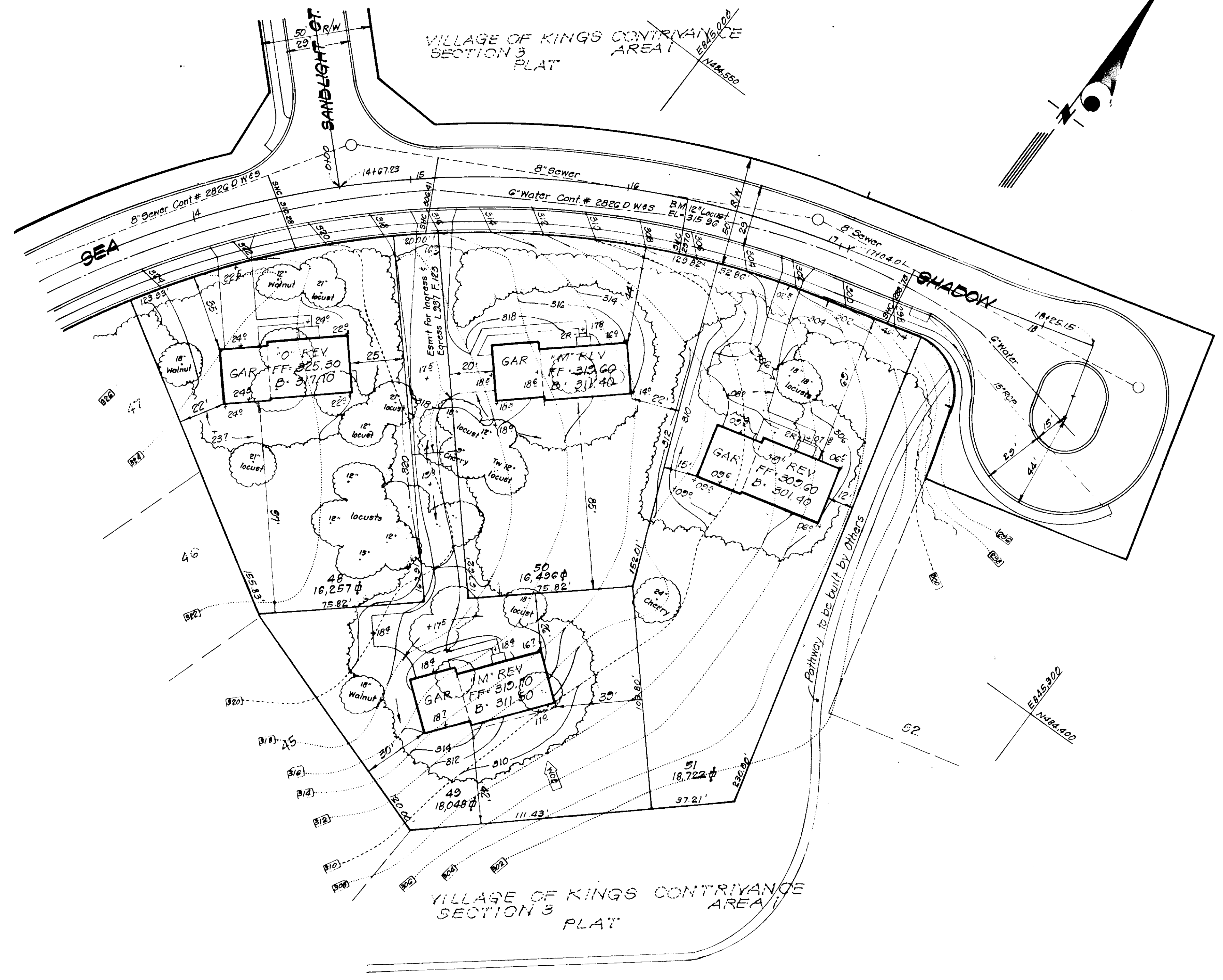


VICINITY MAP
Scale: 1"=2000'

