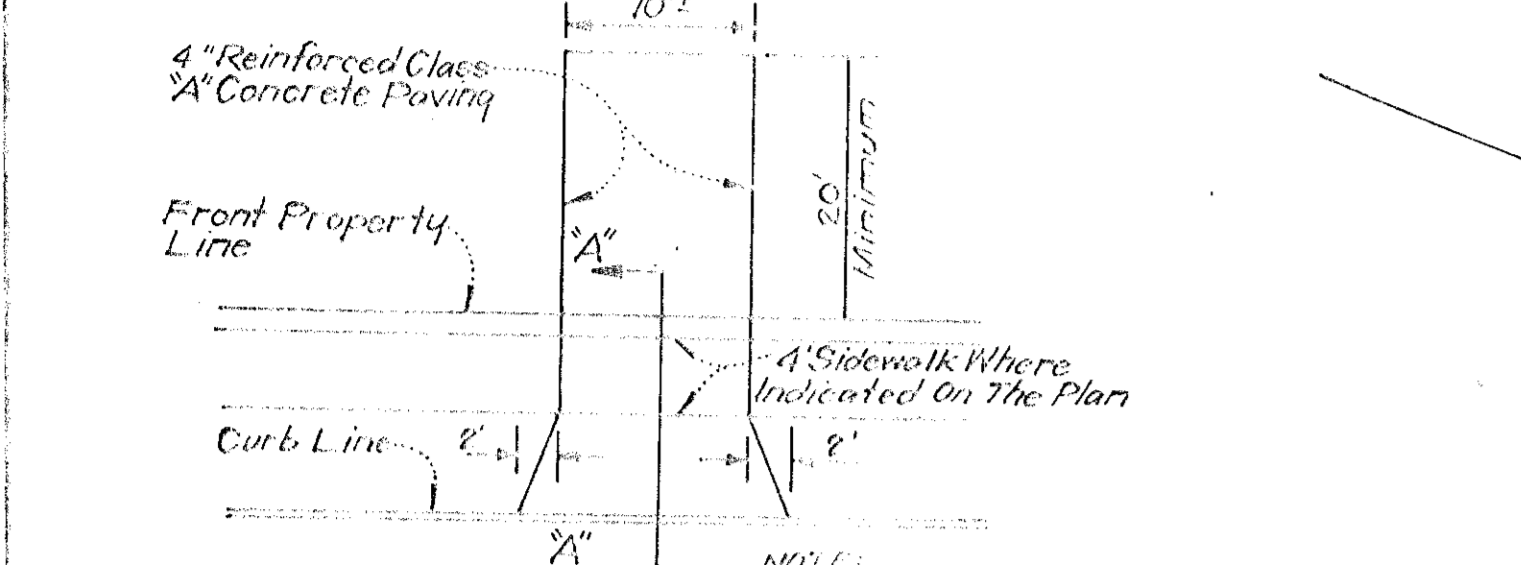


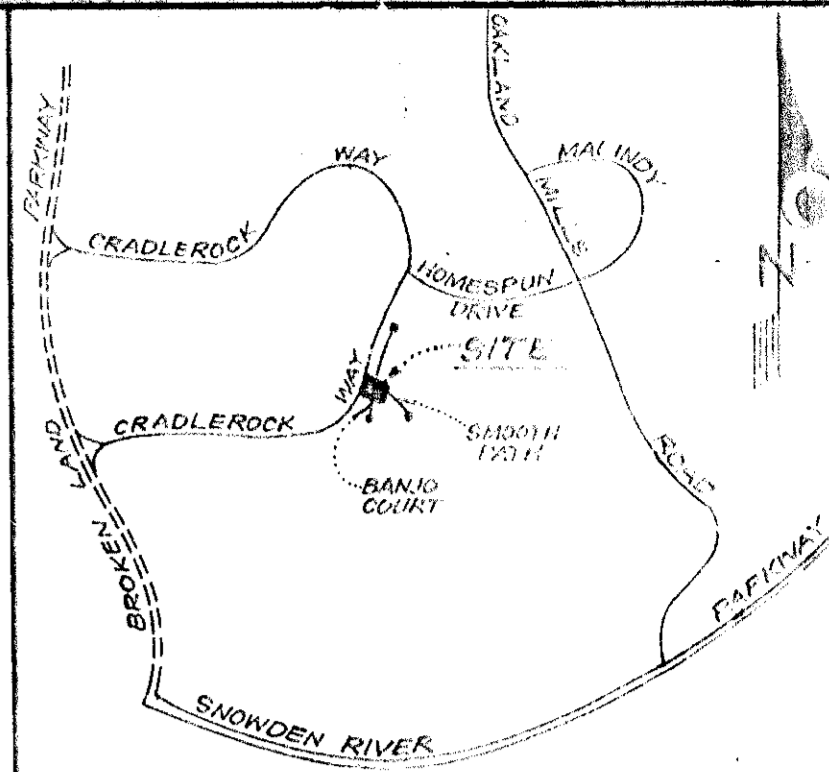
SECTION A-A'



PLAN  
NO SCALE

**DRIVEWAY ABUTTING MOD. COMB. CURB & GUTTER**  
NO SCALE

NOTE: Use Residential Driveway Entrance, Howard Co. Drawing D-34, Pg. 89. Except Where Driveway Abuts Modified Combination Curb & Gutter.



