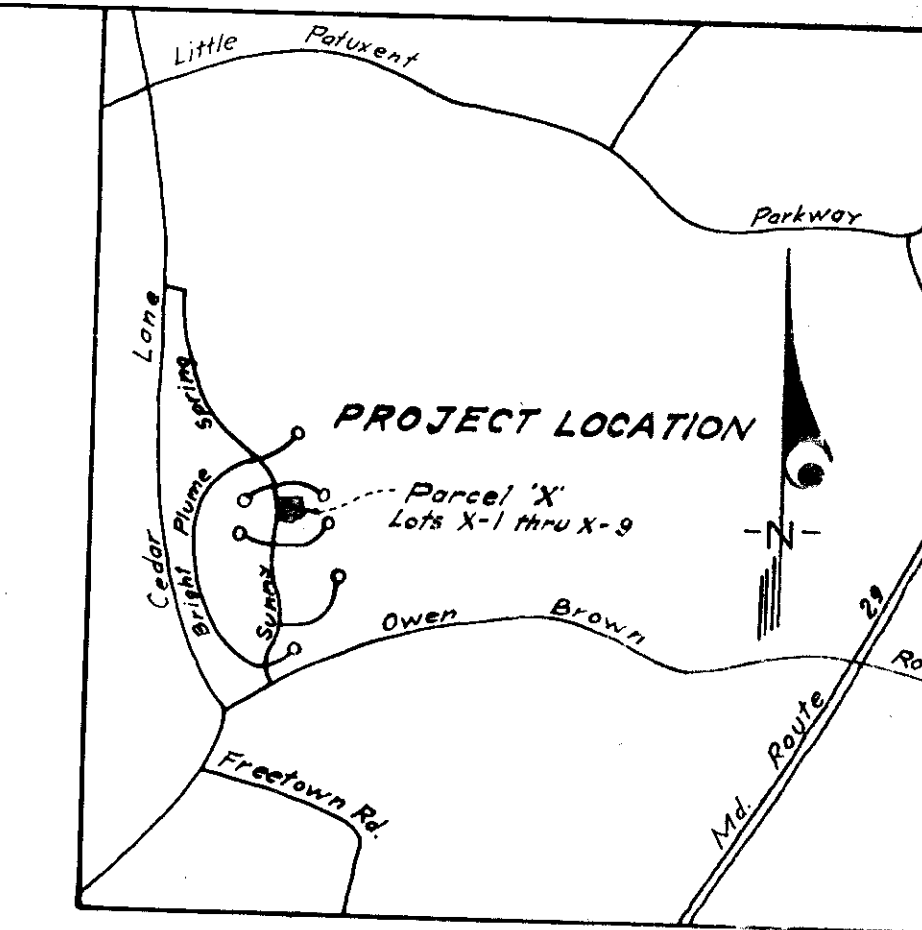


PARKING COURT DETAIL
No SCALE

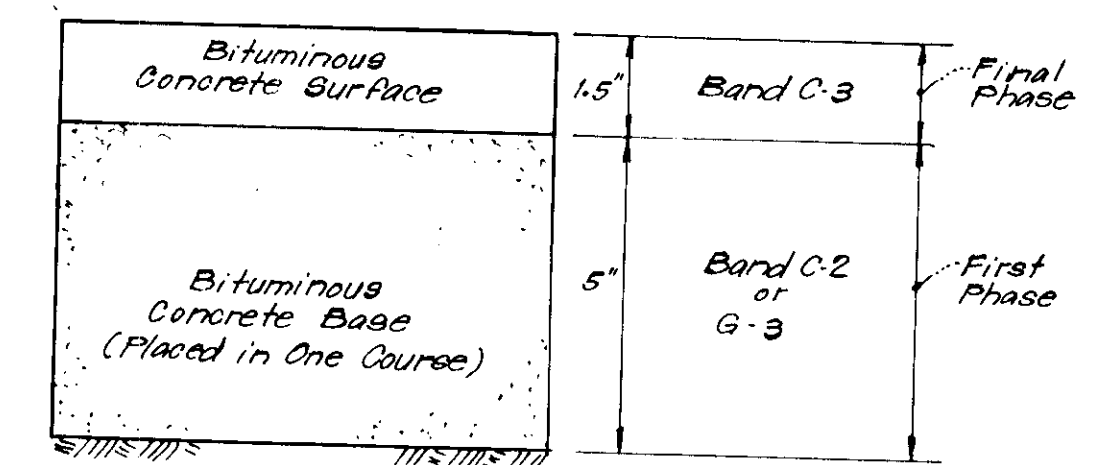
- LEGEND**
- 1. Contour Interval 2 FT
 - 2. Existing Contours ---
 - 3. Proposed Contours ---
 - 4. Spot Elevation +20E
 - 5. Direction of Drainage →
 - 6. Screen Fence Location [Symbol]
 - 7. Walk-out Basement [Symbol]
 - 8. Timber Retaining Wall 2' max. Ht. [Symbol]



