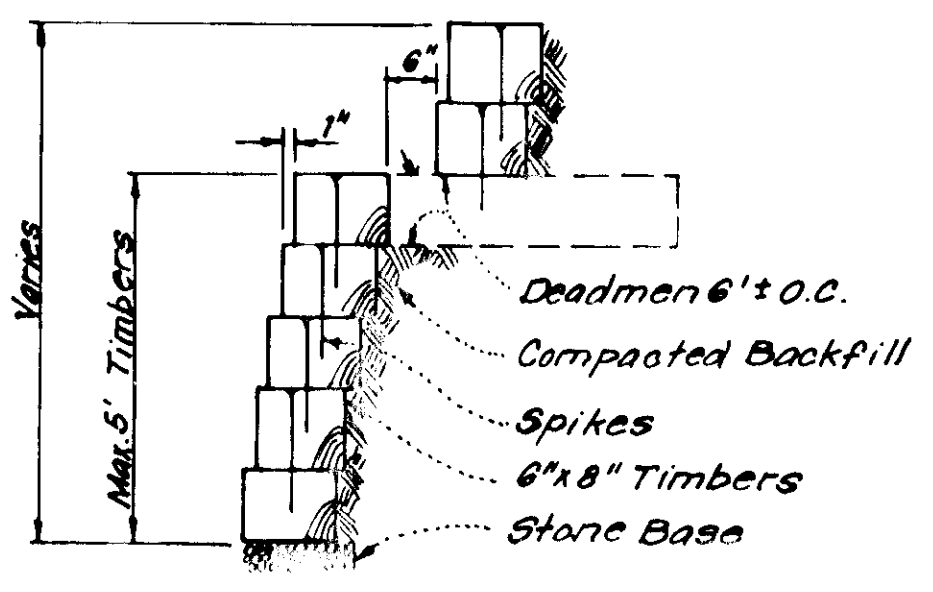
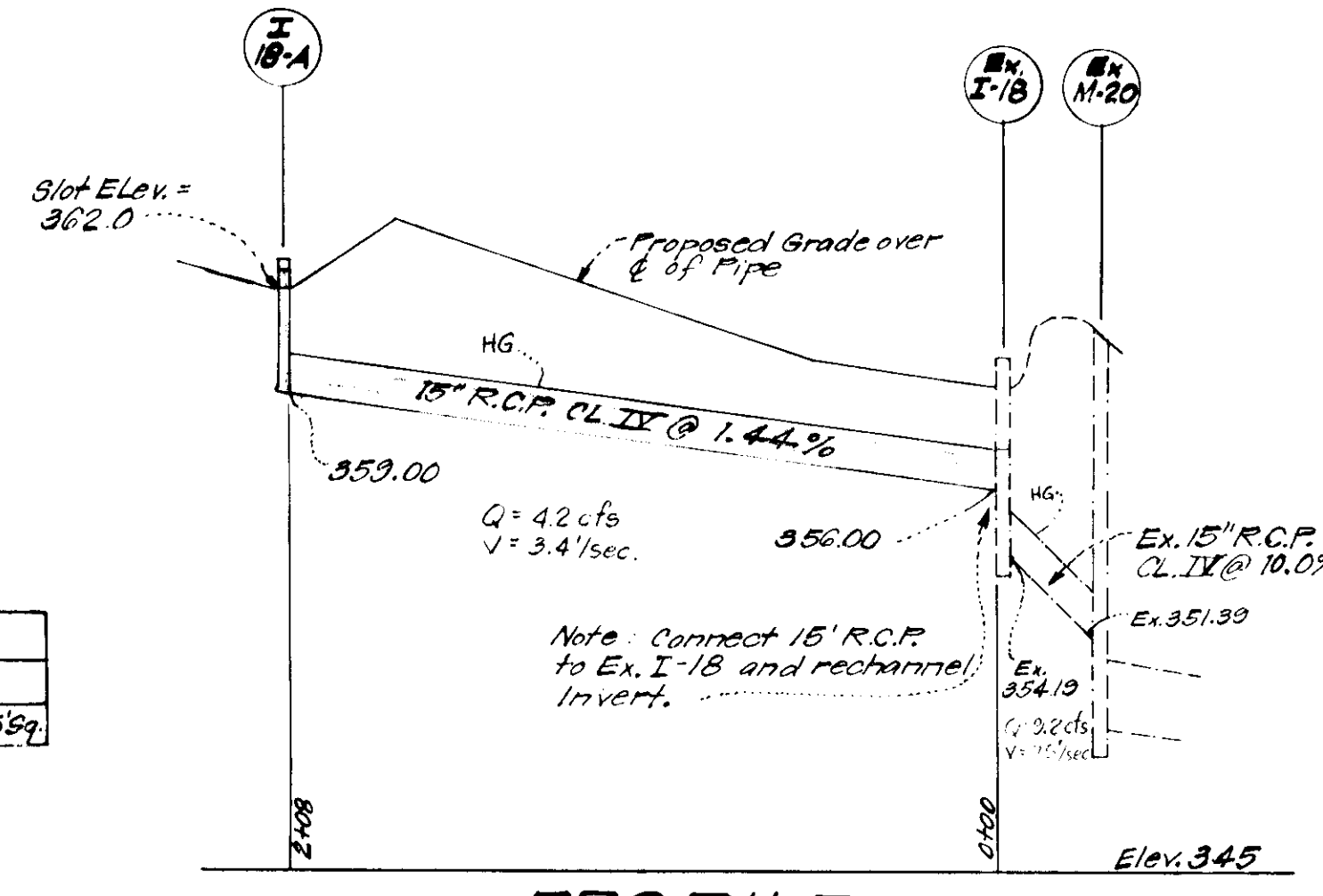


