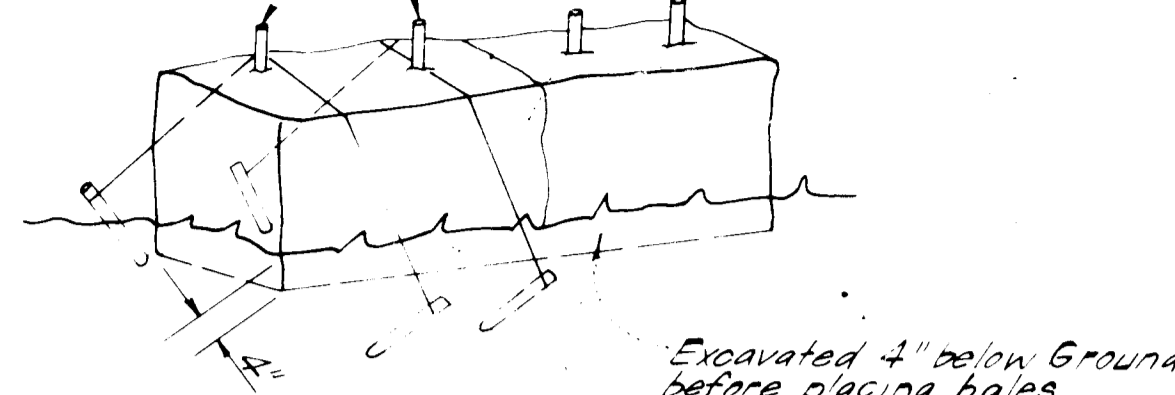


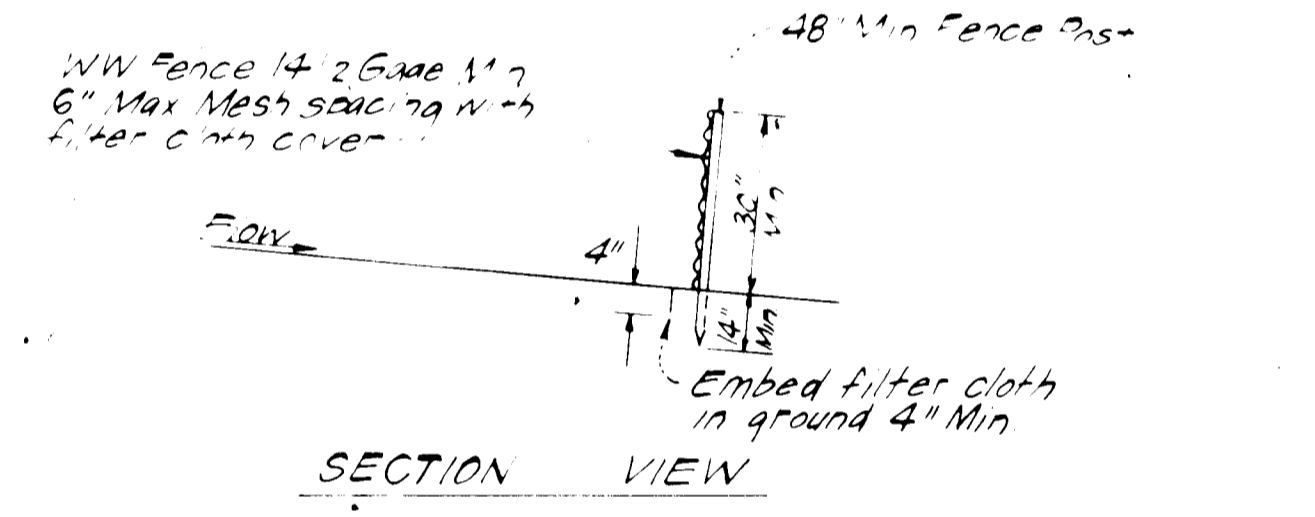
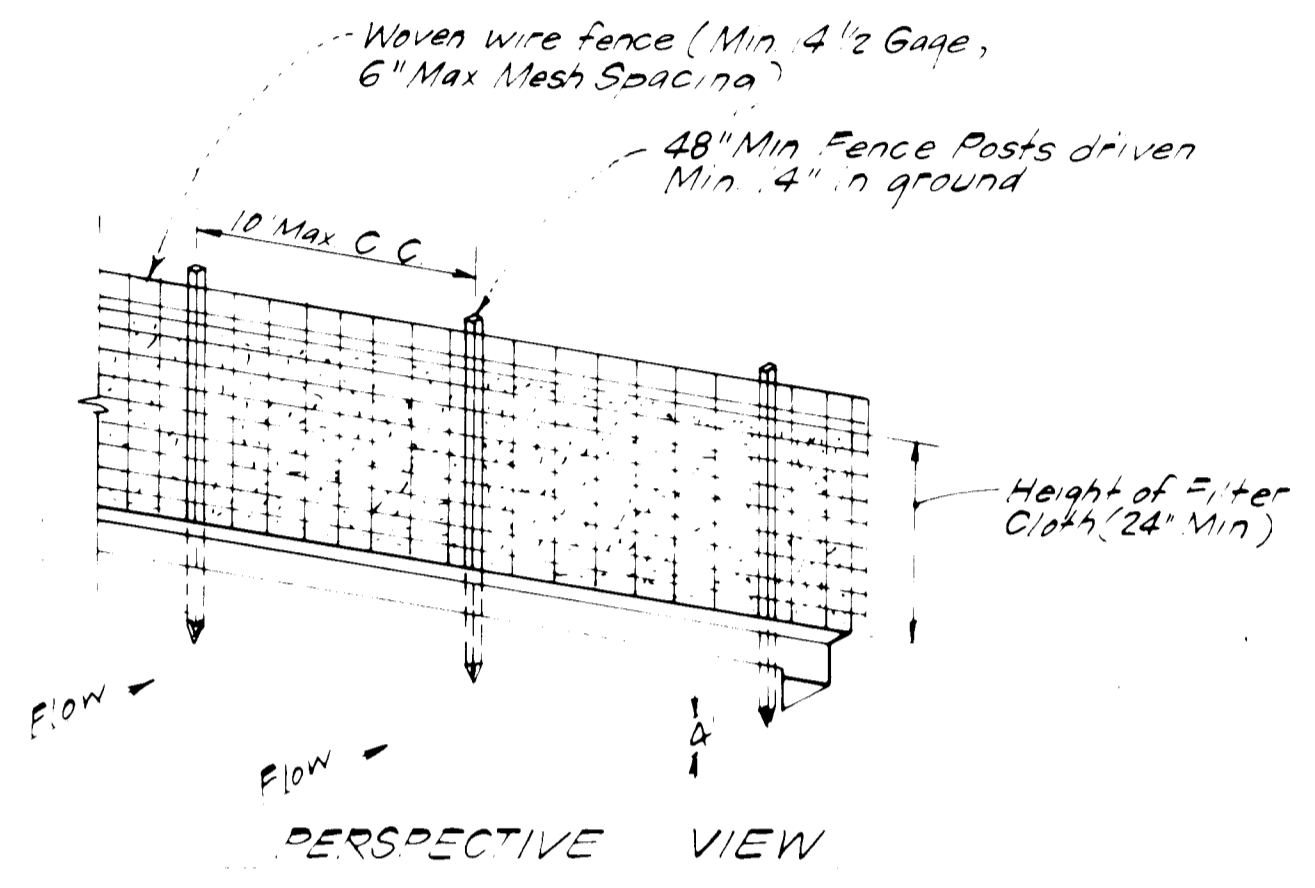
Bales shall be tied with non-weathering materials, i.e. wire, nylon

Two rebars or wooden stakes driven through each hole 1/2" - 2" into ground. Rebars to be driven flush with top of bales