VICINITY MAP
SCALE = 1" = 200'

GENERAL NOTES

1. The land included in this plan is zoned New Town (S.F.M.D.)
2. The Lots shown on this plan are covered by Final Development Plan Phase 100-A recorded in Plat Book 20 Folios 149 to 157.
3. All coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1929.
4. The Area covered in this submission is located on Tax Map No. 35
5. The total Area included in this plan is 1.825 Acres.
6. Public Water and Sewer to be utilized.
7. 24 Foot Driveways, Carports and Parking Space are to be privately owned and maintained.
8. All public facilities shown are existing, i.e. roads, storm drain lines, water and sewer lines and easements. Sidewalk shown on Sunny Spring was taken from the approved Construction Plans.
9. Recording Reference: Lots X-1 thru X-9 are recorded in Plat # 356E.
10. Parking Spaces Required: 16
11. Parking Spaces Provided: 19

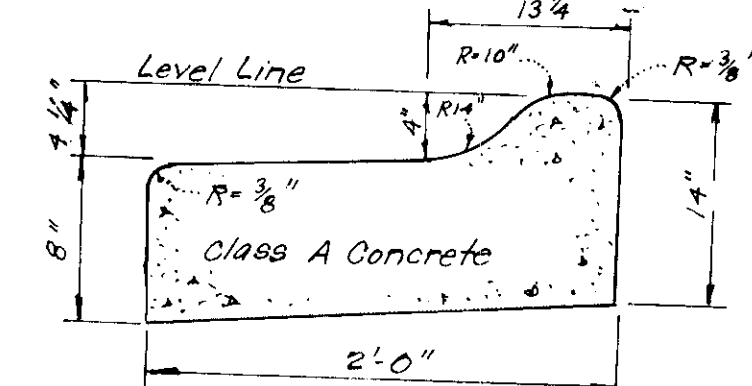


Clearing and Grading
Subgrade
Base Course
Surface Course

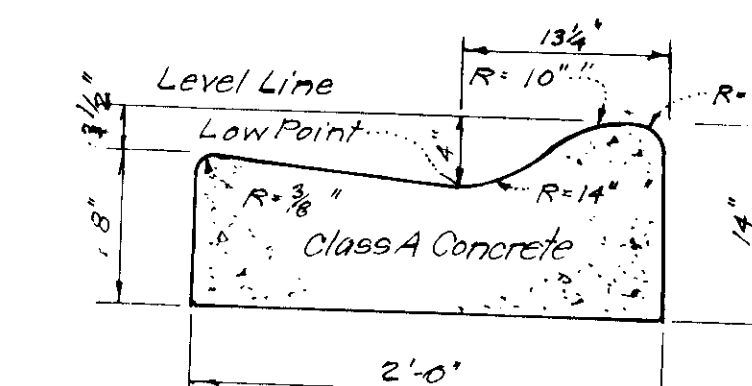
Article C-1
Article C-2
Article C-31 or C-33
Article C-31

To be constructed in accordance with the Howard County Road Construction Code and Specifications

