

VICINITY MAP  
Scale: 1"=2000'

**LEGEND**

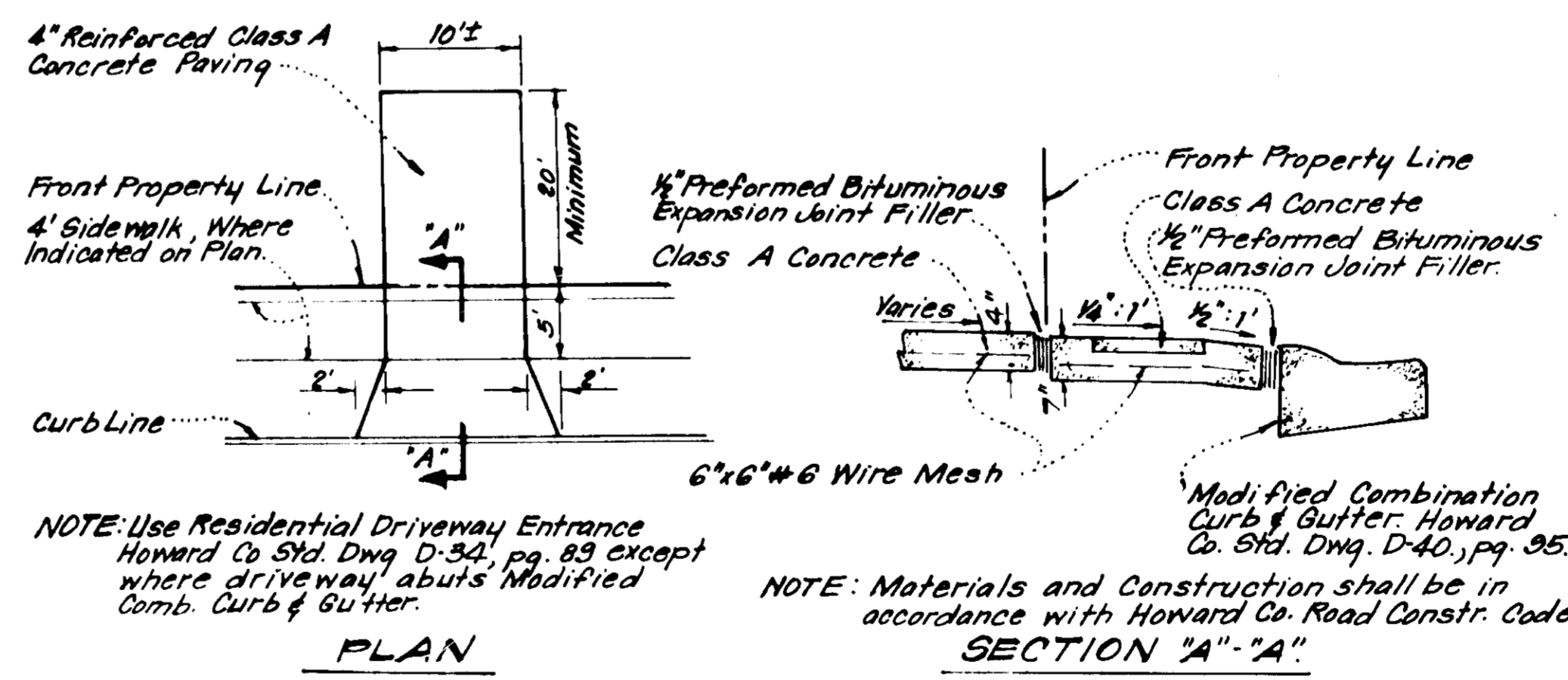
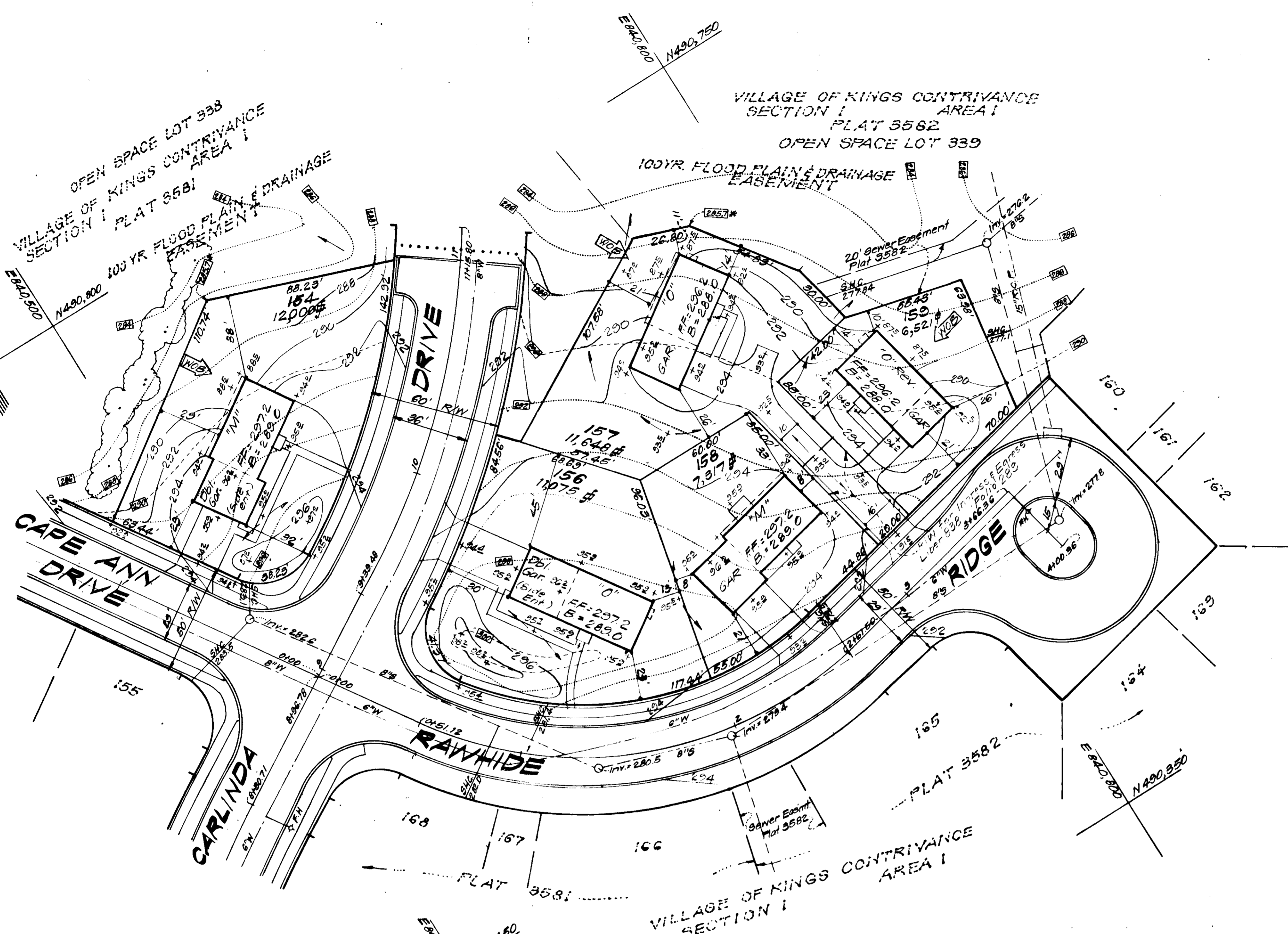
1. Contour Interval 2 Ft.
2. Existing Contour
3. Proposed Contour
4. Spot Elevation + 95E
5. Direction of Drainage
6. Yard Requirements: Front: 20' on 60' Wide Street  
30' on 60' Wide Street  
Back: 7.5' (Min.)
7. Existing Trees to be Retained
8. 100 Year Flood Plain Elevation

