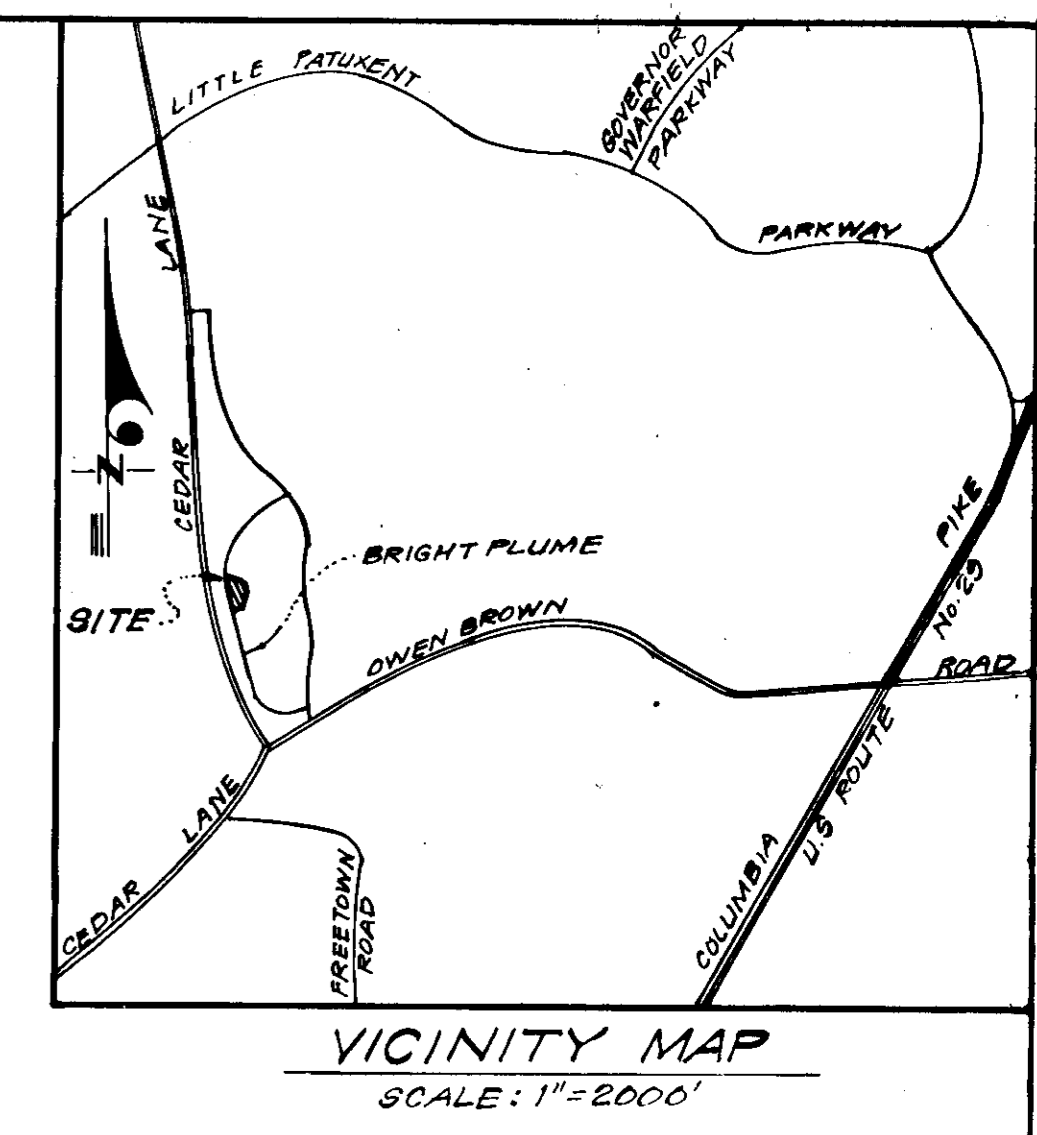


LEGEND

- 1. Contour Interval 2 FT.
- 2. Existing Contours
- 3. Proposed Contours
- 4. Spot Elevations
- 5. Direction of Drainage
- 6. Existing Water Main
- 7. Existing Sanitary Sewer
- 8. Existing Storm Drain
- 9. Existing Trees to be Retained
- 10. 50 Year Flood Plain Elevations

