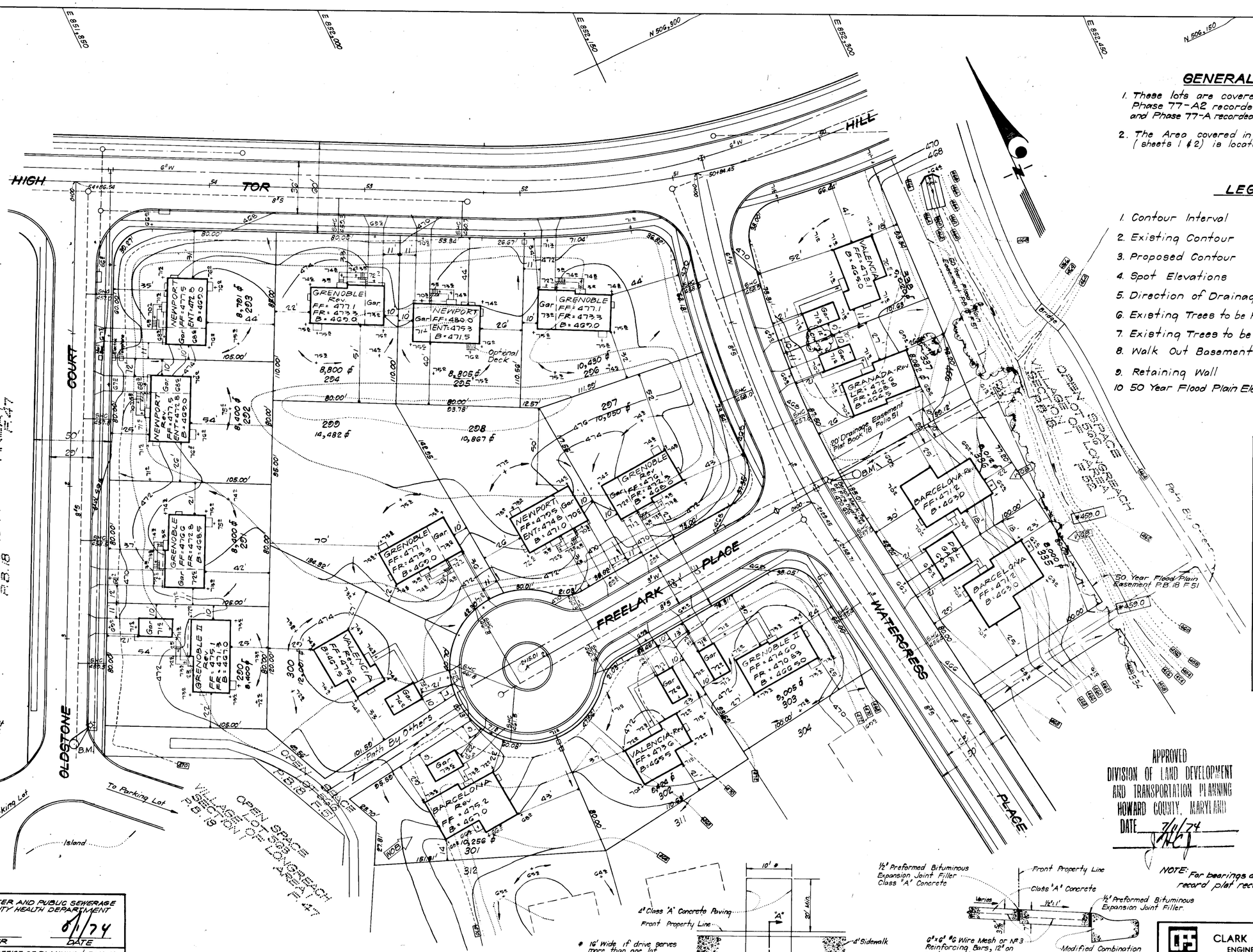
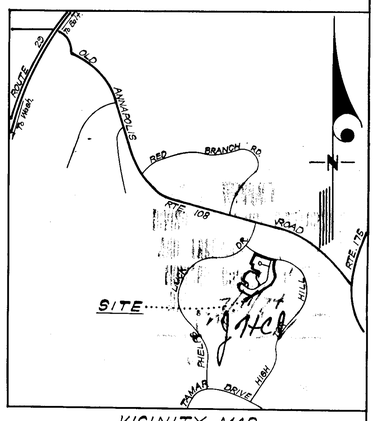
GENERAL NOTES