**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 148 recorded in P.B. 28, Folios 70 to 73.
3. All Coordinates are based on Maryland State Grid System. Elevations are based on U.S. Coast and Geodetic Survey Mean Sea Level of 1929.
4. The Area covered in this submission is located on Tax Map #42.
5. The Total Area included in this Plan is 1.115 Acres.
6. All Roadways are Public and Existing.
7. Any Damage to County Owned Right of Ways or Paving shall be corrected at the developer's Expense.

APPROVED  
7-26-77

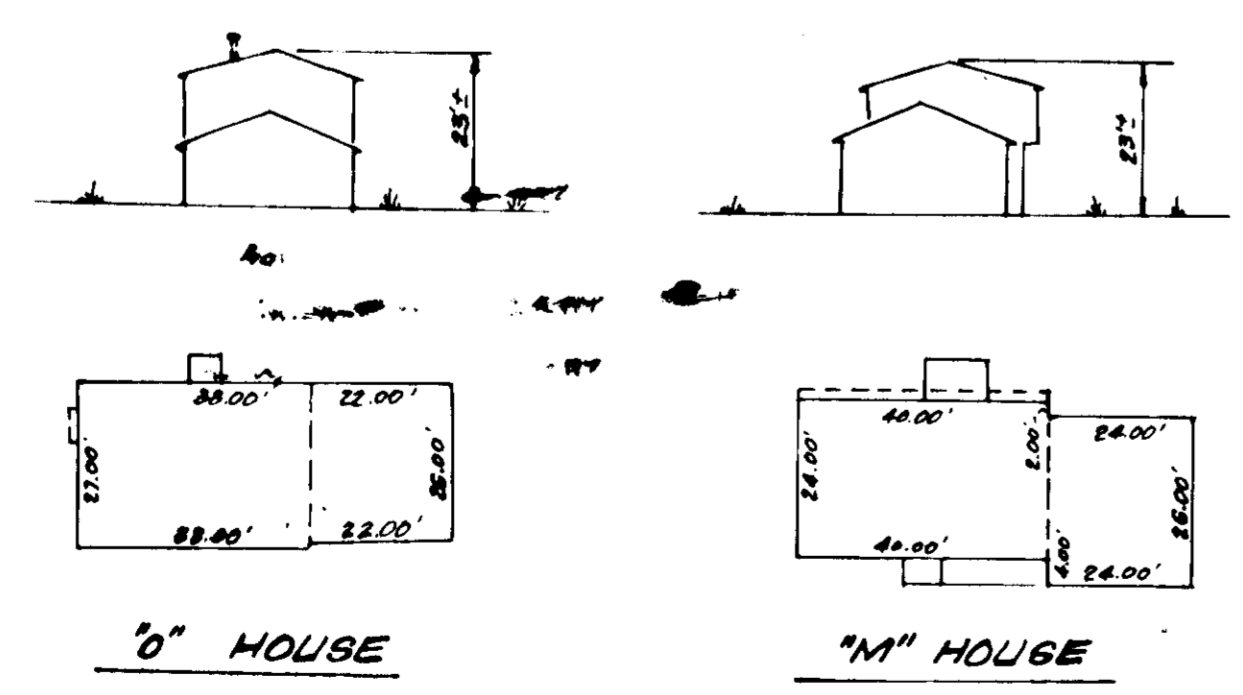
NOTE: For Bearings and Distances of Individual Lot Lines See Record Plats recorded as Plats 3581 & 3582.



