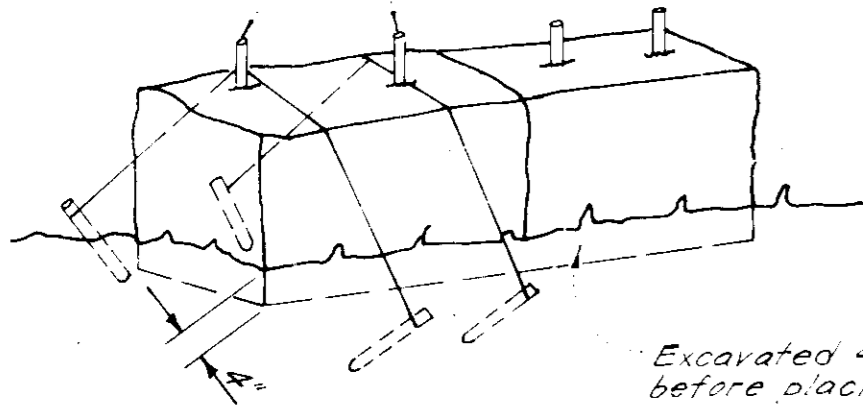


3. Bales should be tied with 20# weathering materials, i.e. wire or nylon

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



Excavated 4" below ground before placing bales

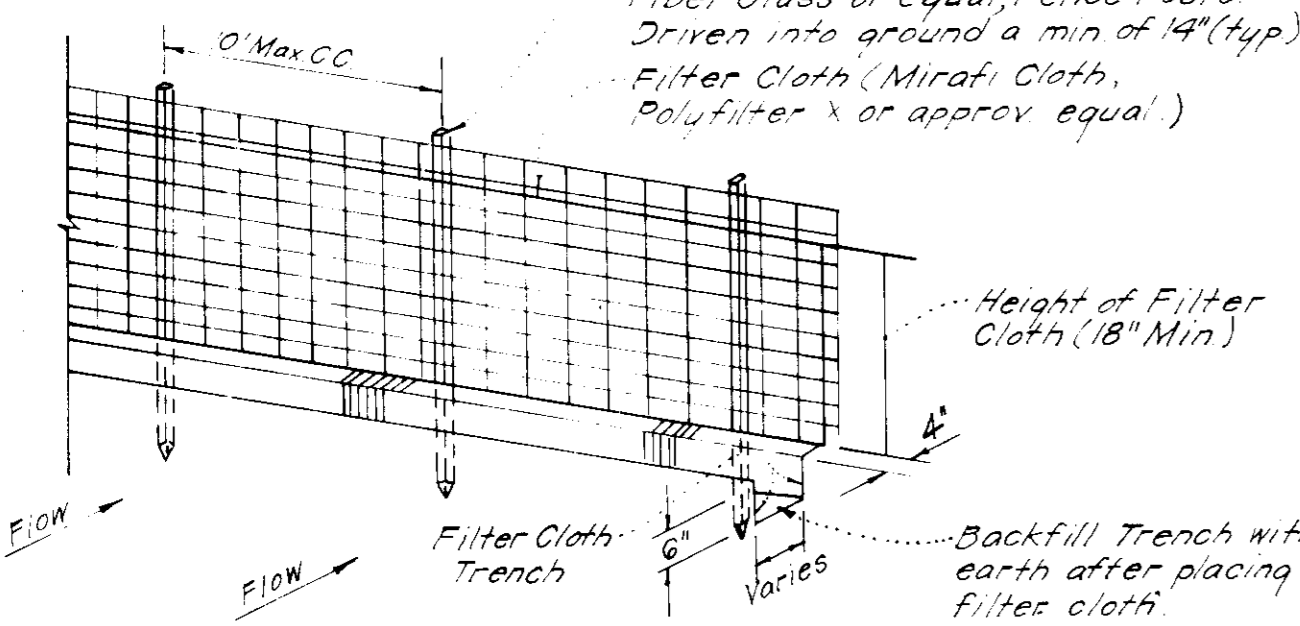
Note: In lieu of the use of rebar, each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above)

STRAW BALE DIKE DETAIL (S.B.D.)

