

**DRIVEWAY ABUTTING MOD.
COMB. CURB & GUTTER**

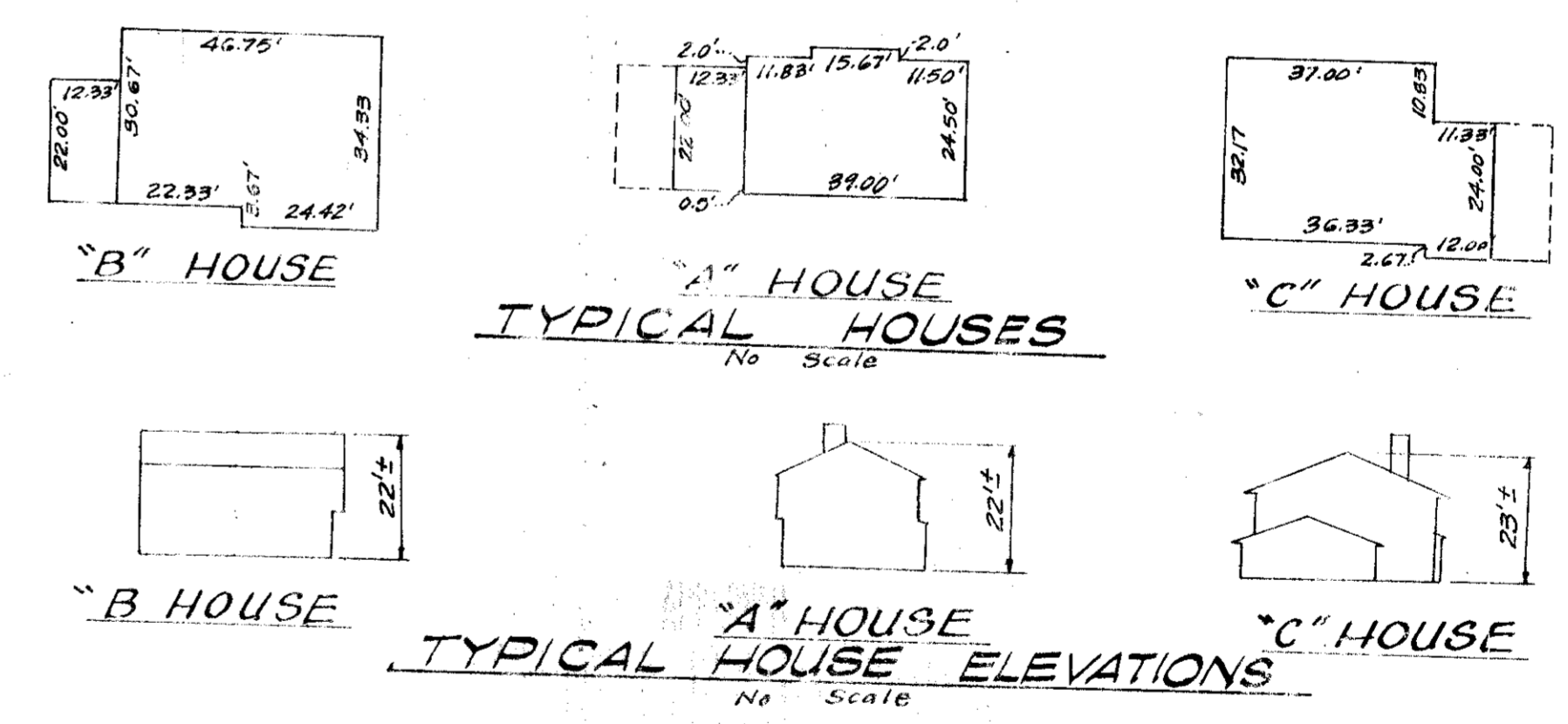
No Scale
Note: Use Residential Driveway Entrance, Howard Co. Drawing # D-34, Pg. 83, Except where Driveway Abuts Modified Combination Curb & Gutter.

