

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
C. Wayne Ray 7-19-78
Signature Date
U.S. Soil Conservation Service

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

W. E. E. P. Approved 7-18-78 Date

DEVELOPER'S CERTIFICATE

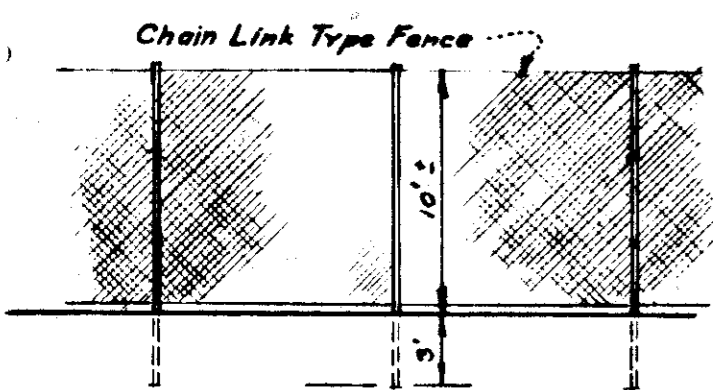
I hereby certify that all development and/or construction operations according to the plan of development submitted for Erosion and Sediment Control, and I also certify that periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as are deemed necessary. Deviation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

Robert Gow 7-14-78
Signature Date
Robert Gow

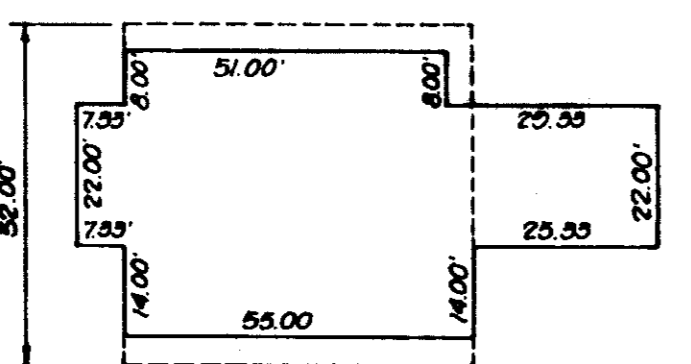
ENGINEER'S CERTIFICATE

I hereby certify that this plan for Erosion and Sediment Control represents a true and available 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.

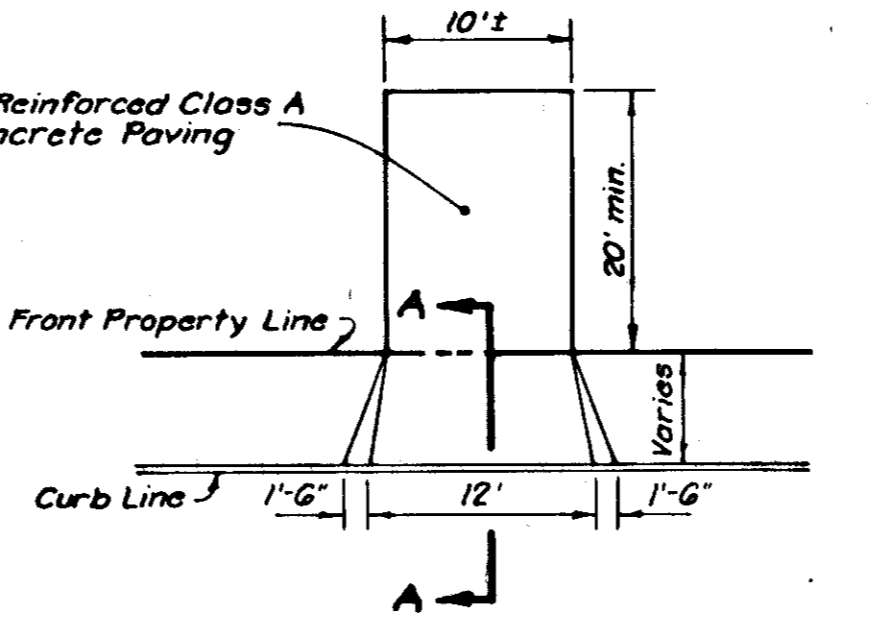
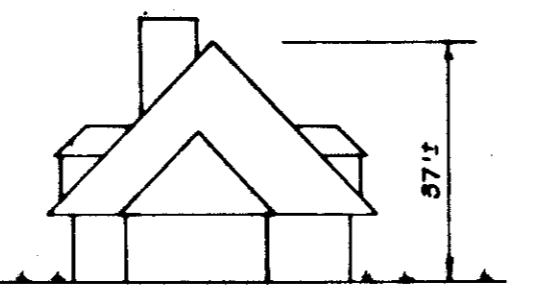
S. Nelson Clark 6-14-78
Signature Date
S. Nelson Clark



