

LEGEND

- Contour Interval 2 Ft.
- Existing Contours 330
- Proposed Contours 530
- Spot Elevations +303
- Direction of Drainage
- Yard Requirements: Front: 20 Ft. on 50' Wide Street, 50 Ft. on 60' Wide Street; Side: 7.5 Ft. (Min)
- 100 Year Flood Plain Elevations 57.2'
- Existing Trees to be Retained
- Walk Out Basement
- Timber Retaining Wall

GENERAL NOTES

- The land included in this plan is zoned New Town (S.F.M.D.)
- The Lots shown on this plan are covered by Final Development Plan Phase 100-A recorded in Plat Book 20 Folios 159 to 157
- 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 Area covered in this submission is located on Tax Map No. 35.
- The total area included in this plan is 7.48 Acres.
- All roadways shown are public and are existing.
- Any damage to County owned rights-of-way or paving shall be corrected at the Developer's expense.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE: 8-24-76
JAC

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat 3491
A resubdivision of Parcels D, E, F, G, Z and AA

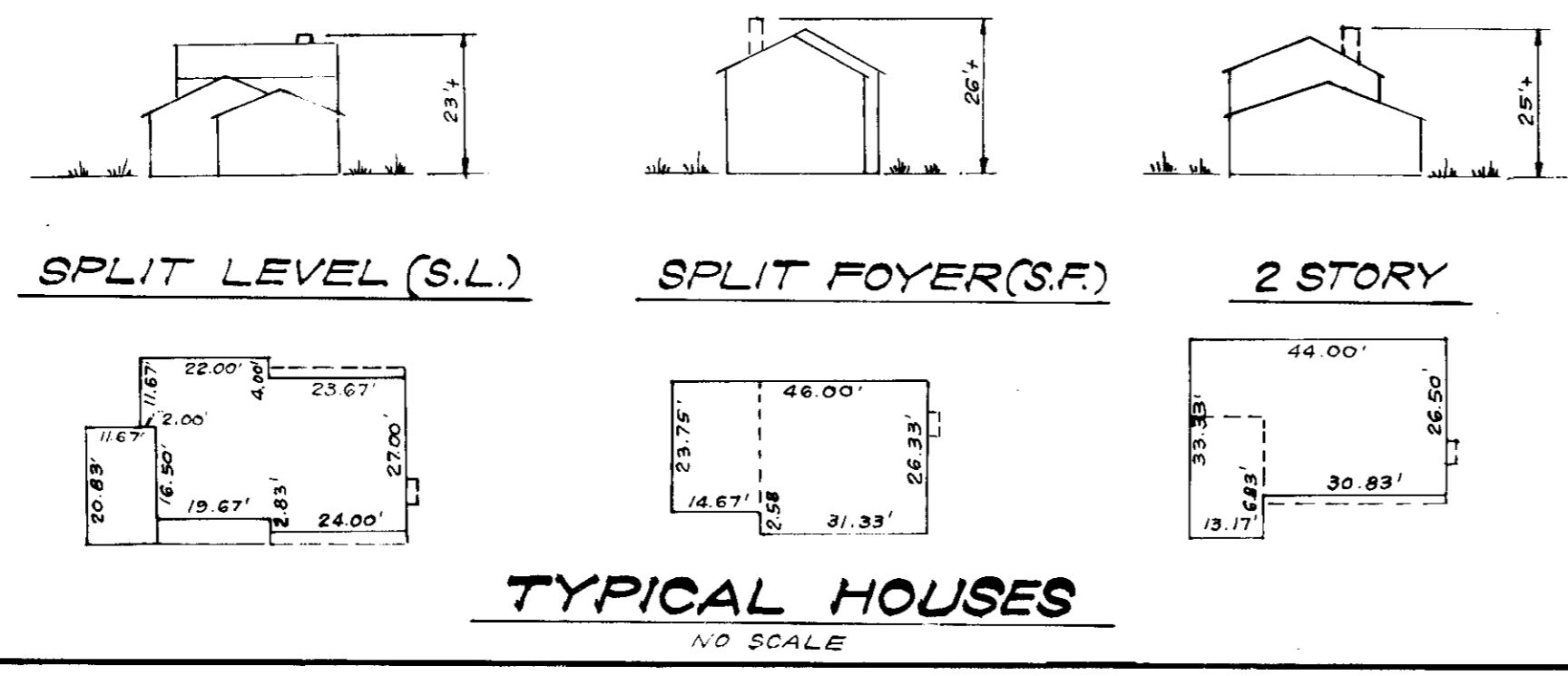
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: [Signature] DATE: 9/11/76

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR: [Signature] DATE: 9-21-76

CHIEF DIVISION OF LAND DEVELOPMENT
DATE: 9/11/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: [Signature] DATE: 9-11-76

CIVIL BUREAU OF HIGHWAYS
DATE: 9/15/76



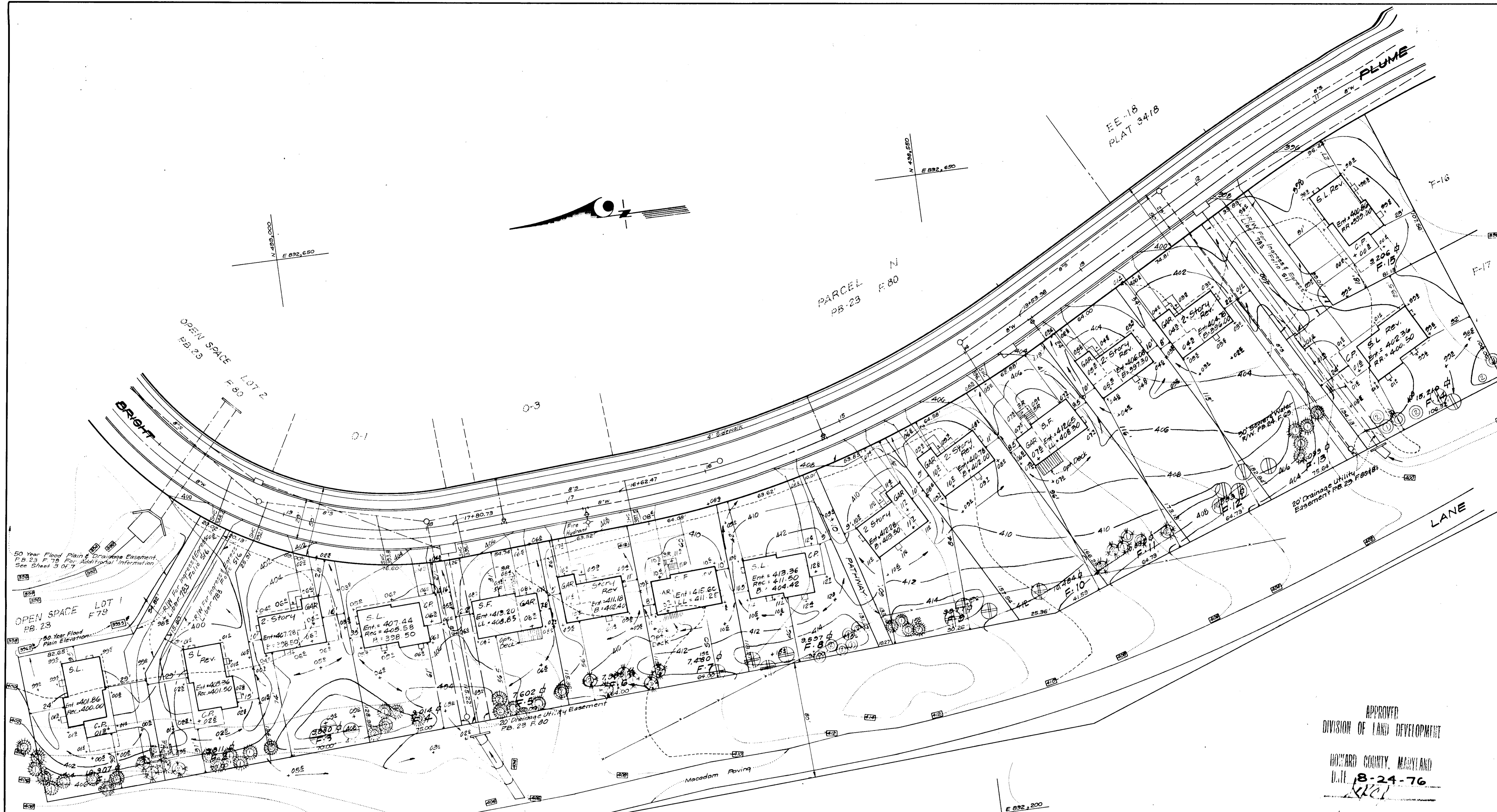
CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400