NOTE: Use Residential Driveway Entrance Howard Co. Std. Dwg. D-34, pg. 83 except where driveway abuts Modified Comb. Curb & Gutter.

NOTE: Materials and Construction shall be in accordance with Howard Co. Road Constr. Code.

DRIVEWAY ABUTTING MODIFIED COMB. CURB & GUTTER  
No Scale

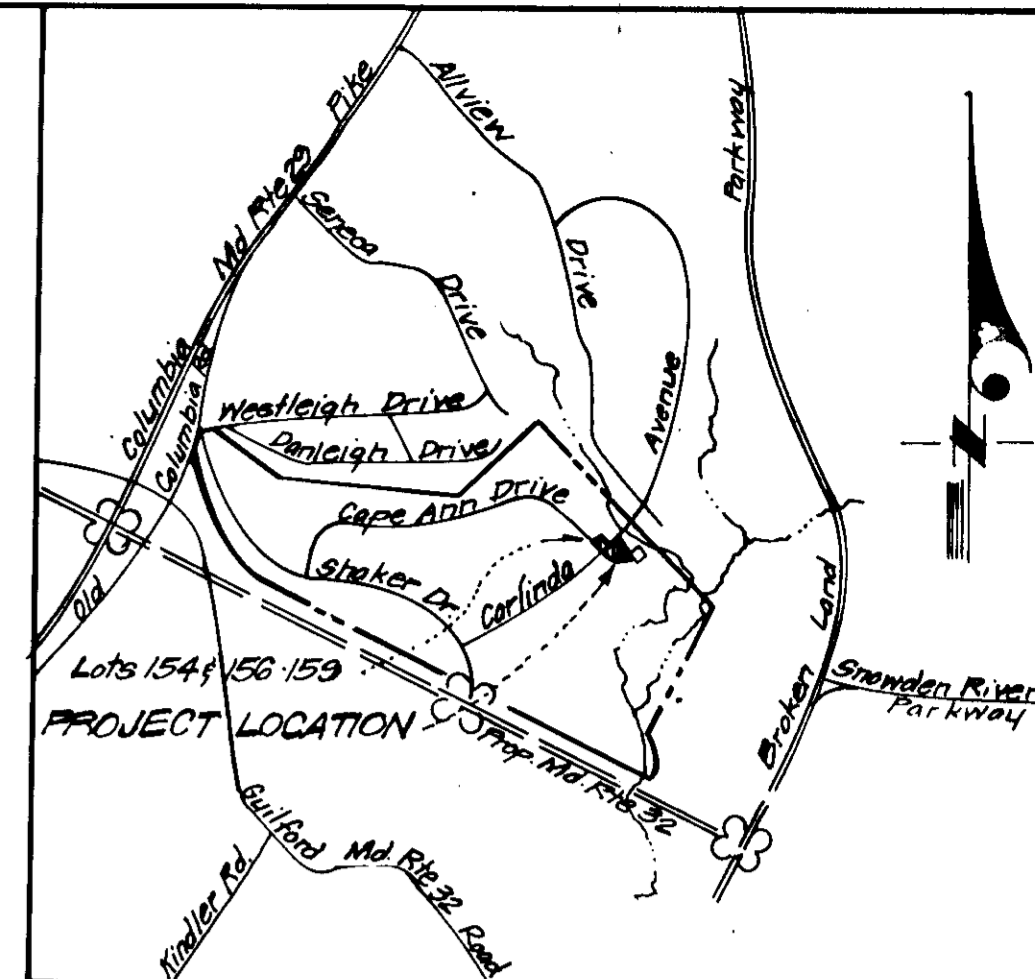


TYPICAL HOUSES  
No Scale

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER  
 DATE 8-25-77  
 COUNTY PLANNING & ZONING DEPARTMENT  
 DATE 8-29-77  
 COUNTY ENGINEER  
 DATE 8-22-77  
 COUNTY COMMISSIONER  
 DATE 8-24-77