Note: In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

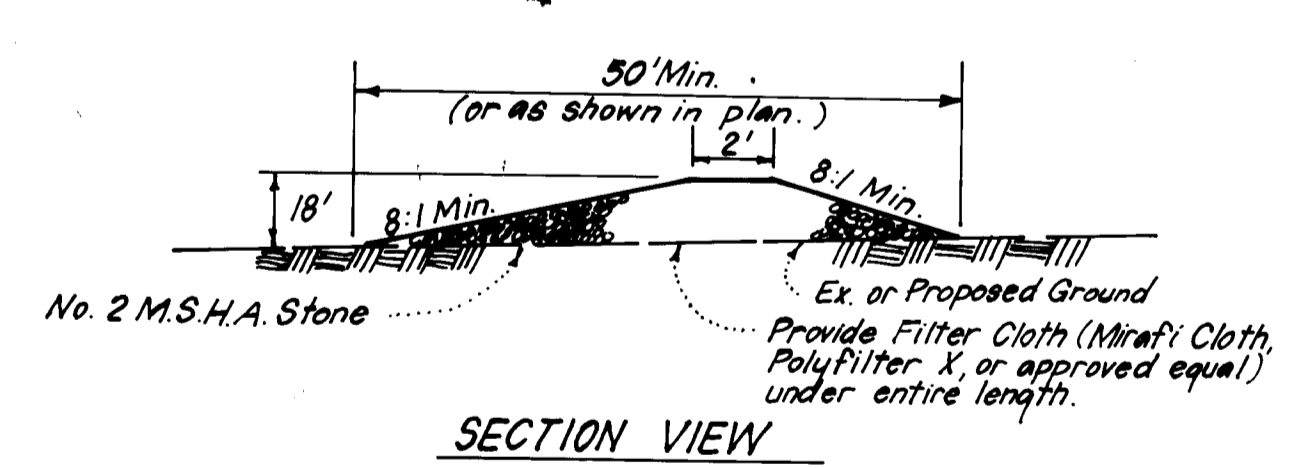
**STRAW BALE DIKE DETAIL (S.B.D.)**  
NO SCALE



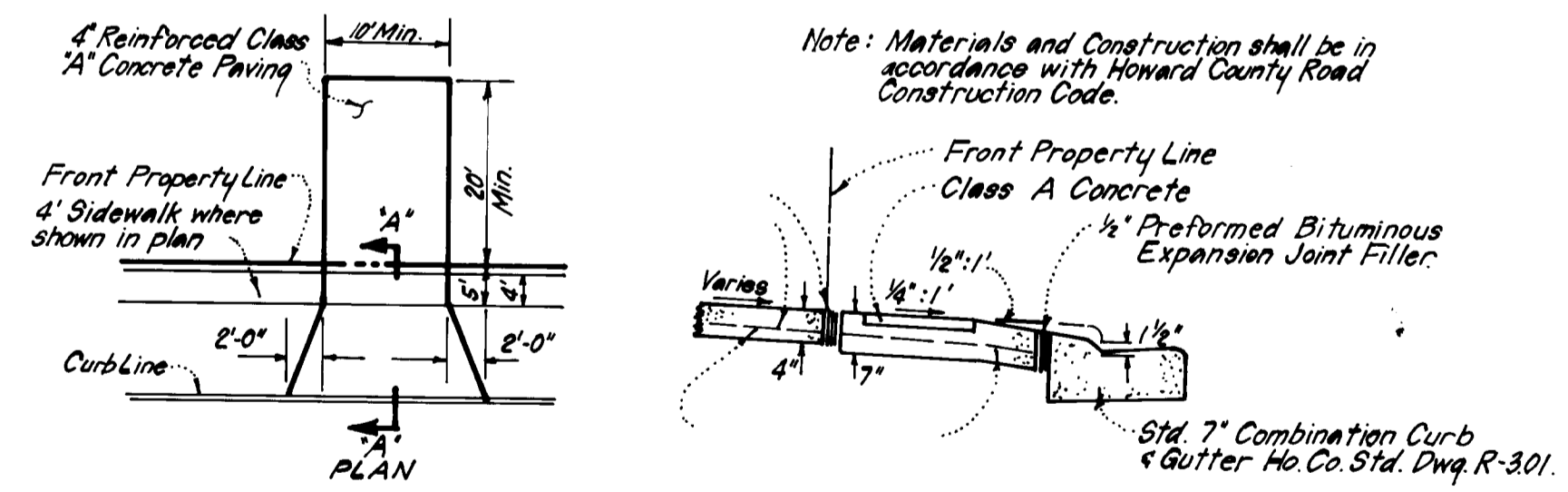
**CONSTRUCTION NOTES:**  
1. Woven wire fence to be fastened securely to fence posts with wire ties or staples  
2. Filter cloth to be fastened securely to woven wire fence with wire ties spaced every 24" at top and mid section

POSTS: Steel, either T or U-type or 2" Hardwood  
FENCE: Woven wire, 4 1/2 Gage, Max 6" Mesh Opening  
FILTER CLOTH: Filter X, MiraFi 100X, Laurel Erosion Control Cloth, Bidim, PolyFilter X or equal

