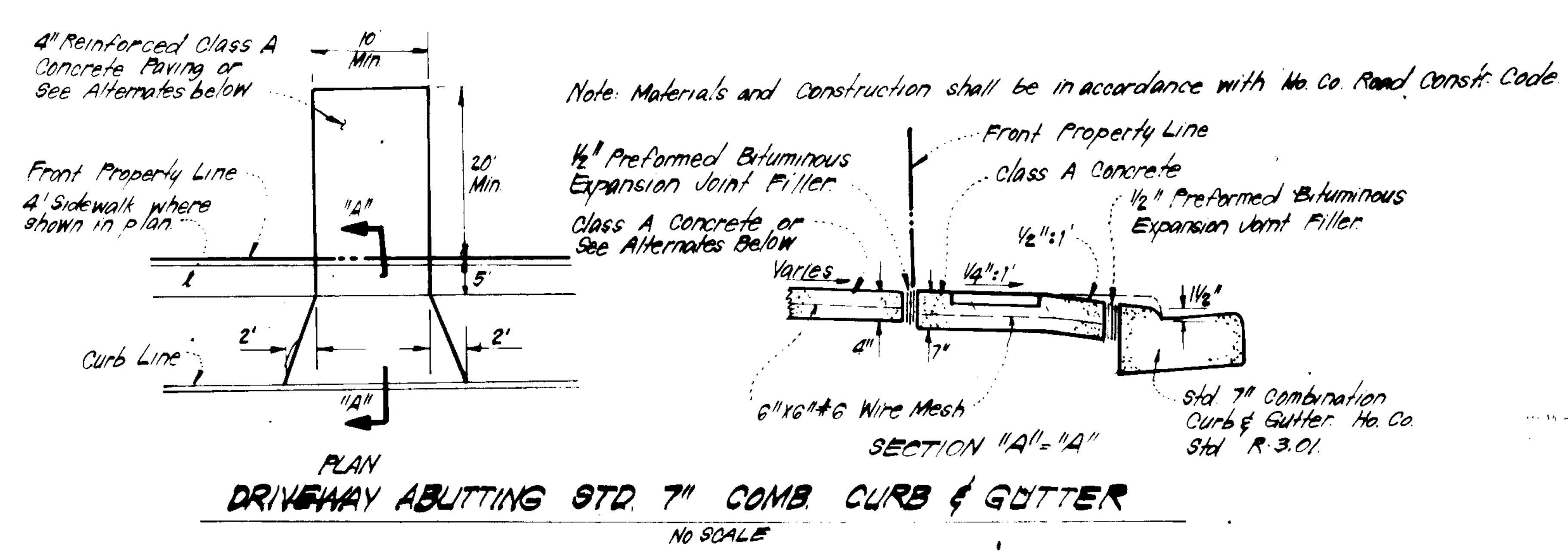
1. Contour Interval 2 ft
2. Existing Contour ---- 440 ----
3. Proposed Contour —— 440 ——
4. Spot Elevation +405
5. Direction of Drainage →
6. Straw Bale Dike or Silt Fence SBD/SF
7. Stone Construction Entrance SCE

GENERAL NOTES:

1. The land included in this plan is zoned: R-20.
2. All Coordinates are based on traverse controls for Columbia established by Mars Inc., in 1965 by Purdum & Jeschke, in 1968, which controls were tied to Maryland Bureau of Control Survey Monuments to U.S. Coast & Geodetic Survey Monuments in the Columbia Area.
3. The area covered is located on Tax Map # 30
4. The total area included on this plan is 0.284 Acre.
5. All Roadways are Public & Existing
6. Any damage to county owned rights of way shall be corrected at the Developer's expense
7. Plat Reference: Plat No. 3972
8. Number of Lots: 1



TYPICAL HOUSE
No SCALE



PLAN

DRIVEWAY ABUTTING STD. 7" COMB. CURB & GUTTER
No SCALE

Alternate #1	Alternate #2	Alternate #3
1" Bit. conc. surface	1" Bit. conc. surface	1" Bit. Conc. Surface
2" Bit. conc. Base	4" Bit. Conc. Base	3" Bit. Conc. Base
6" Gravel		3" Gravel

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — DATE 12/29/82

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE 12-29-82
CHIEF DIVISION OF LAND DEVELOP. & ZONING ADMIN. — DATE 12-29-82

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE 12-21-82
CHIEF BUREAU OF ENGINEERING — DATE 12-20-82

DEVELOPER'S/BUILDER'S CERTIFICATE

"... certify that all development and construction will be done ... development and plan for erosion and sediment ... in the construction ... Dept. of Natural ... program for the control of Sediment and ... the project ... also authorize periodic on ... by the Howard Soil Conservation District or their authorized agents, as are deemed necessary."

Robert C. Goodier V.P. — 11-10-82
Signature of Developer/Builder — Date
Robert C. Goodier

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
Signature — Date 12/10/82
U.S. Soil Conservation Service

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

Approved — Date 12-16-82

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 and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

C. Nelson Clark — Date 11-10-82

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-2-82

Revision to S.D.P. 79-146

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

DESIGNED JLS	SITE DEVELOPMENT PLAN & SEDIMENT & EROSION CONTROL PLAN LOT 24, BLOCK F	SCALE 1"=30'
DRAWN K.I.W.	GLENMONT	DRAWING 1 OF 1
CHECKED J.L.S.	SECTION 1 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 82-028
DATE 11-10-82	FOR: PHILLIPS-STEVENS & ASSOCIATES, INC 7243 Swan Point Way Columbia, Md 21045	FILE NO. 82-028

SDP-83-51