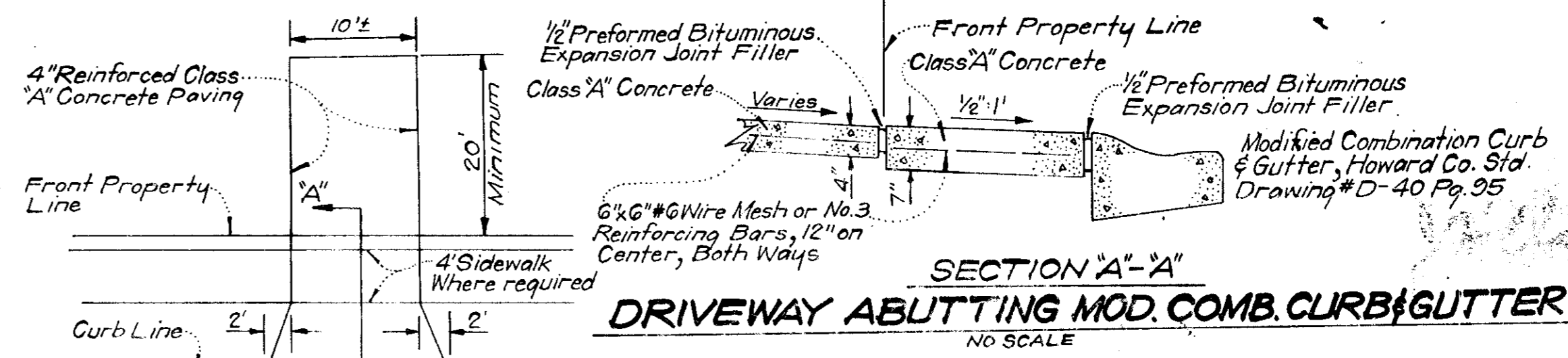
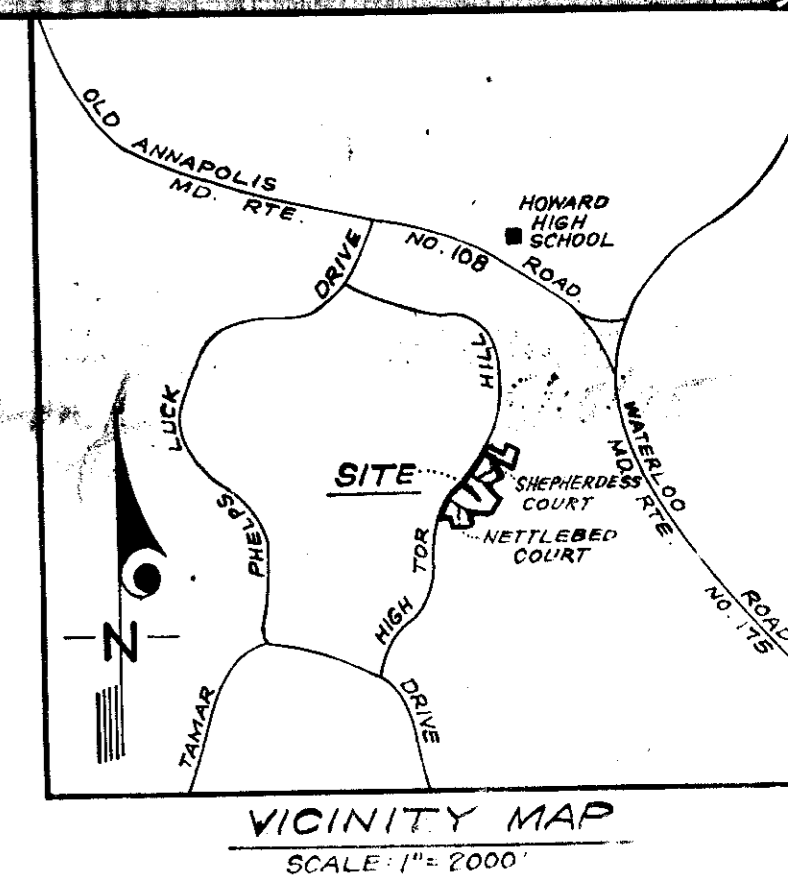


TYPICAL FENCE DETAIL
NO SCALE



PLAN
NO SCALE

NOTE: Use Residential Driveway Entrance, Howard Co. Drawing #D-34, Pg. 89, Except Where Driveway Abuts Modified Combination Curb & Gutter.



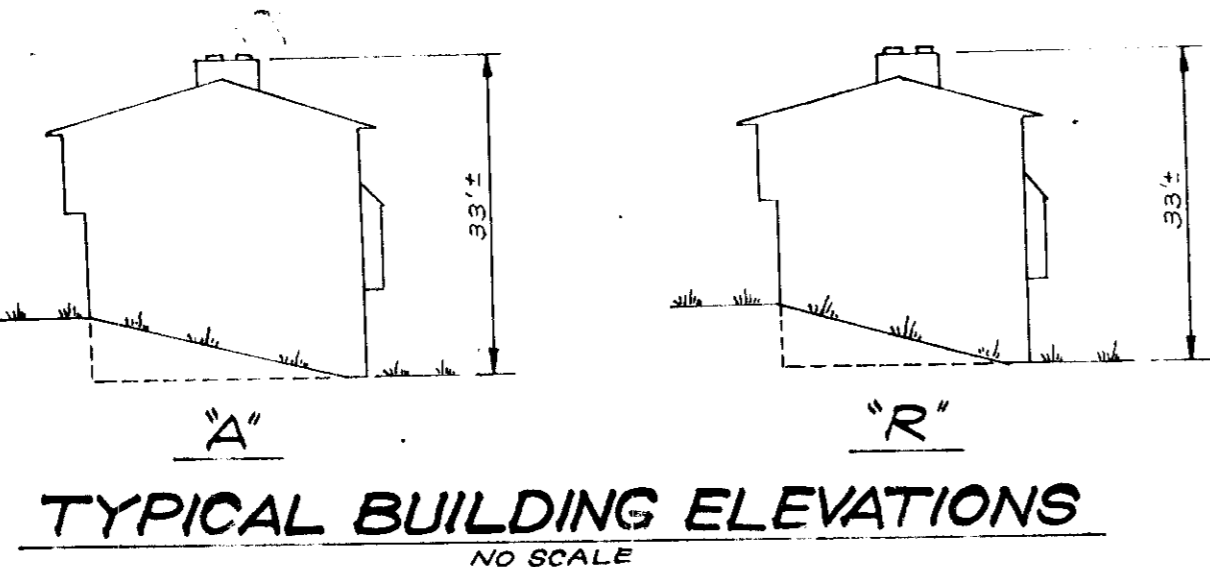
LEGEND

- Contour Interval 2 Ft.
- Existing Contours 480
- Proposed Contours 480
- Spot Elevations +80
- Direction Of Drainage
- Yard Requirements:
Front - 30' On 60' Wide Street
20' On 50' Wide Streets
Side 7.5' (Min.)
- Existing Trees to be Retained
- Privacy Screen Fence
- Walk Out Basement