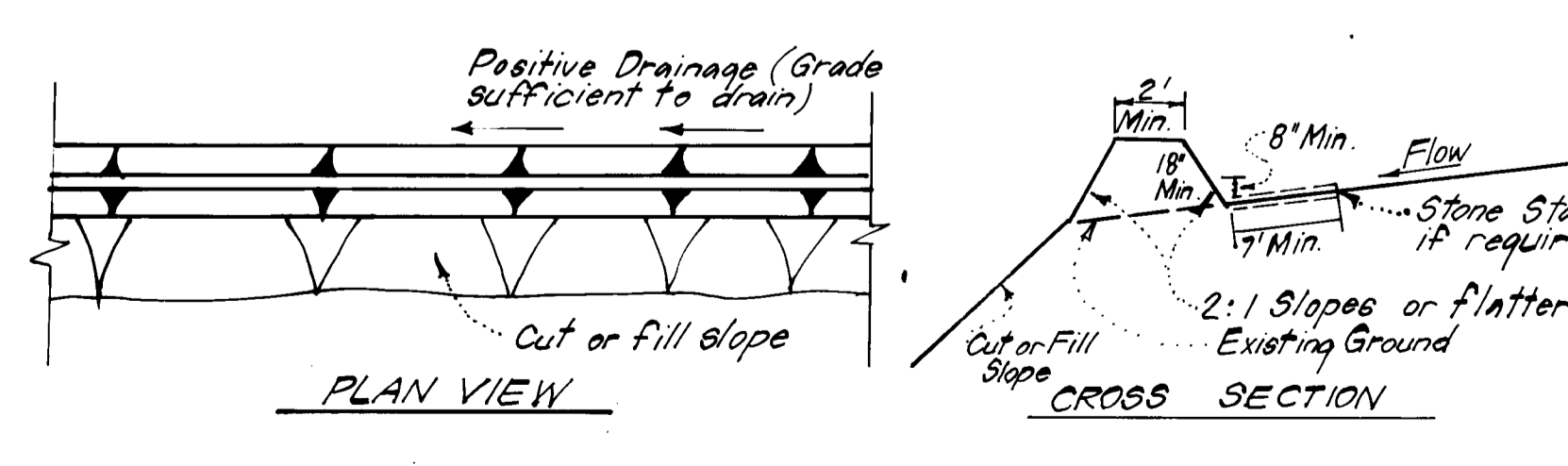
**SILT FENCE DETAIL (S.F.)**  
NO SCALE



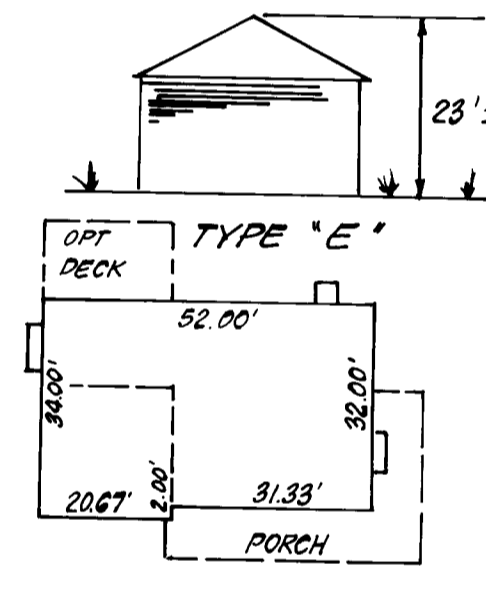