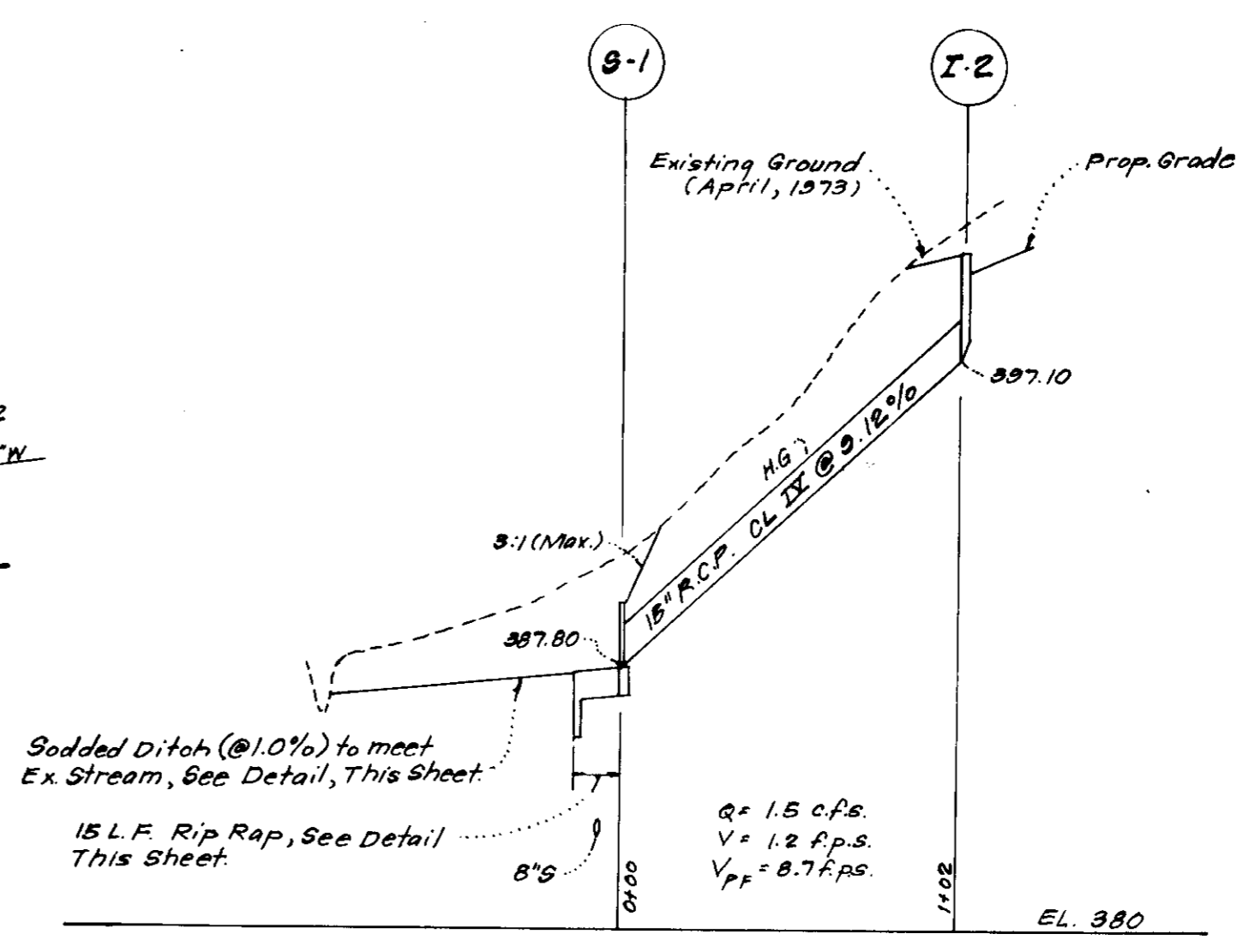


GENERAL NOTES

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 143 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. 95, Parcels 283.
5. The total area included in this plan is 1.851 Acres
6. Installation of all Traffic Control Devices shall be in accordance with the latest Edition of the Manual of Uniform Traffic Control Devices.
7. All public facilities shown are existing, i.e. roads, storm drain lines, water and sewer lines and easements. Sidewalk shown on Bright Plume was taken from the approved construction Plans.
8. Recording References: Lots N-1-N-11 were recorded in Plat 3535.
9. Public Water & Sewer to be utilized.
10. Developer shall be responsible for any damage to County owned Rights-of-Way or Paving.
11. Floodplain elevations indicated thus * are based on a 100 year storm as per plat reference 3535.

SITE ANALYSIS

1. Zoning: New Town (Single Family Medium Density)
2. Number of Lots Shown: Residential: 10
Community Owned: 1
Total: 11
3. Area Included in this Submission: Residential: 1.109 Acres
Community Owned: 0.742 Acres
Total: 1.851 Acres
4. Number of Parking Spaces Required: 20
5. Number of Parking Spaces Provided: 22

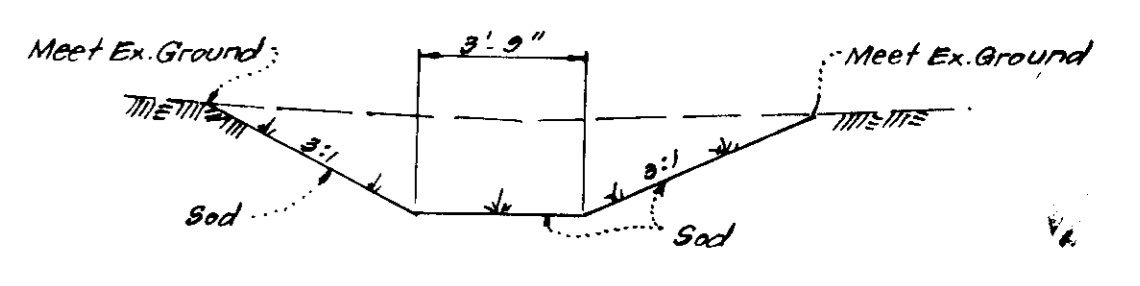


STORM DRAIN PROFILE

HORIZ. 1"=50'
VERT. 1"=5'

PIPE SCHEDULE

SIZE	TYPE	LENGTH
15"	R.C.P. CL. IX	102 L.F.



