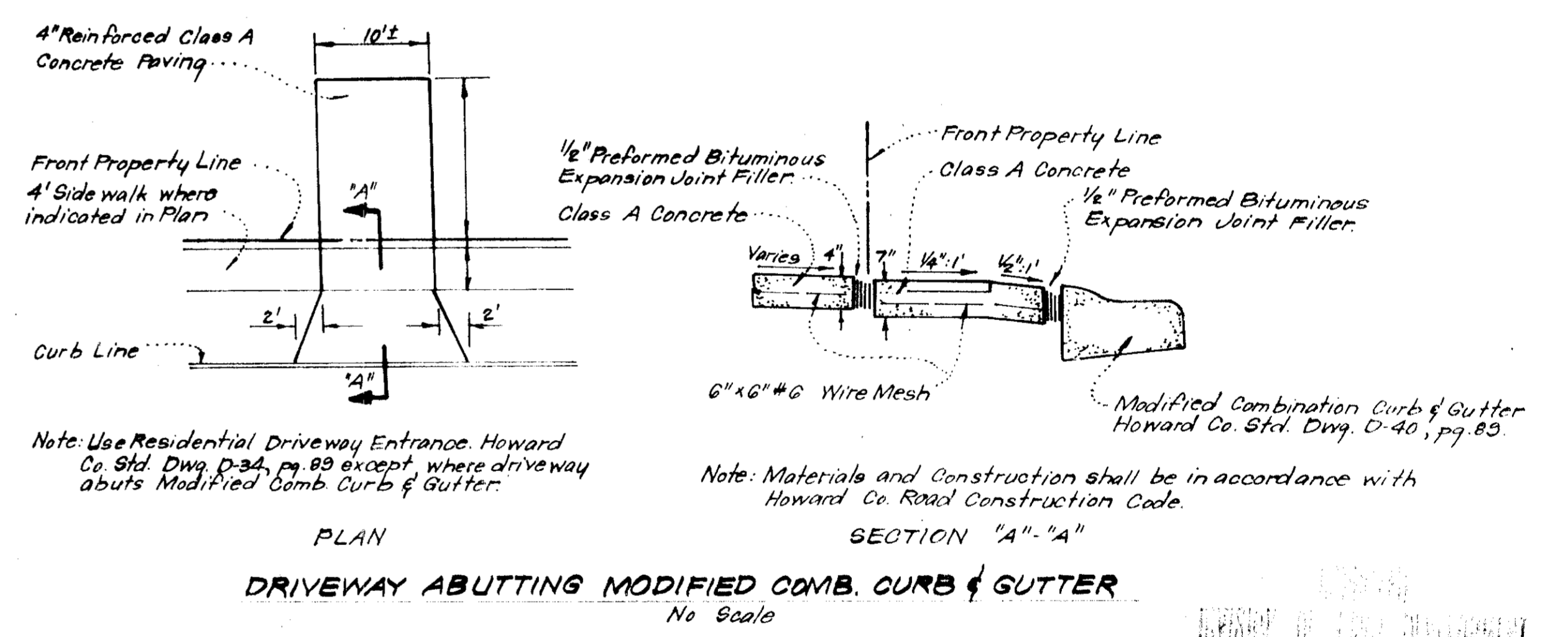


- GENERAL NOTES:**
- The Land included in this plan is zoned New Town (SF.M.D.)
 - The Lots shown on this plan are covered by Final Development Plan Phase 170 recorded in Plots 3054-A-48 thru 3054-A-51.
 - All coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast & Geodetic Survey Mean Sea Level Datum of 1929.
 - The area covered in this submission is located on Tax Map #36 of 87.
 - The total area included in this plan is 2.1573 Acres
 - All road ways are public & existing.
 - Any damage to county owned rights of way or paving shall be corrected at the developer's expense.