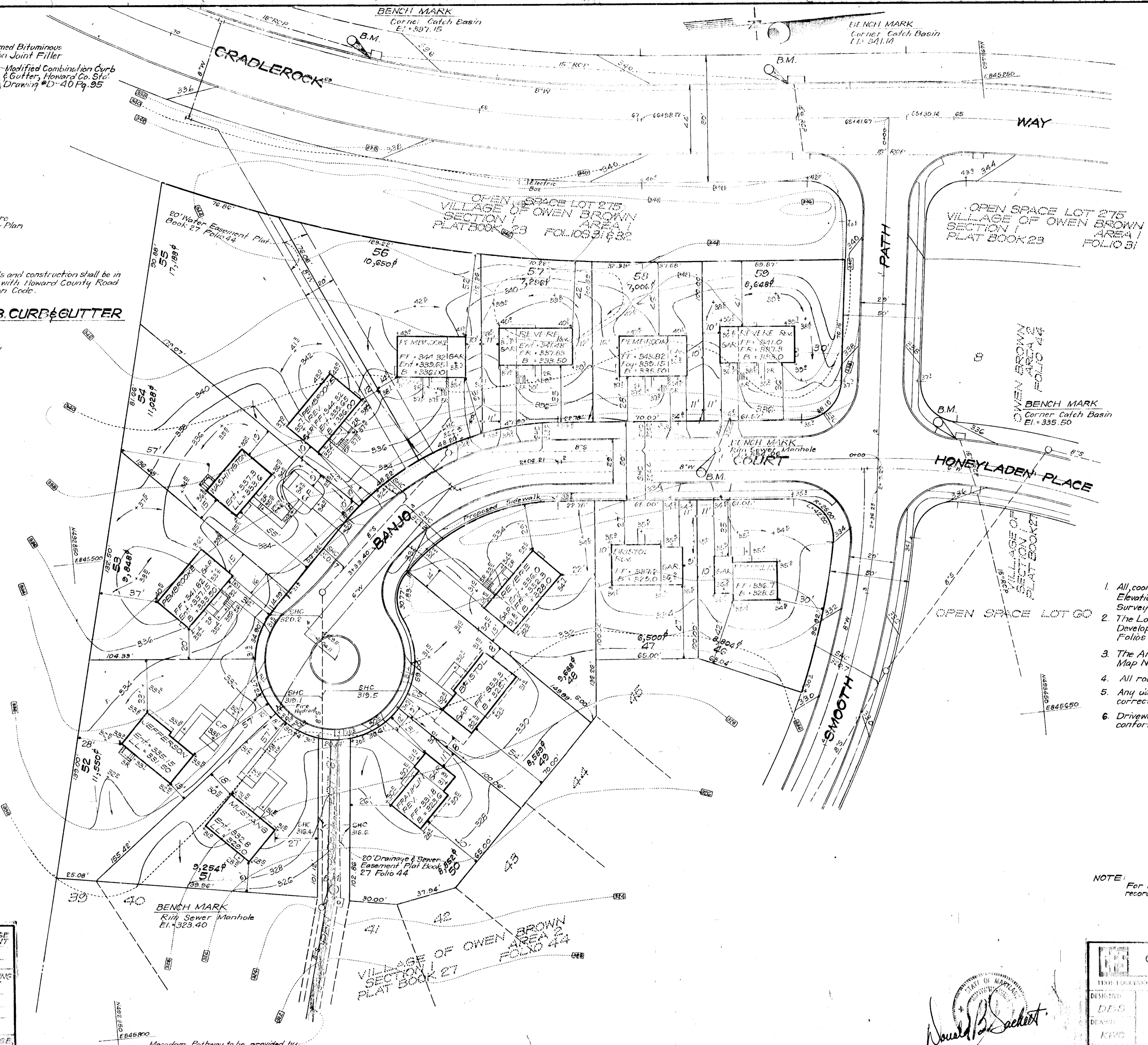
VICINITY MAP  
SCALE: 1" = 2000'

**LEGEND**

1. Contour Interval 2 Ft
2. Existing Contours 340
3. Proposed Contours 340
4. Spot Elevations 1.70±
5. Direction Of Drainage →
6. Yard Requirements  
Front 20' On 50' Wide Streets  
Side 7.5' (Min.)

**GENERAL NOTES**

1. All coordinates are based on Maryland State Grid System. Elevations are based on the 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 1 (27A) recorded in Plat Book 23, Folios 113 to 120.
3. The Area covered in this subdivision is located on Tax Map No. 36, Parcel No. 383.
4. All roads shown are public.
5. Any damage caused within the rights-of-way must be corrected at the developer's expense.
6. Driveway Entrances for Lots 40 thru 54 will be in conformance with Standard Drawing # D-34, Page 89.