SODDED DITCH DETAIL

STRUCTURE SCHEDULE

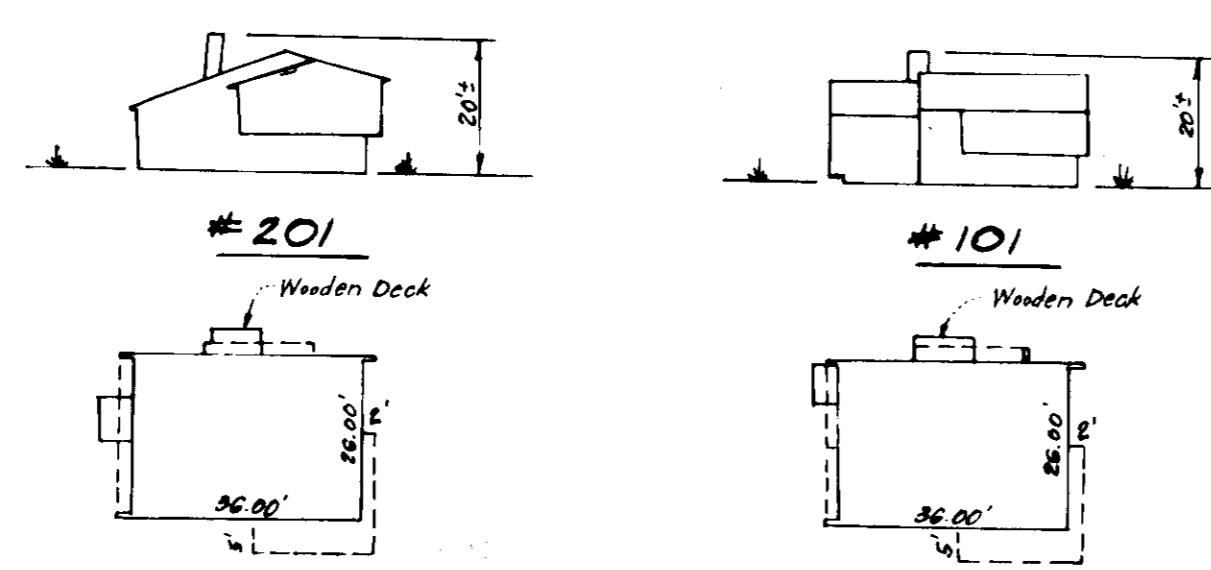
No.	TYPE	TOP ELEVATION	REMARKS	INVERTS
I-2	A-10 Inlet	4.00.50	Howard Co. Std. 6-4-A, Pg. 110-A	IN --- OUT 397.10'
B-1	C End wall	---	Howard Co. Std. D-52, Pg. 107	397.80 ---

NOTE: For Bearings and Distances of Individual Lot Lines, See Plat recorded as Plat. 3535.

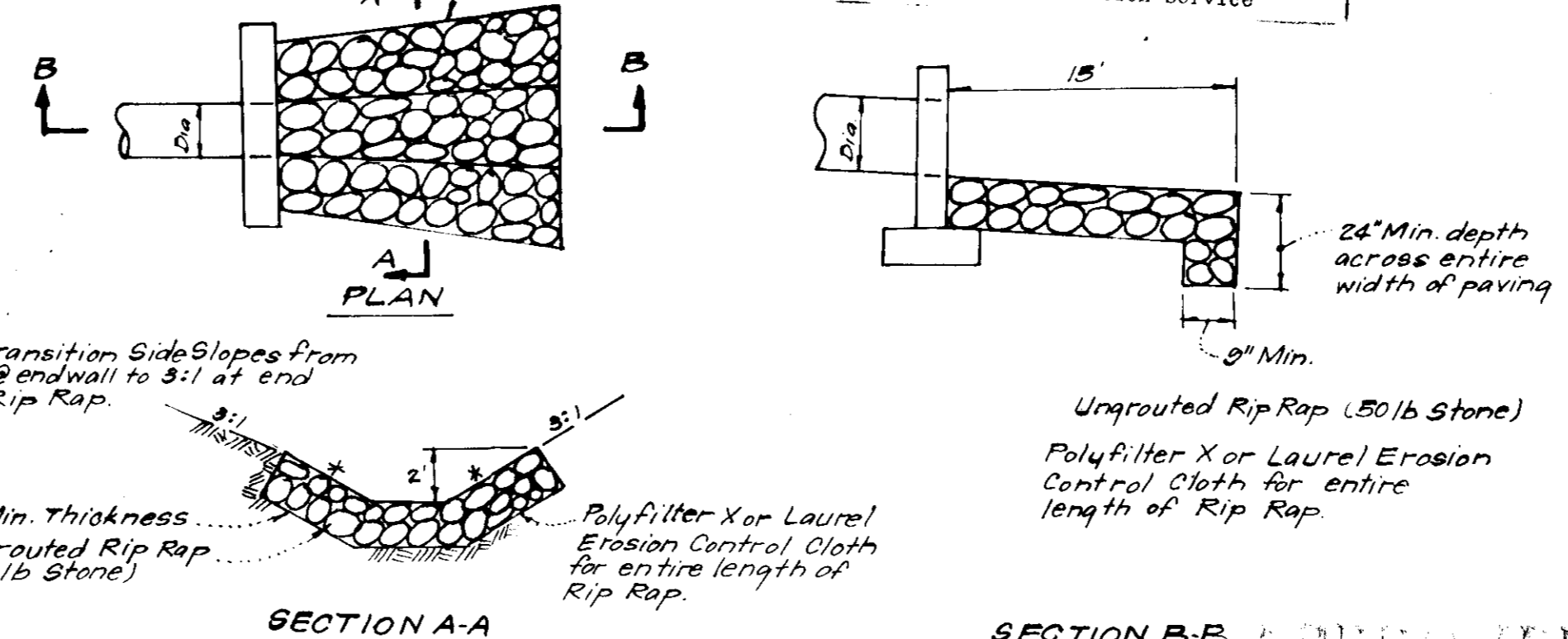
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Approved: Robert W. Zehn 12/29/77
HOWARD CO. S.C.D.

