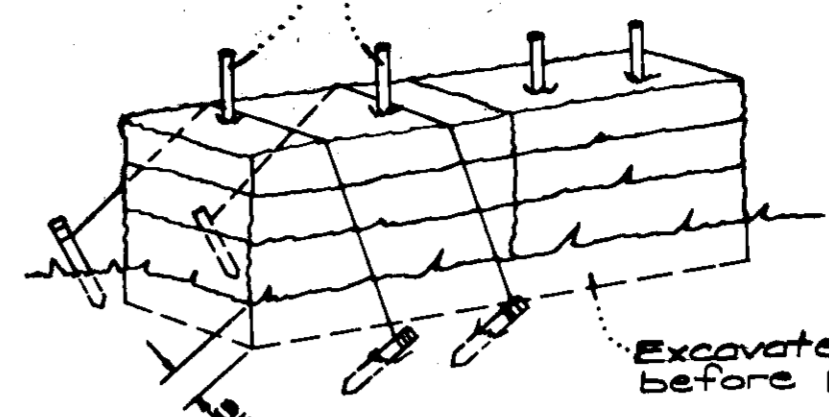
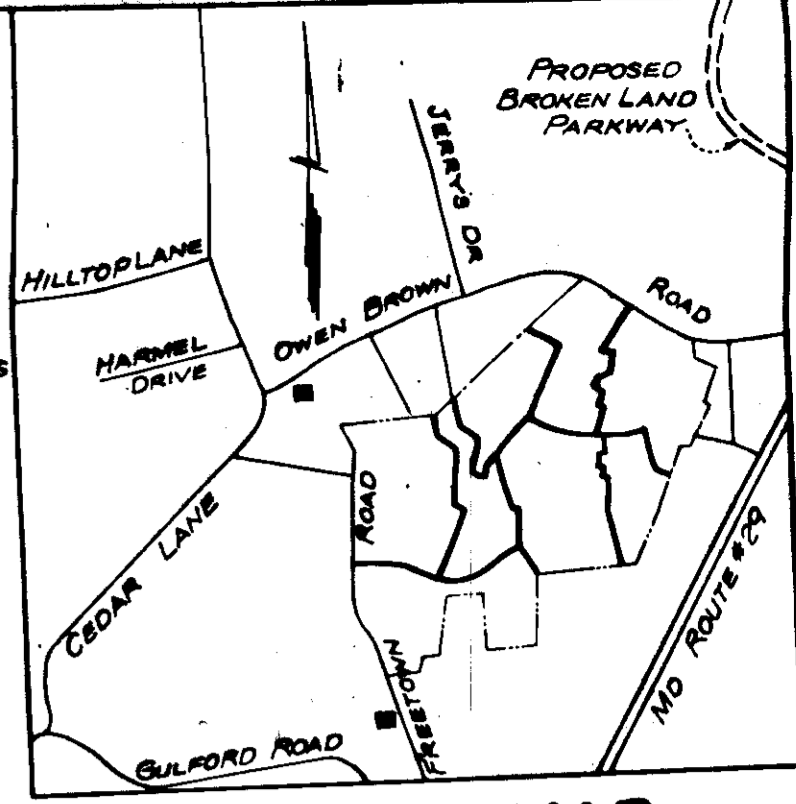


Two rebars or wooden stakes driven through each bale 1 1/2'-2' into ground. Rebars to be driven flush with top of bales.



