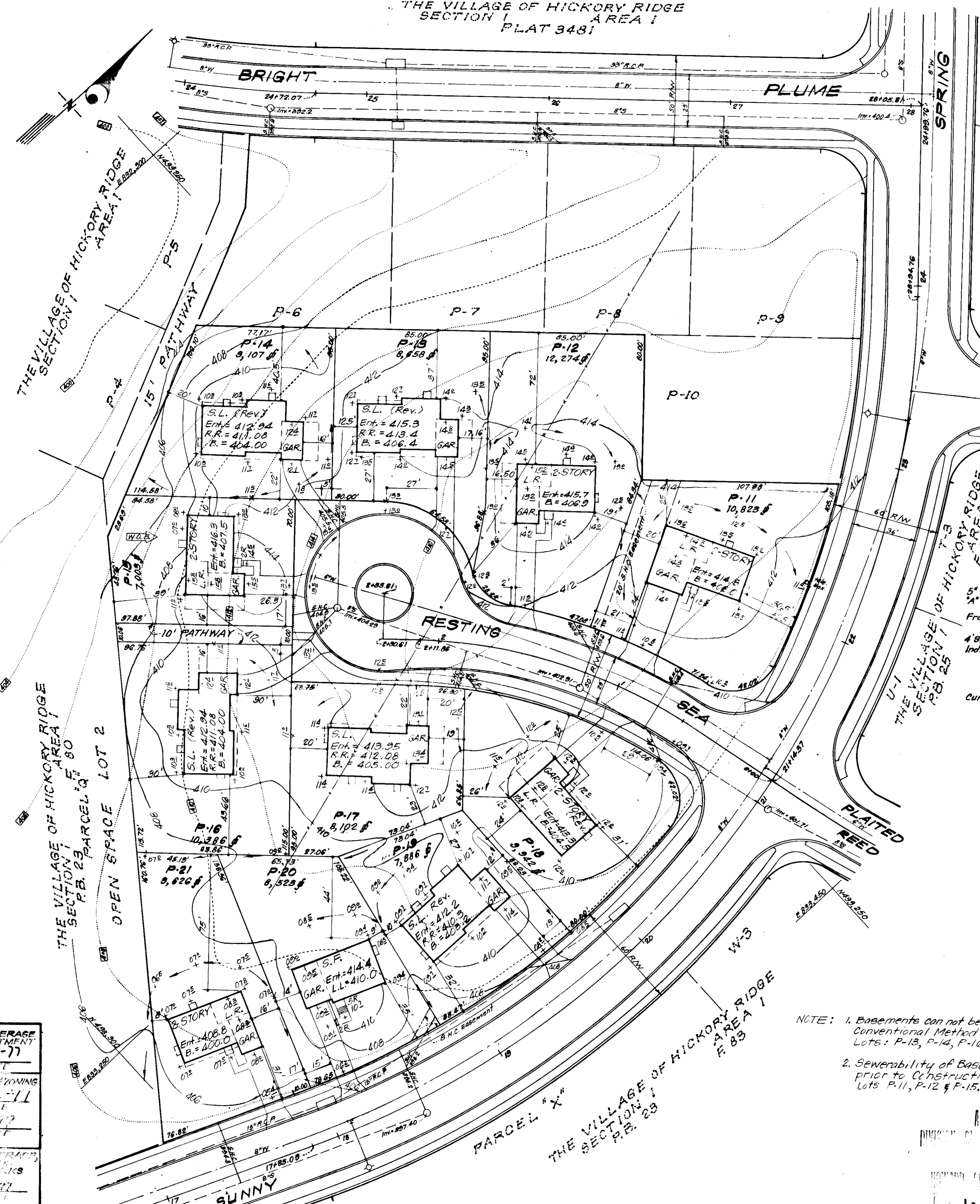
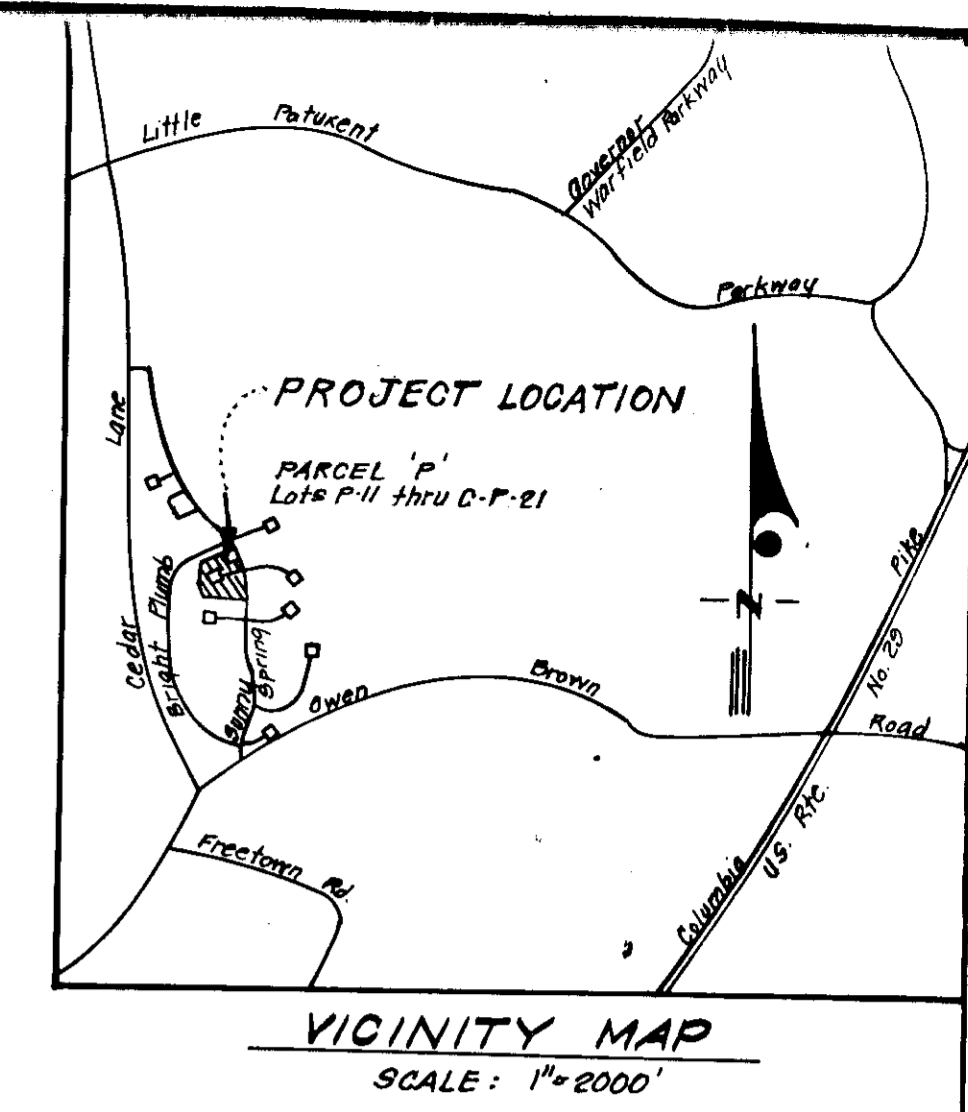


