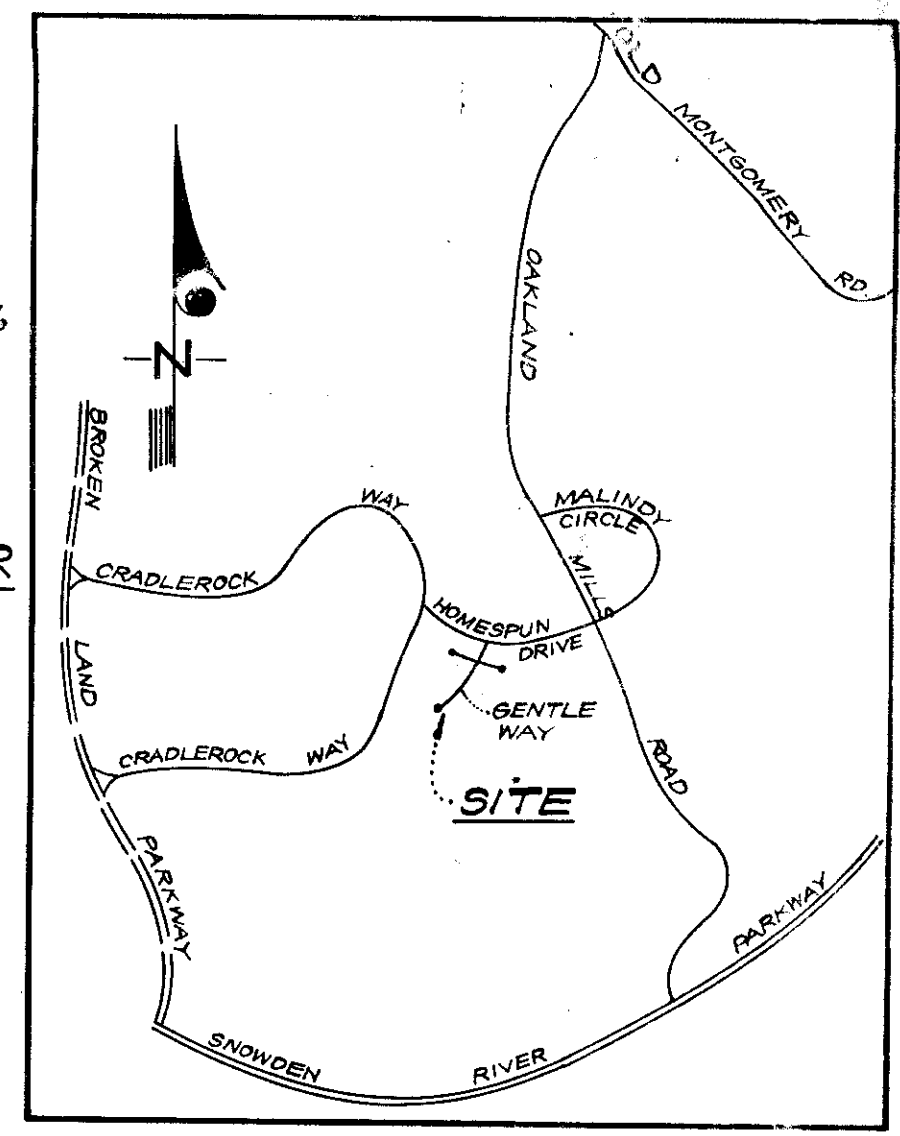
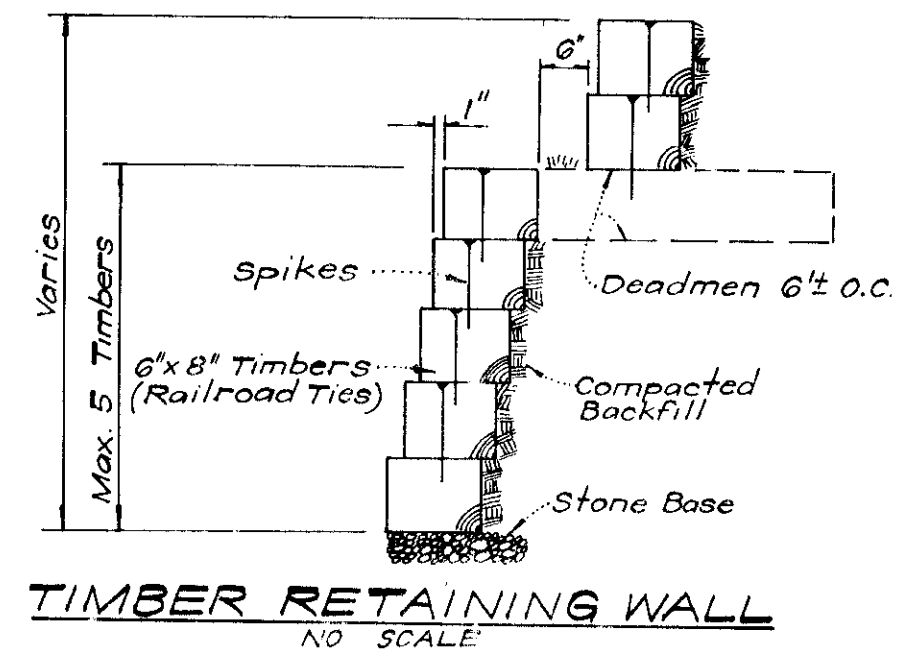


NOTE: Use Residential Driveway Entrance, Howard Co. Drawing # D-34 Pg. 89, Except Where Driveway Abuts Modified Combination Curb & Gutter. All materials and construction shall be in accordance with Howard County Road Construction Code.