TENNIS COURT FENCE DETAIL
NO SCALE

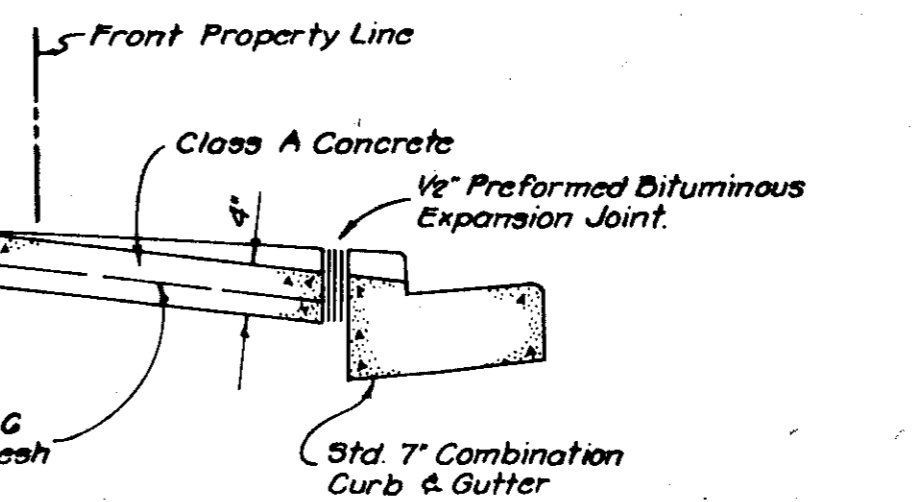


TYPICAL HOUSE
NO SCALE



NOTE: Use Residential Driveway Entrance, Howard Co. Dwg. D-34, pg. 89.

