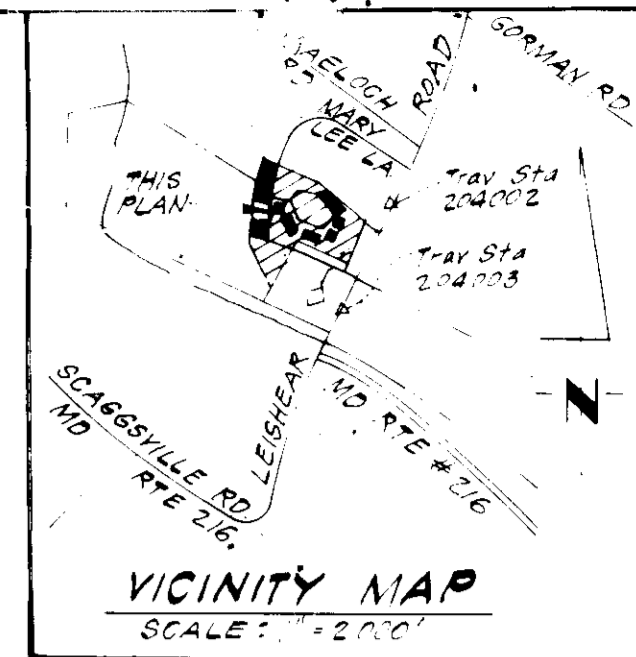


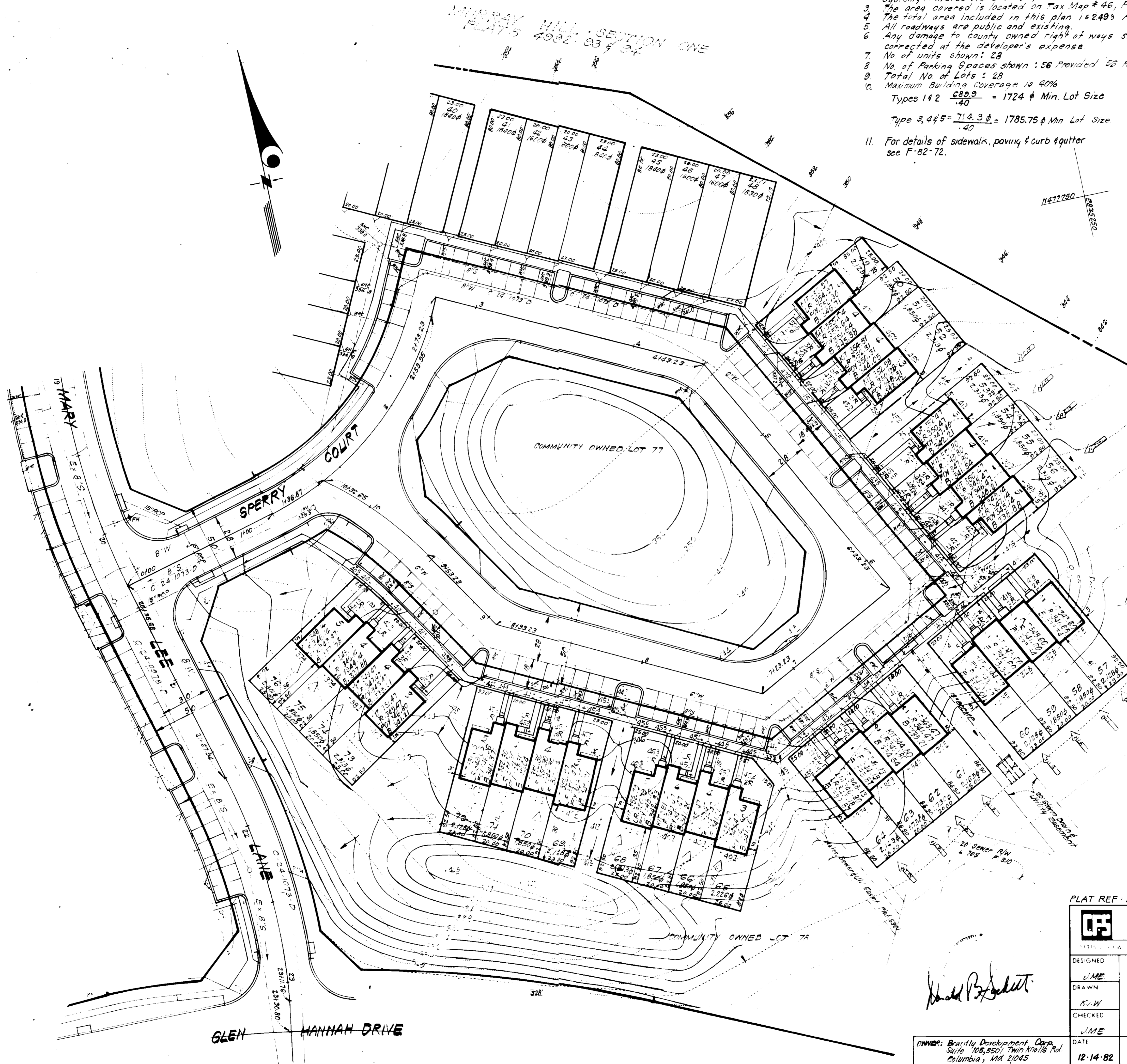
GENERAL NOTES :

- The land included in this plan is zoned: RSC
- All coordinates shown are based on the Maryland State Grid System, Traverse Sta 204003 & 204002.
- The area covered is located on Tax Map # 46, Parcel # 3.
- The total area included in this plan is 2493 Acres.
- All roadways are public and existing.
- Any damage to county owned right of ways shall be corrected at the developer's expense.
- No of units shown: 28
- No of Parking Spaces shown: 56 Provided 56 Required.
- Total No of Lots: 28
- Maximum Building Coverage is 40%
- Types 1 & 2 $\frac{689.9}{.40} = 1724 \text{ \# Min Lot Size}$
- Types 3, 4 & 5 $\frac{714.3}{.40} = 1785.75 \text{ \# Min Lot Size}$
- For details of sidewalks, paving & curb & gutter see F-82-72.