- LEGEND:**
- Contour Interval 2 FT.
 - Existing Contour - - - - - 470
 - Proposed Contour - - - - - 470
 - Spot Elevation +70±
 - Direction of Drainage →
 - Retaining Wall [Symbol]



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
DATE 10-24-78

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
DATE 10-25-78

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 10-27-78

Note: For Bearings and Distances of Individual Lots. See Record Plot Recorded as Plat 3929

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
1109 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	SITE DEVELOPMENT PLAN	SCALE
D.B.S.	LOTS 107 THRU 116	1"=50'
DRAWN		DRAWING
K.I.W.	COLUMBIA	1 of 3
CHECKED	VILLAGE OF LONGREACH	JOB NO.
D.B.S.	SECTION 1 AREA 10 PART A	FILE NO.
DATE	6th ELECTION DISTRICT	1380-X
	HOWARD COUNTY, MARYLAND	
	FOR: AVERY HOMES INC.	
	2000 Century Plaza Suite 445	
	Columbia, Maryland 21044	
	July, 1978	

SDP-79-22c See Also: 110-315



VICINITY MAP
Scale: 1"=2000'

- LEGEND:**
- 1. Diversion Dike DD
 - 2. Straw Bale Dike or Silt Fence SBD or SF
 - 3. Stone Filter Inlet Protection S.F.I.P.
 - 4. Stone Construction Entrance



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 10-24-78
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 10-25-78
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 10-10-78
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING DATE

VILLAGE OF LONGREACH
SECTION 1
AREA 10 PART A
PLAT 35999

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
[Signature] 10-10-78
Signature Date
U.S. Soil Conservation Service

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

[Signature] Approved 10-10-78
Date

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 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.

[Signature] 10-17-78
Signature Date
William H. Avery

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 Conserva-
tion District.

[Signature] 8-2-78
Signature Date
B. Nelson Clark



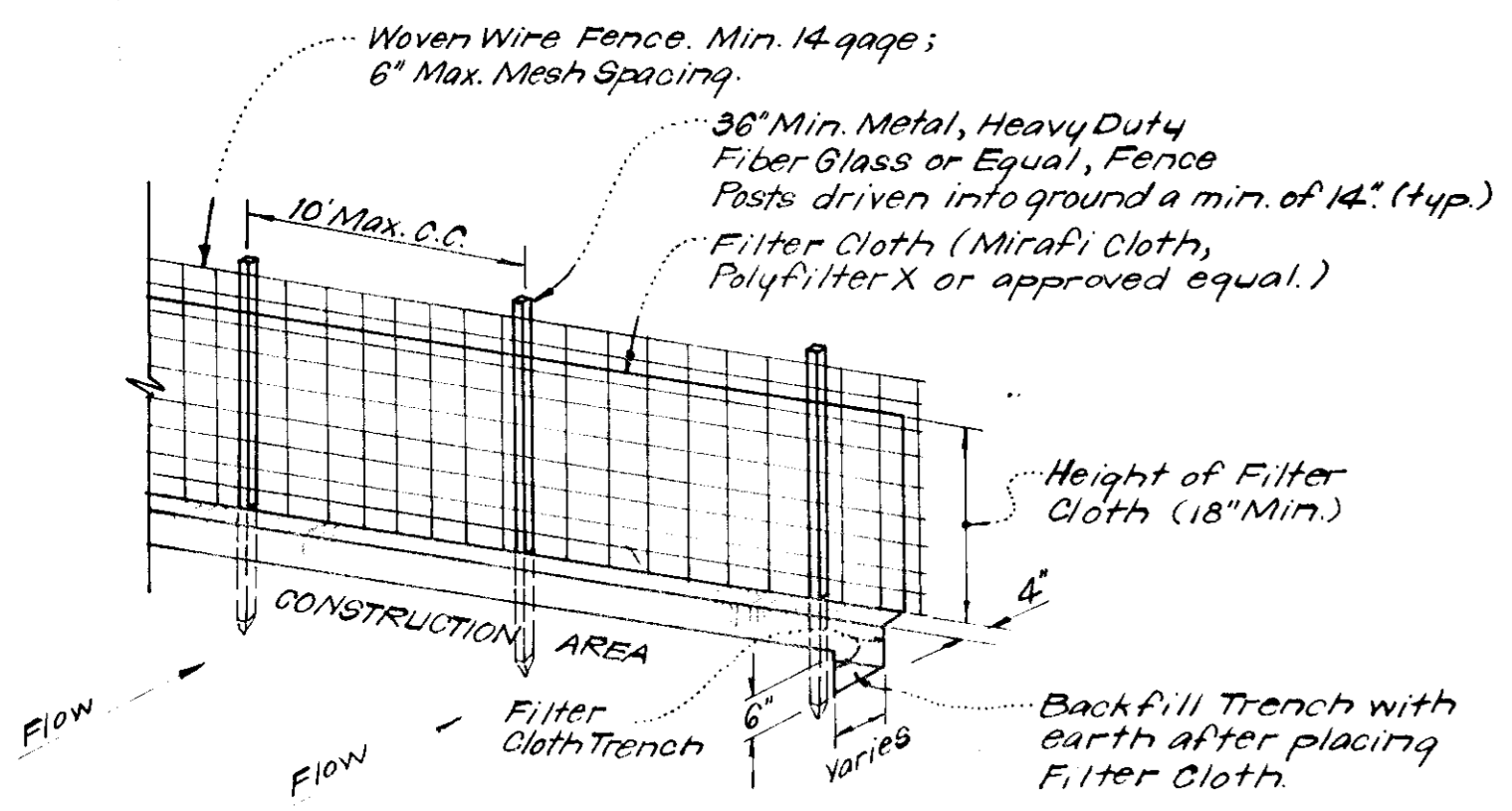
Note: For Bearings and Distances of Individual Lots. See Record Plat
Recorded as Plat 35999