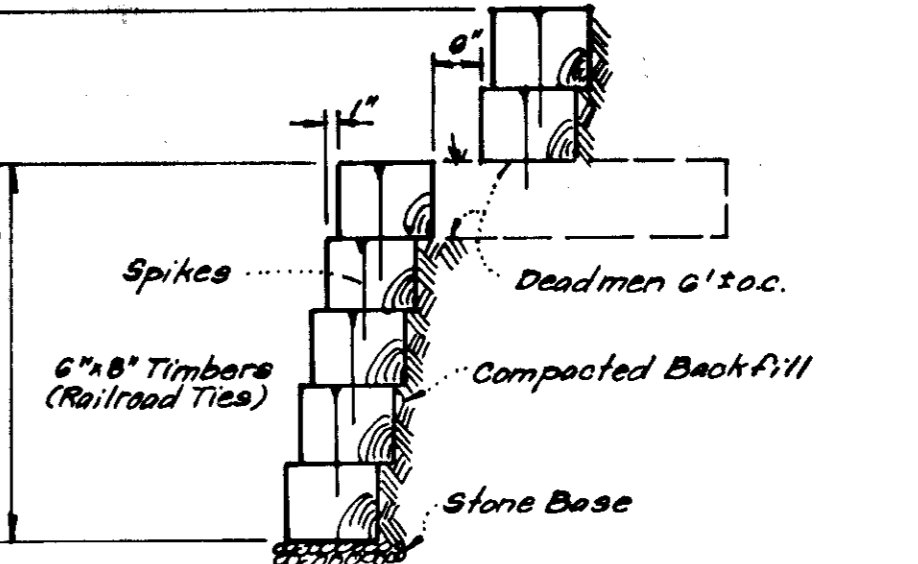
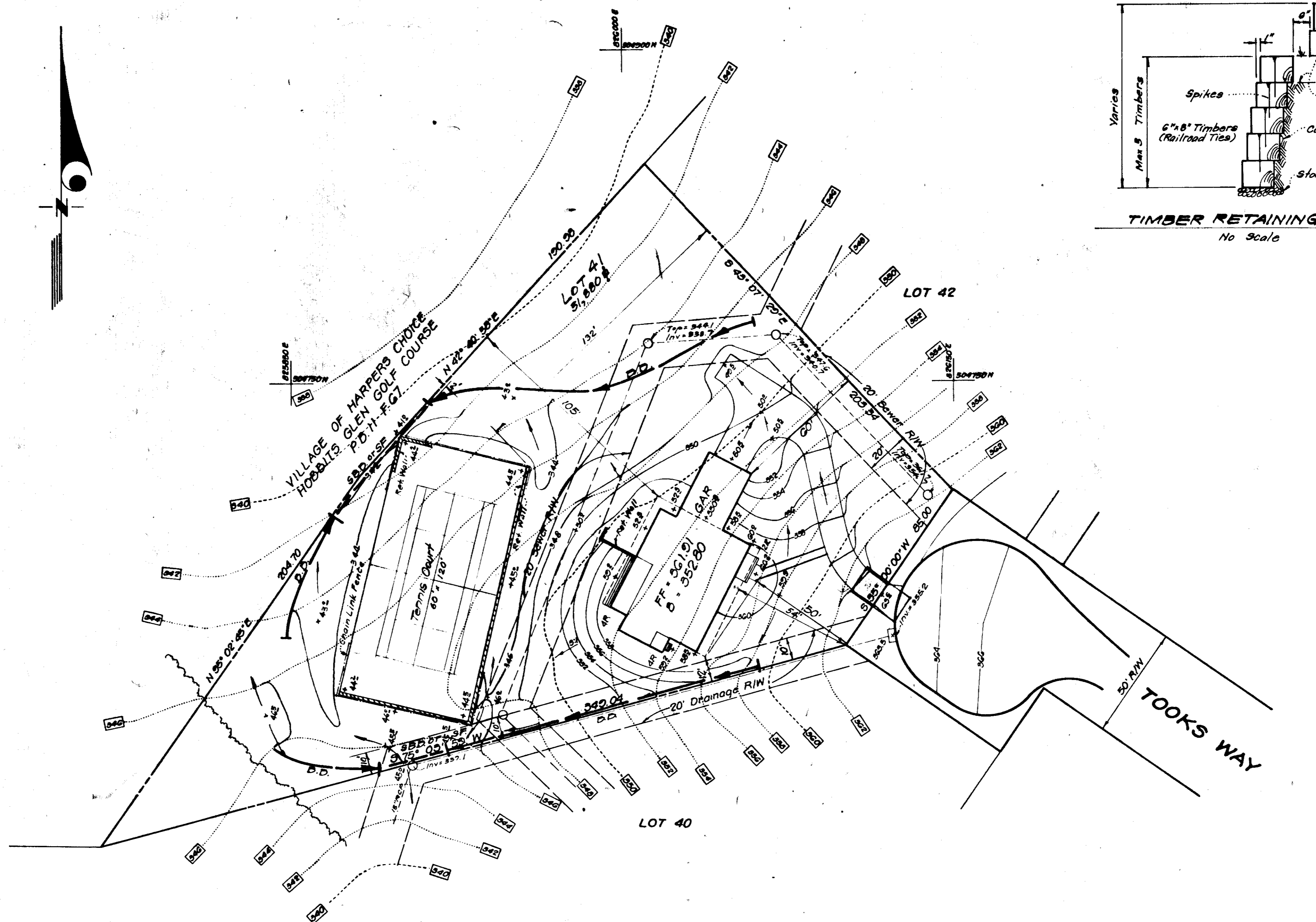
PLAN