**LEGEND**

1. Contour Interval 2 Ft.
2. Existing Contours 340
3. Proposed Contours 340
4. Spot Elevations +40.5
5. Direction Of Drainage
6. Yard Requirements: Front - 20' On 50' Wide Streets, Side 7.5' (Min.)
7. Existing Trees to be Retained
8. Existing Trees to be Removed
9. Retaining Walls

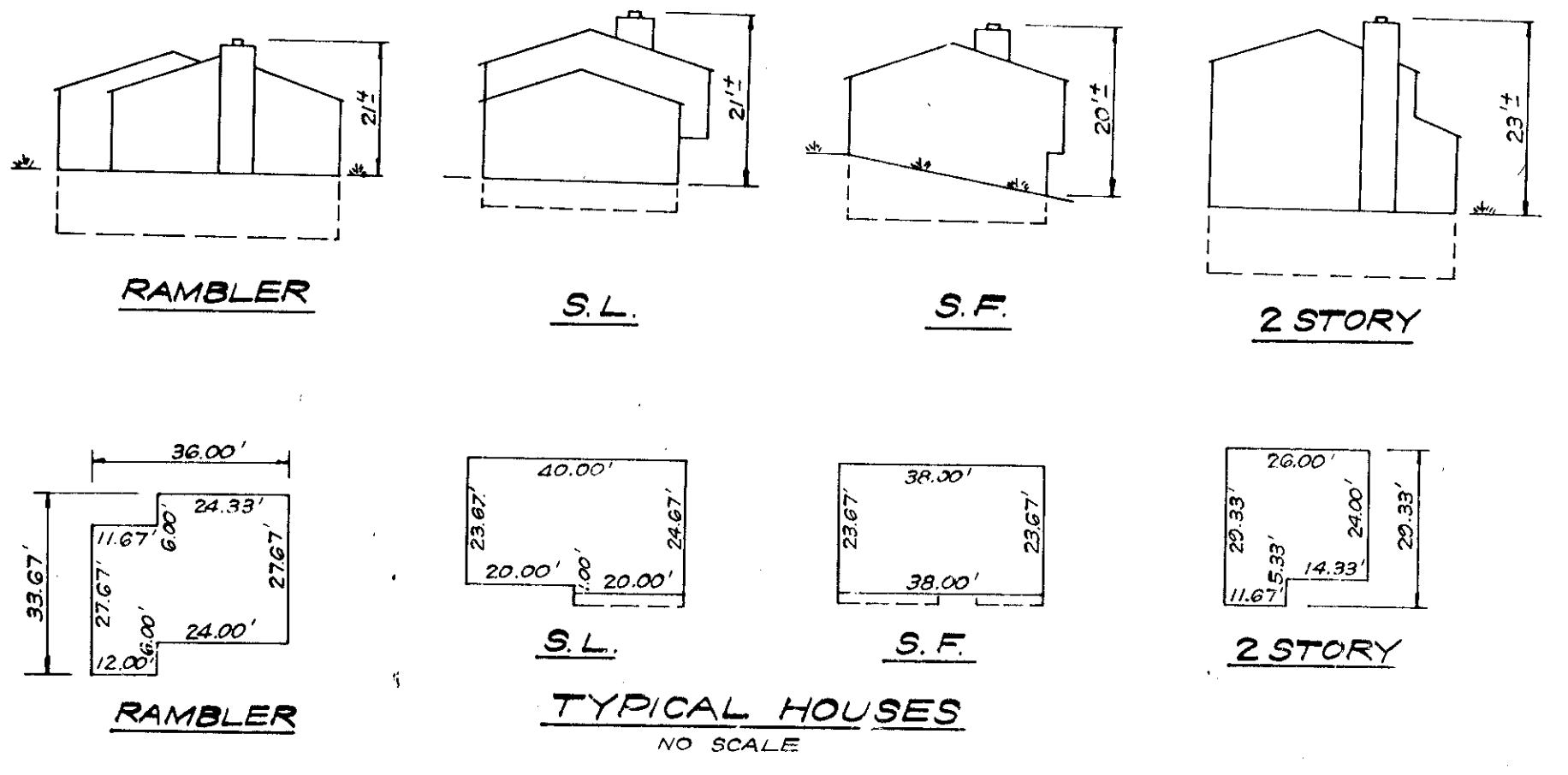


**GENERAL NOTES**

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 146A recorded in Plat Book 28 Folios 42 to 56 and 88 & 89.
3. The Area covered in this subdivision is located on Tax Map No. 36.
4. The total area included in this plan is 5.023 Acres.
5. The land included in this plan is zoned New Town (S.F.M.D.).
6. All roadways shown are public and are existing.
7. Ripplestir Place and Gentle Way are existing roadways.
8. Any Damage to right of way or paving shall be corrected at Developer's expense.
9. Driveway Entrances for lots 133 thru 138 and 145 thru 151 will be in conformance with Standard Drawing # D-34, Page 89.

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 27 Folio 69.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER  
 DATE 1/21/76  
 APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 COUNTY PLANNING & ZONING OFFICER  
 DATE 1-23-76  
 APPROVED FOR LAND DEVELOPMENT  
 DATE 1/21/76  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, SEWERAGE SYSTEMS AND PUBLIC ROADS  
 DATE 1-24-76  
 DATE 1-16-76