Reviewed for: HOWARD S.C.D.
and meet Technical Requirements
C. Wayne Ray Date 12/29/77
Signature
U.S. Soil Conservation Service



TYPICAL HOUSES
NO SCALE



RIP RAP PAVING DETAILS
NO SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
DATE 2-1-78
PLANNING DIRECTOR
DATE 2-7-78
CHIEF DIVISION OF LAND DEVELOPMENT
DATE 2-7-78
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE 1-30-78
CHIEF ENGINEER OF HIGHWAYS DATE

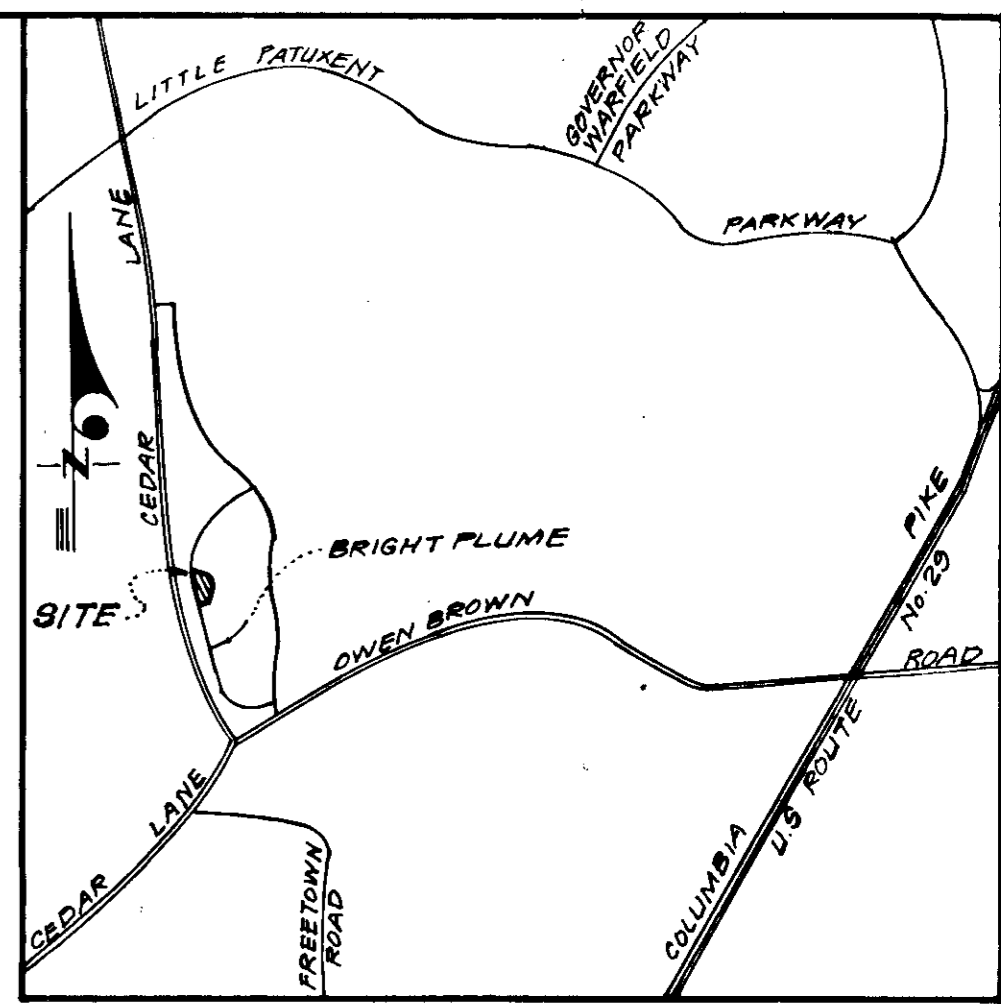
CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED: SITE DEVELOPMENT PLAN LOTS N-1 THRU N-11
DRAWN: W.R.M.S. SCALE 1"=30'
K.I.W. DRAWING 10f3
CHECKED: W.R.M.E. JOB NO.
DATE FOR: CONTEMPCO HOMES FILE NO.
July, 1977 Suite 407, One Mall North 10425 Gov. Workfield Pkwy. Col., Md. 21044 1283-X