THE VILLAGE OF HICKORY RIDGE
SECTION I AREA I
PLAT 3481

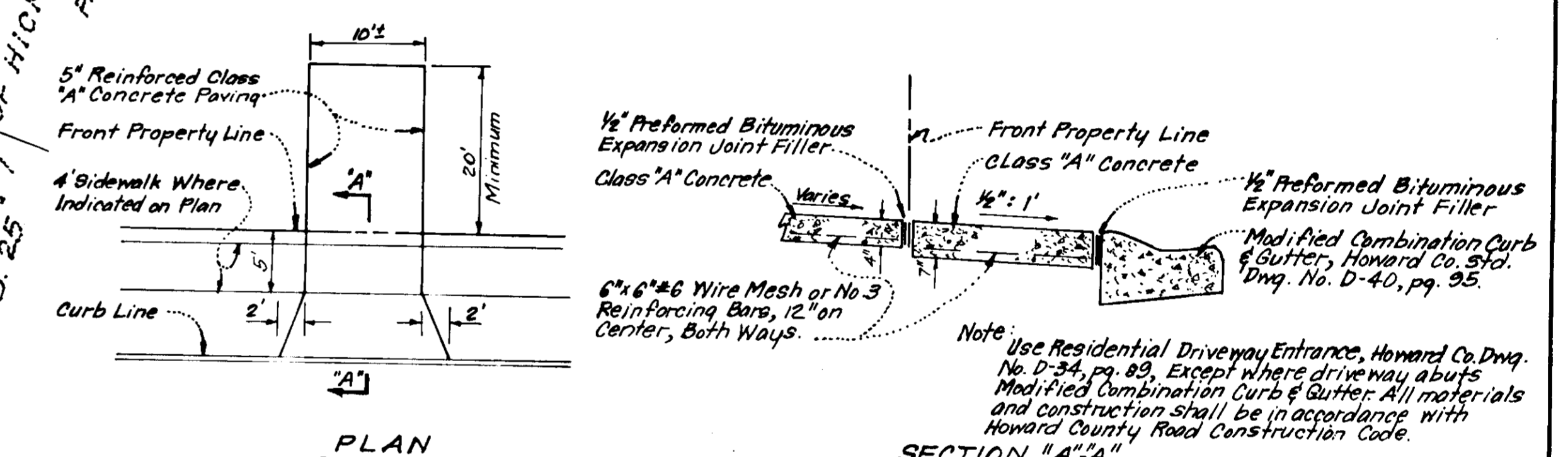


- LEGEND**
- 1. Contour Interval 2 Ft.
 - 2. Existing Contour --- 340
 - 3. Proposed Contour --- 340
 - 4. Spot Elevation +40.8
 - 5. Direction of Drainage ---
 - 6. Yard Requirements: Front: 30' on 60' R.O.W.
20' on 80' R.O.W.
Side: 7.5' Min. ---
 - 7. Walk-out Basement ---