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED U.L.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 107 THRU 116 COLUMBIA VILLAGE OF LONGREACH SECTION 1, AREA 10 PART A 6TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND FOR: AVERY HOMES INC. 2000 Century Plaza Suite 445 Columbia, Maryland 21044	SCALE 1"=30'
DRAWN K.I.W.		DRAWING 2 of 3
CHECKED J.L.S.		JOB NO.
DATE July, 1978		FILE NO. 1310 SE

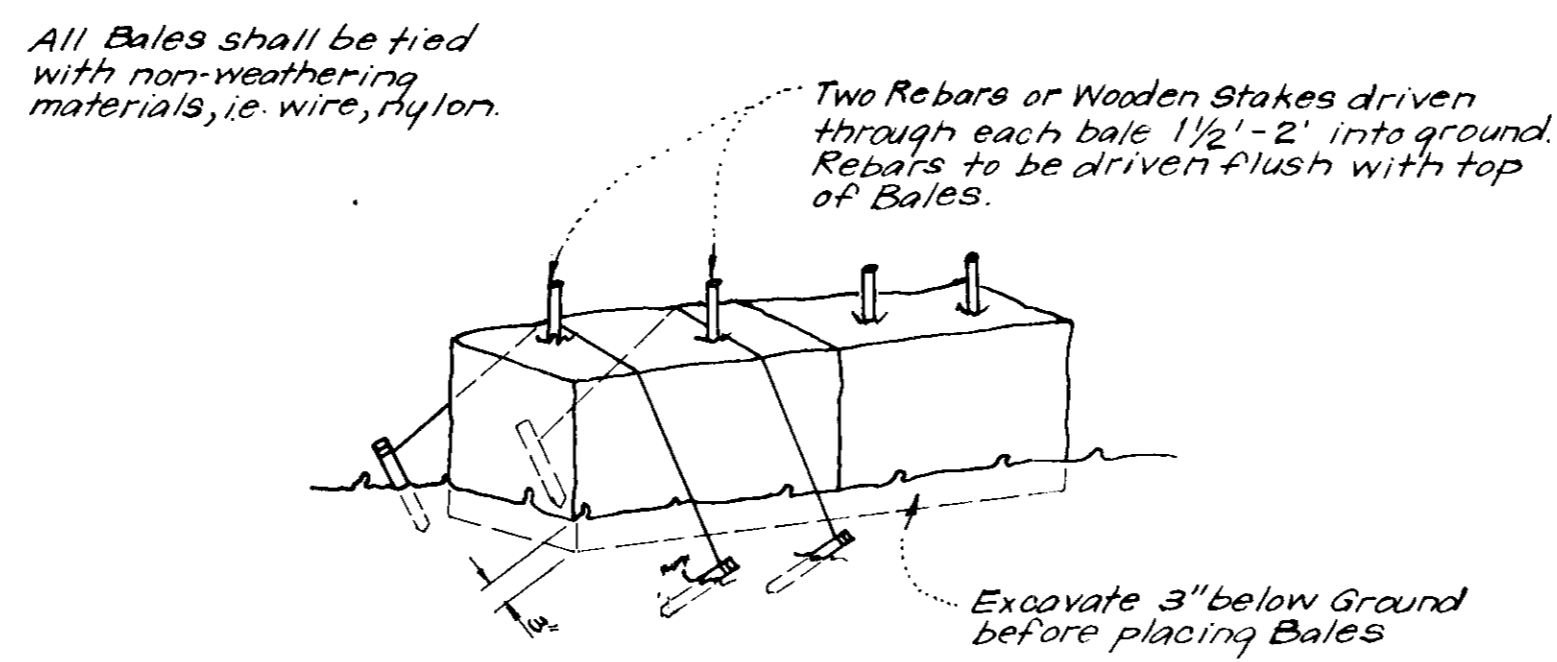
SDP-79-22. See Also: HC-376
1360-X

GENERAL NOTES

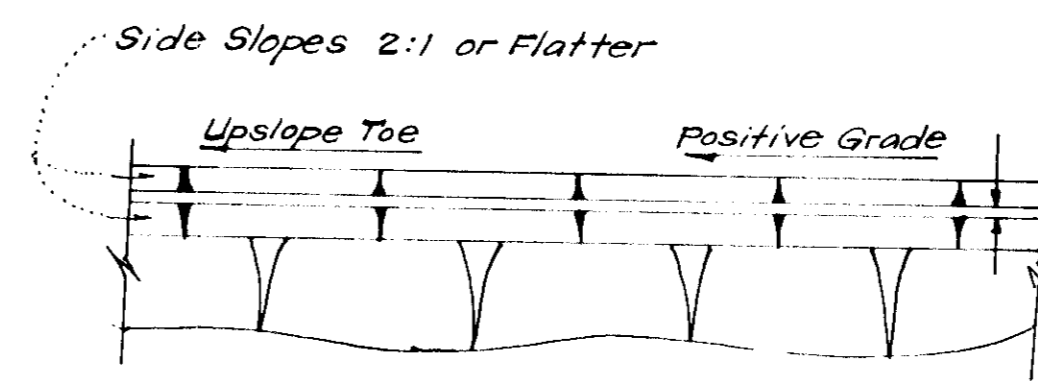
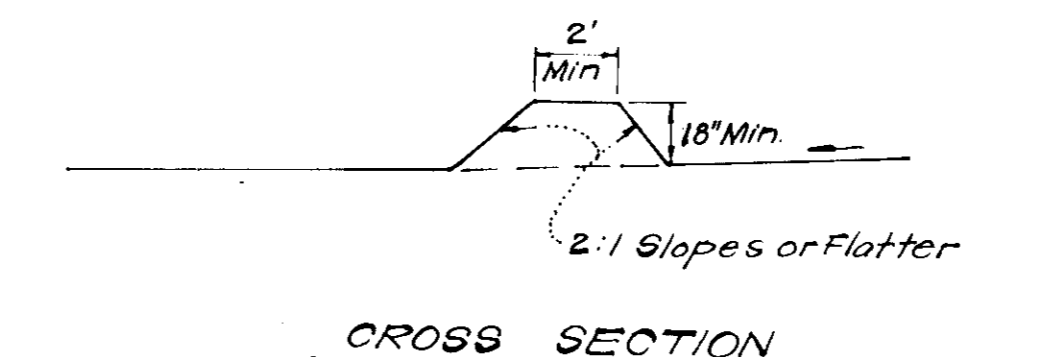
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at a rate of 14 lbs/1000 sq ft.
- 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 sq ft. mixture - 40% Kentucky Blue, 20% Chewing 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 sq ft.
 - Mulch - Weed free grain straw applied at the rate of 20 lbs/1000 sq ft. 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.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- SITE ANALYSIS:**
 - Total Area = 2.157 Acres
 - Area to be Roofed = 0.341 Acres
 - Area to be Paved = 0.170 Acres
 - Area to be Seeded = 1.508 Acres
 - Area Undisturbed = 0.138 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.
- 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.
- It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.