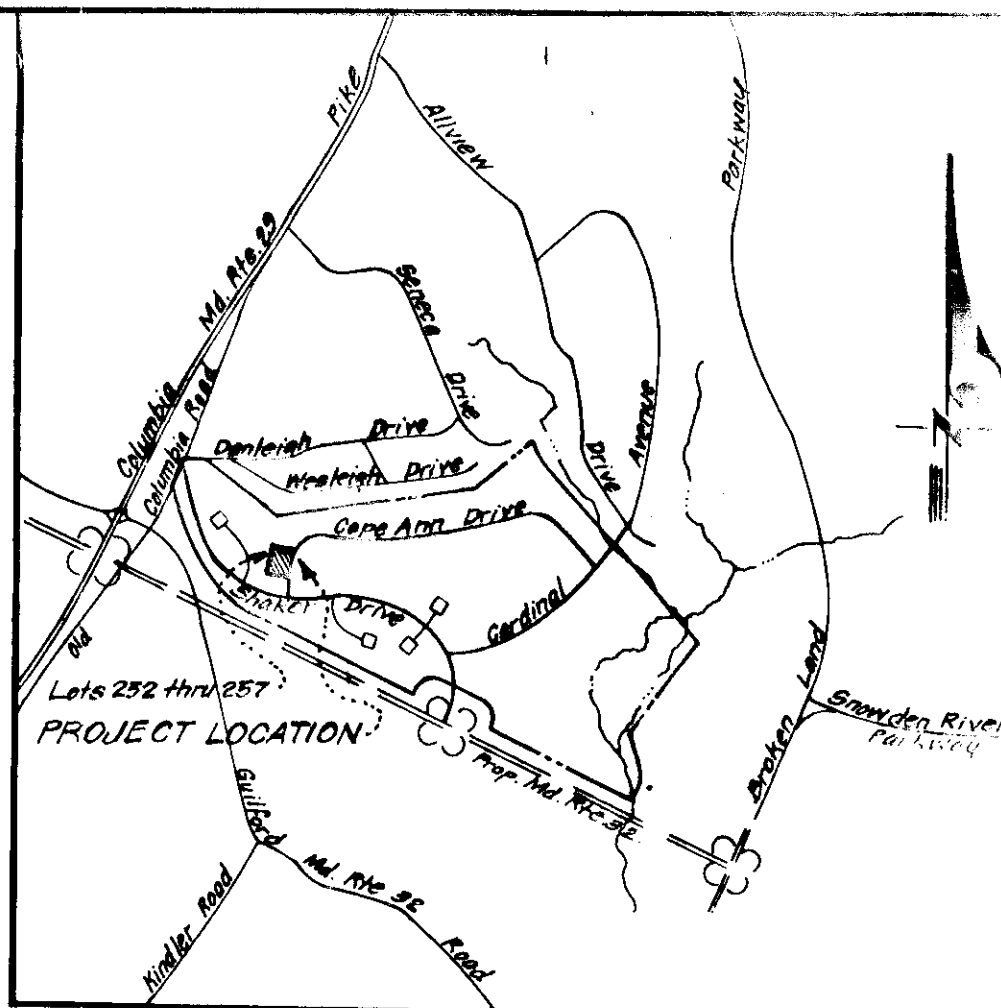
DRIVEWAY ENTRANCE DETAIL
No Scale



TIMBER RETAINING WALL
No Scale



PROFILE
Scale: Horiz. 1"=50' Vert. 1"=5'



VICINITY MAP
Scale: 1"=2000'

LEGEND

1. Contour Interval 2 Ft.
2. Existing Contour
3. Proposed Contour
4. Spot Elevation
5. Direction of Drainage
6. Existing Trees to be Retained
7. Yard Requirements: Front: 20 Ft. on 50' Wide Street
30 Ft. on 60' Wide Street
Side: 7.5 Ft. (Min.)
8. Timber Retaining Wall

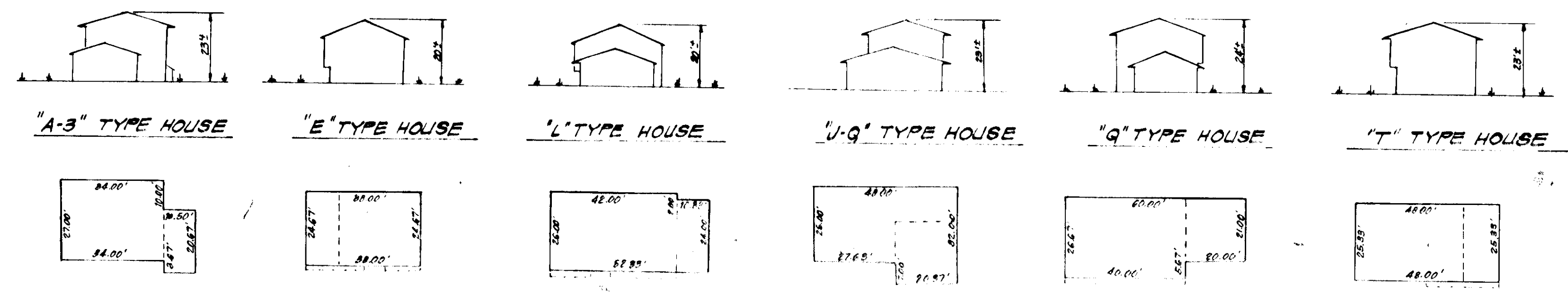
GENERAL NOTES

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 14-8 recorded in Plat Book 28, Folio's 70 to 79.
3. 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.
4. The Area covered in this submission is located on Tax Map # 42.
5. The Total Area included in this plan is 1.127 Acres.
6. Cape Ann Drive is Public and Existing.
7. Any damage to County Owned Right of Ways or Paving shall be corrected at the developer's expense.
8. Paving and Storm Drainage Construction shall be in accordance with Howard Co. Road Construction Code.
9. The Ingress and Egress and Maintenance Documents for Common Open Area Lot 319 were recorded in Liber 816 at Folio 684.