NOTE: All Materials & Construction shall be in accordance with Howard Co. Road Construction Code.

SECTION A-A

DRIVEWAY ENTRANCE DETAIL
No Scale



TIMBER RETAINING WALL
No Scale

LEGEND

- Contour Interval: 2 Ft.
- Existing Contour: Dashed line
- Proposed Contour: Solid line
- Spot Elevation: + 02.2
- Direction of Drainage: Arrow
- Existing Trees to be Retained: Circle with 'X'
- Yard Requirements: Front: 20' min., Side: 7.5' min.
- Retaining Wall: Hatched area
- Diversion Dike: D.D.
- Straw Bale Dike or Silt Fence: S.B.D. or S.F.
- Stone Construction Entrance: Solid line with hatching

GENERAL NOTES

- The Land included in this Plan is zoned New Town (S.F.L.D.)
- The Lot shown on this plan is covered by Final Development Plan Phase 130 recorded in Plat Book 28 Folios 57 to 59
- All coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
- The Area covered in this submission is located on Tax Map # 29
- The Total Area included in this Plan is 1.191 Acres.
- Any damage to County Owned Right of Ways or Paving shall be corrected at the developer's expense.
- Lot 41 is recorded in Plat 5849.
- Coverage of Lot including S.F.D. & Tennis Court is 21 %

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE: 7-5-78



For: Robert and Joyce Gow

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joyce Gow 7-24-78
Signature Date
Joyce Gow
HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
William J. Kammala 7-31-78
Signature Date
William J. Kammala
PLANNING DIRECTOR

Richard E. Breidenberg 7-27-78
Signature Date
Richard E. Breidenberg
CHIEF DIVISION OF LAND DEVELOPMENT