*Ronald B. Sackett*

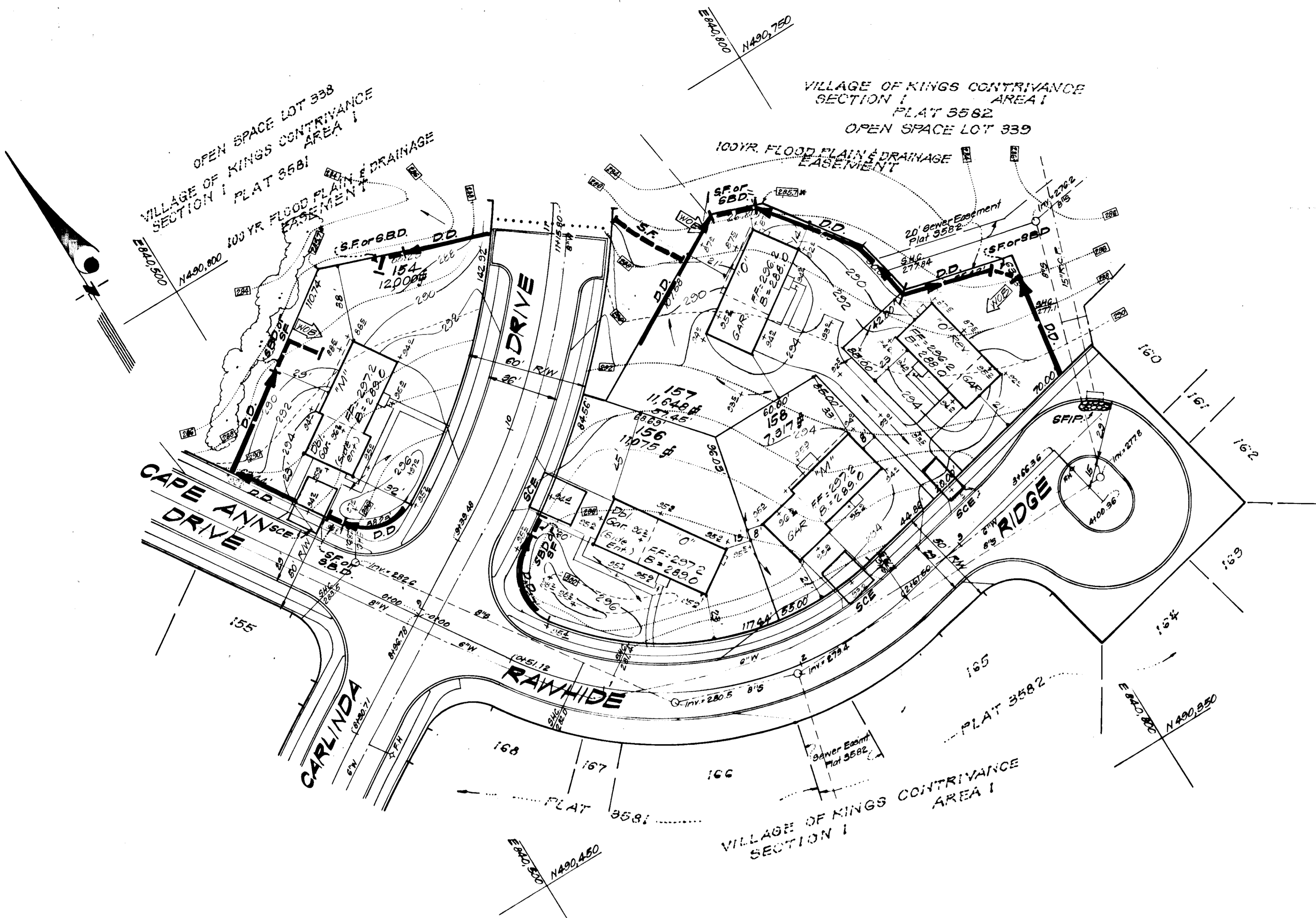
<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400		
DESIGNED D.B.S.	SITE DEVELOPMENT PLAN LOT 154 & LOTS 156 THRU 159	SCALE 1"=30'
DRAWN K.I.W.	<b>COLUMBIA</b>	DRAWING 1049
CHECKED D.B.S.	VILLAGE OF KINGS CONTRIVANCE SECTION I AREA I	JOB NO.
DATE June, 1977	6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	FILE NO. 1260-X
FOR: QUINCY DEVELOPMENT CO. 3051 Whetstone Road Columbia, Maryland 21044		
SDP-78-04C		



VICINITY MAP  
Scale: 1"=200'

LEGEND

1. Contour Interval 2 FT.
2. Existing Contour
3. Proposed Contour
4. Spot Elevation +956
5. Direction of Drainage
6. Yard Requirements: Front: 20' on 60' Wide Street  
30' on 60' Wide Street  
Back: 7.5' (Min.)
7. Existing Trees to be Retained
8. 100 Year Flood Plain Elevation.
9. Diversion Dike
10. Silt Fence or Straw Bale Dike
11. Stone Filter Inlet Protection
12. Stone Construction Entrance



APPROVED  
DIVISION OF LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE 7-26-77

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
8-21-77  
DATE  
PLANNING DIRECTOR  
DATE  
CHIEF DIVISION OF LAND DEVELOPMENT  
DATE  
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
8-21-77  
DATE  
8-21-77  
DATE

Reviewed for *Agencies* S.C.D.  
and meets Technical Requirements  
L.W. EMPEROR INC. DATE  
Signature Date  
U.S. Soil Conservation Service  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

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 and is authorized by the Howard Soil Conservation District.

*John D. Meyer*  
Approved  
8-16-77  
Date

*John Meyer*  
Signature  
6-30-77  
Date

ENGINEER'S CERTIFICATE  
I hereby certify that this plan for Erosion and Sediment Control represents a professional and work plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the State of Maryland Professional Engineer Act.  
*L.N. Clark*  
Signature  
6-30-77  
Date



NOTE: For Bearings and Distances of Individual Lot Lines See Record Plats recorded as Plats 3581 & 3582.