STRUCTURE SCHEDULE			
No	Type	Top Elevation	Remarks
1-IRA	6M Class C Int'l	362.83	See C.F.S. Plan, Howard Co. 8M Dwg # 64-C, 1589

APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
3-22-77



TYPICAL HOUSES
No. 10/11

NOTE: For bearings and distances of individual lot lines, See record plat recorded as Plat 3577.

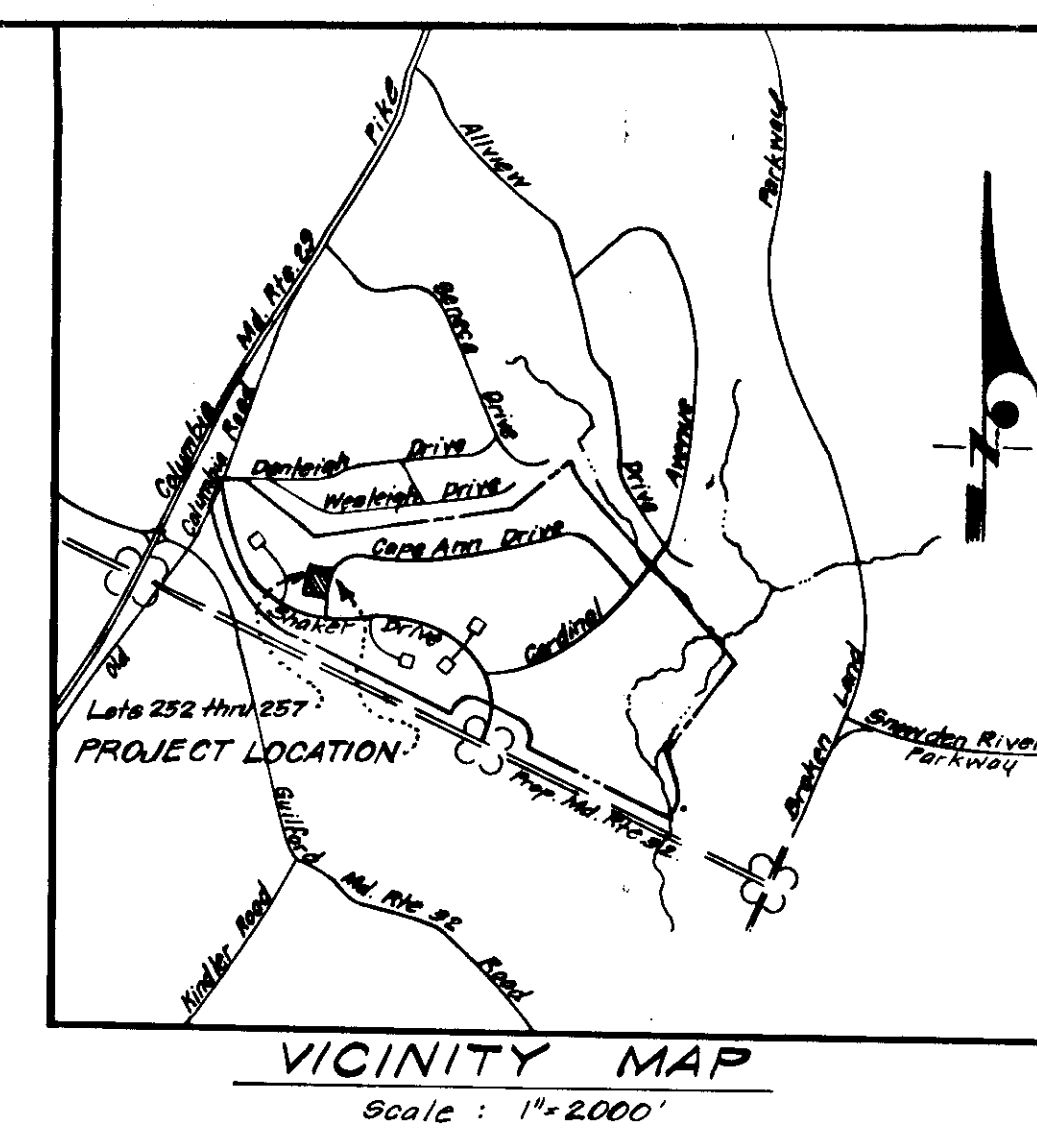
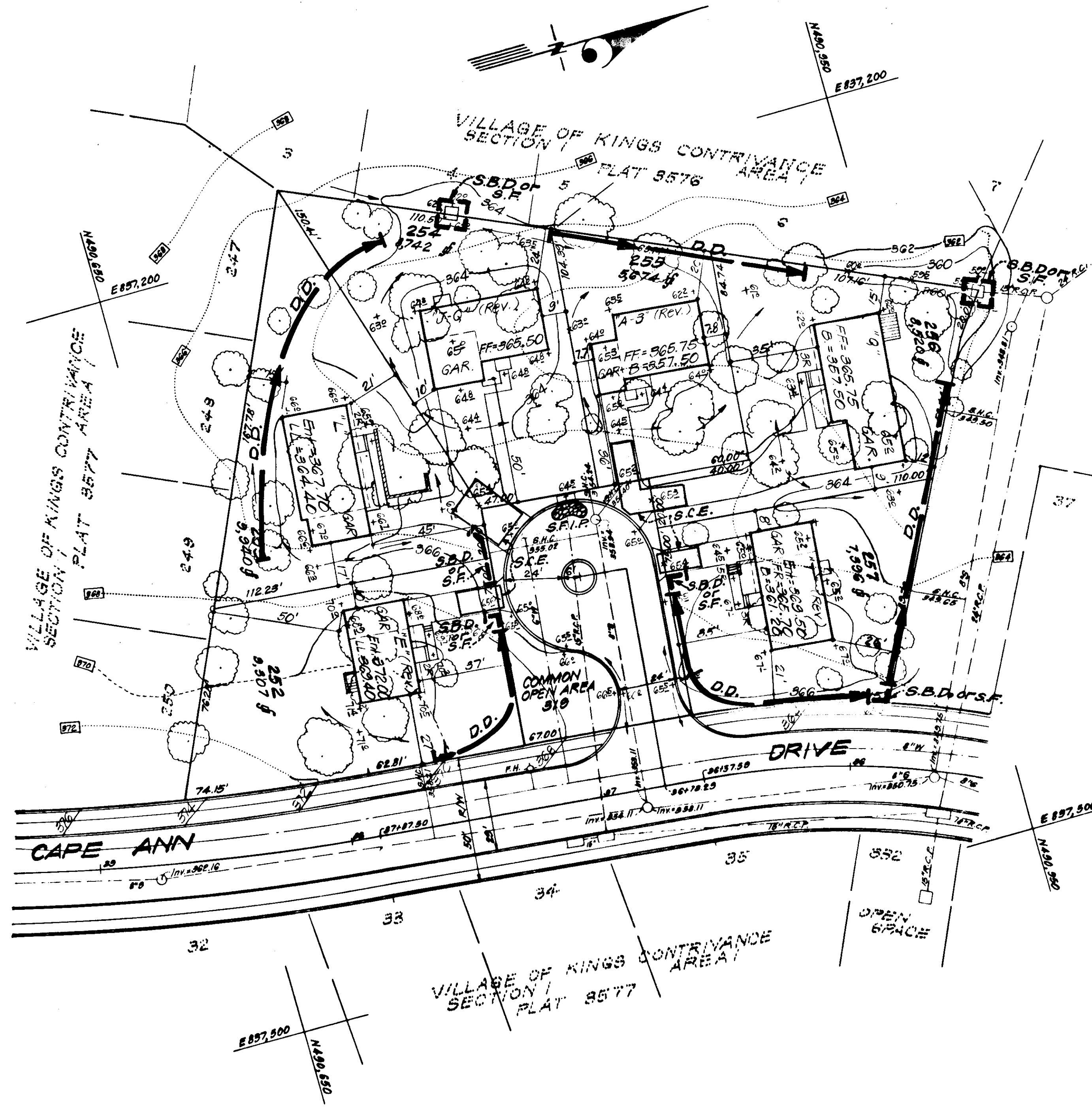
CLARK • FINEBROOK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