DESIGNED: WRMF
DRAWN: KIW
CHECKED: WRMF
DATE: May 1976

SITE DEVELOPMENT PLAN
LOTS AA-1 THRU AA-8 & LOTS F-1 THRU F-15
LOTS D-6 THRU D-12 & LOTS Z-1 THRU Z-4
COLUMBIA
VILLAGE OF HICKORY RIDGE
SECTION 1 AREA 1
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: ROUSE INVESTING COMPANY
BOX 905
Columbia, Md. 21044

SCALE: 1" = 30'
DRAWING: 1 of 7
JOB NO.:
FILE NO.: 1196-X



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: [Signature] DATE: 9/11/76

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR: [Signature] DATE: 9-21-76

CHIEF DIVISION OF LAND DEVELOPMENT DATE: 9/21/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 9-14-76

CHIEF BUREAU OF HIGHWAYS DATE: 9/11/76

PLANT LIST

KEY	PLANT NAME	SIZE	REMARKS
(Symbol)	PINUS NIGRA AUSTRIAN PINE	6'-10" HT	DENSE & FULL B&B ALTN: PINUS THUNBERG 1
(Symbol)	PINUS NIGRA AUSTRIAN PINE	6'-8" HT	DENSE & FULL B&B ALTN: PINUS THUNBERG 1
(Symbol)	PINUS STROBIS WHITE PINE	8'-10" HT	DENSE & FULL B&B
(Symbol)	PINUS STROBIS WHITE PINE	6'-8" HT	DENSE & FULL B&B
(Symbol)	CRATAEGUS MOLLIS DOWNY HAWTHORN	6'-10" HT 2 1/2" 3" CAL	B&B HEAVY HEADS
(Symbol)	CRATAEGUS OXYACANTHA SUBERBA CRIMSON CLOUD HAWTHORN	8'-10" HT 2 1/2" 3" CAL	B&B HEAVY HEADS
(Symbol)	PRUNUS YEDOENSIS YOSHINO CHERRY	8'-10" HT 2 1/2" 3" CAL	B&B HEAVY HEADS

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE: 8-24-76
 [Signature]

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat 3482. A resubdivision of Parcels D, E, F, G, Z and AA.

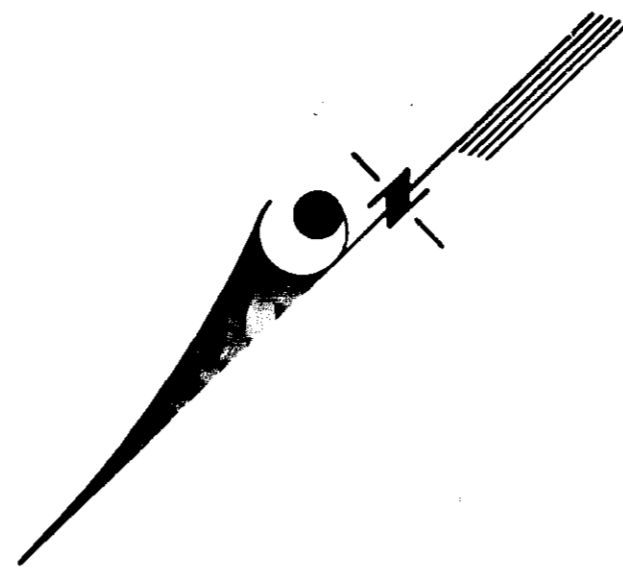
CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-9400

DESIGNED: WRME
 DRAWN: KI.W.
 CHECKED: WRME
 DATE: May 1976

87th DEVELOPMENT PLAN
 LOTS AA-1 THRU 2-A-8 & LOTS F-1 THRU R15
 LOTS D-8 THRU D-12 & LOTS Z1 THRU Z-4
COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 1 AREA 1
 5th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 30'
 DRAWING: 2 of 7
 JOB NO.:
 FILE NO.: 1196-X