1. These lots are covered by Final Development Plan Phase 77-A2 recorded in Plat Book 20 Folios 96 & 97 and Phase 77-A recorded in Plat Book 18 Folio 118
2. The Area covered in this submission (sheets 1 & 2) is located on Tax Map №30

LEGEND

1. Contour Interval — 2 Ft.
2. Existing Contour — 470
3. Proposed Contour — 470
4. Spot Elevations — +70.5
5. Direction of Drainage
6. Existing Trees to be Retained
7. Existing Trees to be Removed
8. Walk Out Basement — W.O.B.
9. Retaining Wall
10. 50 Year Flood Plain Elevation — #459.0

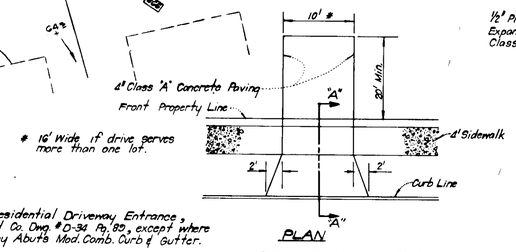




VICINITY MAP
scale : 1" = 2000'

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 7/1/74

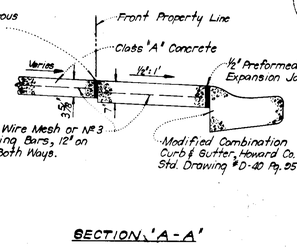
NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 18, Folio 51



* 16' Wide if drive serves more than one lot.

PLAN

NOTE: Use Residential Driveway Entrance, Howard Co. Dwg. #D-34 Pg. 80, except where Driveway Abuts Mod. Comb. Curb & Gutter.



SECTION 'A-A'

DRIVEWAY ABUTTING MOD. COMB. CURB & GUTTER
NO SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
J. B. Grason III — 8/1/74
COUNTY HEALTH OFFICER — DATE