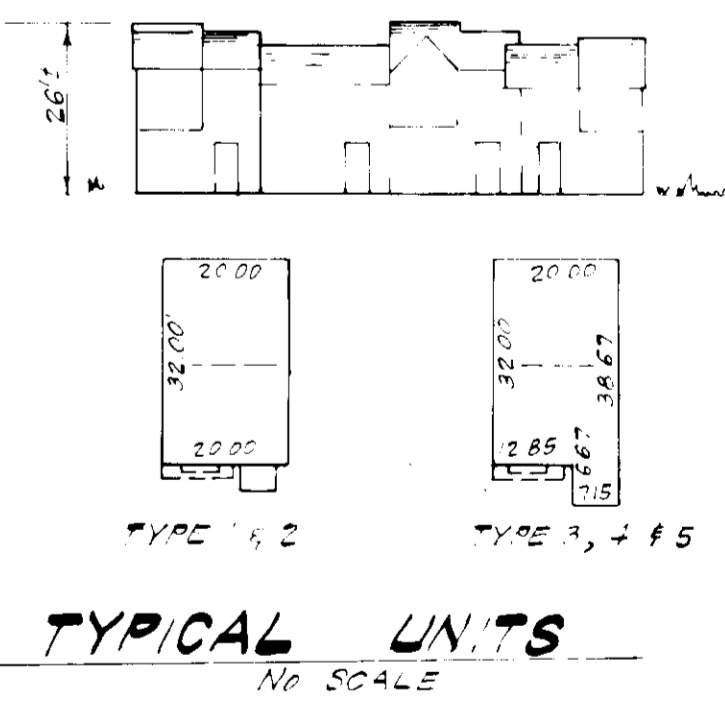


LEGEND :

- Contour Interval 2 FT
- Existing Contour
- Proposed Contour
- Spot Elevation
- Direction of Drainage
- Walk-out Basement
- 100 Yr Flood Plain Elevation



APPROVED
DIVISION OF LAND &
ZONING
HOWARD COUNTY
DATE 2-1-83
AMM



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
Joseph P. ... 2-24-83
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Almond ... 2-25-83
PLANNING DIRECTOR DATE

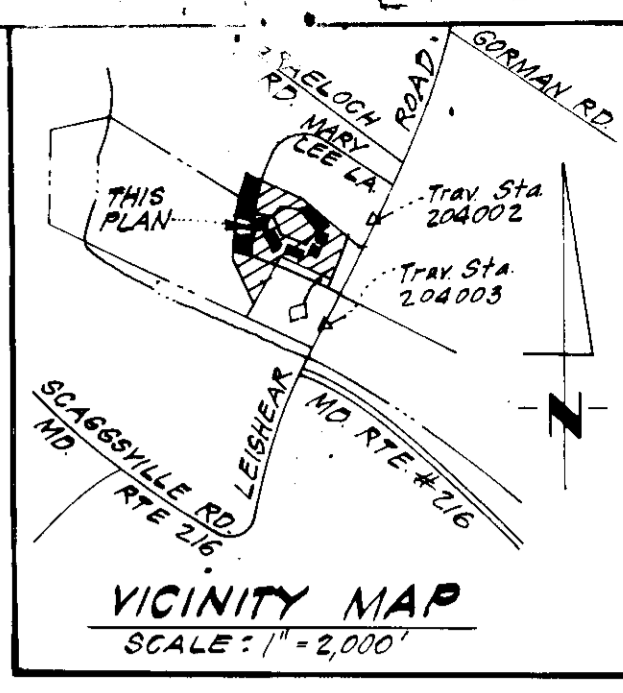
CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
... 2-25-83
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
... 1-22-83
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERS
... 2-22-83
DATE

PLAT REF: 5301

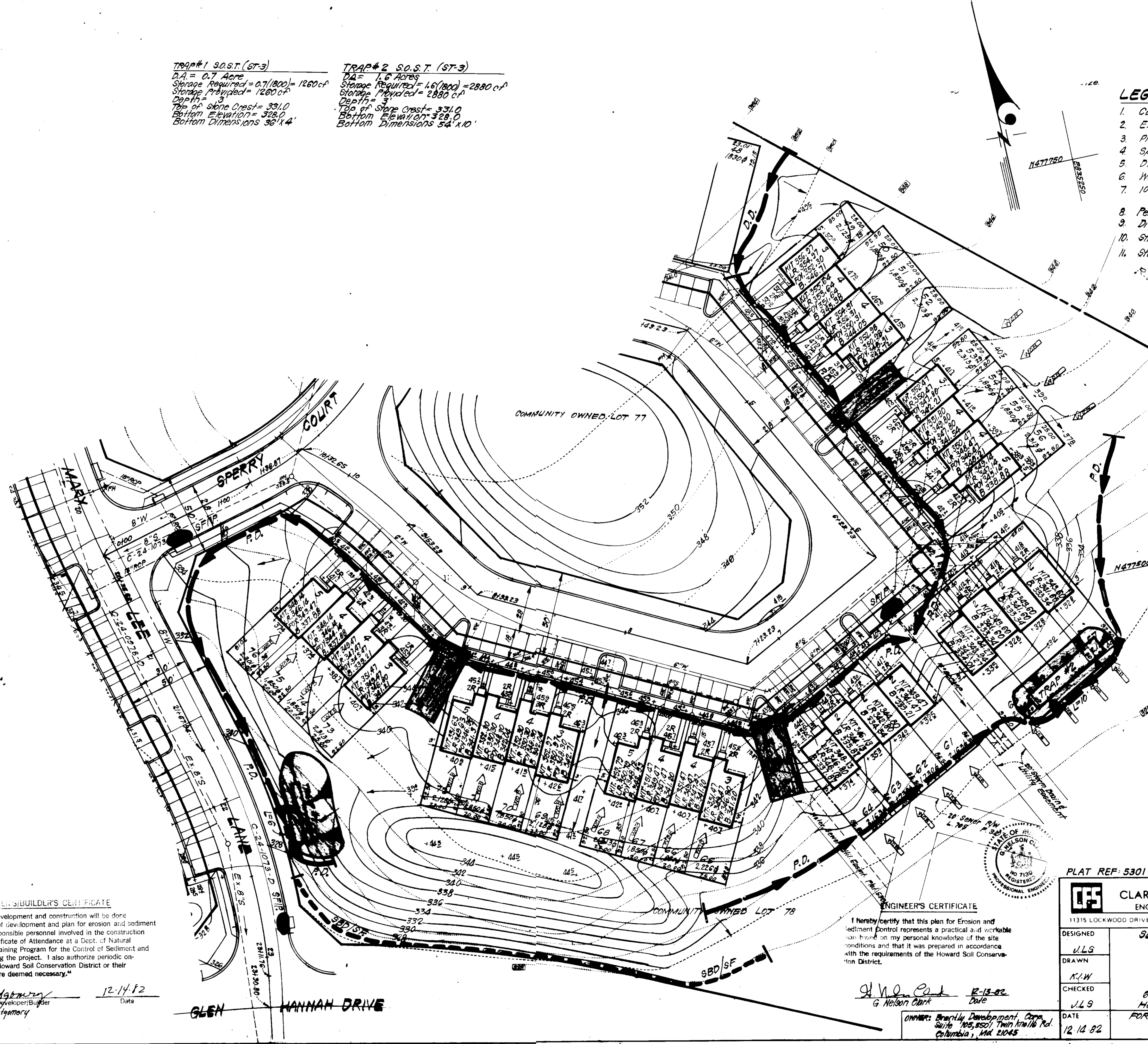
CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		SCALE 1"=30'
DESIGNED	JME	SCALE
DRAWN	JME	DRAWING 1024
CHECKED	K.H.	JOB NO. 82045
DATE	12-14-82	FILE NO. 82145-X
SITE DEVELOPMENT PLAN LOTS 20 THRU 28 MURRAY HILL SECTION 3 AREA CITY ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: Brantly Development Corp. Suite 105, 5501 Twin Falls Rd. Columbia, MD 21045		