APPROVE THE PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

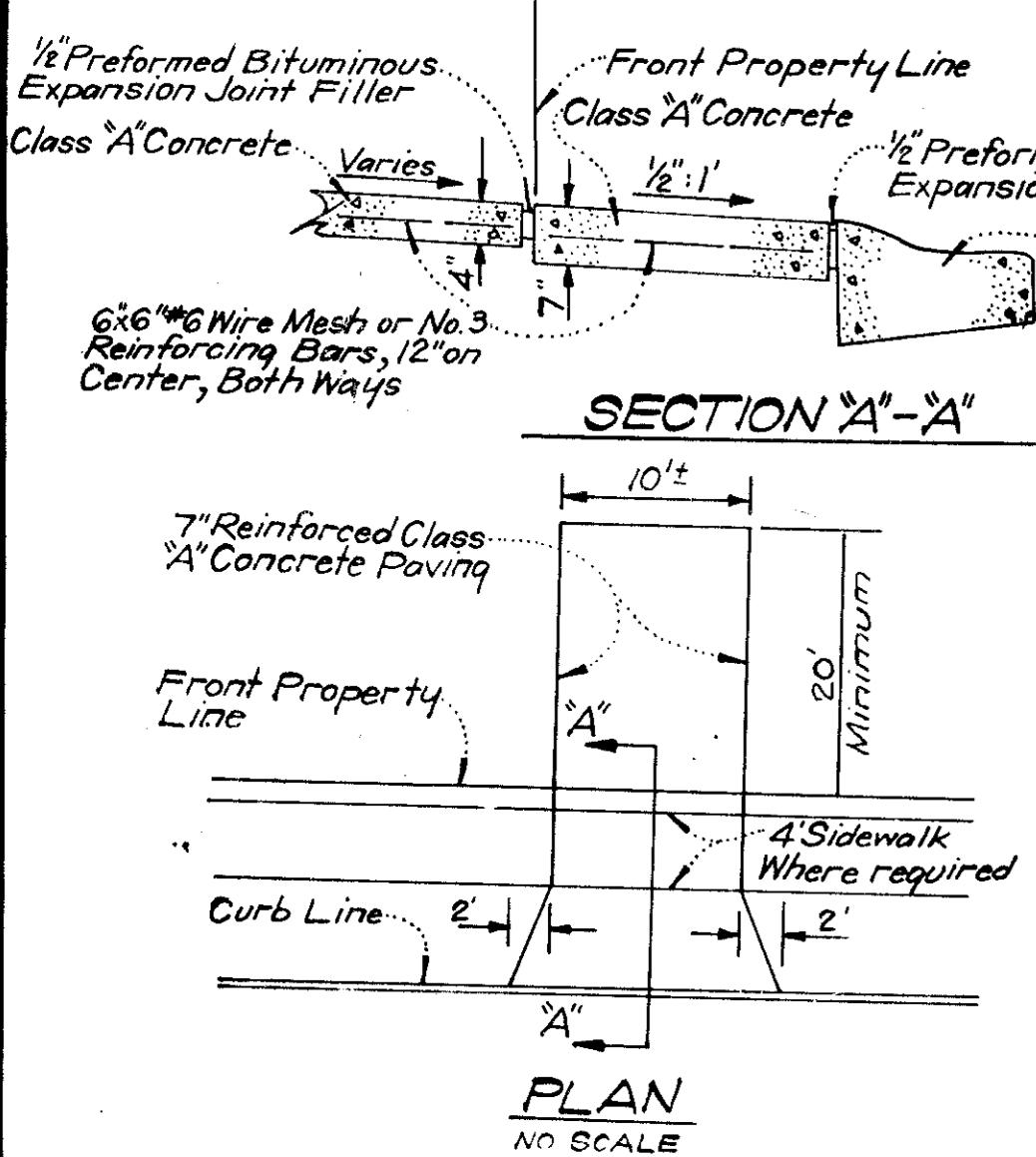
*[Signature]* 11/14/75  
*[Signature]* 11-14-75  
*[Signature]* 11/14/75  
*[Signature]* 11-14-75  
*[Signature]* 11/14/75

Macadam Pathway to be provided by others, see Preliminary Plan P-74-20C

*[Signature]*  
 November 13, 1975

**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 1130 E. LOUWEN DRIVE SILVER SPRING, MARYLAND 20910

DESIGNED BY: SITE DEVELOPMENT PLAN LOT 54 & THRU 55  
 DRAWN BY: COL LINDSAY  
 CHECKED BY: VILLAGE OF OWEN BROWN SECTION 1 AREA 1 PLAT BOOK 23 FOLIO 31  
 DATE: 11-14-75