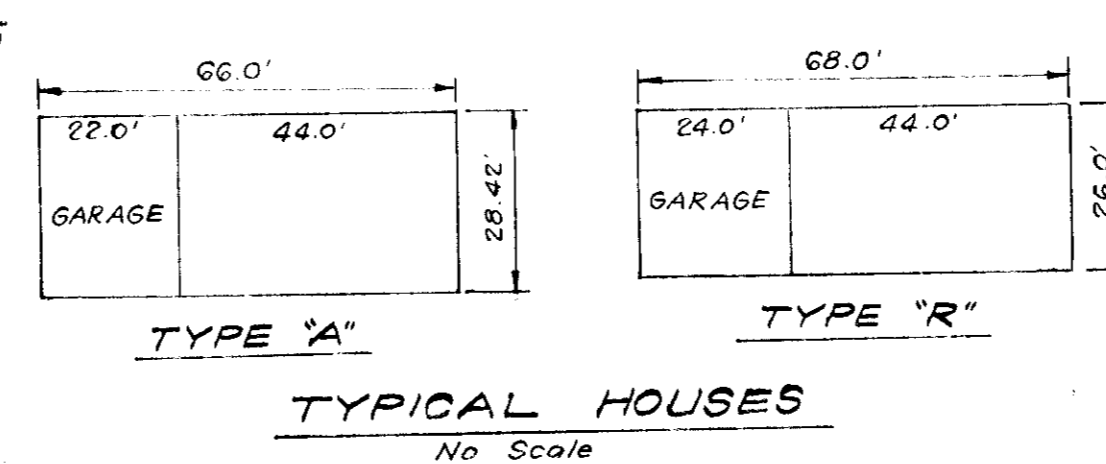
GENERAL NOTES

- 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.
- The Lots shown on this plan are covered by Final Development Plan Phase 77-A2 recorded in Plat Book 20 Folios 96 and 97.
- The Area covered in this submission is located on Tax Maps No. 30 and No. 36.
- The total area included in this plan is 6.808 Acres.
- The land included in this plan is zoned New Town (S.F.L.D.).
- Building coverage is 10.4%

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

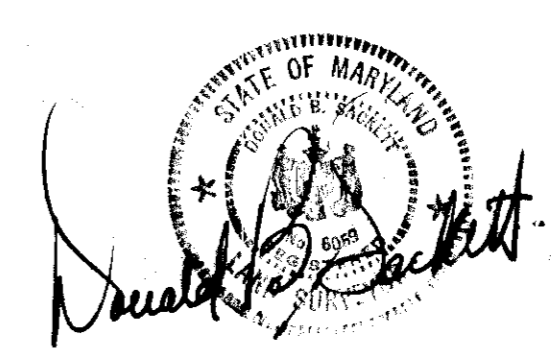


TYPICAL BUILDING ELEVATIONS
NO SCALE



TYPICAL HOUSES
No Scale

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 CHIEF BUREAU OF HIGHWAYS



CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11-05 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400
 DESIGNED: D.B.S. SITE DEVELOPMENT PLAN LOTS 482-484, 486-493, 495-498, 500 & 501
 DRAWN: K.W.C. COLUMBIA VILLAGE OF LONGREACH SECTION 1 AREA 1
 CHECKED: D.B.S. 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 DATE: Mar., 1975 FOR: THE BLUM CORPORATION 1515 Reisterstown Road Pikesville, Md. 21208
 SCALE: 1" = 5' DRAWING NO: 101 JOB NO: FILE NO: 113

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 & TRANSPORTATION PLANNING _____ DATE _____

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

CHIEF BUREAU OF HIGHWAYS _____ DATE _____

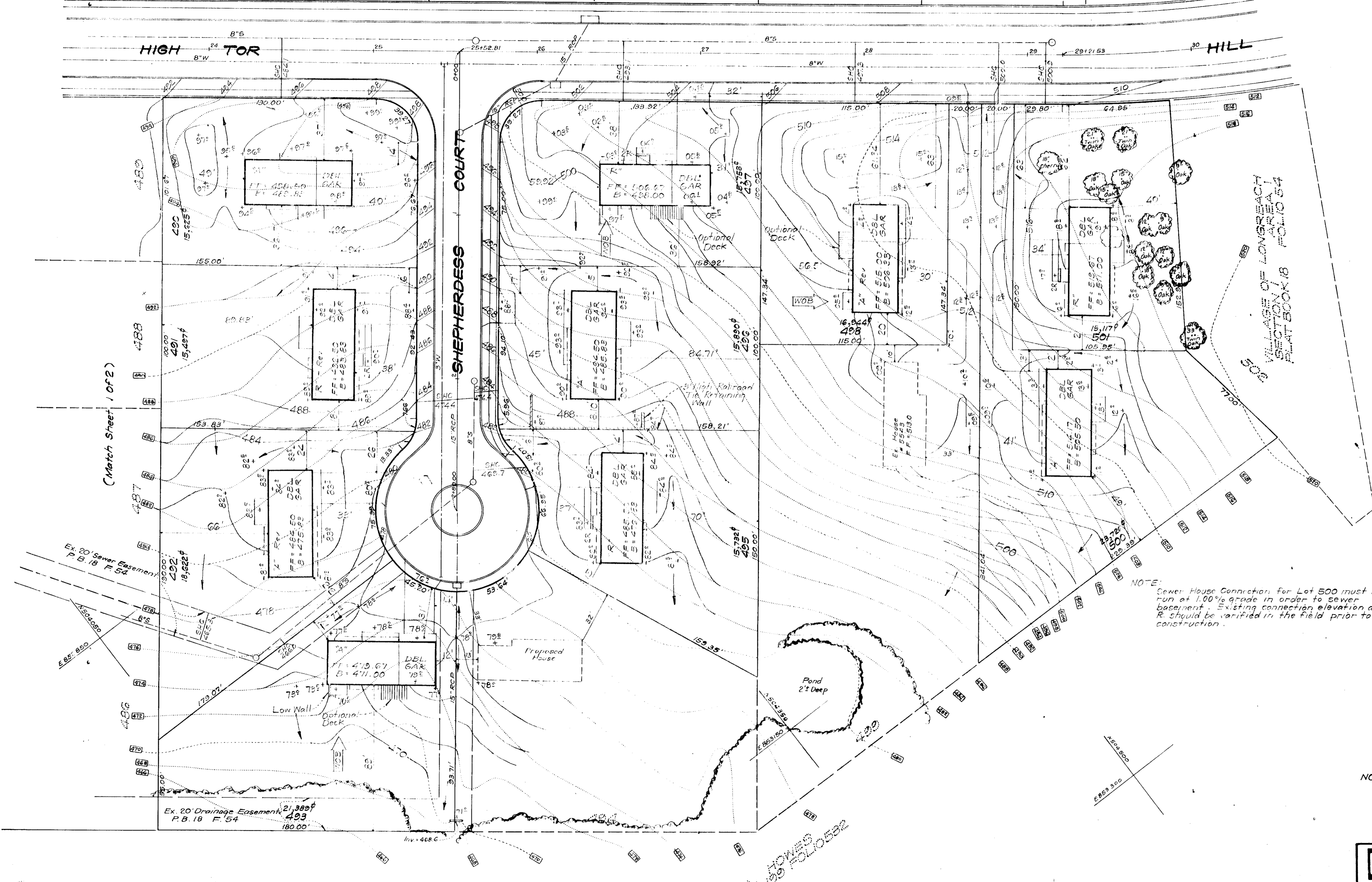
VILLAGE OF LONGREACH
SECTION I
PLAT BOOK 18