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

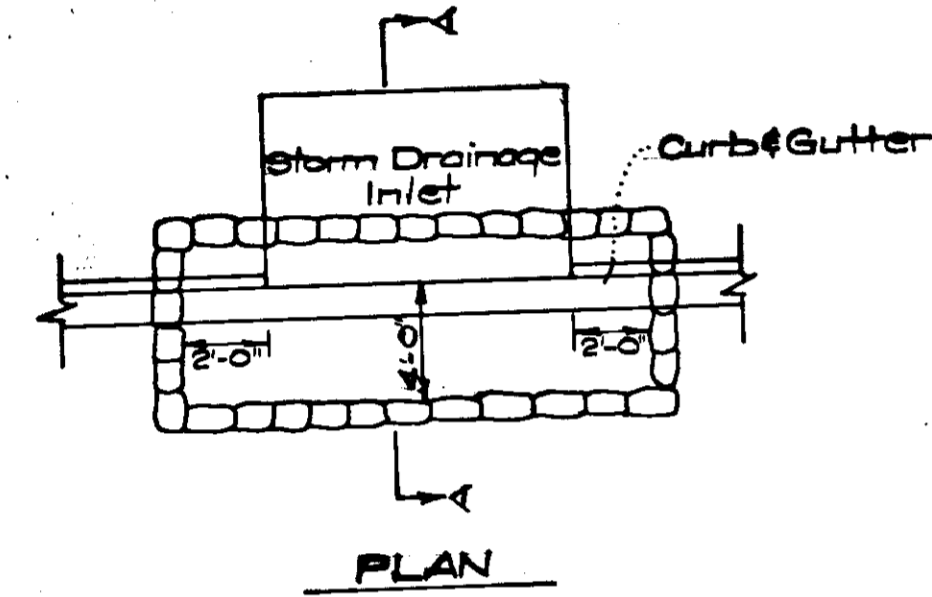
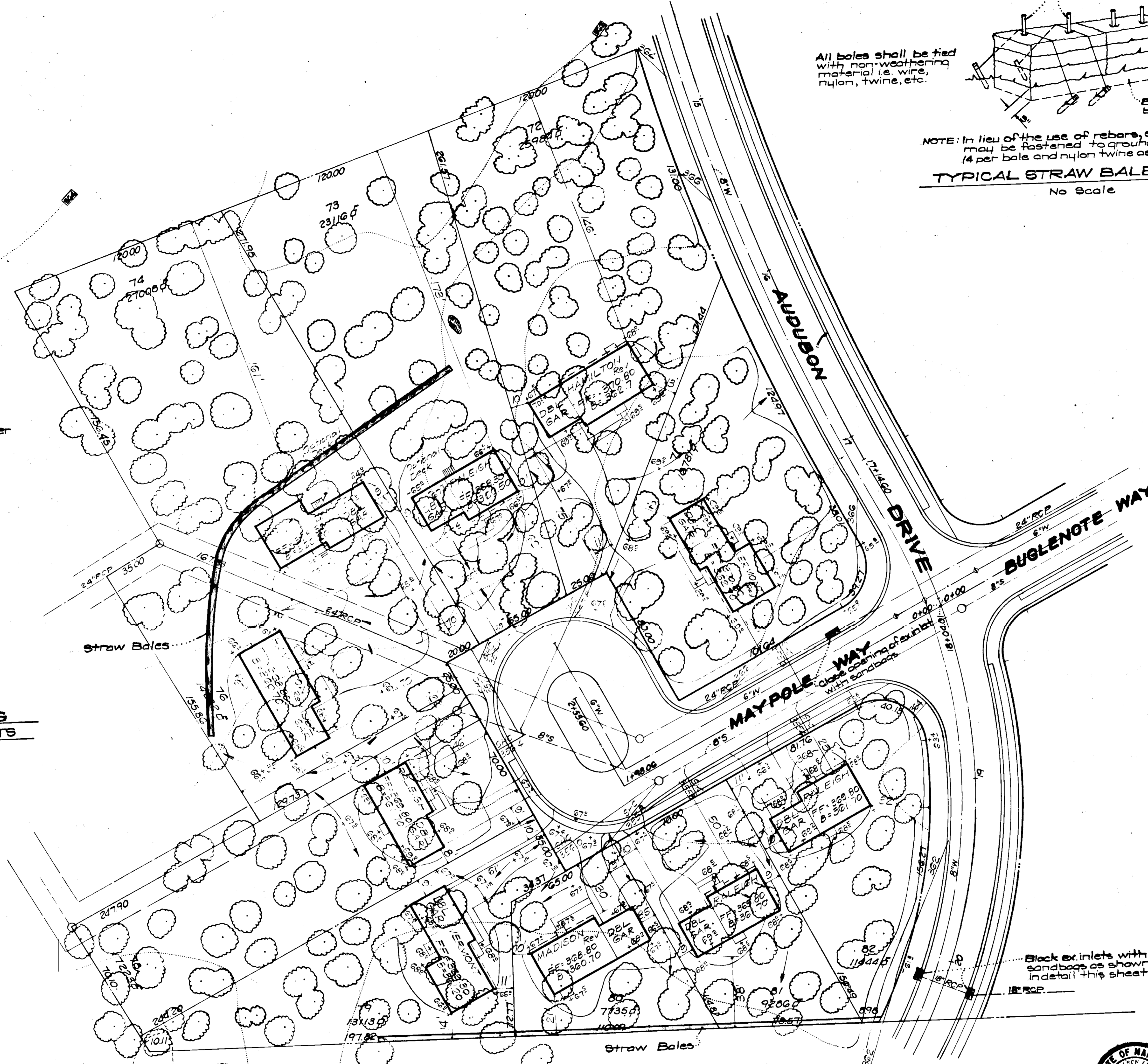
TYPICAL STRAW BALE DETAIL
No Scale