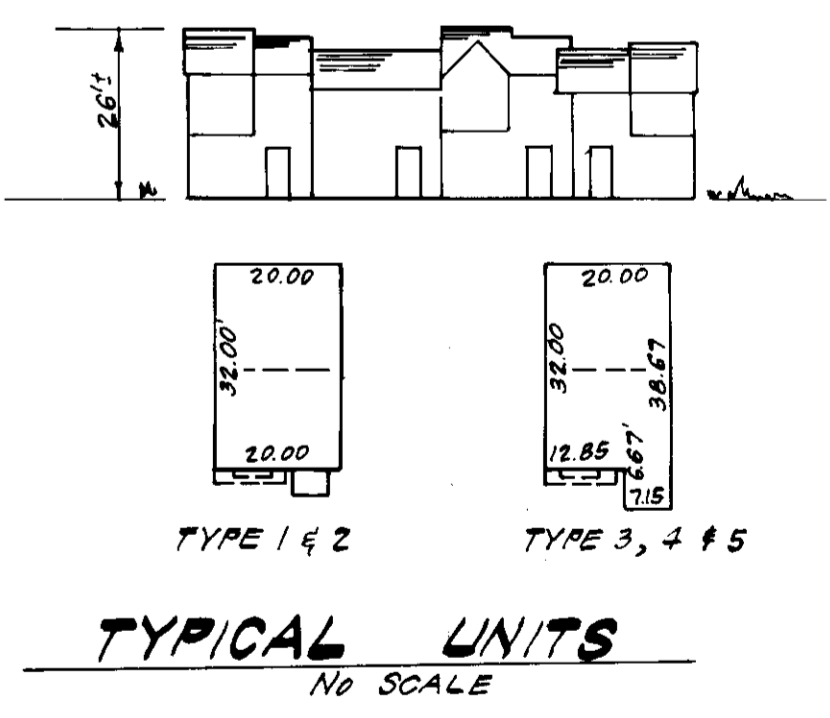
TRAP #1 S.O.S.T. (ST-3)
 DA = 0.7 Acres
 Storage Required = 0.7(1800) = 1260 cf
 Storage Provided = 1260 cf
 Depth = 3'
 Top of Stone Crest = 331.0
 Bottom Elevation = 328.0
 Bottom Dimensions 36' x 4'

TRAP #2 S.O.S.T. (ST-3)
 DA = 1.6 Acres
 Storage Required = 1.6(1800) = 2880 cf
 Storage Provided = 2880 cf
 Depth = 3'
 Top of Stone Crest = 331.0
 Bottom Elevation = 328.0
 Bottom Dimensions 54' x 10'

- LEGEND:**
1. Contour Interval 2 FT
 2. Existing Contour --- 330 ---
 3. Proposed Contour --- 328 ---
 4. Spot Elevation + 25.7
 5. Direction of Drainage →
 6. Walk-out Basement
 7. 100 Yr. Flood Plain Elevation EL. 332.2
 8. Perimeter Dike
 9. Diversion Dike
 10. Straw Bale Dike or Silt Fence
 11. Stone Filter Inlet Protection
 12. Stabilized Construction Entrance
 13. Sediment Trap



APPROVED
 DIVISION OF LAND DEVELOPMENT
 ZONING AND PLANNING
 HOWARD COUNTY
 DATE 2-1-83
 J. M. [Signature]



Reviewed for: HOWARD S.C.D.
 Name: [Signature]
 Date: 2/10/83
 S.S. Soil Conservation Service

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

Approved: [Signature] Date: 2-18-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 [Signature] DATE: 2-24-83
 COUNTY HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature] DATE: 2-25-83
 PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] DATE: 2-22-83
 DIRECTOR

CHIEF BUREAU OF ENGINEERING
 [Signature] DATE: 2-22-83

CONTRACTOR'S CERTIFICATE
 I hereby certify that all development and construction will be done in accordance with the plan of development and plan for erosion and sediment control and that all responsible personnel involved in the construction of this project will have a Certificate of Attendance at a Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents, as are deemed necessary.