GENERAL NOTES

1. The land included in this submission is zoned New Town (S.F.L.D.)
2. The lots shown in this submission are covered by Final Development Plan Phase 77 A2, recorded in Plat Book 30 Follios 96 and 97
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 of 1929.
4. The area covered in this submission is located on Tax Map No. 30 and No. 58.
5. The total area included in this submission is 1.54 Acres.
6. All roadways shown are public and are existing.
7. Any damage to right of way or paving shall be corrected at the Developer's expense.
8. Building coverage is 8.66%

LEGEND

1. Contour Interval 2 Ft.
2. Existing Contours
3. Proposed Contours
4. Spot Elevations + 805
5. Direction of Drainage
6. Yard Requirements:
Front: 30' on 60' Wide Street,
Side: 15' on 50' Wide Street,
Side: 7.5' (Min.)
7. Walkout Basement
8. Existing Trees to be Retained



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 6-21-76
APPROVED DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
DIRECTOR _____ DATE 6-17-76
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR _____ DATE 6-17-76
CHIEF BUREAU OF HIGHWAYS _____ DATE 6/17/76

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 18 Folio 54.

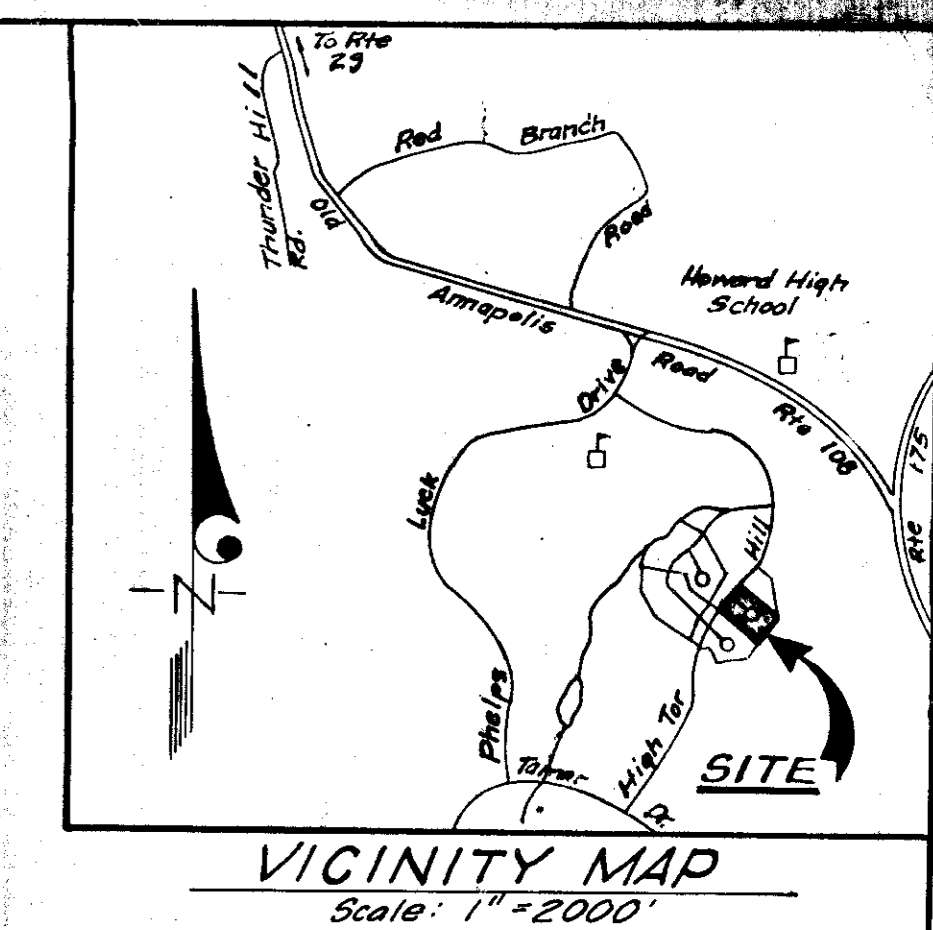
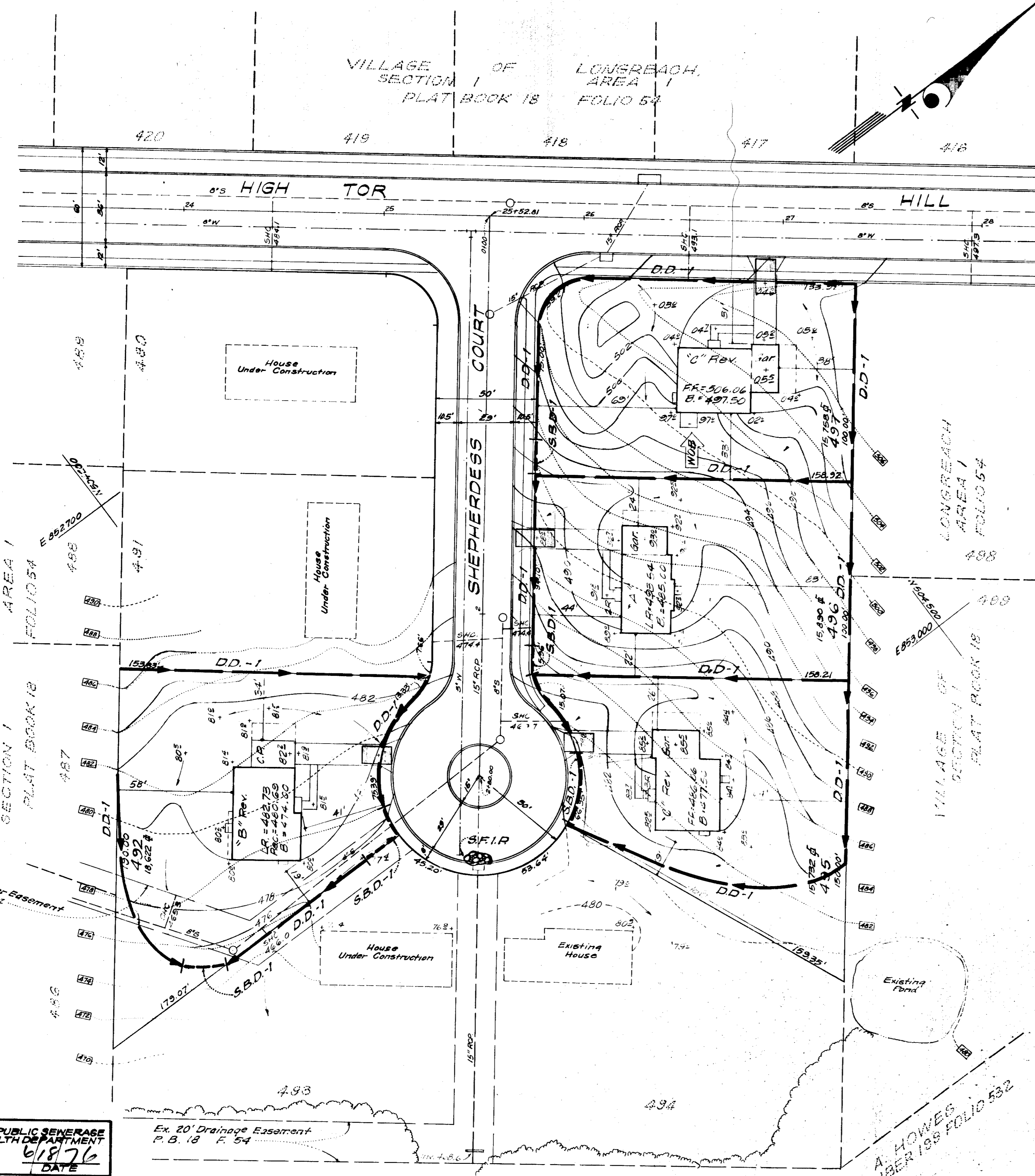
Shirley B. Sackett
SURVEYOR