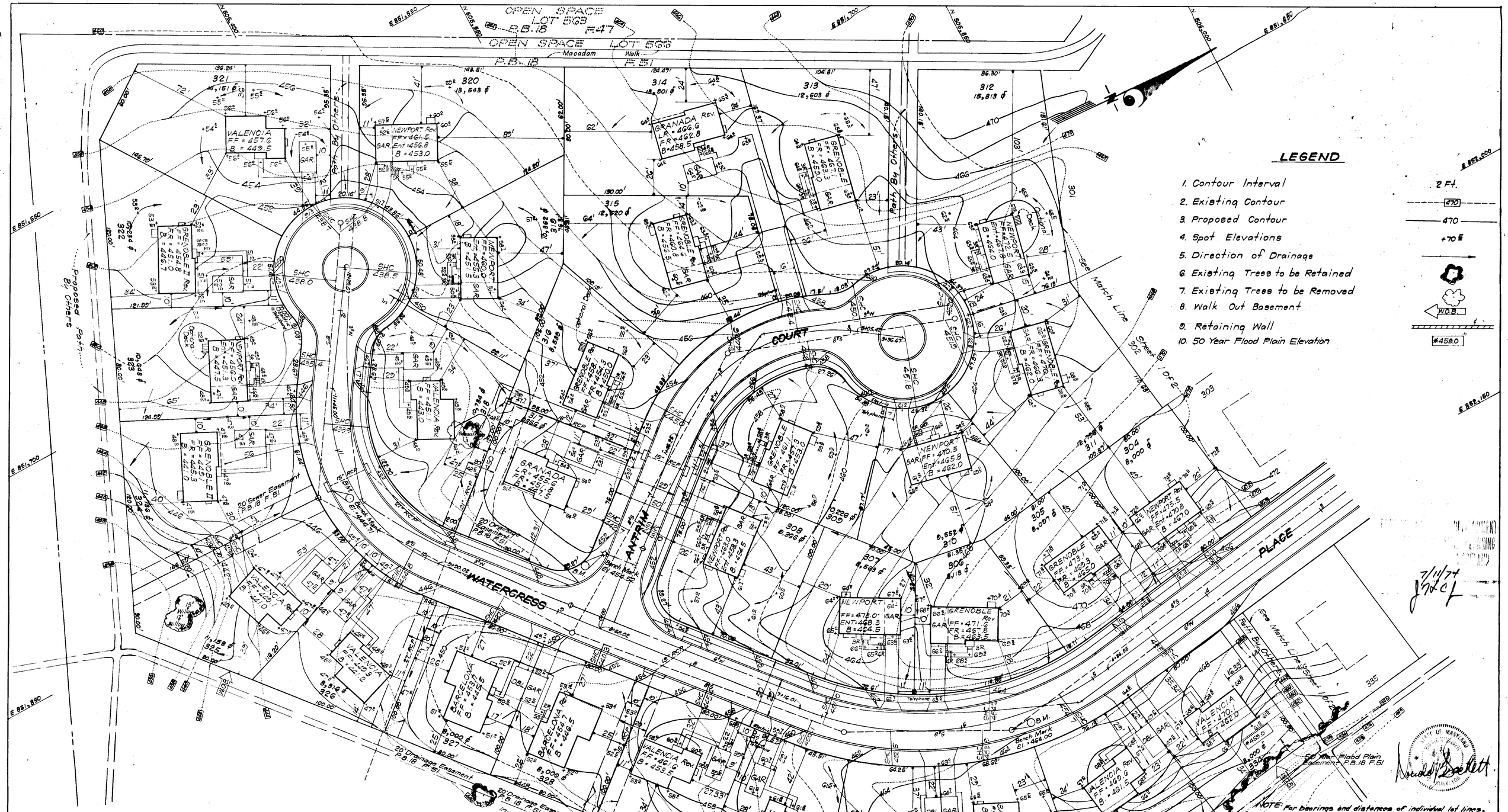
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
Thomas G. Harris — 8/6/74
PLANNING DIRECTOR — DATE
A. H. Clawson — 8/6/74
CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING — DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
William Allen — 7/30/74
DIRECTOR — DATE
D. M. Maitland — 7/30/74
CHIEF BUREAU OF HIGHWAYS — DATE

18 Lots

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

DESIGNED W.R.MG	DEVELOPMENT PLAN LOTS 290 THRU 303 & 335 THRU 338	SCALE 1" = 80'
DRAWN R.P.R.	COLUMBIA VILLAGE OF LONGREACH	DRAWING 1 OF 2
CHECKED W.R.MG	SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE May, 1974	FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 V.O.M. Office Building Columbia, Maryland 21043	FILE NO. 1038-X



NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 18, Folio 51

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER	8/1/74 DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

