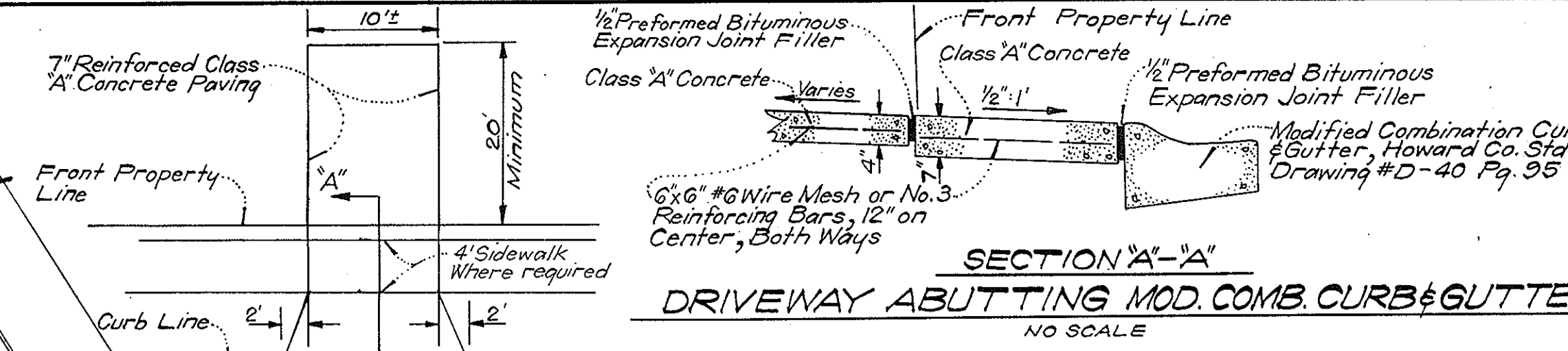


NOTES:  
 1. These Lots are covered by Final Development Plan Phase 136-I recorded in Plat Book 20 Folios 237 to 248.  
 2. The Area covered in this submission is located on Tax Map 36, Parcel No. 291.