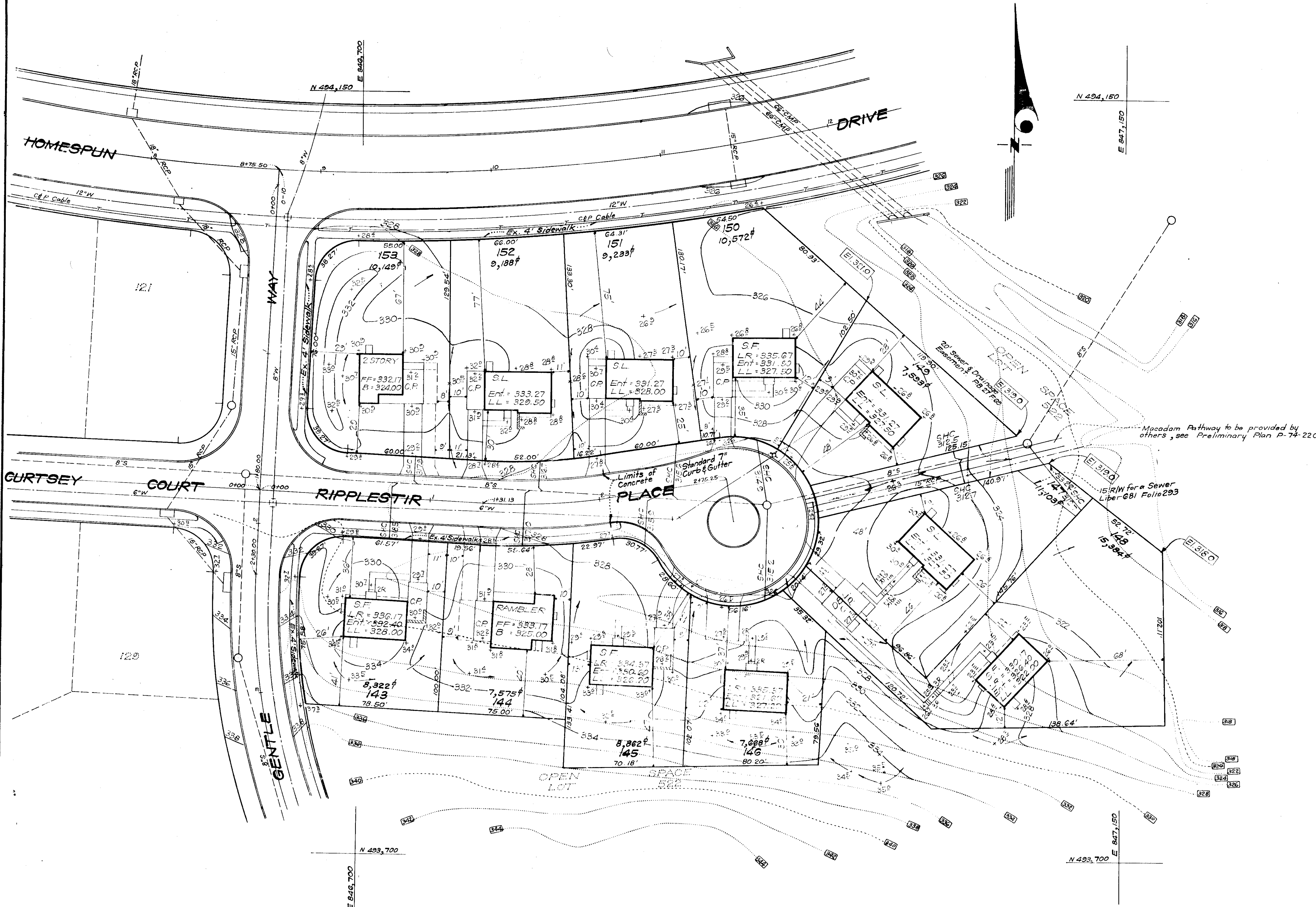
APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 563-3400		SCALE <b>1" = 30'</b>
DESIGNED DBS	<b>SITE DEVELOPMENT PLAN</b> LOTS 130 THRU 153 <b>COLUMBIA</b> VILLAGE OF OWEN BROWN SECTION 4 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING <b>1 OF 5</b>
DRAWN CCM		JOB NO.
CHECKED DBS		FILE NO. <b>1164-X</b>
DATE Oct, 1975	FOR: <b>PORETSKY &amp; STARR, INC.</b> 8401 Connecticut Avenue Chevy Chase, Md. 20815	

12-23-75

SDP-76-36C





**LEGEND**

- 1. Contour Interval 2 Ft
- 2. Existing Contours --- 340
- 3. Proposed Contours --- 340
- 4. Spot Elevations + 40.5
- 5. Direction Of Drainage →
- 6. Yard Requirements:  
Front - 20' On 50' Wide Streets  
Side - 7.5' (Min.)
- 7. Existing Trees to be Retained
- 8. Existing Trees to be Removed
- 9. Retaining Walls

