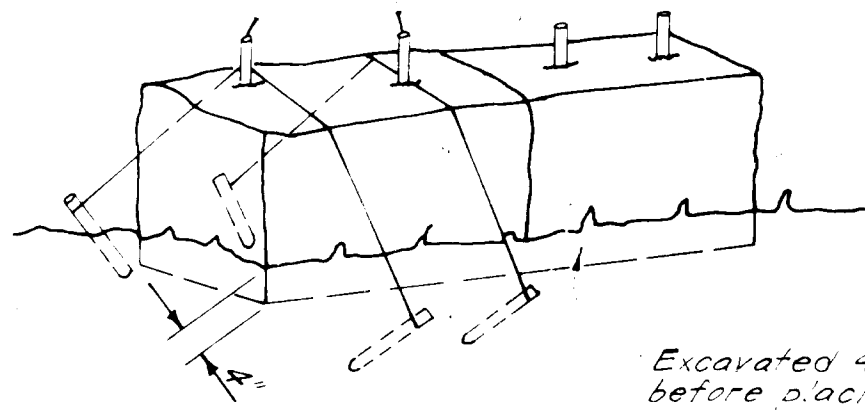


2. Bales shall be tied with 20# weathering materials as wire mesh.

Two repairs of wooden stakes driven through each hole 1/8" - 2" into ground. Repairs to be driven flush with top of bales.

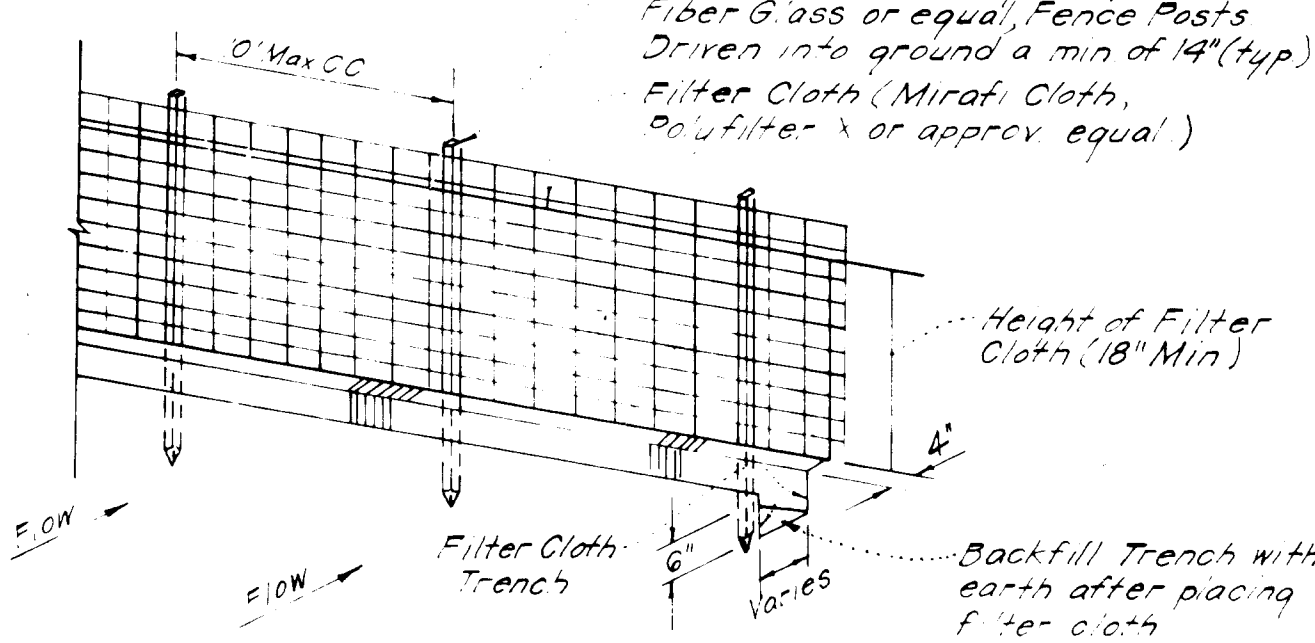


Excavated 4" below ground before placing bales.