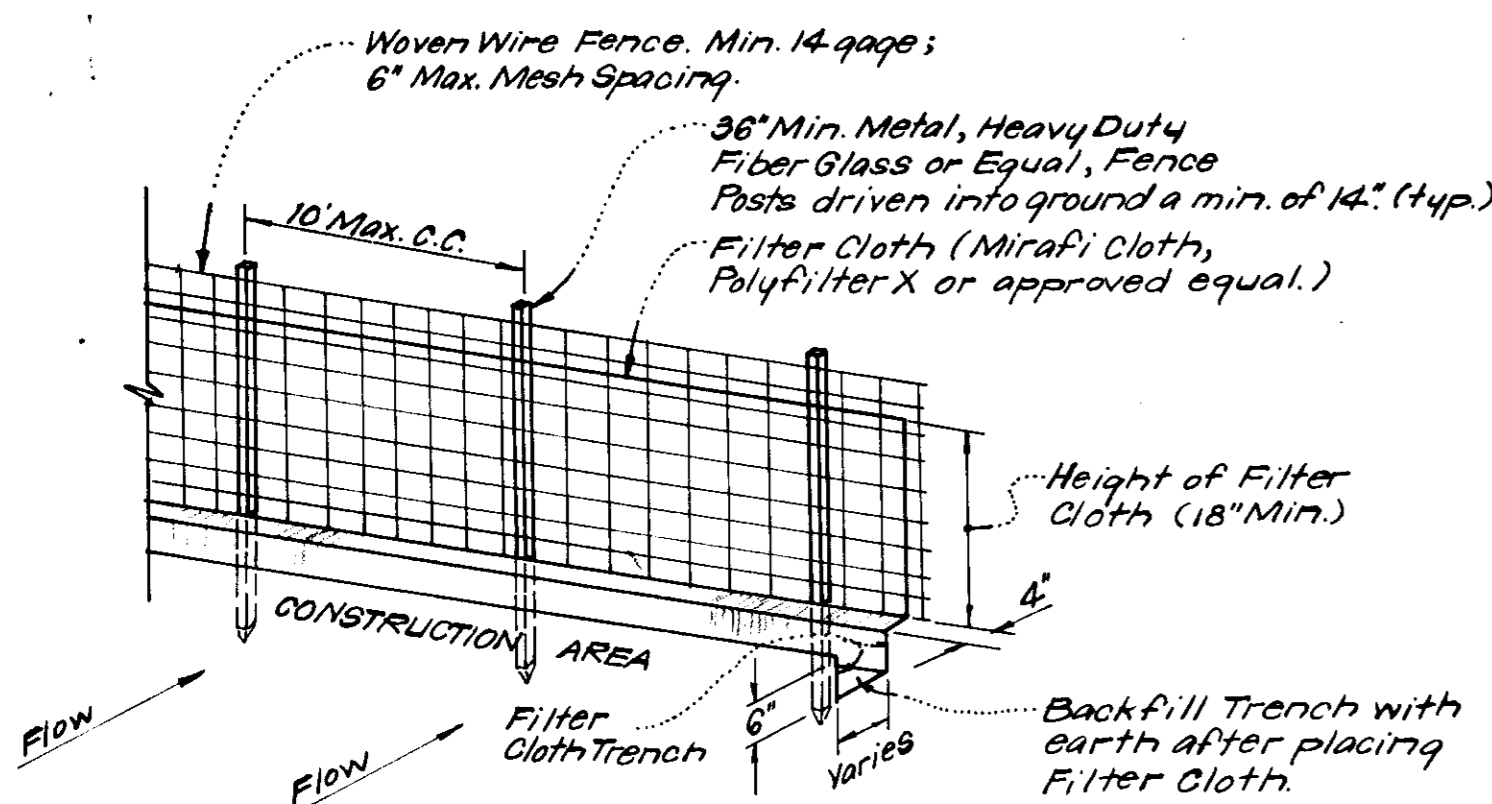
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard E. Breidenberg 7/27/78
Signature Date
Richard E. Breidenberg
DIRECTOR

W. O. Sackett 7-22-78
Signature Date
W. O. Sackett
CHIEF BUREAU OF ENGINEERING

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400	
DESIGNED <u>J.M.E.</u>	SITE DEVELOPMENT PLAN LOT 41 COLUMBIA VILLAGE OF HARPER'S CHOICE SECTION 2 AREA 4 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND % RYLAND GROUP INCORPORATED 10221 Winopin Circle Columbia, Maryland 21044
DRAWN <u>J.M.E.</u>	
CHECKED <u>D.B.S.</u>	
DATE June, 1978	
SCALE 1" = 30'	DRAWING 1 of 2
JOB NO. 78-1071	FILE NO. 1350-X

