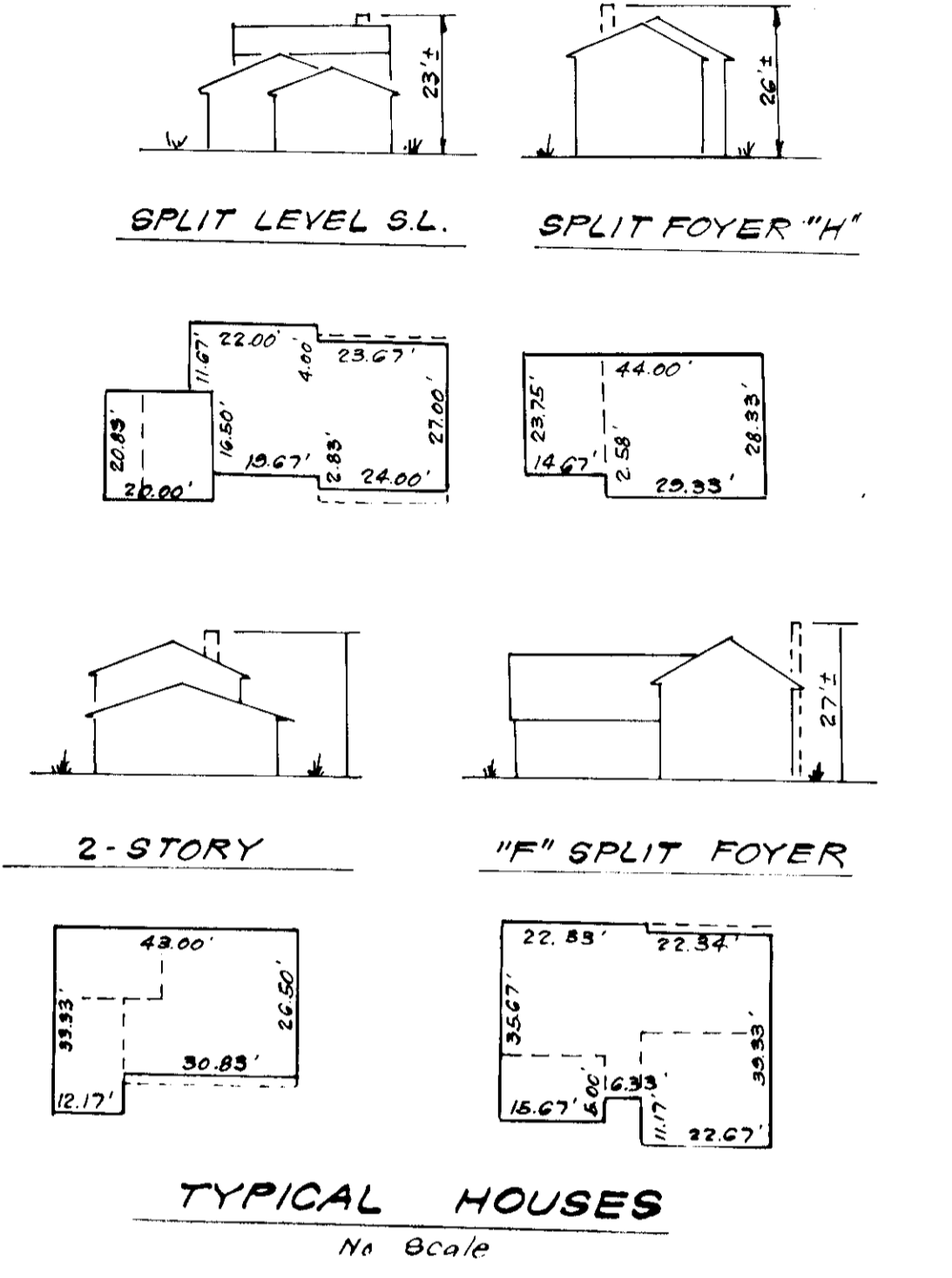
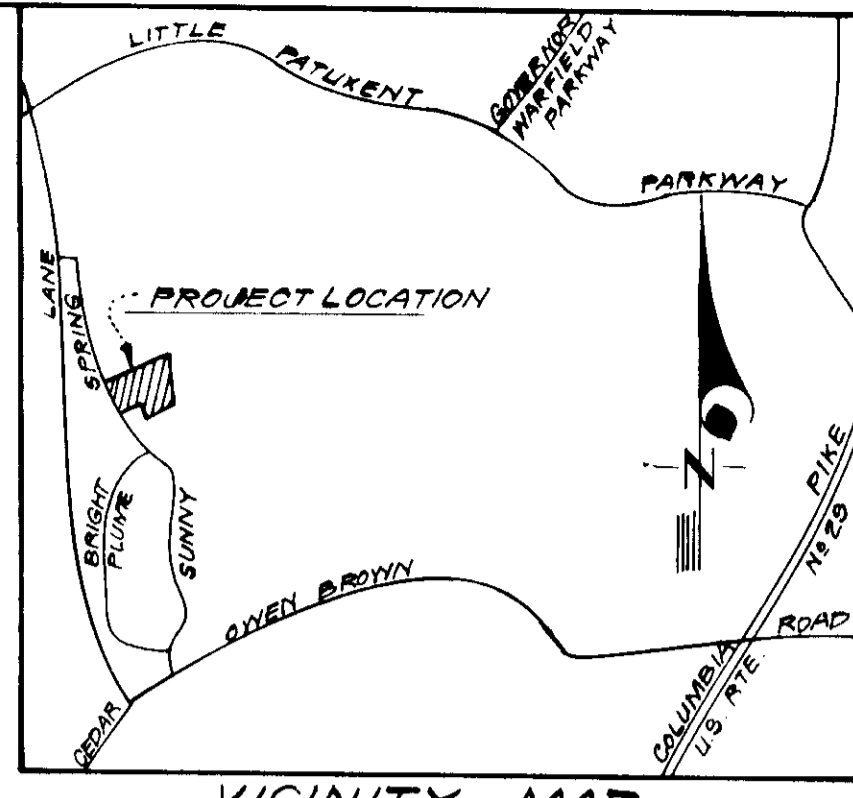