3111 WOODBINE DRIVE
BETHESDA, MARYLAND 20814

PROJECT: VILLAGE OF KINGS CONTRIVANCE
DATE: 4-19-77

SDP-77-61G

Approved for Public Use
4-19-77



LEGEND

- 1. Contour Interval 2 Ft.
- 2. Existing Contour 362
- 3. Proposed Contour 362
- 4. Spot Elevation +628
- 5. Direction of Drainage
- 6. Existing Trees to be Retained
- 7. Yard Requirements: Front: 20 Ft. on 50' Wide Street
30 Ft. on 60' Wide Street
Side: 7.5 Ft. (Min.)
- 8. Timber Retaining Wall
- 9. Diversion Dike D.D.
- 10. Straw Bale Dike or Silt Fence S.B.D. or S.F.
- 11. Stone Inlet Filter Protection S.F.I.P.
- 12. Stone Construction Entrance S.C.E.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 3-22-77

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER 4-19-77
 PLANNING DIRECTOR 4-20-77
 DIRECTOR 4-18-77
 COUNTY ENGINEER 4-18-77

Reviewed for... HOWARD... S.C.D.
 Name
 and meets Technical Requirements
 Signature Date 4-13-77
 U.S. Soil Conservation Service

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

John D. Mayo Approved 4-13-77 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.

J. David Stahl Signature 2/23/77 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 knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