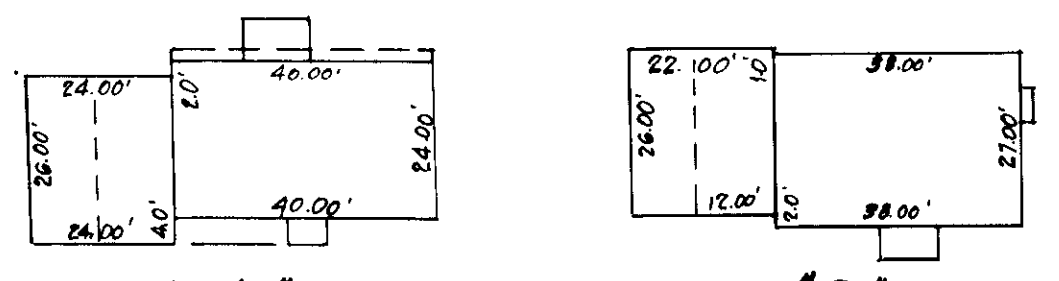
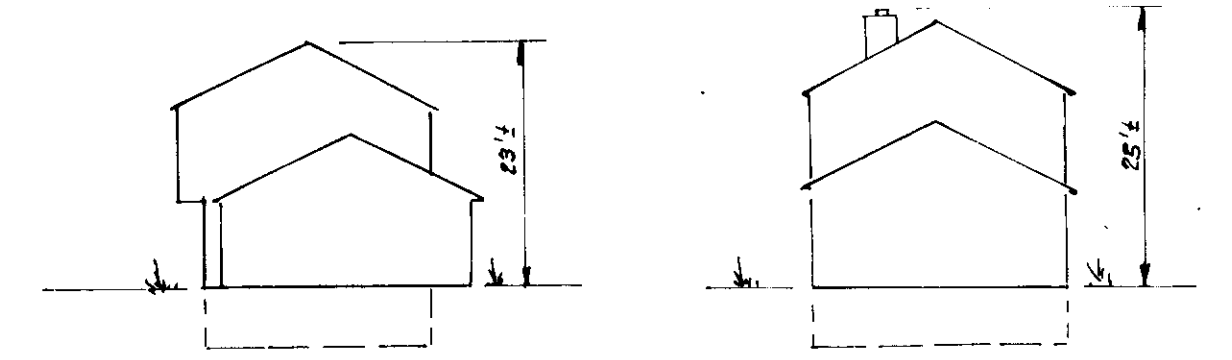


GENERAL NOTES:

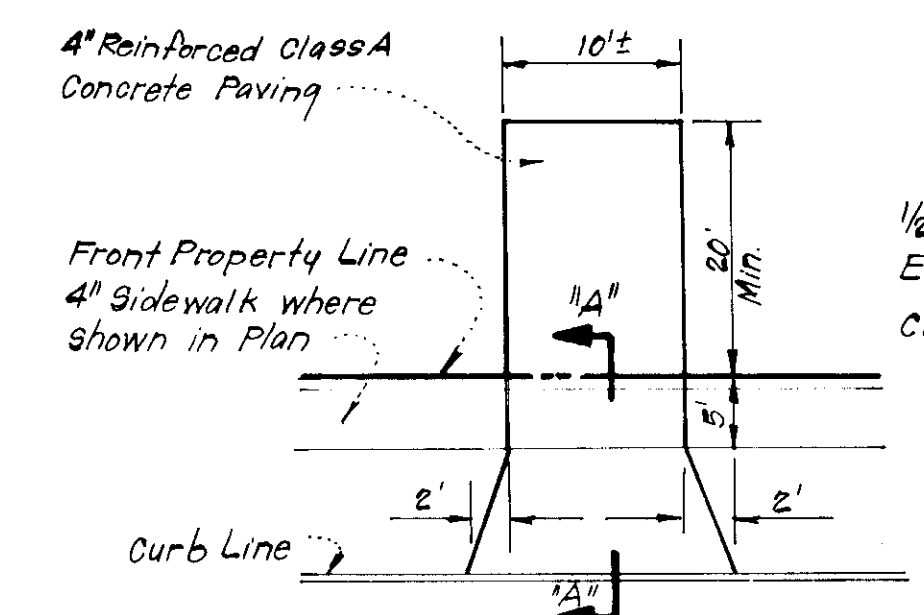
1. The Land included in this plan is zoned New Town (S.F.M.D.)
2. The Lots shown on this plan are covered by Final Development Plan Phase 163 recorded in Plat 3054A Folios 126-140.
3. All coordinates are based on traverse controls for Columbia established by Mape, Inc., in 1965 by Pyramid & Jeschke in 1968 which controls were tied to Maryland Bureau of Control Surveys monuments and to U.S. Coast & Geodetic Survey monuments in the Columbia area.
4. The area covered in this submission is located on Tax Map #42
5. The total area included in this plan is 1.536 Acres.
6. All road ways are public & existing.
7. Any damage to county owned rights of way or paving shall be corrected at the developer's expense.

LEGEND:

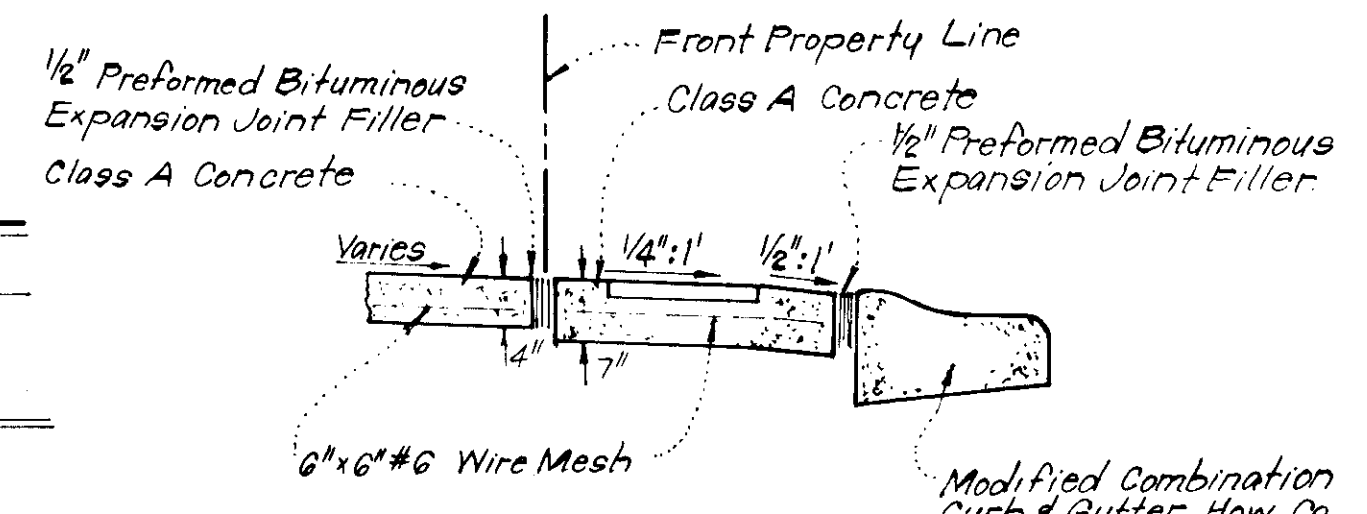
1. Contour Interval 2 FT
2. Existing Contour 3/10
3. Proposed Contour 3/10
4. Spot Elevation +105
5. Direction of Drainage
6. Exist Trees to be Retained



TYPICAL HOUSES
NO SCALE



Note: Use Residential Driveway Entrance, Howard Co. Std. Dwg. D-34, pg. 89 except where driveway abuts Modified Comb. Curb & Gutter.



Note: Materials and Construction shall be in accordance with How. Co. Road Construction Code.

DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER
No Scale

NOTE: For Bearings & Distances for Individual Lots See Plat No 4232

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER: [Signature] DATE: 5-22-79

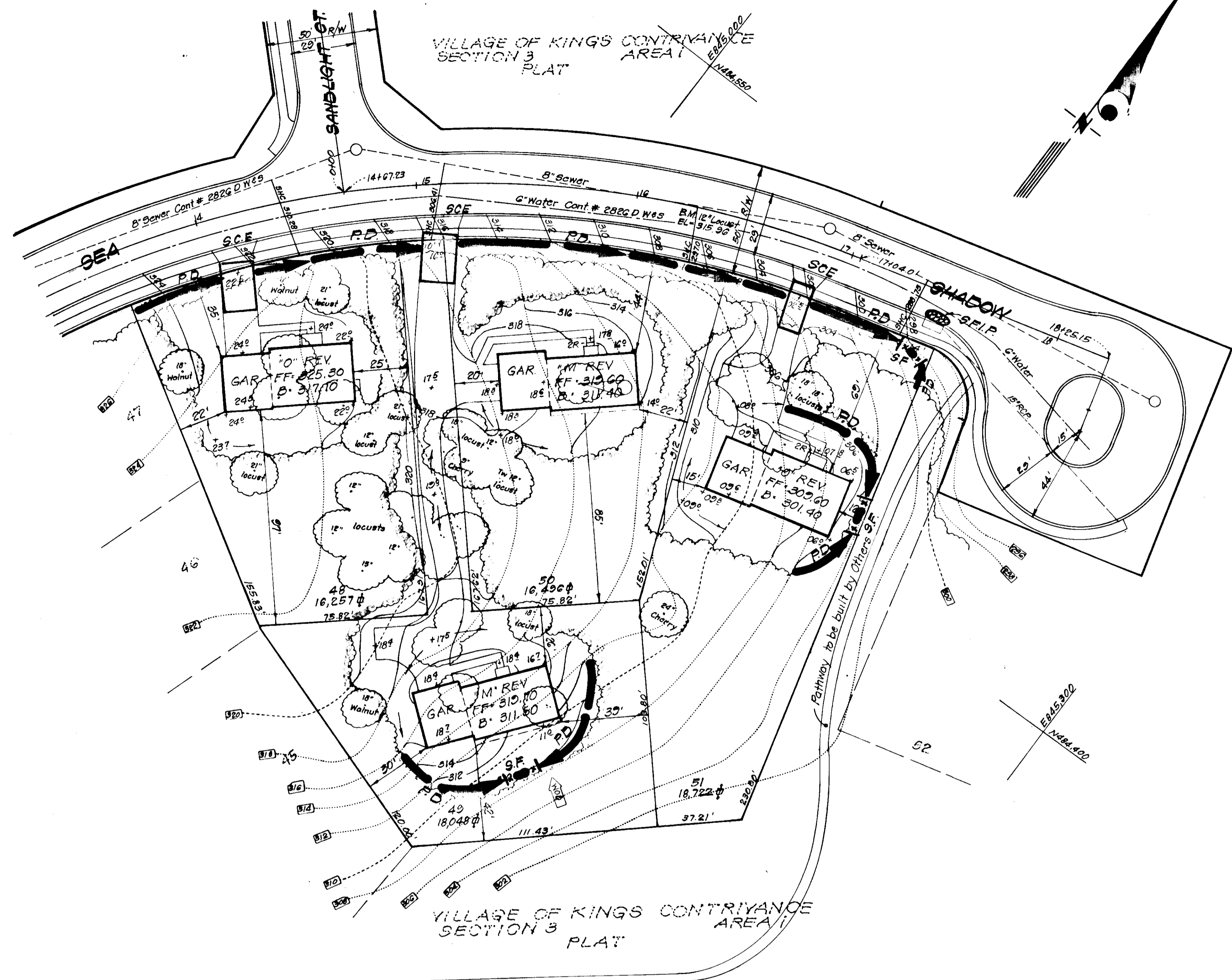
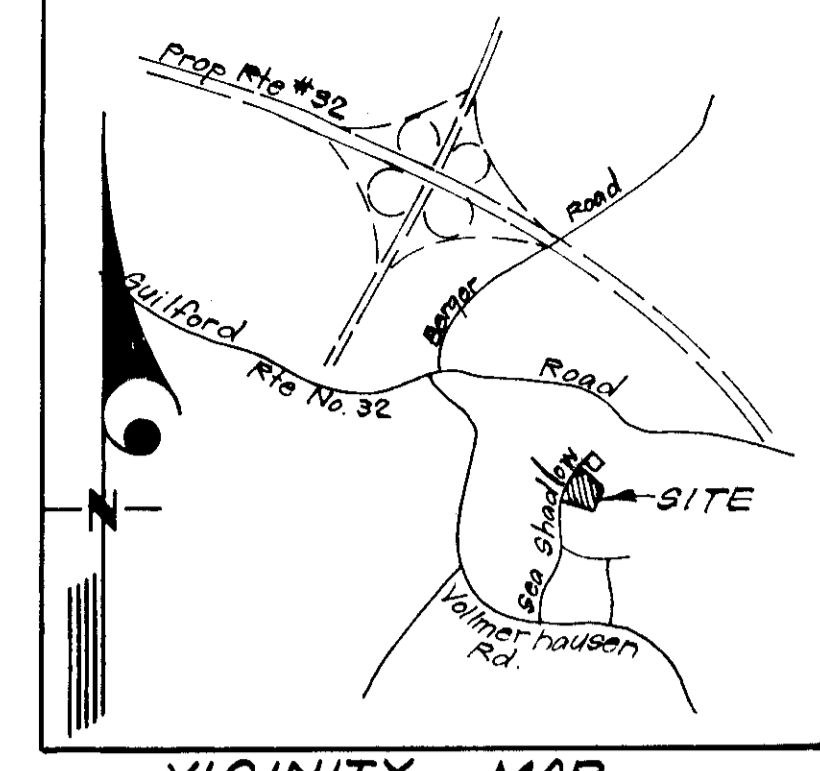
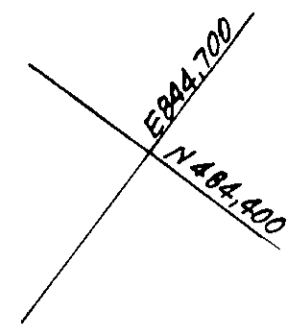
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR: [Signature] DATE: 5-24-79
CHIEF DIVISION OF LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR: [Signature] DATE: 5-21-79
CHIEF BUREAU OF ENGINEERING