MATCH SHEET 2 of 2

LEGEND

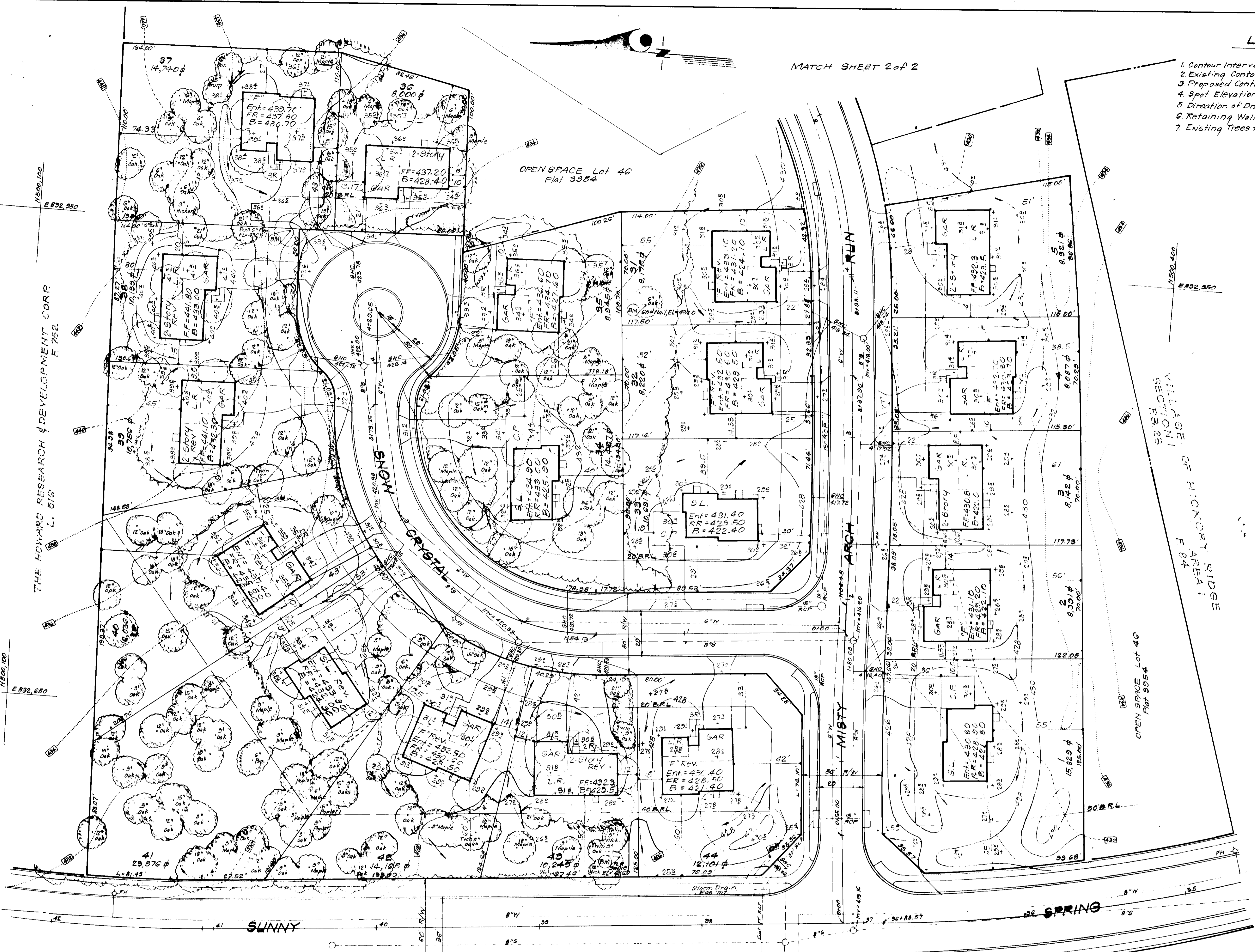
1. Contour Interval
2. Existing Contour
3. Proposed Contour
4. Spot Elevation
5. Direction of Drainage
6. Retaining Wall
7. Existing Trees to be Retained.



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 recorded in P.B. 3056, Folios A-39, A-34 & A-35.
3. All Coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast & Geodetic Survey Mean Sea Level Datum of 1929.
4. The Area covered in this subdivision is located on Tax Map # 35.
5. The Total Area included in this plan is 9.495 Acres.
6. All Roadways are public existing.
7. Any damage to county owned right of ways or paving shall be corrected at the developer's expense.

DEPARTMENT OF LAND DEVELOPMENT
 HOWARD COUNTY DEPARTMENT
 DATE: 4-28-78



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *[Signature]* 05-78
 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *[Signature]* 6-7-78
 DATE
 CHIEF DIVISION OF LAND DEVELOPMENT: *[Signature]* 6-6-78
 DATE

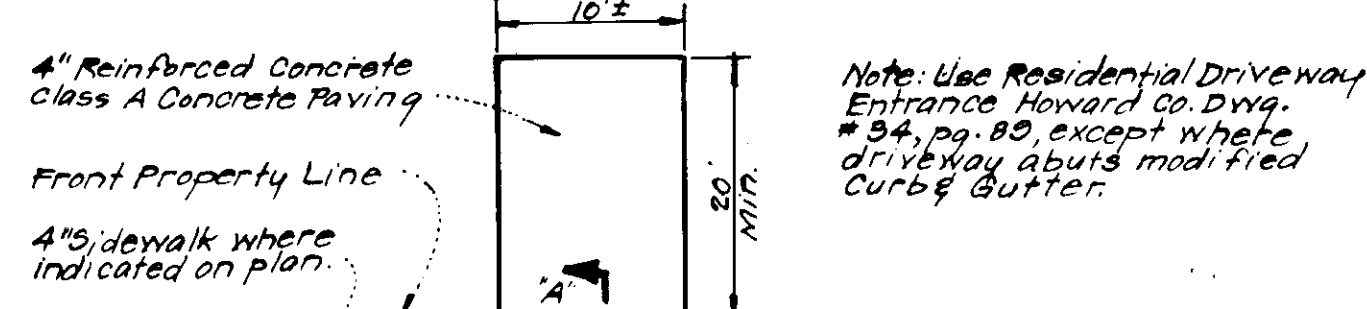
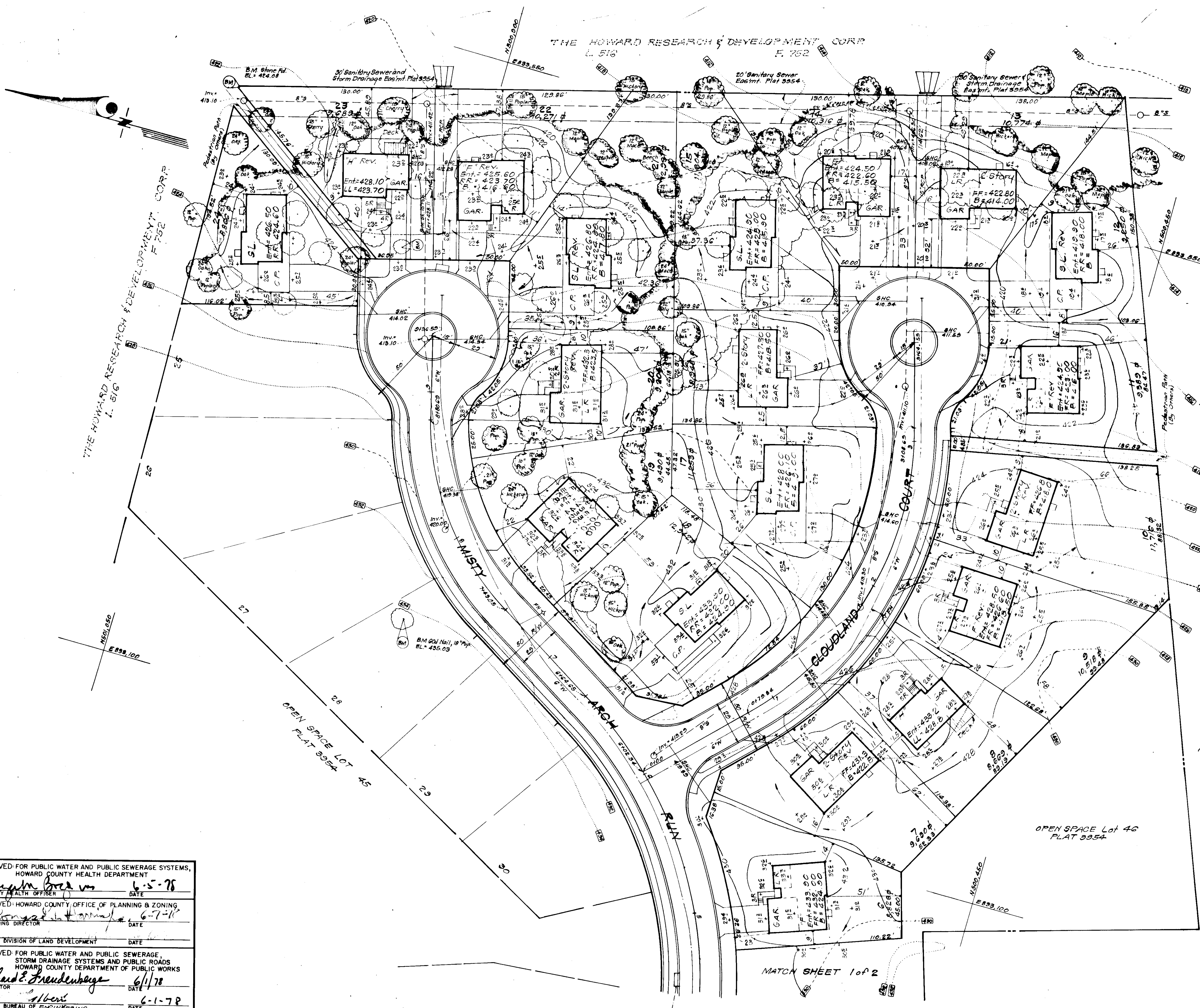
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *[Signature]* 6/1/78
 DATE
 CHIEF BUREAU OF ENGINEERING: *[Signature]* 6-1-78
 DATE