G. Nelson Clark 2-18-77 Date



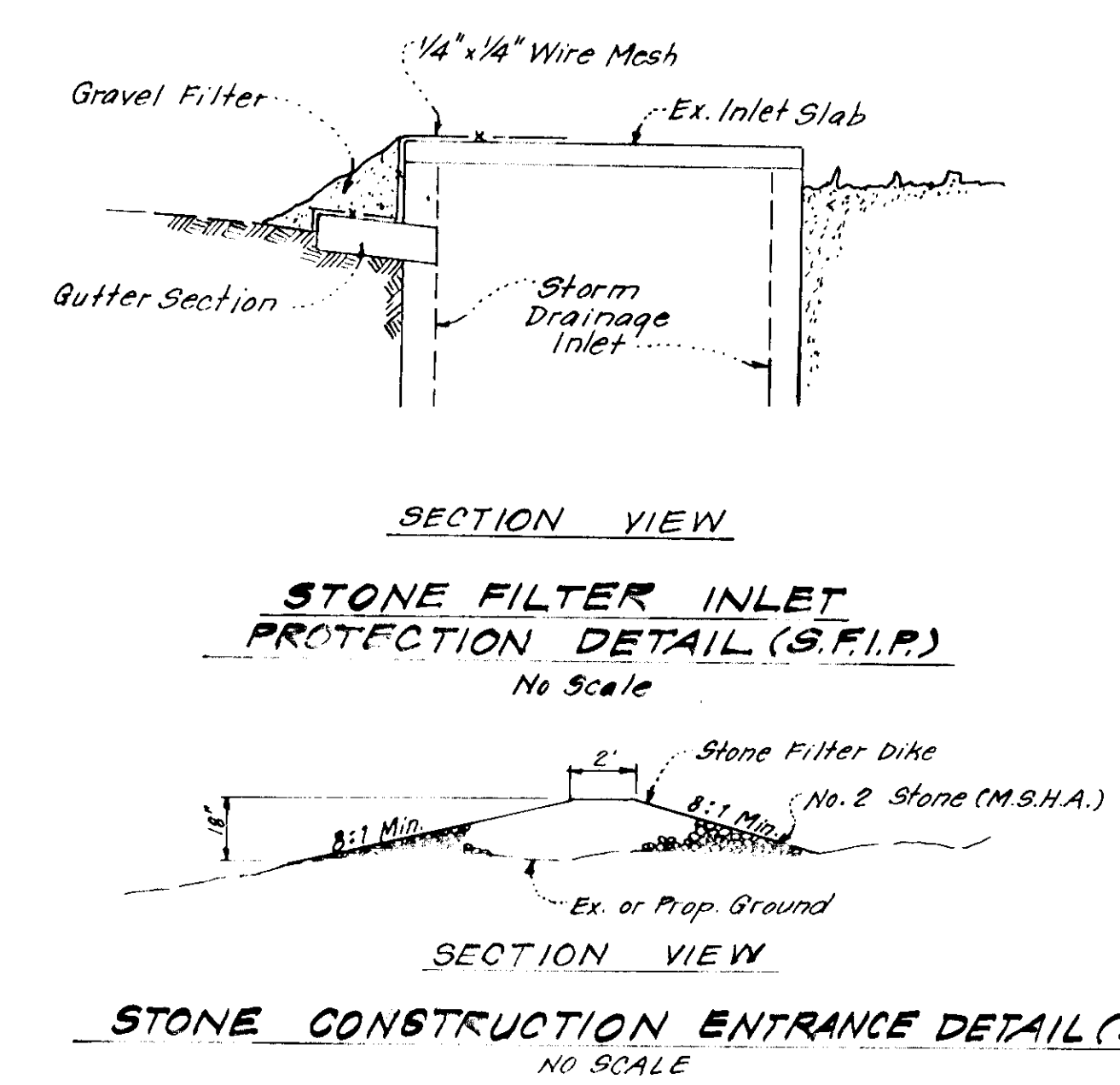
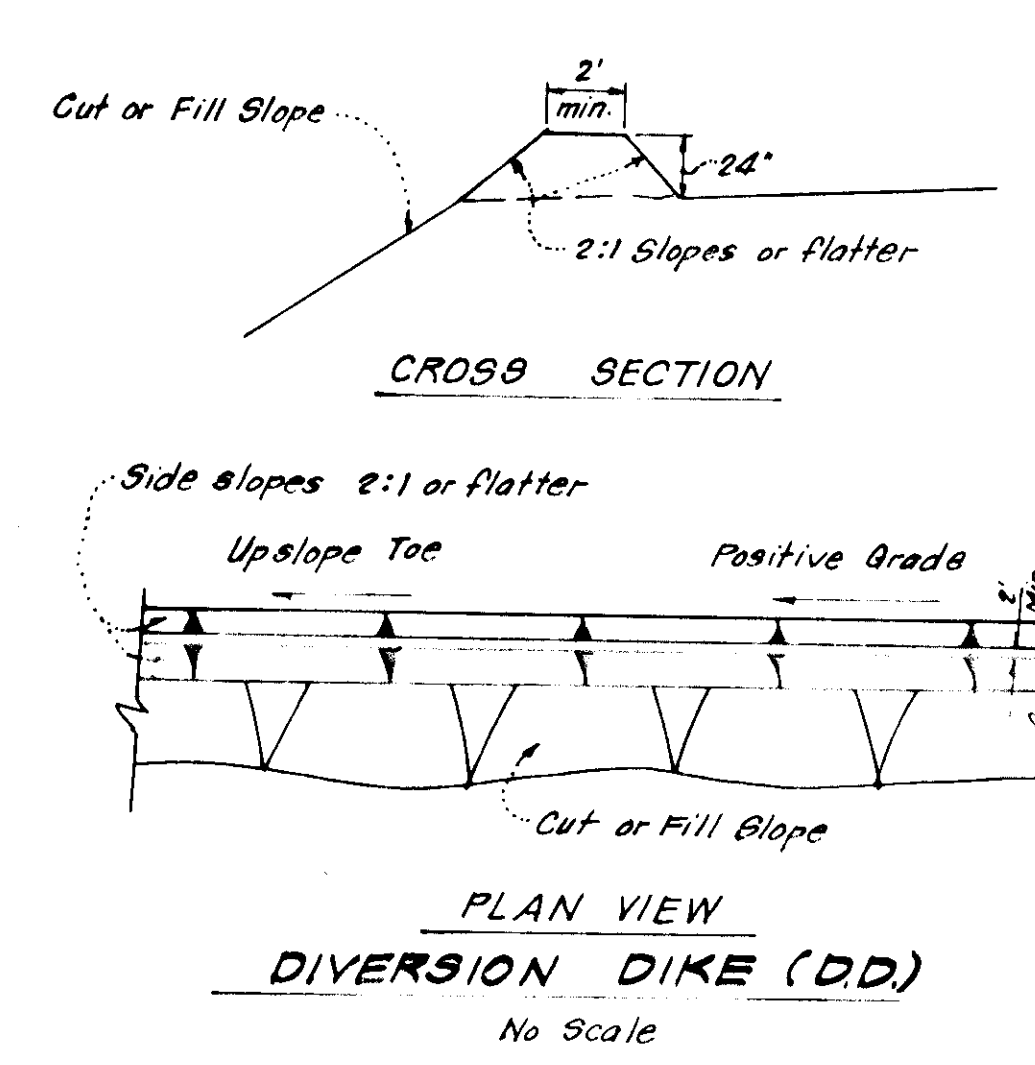