OF

LONGREACH
AREA I
FOLIO 54

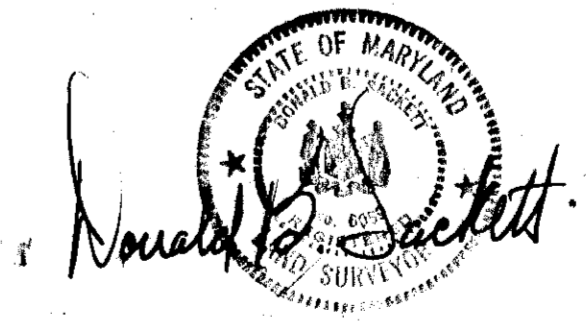
LEGEND

1. Contour Interval 2 Ft.
2. Existing Contours 480
3. Proposed Contours 480
4. Spot Elevations +80±
5. Direction of Drainage
6. Yard Requirements:
Front - 30' On 60' Wide Street
20' On 50' Wide Street
Side 7.5' (Min.)
7. Existing Trees to be Retained
8. Privacy Screen Fence
9. Walk Out Basement

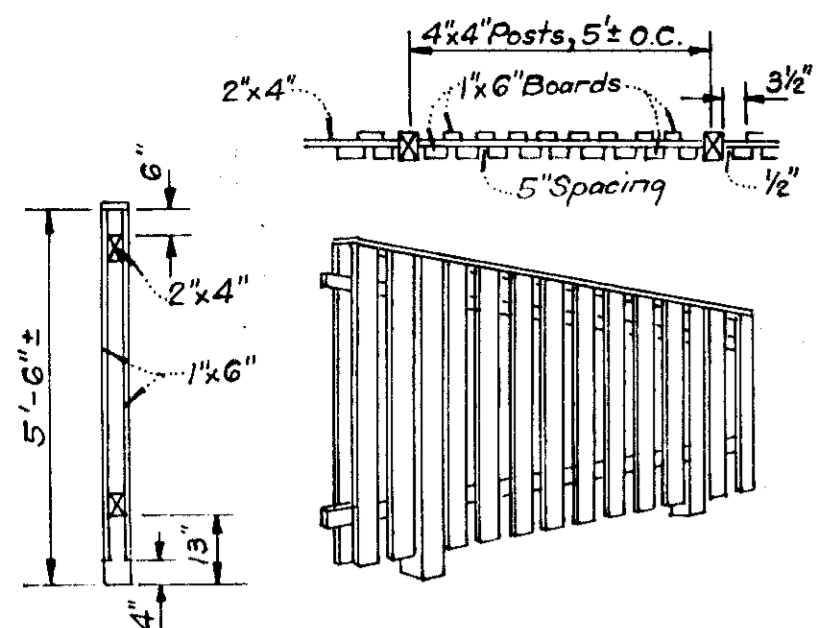


NOTE: Sewer House Connection for Lot 500 must be run at 1.00% grade in order to sewer basement. Existing connection elevation at R should be verified in the field prior to construction.

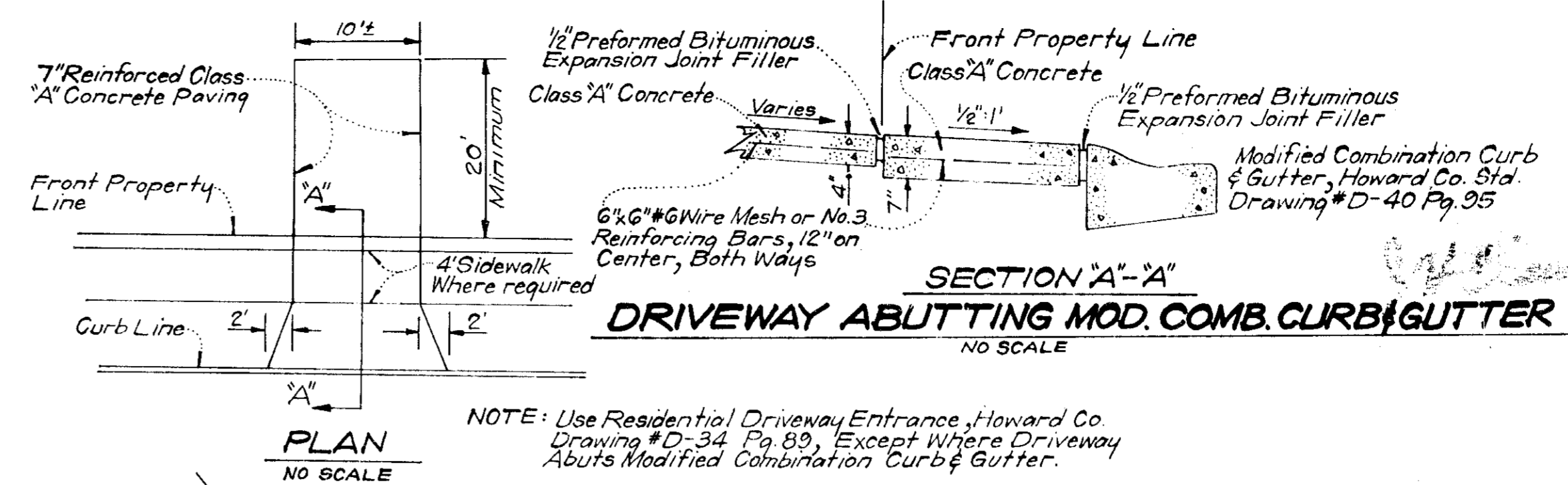
NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 18, Folio 54.



CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3600
DESIGNED BY: D.B.S.	SITE DEVELOPMENT PLAN LOTS 482-484, 486-493, 495-498, 500 & 501	SCALE: 1"=30'
DRAWN BY: K.W.C.	COLUMBIA VILLAGE OF LONGREACH SECTION I AREA I 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING: 20FS
CHECKED BY: D.B.S.	FOR: THE BLUM CORPORATION 1515 Reisterstown Road Pikesville, Md. 21208	JOB NO.:
DATE: Mar, 1975		FILE NO.: 1132-X

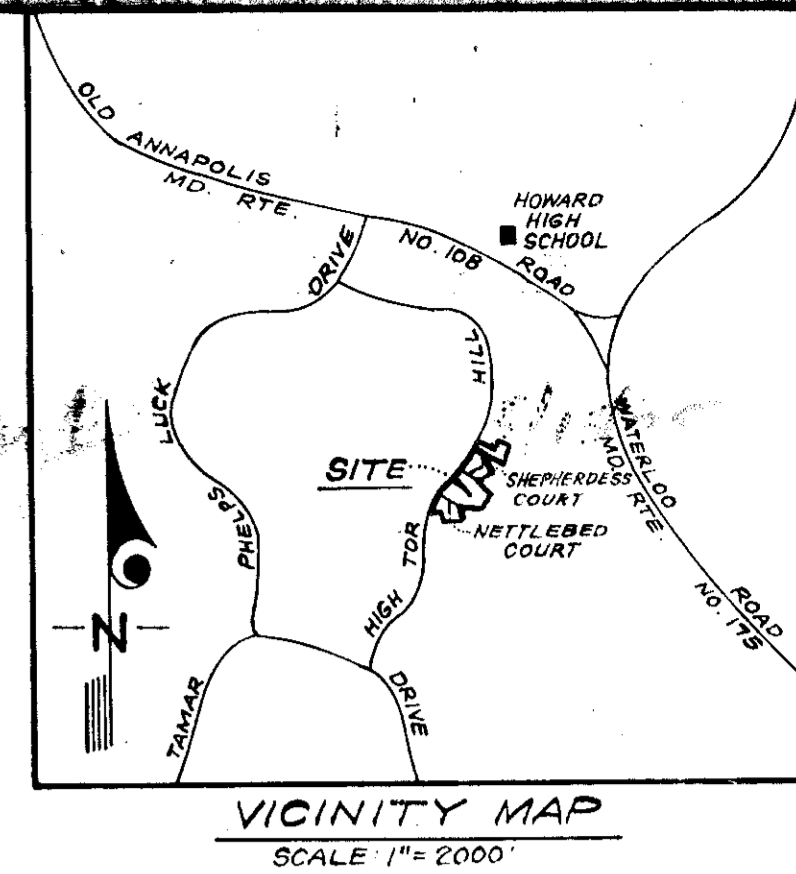


TYPICAL FENCE DETAIL
NO SCALE



PLAN
NO SCALE

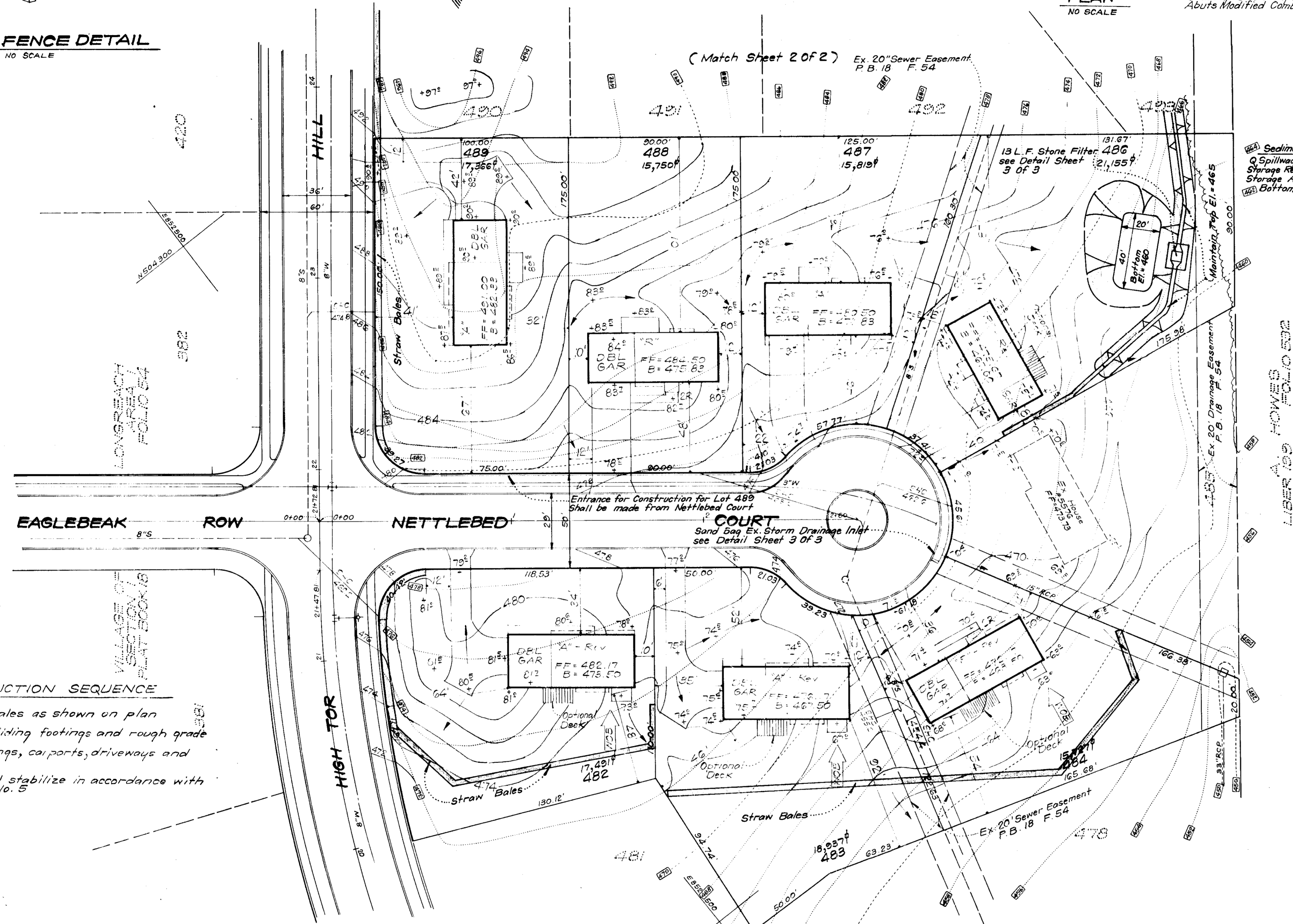
NOTE: Use Residential Driveway Entrance, Howard Co. Drawing #D-34 Pg. 89, Except Where Driveway Abuts Modified Combination Curb & Gutter.