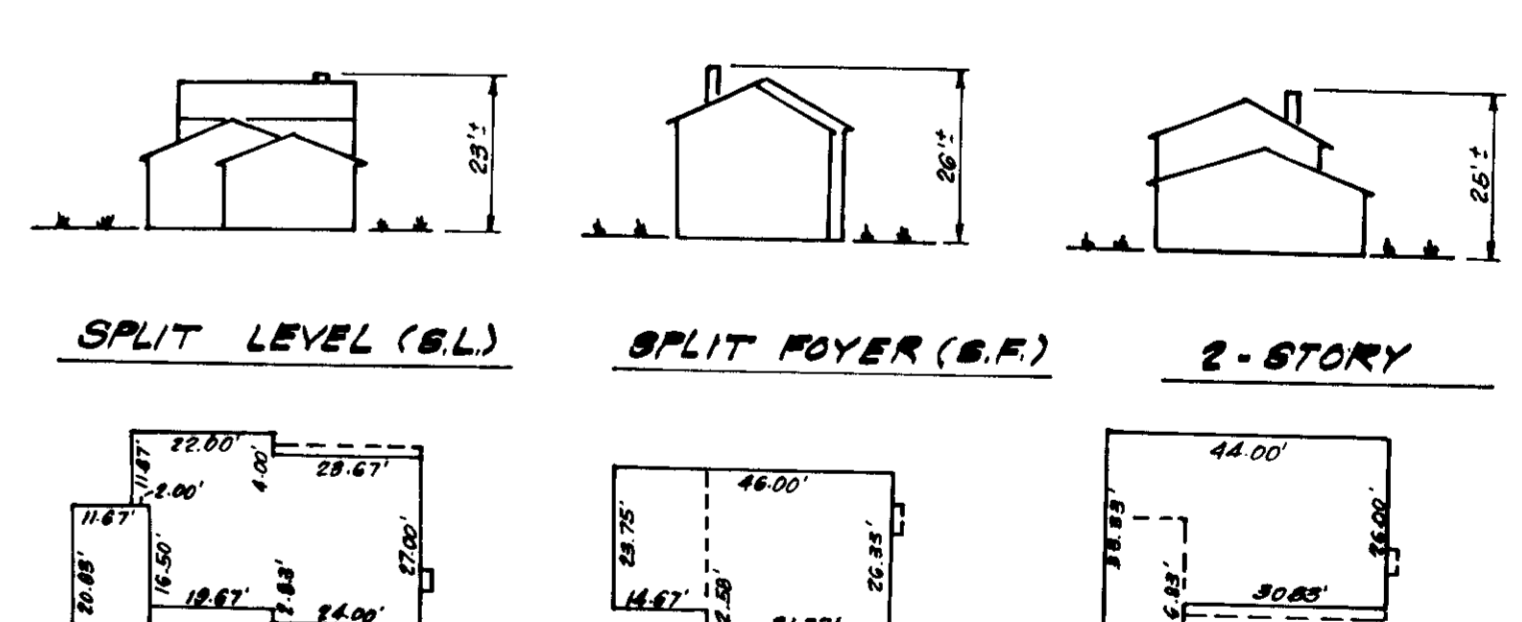


GENERAL NOTES

1. All coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
2. The lots shown on this plan are covered by Final Development Plan Phase 100-A recorded in Plat Book 20 Folios 149 to 157.
3. The Area covered in this submission is located on Tax Map No. 35.
4. The total area covered in this plan is 2.349 Acres.
5. The land included in this plan is zoned New Town (S.F.M.D.).
6. Street & Utility Improvements of Sunny Spring are exist. and of Resting Sea are proposed.
7. Any damage to County owned Rights of Ways or paving shall be corrected at the Developer's expense.



DRIVEWAY ABUTTING MOD. COMB. CURB & GUTTER
NO SCALE



TYPICAL HOUSES
NO SCALE

- NOTE:**
1. Basements can not be seweried by Conventional Methods on the following Lots: P-13, P-14, P-16, P-17, & P-18.
 2. Sewerability of Basements to be verified prior to Construction of the following Lots: P-11, P-12 & P-15.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
BY THE BOARD OF HEALTH DEPARTMENT
Joseph Bolino 2-14-77
DATE

APPROVED FOR PLANNING
BY THE BOARD OF PLANNING
James J. Regan 2-16-77
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
BY THE BOARD OF HEALTH DEPARTMENT
James J. Regan 2-16-77
DATE