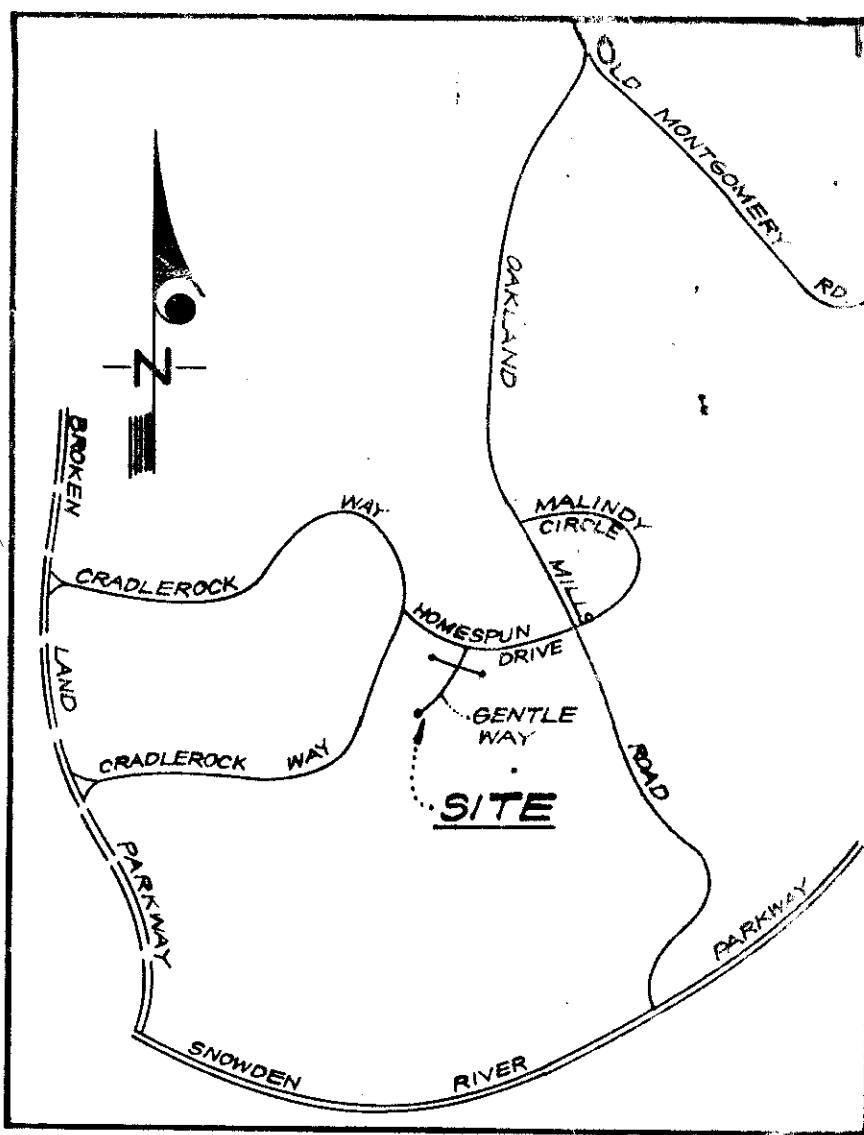
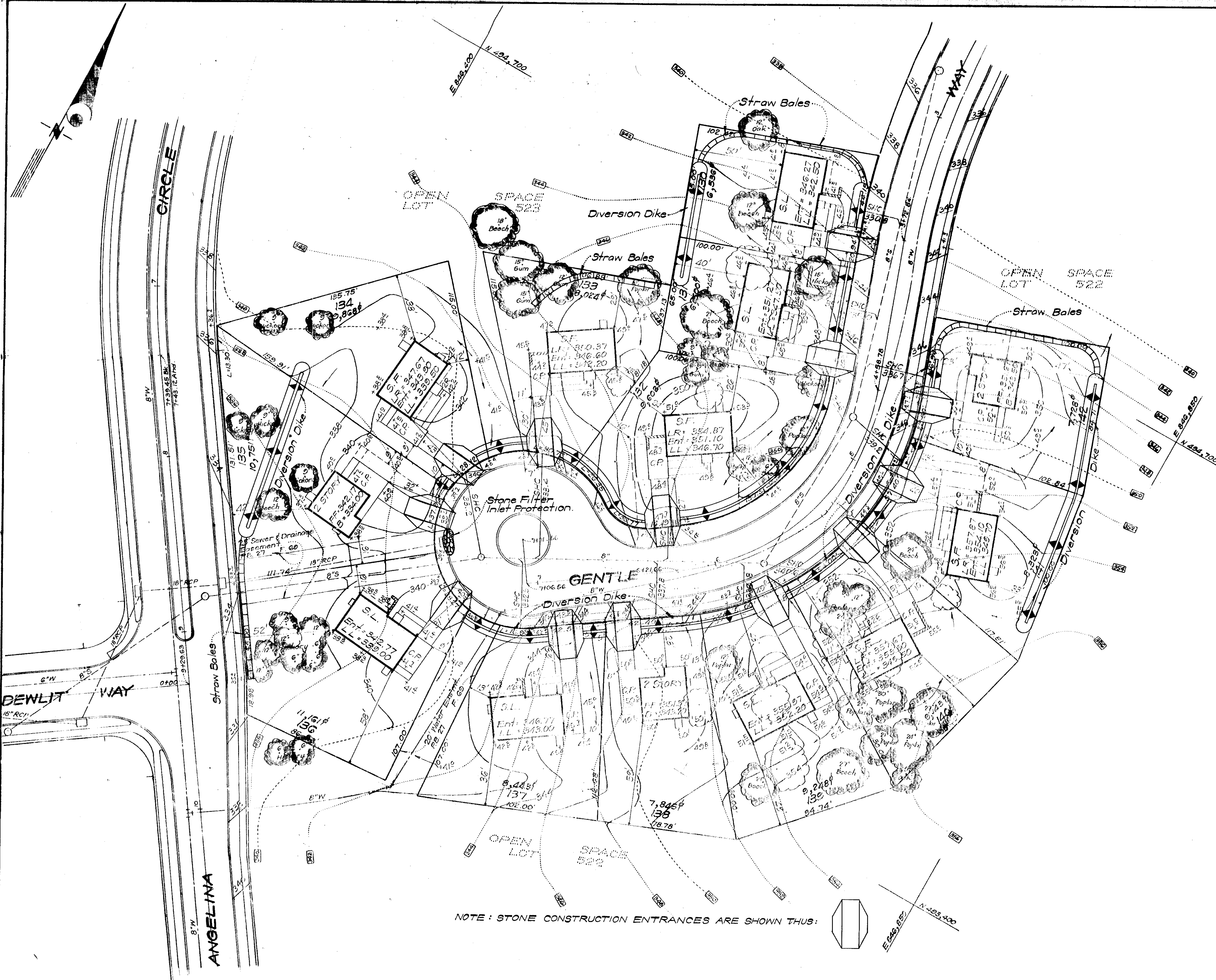
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 12-23-75



<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-9400					
DESIGNED	DBS	<b>SITE DEVELOPMENT PLAN</b> LOTS 130 THRU 153 <b>COLUMBIA</b> VILLAGE OF OWEN BROWN SECTION 4 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE	1" = 30'	
DRAWN	CCM		DRAWING	2 OF 5	
CHECKED	DBS		JOB NO.		
DATE	Oct., 1975		FOR: PORETSKY & STARR, INC. 8401 Connecticut Avenue Chevy Chase, Md. 20815	FILE NO.	1164-X





VICINITY MAP  
SCALE: 1" = 2000'

**LEGEND**

- 1. Contour Interval 2 Ft.
- 2. Existing Contours 340
- 3. Proposed Contours 340
- 4. Spot Elevations +40±
- 5. Direction Of Drainage
- 6. Yard Requirements: Front - 20' On 50' Wide Streets  
Side 7.5' (Min.)
- 7. Existing Trees to be Retained
- 8. Existing Trees to be Removed
- 9. Retaining Walls

**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 146A recorded in Plat Book 28 Folios 42 to 56 and 88 & 89.
- 3. The Area covered in this subdivision is located on Tax Map No. 30.
- 4. The total area included in this plan is 5.023 Acres.
- 5. The land included in this plan is zoned New Town (S.F.M.D.).

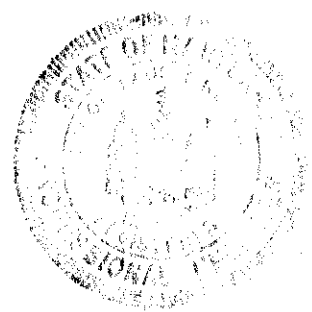
NOTE: STONE CONSTRUCTION ENTRANCES ARE SHOWN THUS:

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER  
 DATE 1/21/76  
 COUNTY OFFICE OF PLANNING & ZONING  
 DATE 1-23-76  
 DATE 1/19/76  
 DATE 1/16/76

Reviewed for HOWARD COUNTY  
 and meet technical requirements  
 Eric W. Harman 1/19/76  
 U.S. Soil Conservation District  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENTATION CONTROL BY THE DISTRICT SOIL CONSERVATION DISTRICT.  
 Robert W. Zelman 1/19/76  
 APPROVED DATE

DEVELOPER'S CERTIFICATE  
 I hereby certify that this plan for Erosion and Sediment Control complies with the provisions of the Maryland Erosion and Sediment Control Act, Chapter 293, Subchapter 10 of the Code of Maryland Annotated Regulations, and that the same complies with the provisions of the Maryland Soil Conservation Act, Chapter 293, Subchapter 11 of the Code of Maryland Annotated Regulations.  
 10-10-75 DATE  
 Signature  
 DATE 10/12/75  
 Signature  
 VERONIC P. FINEFROCK