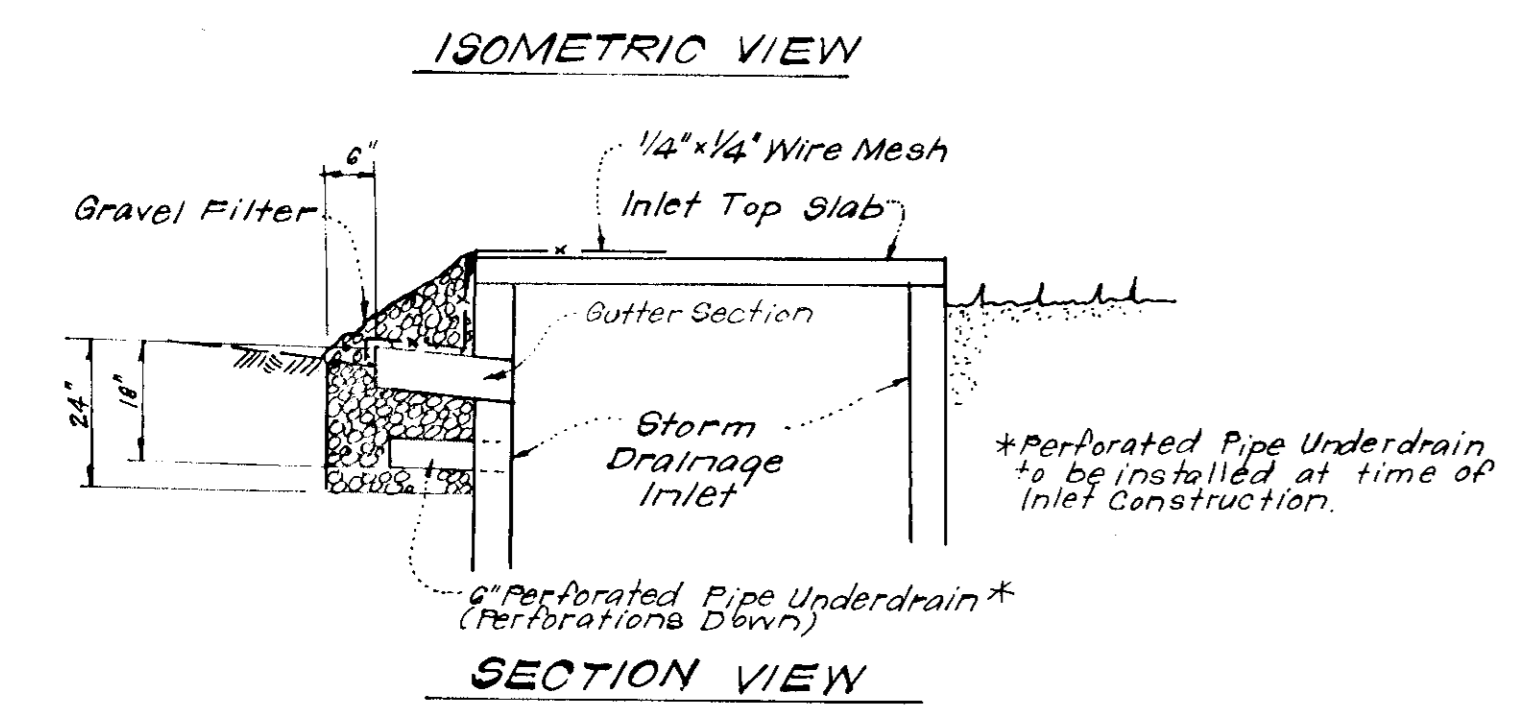
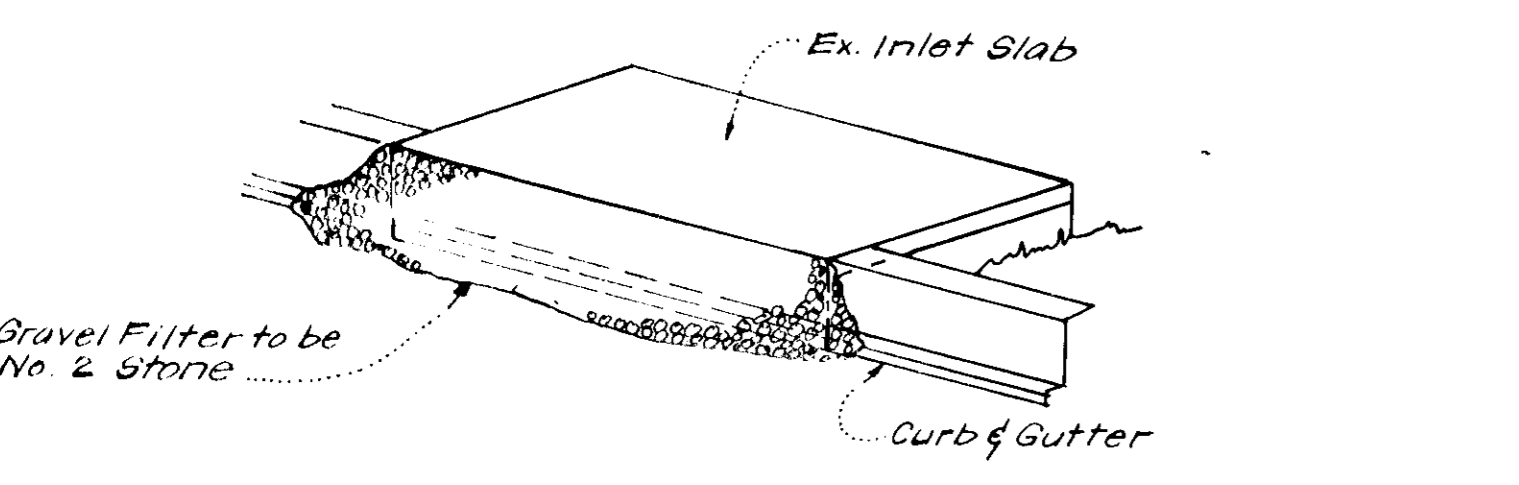
SILT FENCE DETAIL (S.F.)
No Scale