Bench Mark  
 Nail Washer in 12" Oak Elev. 377.27

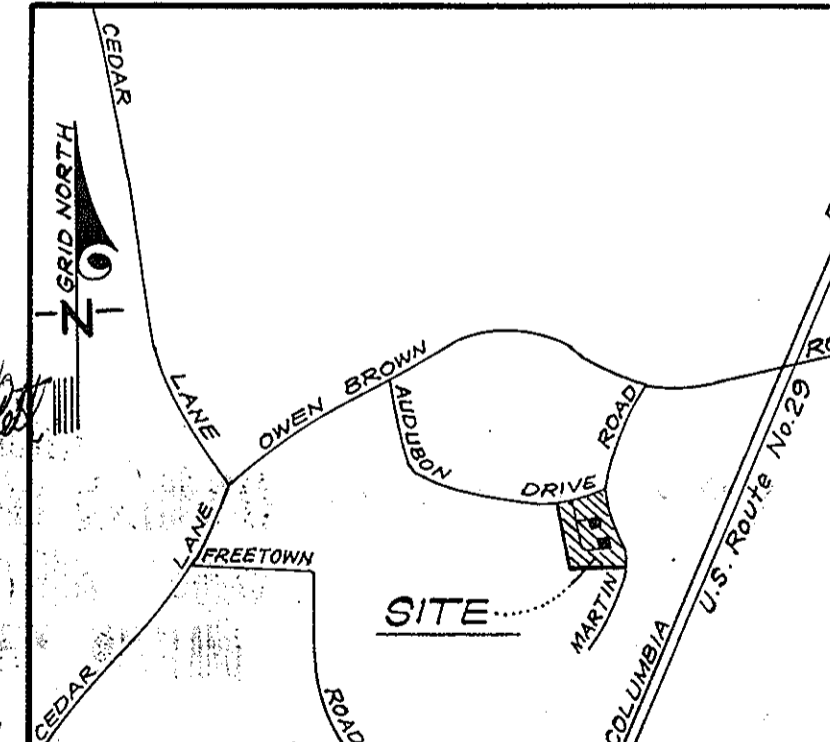
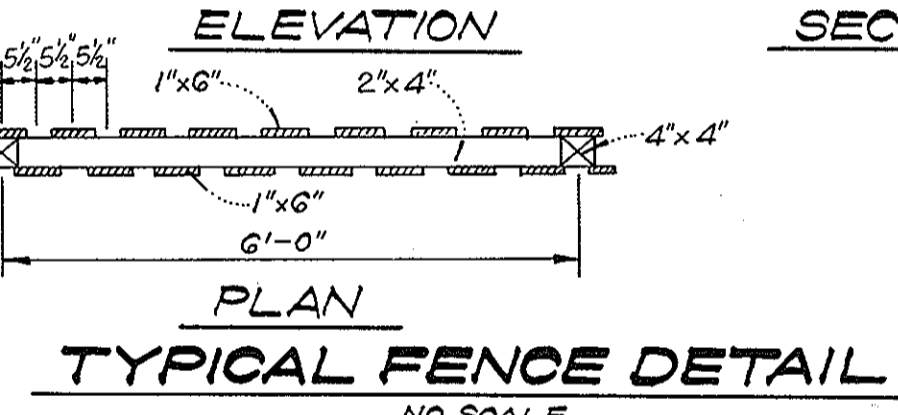
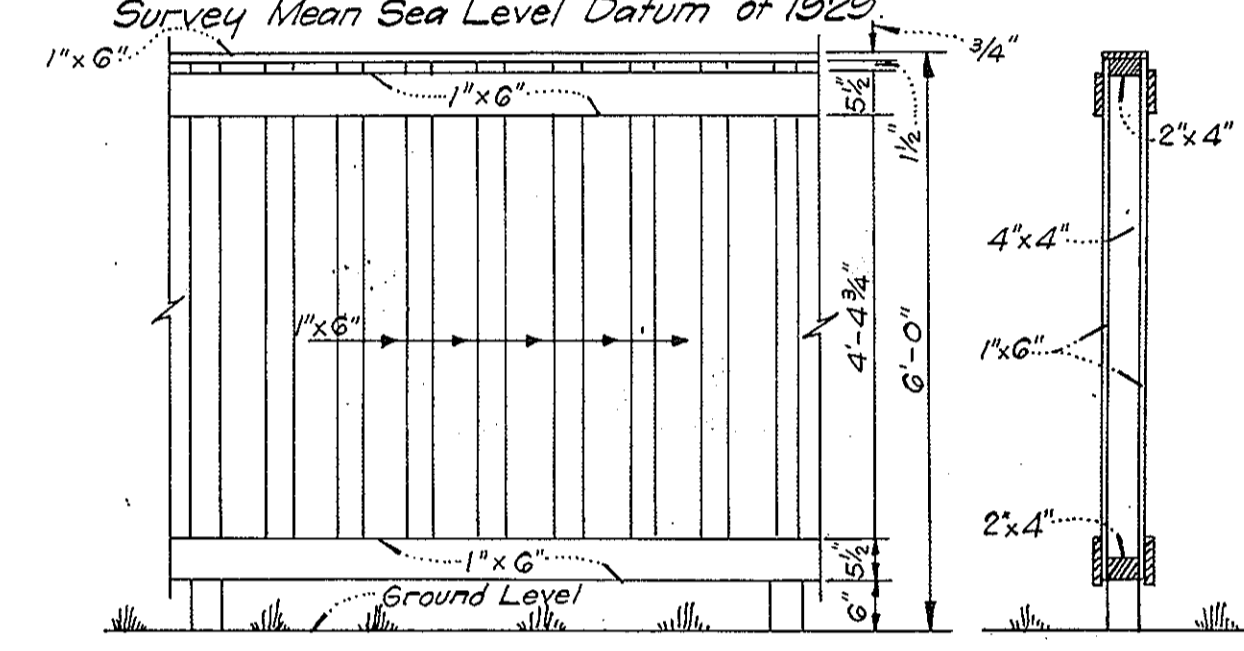
- BUFFER PLANT LIST**
- 10'-2 1/2" - 3" CAL./12'-14" HT. PLATANUS ACERIFOLIA/NORWAY MAPLE ALT./ TREE SPADE (H.R.D.)
  - 11'-2 1/2" - 3" CAL./18'-10" HT. PRUNUS BEN HISAN/YEDDENSIS ALT./ TREE SPADE
  - 9'-3" - 3 1/2" CAL./8'-10" HT. PINUS RESINOSA/TREE SPADE
  - 8'-2 1/2" - 3" CAL./6'-8" HT. PINUS RESINOSA/TREE SPADE



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 380
- Proposed Contours 380
- Spot Elevations +80±
- Direction Of Drainage →
- Retaining Wall
- Yard Requirements:  
 Front - 20' On 50' Wide Streets  
 Side 7.5' (Min.)
- Walk Out Basement WOB
- Wood Fence
- 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.