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
1-2-77

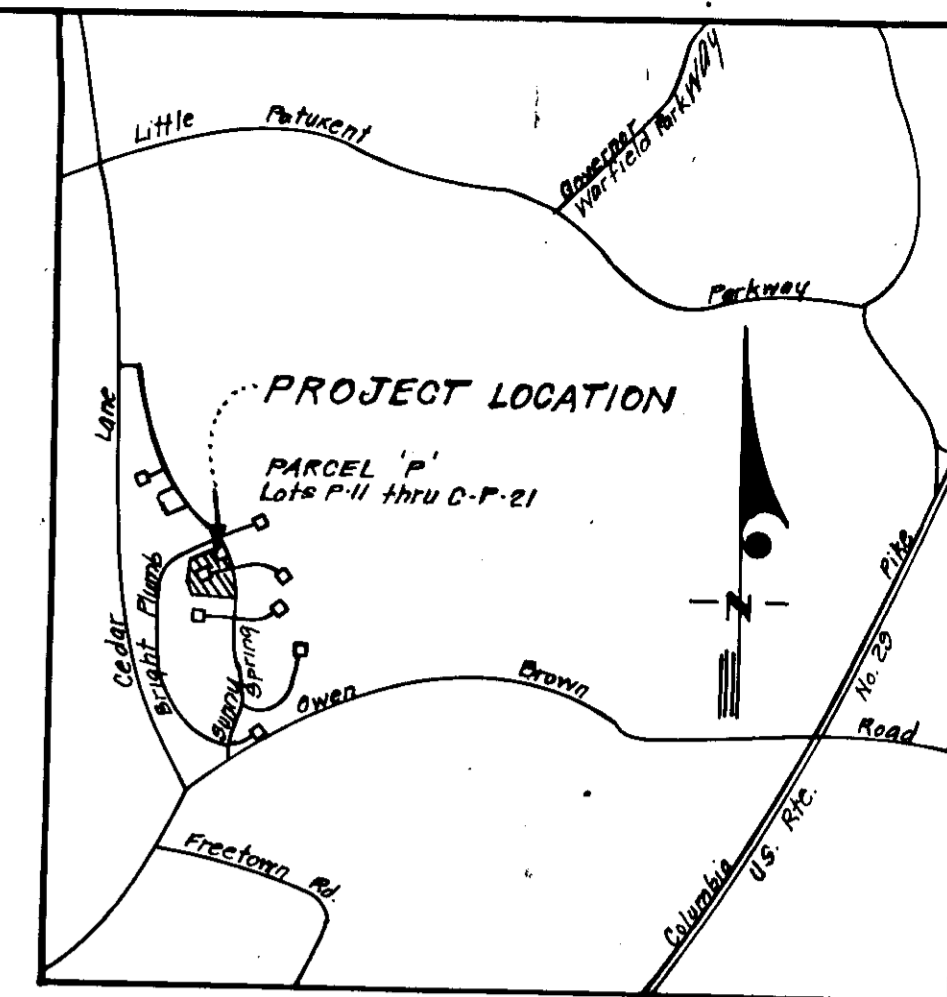
Ronald P. Sackett

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11335 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 659-3400			
DESIGNED D.B.S.	SITE DEVELOPMENT PLAN LOTS P-11 THRU P-21 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION I AREA I 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'	
DRAWN K.I.W.		DRAWN BY J.P.B.	
CHECKED D.B.S.		JOB NO.	
DATE Dec., 1976		FOR: COLUMBIA BUILDERS INC. 800 American City Building Columbia, Maryland 21043	FILE NO. 12-012
			SDP-77-48c

THE VILLAGE OF HICKORY RIDGE
SECTION 1
AREA 1
PLAT 3481

LEGEND

1. Contour Interval 2 FT.
2. Existing Contour
3. Proposed Contour
4. Spot Elevation +408
5. Direction of Drainage
6. Yard Requirements: Front: 30' on 80' R.O.W.
20' on 50' R.O.W.
Side: 7.5' Min.
7. Walk-out Basement.
8. Diversion Dike
9. Straw Bale Dike or Silt Fence
10. Stone Filter Inlet Protection
11. Stone Construction Entrance