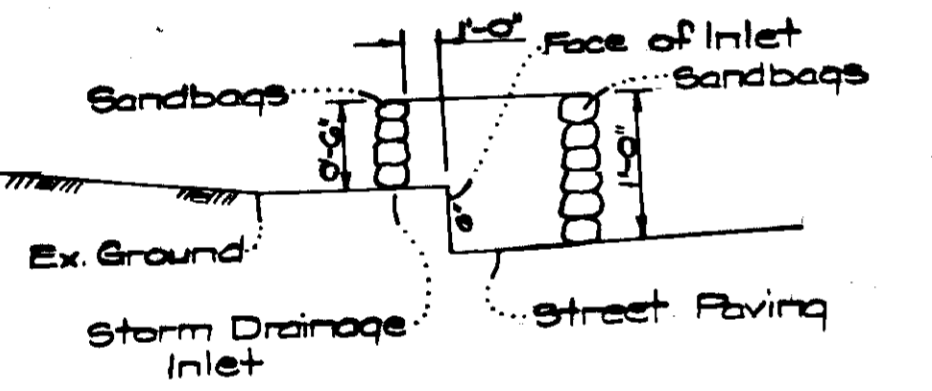
VICINITY MAP
1" = 200'

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.
- Notify the Howard Soil Conservation District 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 3 lbs./1000 sq 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 sq ft and 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.
- 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.
- 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.
- All storm drainage inlets shall be closed with sandbags or blocked as per detail this sheet. Trapped sediment shall be removed from paved areas and placed in an appropriate location so as not to cause additional sediment problems.



PLAN



SECTION A-A

DETAIL OF SANDBAG BLOCKING OF EX. STORM DRAINAGE INLETS
No Scale

Reviewed for Howard SCD.
Name
Signature James M. Kirk 9-23-74 Date
U.S. Soil Conservation Service

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

Approved Richard J. ... Date 9-23-74

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR
DATE 10-1-74

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DATE 9-23-74

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.

PLAN
Scale: 1" = 30'

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.