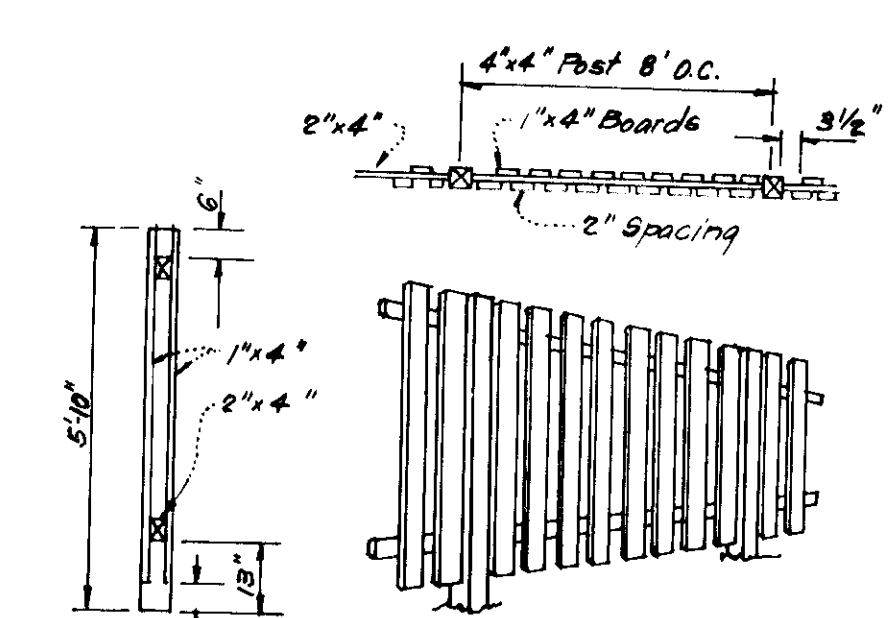
PAVEMENT REPLACEMENT FOR ENTRANCES INTO PUBLIC ROADS
No SCALE



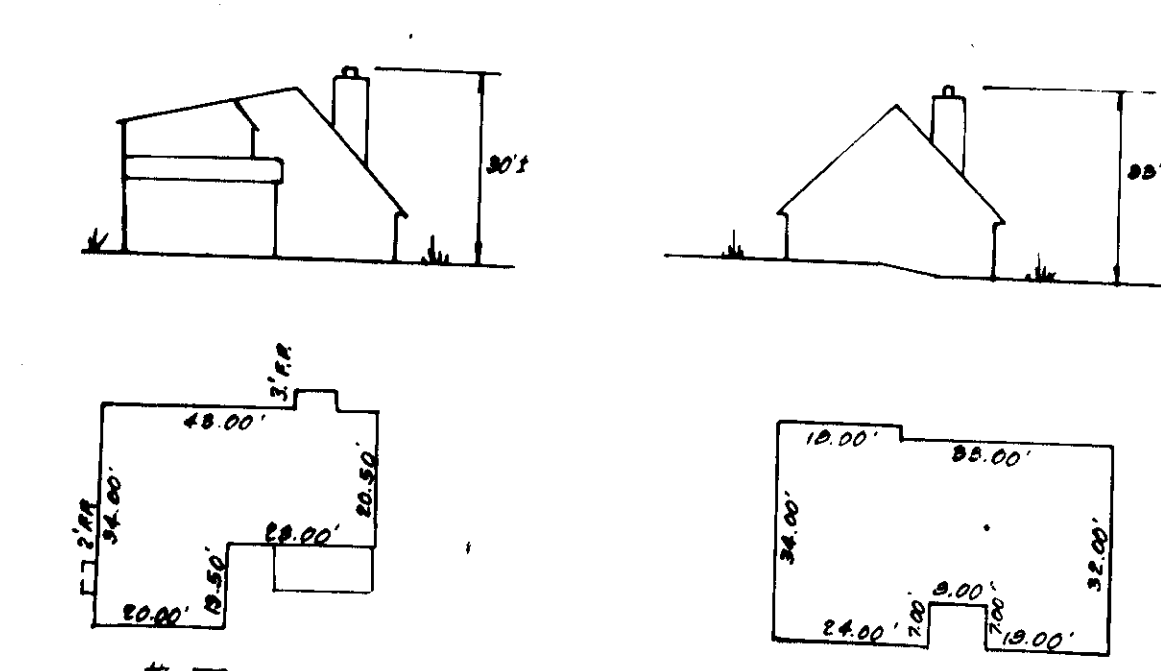
MODIFIED COMBINATION CURB & GUTTER (REVERSED)
No SCALE