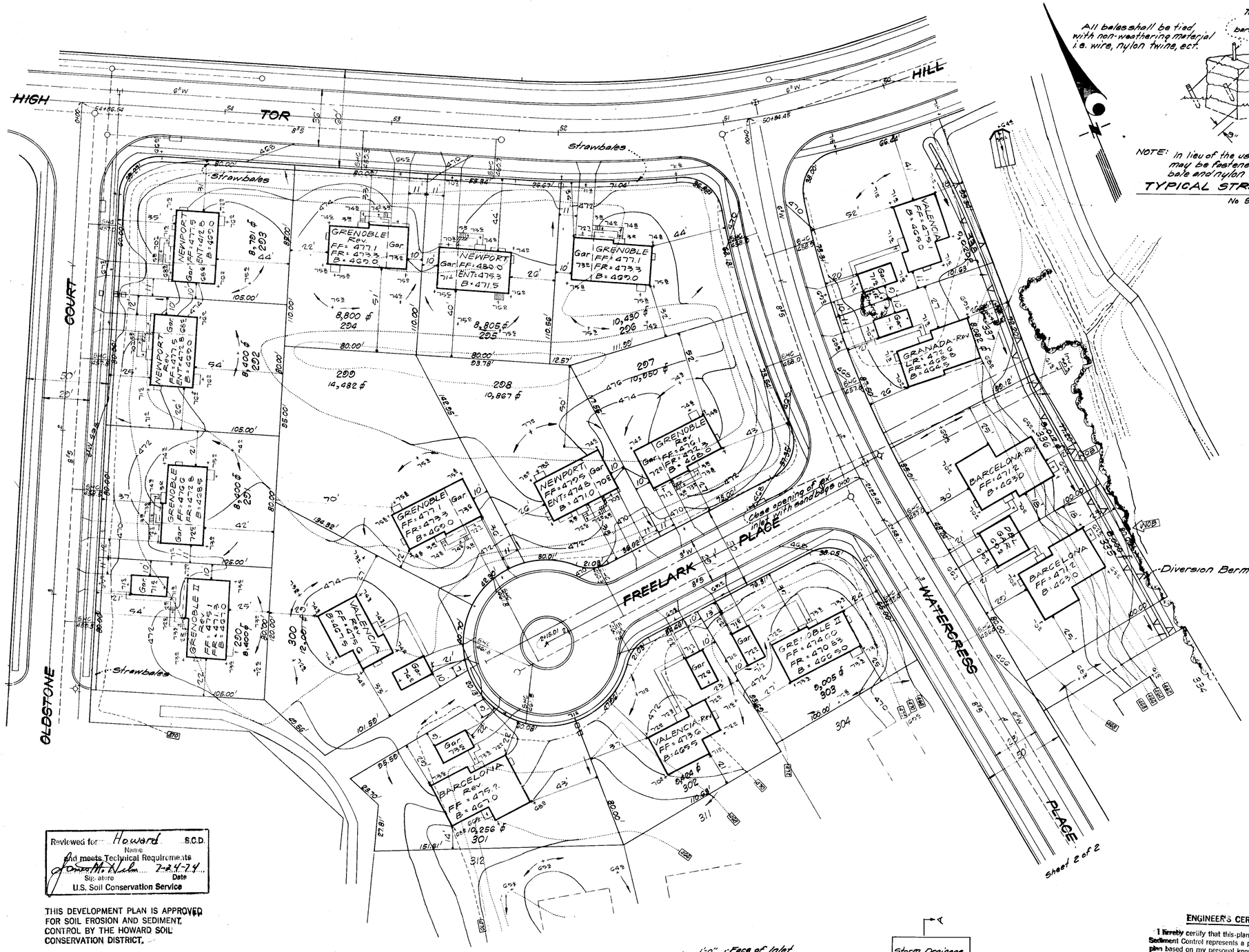
PLANNING DIRECTOR	8/14/74 DATE
CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING	8/14/74 DATE

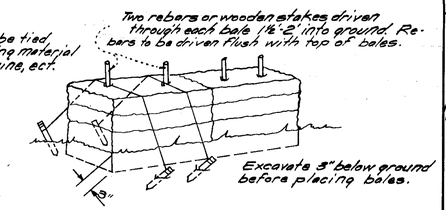
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR	7/30/74 DATE
CHIEF BUREAU OF HIGHWAYS	7/30/74 DATE

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

DESIGNED W.R.Mc	DEVELOPMENT PLAN LOTS 304 THRU 334	SCALE 1"=30'
DRAWN C.C.M.	**COLUMBIA** VILLAGE OF LONGREACH	DRAWING 2 of 2
CHECKED W.R.Mc	SECTION 1 - AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE May, 1974	FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 V.O.M. Office Building Columbia, Maryland 21043	FILE NO. 1039-X

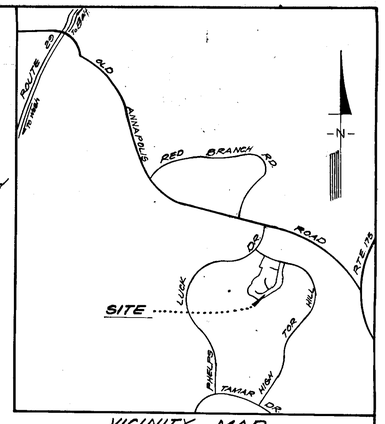




NOTE: In lieu of the use of rebars each strawbale may be fastened to ground with pegs (2 per bale and nylon twine as shown above).