NO.	REVISION	DATE
1	Changed House Type & Spacing on Lot 40	5-2-78

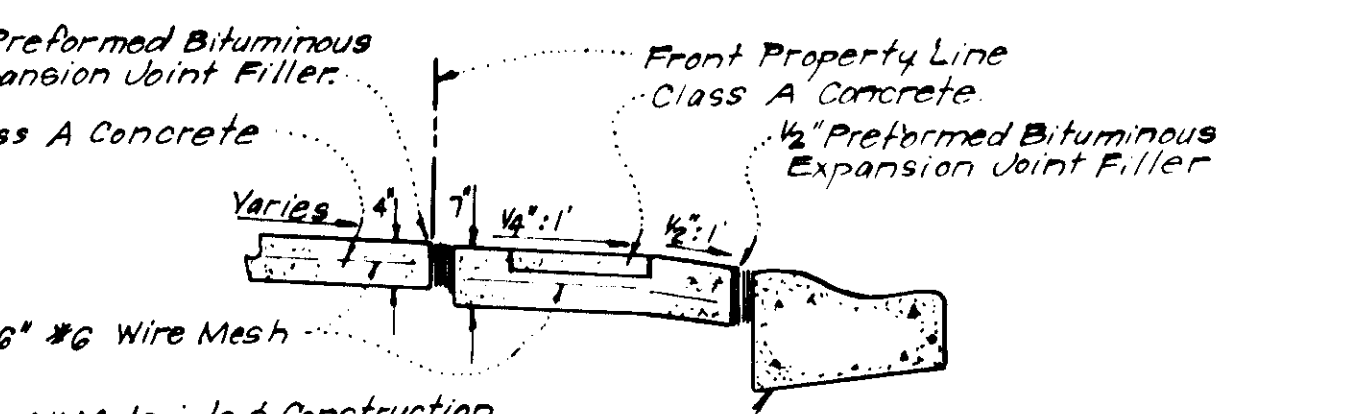
Note: For Bearings and Distances of Individual Lot Lines, see Record Plat recorded as Plat 3354.

CLARK • FINECKERS & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LUKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		SCALE	1"=30'
		DRAWING	10P5
DESIGNED	DBS	SITE DEVELOPMENT PLAN LOTS 1 THRU 24 & LOTS 31 THRU 44 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 5 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DRAWN	K.I.W.		FILE NO.
CHECKED	DBS	FOR: COLUMBIA BUILDERS INC. 600 American City Bldg. Columbia, Maryland 21044	1327-X
DATE	Mar, 1978	SDP-78-91c	See Also: 1200-5E

THE HOWARD RESEARCH & DEVELOPMENT CORP
L. 516 F. 752



4" Reinforced Concrete Class A Concrete Paving
Front Property Line
4" Sidewalk where indicated on plan
Curb Line
7" Reinforced Class A Concrete Paving
PLAN



1/2" Preformed Bituminous Expansion Joint Filler
Class A Concrete
6"x6" #6 Wire Mesh
Front Property Line Class A Concrete
1/2" Preformed Bituminous Expansion Joint Filler
Modified Combination Curb & Gutter, Ho. Co. Std. # D-40 pg. 315.
SECTION "A"-A"
DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER
No Scale

VILLAGE OF HICKORY RIDGE
SECTION 1
PLAT 3354

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 4-28-78

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
[Signature] COUNTY HEALTH OFFICER DATE 6-5-78
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] PLANNING DIRECTOR DATE 6-7-78
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] DIRECTOR DATE 6/1/78
CHIEF BUREAU OF ENGINEERING DATE 6-1-78

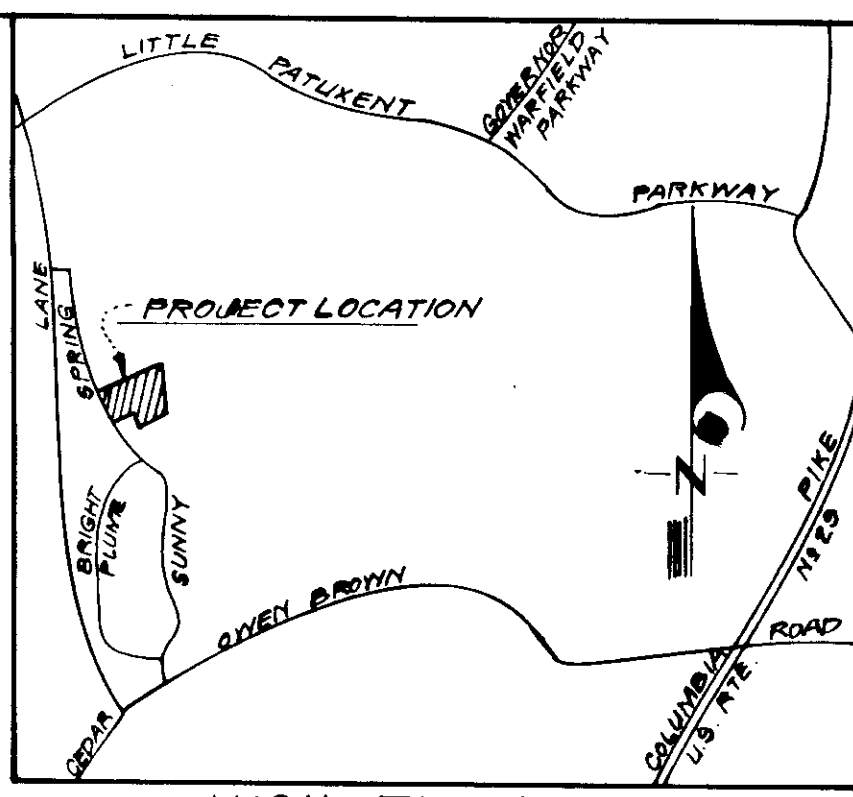
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11115 LUKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED D.B.S.	SITE DEVELOPMENT PLAN LOTS 1 THRU 24 & LOTS 31 THRU 44	SCALE 1"=30'
DRAWN K.I.W.	COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 5 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING 2 of 5
CHECKED D.B.S.		JOB NO.
DATE Mar, 1978	FOR: COLUMBIA BUILDERS INC. 606 American City Building Columbia Md. 21044	FILE NO. 1327-X

35P-78-91c See Also: 1890-SE

MATCH SHEET 2 of 2

LEGEND

1. Contour Interval 2 FT.
2. Existing Contour (---)
3. Proposed Contour (---)
4. Spot Elevation (+30.0)
5. Direction of Drainage (--->)
6. Retaining Wall (---)
7. Existing Trees to be Retained (○)
8. Diversion Dike (---)
9. Straw Bale Dike or Silt Fence (---)
10. Stone Filter Inlet Protection (S.F.I.P.)
11. Stone Construction Entrance (S.C.E.)