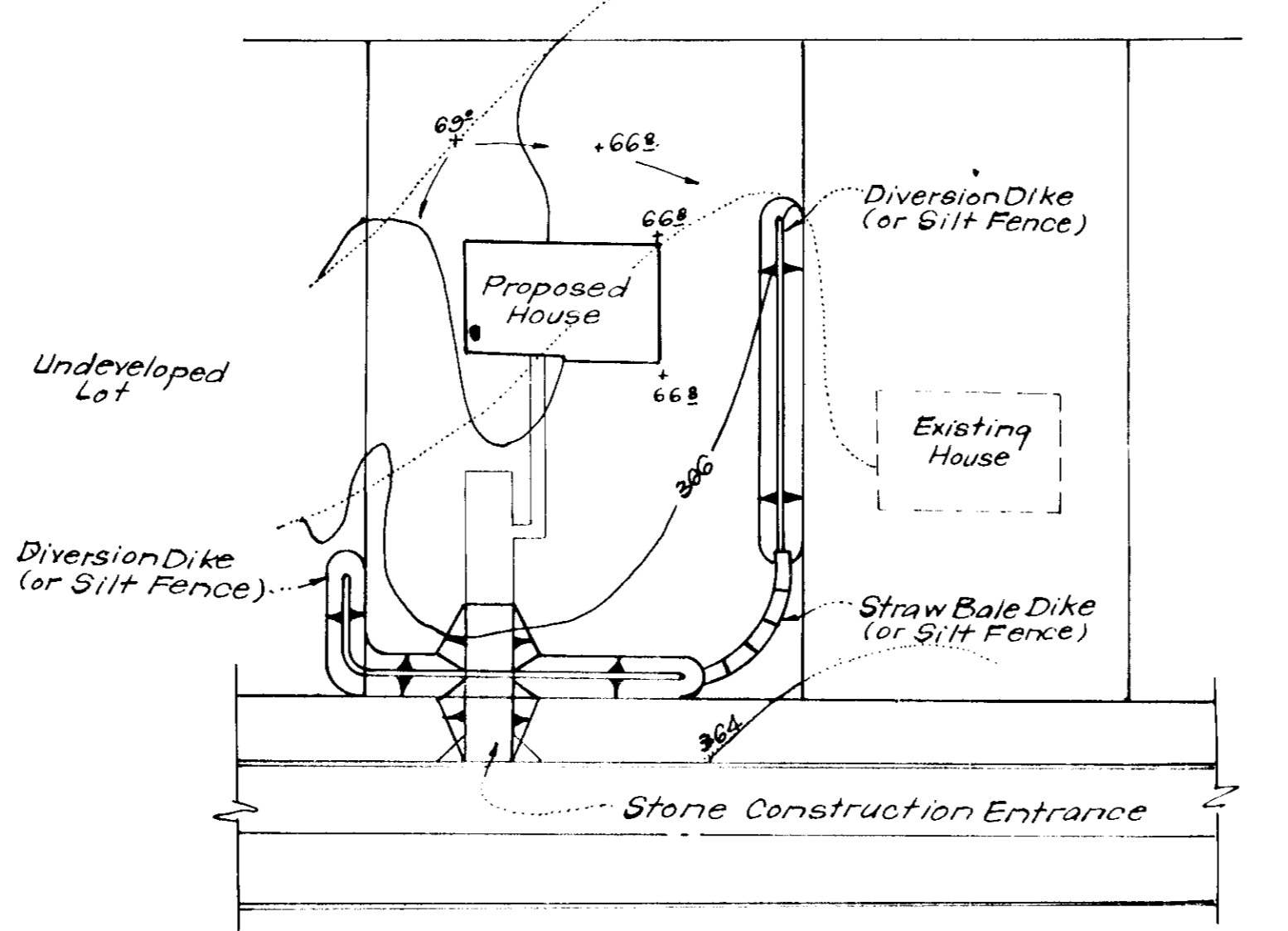
TYPICAL STRAW BALE DETAIL (S.B.D.)
No Scale