Note: In lieu of the use of repairs 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

Woven wire fence - Min 4 gaags, 6" Max spacing.



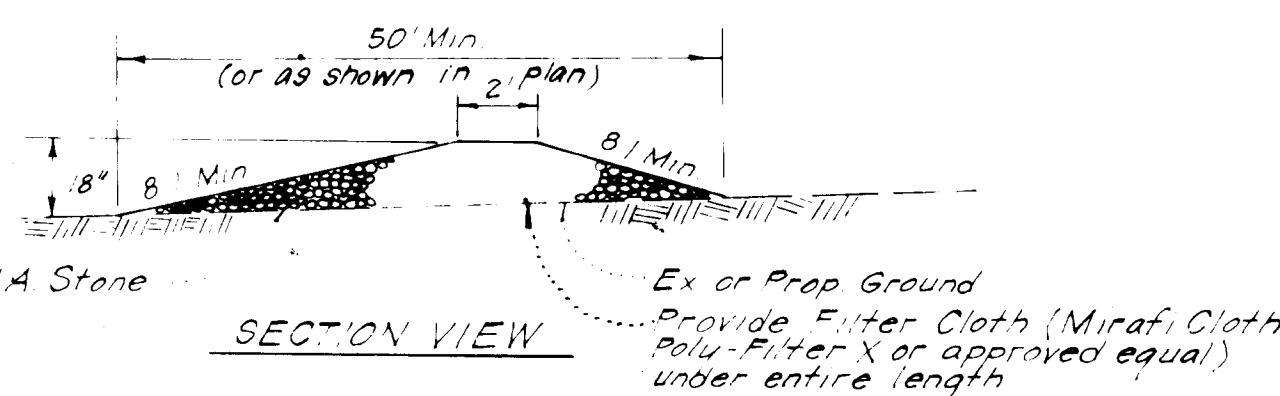
36" Min Metal Heavy Duty Fiber Glass or equal Fence Posts Driven into ground a min of 14" (typ). Filter Cloth (Mirafit Cloth, Poly Filter X or approved equal).

Height of Filter Cloth (18" Min).

Backfill Trench with earth after placing filter cloth.

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 ground by use of wire ties spaced every 24" x 24".

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

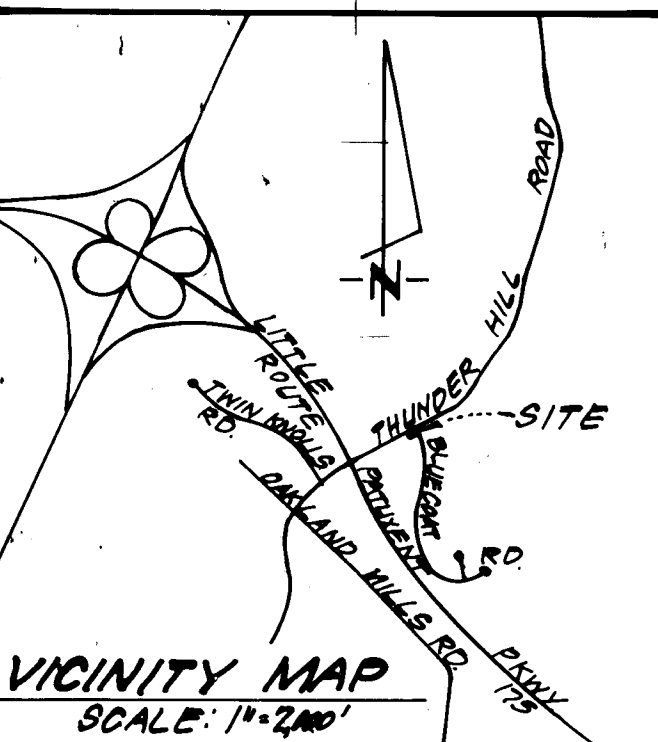


**STONE CONSTRUCTION ENTRANCE (S.C.E.)**  
No SCALE

**LEGEND:**

- Contour Interval 2 Ft.
- Existing Contour 400
- Proposed Contour 400
- Spot Elevation +03.5
- Direction of Drainage
- Stone Construction Entrance
- Straw Bale Dike and/or Silt Fence

| ADDRESS CHART |                    |
|---------------|--------------------|
| LOT N°        | STREET ADDRESS     |
| 1             | 5450 Bluecoat Lane |