Reviewed for HOWARD COUNTY S.C.D. and meets Technical Requirements.
C. Wayne King 5-23-78
U.S. Soil Conservation Service

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

W. E. King Approved 5-24-78 Date

DEVELOPER'S CERTIFICATE

I certify that all development and/or construction is in accordance with this plan of development and/or construction and that I have provided for Erosion and Sediment Control and that I have provided for inspection by the Howard Soil Conservation District and that I have provided for all other requirements of the Howard Soil Conservation District. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

B. James Greenfield Signature 3-1-78 Date
B. James Greenfield

ENGINEER'S CERTIFICATE

I hereby certify that this plan of development and/or construction is in accordance with the requirements of the Howard Soil Conservation District and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

G. Nelson Clark Signature 3-31-78 Date
G. Nelson Clark

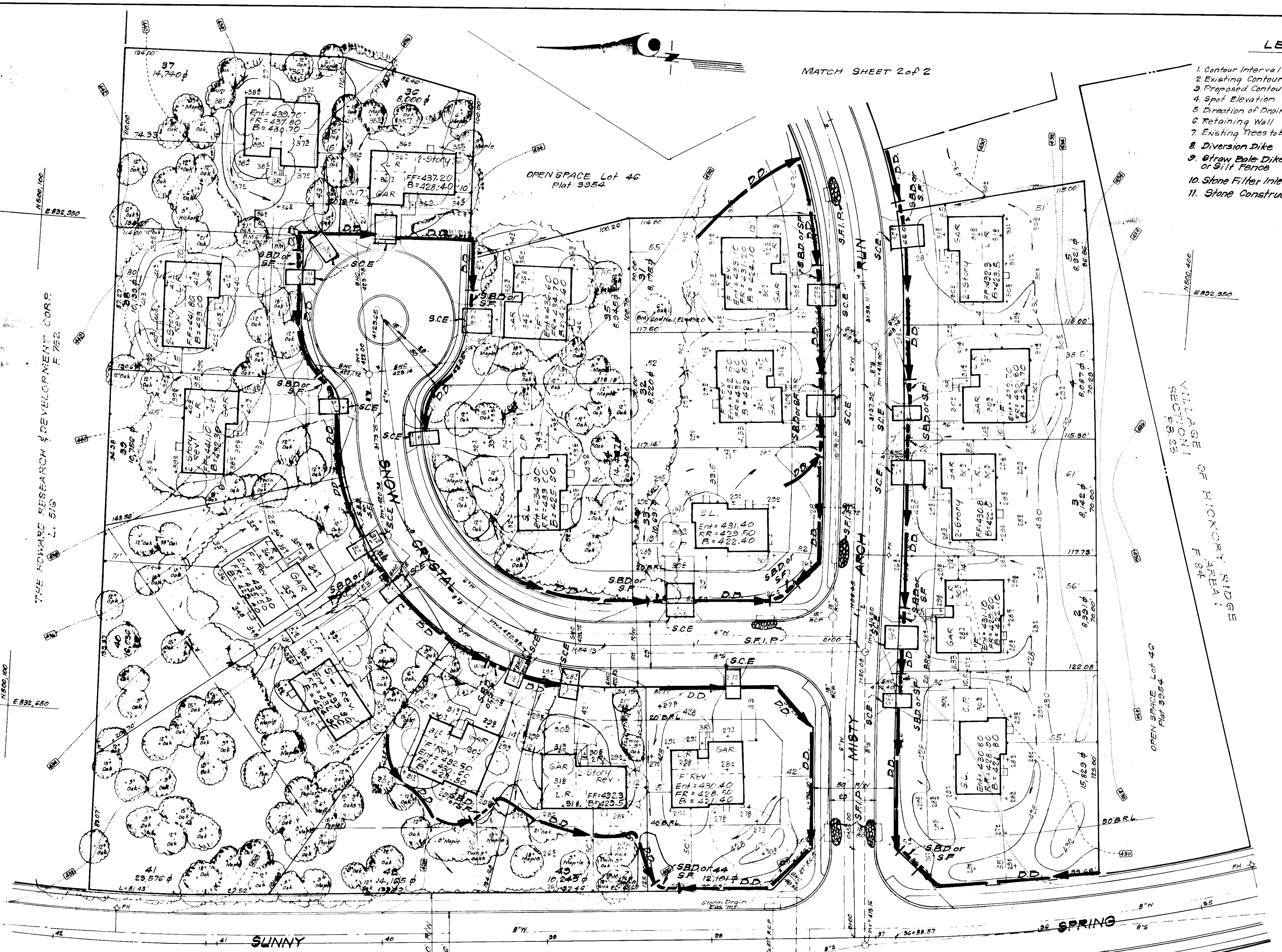
APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE: 4-28-78



Note: For Bearings and Distances of Individual Lot Lines, see Record Plat recorded as Plat 3954.

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LUXWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED R.J.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 24 & LOTS 31 THRU 44 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION I AREA 5 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN K.I.W.		DRAWING 3 of 5
CHECKED R.J.S.		JOB NO.
DATE Mar, 1978		FILE NO. 1290-91
FOR: COLUMBIA BUILDERS INC. 606 American City Bldg. Columbia, Maryland 21044 5DP-78-91C See Also: 1327-X		



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
6-5-78 DATE
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
6-1-78 DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
6/1/78 DATE
6-1-78 DATE

OPEN SPACE LOT 19
F.B. 23 E. 78

OPEN SPACE LOT 1
F.B. 29 E. 79

THE HOWARD RESEARCH & DEVELOPMENT CORP
L. 516 F. 752

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
C. Wayne Ray 5-23-78
Signature Date
U.S. Soil Conservation Service
THIS DEVELOPMENT PLAN IS APPROVED
FOR SOIL EROSION AND SEDIMENT
CONTROL BY THE HOWARD SOIL
CONSERVATION DISTRICT.

See EPP
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 hereby permit 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
B. James Greenfield 3-31-78