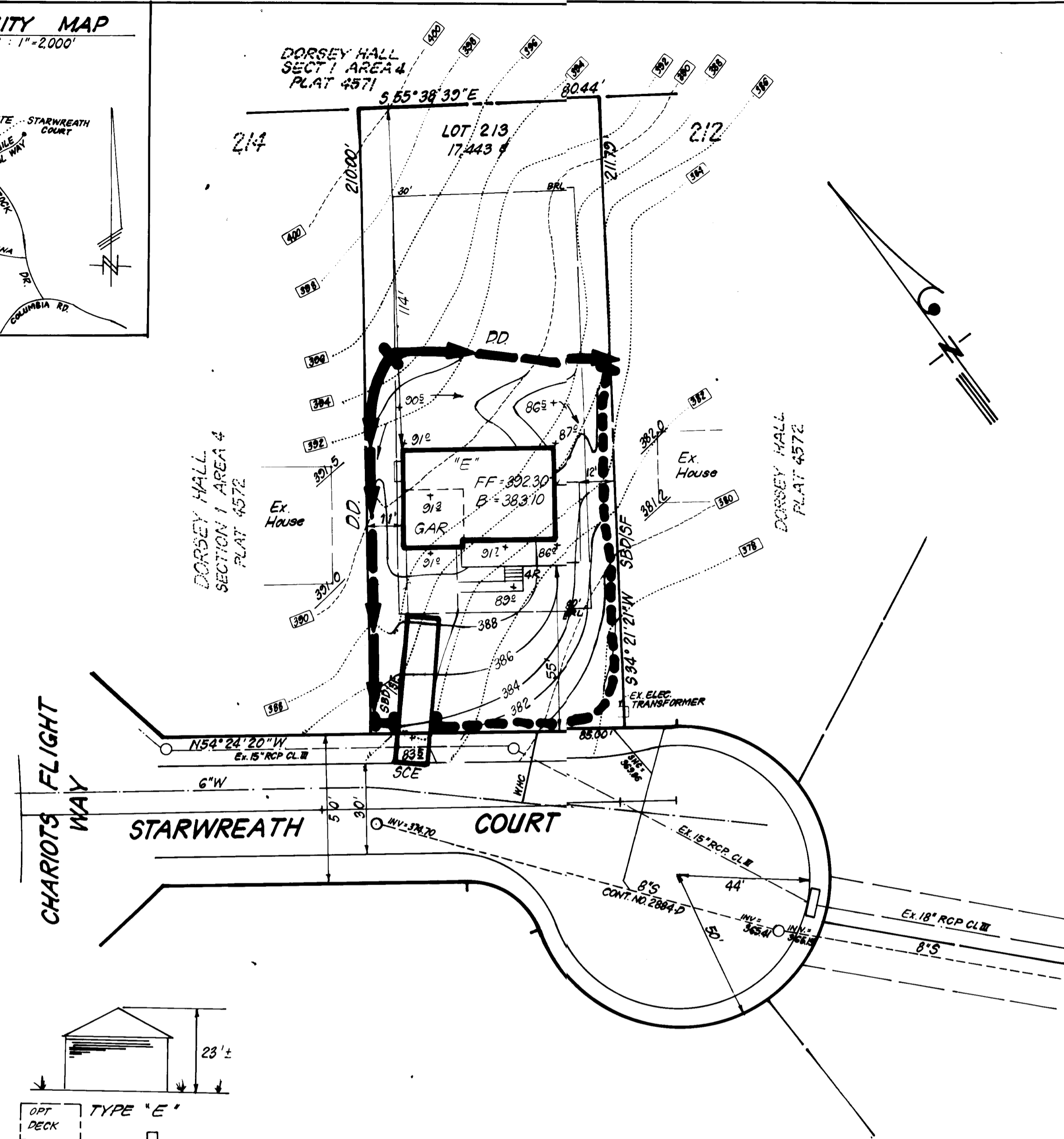
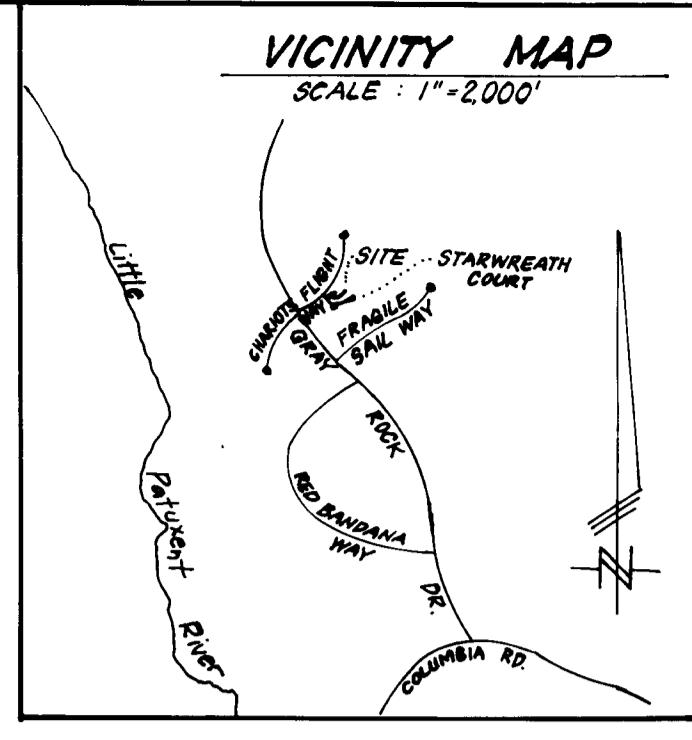
**STONE CONSTRUCTION ENTRANCE**  
NO SCALE