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
DATE: 3-5-84  
APPROVED FOR PLANNING & ZONING, HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING.  
DATE: 3-6-84  
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
DATE: 1-27-84  
APPROVED FOR ENGINEERING, HOWARD COUNTY DEPARTMENT OF ENGINEERING.  
DATE: 2-27-84

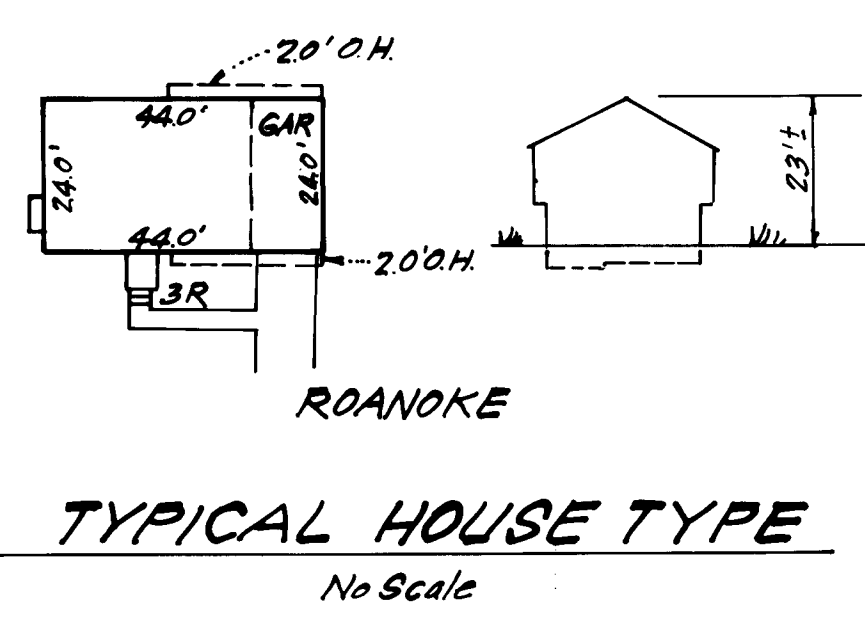
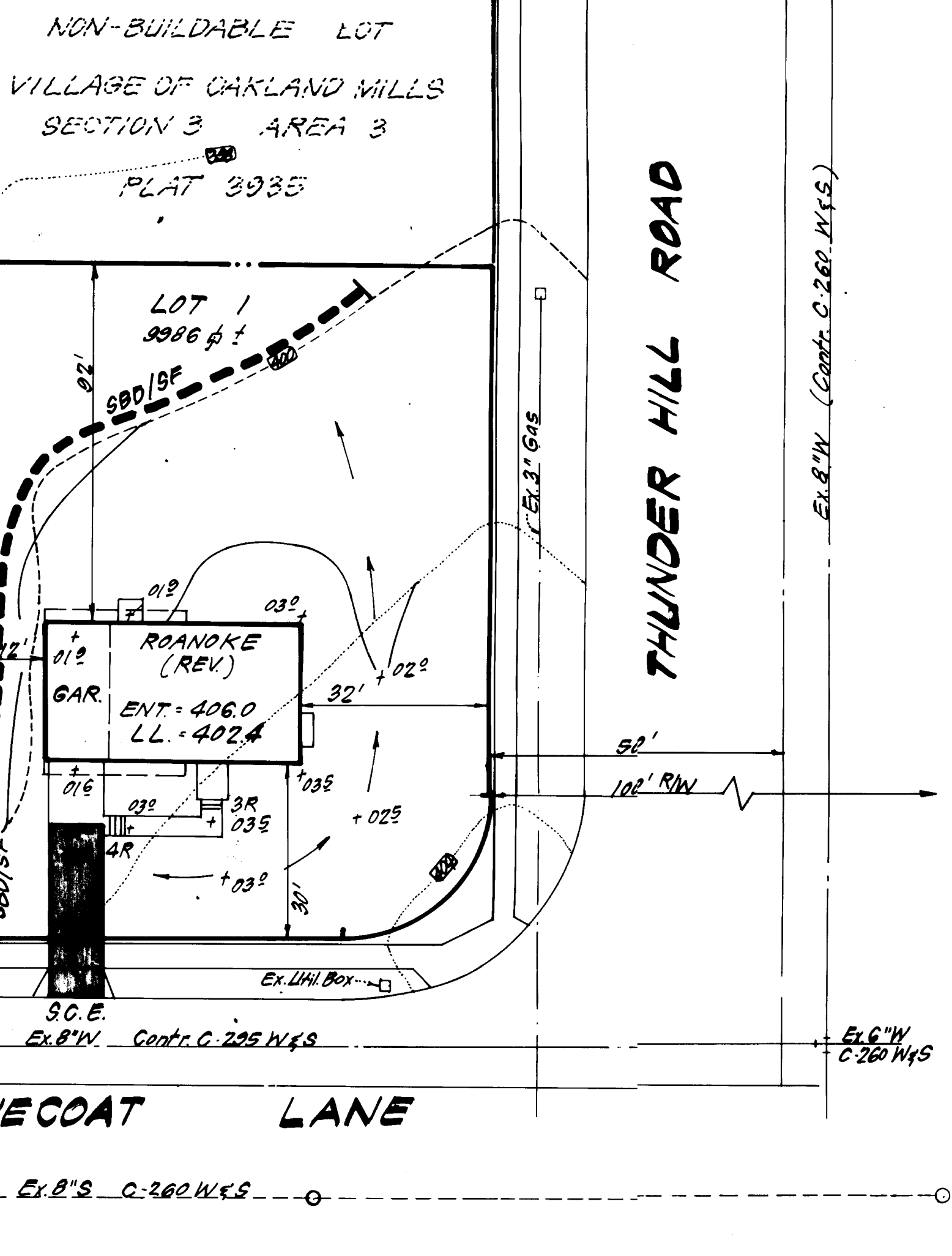
APPROVED DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION, HOWARD COUNTY, MARYLAND.  
DATE: 1-24-84