Professional Engineer Seal for Donald S. Sackett, State of Maryland, License No. 1096-X.

NOTE: For bearing and distances of individual lot lines, see record plat recorded in Plat Book 25 Folio 30.

No.	REVISIONS	DATE
1	Elevation Designations Added ex. (L to L-2)	7-11-74

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: [Signature] DATE: 8/1/74

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: [Signature] DATE: 8-2-74

CHIEF DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
 [Signature] DATE: 9/2/74

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: [Signature] DATE: 7/2/74

CHIEF BUREAU OF HIGHWAYS  
 [Signature] DATE: 7/31/74

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

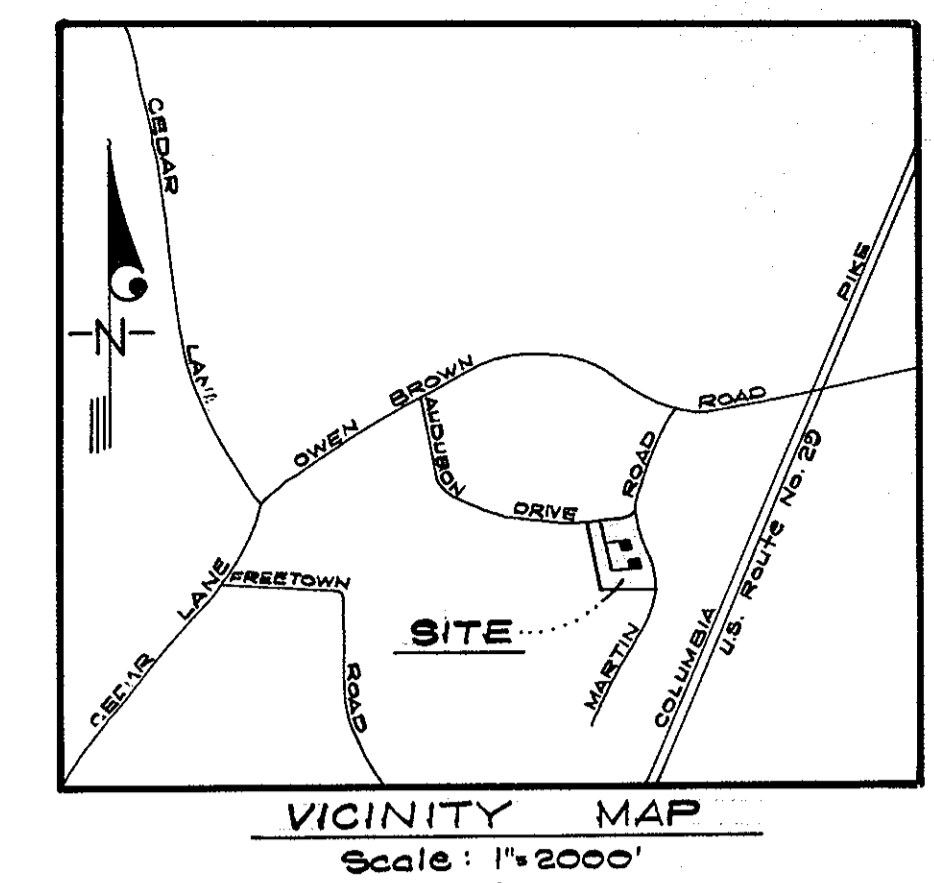
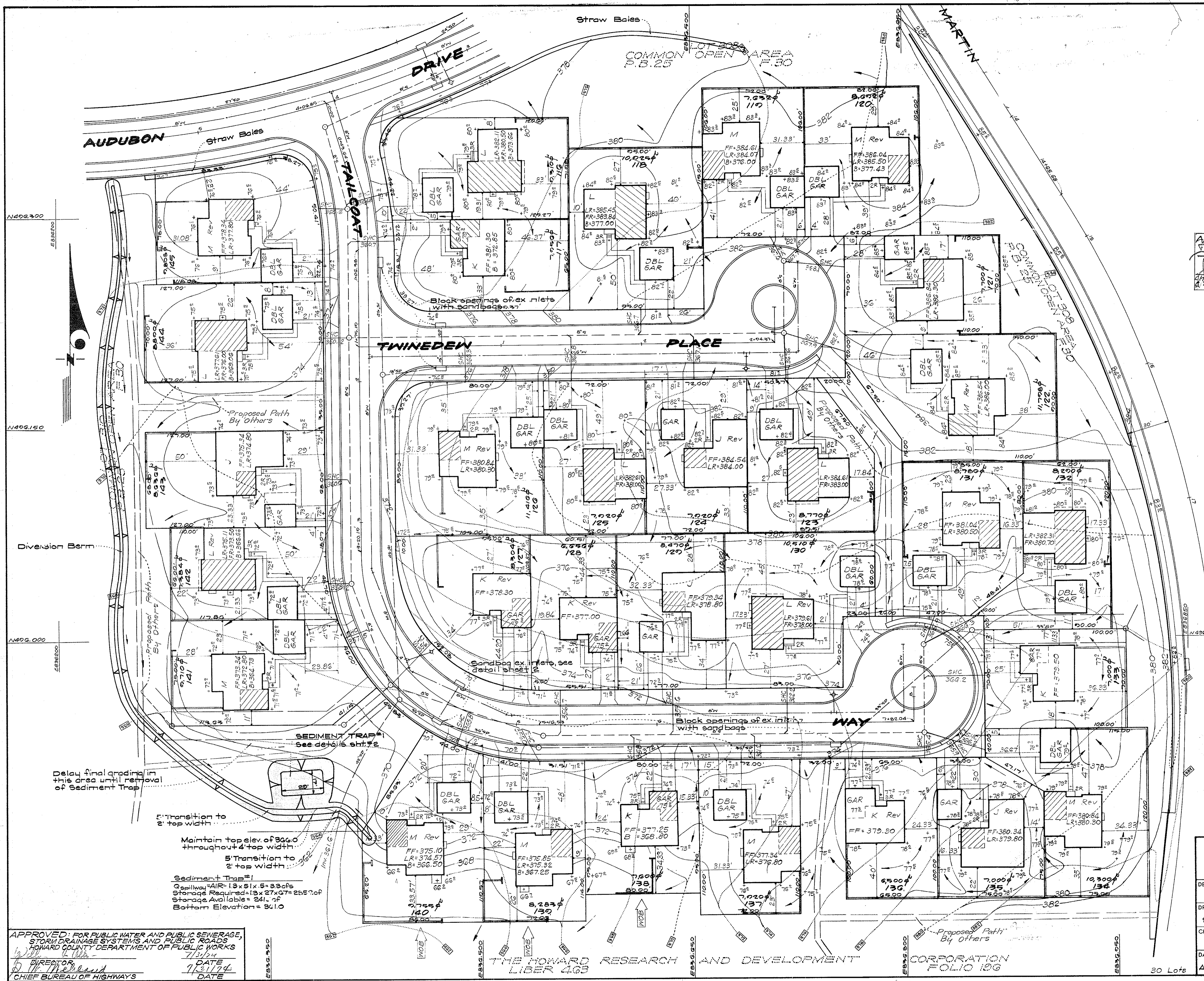
DESIGNED: WRMC  
 DRAWN: KWC  
 CHECKED: WRMC  
 DATE: Feb., 1974