ENGINEER'S CERTIFICATE  
 I hereby certify that this plan for Erosion and Sediment Control complies with the provisions of the Maryland Erosion and Sediment Control Act, Chapter 293, Subchapter 10 of the Code of Maryland Annotated Regulations, and that the same complies with the provisions of the Maryland Soil Conservation Act, Chapter 293, Subchapter 11 of the Code of Maryland Annotated Regulations.  
 10/12/75 DATE  
 Signature  
 VERONIC P. FINEFROCK

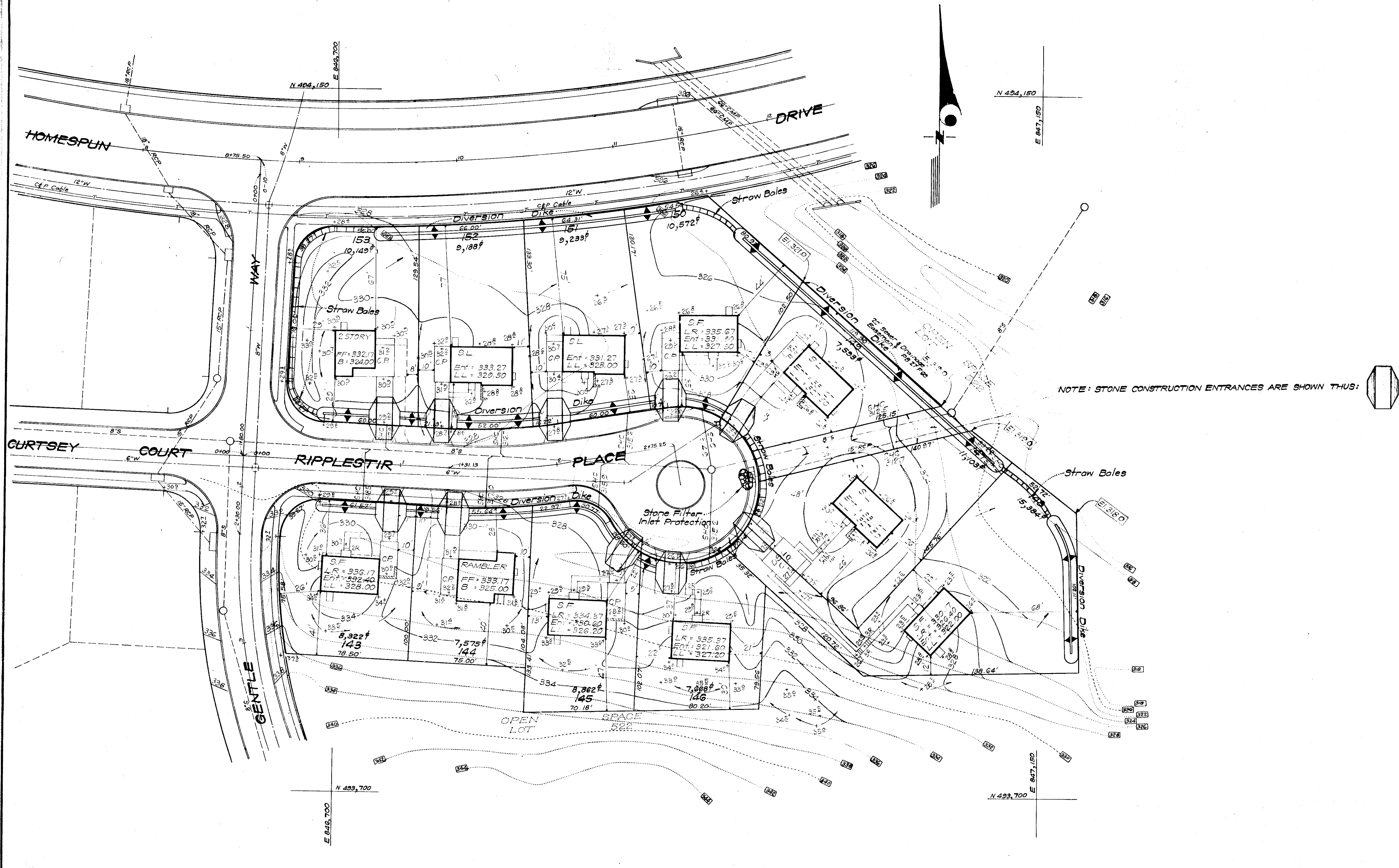


APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 12-23-75

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 27 Folio 65

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11311 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 833-3400		
DESIGNED CCM	<b>SEDIMENT &amp; EROSION CONTROL PLAN</b> <b>LOTS 130 THRU 142</b> <b>COLUMBIA</b> VILLAGE OF OWEN BROWN SECTION 4 AREA 1 16TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: FORETSKY & STARR, INC. 8401 Connecticut Avenue Chevy Chase, Md. 20015	SCALE 1" = 30'
DRAWN CCM		DRAWING 3 OF 5
CHECKED DBS		JOB NO.
DATE Oct., 1975		FILE NO. 1161 SE





NOTE: STONE CONSTRUCTION ENTRANCES ARE SHOWN THUS:

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*Gregory W. ...* 11/21/76  
 COUNTY HEALTH OFFICER  
 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Thomas J. ...* 1-23-76  
 PLANNING DIRECTOR  
 DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORAGE DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*W. O. ...* 1-29-76  
 DIRECTOR  
 DATE

APPROVED FOR HIGHWAY'S  
*W. H. ...* 1/16/76  
 CHIEF BUREAU OF HIGHWAYS  
 DATE

Reviewed for... HOWARD... S.C.D.  
 Name  
 and meets Technical Requirements  
*Eric N. Herman* 1/9/76  
 Signature Date  
 U.S. Soil Conservation Service

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

*Robert W. Ziehm* 1/9/76  
 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 and/or my 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.

10-10-75  
*Edward ...*  
 DATE SIGNATURE

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.