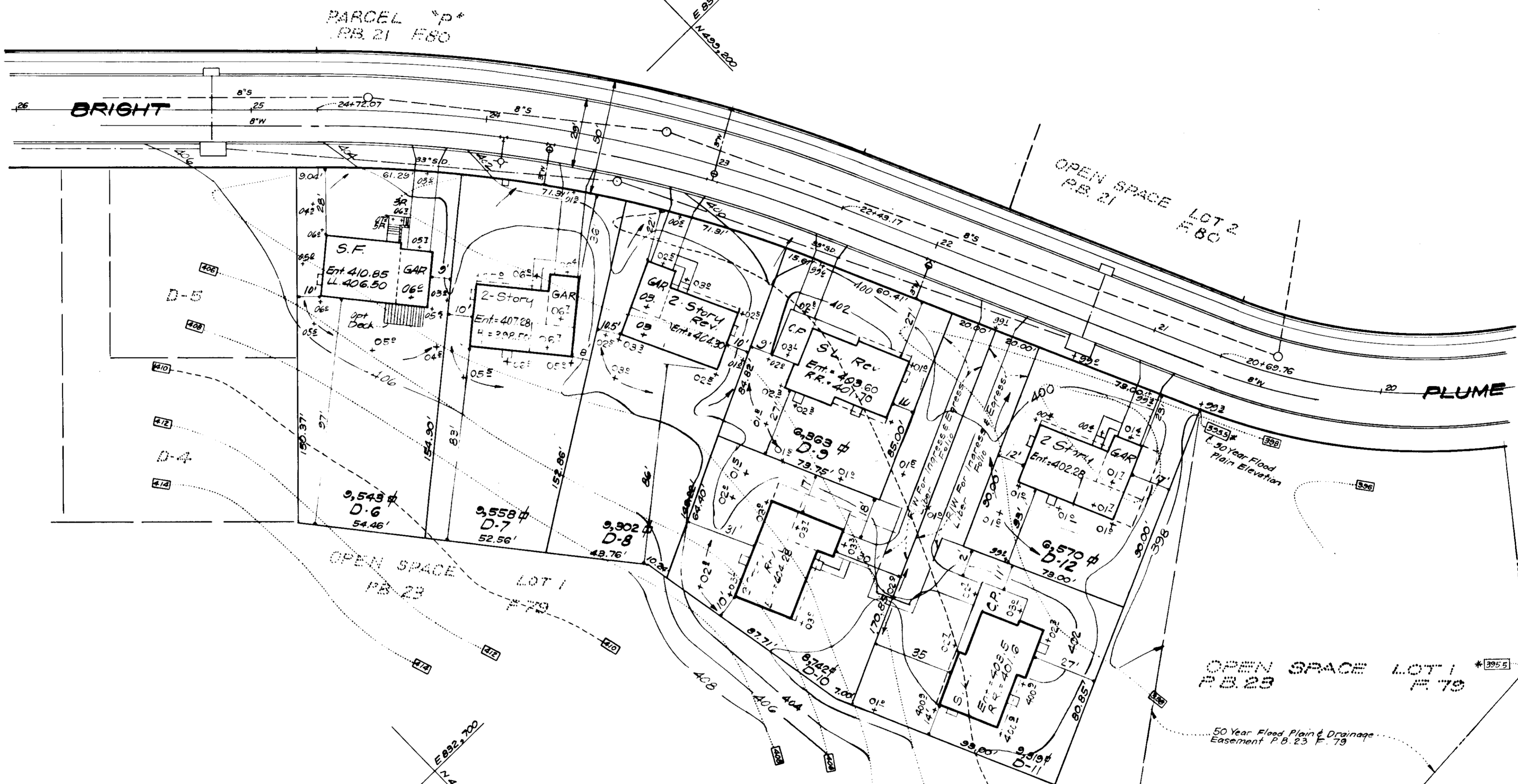
FOR: ROUSE INVESTING COMPANY
 BOX 905
 COLUMBIA, MD. 21044



E 892,150
N 453,800

E 892,850
N 453,800

E 892,700
N 453,500



APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 8-24-76
[Signature]

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat 34.81
A resubdivision of Parcels D, E, F, G, Z and AA

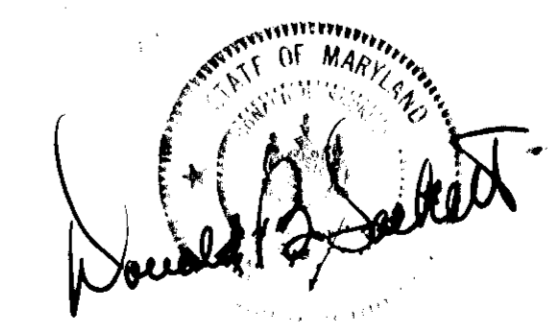
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] 9/2/76
COUNTY HEALTH OFFICER DATE

APPROVED BY HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] 9-21-76
PLANNING DIRECTOR DATE

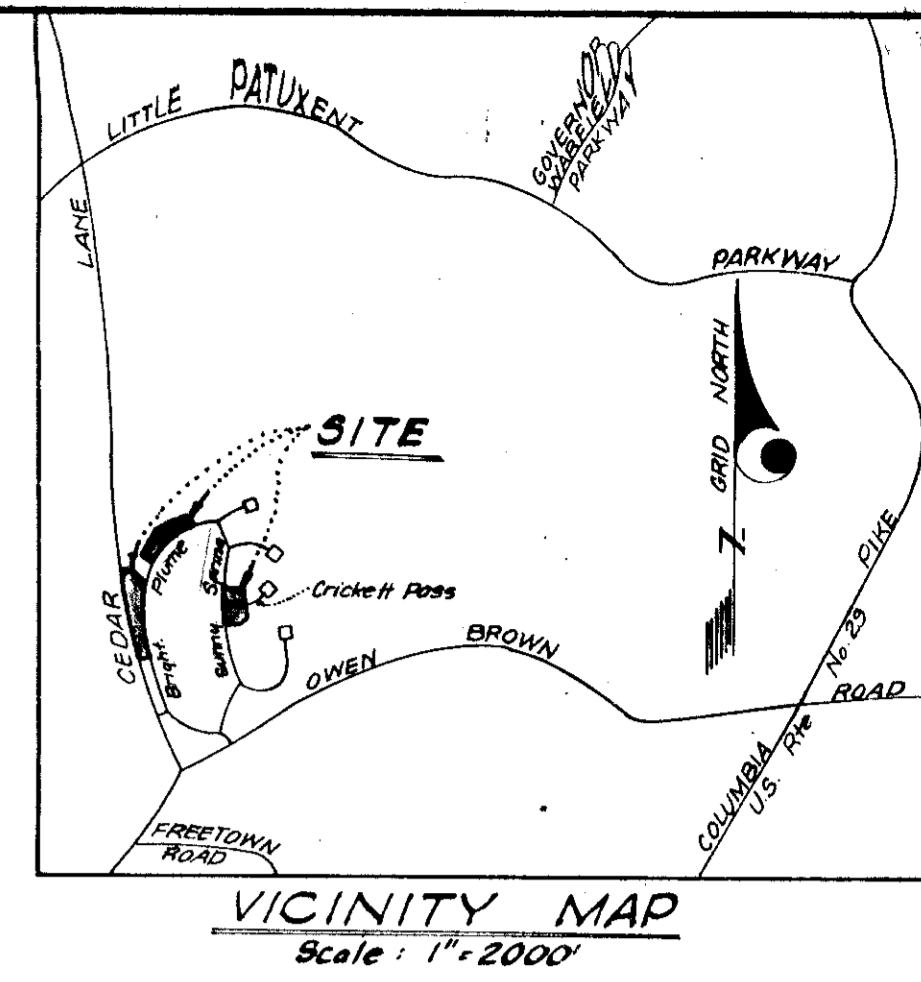
[Signature] 9/21/76
CHIEF DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 9-14-76
DIRECTOR DATE