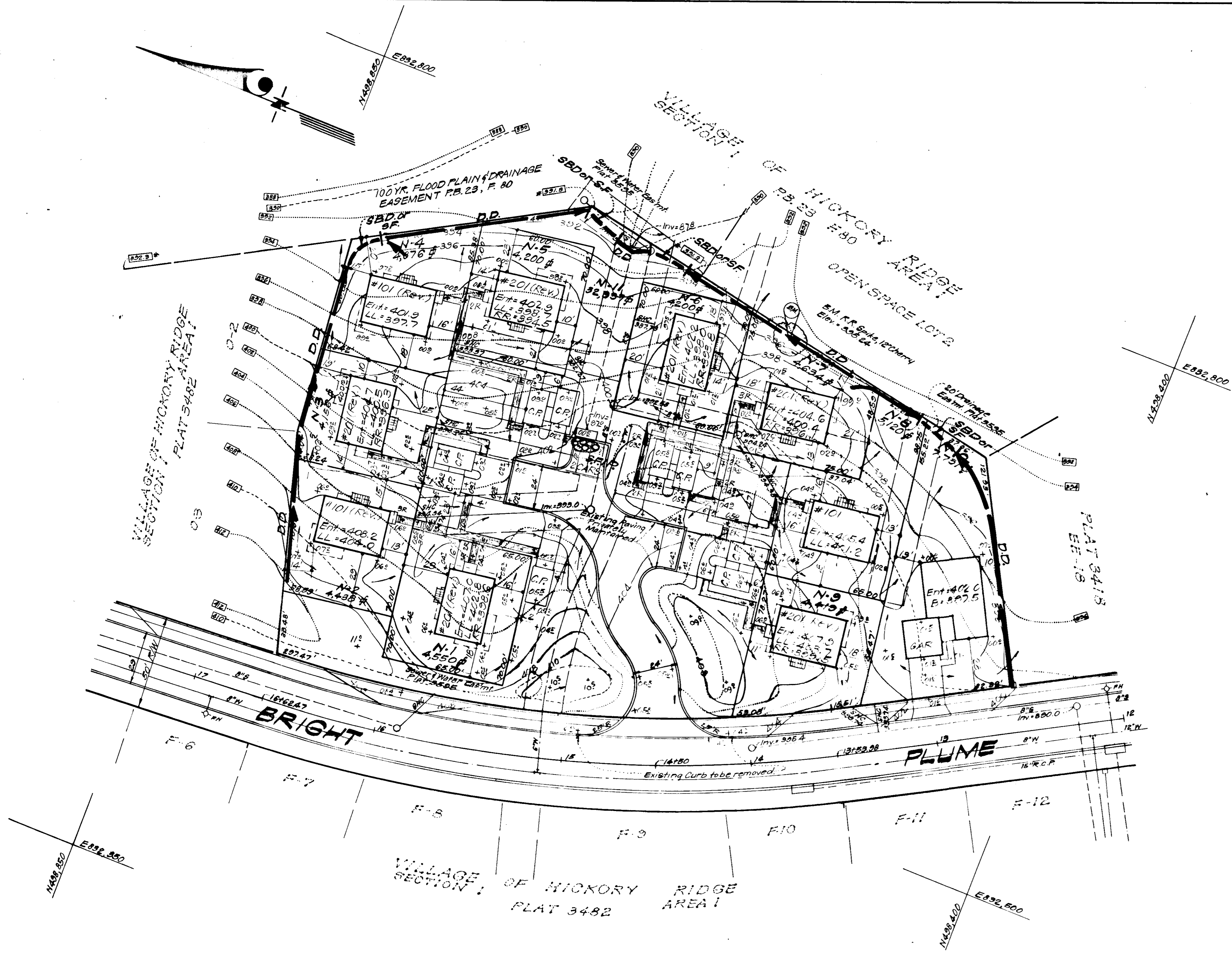
SDP 78-48

LEGEND

1. Contour Interval 2 FT
2. Existing Contours - - - - - 390
3. Proposed Contours - - - - - 390
4. Spot Elevations +90E
5. Direction of Drainage - - - - -
6. Existing Water Main - - - - - 8" W
7. Existing Sanitary Sewer - - - - - 8" S
8. Existing Storm Drain - - - - - 16" R.C.P.
9. Existing Trees to be Retained
10. 100 Year Flood Plain Elevations 391.5'
11. Diversion Dike - - - - - D.D.
12. Straw Bale Dike or Silt Fence - - - - - S.B.D. or S.F.
13. Stone Filter Inlet Protection



VICINITY MAP
SCALE: 1"=2000'



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 12-7-77

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 2-1-78
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 2-1-78
DIRECTOR DATE

Reviewed for HOWARD S.C.D. Name
and meets Technical Requirements
[Signature] 12/29/77... Date
U.S. Soil Conservation Service

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

[Signature] 12/29/77
Approved 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 & 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] 1/13/77
Signature Date

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 conforms to all ordinance with the requirements of the Howard Soil Conservation District.