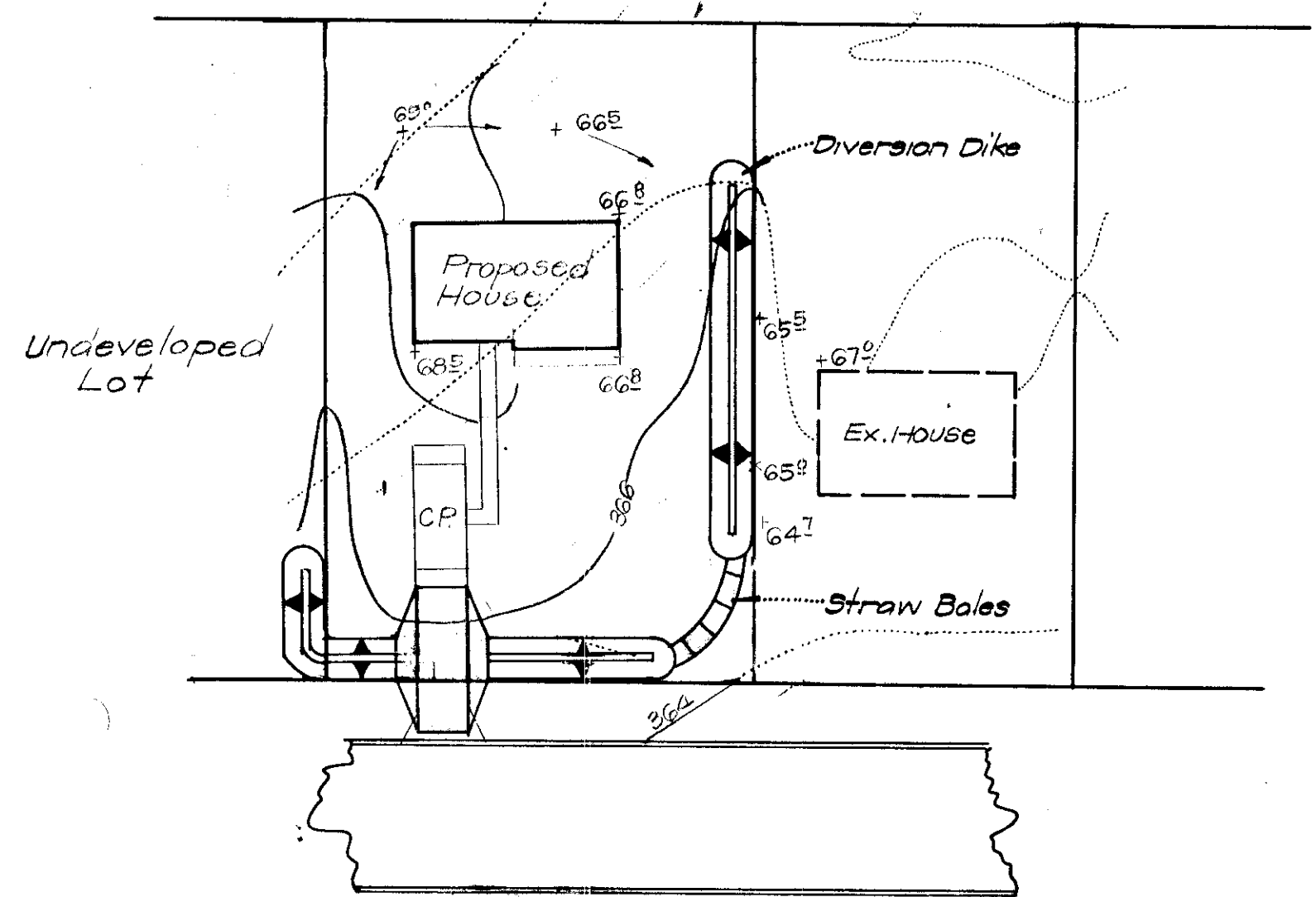
12-23-75  
*Vernon P. Finebrock*  
 DATE SIGNATURE  
 VERNON P. FINEBROCK



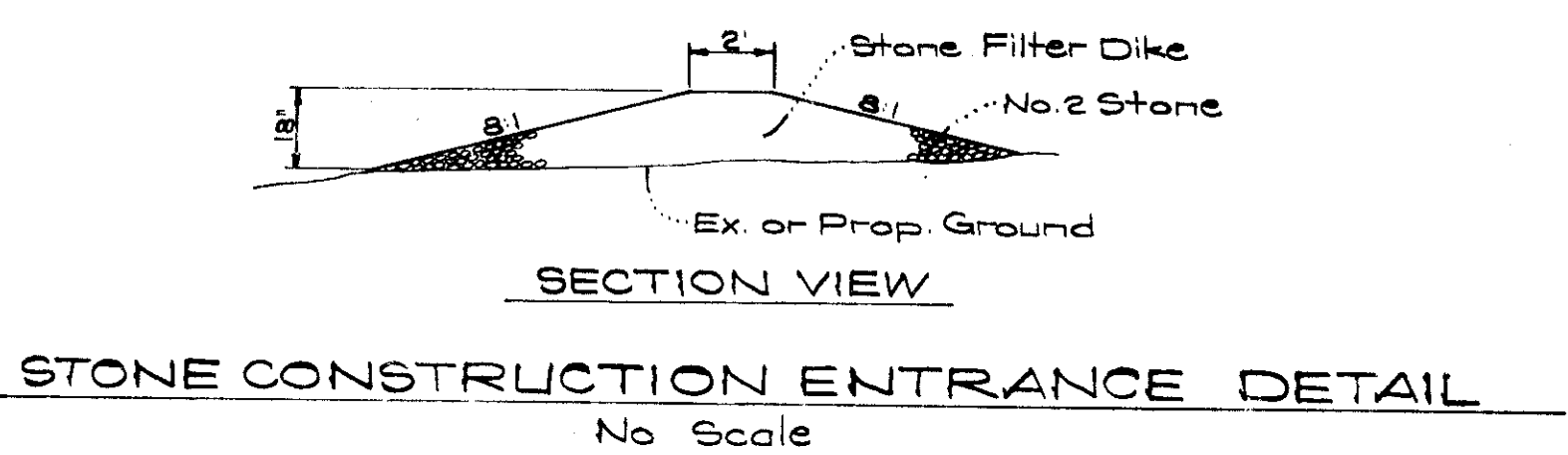
APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 12-23-75

<b>CLARK • FINEBROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 563-2408			
DESIGNED DBS	<b>SEDIMENT &amp; EROSION CONTROL PLAN</b> <b>LOTS 143 THRU 146</b> <b>COLUMBIA</b> <b>VILLAGE OF OWEN BROWN</b> <b>SECTION 4 AREA 1</b> <b>6TH ELECTION DISTRICT</b> <b>HOWARD COUNTY, MARYLAND</b>	SCALE 1" = 30'	
DRAWN CCM		DRAWING 4 OF 5	
CHECKED DBS		JOB NO.	
DATE Oct, 1975		FOR: <b>PORETSKY &amp; STARR, INC.</b> 8401 Connecticut Avenue Chevy Chase, Md. 20015	FILE NO. 1161 SE