6-11-74 Date
G. Nelson Clark



Plot Reference: Plot Book 25 Folio 93

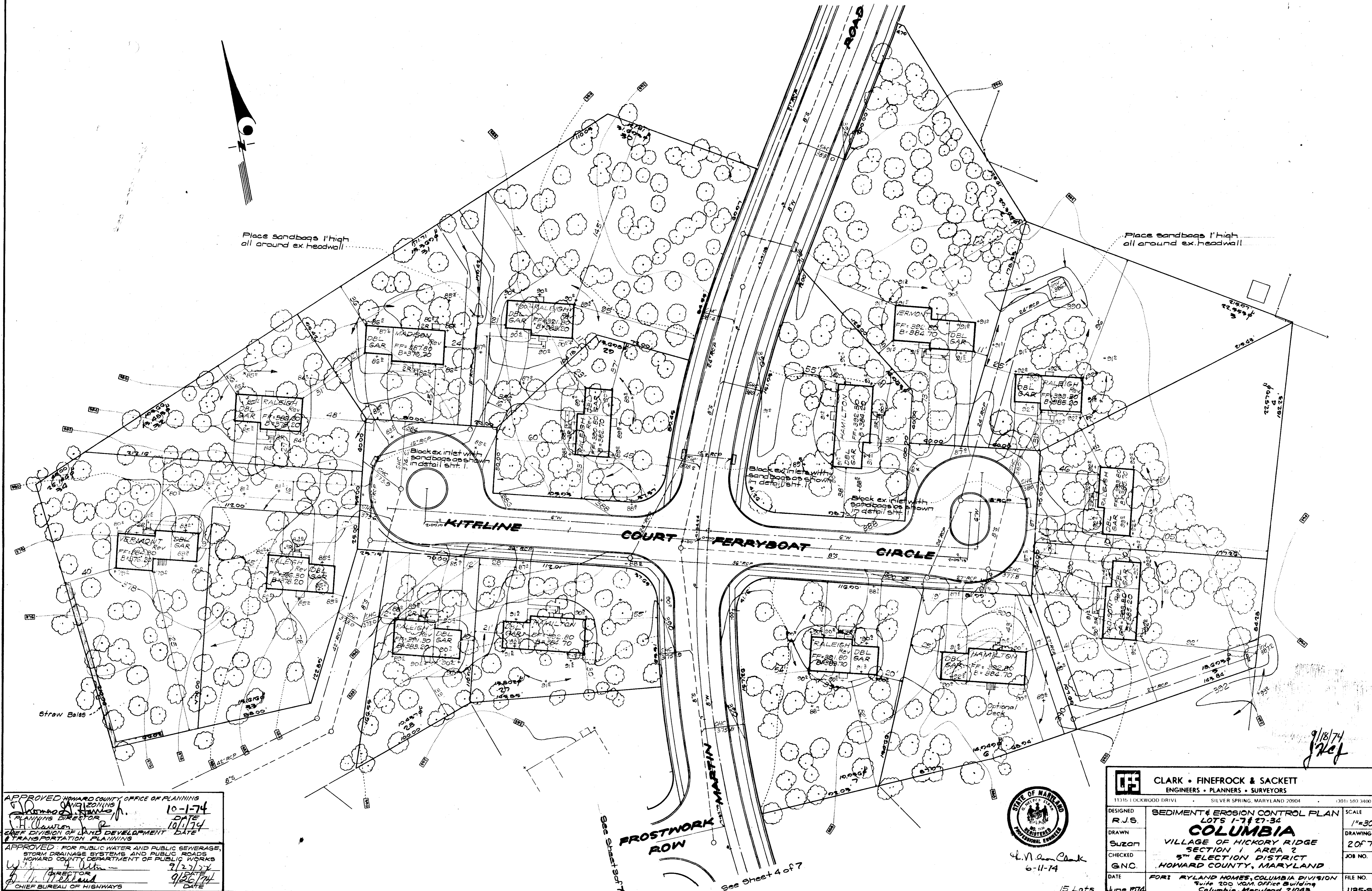
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 1117 LARKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		SCALE As Shown
DESIGNED R.J.S.	SEDIMENT & EROSION CONTROL PLAN LOTS 71 THRU 74, 76 & 78 THRU 82	
DRAWN Suzan	COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 2	
CHECKED G.N.C.	5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
DATE June, 1974	FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 V.O.M. Office Building Columbia, Maryland 21043	
	10 Lots	FILE NO. 1135