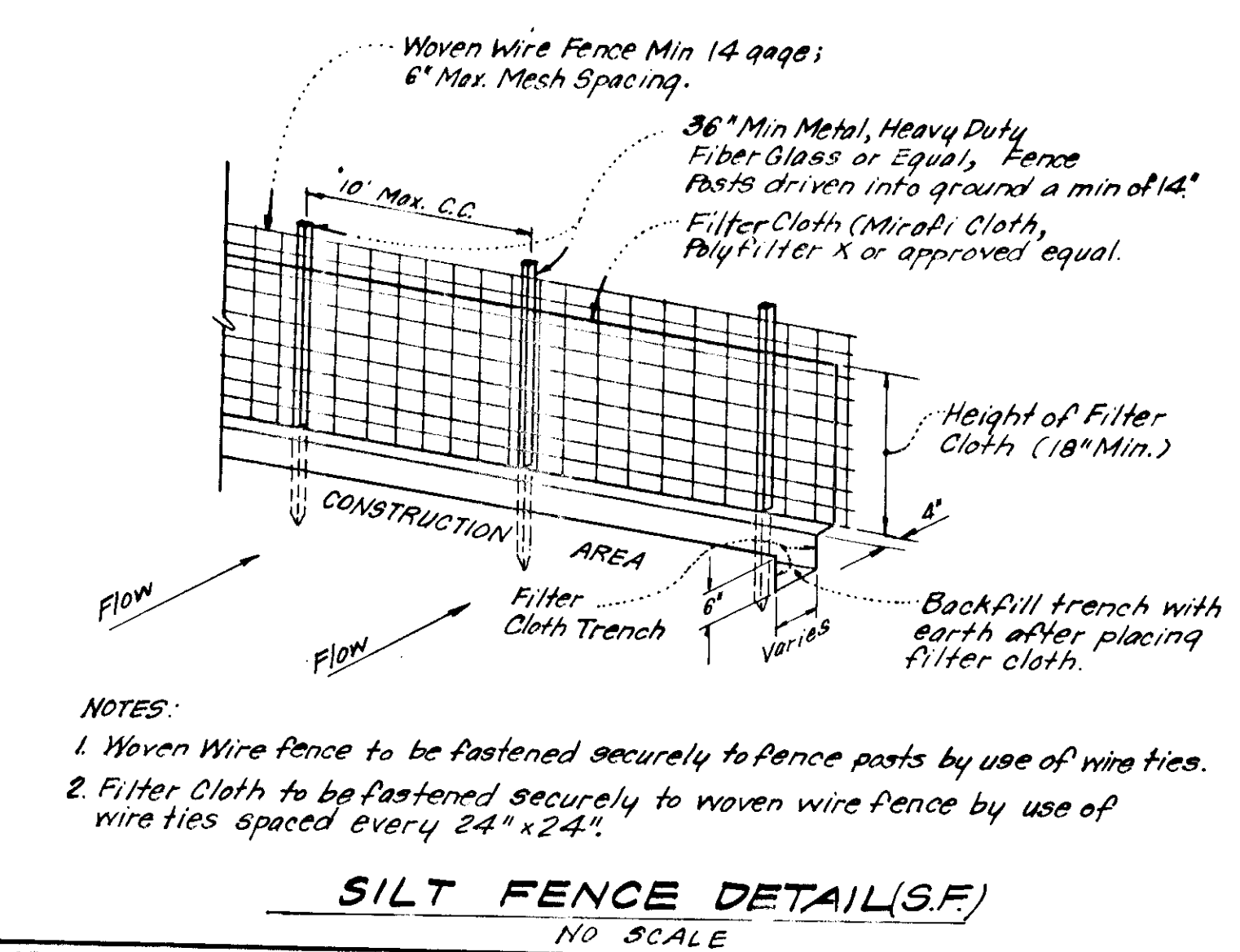
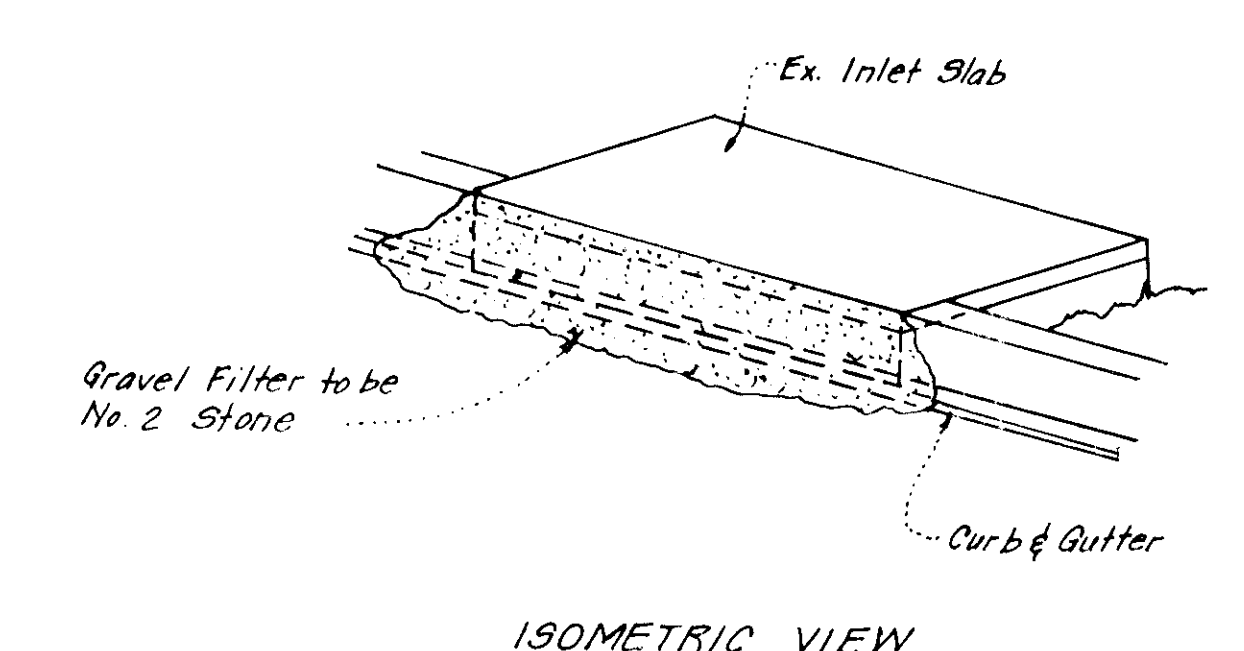
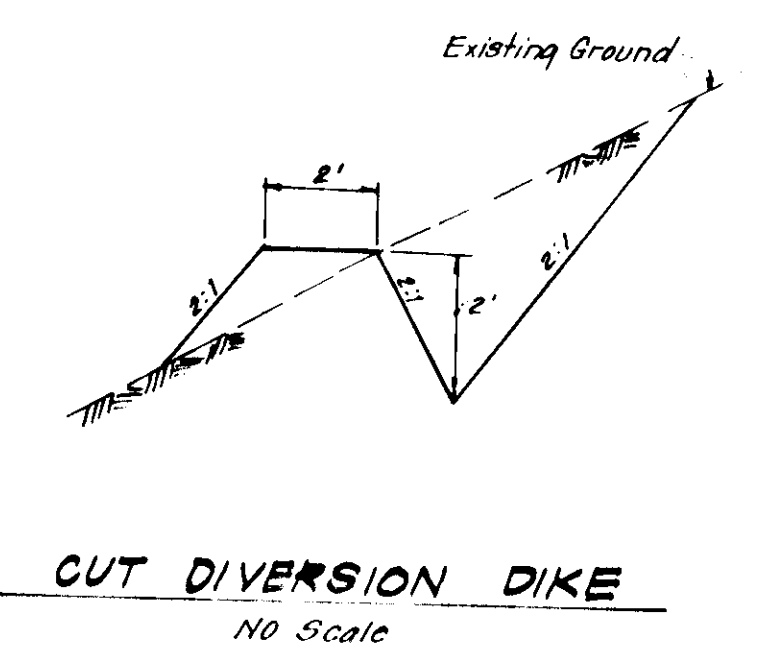