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

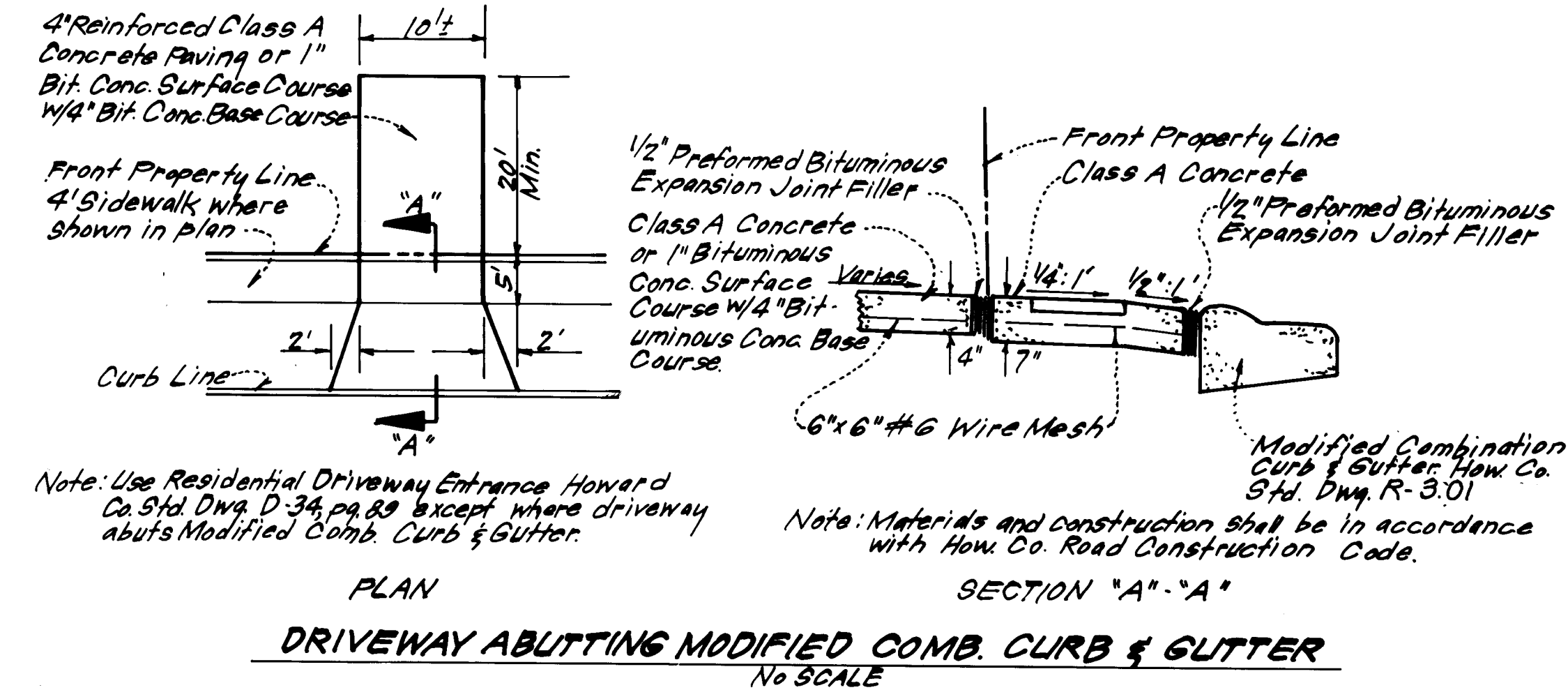
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
DATE: 2-3-84