VICINITY MAP
SCALE 1"=2000'

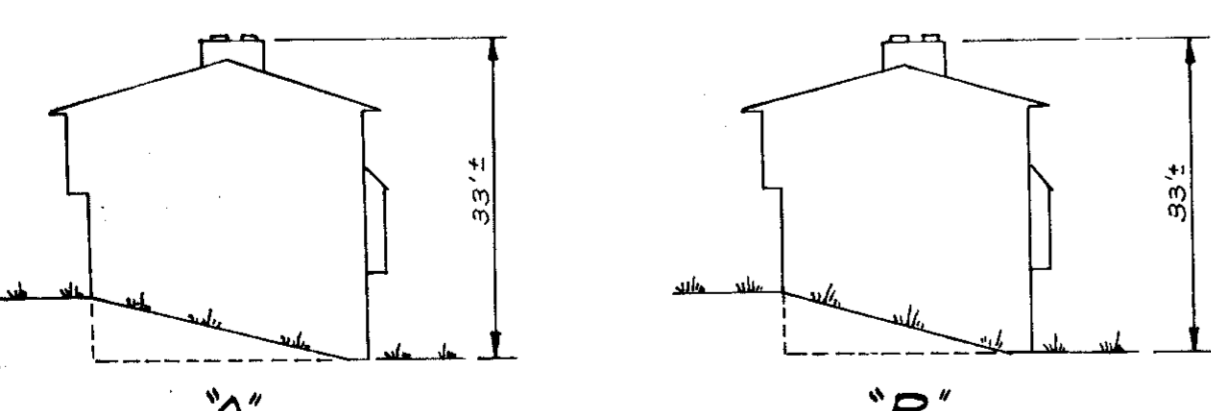
GENERAL NOTES

- 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 shall be Kentucky 31 applied at the rate of 1.4 lbs./1000².
- 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 3lbs./1000², mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% Annual Rye.
 - Fertilizer - 5-10-10 applied at the rate of 23lbs./1000² and ground agricultural lime or dolomitic lime applied at the rate of 48lbs./1000².
 - Mulch - Weed free grain straw applied at the rate of 70lbs./1000². 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 465-3160 or 465-5000, ext. 328.
- On site inspection and maintenance of all sediment control measures including cleanout 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 run off shall be provided by the use of an approved sediment control device, i.e. diversion dikes, straw bales, etc.
- Site Analysis:
 - Total Area: 6.8 Ac.
 - Area To Be Roofed: 0.7 Ac.
 - Area To Be Paved: 0.3 Ac.
 - Area To Be Seeded: 7.8 Ac.
 - Area Undisturbed: 0 Ac.
- The Contractor shall keep all public roads free of sediment deposits left from heavy truck traffic leaving construction site.



CONSTRUCTION SEQUENCE

- Install straw bales as shown on plan
- Excavate for building footings and rough grade
- Construct buildings, carports, driveways and sidewalks
- Final grade and stabilize in accordance with General Note No. 5



TYPICAL BUILDING ELEVATIONS
NO SCALE

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 _____

DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

CHIEF BUREAU OF HIGHWAYS _____ DATE _____

Reviewed for Howard Co. S.O.D. Name _____

and meets Technical Requirements _____ Date _____

Signature _____

U.S. Soil Conservation Service

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.

3-21-75 Date _____

Signature _____



CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

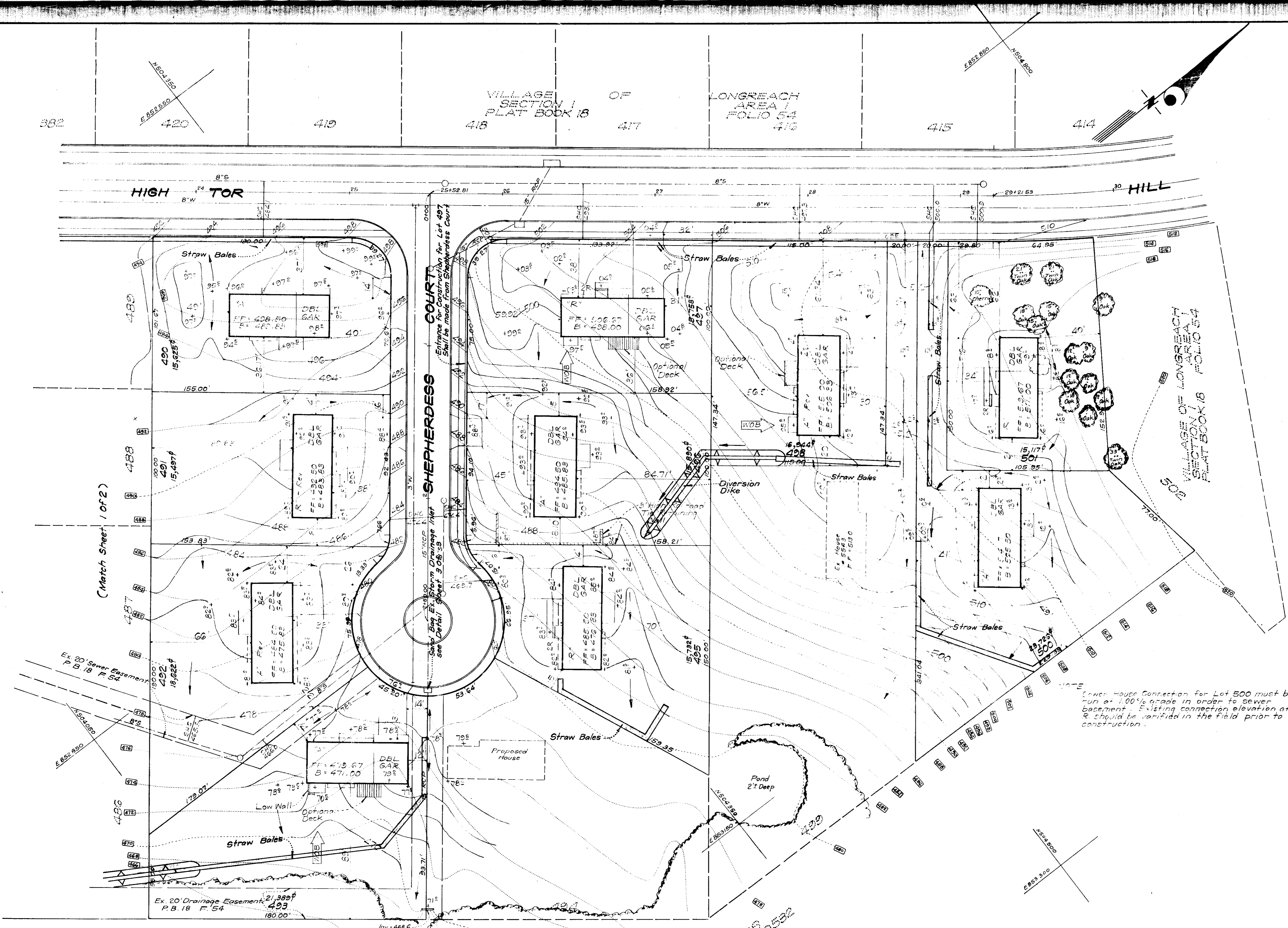
DESIGNED BY D.A.B. SCALE 1"=30'

DRAWN BY K.W.C. DRAWING NO. 3 OF 5

CHECKED BY D.A.B. JOB NO.