**DRIVEWAY ABUTTING MOD. COMB. CURB & GUTTER**  
NO SCALE

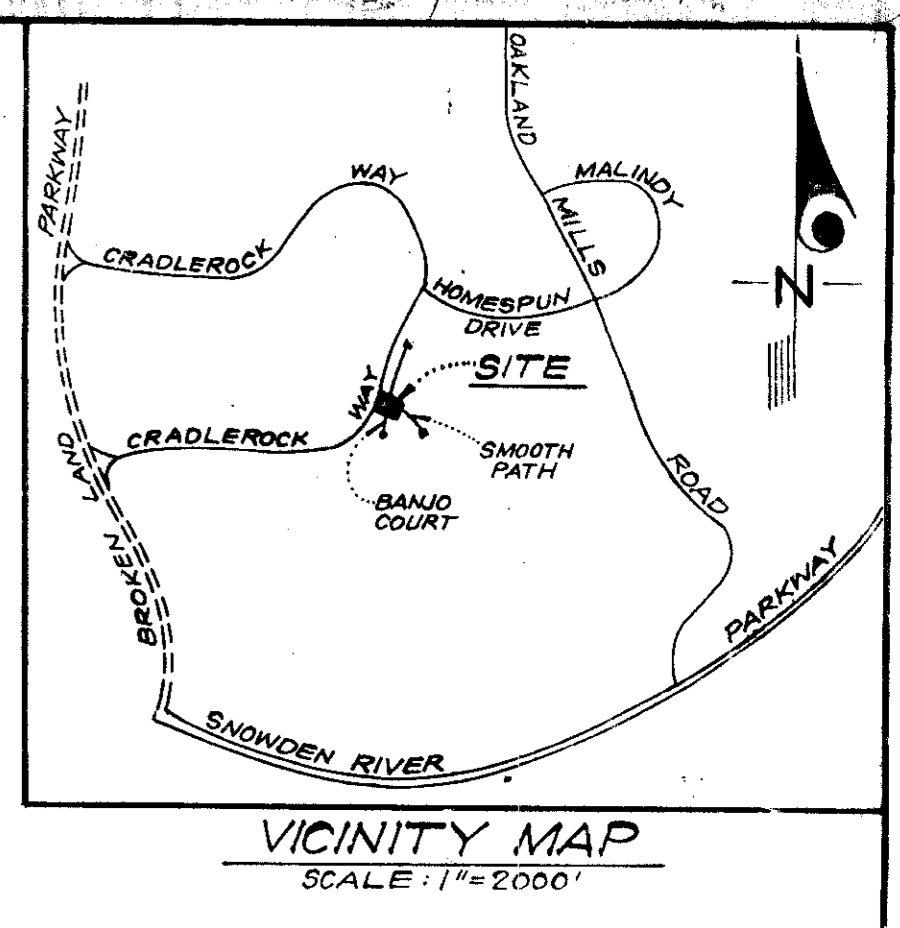
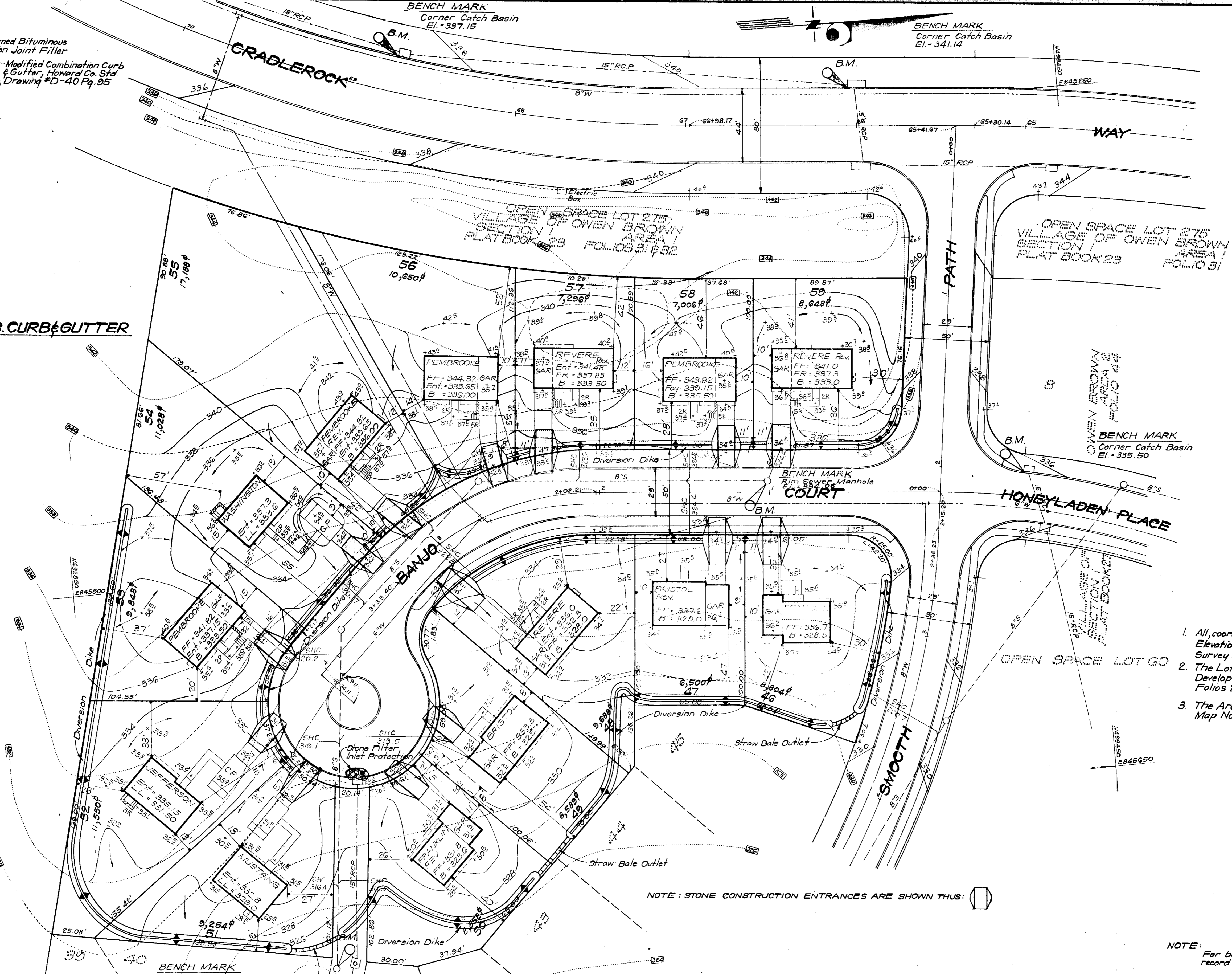
NOTE: Use Residential Driveway Entrance, Howard Co. Drawing #D-34 Pg. 89, Except Where Driveway Abuts Modified Combination Curb & Gutter.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER *[Signature]* 11/14/75 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR *[Signature]* 11-14-75 DATE