**DEVELOPMENT PLAN**  
 LOTS 116-145  
**COLUMBIA**  
 VILLAGE OF HICKORY RIDGE  
 SECTION 1 AREA 2  
 5<sup>TH</sup> ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

FOR: JEFFREY SNEIDER & Co., Inc.  
 7000 Westpark Drive, Suite 700  
 McLean, Virginia 22101

SCALE: 1" = 30'  
 DRAWING: 1 OF 3  
 JOB NO.:  
 FILE NO.: 1096-X

THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION FOLIO 196



APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR  
 CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING

Reviewed for... Howard... S.C.D.  
 and meets Technical Requirements  
 Signature: James M. ... Date: 7-29-74  
 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. Ziehm Date: 7-29-74

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.  
 Date: 4-30-74 Developer: [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: 4-24-74 G. Nelson Clark



Note: See sheet 2 of 2 for General Notes.

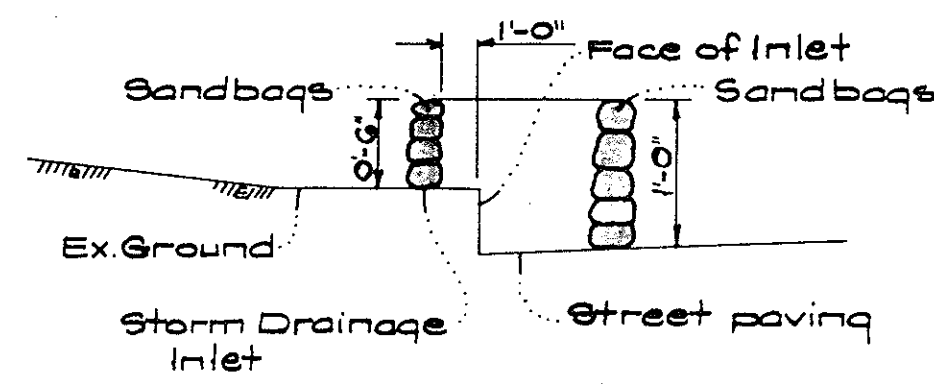
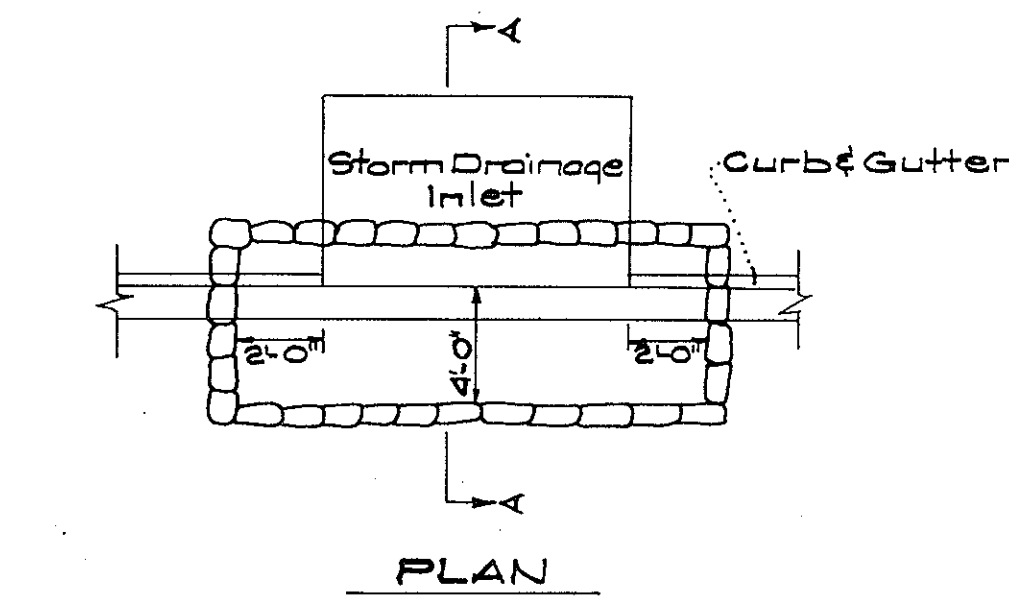
<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED	R.J.S.	SCALE 1"=30'
DRAWN	SUZAN	DRAWING NO. 203
CHECKED	G.N.C.	JOB NO.
DATE	APR 1974	FILE NO. 1130 S.
PROJECT: <b>SEDIMENT EROSION CONTROL PLAN</b> <b>COLUMBIA</b> VILLAGE OF HICKORY RIDGE SECTION 1 AREA 2 5 <sup>TH</sup> ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: JEFFREY SNEIDER & Co., INC. 7000 Westpark Drive, Suite 700 McLean, Virginia, 22101		

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: [Signature] DATE: 7/31/74  
 CHIEF BUREAU OF HIGHWAYS