DATE Mar, 1975 FOR: THE BLUM CORPORATION, 1515 Reisterstown Road, Pikesville, Md. 21208 FILE NO. 1150-SE

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 5/18/75
 CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 W. J. Wilson DATE 4/1/75
 DIRECTOR DATE 5/18/75
 CHIEF BUREAU OF HIGHWAYS DATE



NOTE: Sewer House Connection for Lot 500 must be run at 1.00% grade in order to sewer basement. Existing connection elevation at R should be verified in the field prior to construction.

Reviewed by: *[Signature]*
 U.S. Department of Agriculture
 THIS DEVELOPMENT IS AS FURNISHED FOR THE U.S. DEPARTMENT OF AGRICULTURE, DIVISION OF SOIL CONSERVATION, WASHINGTON, D.C.

Approved: *[Signature]* Date: 3-21-75

LIBER 125 FOLIO 532

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 part of the site inspection by the Howard Soil Conservation District at their discretion. Erosion and Sediment Control measures shown on this plan will not be made unless authorized by the Howard Soil Conservation District.

Date: 3-21-75 Signature: *[Signature]*

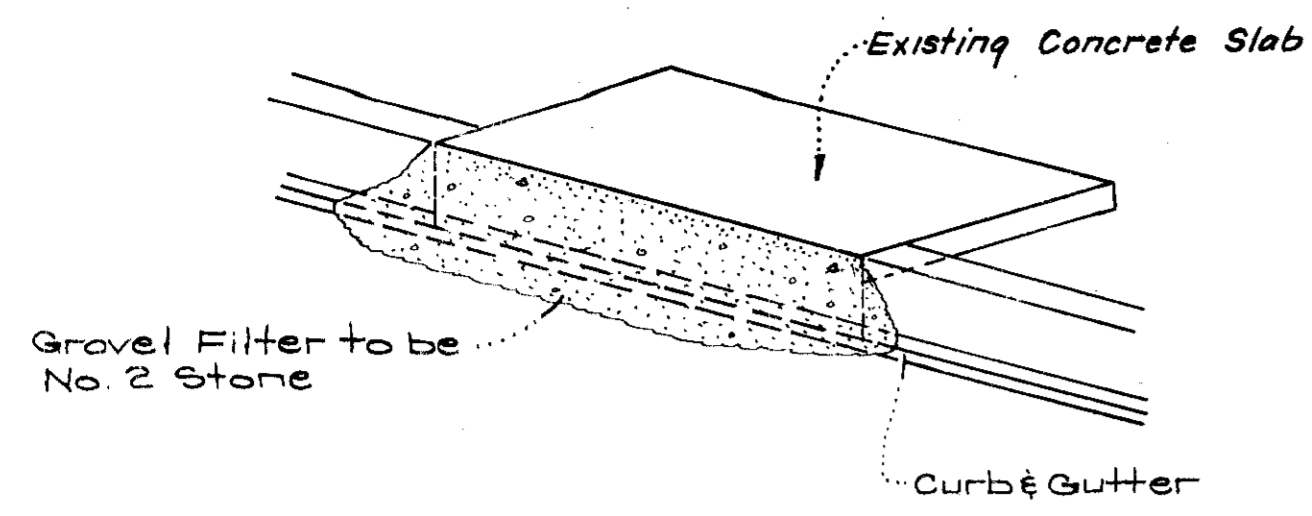
ENGINEER'S CERTIFICATE

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.

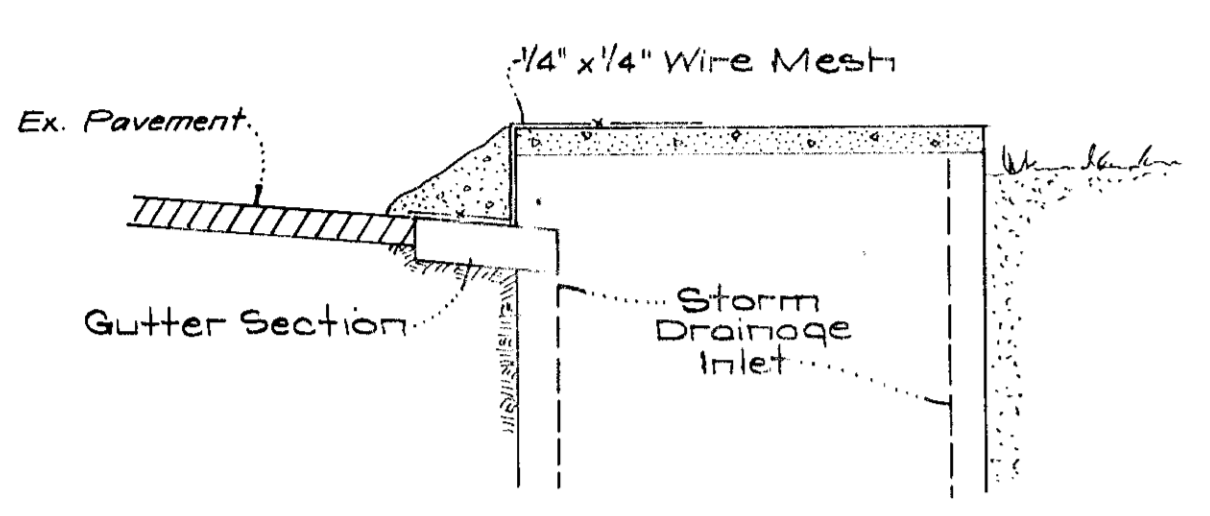
Date: 3-21-75 Signature: *[Signature]*
 G. Nelson Clark



CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11115 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583 3400		
DESIGNED	SDP # EROSION CONTROL PLAN	SCALE
D.A.B.	LOTS 482-484, 486-493, 495-498, 500 & 501	1"=30'
DRAWN	COLUMBIA	DRAWING
K.W.C.	VILLAGE OF LONGREACH	4 OF 5
CHECKED	SECTION I AREA 1	JOB NO.
D.A.B.	6TH ELECTION DISTRICT	
DATE	FOR: THE BLUM CORPORATION	FILE NO.
Mar. 1975	1515 Reisterstown Road	1150-SE
	Fikeville, Md. 21208	