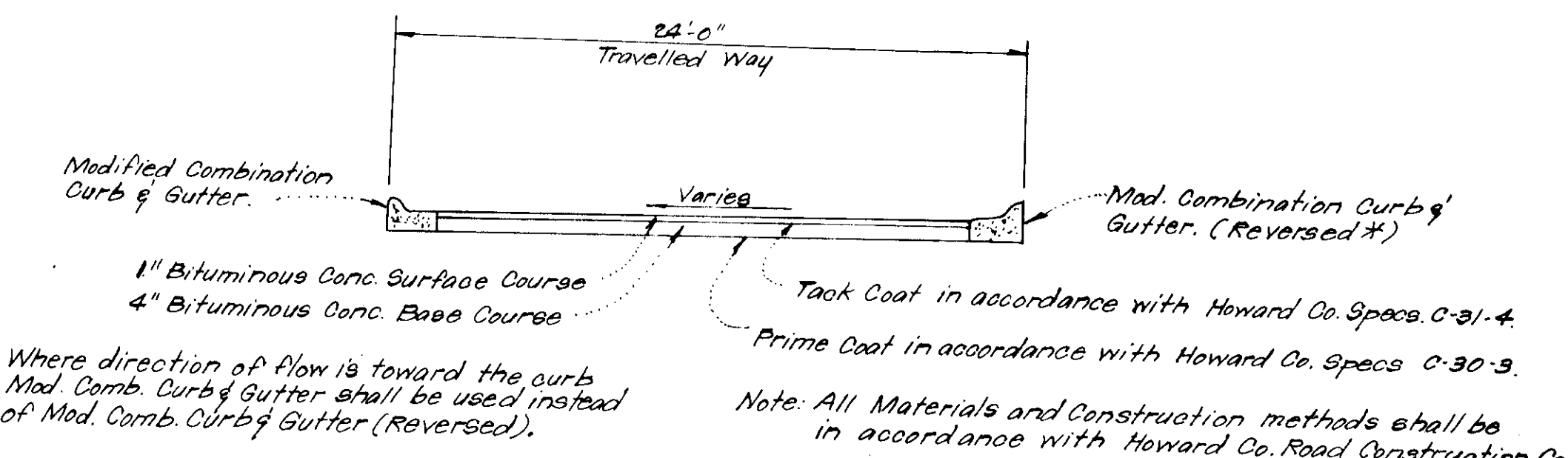
MODIFIED COMBINATION CURB & GUTTER
No SCALE



TYPICAL FENCE DETAIL
No SCALE



TYPICAL HOUSES
No Scale



TYPICAL PAVING SECTION - PRIVATE DRIVE
No SCALE

* NOTE: Where direction of flow is toward the curb Mod. Comb. Curb & Gutter shall be used instead of Mod. Comb. Curb & Gutter (Reversed).

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

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

PLANNING DIRECTOR _____ DATE _____

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

DIRECTOR _____ DATE _____

CHIEF BUREAU OF ENGINEERING _____ DATE _____

* This plan valid for Sediment & Erosion Control Only. See SDP-79-45 for revised Bldg. Locations.