DEVELOPER'S/BUILDER'S CERTIFICATE: I certify that all development and construction will be done according to this plan of development and construction 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 of their authorized agents, as are deemed necessary.  
DATE: 12-22-83

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: 12-22-83



**TYPICAL HOUSE TYPE**  
No Scale



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

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

**DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER**  
No SCALE

**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 applied at a rate of 14 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 Sediment and Erosion 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 area to be stabilized 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 Fescue, 20% Kentucky 3 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 90 lbs/1000 sq ft.
  - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sq ft. Mulch shall be secured to the ground by any approved method (i.e.; asphalt tacks, chemical broom, etc.)
  - All Seed 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 to include 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 material from this site.
- All pipes to be blocked at the end of each day. See detail this sheet.
- Total Amount of Straw Bales or Silt Fence shown = 144 LF.
- SITE ANALYSIS:
  - Total Area: 0.222 Acres
  - Area to be Roofed: 0.026 Acres
  - Area to be Paved: 0.010 Acres
  - Area to be Seeded: 0.097 Acres
  - Area Undisturbed: 0.096 Acres
- CONSTRUCTION SEQUENCE:
  - Install Sediment & Erosion Control Devices and Stabilize Diversion Dike
  - Excavate for Foundations and Rough Grade
  - Erect Structures, Driveways and Sidewalks
  - Final Grade and Stabilize in accordance with note #6

| SUBDIVISION NAME         |       | DEC./AREA  | LOT |
|--------------------------|-------|------------|-----|
| VILLAGE OF OAKLAND MILLS |       | 3 1/2      | 1   |
| PLAT #                   | BLOCK | ZONE       | PAV |
| 3935                     | 22    | 30         | 6 H |
| WATER CODE               |       | SEWER CODE |     |
| E02                      |       | 561200     |     |

|                                                                                         |                                                                                          |          |  |
|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|----------|--|
| DESIGNED                                                                                |                                                                                          | SCALE    |  |
| J.M.E.                                                                                  | SITE DEVELOPMENT PLAN AND SEDIMENT & EROSION CONTROL PLAN                                | AS SHOWN |  |
| DRAWN                                                                                   |                                                                                          | DRAWING  |  |
| V.L.B.                                                                                  | COLUMBIA                                                                                 | 10E1     |  |
| CHECKED                                                                                 |                                                                                          | JOB NO.  |  |
| J.M.E.                                                                                  | VILLAGE OF OAKLAND MILLS SECTION 3 AREA 3 CITY ELECTION DISTRICT HOWARD COUNTY, MARYLAND | 83-087   |  |
| DATE                                                                                    |                                                                                          | DATE     |  |
| FOR: The Ryland Group, Inc. One Kendall North Drive, Suite 503 Columbia, Maryland 21045 |                                                                                          | 83-087-X |  |