APPROVED DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
 CHIEF DIVISION OF LAND DEVELOPMENT *[Signature]* 11/14/75 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 CHIEF BUREAU OF HIGHWAYS *[Signature]* 11-14-75 DATE



**LEGEND**

- 1. Contour Interval 2 Ft
- 2. Existing Contours 340
- 3. Proposed Contours 340
- 4. Spot Elevations +40.0
- 5. Direction Of Drainage →
- 6. Yard Requirements  
Front-20' on 50' Wide Streets  
Side 7.5' (Min.)

**GENERAL NOTES**

- 1. All coordinates are based on Maryland State Grid System. Elevations are based on the 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 127-A recorded in Plat Book 20 Folios 288 to 295.
- 3. The Area covered in this subdivision is located on Tax Map No. 36, Parcel No. 383.

NOTE: STONE CONSTRUCTION ENTRANCES ARE SHOWN THIS:

APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HOWARD COUNTY, MARYLAND  
 DATE 10-27-75  
*[Signature]*

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 27 Folio 44.

Reviewed for HOWARD SCD  
 and made technical corrections  
 Eric U. Herman 11/10/75  
 ENGINEER

ENGINEER'S CERTIFICATE  
 I hereby certify that this plan, specifications and conditions comply with the requirements of applicable laws and regulations and that I was present in accordance with the requirements of the Howard Soil Conservation District.



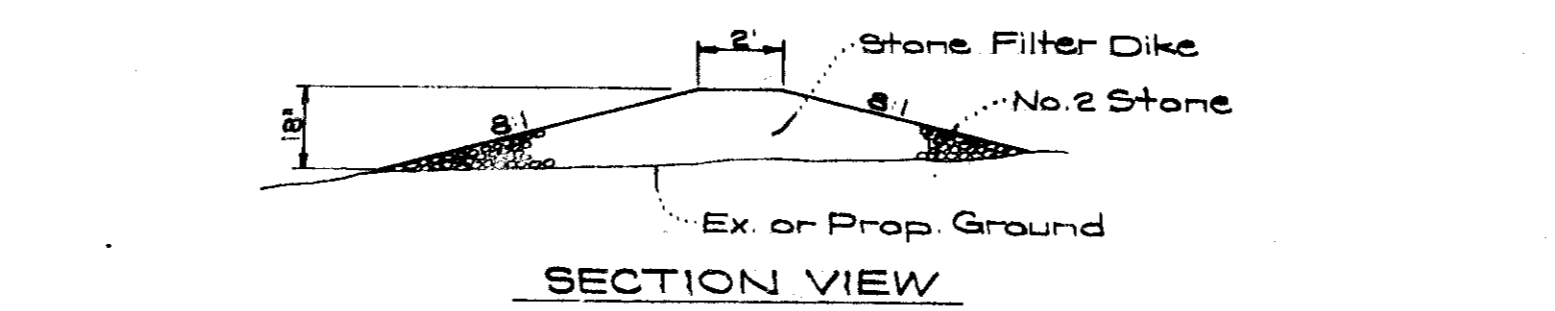
9-23-75 DATE  
*G. Nelson Clark*  
 G. NELSON CLARK

DEVELOPER'S CERTIFICATE  
 I certify that the development and construction will be carried out in accordance with the plan of development and the conditions and covenants contained therein and that I am a duly licensed and bonded contractor. I will not be made unless authorized by the Howard Soil Conservation District.