[Signature] DATE: 12-14-82
 Paul Montgomery
 Signature of Developer/Builder

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] DATE: 2-15-83
 G. Nelson Clark
 Date

OWNER: Branch Development Corp.
 Suite 105, 5501 Twin Knolls Rd.
 Columbia, MD 21045

PLAT REF: 5301

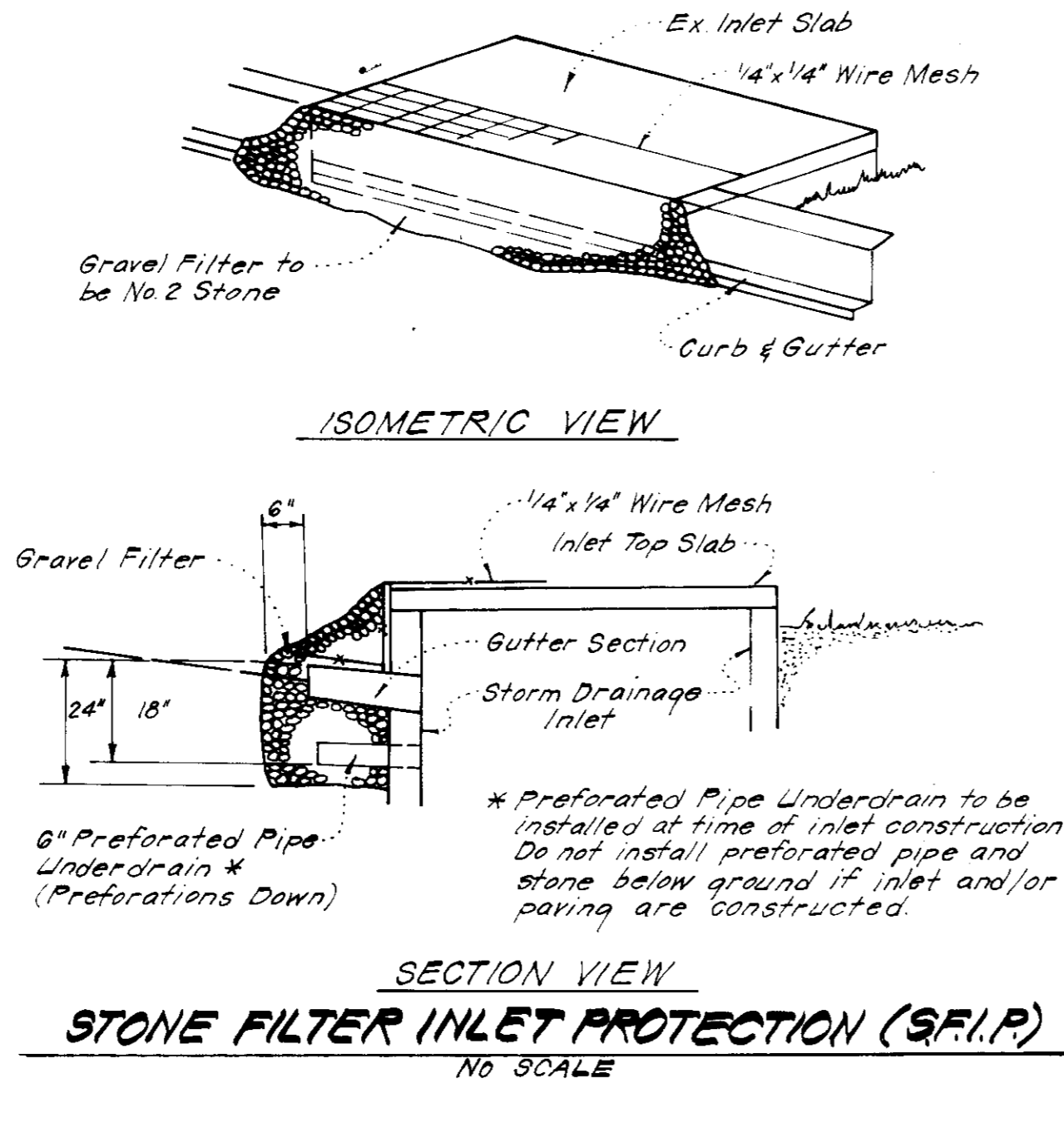
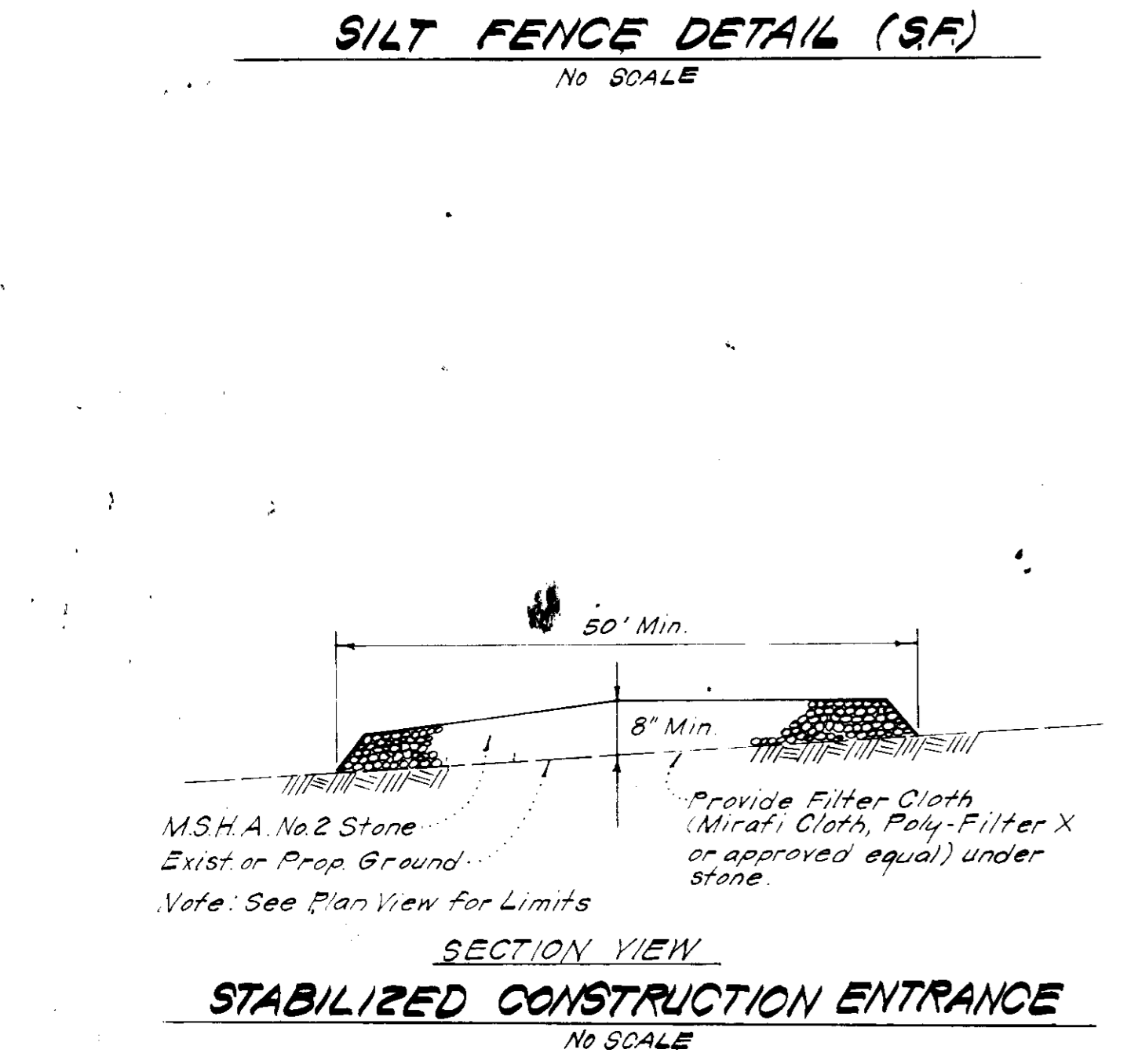
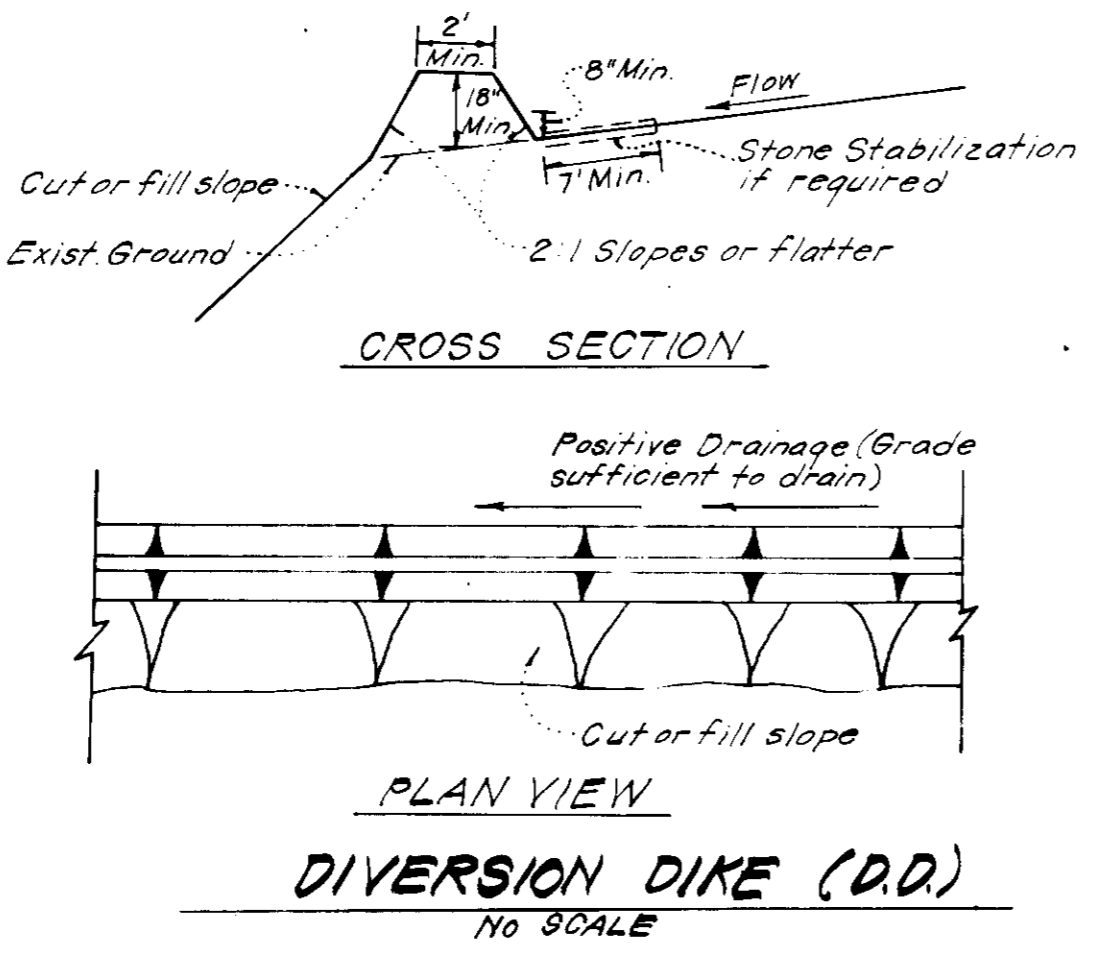