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
G. Nelson Clark 3-31-78

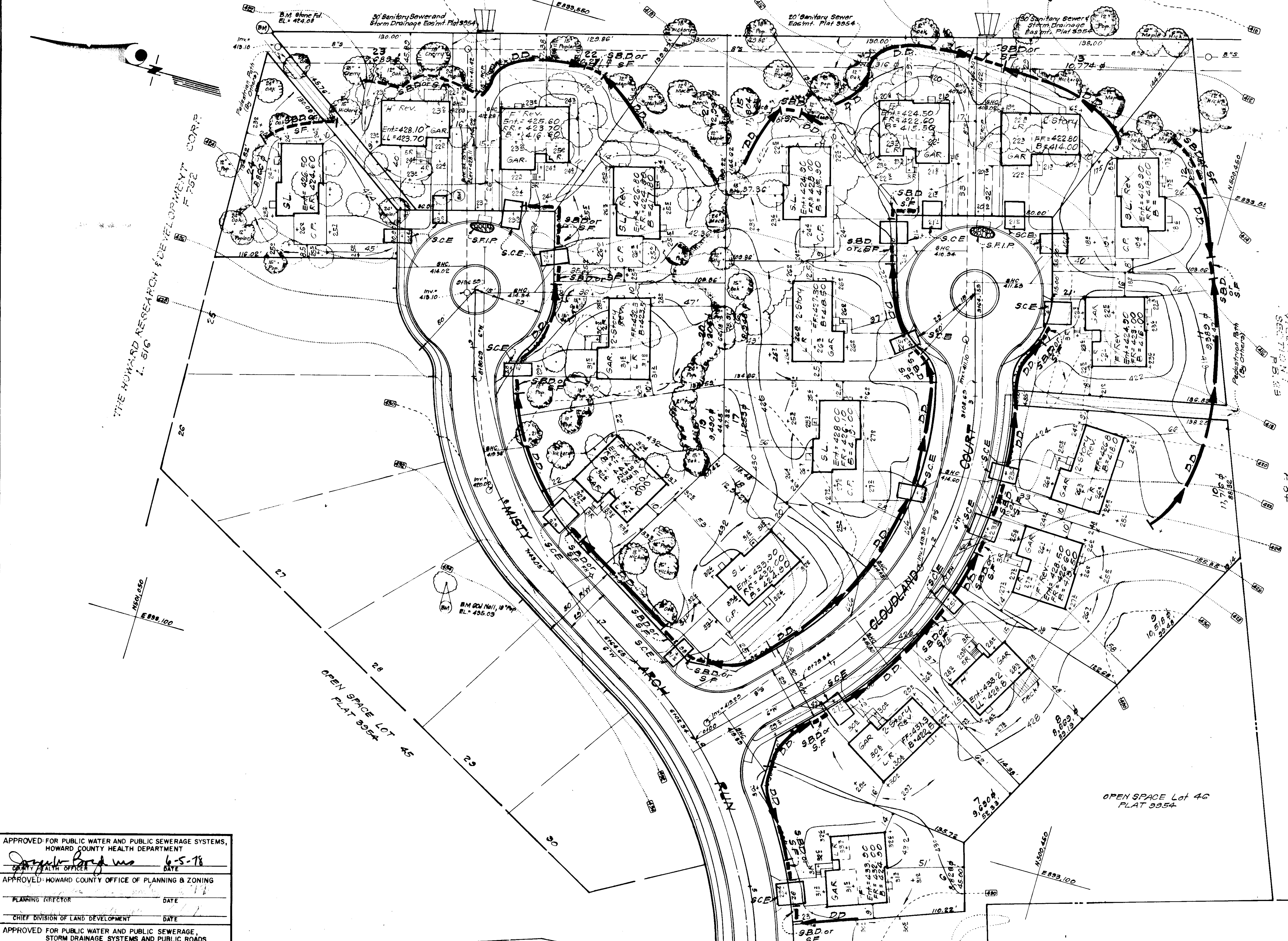
APPROVED
DIVISION OF LAND DEVELOPMENT



HOWARD COUNTY, MARYLAND
DATE 4-28-78

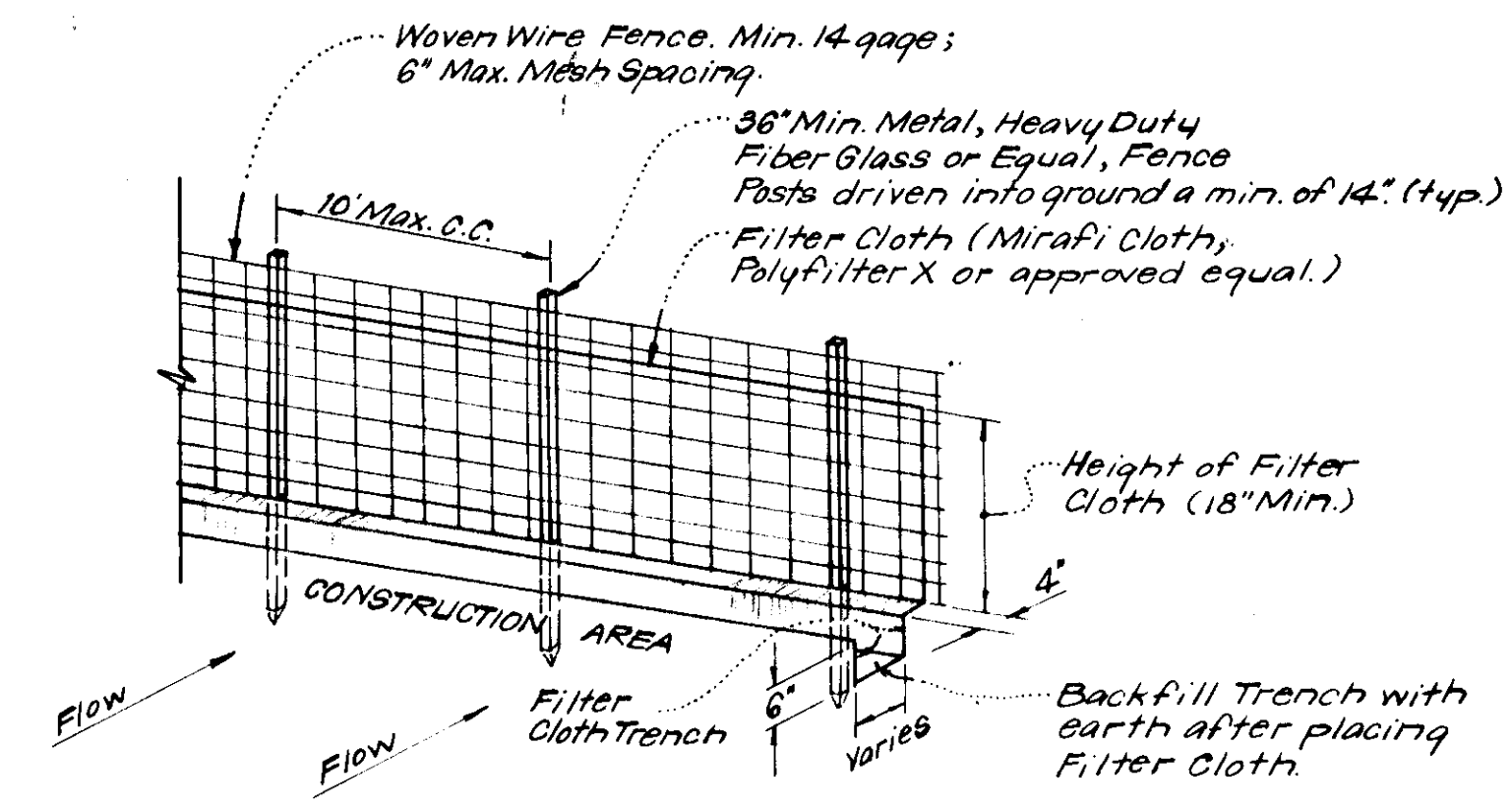
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James H. ... 6-5-78
DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE
CHIEF DIVISION OF LAND DEVELOPMENT DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard E. ... 6/1/78
DATE
W. J. ... 6-6-78
DATE
CHIEF BUREAU OF ENGINEERING

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11335 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED R.J.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 24 & LOTS 31 THRU 44	SCALE 1"=30'
DRAWN K.I.W.	COLUMBIA	DRAWING 4 of 5
CHECKED R.J.S.	VILLAGE OF HICKORY RIDGE SECTION 1 AREA 5 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE Mar, 1978	FOR: COLUMBIA BUILDERS INC. 606 American City Building Columbia Md. 21044	FILE NO. 1290 SE