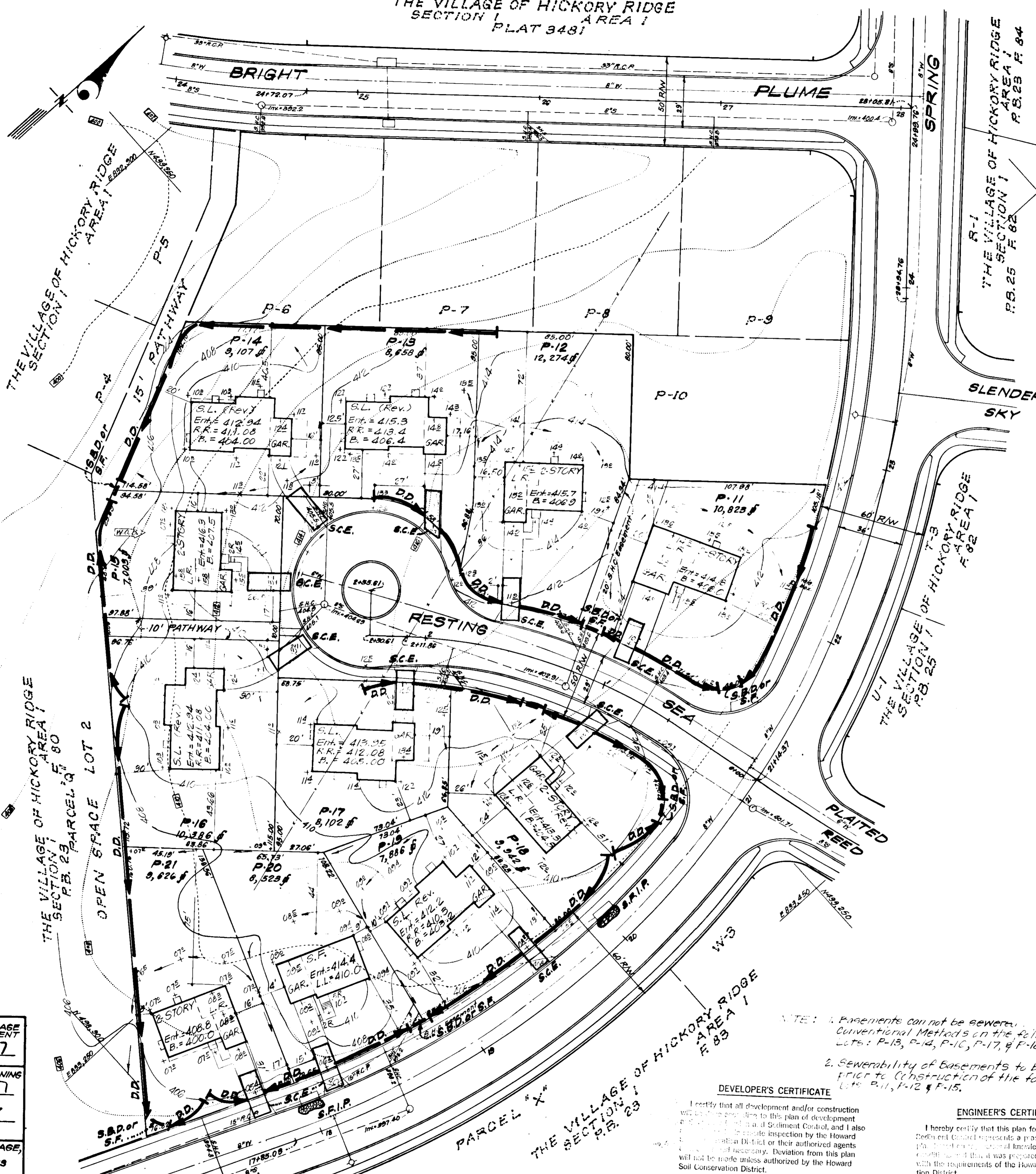


VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

1. All coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
2. The lots shown on this plan are covered by Final Development Plan Phase 100-A recorded in Plat Book 20 Folios 149 to 157.
3. The Area covered in this submission is located on Tax Map No. 35.
4. The total area covered in this plan is 2.349 Acres.
5. The land included in this plan is zoned New Town (S.F.M.D.).
6. Street & Utility Improvements of Sunny Spring are exist; and of Resting Sea are proposed.
7. Any damage to County owned Rights of Ways or paving shall be corrected at the Developer's expense.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER 2-14-77
 DATE
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR 2-16-77
 DATE
 CHIEF DIVISION OF LAND DEVELOPMENT 2-7-77
 DATE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR 2-10-77
 DATE
 CHIEF BUREAU OF HIGHWAYS 2-10-77
 DATE



Reviewed for HOWARD S.C.D.
 Name
 Eric V. Herman 2/7/77
 Signature Date
 U.S. Soil Conservation Service

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

APPROVED
 DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
 DATE 1-2-77

Robert W. Ziehl 2-7-77
 Approved Date

NOTE: 1. Basements can not be sewer. Conventional Methods on the following lots: P-13, P-14, P-10, P-17, & P-18.
 2. Sewerability of Basements to be verified prior to Construction of the following lots: P-11, P-12 & P-15.

DEVELOPER'S CERTIFICATE

I certify that all development and/or construction will be in accordance with this plan of development and will be subject to the supervision of the Howard County Health Department and I also certify that the site inspection by the Howard County Health Department or their authorized agents will be made as necessary. Deviation from this plan will not be made unless authorized by the Howard Soil Conservation District.

B. James Greenfield 2-7-77
 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 and the requirements of the Howard Soil Conservation District.

G. Nelson Clark 2-16-76
 Signature Date



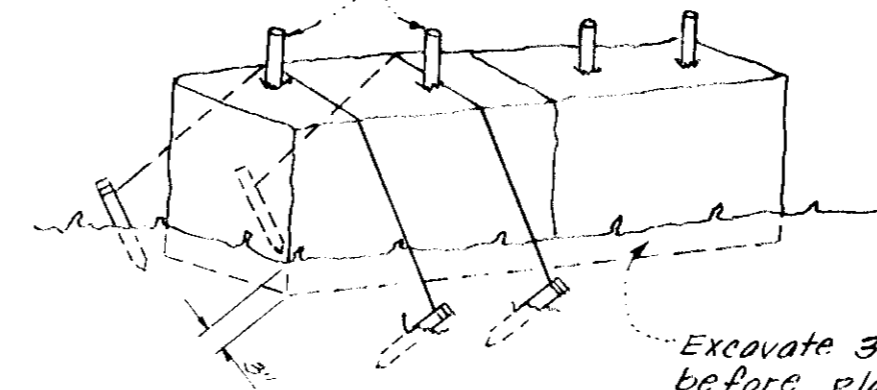
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LURKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED D.B.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS P-11 THRU P-21 COLUMBIA VILLAGE OF HICKORY RIDGE AREA 1 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: COLUMBIA BUILDERS INC. 606 American City Building Columbia, Maryland 21043	SCALE 1"=30'
DRAWN K.I.W.		DRAWING 2 of 3
CHECKED D.B.S.		JOB NO.
DATE Dec, 1976		FILE NO. 1218-SE
SDP-77-48 See Attn: H.C. Plat 3481 74-8 1250-X		

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 Howard Soil Conservation District and 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 - Wood 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, ph. 465-3180 or 465-6000, 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, etc.
- Site Analysis:
 - Total Area: 2.35^{ac}
 - Area to be Roofed: .33^{ac}
 - Area to be Paved: .12^{ac}
 - Area to be Seeded: 1.9^{ac}
 - Area Undisturbed: 0
- 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.
- 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 and Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales or Silt Fence shown = 65 L.F.