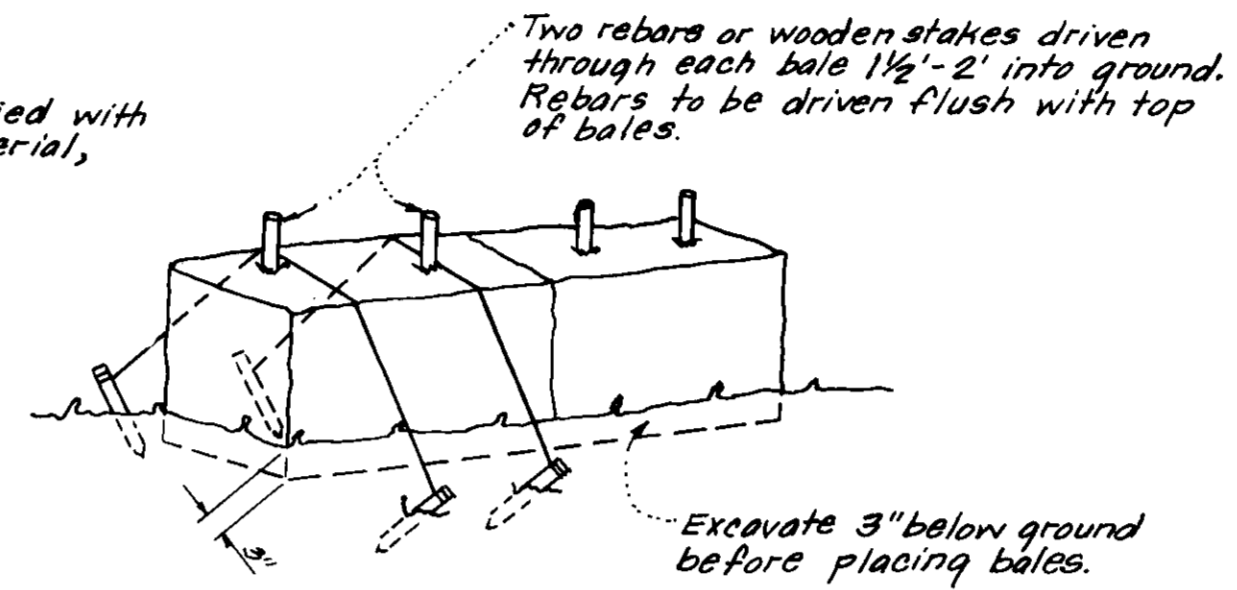
<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED D.R.H.	<b>SITE DEVELOPMENT PLAN SEDIMENT &amp; EROSION CONTROL PLAN LOT 164 &amp; LOTS 156 THRU 159</b> <b>COLUMBIA</b> VILLAGE OF KINGS CONTRIVANCE SECTION I 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN K.I.W.		DRAWING 2043
CHECKED G.N.C.		JOB NO.
DATE June, 1977	FOR: QUINCY DEVELOPMENT CO. 3051 Whetstone Road Columbia, Maryland 21044	FILE NO. 1251-SE
SDP-78-04c		