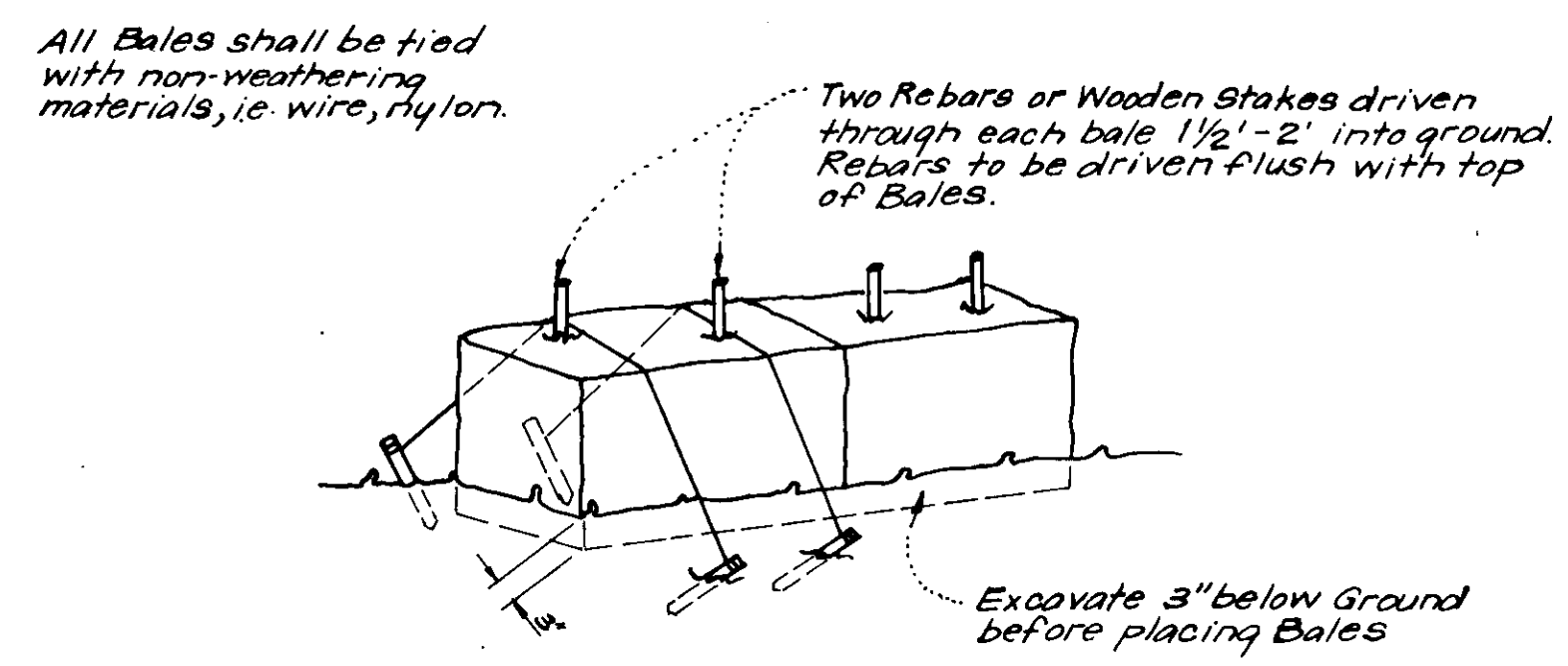


GENERAL NOTES

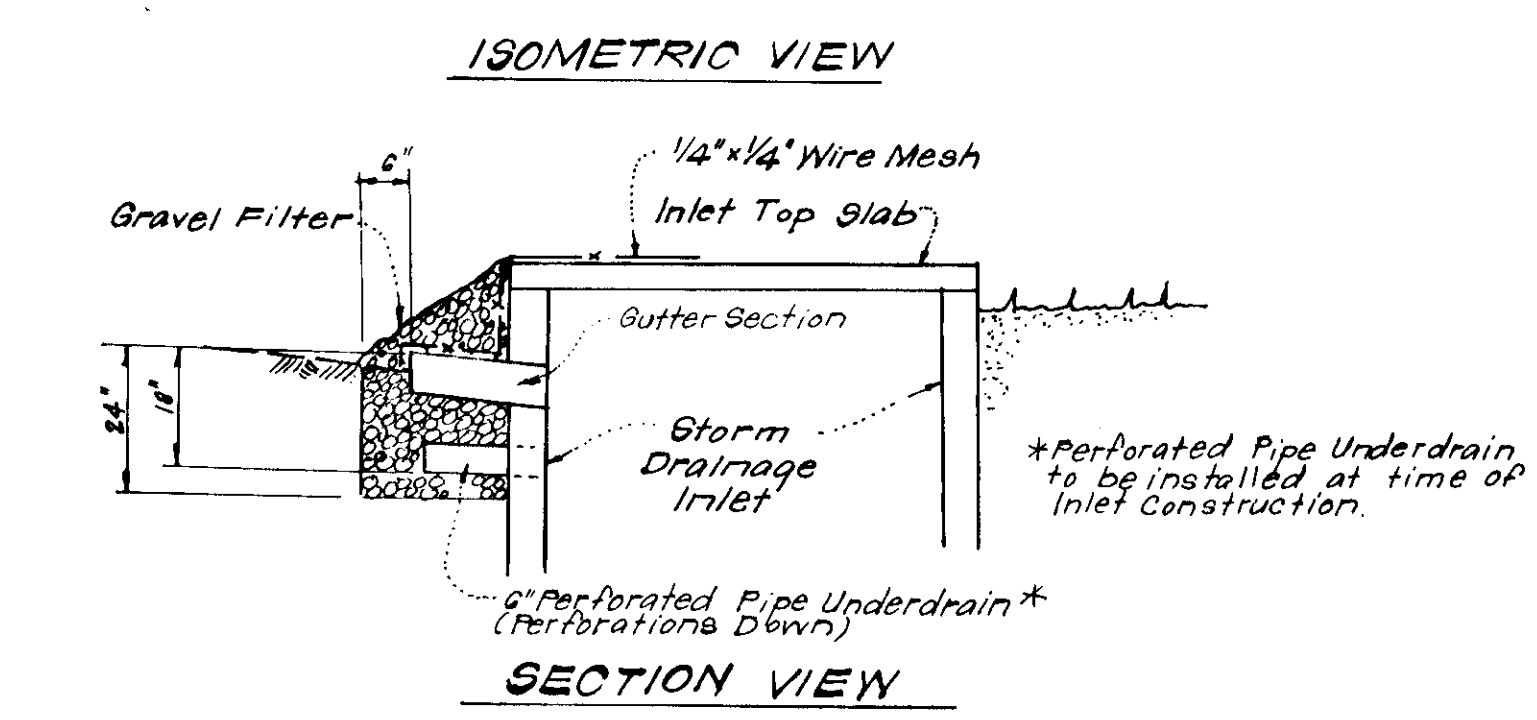
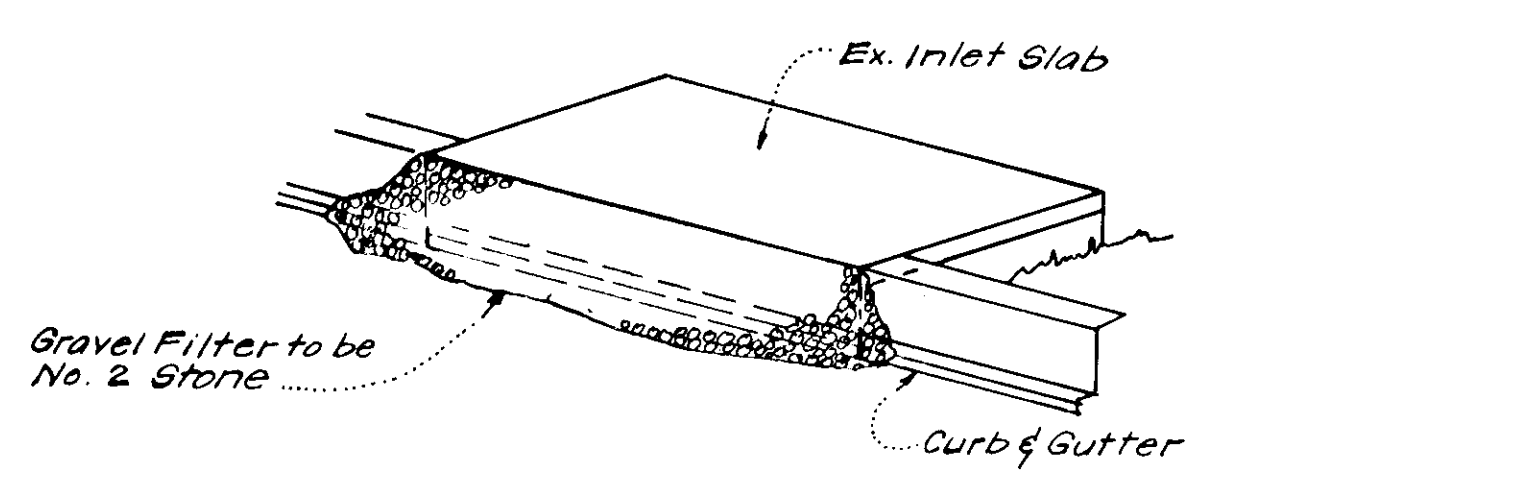
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at a rate of 14 lbs/1000 s.f.
- Notify 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 Grading shall be treated in accordance with the following specifications:
 - Seed - certified 85% germination applied at the rate of 3 lbs/1000 s.f. mixture - 40% Kentucky Blue, 20% Chewy Fescue, 20% Kentucky 31, and 20% annual rye.
 - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 s.f. Ground Agricultural Lime or Dolomitic Lime applied at the rate of 46 lbs/1000 s.f.
 - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 s.f. 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 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.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved Sediment Control Device, i.e. straw bale, diversion dike, etc.
- 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.
- SITE ANALYSIS:**
 - Total Area = 3.496 Acres
 - Area to be Roofed = 1.310 Acres
 - Area to be Paved = 0.545 Acres
 - Area to be Seeded = 4.308 Acres
 - Area Undisturbed = 2.733 Acres
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & 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 Note #5.
- If Houses are to be constructed on an "As Sold" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.
- It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales or Silt Fence shown = 710 L.F.