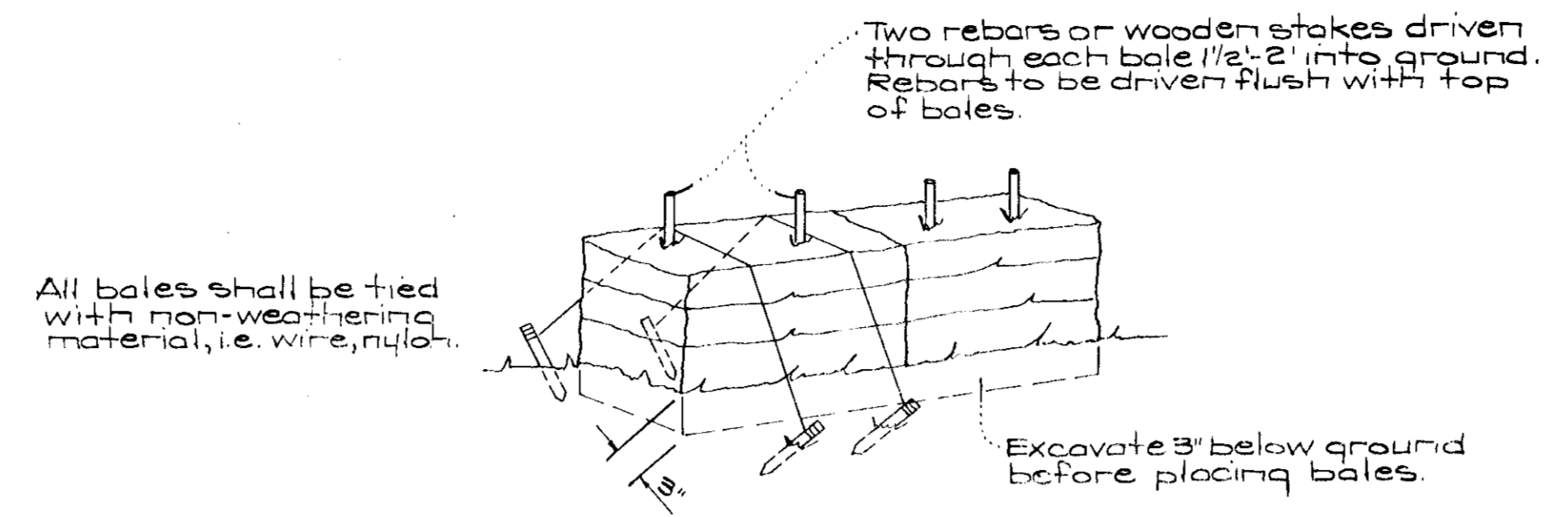


ISOMETRIC VIEW



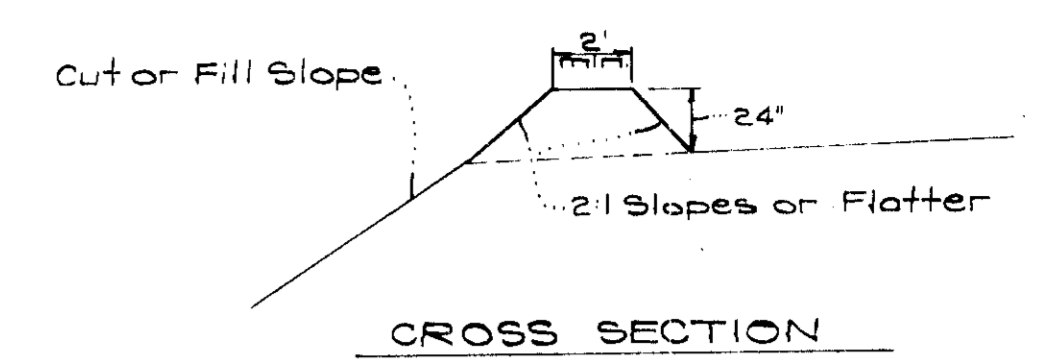
SECTION VIEW

STONE FILTER INLET PROTECTION DETAIL
No Scale

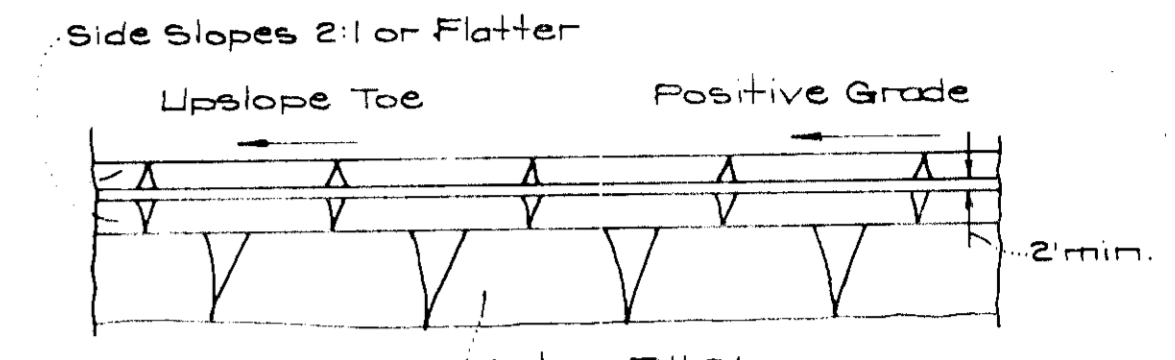


NOTE: In lieu of the use of rebar, each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