GENERAL NOTES

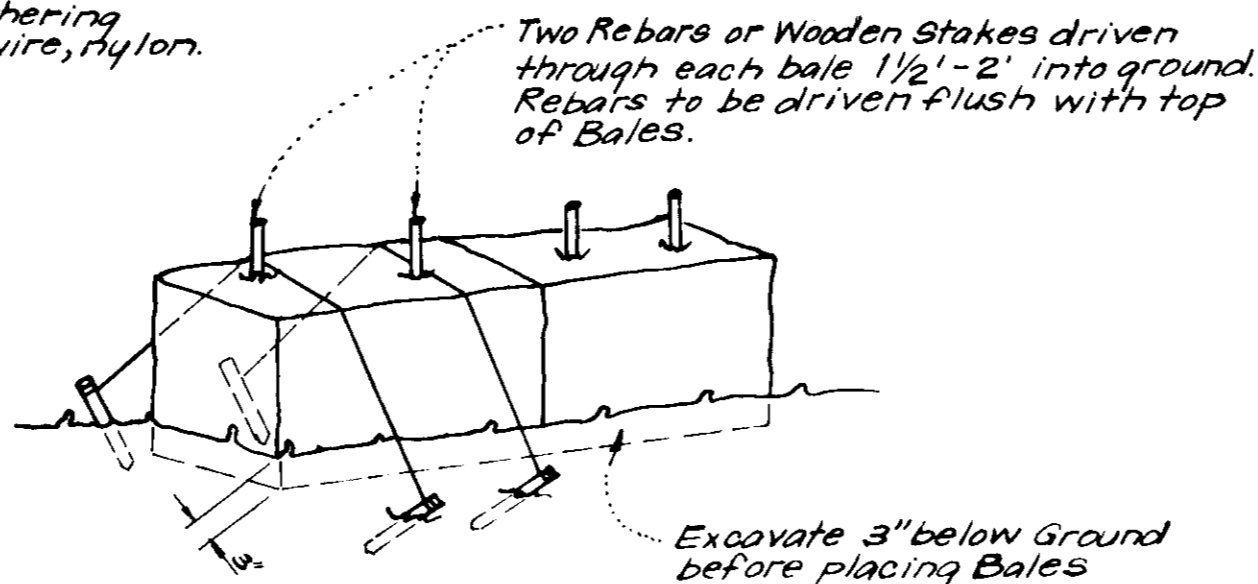
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at a rate of 1.4 lbs/1000 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% Chewings 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.
- Stone Construction Entrances shall be placed at all construction entrances.
 - Total Area = 1.13 Acres
 - Area to be Roofed = 0.07 Acres
 - Area to be Paved = 0.05 Acres
 - Area to be Seeded = 0.87 Acres
 - Area Undisturbed = 0.20 Acres
- CONSTRUCTION SEQUENCE:
 - 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 #5.