No SCALE

Woven wire fence - Min. 4 gauges; 6" Max. spacing

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



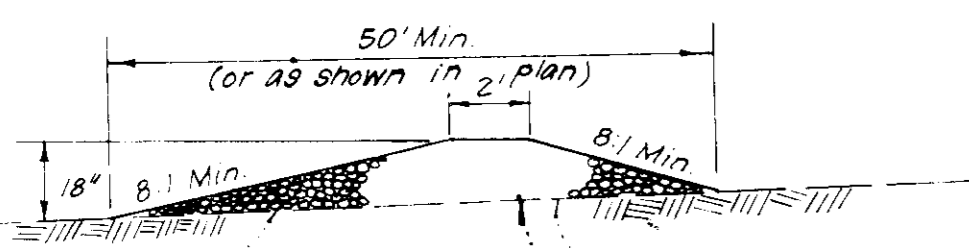
Height of Filter Cloth (18" Min)

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 Woven Wire by use of wire ties spaced every 24"x24"

SILT FENCE DETAIL (SF)

No SCALE

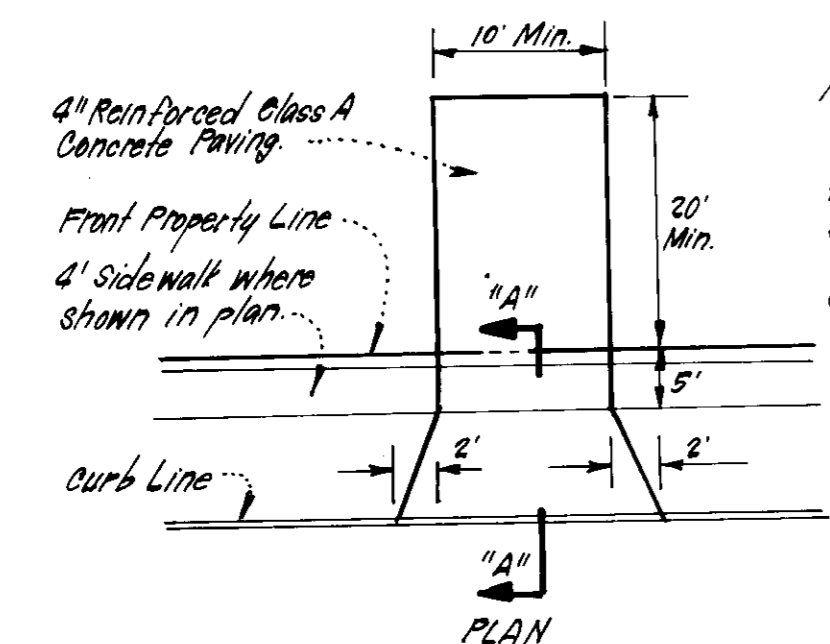


SECTION VIEW
No. 2 MSHA Stone
Ex or Prep Ground Provide Filter Cloth (Miraf, Cloth, Poly Filter X or approved equal) under entire length

STONE CONSTRUCTION ENTRANCE (SCE)