[Signature] 7-22-77
G. Nelson Clark Date



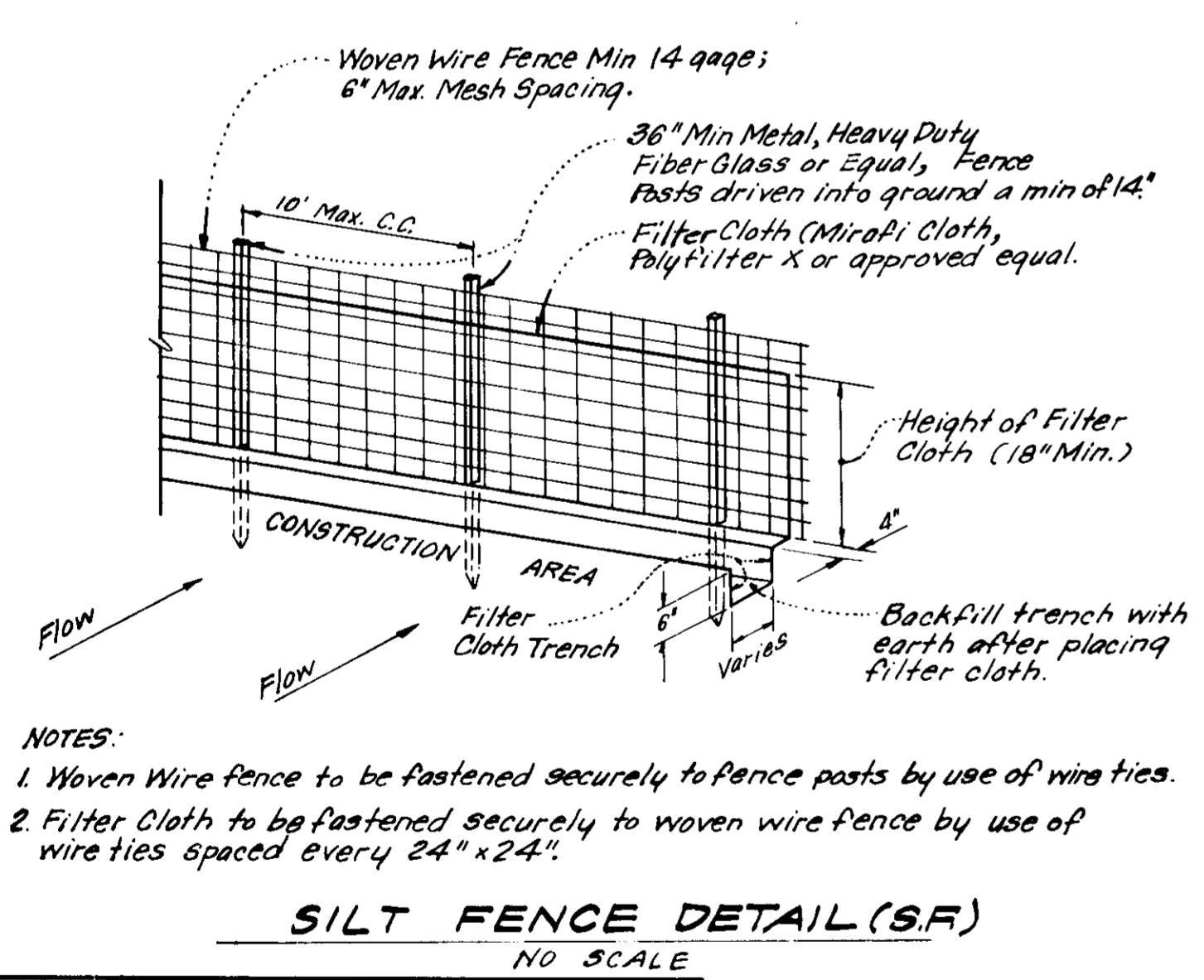
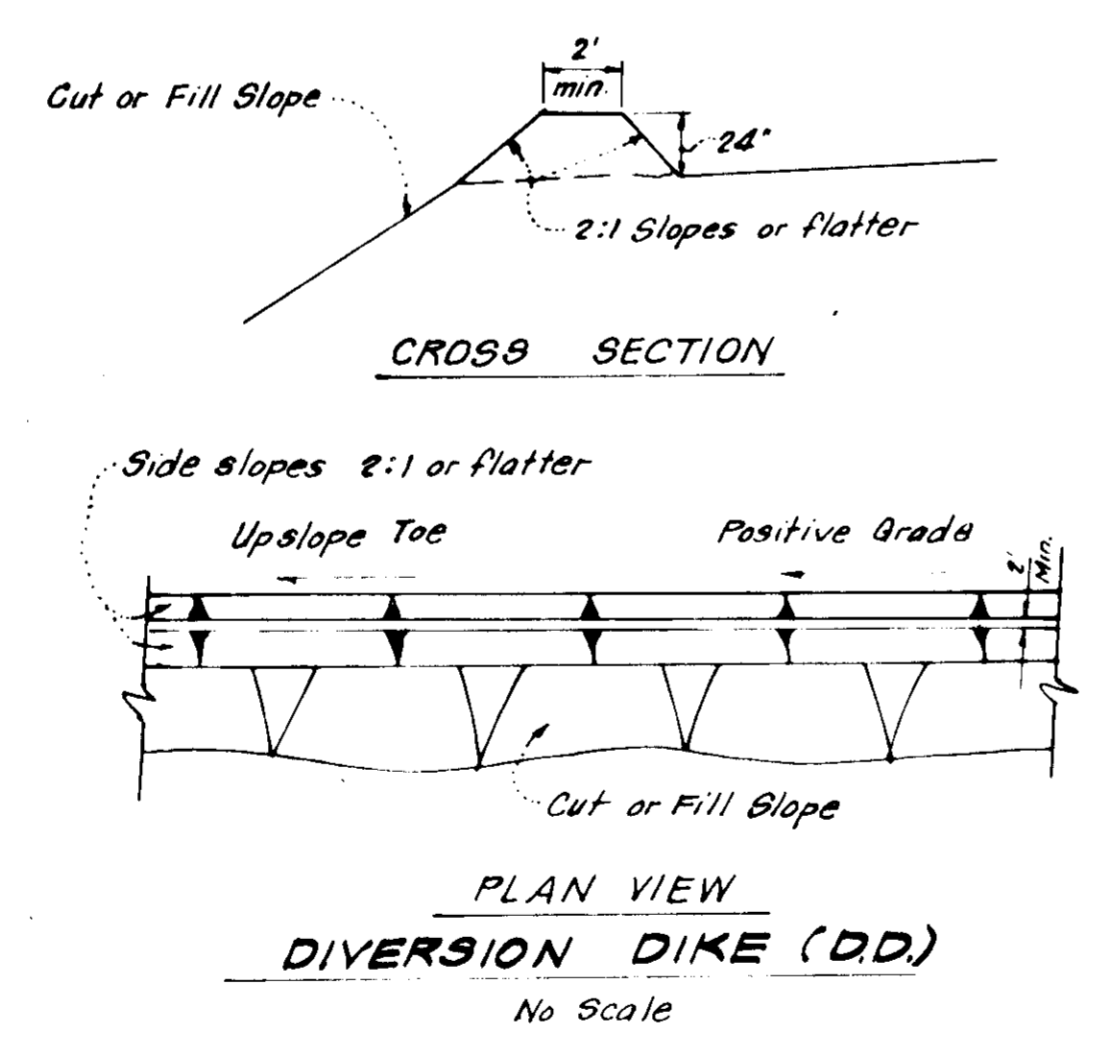
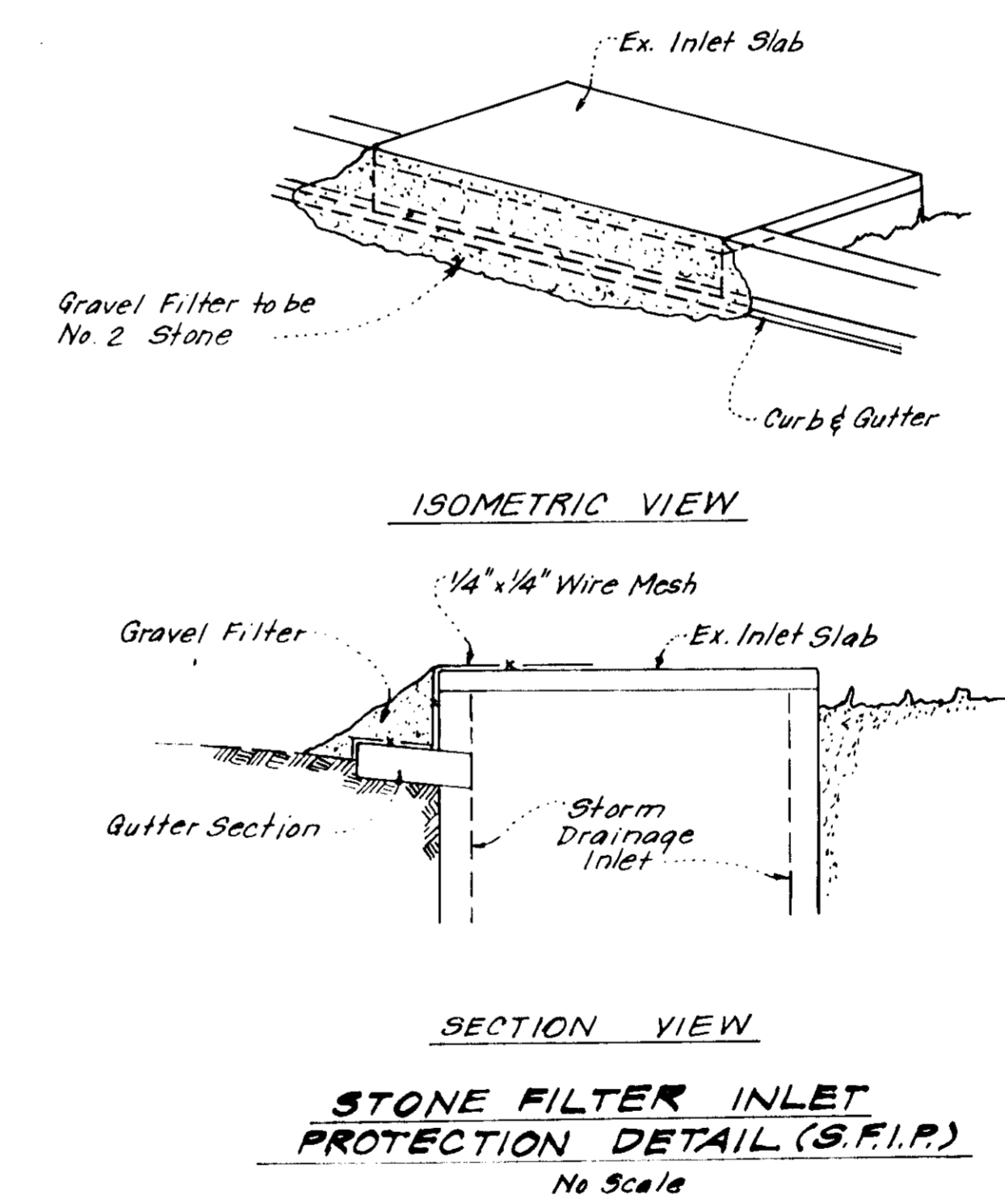