APPROVED
DIVISION OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DATE: 4-16-79



CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593 3400		
DESIGNED	JME	SITE DEVELOPMENT PLAN LOTS 48 THRU 51 COLUMBIA
DRAWN	JME	
CHECKED	JME	VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DATE	Feb, 1978	FOR: QUINCY DEVELOPMENT 5051 Whitestone Road Columbia, Maryland 21043
SCALE	1/4"=30'	JOB NO.
DRAWING	1 of 3	FILE NO.
		79-007
		79-007-X



- LEGEND:**
- 1. Contour Interval --- 2 FT. ---
 - 2. Existing Contour --- 10' ---
 - 3. Proposed Contour --- 10' ---
 - 4. Spot Elevation +105
 - 5. Direction of Drainage →
 - 6. Exist Trees to be Retained (circle with 'X')
 - 7. Perimeter Dike (thick line with arrows)
 - 8. Silt Fence (line with 'S.F.') →
 - 9. Stone Filter Inlet Protection (line with 'S.F.I.P.') →
 - 10. Stone Construction Entrance (line with 'S.C.E.') →

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 4-16-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER: *James G. ...* DATE: 5-26-79

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: *Thomas ...* DATE: 5-24-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: *F. Nemmer* DATE: 5-21-79

CHIEF BUREAU OF ENGINEERING: *...* DATE: 5-18-79

Reviewed for *Howard* S.C.D.
 Name
 and meets Technical Requirements
C. Wayne Roy 5/15/79
 Signature Date
 U.S. Soil Conservation Service

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

West ... Approved DATE: 5-8-79

DEVELOPER'S CERTIFICATE
 I certify that all development and/or construction
 is done according to this plan of development
 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.

Logan ... DATE: 3-14-79
 Signature Date
 Logan ...

ENGINEER'S CERTIFICATE
 I hereby certify that this plan for Erosion and
 Sediment Control represents a practical and workable
 plan based on my own professional knowledge of the site
 conditions and that it was prepared in accordance
 with the requirements of the Howard Soil Conserva-
 tion District.