No SCALE

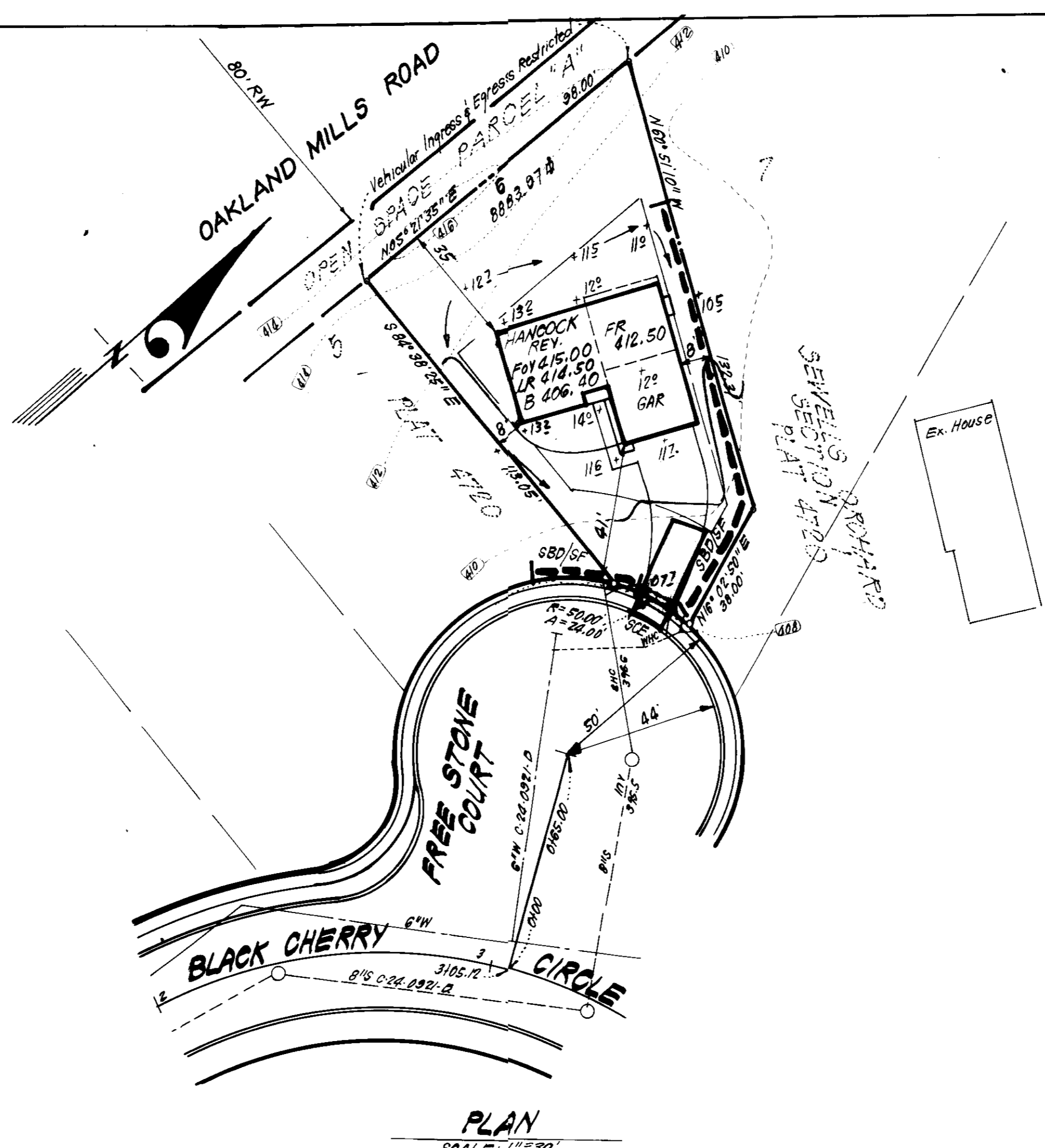
Reviewed for HOWARD COUNTY, M.D.
Name: [Signature]
Signature: [Signature]
Date: 7-7-83
U.S. Soil Conservation Service
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE: 7-14-83
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE: July 11, 1983
DATE: 7-11-83



Note: Materials and Construction shall be in accordance with Ho. Co. Road Construction Code.
1/2" Preformed Bituminous Expansion Joint Filler
Class A Concrete
1/4" Reinforced Class A Concrete Paving
Front Property Line
4" Sidewalk where shown in plan
Curb Line
10" Min.
20" Min.
5"
2"
1/4"
1/4"
6" 1/2" #6 Wire Mesh
SECTION "A-A"
Silt/Combination Curb & Gutter: Ho. Co. Std. DWG. R-3.01

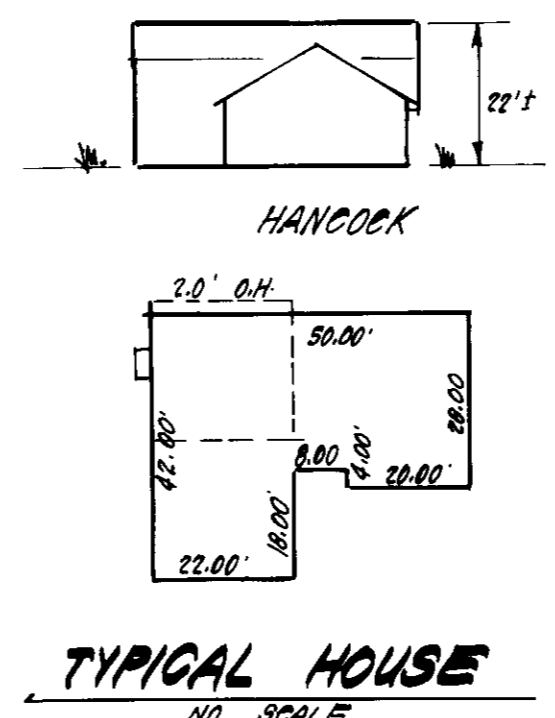
DRIVEWAY ABUTTING STD 7" COMB. CURB & GUTTER

No SCALE



PLAN

SCALE: 1"=30'