TYPICAL STRAWBALE DETAIL

No Scale



VICINITY MAP

Scale: 1" = 2000'

GENERAL NOTES

1. 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.
2. Notify the Howard Soil Conservation District at least 24 hours before starting any work.
3. 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.
4. Stabilization of disturbed ground to be done as soon after construction as possible.
5. All graded areas shall be treated in accordance with the following specifications:
   a. Seed - certified 85% germination applied at the rate of 3 lbs./1000 ft²; mixture: 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% Annual Rye.
   b. Fertilizer - 5-10-10 applied at the rate of 23 lbs./1000 ft² and ground agricultural lime or dolomitic lime applied at the rate of 46 lbs./1000 ft².
   c. Mulch - Weed free grain straw applied at the rate of 70 lbs./1000 ft². Mulch shall be secured to the ground by any approved method, i.e. asphalt tacks, chemical binder, wood chips, etc.
6. 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.
7. Onsite inspection and maintenance of all sediment control measures including cleanout of sediment traps and berms, 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
8. Protection of stabilized lots from sediment runoff shall be provided by the use of an approved sediment control device i.e. stone filter berms, straw bale, etc.
9. At the end of each construction day, strawbales are to be replaced across all construction entrances to lots, where shown on plans.

Reviewed for Howard S.C.D.
Name
and meets Technical Requirements
Signature Date 7-24-74
U.S. Soil Conservation Service

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

Approved Robert W. Zuehlke Date 7-24-74

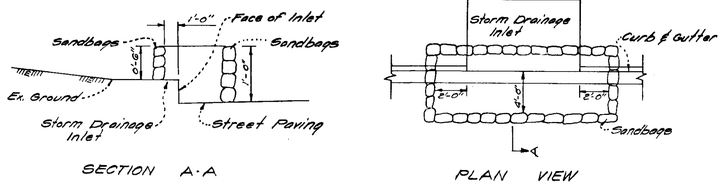
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR — DATE
CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING — DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR — DATE
CHIEF BUREAU OF HIGHWAYS — DATE 7/30/74

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.

6-5-74 Date — Signature



SECTION A-A — PLAN VIEW

DETAIL OF SANDBAG BLOCKING OF EX. STORM DRAINAGE INLETS

No Scale

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.