[Signature] 9/14/76
CHIEF BUREAU OF HIGHWAYS DATE

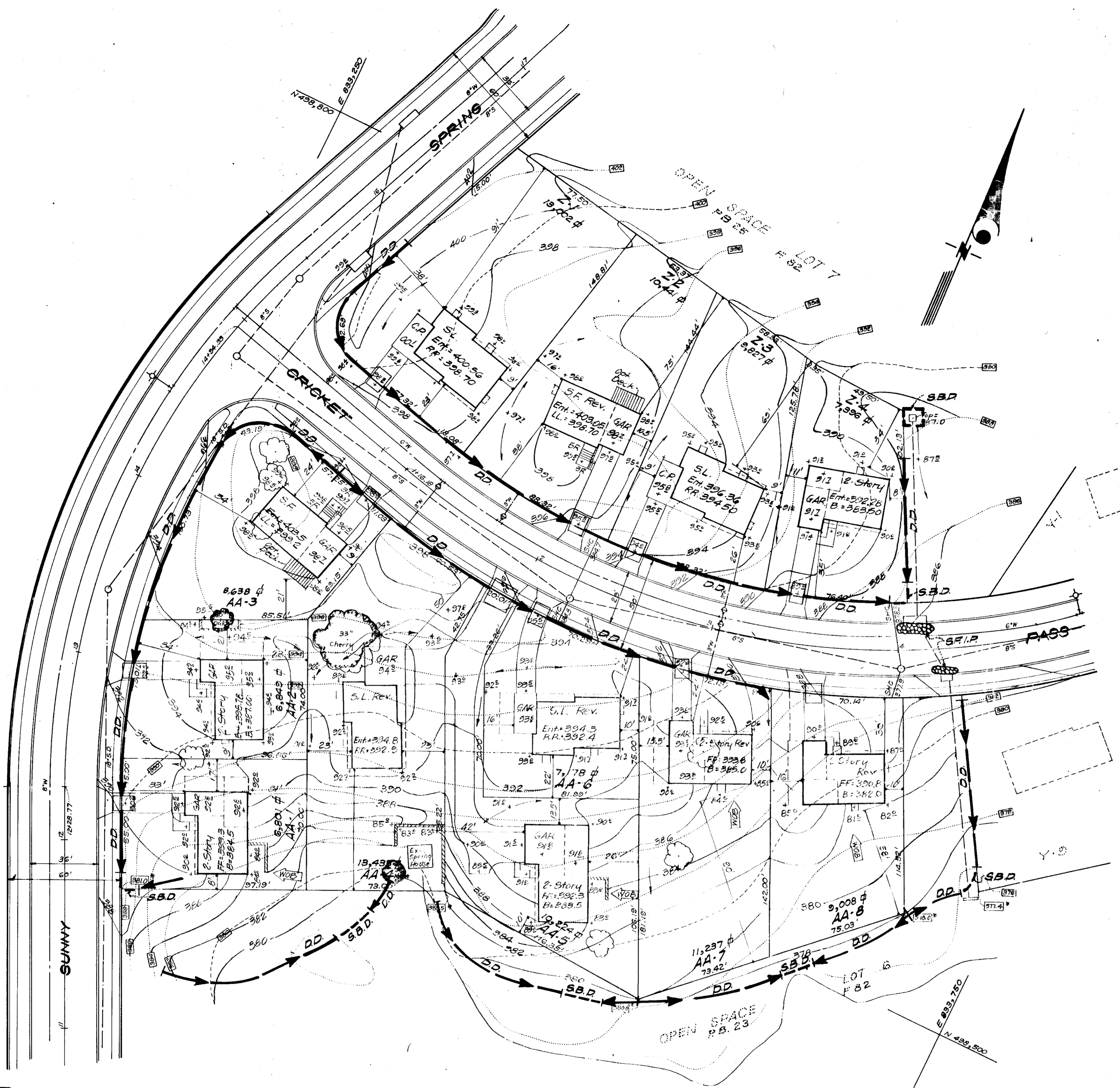


CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED WRMS	SITE DEVELOPMENT PLAN LOTS AA-1 THRU AA-8 & F-1 THRU F-15 LOTS D-6 THRU D-12 & Z-1 THRU Z-4	SCALE 1"=30'
DRAWN K.I.W.	COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1	DRAWING 3 of 7
CHECKED WRMC	5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE May 1976	FOR: ROUSE INVESTING COMPANY BOX 905 Columbia, Md. 21044	FILE NO. 1196-X



LEGEND

1. Contour Interval 2 Ft.
2. Existing Contours (---)
3. Proposed Contours (---)
4. Spot Elevations (+30)
5. Direction of Drainage (--->)
6. Yard Requirements:
 - Front: 20 Ft. on 50' Wide Street
 - 30 Ft. on 60' Wide Street
 - Side: 7.5' Ft. (Min)
7. 100 Year Flood Plain Elevations (---)
8. Diversion Dike (---> D.D.)
9. Straw Bale Dike (---> S.B.D.)
10. Stone Filter Inlet Protection (---> S.F.I.P.)
11. Stone Construction Entrance (--->)



APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 8-24-76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER _____ DATE _____
APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR _____ DATE _____
APPROVED FOR LAND DEVELOPMENT
DATE _____
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 COUNTY, S.C.D.
Name _____
and meets Technical Requirements
Signature _____ Date 7/8/76
U.S. Soil Conservation Service

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

Robert W. Ziller Jr. 7/8/76
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 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.

B. James Greenfield 6-8-76
Signature Date

ENGINEER'S CERTIFICATE

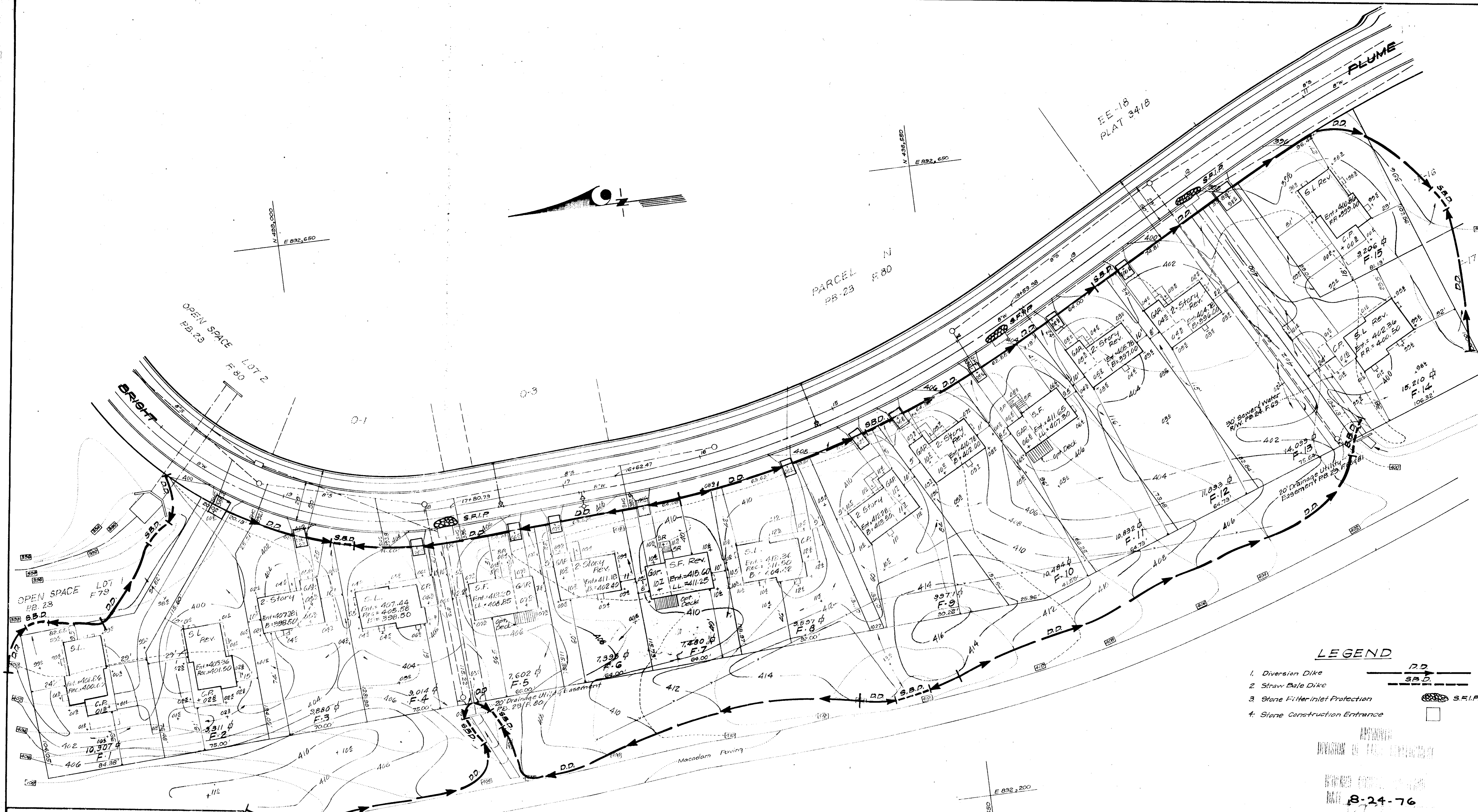
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Nelson Clark 6-8-76
Signature Date