SDP-75-02-C



Place sandbags 1' high
all around ex. headwall

Place sandbags 1' high
all around ex. headwall



APPROVED HOWARD COUNTY OFFICE OF PLANNING
 ZONING
 PLANNING DIRECTOR
 DATE 10-1-74
 10/1/74
 CHIEF DIVISION OF LAND DEVELOPMENT
 & TRANSPORTATION PLANNING
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 9/27/74
 CHIEF BUREAU OF HIGHWAYS
 DATE 9/26/74

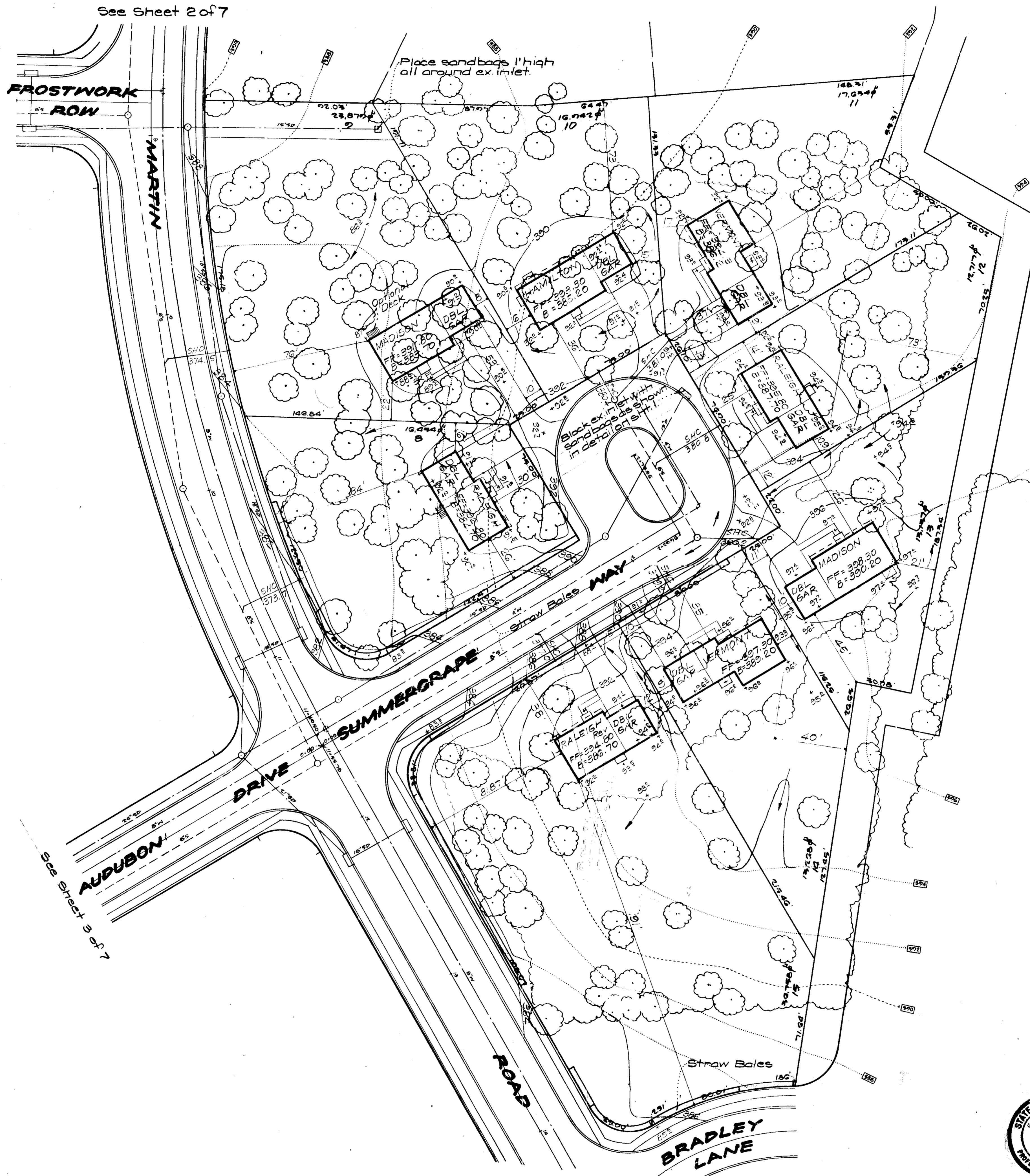


Ch. N. Am. Check
6-11-74

		CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS	
11315 LOCKWOOD DRIVE		SILVER SPRING, MARYLAND 20904	
DESIGNED R.J.S.		BEDIMENT & EROSION CONTROL PLAN LOTS 1-7 & 27-34 COLUMBIA	
DRAWN SUZAN		VILLAGE OF HICKORY RIDGE SECTION 1 AREA 2	
CHECKED G.N.C.		5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
DATE June, 1974		FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 VGM, Office Building Columbia, Maryland 21043	
SCALE 1"=30'		DRAWING 20 OF 7	
JOB NO.		FILE NO. 1185-9E	