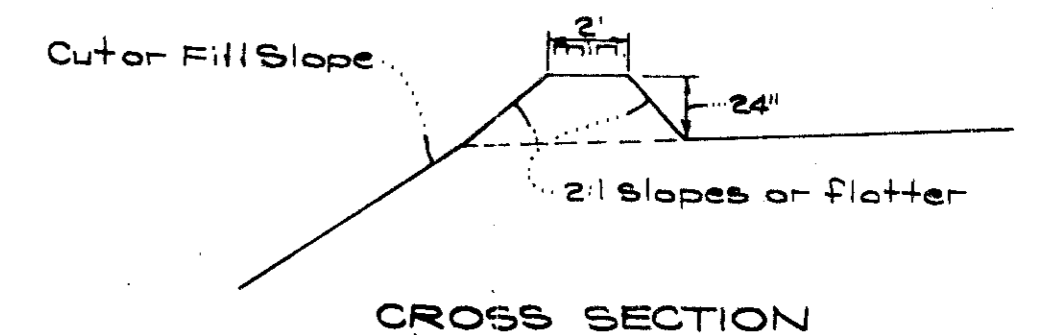
10/31/75 DATE  
*Jerry M. Carpenter*  
 JERRY M. CARPENTER

Robert W. Gidycz 11/10/75 DATE  
 APPROVED

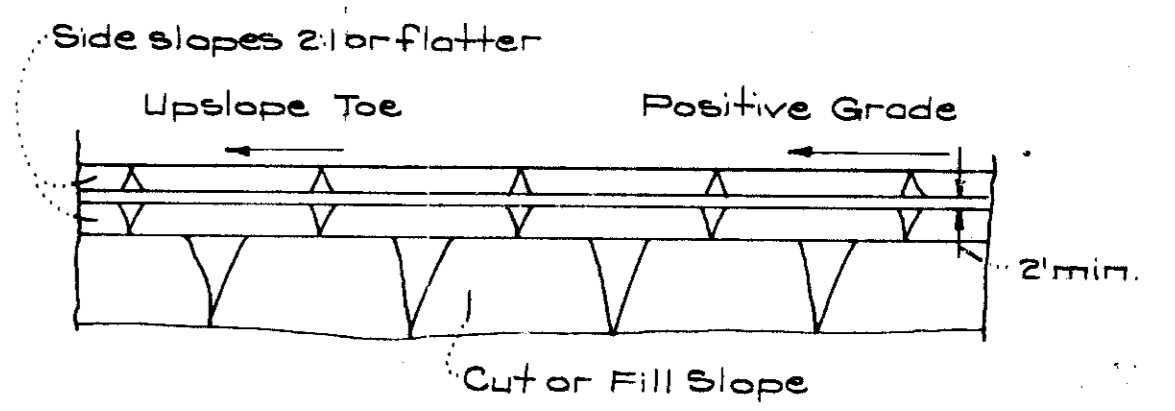
<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400		
DESIGNED C.C.M.	<b>SEDIMENT EROSION CONTROL PLAN</b> LOTS 46 THRU 59 <b>COLUMBIA</b> VILLAGE OF OWEN BROWN SECTION 1 AREA 2 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1"=30'
DRAWN KWC		DRAWING 2 OF 3
CHECKED DBS		JOB NO.
DATE Sept, 1975	FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 V.O.M. Office Building Columbia, Maryland 21043	FILE NO. 1158 SE



**STONE CONSTRUCTION ENTRANCE DETAIL**  
No Scale

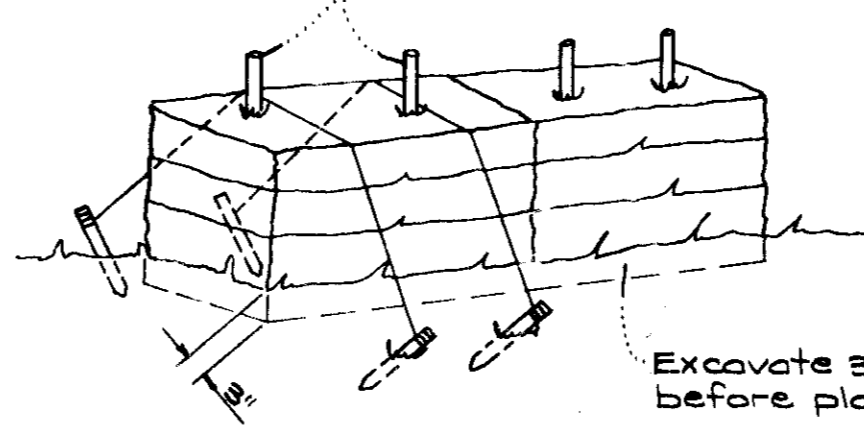


**CROSS SECTION**



**PLAN VIEW**  
**DIVERSION DIKE**  
No Scale

Two rebars or wooden stakes driven through each bale 1/2" 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**  
No Scale