A resubdivision of Parcels D, E, F, G, Z and AA

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20901 (301) 593-3400		
DESIGNED R.J.S.	SEDIMENT & EROSION CONTROL PLAN LOTS AA-1 THRU AA-8 & LOTS F-1 THRU F-15 LOTS D-1 THRU D-2 & LOTS Z-1 THRU Z-4 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: ROUSE INVESTING COMPANY BOX 905 Columbia, Md. 21044	SCALE 1" = 30'
DRAWN KIW		DRAWING 4 of 7
CHECKED G.N.C.		JOB NO.
DATE June 1976		FILE NO. 1193-3E1



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 7/18/76

APPROVED FOR PLANNING AND ZONING, COUNTY OFFICE OF PLANNING AND ZONING
 PLANNING DIRECTOR
 DATE 7/18/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 7/18/76

Reviewed for HOWARD COUNTY S.C.D. and meets Technical Requirements
 Eric N. Howard
 U.S. Soil Conservation Service

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

Robert W. Ziskin
 Approved Date 7/18/76

DEVELOPER'S CERTIFICATE

I certify that all development and/or construction will be done according to this plan of development and plans 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.

B. James Greenfield
 Signature Date 6-8-76

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 6-9-76



LEGEND

- 1. Diversion Dike
- 2. Straw Bale Dike
- 3. Stone Filter Inlet Protection
- 4. Stone Construction Entrance

8-24-76

A subdivision of Parcels D, E, F, G, Z and AA

CLARK • HINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400

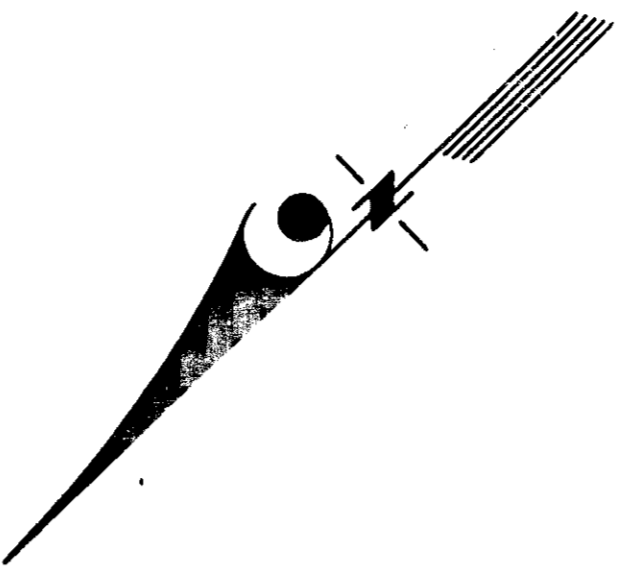
DESIGNED: RJS
 DRAWN: KIW
 CHECKED: GNC
 DATE: June 1976

SEDIMENT & EROSION CONTROL PLAN
 LOTS AA1 THRU AA-6 & LOTS F-1 THRU F-15
 LOTS D-1 THRU D-4 & LOTS Z-1 THRU Z-4
COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 1, AREA 1
 STEELETON DISTRICT
 HOWARD COUNTY, MARYLAND

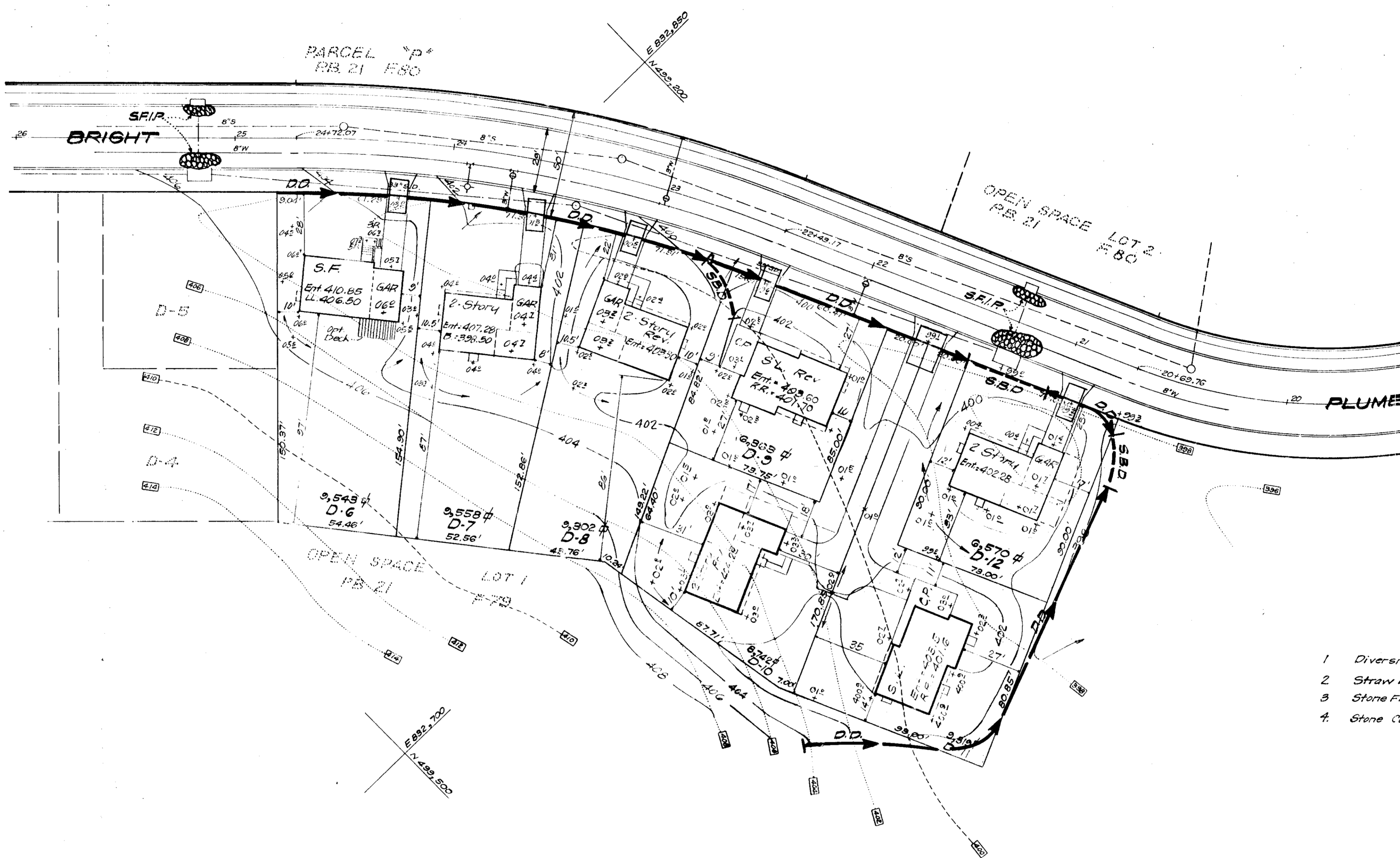
FOR: ROUSE INVESTING COMPANY
 BOX 908
 COLUMBIA, MD. 21044