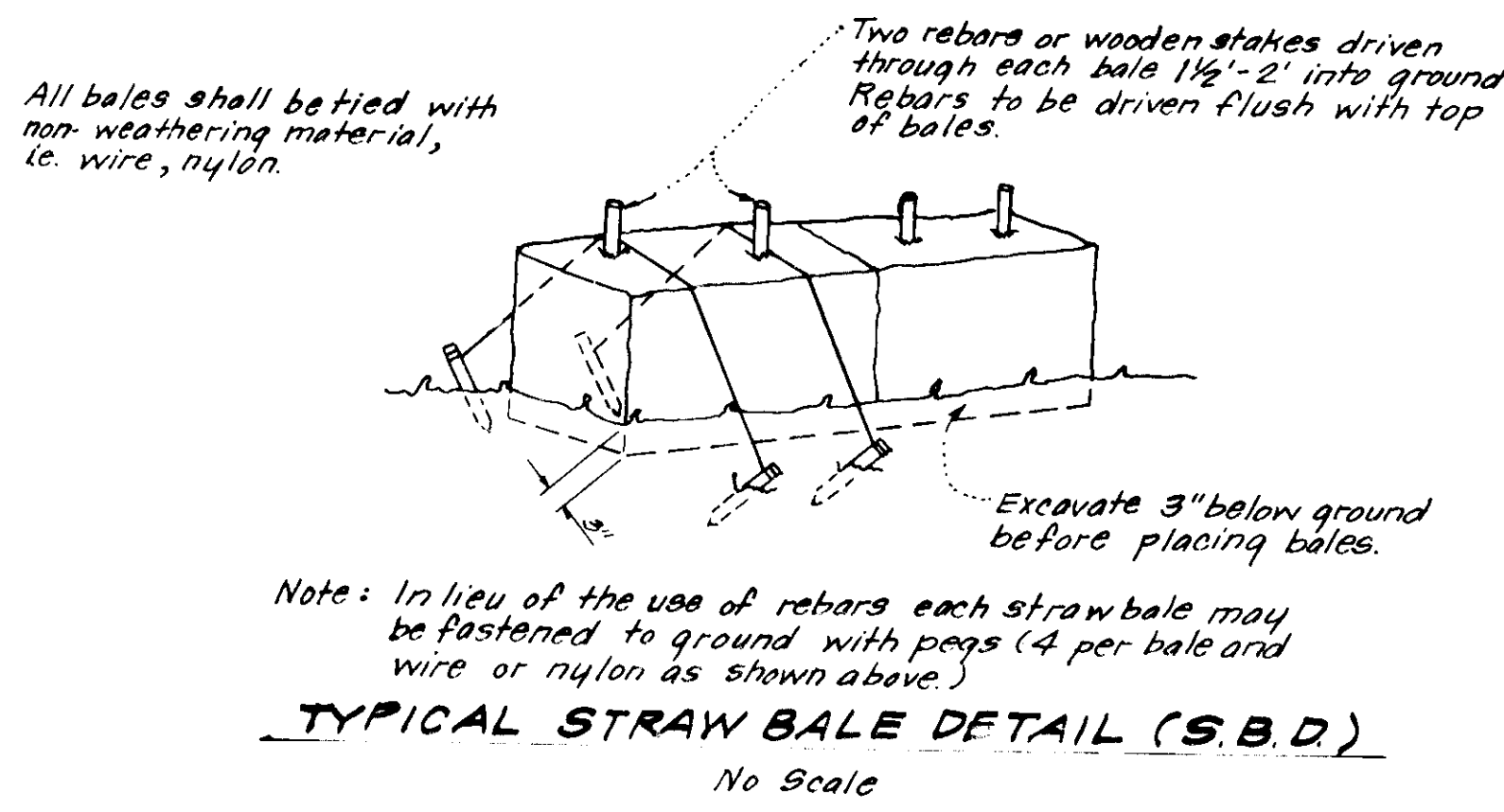
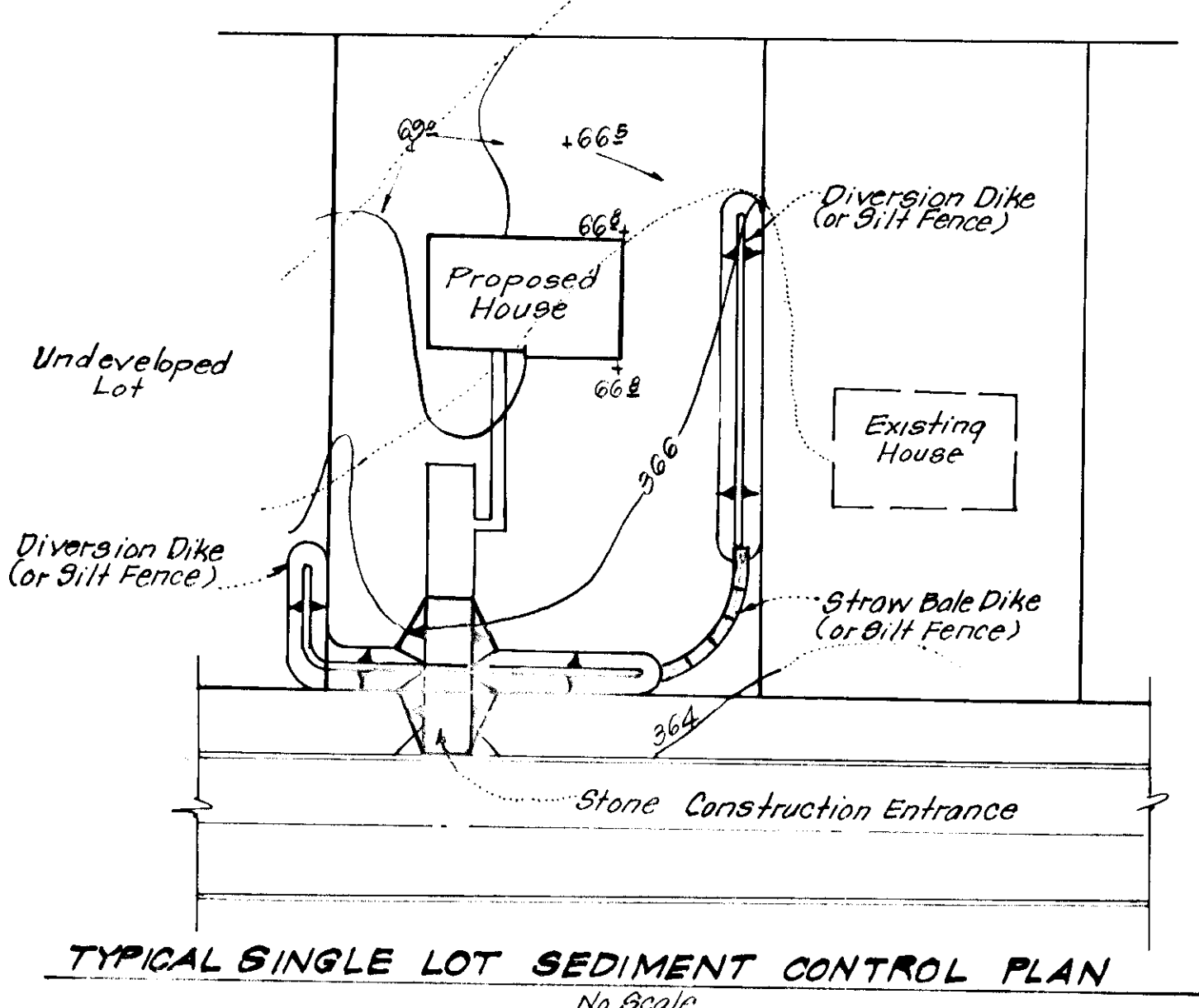
CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400