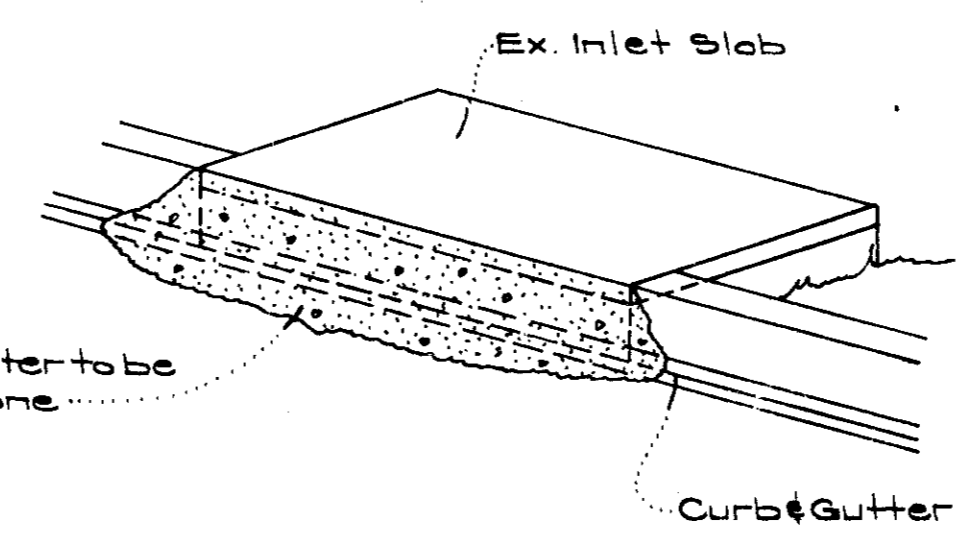
All bales shall be tied with non-weathering material, i.e. wire, nylon.

Excavate 3" below ground before placing bales.

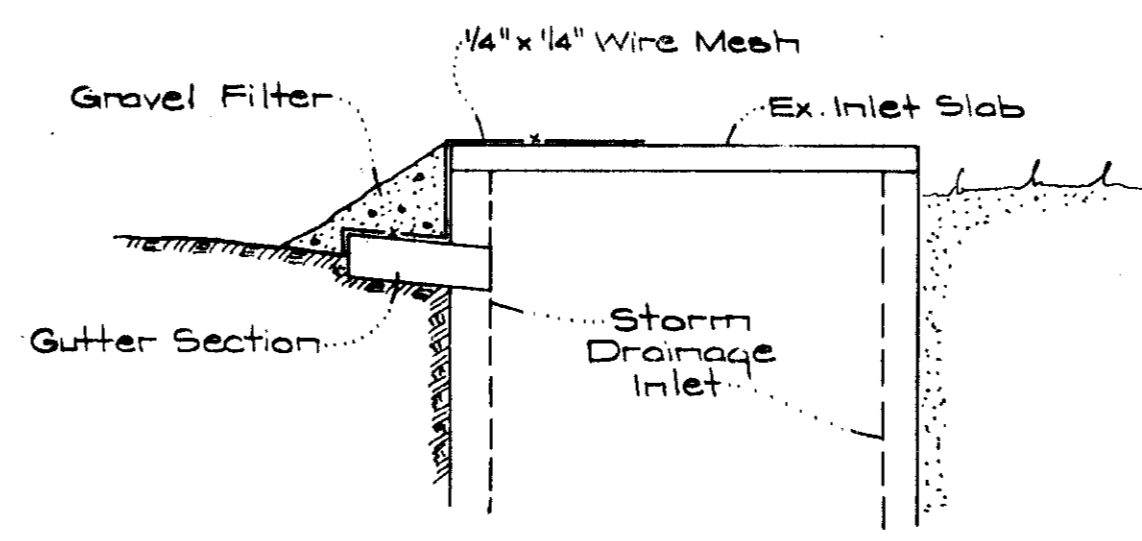
**GENERAL NOTES**

- 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 Kentucky 31 applied at the rate of 14 lbs/1000 ft.
- Notify the Howard Soil Conservation District and the Bureau of Inspections and Permits at least 24 hours before starting any work.
- All equipment control practices to conform to the standards and Specifications For Soil Erosion and Sediment Control in Urbanizing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All graded areas shall be treated in accordance with the following Specifications:
  - Seed - certified 85% germination applied at the rate of 3 lbs/1000 ft mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% Annual Ryegrass.
  - Fertilizer - 5-10-10 applied at the rate of 23 lbs/1000 ft. Ground agricultural lime or dolomitic lime applied at the rate of 40 lbs/1000 ft.
  - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 ft. Mulch shall be sealed 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, phone 465-3180 or 465-5000, 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.
- Site Analysis:
 