SCALE: 1"=50'
 DRAWING: 5047
 JOB NO.:
 FILE NO.: 1193-3E

SDP-76-95c



E 882,250
N 449,500



LEGEND

- 1 Diversion Dike D.D.
- 2 Straw Bale Dike S.B.D.
- 3 Stone Filter Inlet Protection S.F.I.P.
- 4 Stone Construction Entrance S.C.E.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 8-24-76
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] COUNTY HEALTH OFFICER DATE 8/18/76
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] PLANNING DIRECTOR DATE 8/18/76
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DIRECTOR DATE 9/15/76
OFFICE BUREAU OF HIGHWAYS
DATE 9/15/76

Reviewed for HOWARD S.C.D.
Name
and meets Technical Requirements
[Signature] DATE 9/8/76
Signature Date
U.S. Soil Conservation Service

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

[Signature] 8/18/76
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 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.

[Signature] 6-8-76
Signature Date

ENGINEER'S CERTIFICATE

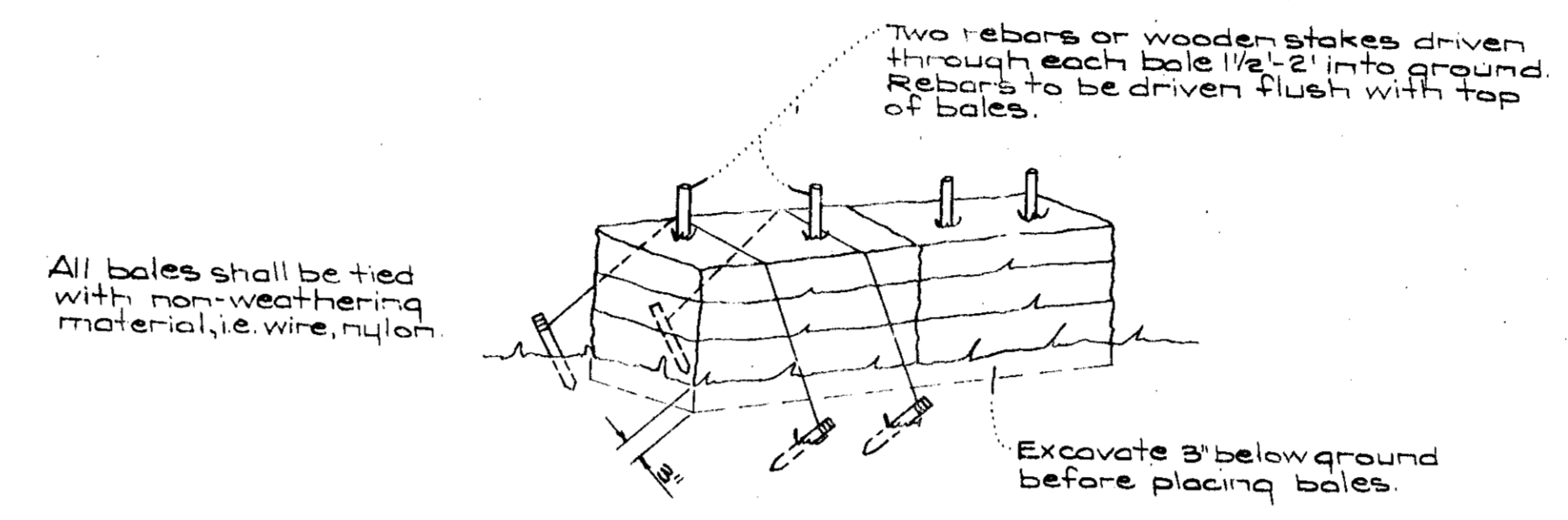
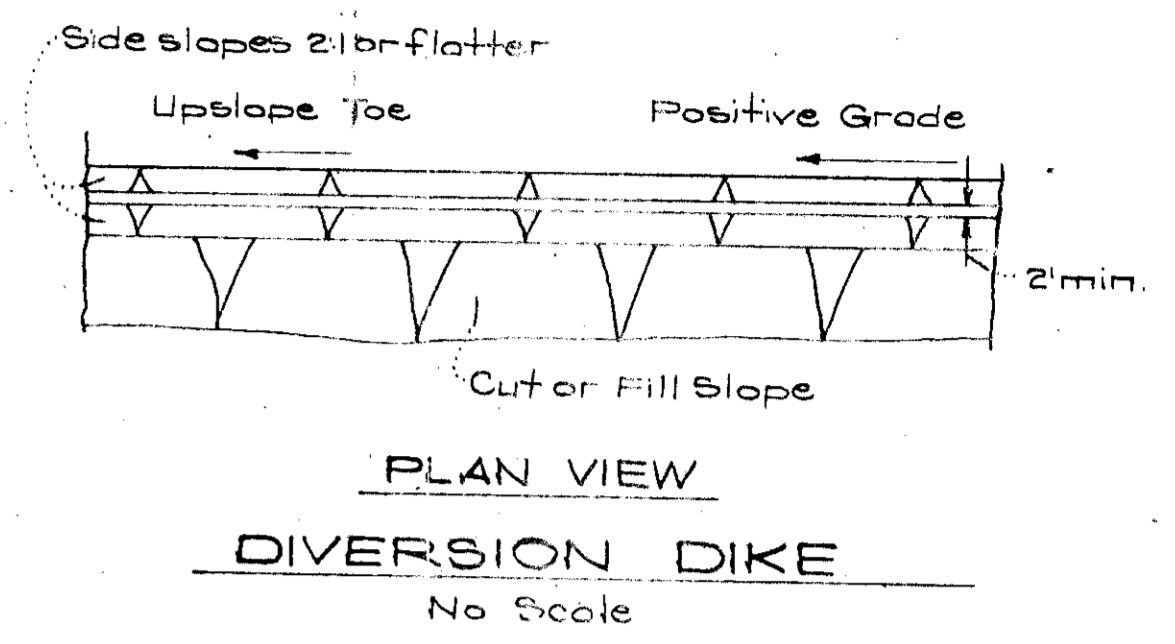
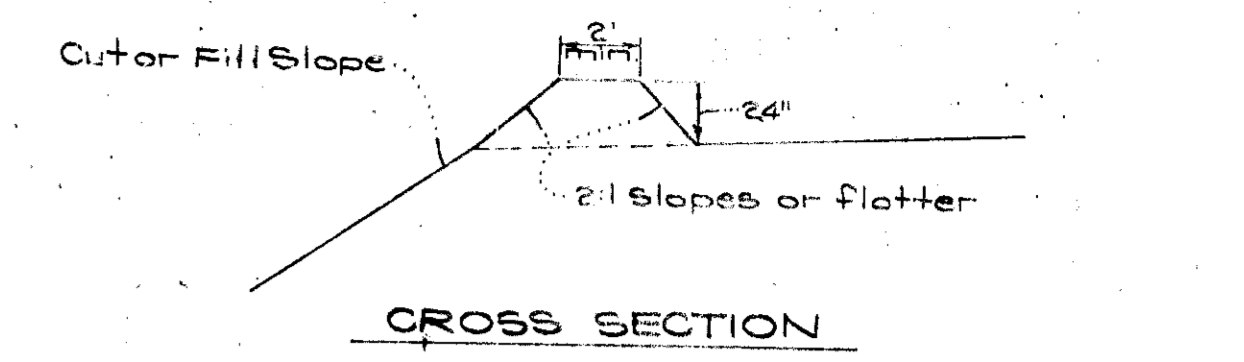
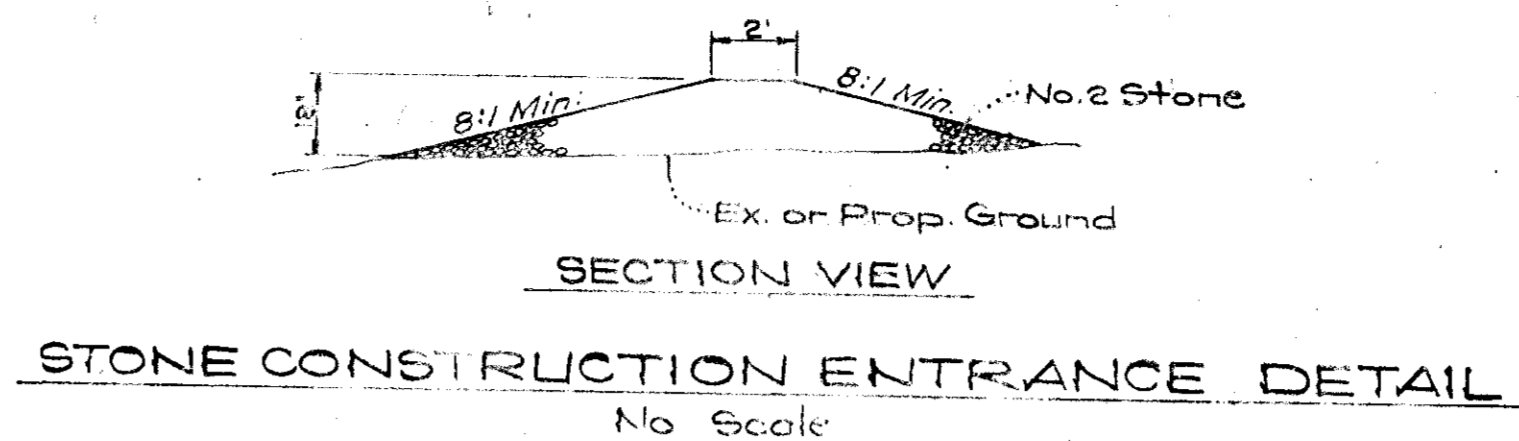
I hereby certify that this plan for Erosion and Sediment Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