See Sheet 2 of 7

See Sheet 3 of 7



APPROVED HOWARD COUNTY OFFICE OF PLANNING
 PLANNING DIRECTOR
 DATE 10-1-74

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR
 DATE 9/26/74

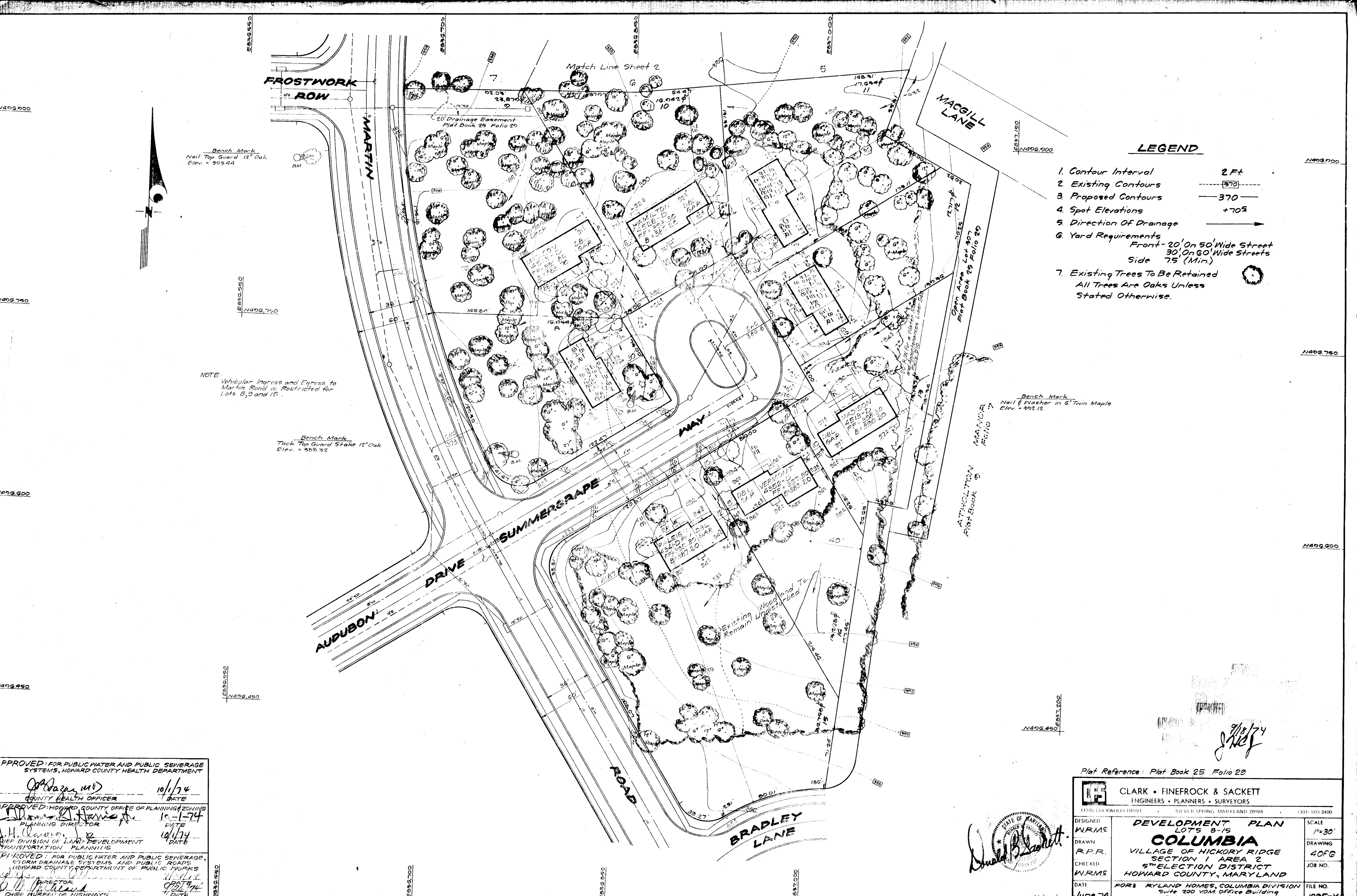


6-11-74

8 Lots

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LUXWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400		
DESIGNED	R.J.S.	SCALE 1"=30'
DRAWN	SUZON	DRAWING 40F7
CHECKED	G.N.C.	JOB NO.
DATE	JUNE, 1974	FILE NO. 1B5-6E
FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 VOM Office Building Columbia, Maryland 21043		

9/18/74
 J. N. Clark



Bench Mark
Nail Top Guard 12" Oak
Elev. = 393.44

NOTE
Vehicular Ingress and Egress to
Martin Road is Restricted for
Lots 8, 9 and 15.

Bench Mark
Tuck Top Guard Stake 12" Oak
Elev. = 398.32

Bench Mark