**DRIVEWAY ABUTTING STD. 7" COMB. CURB & GUTTER**  
NO SCALE



**DIVERSION DIKE (D.D.)**  
NO SCALE



**HOUSE TYPE**  
NO SCALE

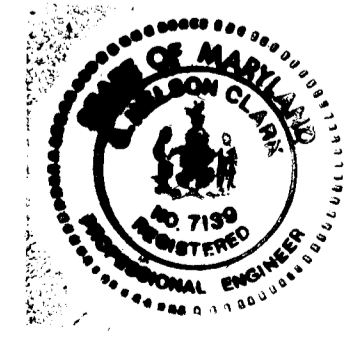
Reviewed for: Howard S.C.D.  
Name  
and meets Technical Requirements  
Signature Date  
U.S. Soil Conservation Service

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

Approved: Stephen A. Fisher Date: 4/26/84

**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.

Date: 4-30-84  
Signature: G. Nelson Clark



**DEVELOPER'S/BUILDER'S CERTIFICATE**  
I/We certify that all development and construction will be done according to this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

Signature of Developer/Builder: Harry L. Lundy  
Date: 4-27-84

**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 sf.
- 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 areas 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 Dolomitic Lime applied at a rate of 30 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.
- 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 or from this site.
- All pipes to be blocked at the end of each day. See detail this sheet NA.
- Total Amount of Straw Bales or Silt Fence shown = 180 L.F.
- SITE ANALYSIS:**  
A. Total Area: 0.400 Acres  
B. Area to be Roofed: 0.050 Acres  
C. Area to be Paved: 0.024 Acres  
D. Area to be Seeded: 0.142 Acres  
E. Area Undisturbed: 0.184 Acres
- CONSTRUCTION SEQUENCE:**  
A. Install Sediment & Erosion Control Devices and Stabilize Diversion Dike  
B. Excavate for Foundations and Rough Grade  
C. Construct Structures, Driveways and Sidewalks  
D. Final Grade and Stabilize in accordance with note #6
- If houses are to be constructed on an "As-Sold" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.
- The land included in this plan is zoned: R-20.
- Coordinates shown are extensions made from Maryland State Plane Coordinate System. Bearings refer to true north and are based on Maryland Bureau of Control Surveys Point "Columbia Reset 1966".
- The area shown is located on Tax Map #24.
- The total area included on this plan is 0.400 Acres.
- All roadways are public and existing.
- Any damage to public owned rights-of-way shall be correct at the developers expense.
- Total Number of Lots: 1.

**LEGEND:**

- Contour Interval: 2ft
- Existing Contour:
- Proposed Contour:
- Spot Elevation:
- Direction of Drainage:
- Straw Bale Dike/Silt Fence:
- Stone Construction Entrance:
- Existing Spot Elevation: 391.5
- Diversion Dike:

ADDRESS CHART		
Lot No	Street Address	
213	4017 Starwreath Court	

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
DATE: 6-18-84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
DATE: 6-21-84

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DATE: 6-14-84

APPROVED: DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION, HOWARD COUNTY, MARYLAND  
DATE: 6-4-84

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

DESIGNED: JME, JLS. SCALE: 1" = 30'

DRAWN: BAF. DRAWING: 1 of 1

CHECKED: JME, JLS. JOB NO.: 83-035

DATE: 4-27-84. FILE NO.: 83-035-X

**DORSEY HALL**  
SECTION 1 AREA 4  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

FOR: LUNDY & CLARK BUILDERS, INC.  
P.O. BOX 1018  
Columbia, Maryland 20444

SDP-84-269