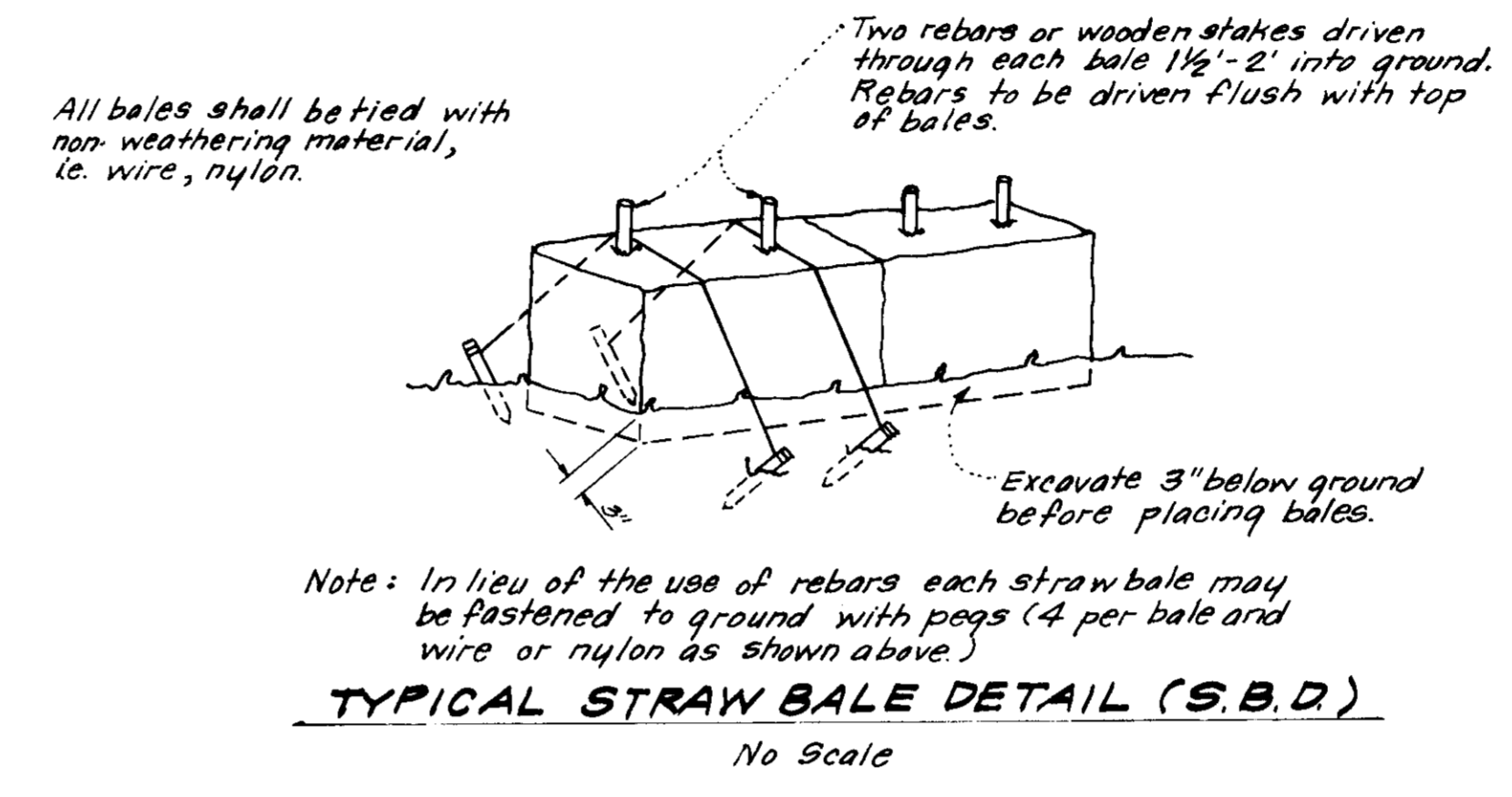
NOTE: For Bearings and Distances of Individual Lot Line, See Plat recorded as Plat. 3595.