DESIGNED D.B.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 252 THRU 257 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 1 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN K.I.W.		DRAWING 2 of 3
CHECKED G.N.C.		JOB NO.
DATE Feb., 1977	For: WASHINGTON HOMES INC. Langreath Village Center, 8775 Cloudtop Ct. Columbia, Maryland 21048	FILE NO. 1220-SE

SDP-77-61c See Also HG-206 1939-A

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 Inspection and Permits at least 24 hrs starting and 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% Chewung 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 48 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 Bureau of Inspections and Permits.
- On site inspection and maintenance of all sediment control measures including cleanout 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 runoff device, i.e. straw bales, diversion dikes, etc.
- Site Analysis:
 - Total Area: 1.127 Acres
 - Area to be Roofed: 0.168 Acres
 - Area to be Paved: 0.093 Acres
 - Area to be Seeded: 0.155 Acres
 - Area Undisturbed: 0.711 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.
- 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 = 150 L.F.



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".

DEVELOPER'S CERTIFICATE
I certify that all development and construction will be done in accordance with the plan of development and plan for Erosion and Sediment Control, and I also authorize persons acting on my behalf by the Howard Soil Conservation District or such authorized agents as are deemed necessary. Provided that this plan will not be made unless authorized by the Howard Soil Conservation District.

ENGINEER'S CERTIFICATE
I hereby certify that this plan for Erosion and Sediment Control represents a real 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.

Reviewed for **HOWARD** S.C.D.
Name
and meets Technical Requirements
Eric V. Harmon 4/13/77
Signature Date
U.S. Soil Conservation Service

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

John S. Helgeson 4-13-77
Approved Date

J. David Stelle 2/23/77
Signature Date

G. Nelson Clark 2-18-77
Signature Date



APPROVED
DIVISION OF LAND DEVELOPMENT
DATE **3-22-77**

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
4-19-77
APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING.
APPROVED FOR HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11215 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED BY D.B.S.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOTS 252 THRU 257 COLUMBIA VILLAGE OF KINGS CONTRIVANCE SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE As Shown
DRAWN BY K.I.W.		3 of 3
CHECKED BY G.N.C.	FOR: WASHINGTON HOMES, INC. Longreach Village Center, 8775 Cloudleap Ct. Columbia, Maryland 21045	DATE Feb. 1977

SDP-77-61c See Also HC-30C 1230-X