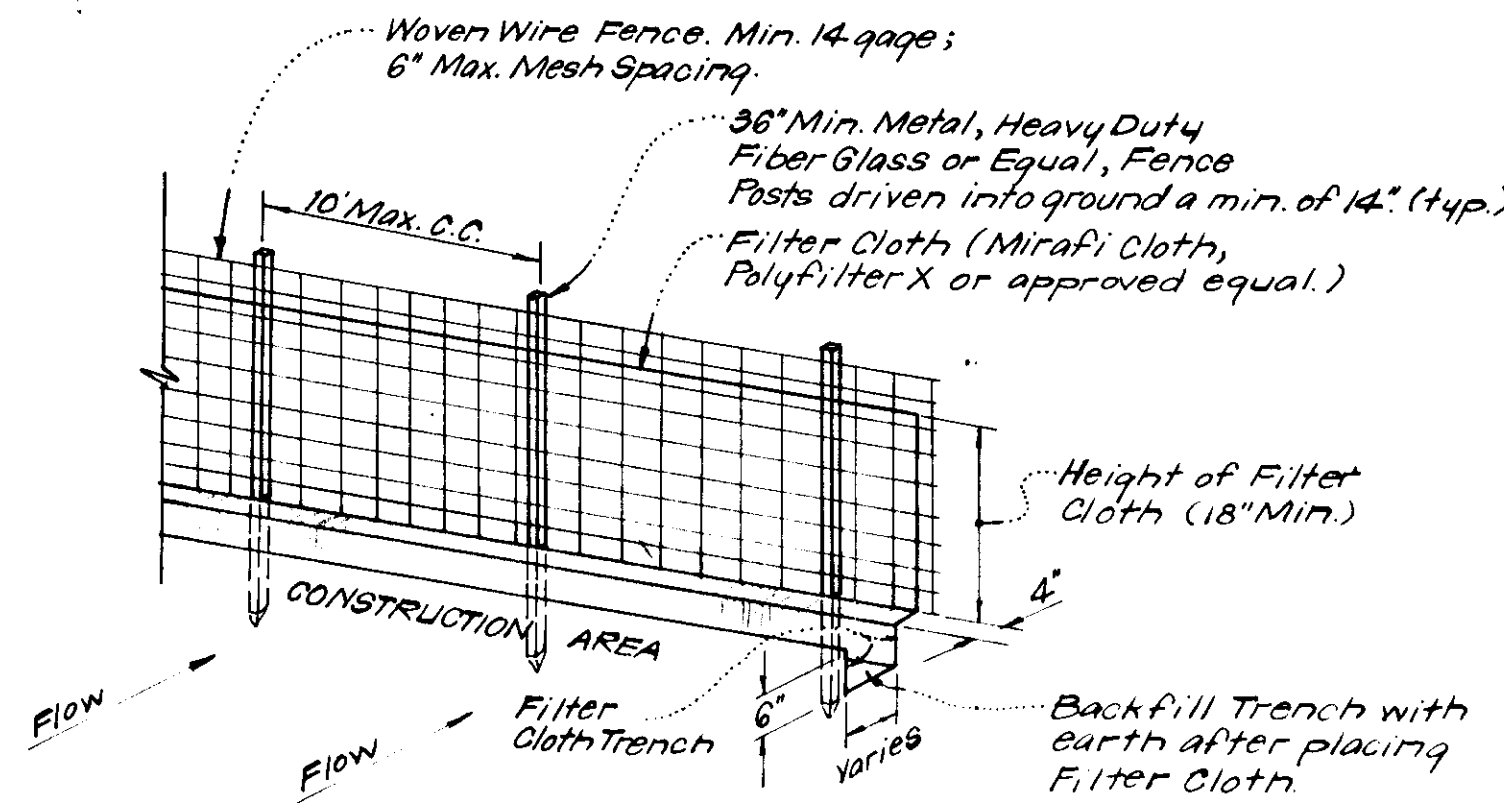
Donald B. Sackett

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

DESIGNED WHT	SITE DEVELOPMENT PLAN LOTS X-1 THRU X-9 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION-1 AREA-1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'	
DRAWN WHT/RW		DRAWING 1 of 3	
CHECKED WHT		JOB NO.	
DATE Feb, 1978		FOR: M'CUAN ASSOCIATES OF MARYLAND INC. Teachers Building Columbia, Maryland 21044	FILE NO. 1335-X