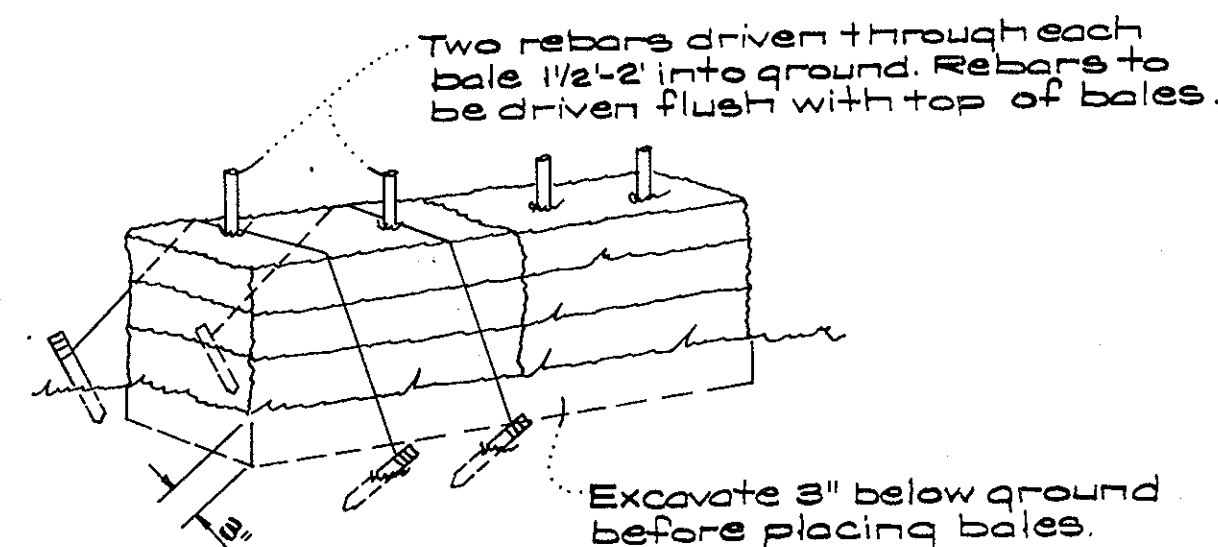
THE HOWARD RESEARCH AND DEVELOPMENT CORPORATION FOLIO 133

**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.
- Notify the Howard Soil Conservation District 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% Chewinq Fescue, 20% Kentucky 31, and 20% Annual Ryegrass.
  - Fertilizer - 5-10-10 applied at the rate of 23 lbs./1000 sq. ft. and 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 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.
- Onsite inspection and maintenance of all sediment control measures including cleanout of sediment traps and berms, 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 lots from sediment runoff shall be provided by the use of an approved sediment control device, i.e. stone filter berms, straw bales, etc.
- Ex. storm drain inlets at low point in Tailcoat Way (Sta. 4+50±) shall be sandbagged per detail sht #2. All other inlets in Tailcoat Way and Twinedew Place shall have the curb openings blocked with sandbags.



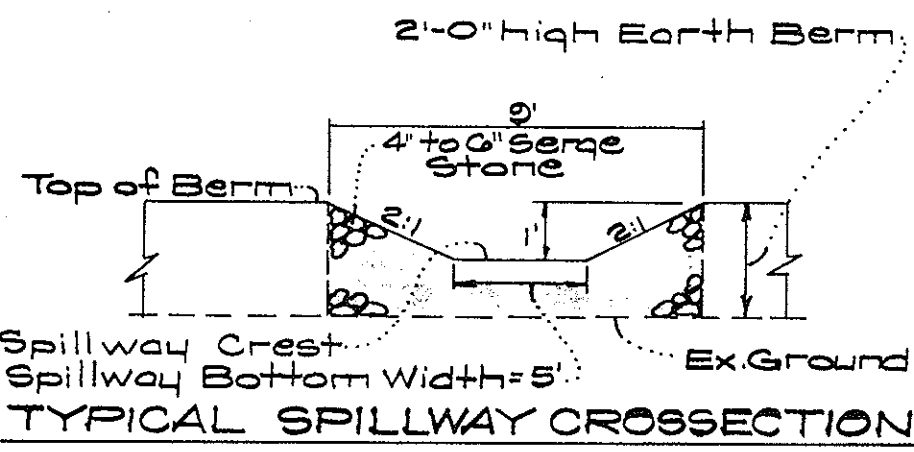
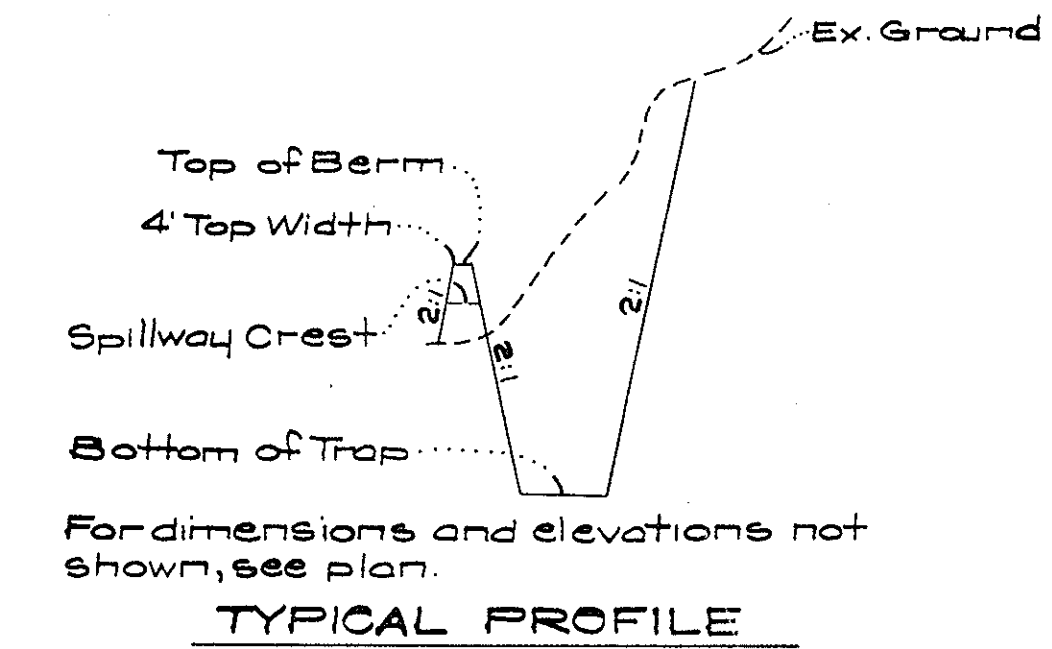
**SECTION A-A**  
**DETAIL OF SANDBAG BLOCKING OF EX. STORM DRAINAGE INLETS**  
No Scale