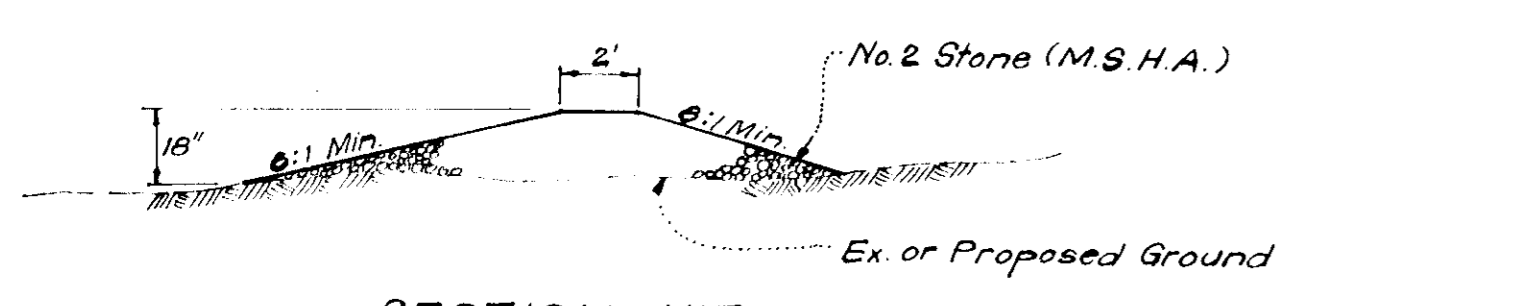
PLAN VIEW DIVERSION DIKE (D.D.)
No Scale



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



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 10-24-78
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

Reviewed for: *Howard* S.C.D.
Name
and meets Technical Requirements
[Signature] 10-10-78
Signature Date
U.S. Soil Conservation Service

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

[Signature] 10-10-78
Date

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 will authorize 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.

[Signature] 8/1/78
Signature Date
William H. Avery

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] 8-2-78
Signature Date
G. Nelson Clark



CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 1115 LEEWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED <i>J.L.S.</i> DRAWN <i>K.I.W.</i> CHECKED <i>J.L.S.</i> DATE July, 1978	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 107 THRU 116 COLUMBIA VILLAGE OF LONGREACH SECTION 1 AREA 10, PL. 'A' 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: AVERY HOMES, INC. 2000 Century Plaza, Suite 445 Columbia, Maryland 21044	SCALE AS SHOWN DRAWING 3 of 3 JOB NO. FILE NO. 1310 SE SDP-79-22

8-29-78