See Also 1260-1

**GENERAL NOTES**

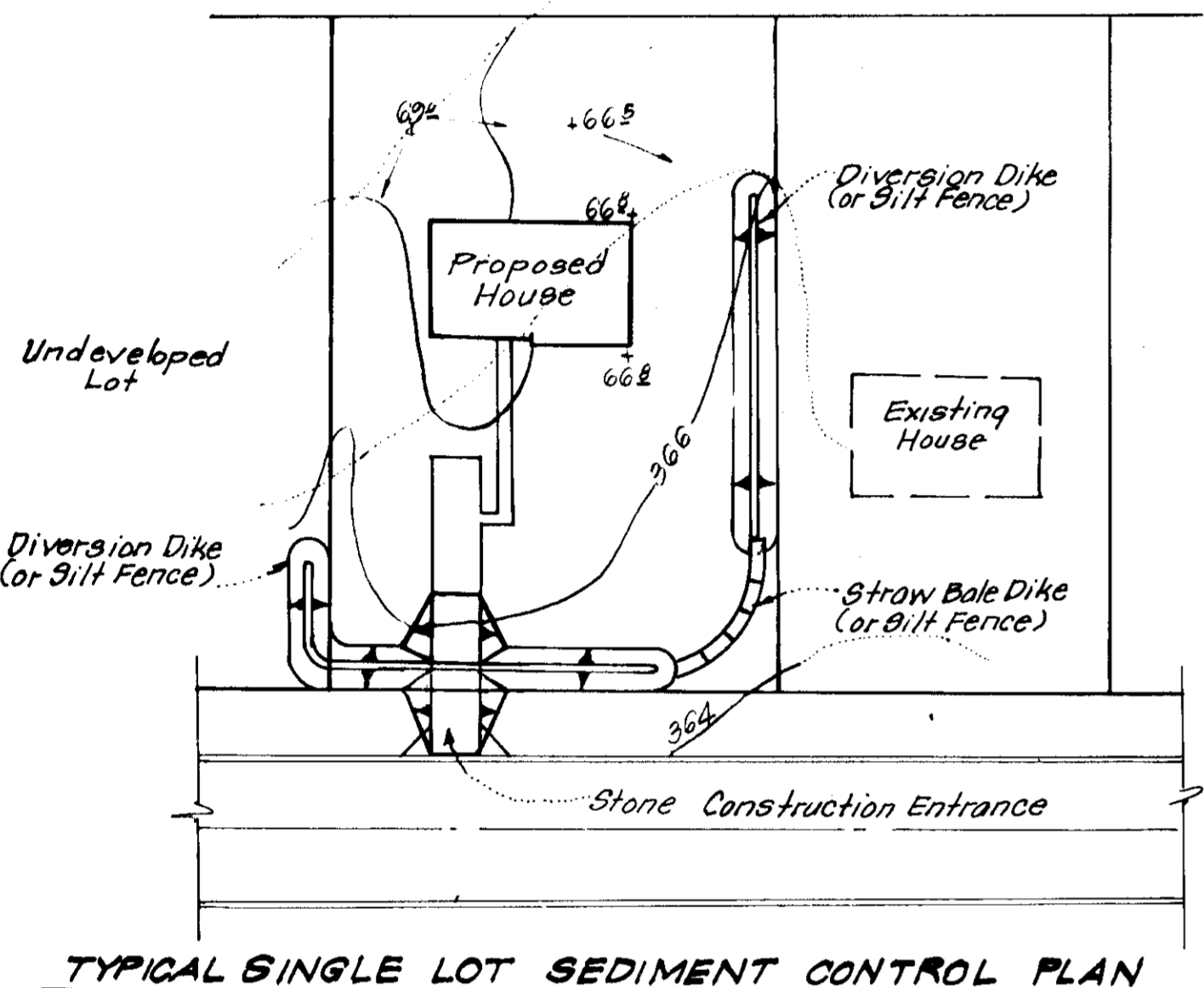
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at the rate of 1.4 lbs/1000 sq.ft.
- Notify the Bureau of 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% Chewy Fescue, 20% Kentucky 31, and 20% Annual Rye.
  - Fertilizer - 10-10-10 applied at the rate of 23lbs/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 70lbs/1000sq.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 control device, i.e. straw bales, diversion dikes, etc.
- Site Analysis:
  - Total Area: 1.115 Acres
  - Area to be Roofed: 0.176 Acres
  - Area to be Paved: 0.093 Acres
  - Area to be Seeded: 0.768 Acres
  - Area Undisturbed: 0.080 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 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 or Silt Fence shown = 120 L.F.