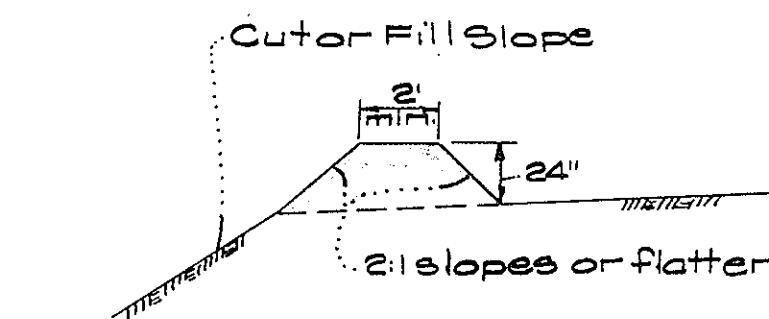
**TYPICAL STRAW BALE DETAIL**  
No Scale

**SEDIMENT TRAP NOTES**

- All Sediment Traps to be cleaned out when sediment reaches a level 3' below top of berm.
- Bottoms of all Sediment Traps to be level and constructed to the dimensions shown in plan view.
- Spillways to be constructed through Earth Berms adjacent to excavated portion of Sediment Trap.



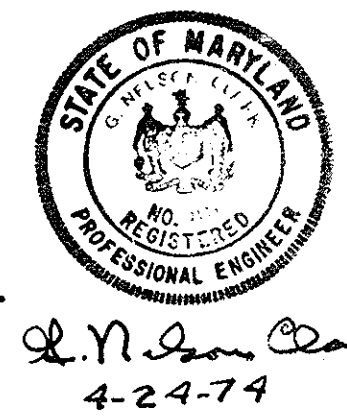
**SEDIMENT TRAP DETAILS**  
No Scale



**CROSS SECTION DIVERSION BERM**  
No Scale

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 5-30-74  
*J. [Signature]*

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
PLANNING DIRECTOR  
DATE 8-2-74  
CHIEF DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
DATE 8/2/74  
APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
DIRECTOR  
DATE 7/31/74  
CHIEF BUREAU OF HIGHWAYS  
DATE



<b>CLARK • FINECROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400		
DESIGNED	R.J.S.	SCALE
DRAWN	Suzan	As Shown
CHECKED	G.N.C.	DRAWING 3 of 3
DATE	Apr 1974	JOB NO.
FOR: JEFFREY SNEIDER & CO., INC. 7800 Westpark Drive Suite 700 McLean, Virginia 22101		FILE NO.
		1180-SE