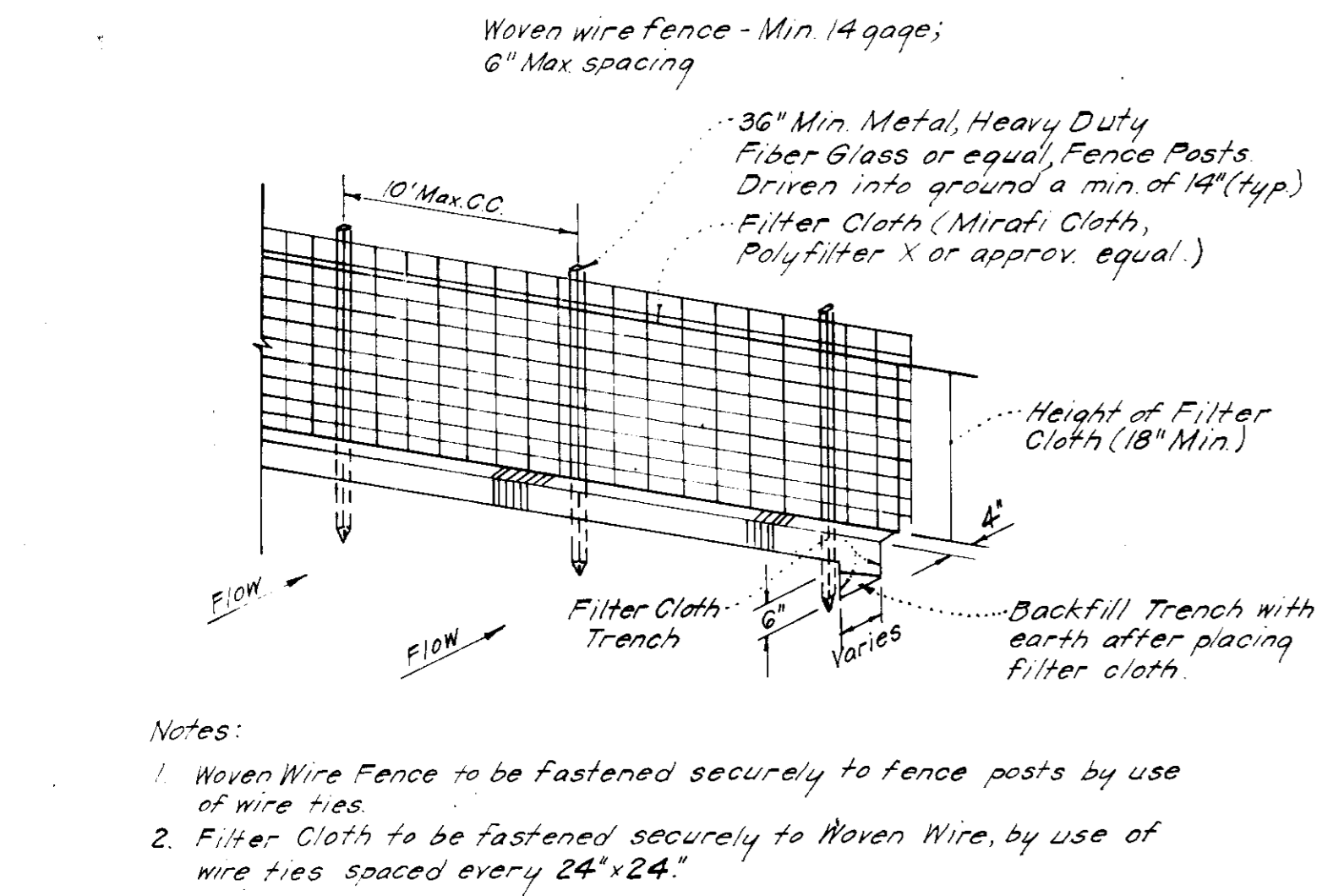
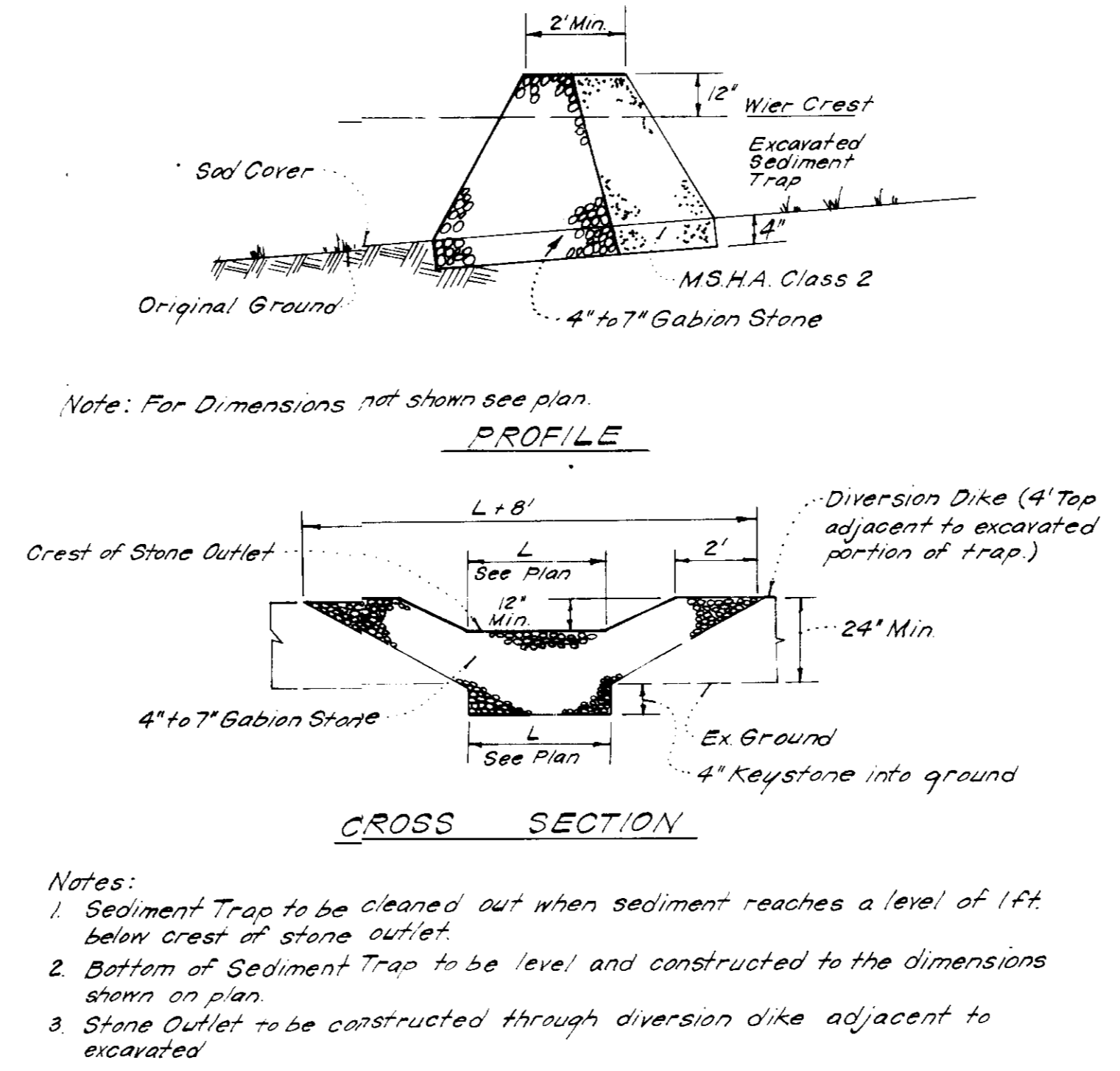
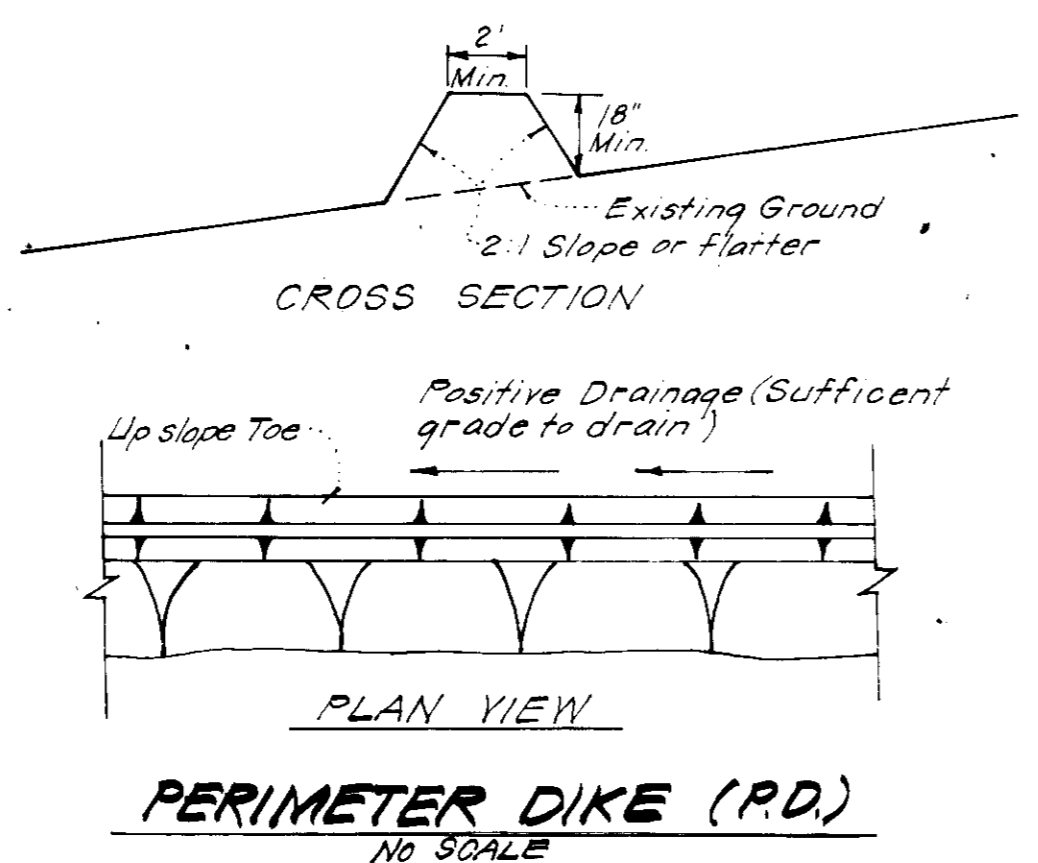
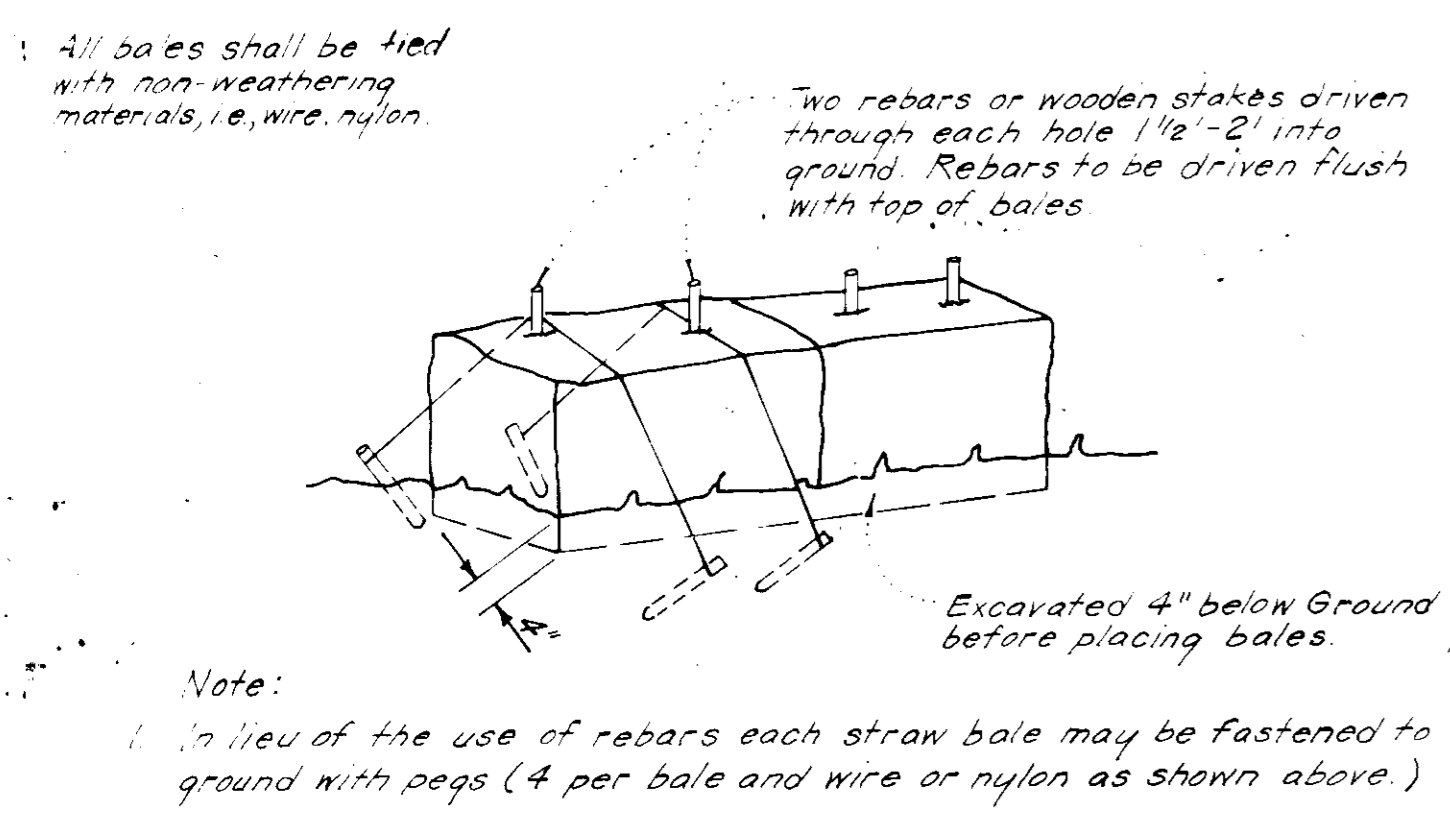
CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING MARYLAND 20904 (301) 593 3400	
DESIGNED JLS	SCALE 1" = 30'
DRAWN K.W.	DRAWING 2 OF 4
CHECKED JLS	JOB NO. 82045
DATE 12.14.82	FILE NO. 82045 SE