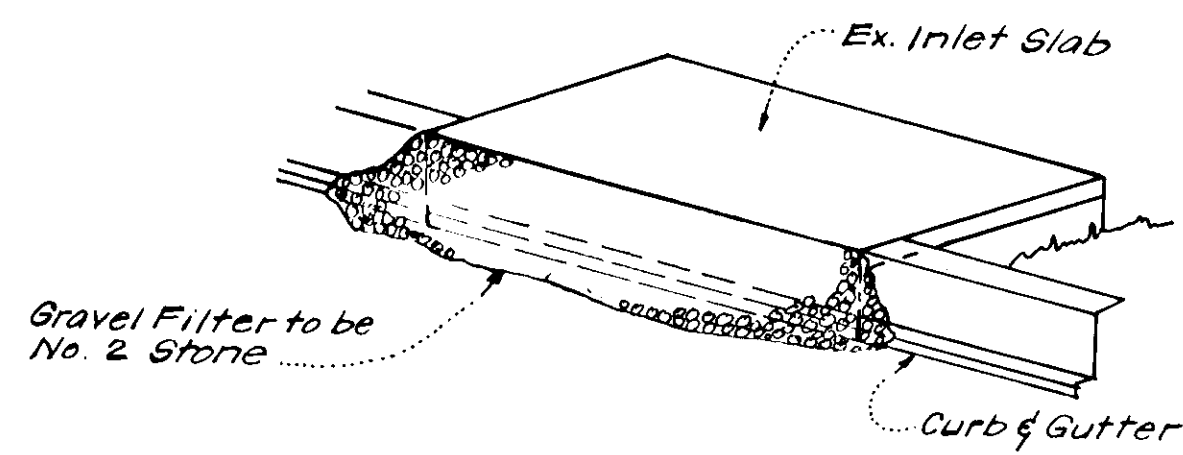
GENERAL NOTES

- 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 ryegrass 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% Chewink Fescue, 20% Kentucky 31, and 20% annual ryegrass.
 - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground Agricultural Lime or Volcanic Lime applied at the rate of 40 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.
- It will be the developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- SITE ANALYSIS:**
 - Total Area = 1.825 Acres
 - Area to be Roofed = 0.307 Acres
 - Area to be Paved = 0.195 Acres
 - Area to be Seeded = 1.325 Acres
 - Area Undisturbed = 0
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Driveways and Side walks.
 - Final Grade and stabilize in accordance with Note #5.
- Total Amount of Silt Fence/Straw Bales shown = 85 LF.

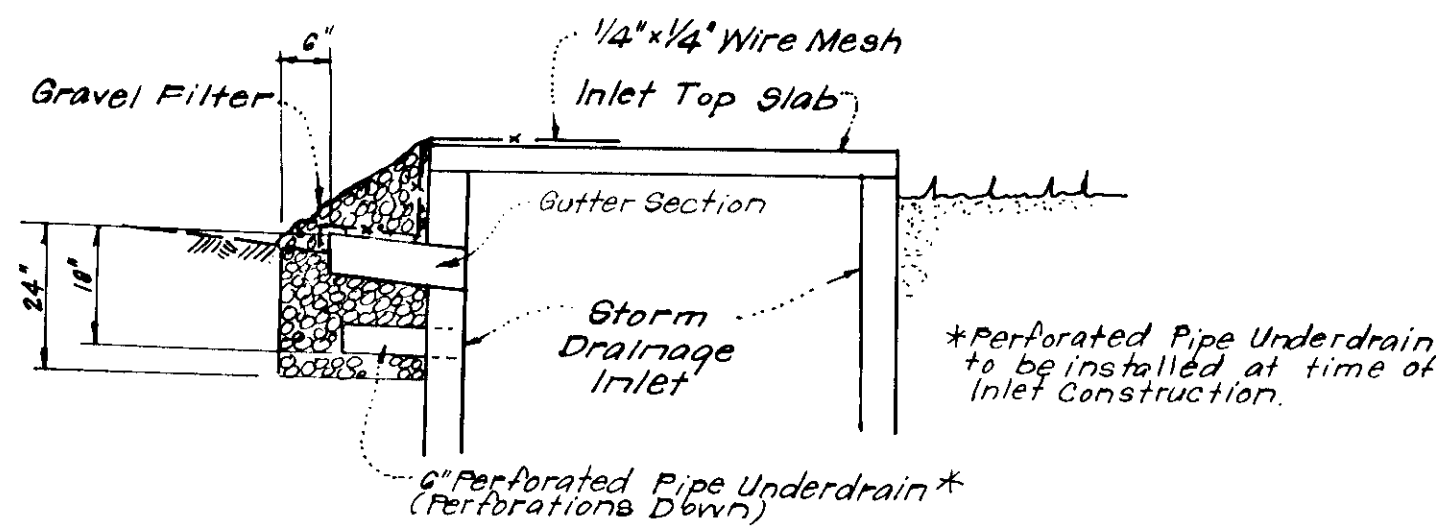


NOTES:
 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
 2. Filter Cloths to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