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 6-8-76

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11515 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED WRM/c	SITE DEVELOPMENT PLAN LOTS 492 & 495-497 COLUMBIA VILLAGE OF LONGREACH SECTION 1 AREA 1 6 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN KVV		DRAWING 1 of 3
CHECKED DBS		JOB NO.
DATE Apr 14, 1976		FILE NO. 1199-X
		For: Thomas Associates Inc. 2000 Century Plaza Bldg. Suite 302 Columbia, Maryland 21044

SDP-76-91c



Reviewed for HOWARD COUNTY S.C.D. Name
and meets Technical Requirements
Signature: *Lucille Flowers* Date: 6/15/76
U.S. Soil Conservation Service

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

Robert J. Ziem Approved Date: 6/15/76

LEGEND

- Diversion Dike
- Straw Bale Dike
- Stone Filter Protection
- Stone Construction Entrance

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.

Thomas DeFlavia Signature Date: 4-27-76

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.

G. Nelson Clark Signature Date: 4-27-76

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 6-8-76



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
William M. D. DATE: 6-18-76
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
James A. Amole DATE: 6-21-76
PLANNING DIRECTOR

APPROVED: DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
Robert J. Ziem DATE: 6-17-76
DIRECTOR

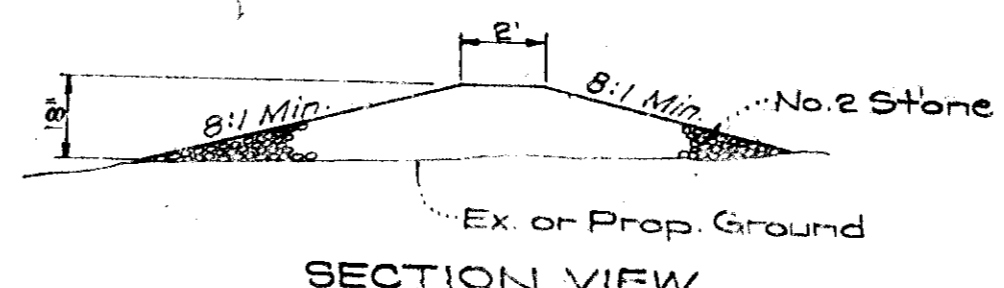
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
William M. D. DATE: 6-17-76
DIRECTOR

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
William M. D. DATE: 6-17-76
CHIEF BUREAU OF HIGHWAYS

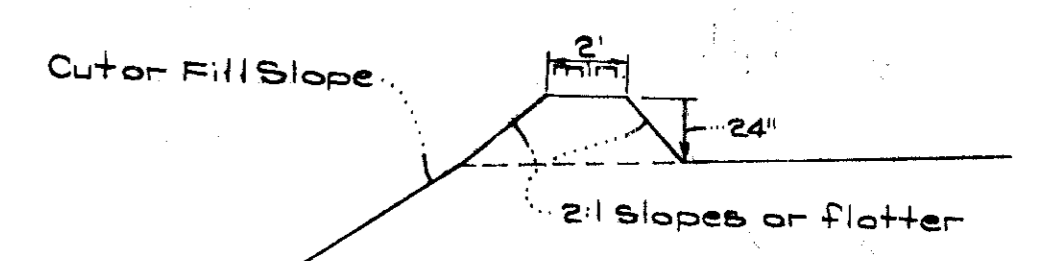
NOTE:
For bearings and distances of individual lot lines, see record plat recorded in Plat Book 18 Folio 54.

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED R.J.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 492 & 495-497 COLUMBIA VILLAGE OF LONGREACH SECTION 1 AREA 1 6 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN K.W.V.		DRAWING 2 of 3
CHECKED G.N.C.		JOB NO.
DATE Apr 27, 1976		FILE NO. 1186-52