G. Nelson Clark DATE: 3-14-79
 Signature Date
 G. Nelson Clark



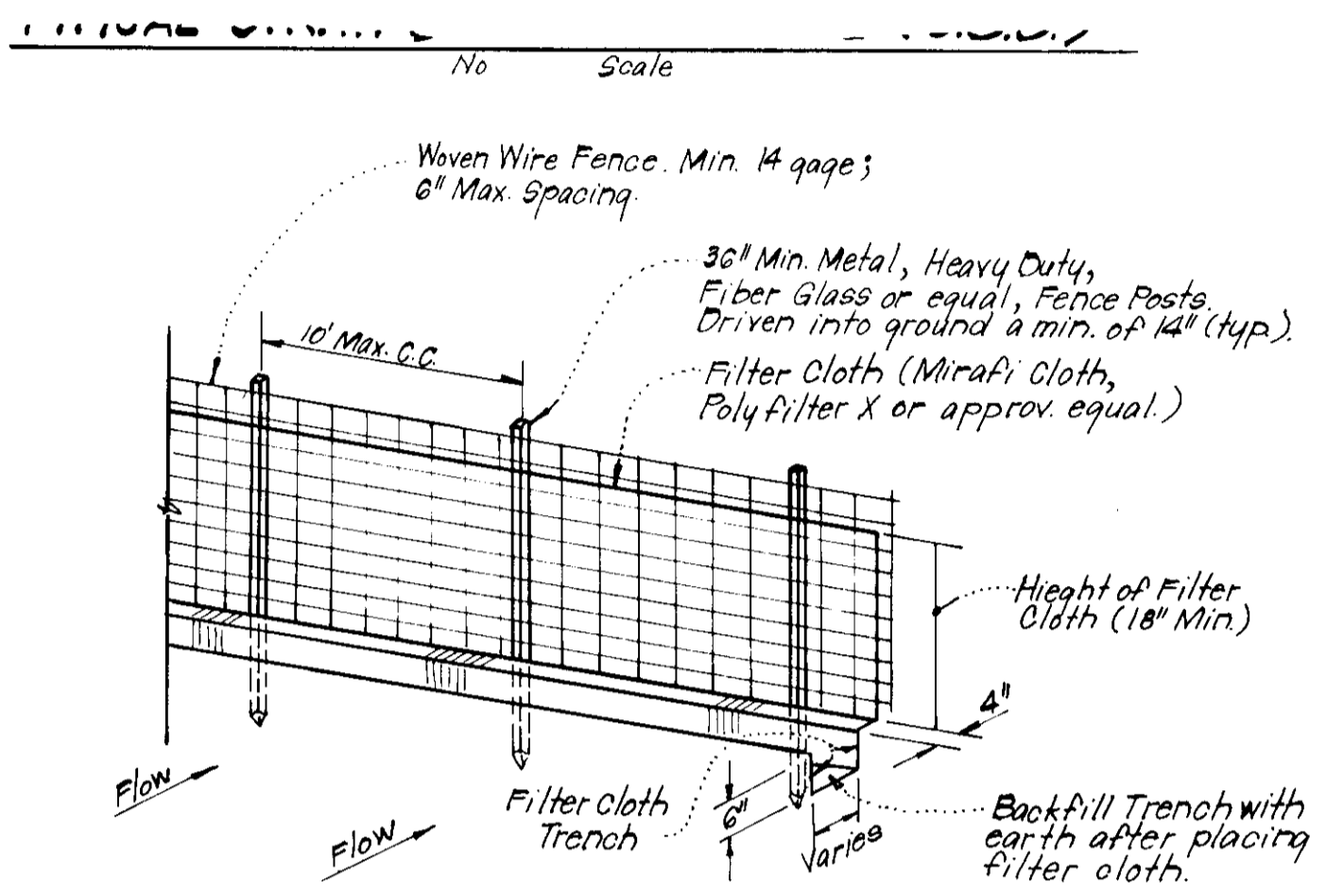
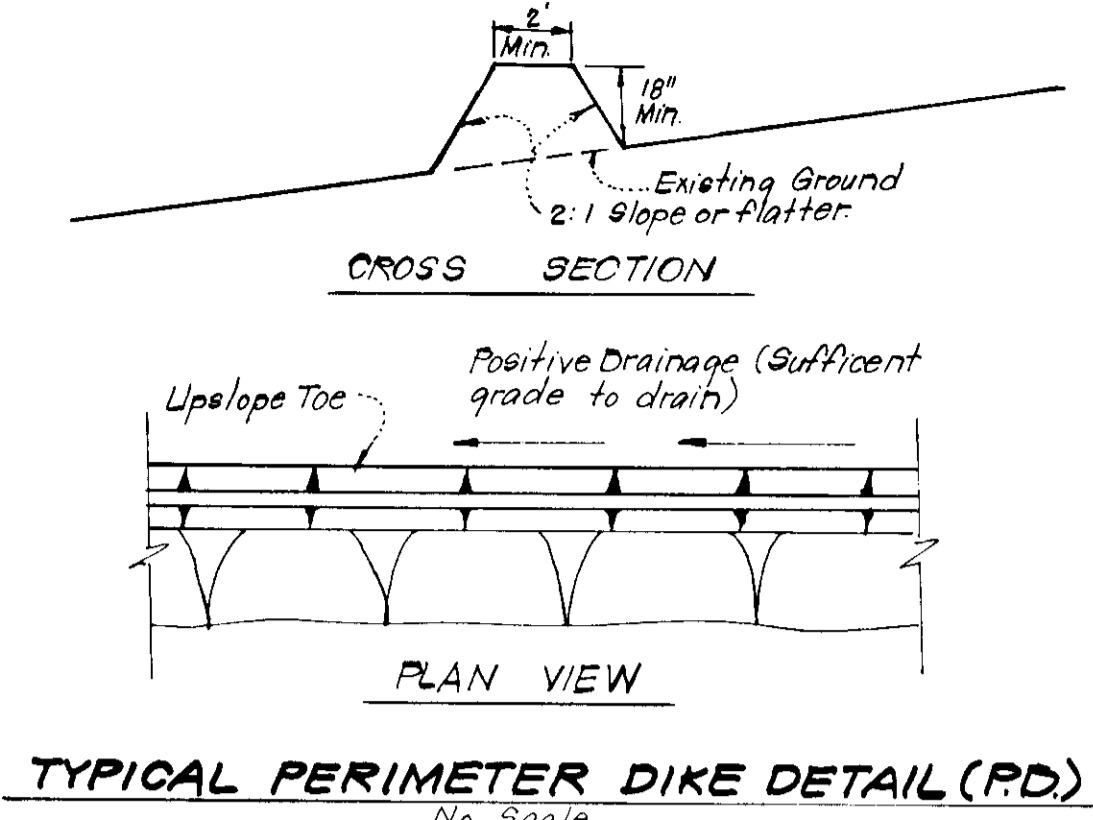
NOTE: For Bearings & Distances for Individual Lots See Plot No. 4232