SILT FENCE DETAIL (S.F.)
 NO SCALE



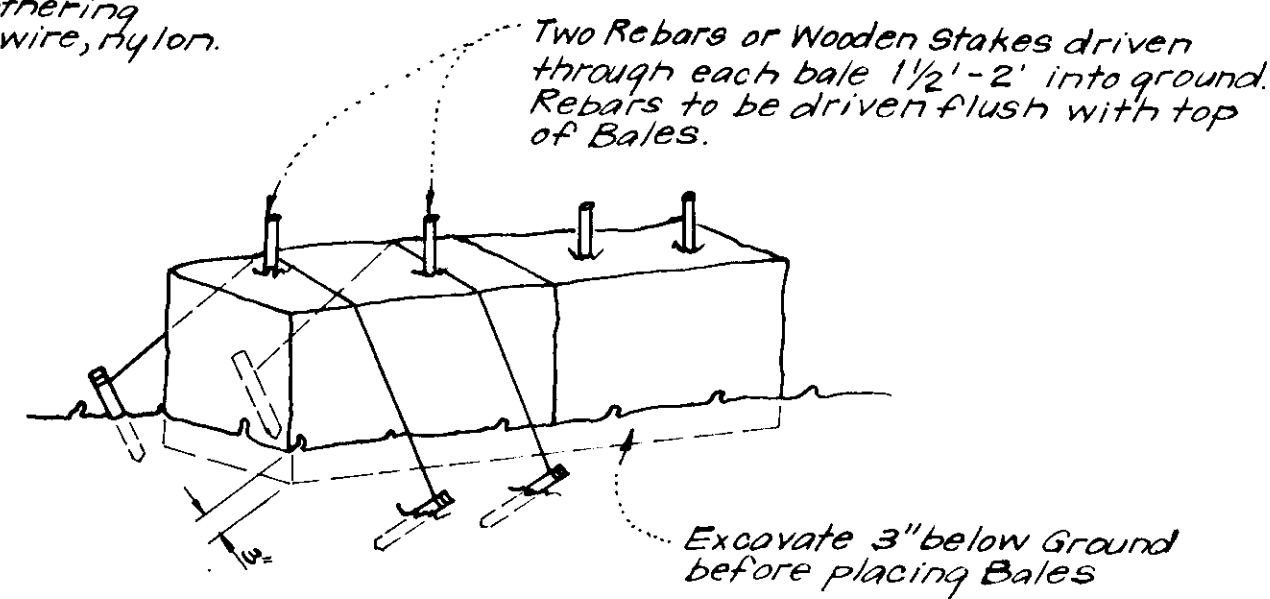
ISOMETRIC VIEW



SECTION VIEW

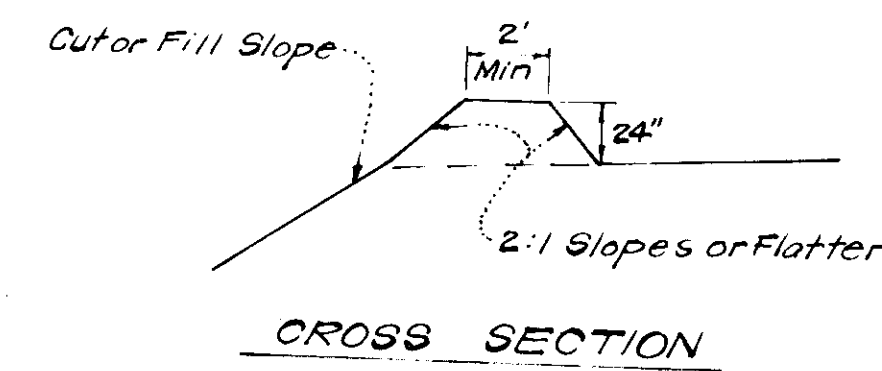
STONE FILTER INLET PROTECTION DETAIL (S.F.I.P.)
 No Scale