[Signature] 6-9-76
G. Nelson Clark Date

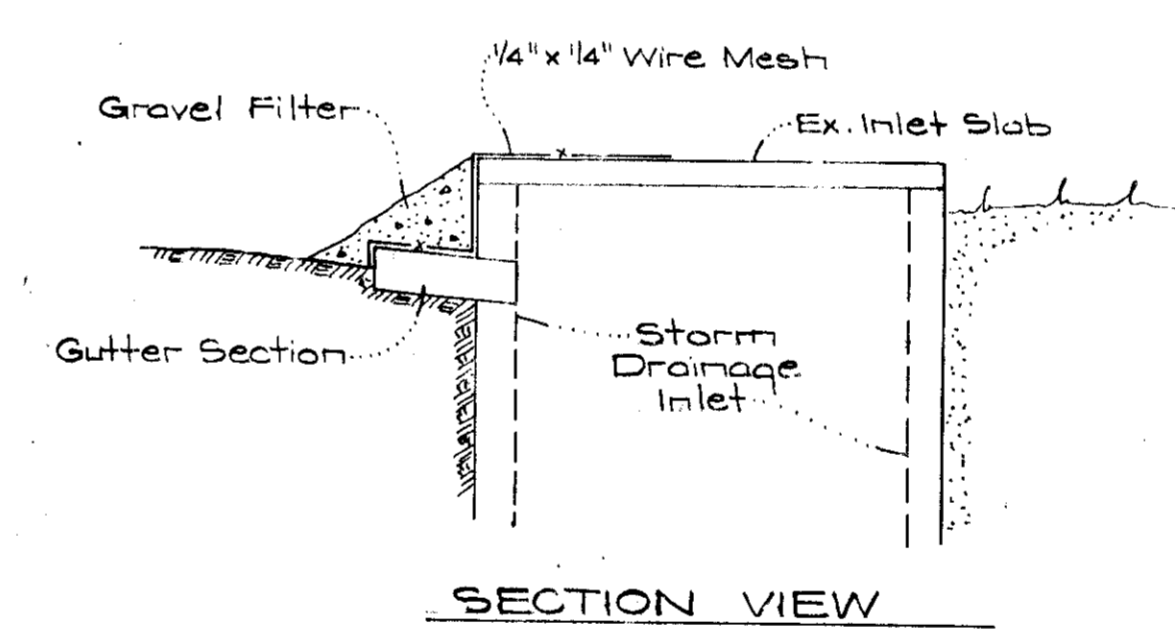
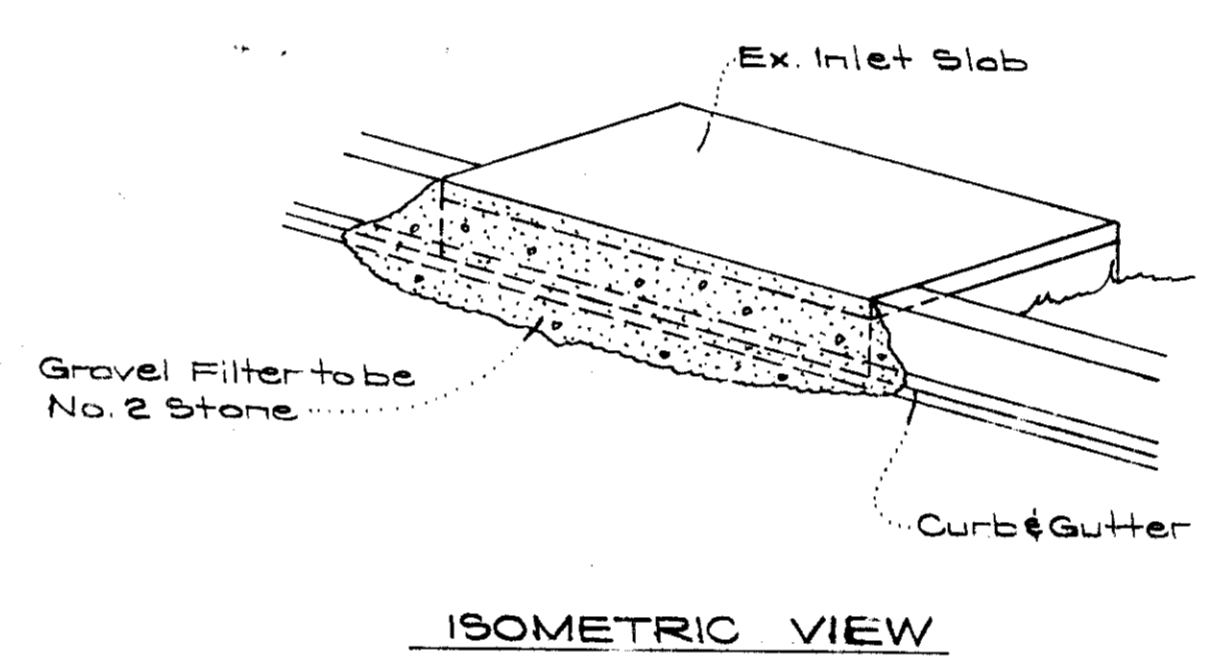