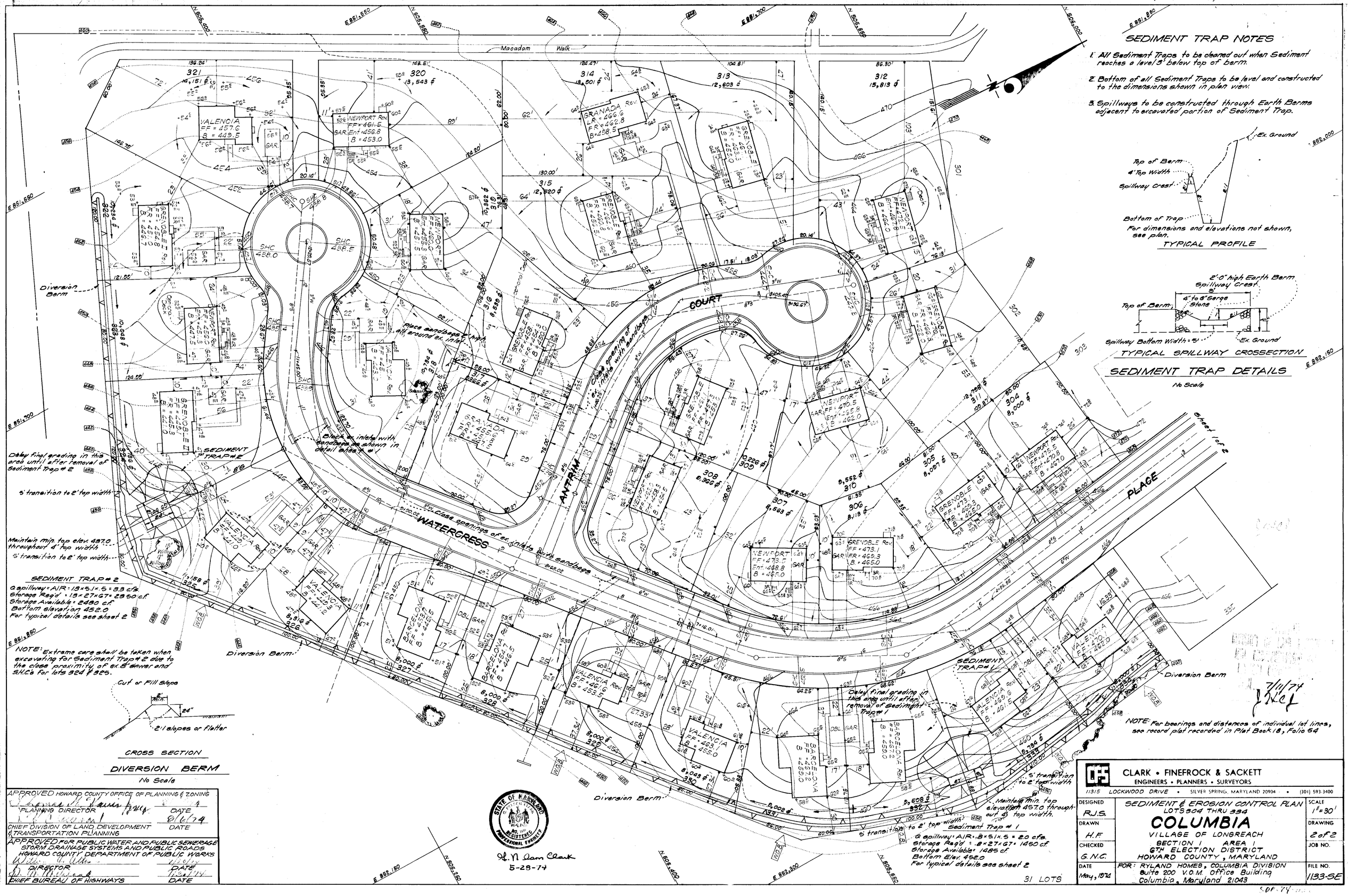
5-28-74 Date — G. Nelson Clark

STATE OF MARYLAND — No. 10000 — PROFESSIONAL ENGINEER

7/11/74

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

DESIGNED R.J.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 290 Thru 308, 335 Thru 338	SCALE 1"=30'
DRAWN H.F.	COLUMBIA VILLAGE OF LONGREACH	DRAWING 1 of 2
CHECKED G.N.C.	SECTION 1, AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE May, 1974	FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 V.O.M. Office Building Columbia, Maryland 21045	FILE NO. 1183-SE



SEDIMENT TRAP NOTES

1. All Sediment Traps to be cleaned out when Sediment reaches a level 3' below top of berm.
2. Bottom of all Sediment Traps to be level and constructed to the dimensions shown in plan view.
3. Spillways to be constructed through Earth Berms adjacent to excavated portion of Sediment Trap.

TYPICAL PROFILE

TYPICAL SPILLWAY CROSSECTION

SEDIMENT TRAP DETAILS

No Scale

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 18, Folio 54

NOTE: Extreme care shall be taken when excavating for Sediment Trap #2 due to the close proximity of ex. 8" sewer and S.H.C's for lots 324 & 325.

CROSS SECTION

DIVERSION BERM

No Scale

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

PLANNING DIRECTOR — DATE

CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING — DATE 8/6/74

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE

CHIEF BUREAU OF HIGHWAYS — DATE

STATE OF MARYLAND — REGISTERED PROFESSIONAL ENGINEER

L. N. Sam Clark
5-28-74

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

DESIGNED R.J.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 304 THRU 334	SCALE 1" = 30'
DRAWN H.F.	COLUMBIA	DRAWING 2 of 2
CHECKED G.N.C.	VILLAGE OF LONGREACH SECTION 1 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE May, 1974	FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 V.O.M. Office Building Columbia, Maryland 21043	FILE NO. 1133-SE