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		SCALE 1"=30'
DESIGNED JLS	SEDIMENT & EROSION CONTROL PLAN LOTS 48 THRU 51 COLUMBIA	DRAWING 2 of 3
DRAWN		JOB NO. 79-007
CHECKED M.W.	VILLAGE OF KINGS CONTRIVANCE SECTION 3 AREA 1 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO. 79-007 SE
DATE Mar 1979		FOR: QUINCY DEVELOPMENT 5051 Whetstone Road Columbia, Maryland 21043

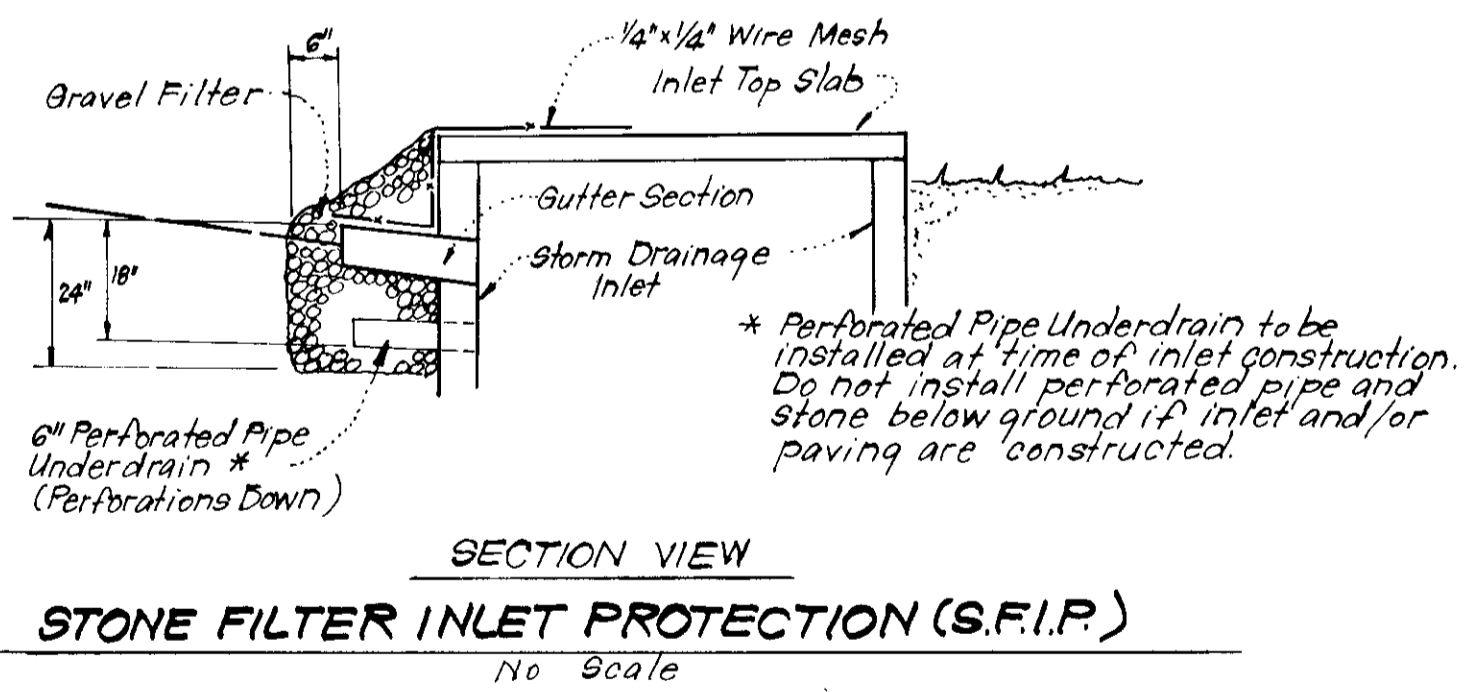
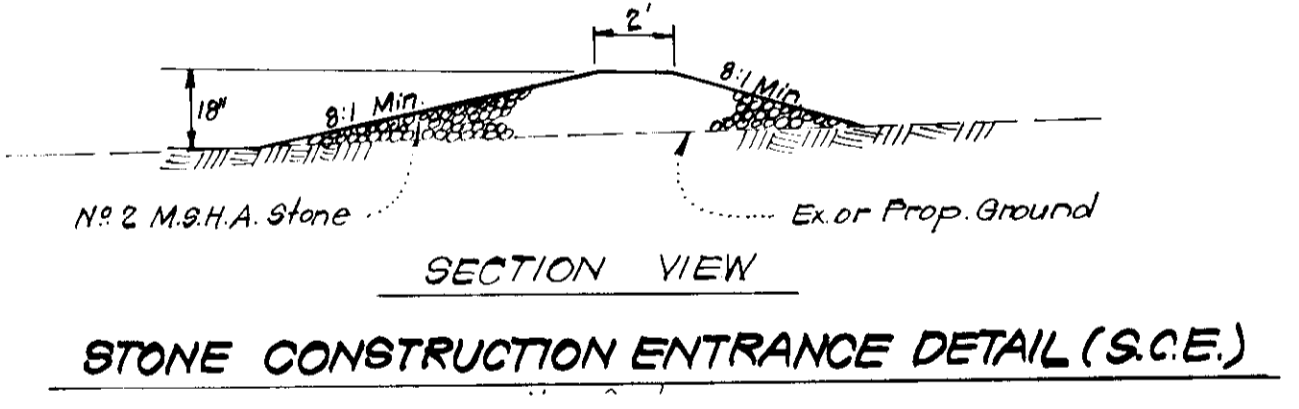
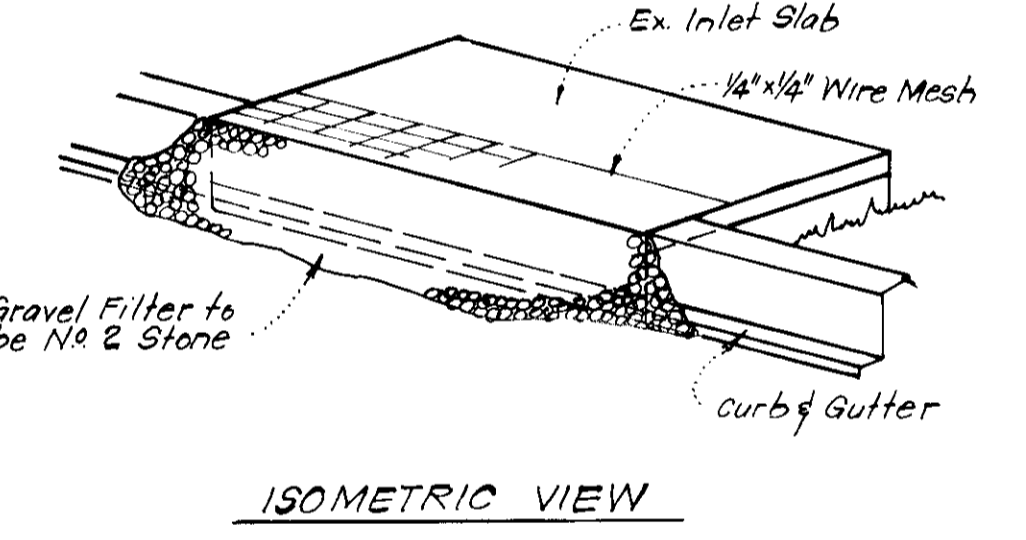
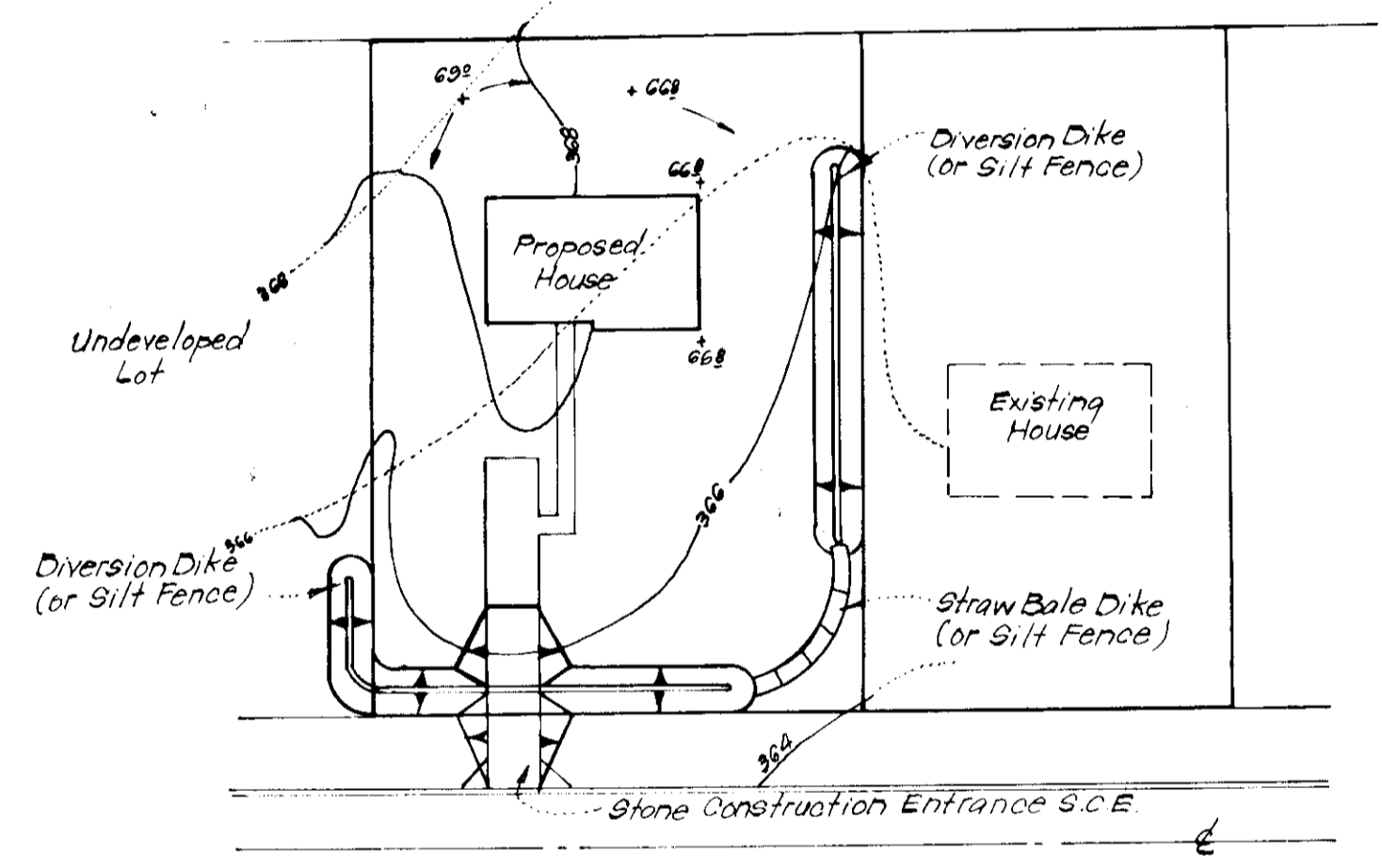
SDP-79-115