MURRAY HILL
 SECTION 3 AREA 1
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

FOR: Diversified Housing Corporation
 Suite 211 American City Building
 Columbia, Maryland 21044

GENERAL NOTES

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading
- 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 #6 for stabilization except that the seed mixture will be annual - rye applied at a rate of 14 lbs/1000 sf.
- 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 disturbed area to be stabilized in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sf. Mixture - 40% Kentucky Blue, 20% chewing Fescue, 20% Kentucky 31 and 20% annual - rye
 - Fertilizer - 10-10-10 applied at a rate of 23 lbs/1000 sf. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 90 lbs/1000 sf.
 - Mulch - Weed free grain straw applied at a rate of 70-90 lbs/1000 sf. Mulch shall be secured to the ground by any approved method i.e.; asphalt tacks, chemical binder etc.
 - All Sod used shall be Maryland State Certified.
- 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.
- It will be the developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Approval of this plan is conditional upon the approval of Sediment Control Plan for the off-site waste or borrow area prior to the import of any borrow or export of waste from this site.
- All pipes to be blocked at the end of each day. See detail this sheet (Not required)
- Total Amount of Straw Bales or Silt Fence shown = 300 - F.
- SITE ANALYSIS:
 - Total Area: 2.493 Acres
 - Area to be Roofed: 0.448 Acres
 - Area to be Paved: 0.062 Acres
 - Area to be Seeded: 1.983 Acres
 - Area Undisturbed: NONE Acres
- CONSTRUCTION SEQUENCE:
 - Install Sediment & Erosion Control Devices and Stabilize Diversion Dike.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Driveways and Sidewalks.
 - Final Grade and Stabilize in accordance with note #6.



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 2-24-83

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 2-25-83

CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 DATE: 2-25-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 2-22-83

CHIEF BUREAU OF ENGINEERING
 DATE: 2-22-83

Reviewed for Howard S.C.D. Name
 and meets Technical Requirements
 Signature: [Signature] Date: 2/18/83
 U.S. Soil Conservation Service

NO DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

Approved: [Signature] Date: 2-18-83

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 of Developer/Builder: [Signature] Date: 12-14-82
 Paul Montgomery

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 of Engineer: [Signature] Date: 12-13-82
 G. Nelson Clark



PLAT REF: 5301

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOCKWOOD DRIVE, GREENBELT, MARYLAND 20886

DESIGNED J.L.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 49 THRU 76 MURRAY HILL	SCALE AS SHOWN
DRAWN K.L.W.		DRAWING 30-F-4
CHECKED J.L.S.	SECTION 3 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO. 82-045
DATE 12-14-82	FOR: Diversified Housing Corporation Suite 211 American City Building Columbia, Maryland 21044	DATE 12-14-82

SDP-83-79

APPROVED
 DIVISION OF LAND DEVELOPMENT
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 2-1-83
 JMM

PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUANT	REMARKS
STREET & COMM OWNED LOTS				
⊕	QUERCUS PALUSTRIS PIN OAK	2 1/2" CAL MIN	9	2 1/2' H HEAVY HEADS
⊕	QUERCUS BOREALIS NORTHERN RED OAK		7	
⊕	ACER RUBRUM OCTOBER GLOUT OCTOBER GLOUT MAPLE	↘	7	↘
⊕	PINUS STROBUS EASTERN WHITE PINE	50' HT	29	2 1/2' H HEAVY
⊕	PRUNUS CERR. 'KNAZAN' KNAZAN CHERRY	6-8' HT	2	2 1/2' H HEAVY HEADS
⊕	PRUNUS CERR. 'THUNDERCLOUD' PURPLELEAF FLOWERING PLUM	↘	1	
INDIVIDUAL LOT PLANTING				
⊕	ACER RUBRUM OCTOBER GLOUT OCTOBER GLOUT MAPLE	2 1/2" CAL MIN	10	
⊕	QUERCUS PALUSTRIS PIN OAK	↘	4	
⊕	PRUNUS CERR. 'KNAZAN' KNAZAN CHERRY	6-8' HT	6	
⊕	AMELANCHIERA CANADENSIS SHADBLON CLUMP	↘	8	↘

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 2-1-83
JMM

NOTE:
 * STREET TREE & COMM OWNED LOTS 77 & 78 PLANTING SHALL BE THE RESPONSIBILITY OF THE DEVELOPER, (BRANTLY DEVEL CORP).
 * CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
 * SUBSTITUTIONS MAY BE PERMITTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT.

OWNER: BRANTLY DEVELOPMENT CORP.
3501 TWIN KNOLLS RD.
COLUMBIA, MD 21045

CF CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

DESIGNED JBC	LANDSCAPE PLANTING PLAN LOTS 49 THRU 76 MURRAY HILL SECTION 3 AREA HOWARD COUNTY, MARYLAND FOR: DIVERSIFIED HOLDING CORP AMERICAN CITY BLDG. COLUMBIA, MD 21044	SCALE 1"=50'	
DRAWN JBC		CRAWING 4044	
CHECKED N.H.T.		JOB NO 82-045	
DATE 2-11-83		REVISION ADDED PLANTING COMM OWNED LOT 77	FILE NO L-3 82-245

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER S.S. DATE 2-21-83
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE 2-25-83
 CHIEF DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION DATE 2-25-83
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE 2-22-83
 CHIEF BUREAU OF ENGINEERING DATE 2-22-83