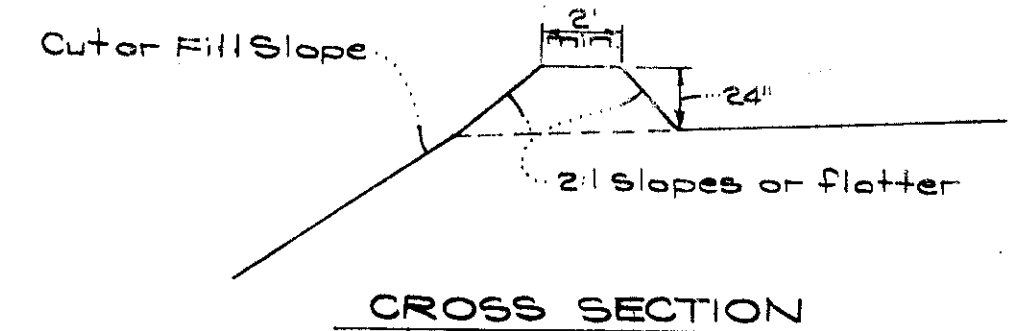




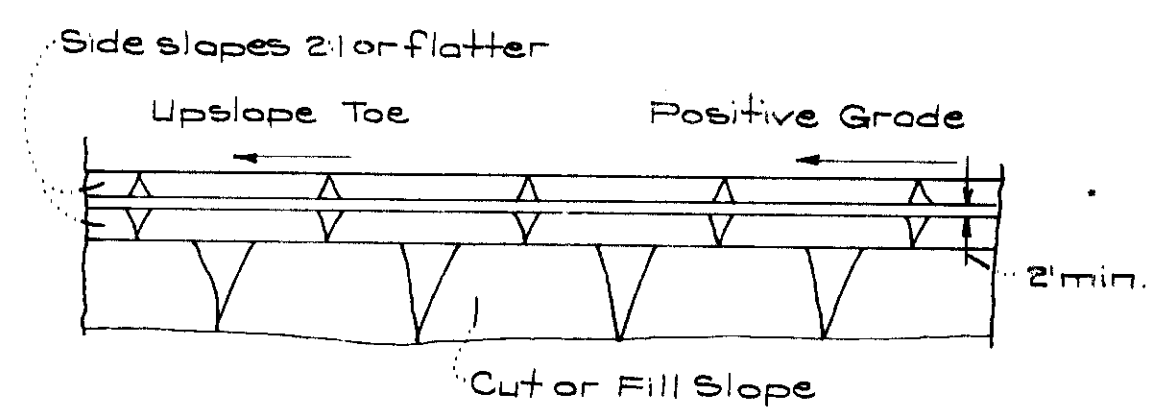
TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN



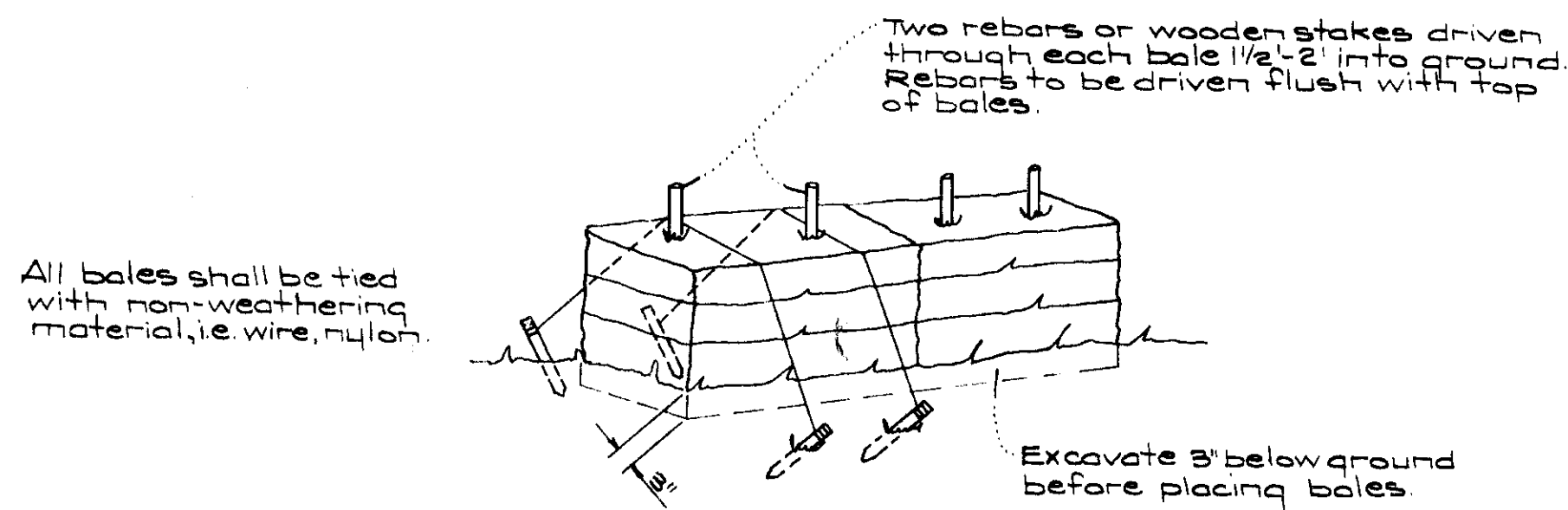
STONE CONSTRUCTION ENTRANCE DETAIL  
No Scale