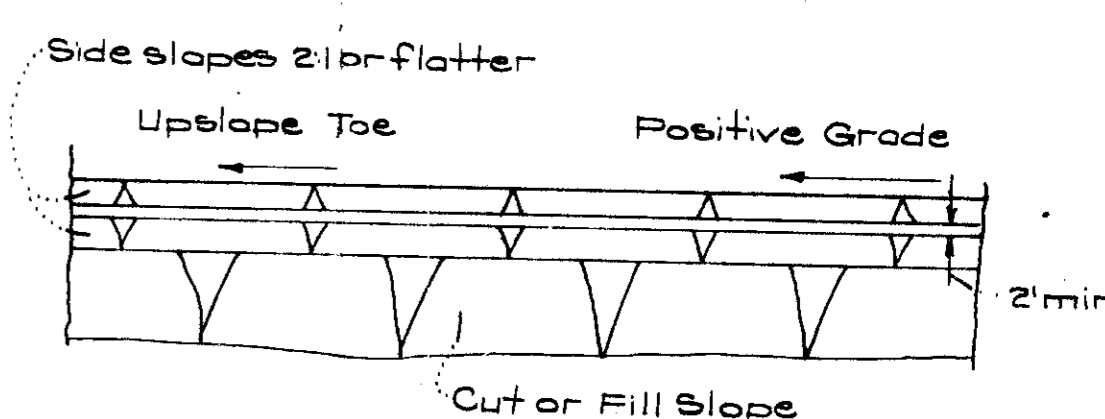
SDP-76-91c



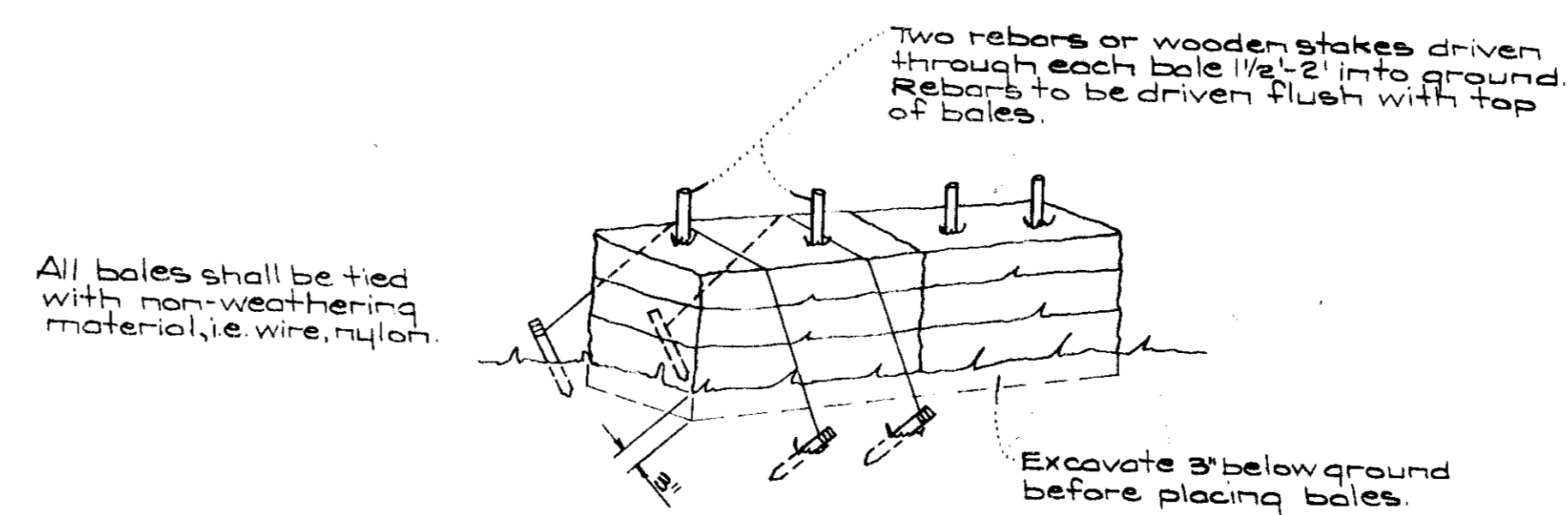
STONE CONSTRUCTION ENTRANCE DETAIL
No Scale