TYPICAL STRAW BALE DETAIL
No Scale

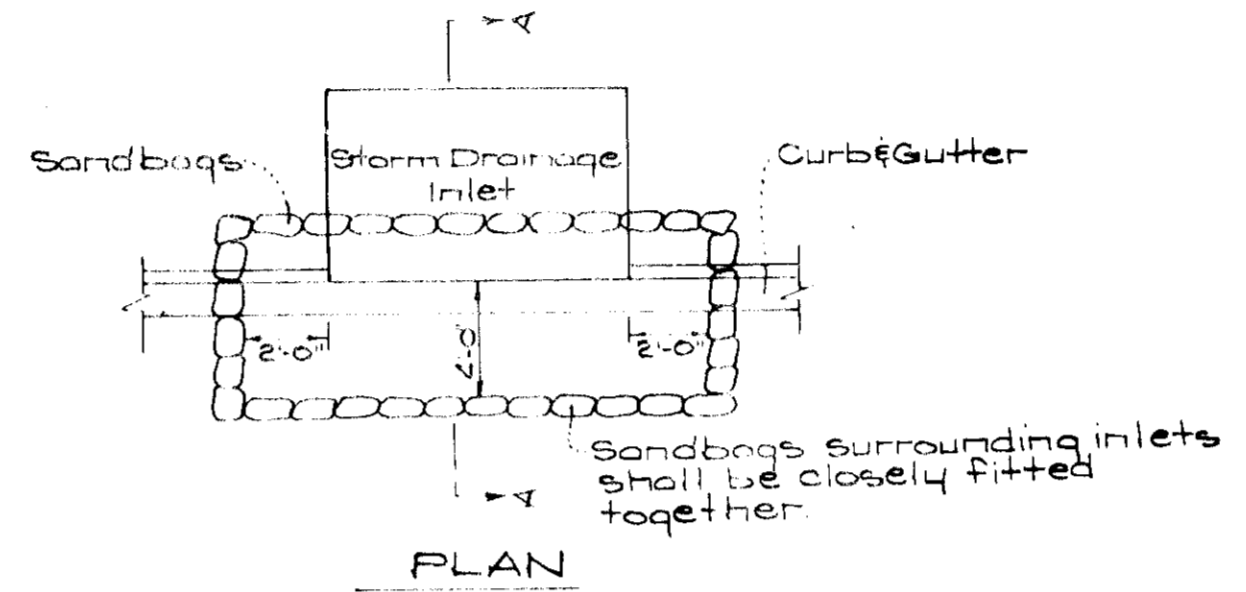


CROSS SECTION

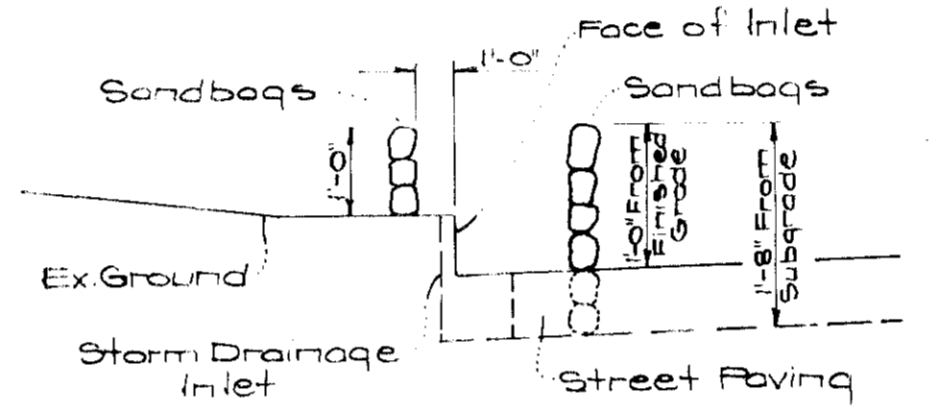


PLAN VIEW

DIVERSION DIKE
No Scale

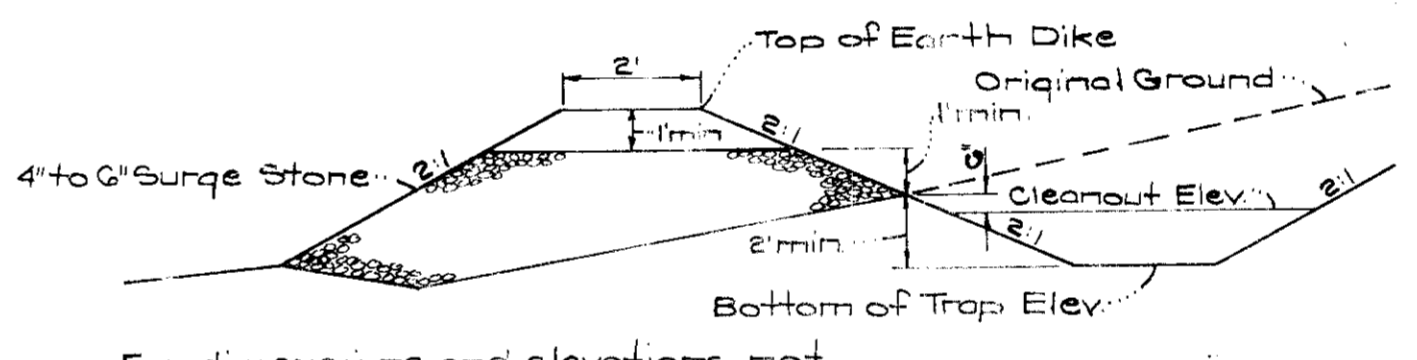


PLAN

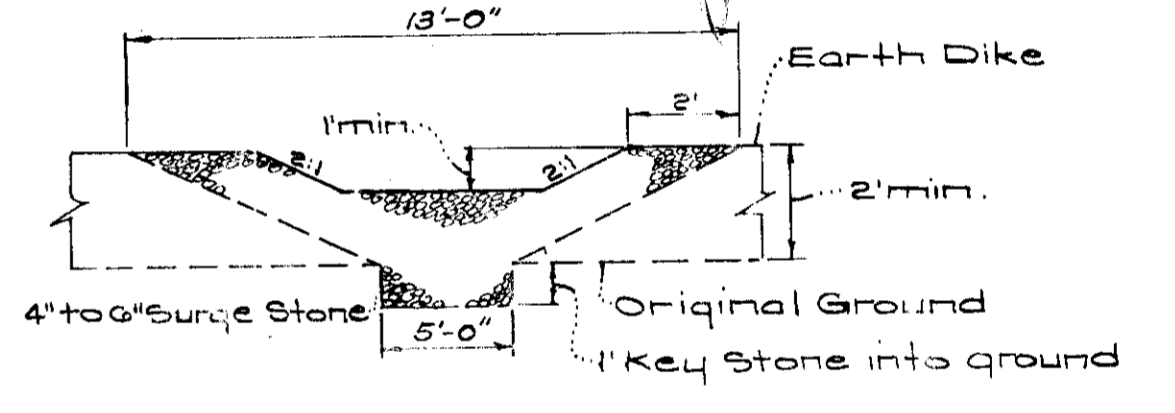


SECTION A-A

DETAIL OF SANDBAG BLOCKING FOR GRATE TYPE OR CURB OPENING INLETS
No Scale



TYPICAL PROFILE



TYPICAL SPILLWAY CROSS SECTION

SEDIMENT TRAP DETAILS

SEDIMENT TRAP NOTES

1. All Sediment Traps to be cleaned out when sediment reaches a level 6" below the original ground line.
2. Bottoms of all Sediment Traps to be level and constructed to the dimensions shown in plan view.
3. Spillways to be constructed through Earth Dikes adjacent to excavated portion of sediment trap.

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

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING

PLANNING DIRECTOR _____ DATE _____

PLANNING AND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, GROUNDWATER SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE _____

APPROVED: _____ Date: 3-2-75

DEVELOPER'S CERTIFICATE

I hereby certify that the development and construction of the project shown on the attached site plan and plat for the project of _____ and that the project complies with the provisions of the Howard County Code of Ordinances, Chapter _____, and that the project complies with the requirements of the Howard County Department of Public Works.

Date: 3-2-75 Signature: _____

ENGINEER'S CERTIFICATE

I hereby certify that the plan for the project and the location of the project are in accordance with the requirements of the Howard County Department of Public Works.

Date: 3-2-75 Signature: G. Nelson Clark



CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11515 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 584-3400		
DESIGNED D.A.B.	SEDIMENT EROSION CONTROL PLAN LOTS 482-484, 486-493, 495-498, 500 & 501	SCALE As Shown DRAWING
DRAWN SURVEY CHECKED G.N.C.	COLUMBIA VILLAGE OF LONGREACH SECTION I AREA I 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 50FS
DATE Mar., 1975	FOR: THE BLUM CORPORATION 1515 Reisterstown Road Pikesville, Md. 21208	FILE NO. 150-SE