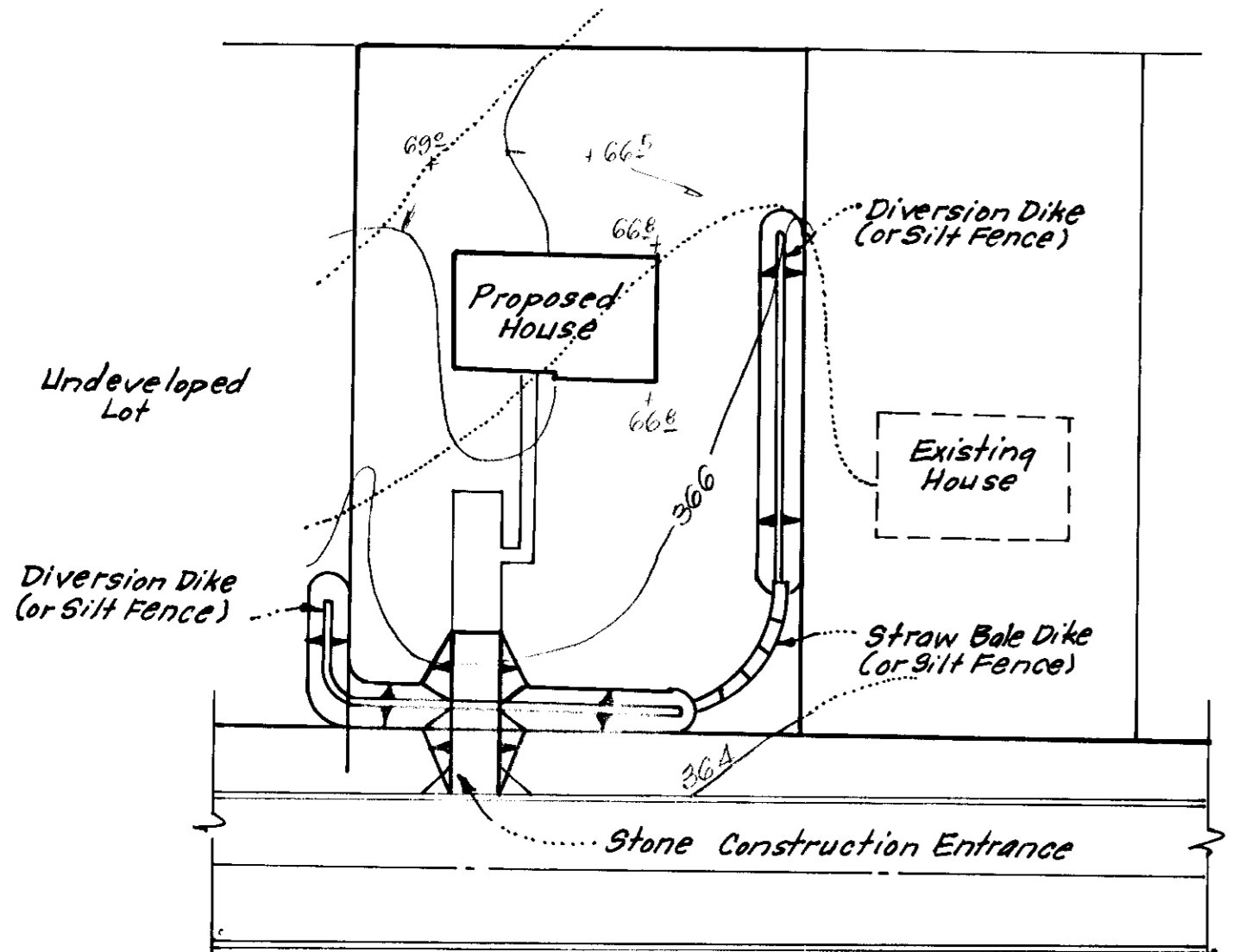
All bales shall be tied with non-weathering material, i.e. wire, nylon.

Two rebars or wooden stakes driven through each bale 1/2" - 2" into ground. Rebars to be driven flush with top of bales.

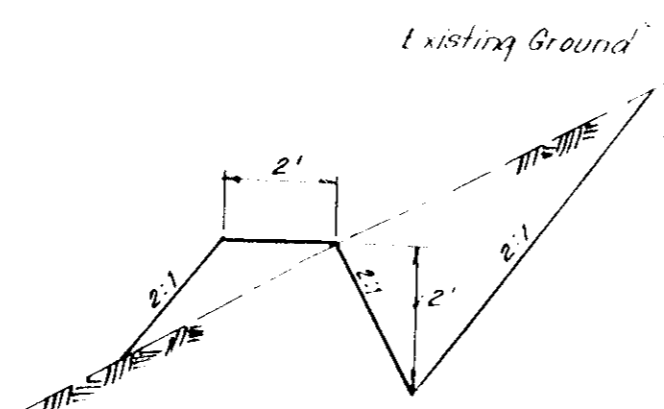


Note: In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

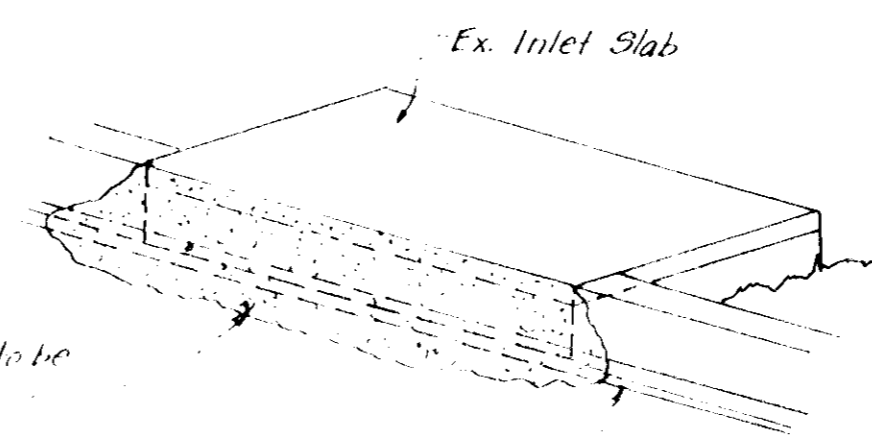
TYPICAL STRAW BALE DETAIL (S.B.D.)
No Scale