CROSS SECTION



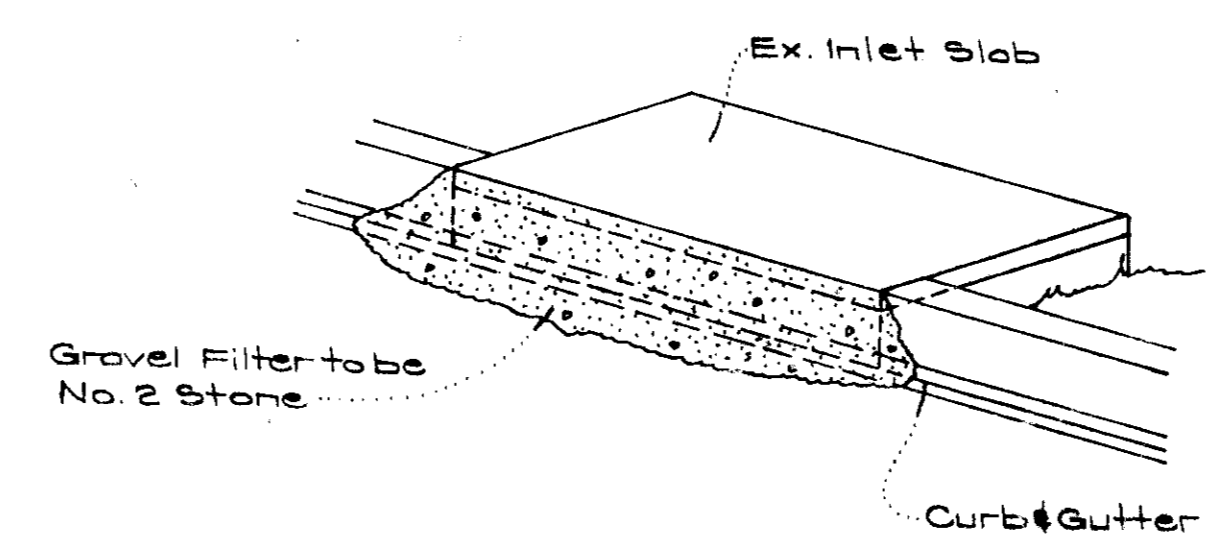
PLAN VIEW
DIVERSION DIKE
No Scale



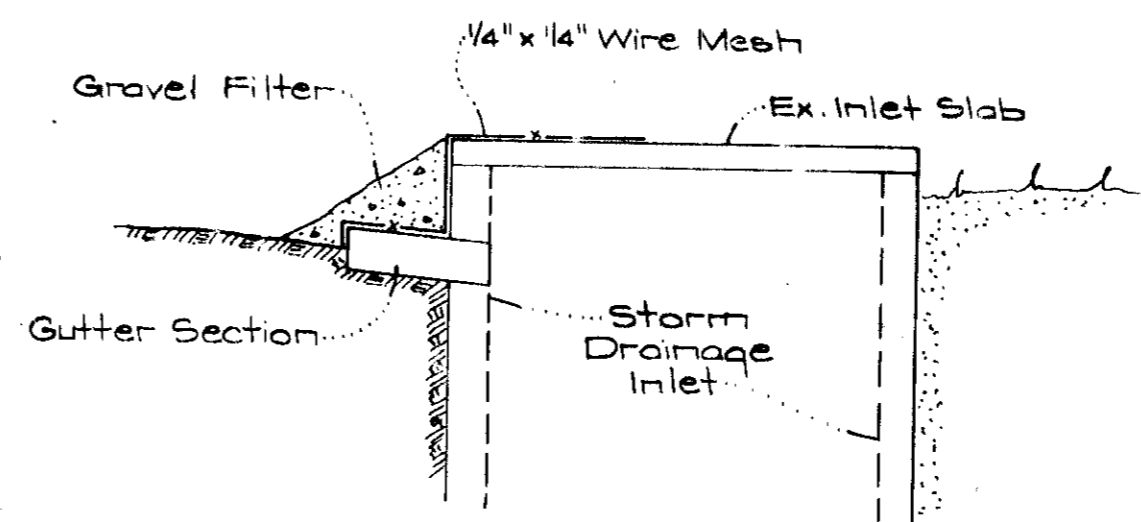
NOTE: In lieu of the use of rebar, each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

TYPICAL STRAW BALE DETAIL
No Scale

All bales shall be tied with non-weathering material, i.e. wire, nylon.