A resubdivision of Parcels D, E, F, G, Z and AA

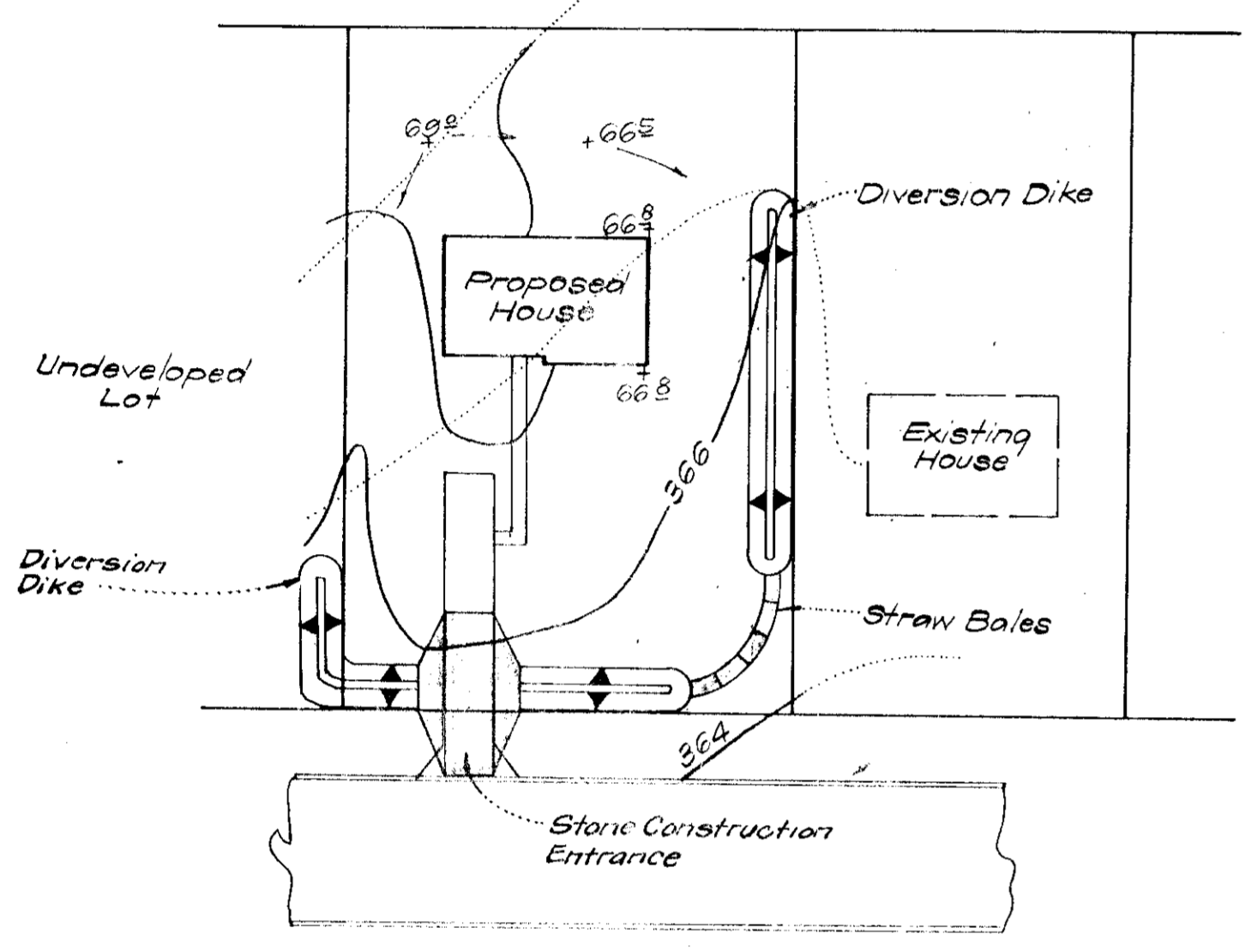
<p>CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 1131E LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400</p>		
DESIGNED R.V.S.	<p>SEDIMENT & EROSION CONTROL PLAN LOTS AA-1 THRU AA-6 & P-1 THRU P-15 LOTS D-5 THRU D-12 & Z-1 THRU Z-4 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND</p>	SCALE 1"=30'
DRAWN K.I.W.		DRAWING 6 of 7
CHECKED G.N.C.		JOB NO.
DATE June 1976	FOR: ROUSE INVESTING COMPANY BOX 805 Columbia, Md. 21044	FILE NO. 1193-9E



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



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 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 graded areas shall be treated in accordance with the following Specifications:
 - Seed-certified 85% germination applied at the rate of 2 lbs/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 40 lbs/1000 sq ft.
 - Mulch-Weed free grain straw applied at the rate of 70 lbs/1000 sq ft. Mulch shall be sealed to the ground by any approved method i.e. asphalt tack, 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:	7.48 Ac.
Area To Be Roofed:	1.07 Ac.
Area To Be Paved:	0.89 Ac.
Area To Be Seeded:	5.88 Ac.
Area Undisturbed:	0.14 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-Built" basis of 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 - 400 Ft.
- Surface water shall be diverted away from the area of the existing Spring house on Lot AA-4 during construction.

APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE 8-24-76

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER
DATE 9/1/76

APPROVED: HOWARD COUNTY OFFICE OF PLANNING ZONING
PLANNING DIRECTOR
DATE 9/1/76

CHIEF DIVISION OF LAND DEVELOPMENT
DATE 9/1/76

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR
DATE 9/1/76

CHIEF, BUREAU OF HIGHWAYS
DATE 9/1/76

Reviewed for HOWARD COUNTY S.C.D. Name
and meets Technical Requirements
Signature Date 9/1/76
U.S. Soil Conservation Service

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

APPROVED: Robert G. Fisher DATE: 9/1/76

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 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.

6-8-76 Date B. James Greenfield (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.

6-8-76 Date G. Nelson Clark (Signature)



A resubdivision of Parcels D, E, F, G, Z and AA.

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400	
DESIGNED RJS	SEDIMENT & EROSION CONTROL PLAN LOTS AA-1 THRU AA-8 & LOTS F-1 THRU F-15 LOTS D-6 THRU D-12 & LOTS Z-1 THRU Z-4 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND For: ROUSE INVESTING COMPANY BOX 905 Columbia, Maryland 21044
DRAWN KIYY	SCALE As Shown DRAWING 7 of 7
CHECKED G.N.C.	JOB NO. FILE NO. 1123-3E
DATE June 1976	