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

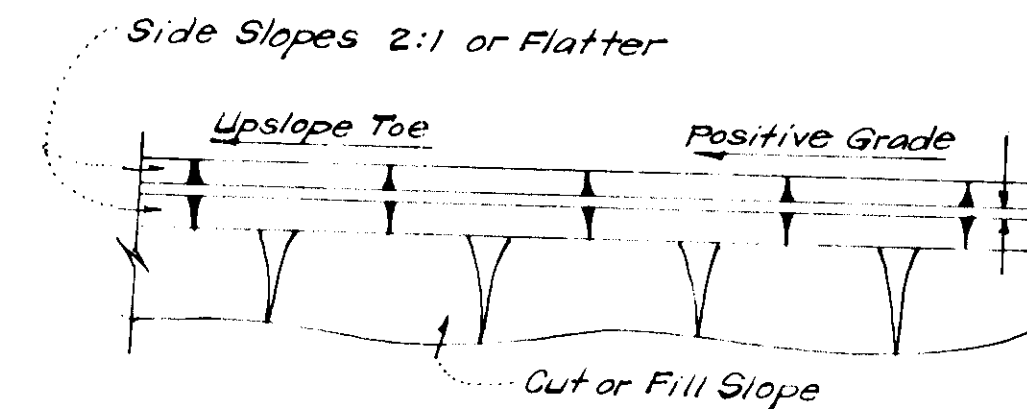


NOTE:
 1. In lieu of the use of rebar each Straw Bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

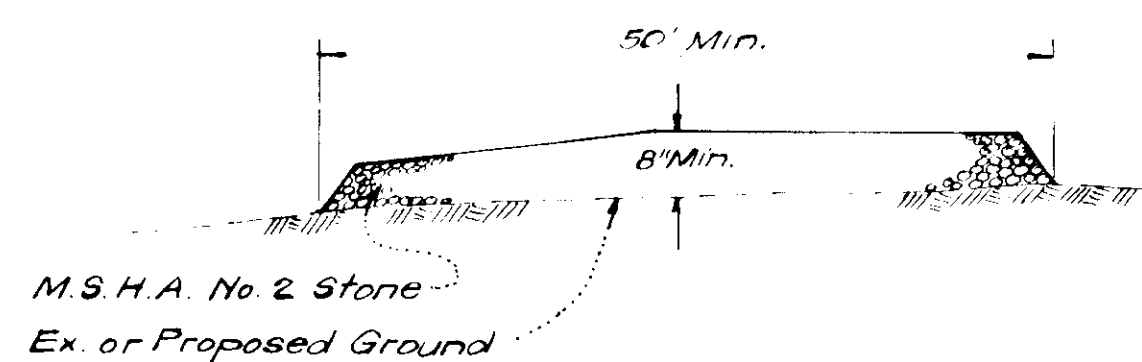
TYPICAL STRAW BALE DETAIL (S.B.D.)
 No Scale



CROSS SECTION



DIVERSION DIKE (D.D.)
 No Scale



STABILIZED CONSTRUCTION ENTRANCE
 No Scale

*This plan valid for Sediment & Erosion Control Only. See SDP-79-45c for Revised Blng. Locations. M.C. 10-24-78

***VOID VED**
 PLANNING BOARD OF HOWARD COUNTY
 5-24-78



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.

Signature _____ Date **1-17-78**

DEVELOPER'S CERTIFICATE
 I certify that all development and/or construction will be done according to this plan of development and plan for Erosion and Sediment Control, and I also authorize my duly authorized agents as are deemed necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

Signature _____ Date **1/17/78**
 Patrick McCuan
 FOR: MCCUAN ASSOCIATES of Md., INC.

Reviewed for HOWARD S.C.D. Name
 and meets Technical Requirements
Signature _____ Date **6-13-78**
 U.S. Soil Conservation Service

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

Signature _____ Date **6-13-78**
 Approved

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Signature _____ Date **10-25-78**

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR _____ Date **10-25-78**
 CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Signature _____ Date **10/25/78**
 DIRECTOR
 CHIEF BUREAU OF ENGINEERING

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11115 CLARKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED R.J.S.	SEDIMENT & EROSION CONTROL PLAN LOTS X-1 THRU X-9 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: MCCUAN ASSOCIATES of Md., INC. Teachers Building Columbia, Maryland 21044	SCALE As Shown
DRAWN K.W.V.		DRAWING 3 of 3
CHECKED R.U.S.		JOB NO.
DATE Apr, 1978		FILE NO. 1293-SE

SDP-78-101C see Also: 1335-X