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

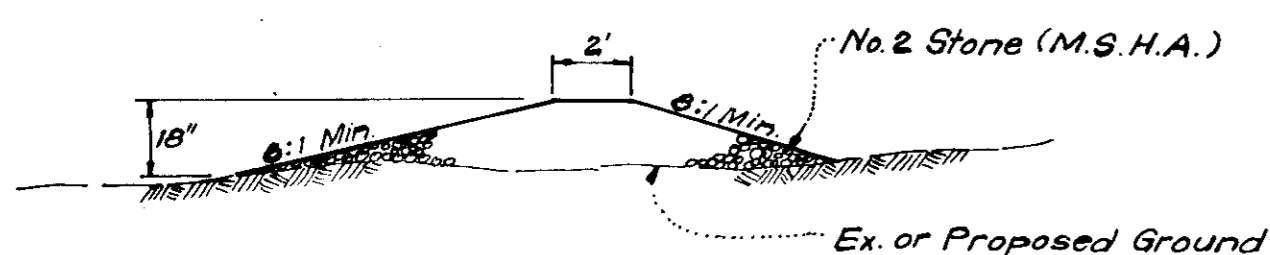
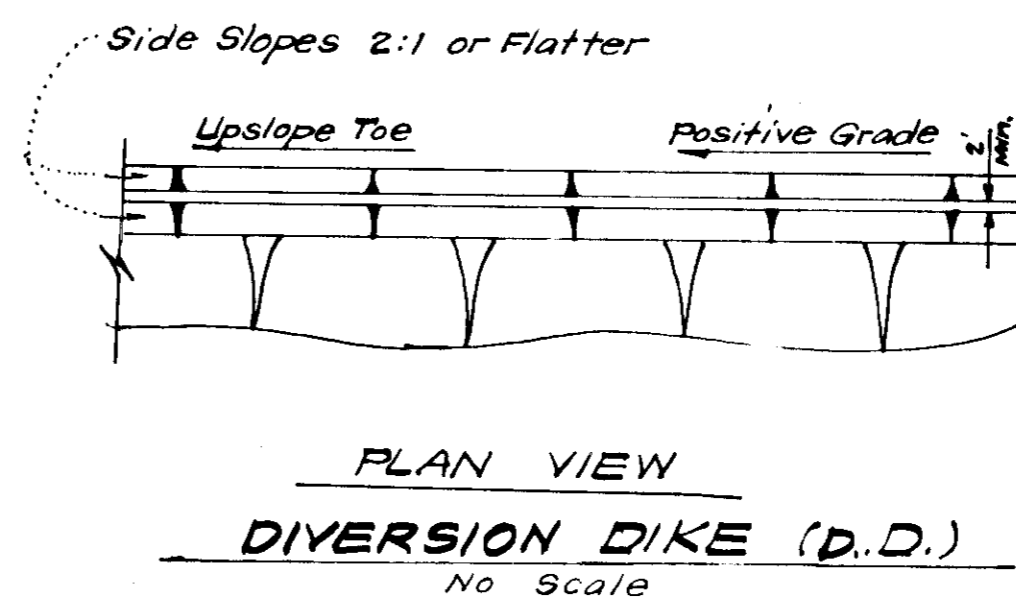
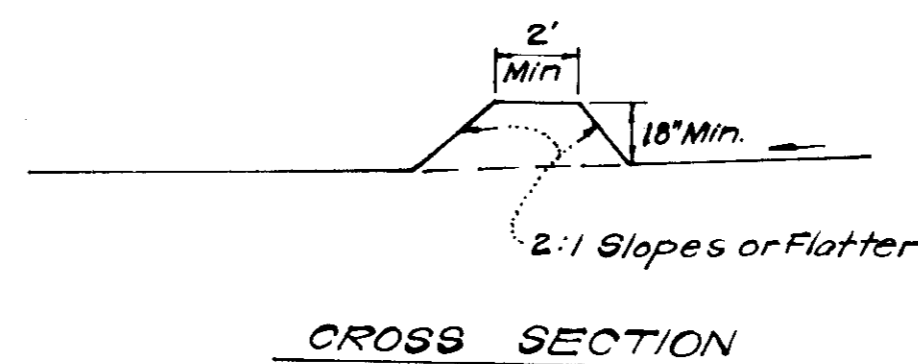
SILT FENCE DETAIL (S.F.)
NO SCALE

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



- NOTE:
- 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



SECTION VIEW
STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
NO SCALE

APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 7-5-78

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
John Boyer 7-22-78
HEALTH OFFICER DATE

APPROVED HOWARD COUNTY, OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE
John W. Muschler 7-31-78
CHIEF, DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard E. Freudenberger 7/27/78
DIRECTOR DATE

W. J. Sackett 7-26-78
CHIEF BUREAU OF ENGINEERING DATE

Reviewed for... *Howard* S.C.D.
Name
and meets Technical Requirements
C. Wagner King 7-18-78
Signature Date
U.S. Soil Conservation Service

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Wes Epp Approved 7-18-78 Date

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Robert Gaw 6-11-78
Signature Date
Robert Gaw

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.

W. Nelson Clark 6-11-78
Signature Date
W. Nelson Clark



FOR: Robert and Joyce Gaw

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

DESIGNED J.M.E.	SEDIMENT & EROSION CONTROL LOT 41	SCALE As Shown
DRAWN K.I.W.	COLUMBIA	DRAWING 2 of 2
CHECKED D.B.S.	VILLAGE OF HARPER'S CHOICE SECTION 2 AREA 4 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 78-1071
DATE June, 1978	9% RYLAND GROUP INCORPORATED 10221 Windopin Circle Columbia, Maryland 21044	FILE NO. 1350-X

SDP-78-120c