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

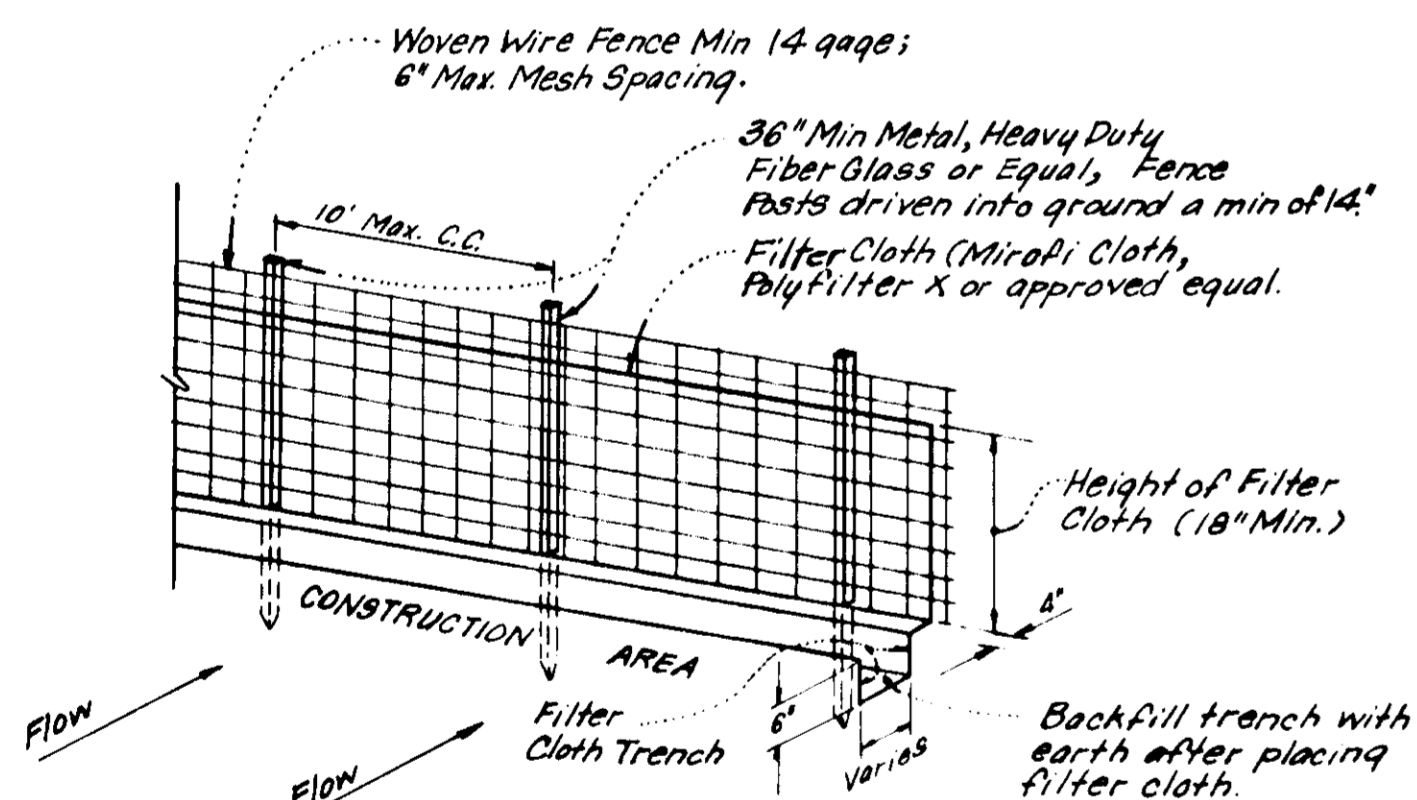


Note: In lieu of the use of rebar each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

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

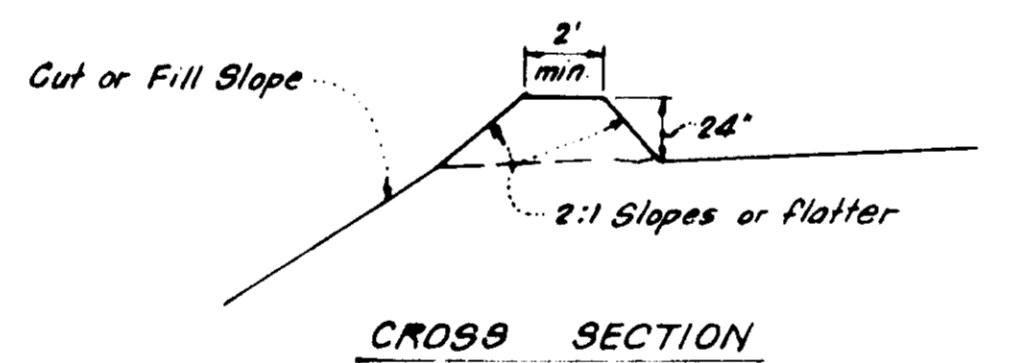


**TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN**  
No Scale

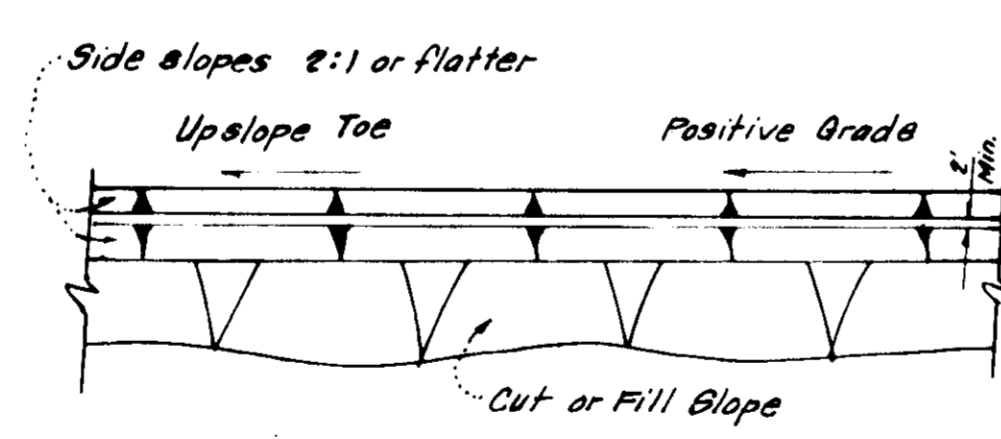


- NOTES:
- Woven Wire fence to be fastened securely to fence posts by use of wire ties.
  - Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