CROSS SECTION

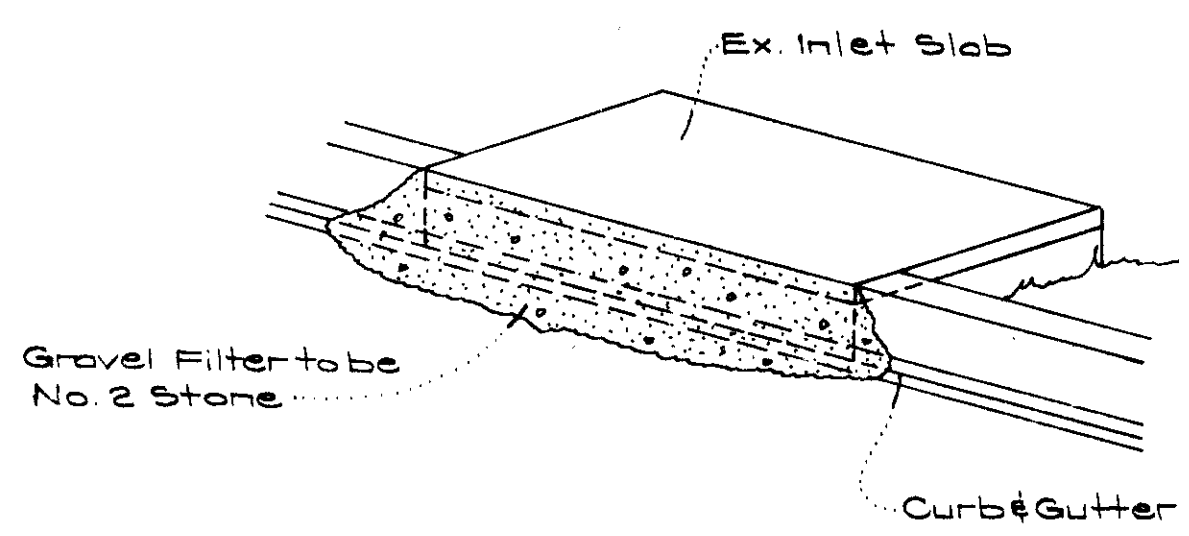


PLAN VIEW  
DIVERSION DIKE  
No Scale

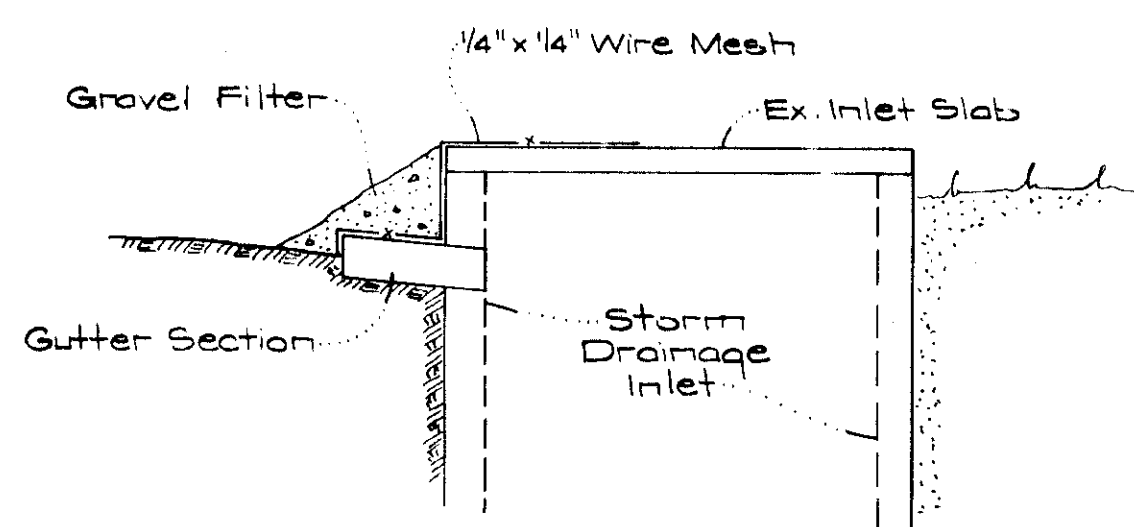


NOTE: In lieu of the use of rebars, each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

TYPICAL STRAW BALE DETAIL  
No Scale



ISOMETRIC VIEW



SECTION VIEW

STONE FILTER INLET PROTECTION DETAIL  
No Scale

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 at the site. See Note #5 for stabilization except that the seed mixture will be Kentucky 31 applied at the rate of 14 lbs/1000 sq ft.
- Notify the Howard Soil Conservation District and the Bureau of Inspections and Permits at least 24 hours before starting any work.
- All sediment 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 2 lbs/1000 sq ft mixture - 40% Kentucky Blue, 20% Chewink Fescue, 20% Kentucky 31, and 20% Annual Ryegrass.
  - Fertilizer - 5-10-10 applied at the rate of 23 lbs/1000 sq ft. Ground agricultural lime or dolomitic lime applied at the rate of 40 lbs/1000 sq ft.
  - Mulch - Weed 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, 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:	5.023 Ac.
Area To Be Roofed:	0.55 Ac.
Area To Be Paved:	0.10 Ac.
Area To Be Seeded:	3.79 Ac.
Area Undisturbed:	0.49 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
  - Construction of all inlets shall be on an "as-sold" basis.
    - Utilizing single lot sediment control plan as shown on this sheet or
    - On a "Bulk Parcel" basis as shown on sheets 3 & 4 of 5.
  - It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to protect previously constructed lots while proceeding with new construction for either (1) or (2) above.
  - Install Sediment & Erosion Control measures as shown on sheets 3 & 4 of 5 or 5 of 5.
    - Excavate for building footings and rough grade.
    - Construct buildings, carports, driveways and sidewalks.
    - Final grade and stabilize in accordance with General Note #5.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT  
*[Signature]* 1/21/76  
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING ZONING and meets Technical Requirements  
*[Signature]* 1-23-76  
 PLANNING DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 1-19-76  
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*[Signature]* 1/16/76  
 CHIEF, BUREAU OF HIGHWAYS DATE

Reviewed for HOWARD Name S.C.D.  
 and meets Technical Requirements  
*[Signature]* 1/14/76  
 Signature Date  
 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: 1/9/76

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.

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.

10-10-75 Date *[Signature]* Signature *[Signature]* Date *[Signature]* Date  
 VERNON P. FINEFROCK



APPROVED  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE: 12-23-75

<b>CLARK • FINEFROCK &amp; SACKETT</b> ENGINEERS • PLANNERS • SURVEYORS 11515 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400			
DESIGNED	CCM	SCALE	As Shown
DRAWN	Suzan	DRAWING	5 OF 5
CHECKED	G.N.C.	JOB NO.	
DATE	Oct., 1975	FILE NO.	1161 SE
FOR: PORETSKY & STARR, INC. 8401 Connecticut Avenue Chevy Chase, Md. 20015			