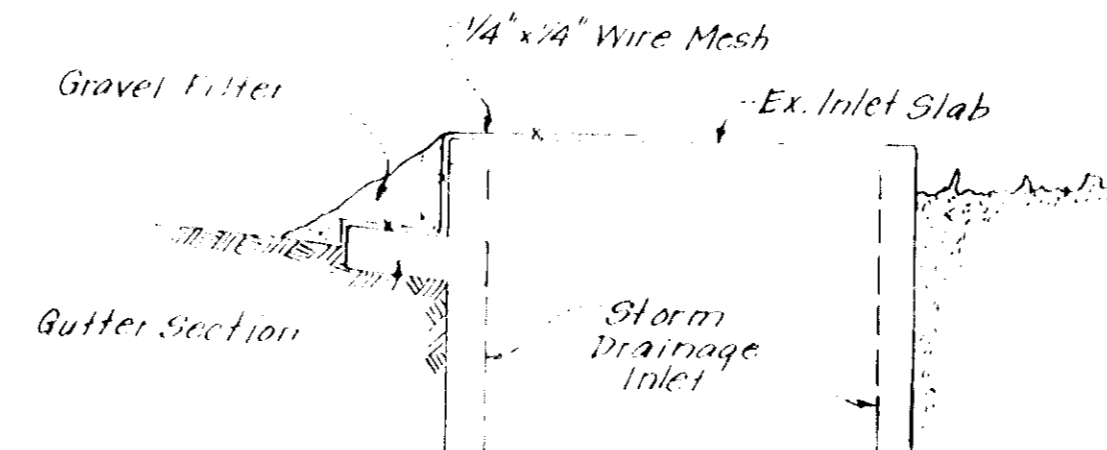
TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