TYPICAL HOUSE

No SCALE

SEDIMENT & EROSION CONTROL 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 and applied at a rate of 14 lbs/1000 sf
- Notify the Bureau of Inspections and Permits at least 24 hrs before starting any work
- All Sediment Control Practices 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:
A. Seed - certified 85% germination applied at the rate of 3 lbs/1000 sf. Mixture - 20% Kentucky Blue, 20% Chewy Fescue, 20% Kentucky 31 and 20% annual ryegrass
B. Fertilizer - 10-10-10 applied at a rate of 23 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, e.g. sodmat, tack chemical, binder, etc.
D. All Soil 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 and to be kept 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 off-site waste or borrow area prior to the import of any borrow or export of waste from this site
- All pipes to be blocked at the end of each day. See detail this sheet N.A.
- Total Amount of Straw Bales or Silt Fence shown = 150' =
- SITE ANALYSIS:
A. Total Area: 0.204 Acres
B. Area to be Roofed: 0.039 Acres
C. Area to be Paved: 0.019 Acres
D. Area to be Seeded: 0.102 Acres
E. Area Undisturbed: 0.044 Acres
- 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

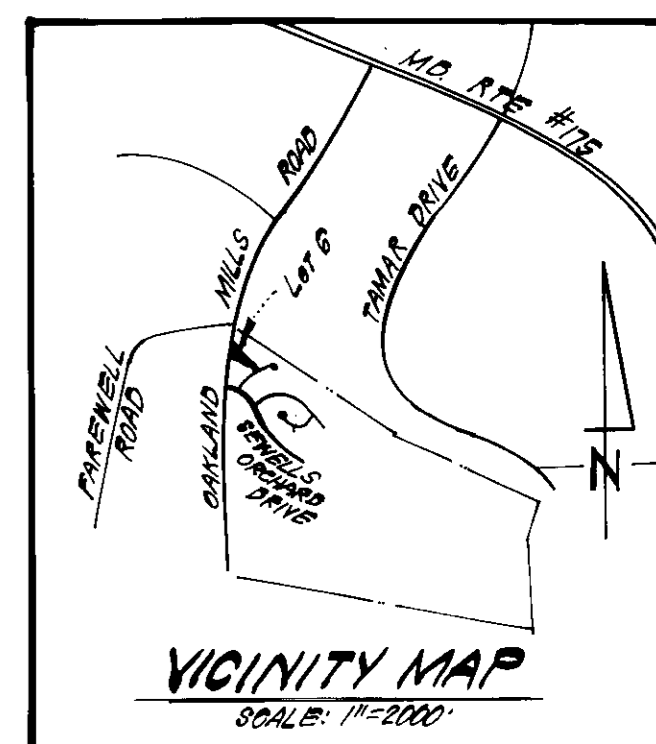
GENERAL NOTES

- The land included in this plan is zoned RSC, per 10-3-77 Comprehensive Zoning Plan.
- All coordinates are based on Howard County Control Station "Sewell"
- The area covered in this submission is located on Tax Map No. 36, Parcel 247.
- All roadways are public & existing.
- Any damage to county owned rights of way shall be corrected at the developer's expense.

LEGEND:

- Contour Interval: 2' F
- Existing Contour: - - - - -
- Proposed Contour: - - - - -
- Spot Elevation: 105
- Direction of Drainage: - - - - -
- Straw Bale Dike or Silt Fence: - - - - -
- Stone Construction Entrance: SCE

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 6-27-83
[Signature]



VICINITY MAP

SCALE: 1"=2000'

PLAT REF: PLAT 4720

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
13315 LOCKWOOD DRIVE
COLUMBIA, MARYLAND 21044
101-594-1314

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.

SITE DEVELOPMENT PLAN & SEDIMENT & EROSION CONTROL PLAN
LOT 6
SEWELL'S ORCHARD
SECTION 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: DIVERSIFIED HOUSING CORP.
Suite 211 American City Bldg.
Columbia, Md. 21044

DESIGNED: VLS
CHECKED: VLS
DATE: 6-17-83

SCALE: AS SHOWN
DRAWING: 10/F1
JOB NO: 81-025
DATE: 81-025-X

I certify that all development and construction will be done in accordance with this plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this project shall possess a Certificate of Attendance at a Dept. of Natural Resources Training Program for the control of Sediment and Erosion. I will maintain periodic consultation with the Howard Soil Conservation District or their field agents, as are deemed necessary.

Paul Montgomery
Signature of Developer/Builder
Date: 6/17/83

G. Nelson Clark 6-17-83
G. Nelson Clark Date