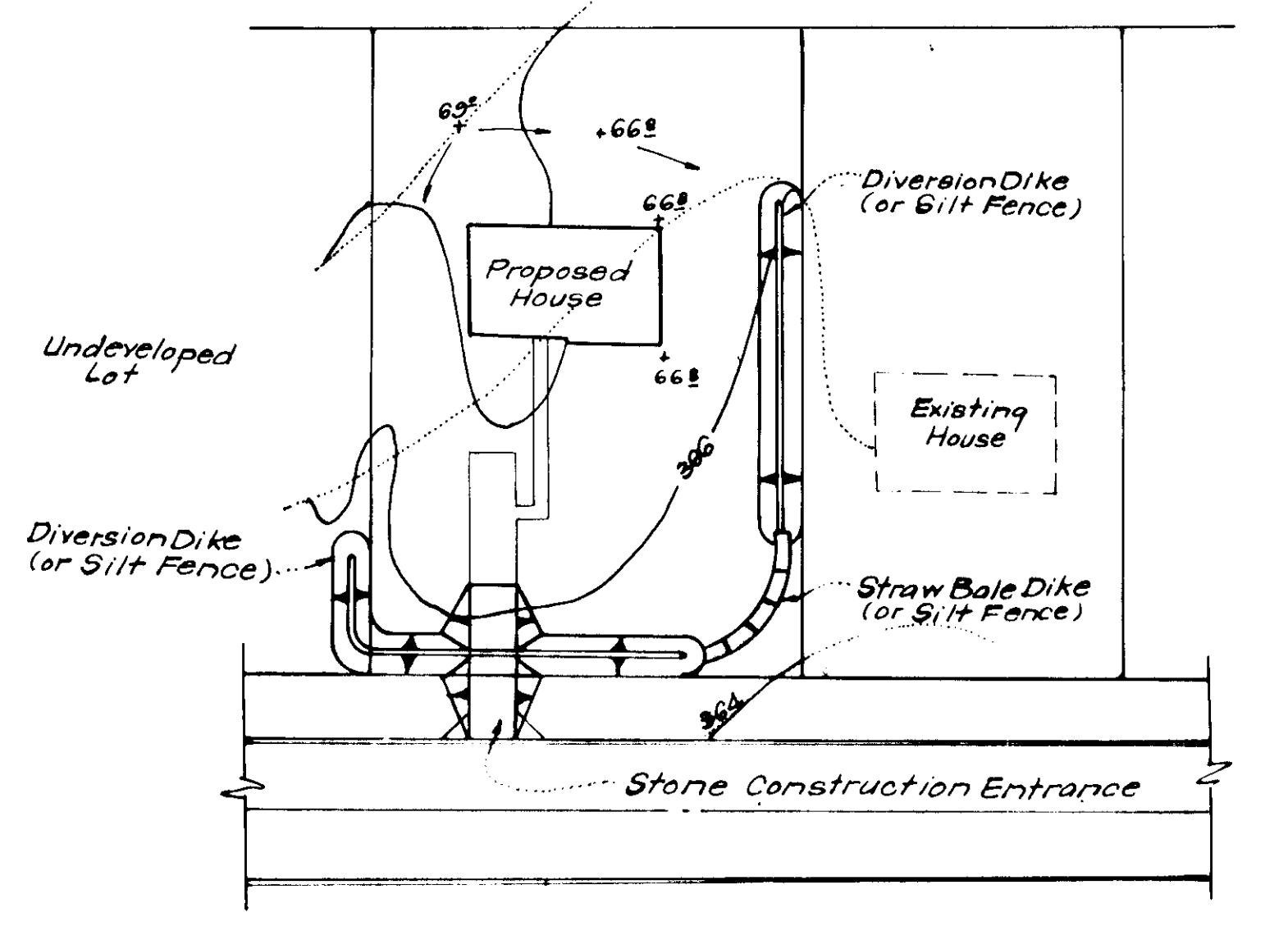
SILT FENCE DETAIL (S.F.)
No Scale



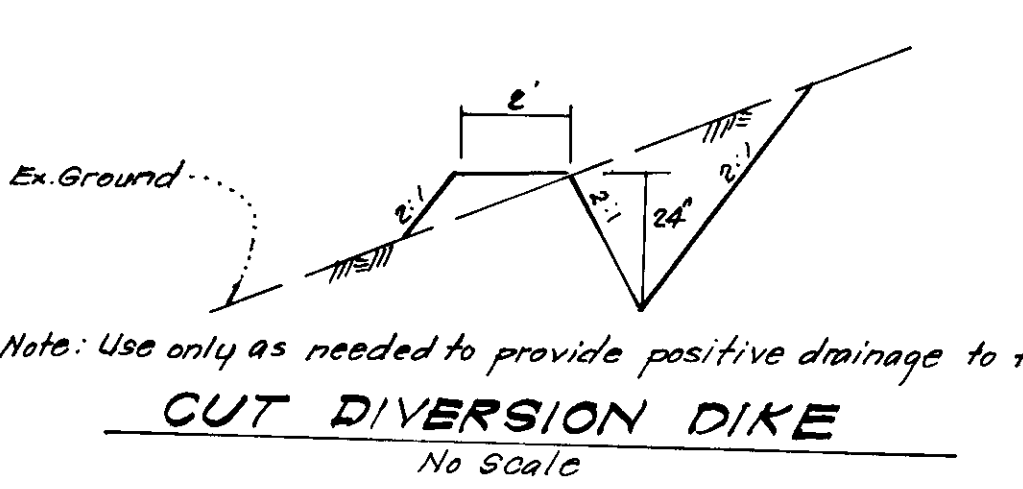
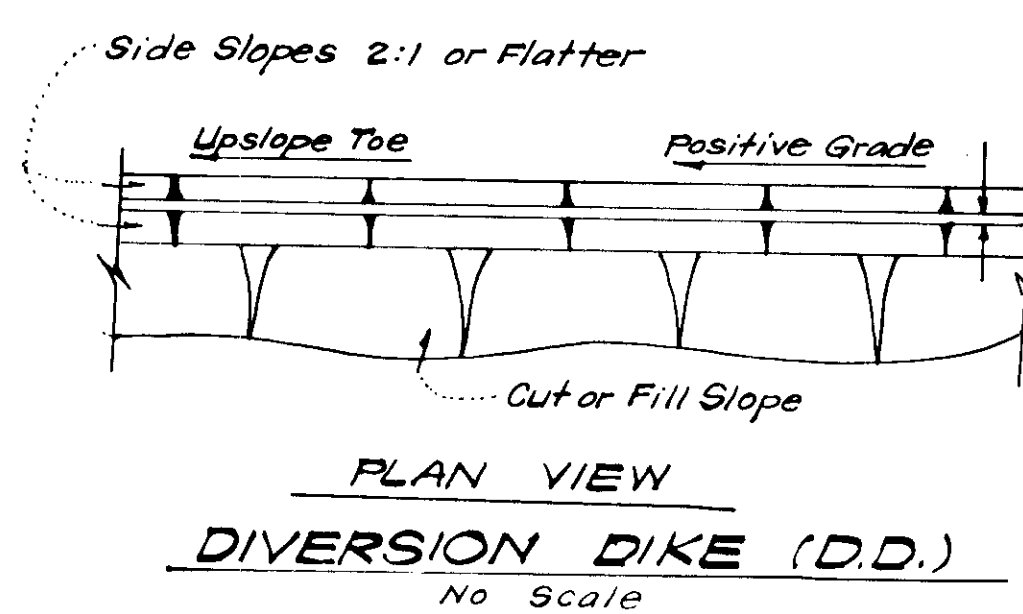
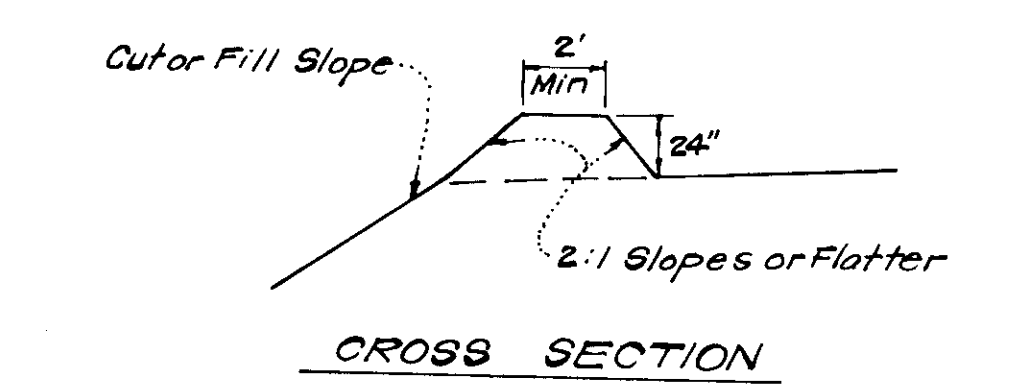
TYPICAL STRAW BALE DETAIL (S.B.D.)
No Scale



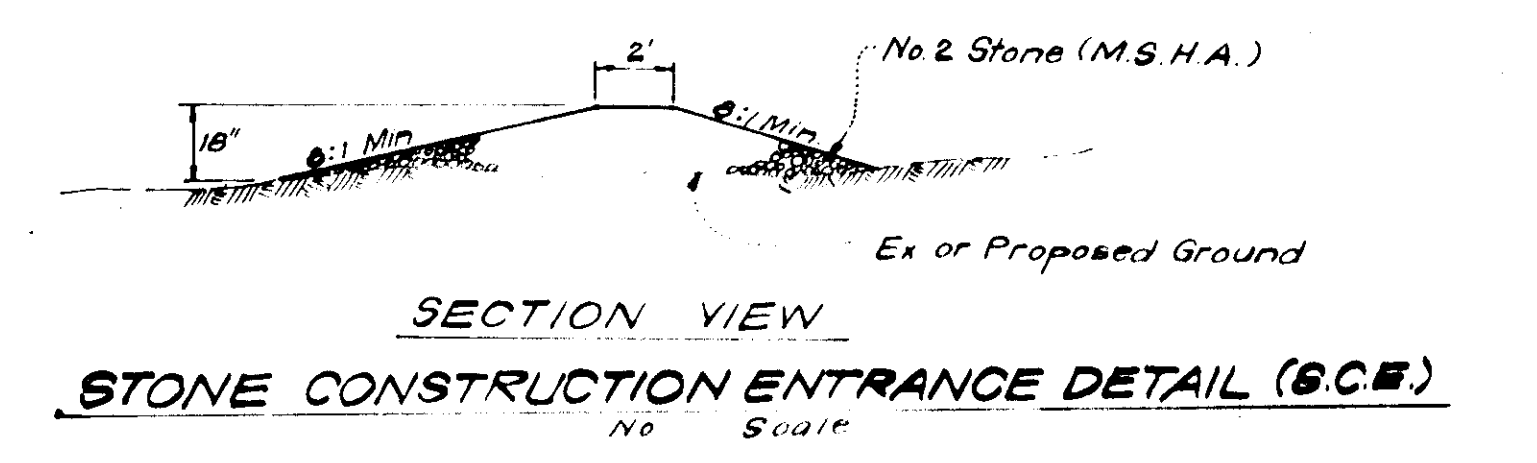
STONE FILTER INLET PROTECTION DETAIL (S.F.I.P.)
No Scale



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



CUT DIVERSION DIKE
No Scale



STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
Joseph Brock 6-5-78
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE
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
Richard E. Freudenberger 6/1/78
DIRECTOR DATE

Wes Finner 5-24-78
CHIEF BUREAU OF ENGINEERING DATE

Reviewed for... HOWARD S.C.D.
Name
and meets Technical Requirements
R. Wayne Reay 5-23-78
Signature Date
U.S. Soil Conservation Service

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

Wes Finner Approved 5-24-78 Date

DEVELOPER'S CERTIFICATE
I certify that all development and/or construction will be done according to this plan of development for Erosion and Sediment Control, and I also guarantee to the Inspector by the Howard County Health Department 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 3-3-78
Signature Date
B. James Greenfield

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.

L. Nelson Clark 5-31-78
Signature Date
L. Nelson Clark



APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 4-28-78

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11115 LUKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400	
DESIGNED <i>R.U.S.</i>	SCALE As Shown
DRAWN <i>K.I.W.</i>	DRAWING 5 of 5
CHECKED <i>R.U.S.</i>	JOB NO.
DATE Mar, 1978	FILE NO. 1290-SE
SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 1 THRU 24 & LOTS 31 THRU 44 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 5 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: Columbia Builders Inc. 606 American City Building Columbia, Md. 21044	