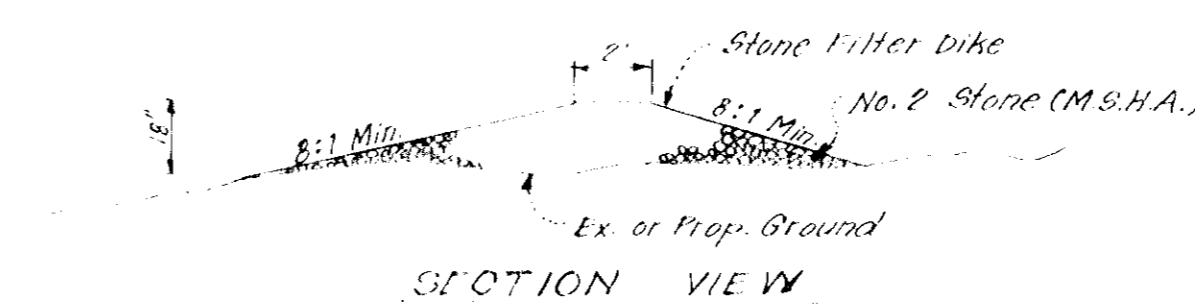
CUT DIVERSION DIKE
No Scale



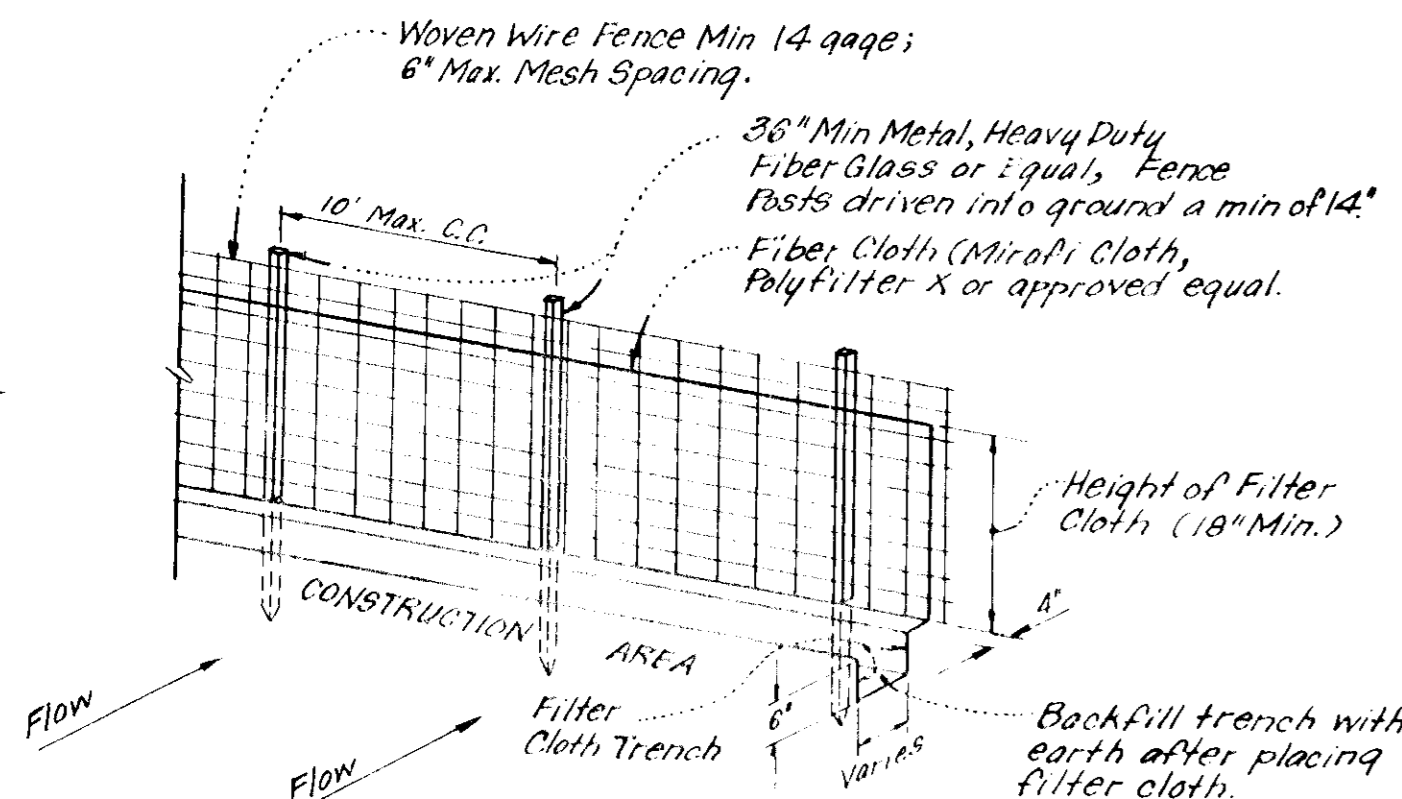
ISOMETRIC VIEW



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

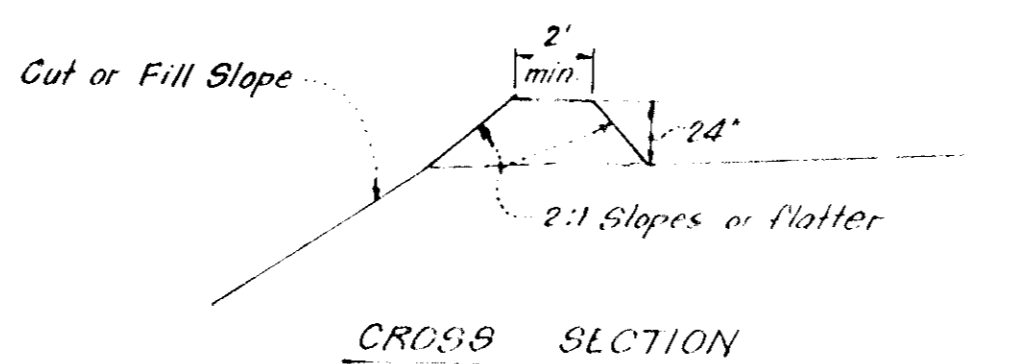


SECTION VIEW
STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
No Scale

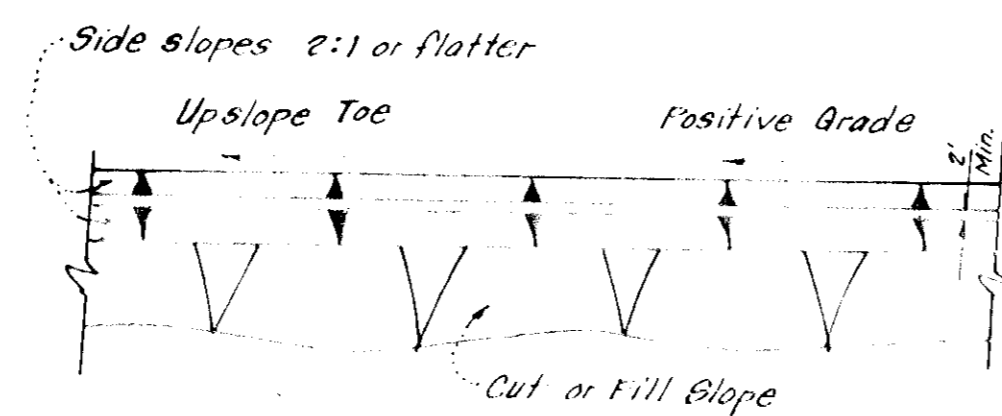


- NOTES:
- Woven Wire fence to be fastened securely to fence posts by use of wire ties.
 - Filter cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

SILT FENCE DETAIL (S.F.)
No Scale



CROSS SECTION



PLAN VIEW
DIVERSION DIKE (D.D.)
No Scale

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 2-14-77
 APPROVED FOR PLANNING & ZONING
 2-16-77
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS & TRAILWORKS
 2-16-77

Reviewed for HOWARD S.C.D. and meets Technical Requirements
 Eric V. Herman 2/17/77
 Signature Date
 US Soil Conservation Service

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

Robert W. Zielhuis 2-7-77
 Approved Date

DEVELOPER'S CERTIFICATE
 I certify that all development and construction will be done in accordance with the plan of these sheets and that I will take the necessary steps to insure that the Howard Soil Conservation District's standards and specifications are followed. If the plan will not be as shown, I will notify the Howard Soil Conservation District.

B. James Greenfield 11-21-76
 Signature Date

ENGINEER'S CERTIFICATE
 I hereby certify that the Erosion and Sediment Control measures shown on these sheets were prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer in the State of Maryland.

H. W. Clark 12-16-76
 Signature Date



APPROVED
 DIVISION OF PLANNING & ZONING
 HOWARD COUNTY
 DATE 1-2-77
 W.M.

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11214 LICKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400

DESIGNED BY D.A.B.
 DRAWN BY K.W.
 CHECKED BY G.N.C.
 DATE DEC, 1976

SCALE AS SHOWN
 DRAWING NO. 3 of 2
 JOB NO.
 FILE NO. 1218-SE

**SITE DEVELOPMENT PLAN
 SEDIMENT & EROSION CONTROL PLAN
 LOTS P-11 THRU P-21
 COLUMBIA
 VILLAGE OF HICKORY RIDGE
 SECTION 1 AREA 1
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 FOR: COLUMBIA BUILDER'S INC.
 606 American City Building
 Columbia, Maryland 21043
 SDP-77-48c**