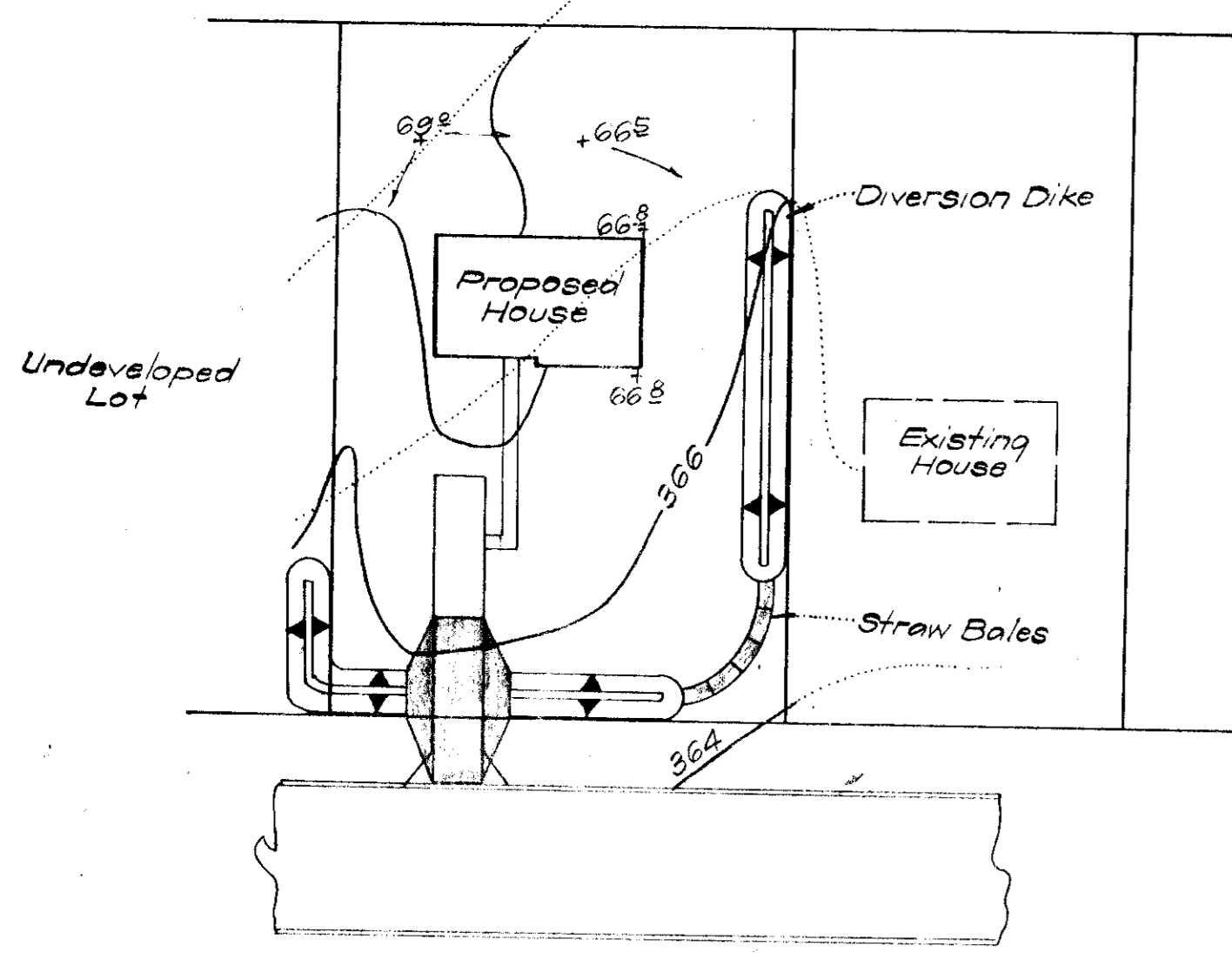


ISOMETRIC VIEW



SECTION VIEW

STONE FILTER INLET PROTECTION DETAIL
No Scale



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN

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 Kentucky 31 applied at the rate of 14 lbs/1000 sq ft.
- Notify the Howard Soil Conservation District and 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 Urbanizing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All graded areas 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 Ryegrass.
 - 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 43 lbs/1000 sq ft.
 - Mulch - Weed free grain straw applied at the rate of 70 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 Howard Soil Conservation District, phone 465-3180 or 465-5000, ext. 328.
- On-site inspection and maintenance of all sediment control measures including cleanup 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 bales, diversion dikes.
- Site Analysis:

Total Area:	152 Ac.
Area To Be Roofed:	0.15 Ac.
Area To Be Paved:	0.05 Ac.
Area To Be Seeded:	1.28 Ac.
Area Undisturbed:	0.06 Ac.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stone Construction Entrances shall be constructed at all construction entrances.
- CONSTRUCTION SEQUENCE
 - Install Sediment & Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for foundations and rough grade.
 - Erect Structures, driveways and sidewalks.
 - Final grade and stabilize in accordance with General 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 and Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales shown = 125 Ft.

APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 6-8-76



APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER
DATE 6-8-76

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
DATE 6-21-76

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR
DATE 6-17-76

APPROVED: CHIEF, BUREAU OF HIGHWAYS
DATE 6/17/76

Reviewed for HOWARD COUNTY S.C.D.
Name
and meets Technical Requirements
Signature
U.S. Soil Conservation Service

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

APPROVED: Robert W. Johnson DATE: 6/15/76

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 per die 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.

4-27-76
Date
Signature
Thomas DeFlavia

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.

4-27-76
Date
Signature
G. Nelson Clark

		CLARK • FINEFROCK & SACKETT ENGINEERS - PLANNERS - SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 533-2400
DESIGNED BY R.U.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 492 and 495-497 COLUMBIA VILLAGE OF LONGREACH SECTION 1 AREA 1 8th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
DRAWN BY K.I.W.	DRAWING 3 of 3	
CHECKED BY G.N.C.	JOB NO.	
DATE Apr. 27, 1976	FILE NO. 1186-3E	
	For: Thomas Associates Inc. 2000 Century Plaza Bldg. Suite 302 Columbia Maryland 21044	