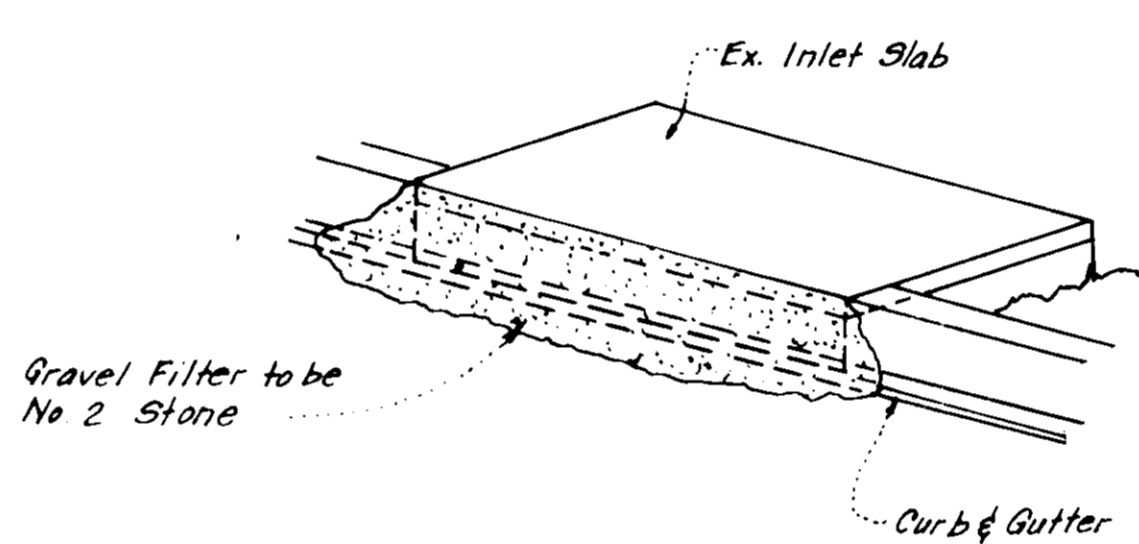
**SILT FENCE DETAIL (S.F.)**  
NO SCALE



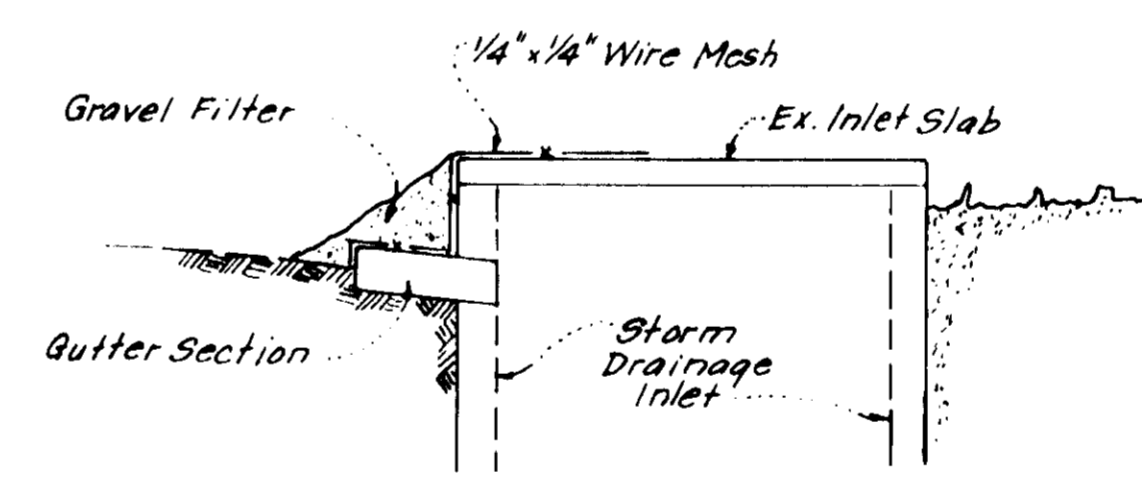
**CROSS SECTION**



**DIVERSION DIKE (D.D.)**  
No Scale

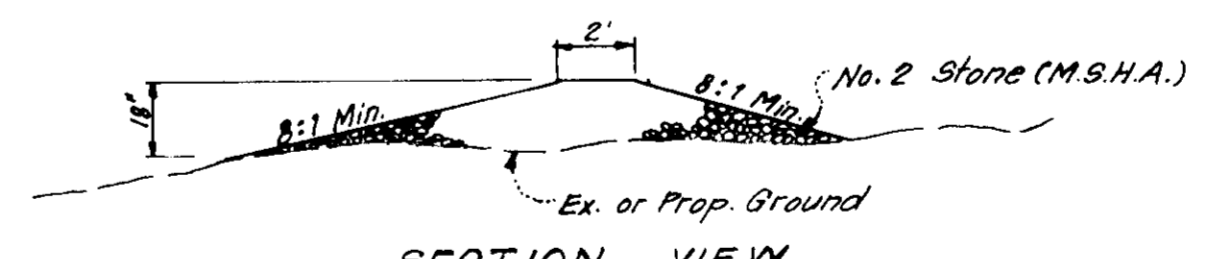


**ISOMETRIC VIEW**



**SECTION VIEW**

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



**SECTION VIEW**

**STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)**  
NO SCALE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.  
*John D. Meyer* 8-21-77  
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 & PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.  
*John D. Meyer* 8-17-77  
DIRECTOR DATE  
CHIEF, BUREAU OF HIGHWAYS DATE

Reviewed for Howard S.C.D. Name  
and meets Technical Requirements  
*John D. Meyer* 8-15-77  
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 D. Meyer* 8-15-77  
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 will authorize periodic onsite inspections by the Howard Soil Conservation District or its authorized agents. I will not be held liable unless notified in writing by the Howard Soil Conservation District.

*John D. Meyer* 8-30-77  
Signature Date

**ENGINEER'S CERTIFICATE**

I hereby certify that this plan, including the Sediment Control measures, was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer in the State of Maryland.

*C. Nelson Clark* 6-30-77  
Signature Date



APPROVED  
DIVISION OF LAND DEVELOPMENT  
HOWARD COUNTY, MARYLAND  
DATE 7-26-77

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 993-3400	
DESIGNED D.R.H.	<b>SITE DEVELOPMENT PLAN SEDIMENT &amp; EROSION CONTROL PLAN LOT 154 &amp; LOTS 156 THRU 159</b>  <b>COLUMBIA</b> VILLAGE OF KINGS CONTRIVANCE SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR QUINCY DEVELOPMENT CO. 5051 Whetstone Road Columbia, Maryland, 21044 SDP-78-04. See Also 1260-X
DRAWN K.I.W.	
CHECKED G.N.C.	
DATE June, 1977	
SCALE As Shown DRAWING 3 of 3 JOB NO. FILE NO. 1251-SE	