Total Area	3.05 Ac.
Area To Be Roofed	0.35 Ac.
Area To Be Paved	0.12 Ac.
Area To Be Seeded	2.16 Ac.
Area Undisturbed	0.46 Ac.
- The Contractor shall keep all public roads free of sediment deposits left from heavy truck traffic leaving construction site.
- Stone filter dikes shall be constructed at all construction entrances.
- CONSTRUCTION SEQUENCE**
  - Lots 48 Thru 55 are to be constructed first
    - Install Sediment and Erosion Control measures as shown on Sheet 2 of 3.
    - Excavate for building footings and rough grade.
    - Construct buildings, carports, driveways and sidewalks.
    - Final grade and stabilize in accordance with General Note No. 5.
  - The remaining Lots will be constructed on an "as sold" basis.
  - It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to previously constructed lots while proceeding with new construction.

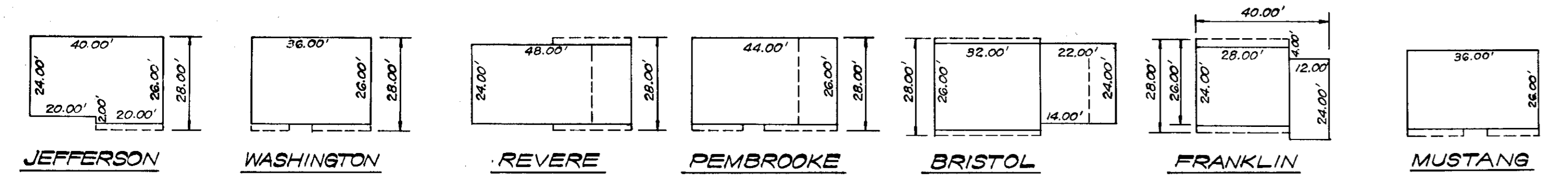


**ISOMETRIC VIEW**

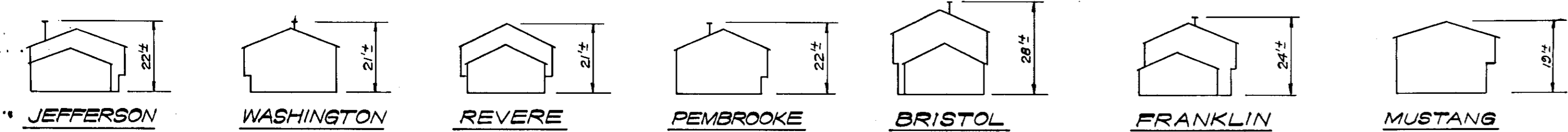


**SECTION VIEW**

**STONE FILTER INLET PROTECTION DETAIL**  
No Scale



**TYPICAL HOUSES**  
No Scale



**TYPICAL HOUSE ELEVATIONS**  
No Scale

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]*  
COUNTY HEALTH OFFICER  
DATE 11/14/75

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*[Signature]*  
PLANNING DIRECTOR  
DATE 11/14/75

CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING  
DATE 11/14/75

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]*  
DIRECTOR  
DATE 11/14/75

*[Signature]*  
CHIEF, BUREAU OF HIGHWAYS  
DATE 11/13/75

Reviewed for HOWARD S.C.D. Name  
and meets Technical Requirements  
*[Signature]* Eric U. Keenan Date 11/10/75  
U.S. Soil Conservation Service

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

APPROVED: *[Signature]* DATE 11/10/75

**DEVELOPER'S CERTIFICATE**

I hereby certify that the plan for the proposed development shown on this plan and all other information contained herein were prepared by me or by a duly licensed professional engineer, architect, or other person authorized by the Howard Soil Conservation District.

10/31/75 *[Signature]*  
Date Signature

**ENGINEER'S CERTIFICATE**

I hereby certify that the plan for the proposed development shown on this plan and all other information contained herein were prepared by me or by a duly licensed professional engineer, architect, or other person authorized by the Howard Soil Conservation District.

9-23-75 *[Signature]*  
Date Signature



APPROVED  
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 10-27-75  
*[Signature]*

<b>CLARK • FINEPROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS		(301) 593-3400
DESIGNED CCM	SEDIMENT & EROSION CONTROL PLAN LOTS 46 THRU 53 <b>COLUMBIA</b>	SCALE As Shown
DRAWN Suzan	VILLAGE OF OWEN BROWN SECTION 1 AREA 2	DRAWING 3 OF 3
CHECKED G.N.C.	6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE Sept, 1975	FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 V.O.M. Office Building Columbia, Maryland 21043	FILE NO. 1158 SE