<p>CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS</p>		
DESIGNED R.J.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS N-1 THRU N-11 COLUMBIA THE VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN K.I.W.		DRAWING 2 of 3
CHECKED D.A.B.		JOB NO.
DATE July, 1977	FOR: CONTEMPO HOMES Suite 407, One Mall North, 12055 Gov. Warfield Pkwy. Col., Md. 21044.	FILE NO. 1256-SE

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 the rate of 1.4 lbs / 1000 sq. ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs 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 3lbs/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 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 Bureau of Inspections and Permits.
- 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, etc.
- Site Analysis:

Total Area:	1.851 Acres
Area to be Roofed:	0.275 Acres
Area to be Paved:	0.236 Acres
Area to be Seeded:	1.232 Acres
Area Undisturbed:	0.048 Acres
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be constructed at all construction entrances.
- CONSTRUCTION SEQUENCE:
 - Install Sediment and Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for foundations and rough grade.
 - Erect structures, drive ways and sidewalks.
 - Final grade and stabilize in accordance with General Note #5.
- 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 or Silt Fence shown = 90 LF



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

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER: James Bond 2-1-78
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 12/29/77
 CHIEF, DIVISION OF LAND DEVELOPMENT
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS & PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 12/29/77
 CHIEF, BUREAU OF HIGHWAYS

Reviewed for HOWARD S.C.D. Name
 and meets Technical Requirements
Wayne Ray 12/29/77 Signature Date
 U.S. Soil Conservation Service
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Robert W. Ziehm 12/29/77 Approved Date

DEVELOPER'S CERTIFICATE
 I certify that the development and/or construction will be done according to the plan of development and plan for Erosion and Sediment Control, and I also authorize periodic inspections by the Howard Soil Conservation District or their authorized agents, as are deemed necessary. The site from this plan will not be used for any purposes other than that set forth in the plan.
[Signature] 12/15/77 Date

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal inspection of the site conditions and that it complies in every respect with the requirements of the Howard Soil Conservation District.
[Signature] 7-22-77 Date
 G. Nelson Clark



APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 12-7-77

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

DESIGNED R.U.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS N-1 THRU N-11 COLUMBIA THE VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1 ELECTION DISTRICT 51A HOWARD COUNTY, MARYLAND FOR: CONTEMPO HOMES Suite 407, One Mall North 10925 Gov. Warfield Pkwy. Col. Md. 21044	SCALE As Shown
DRAWN K.I.W.		DRAWING 3 of 3
CHECKED D.A.B.		JOB NO.
DATE July, 1977		FILE NO. 1256-SE
		SDP-78-48