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 1.4 lbs/1000 sq.
- 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 grading shall be treated in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 9 lbs/1000 sq. 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 sq. Ground Agricultural Lime or Dolomitic Lime applied at a rate of 46 lbs/1000 sq.
 - Mulch - Weed free grain straw applied at a rate of 46 lbs/1000 sq. Mulch shall be secured to the ground by any approved method ie; 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 developers 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.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- 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.
- Total Amount of Silt Fence shown = 45 LF
- SITE ANALYSIS:**
 - Total Area: 1596 Acres
 - Area to be Roofed: 0.146 Acres
 - Area to be Paved: 0.139 Acres
 - Area to be Seeded: 0.492 Acres
 - Area Undisturbed: 0.819 Acres



- 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, by use of wire ties spaced every 24"x24"



- 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 #6.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 4-16-79

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
Joseph Brown 5-22-79
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
Walter F. Neumayr 5-21-79
DIRECTOR DATE

CHIEF BUREAU OF ENGINEERING DATE

Reviewed for Howard S.C.D. Name
and meets Technical Requirements
C. Wayne Ray 5/15/79 Signature Date
U.S. Soil Conservation Service

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

Wesley Approved 5-2-79 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.

Logan Jennings Signature 3-18-79 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 Conserva-
tion District.

W. Nelson Clark Signature 3-14-79 Date



CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11315 LICKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED	J.L.S.	SCALE	As Shown
DRAWN	J.L.S.	DRAWING	3 of 3
CHECKED	R.J.S.	JOB NO.	
DATE	Mar, 1979	FILE NO.	79-007-SE

SEDIMENT & EROSION CONTROL PLAN
LOTS 48 THRU 51
COLUMBIA
VILLAGE OF KINGS CONTRANCE
SECTION 3 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
FOR: QUINCY DEVELOPMENT
3051 Whetstone Rd.
Columbia, Maryland 21043
SDP-79-115c