Nail & Washer in 6" Twin Maple
Elev. = 392.12

- LEGEND**
1. Contour Interval 2 Ft
 2. Existing Contours - - - - -
 3. Proposed Contours - - - - -
 4. Spot Elevations +70±
 5. Direction Of Drainage →
 6. Yard Requirements
Front - 20' On 50' Wide Street
30' On 60' Wide Streets
Side 7.5' (Min.)
 7. Existing Trees To Be Retained
All Trees Are Oaks Unless
Stated Otherwise.

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

J. J. ... 10/1/74
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
D. J. ... 10-1-74
PLANNING DIRECTOR DATE

J. H. ... 10/1/74
CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING DATE

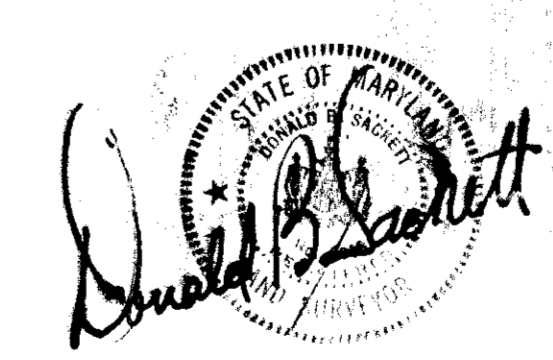
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

W. H. ... 11/1/74
DIRECTOR DATE

D. W. ... 11/1/74
CHIEF BUREAU OF HIGHWAYS DATE

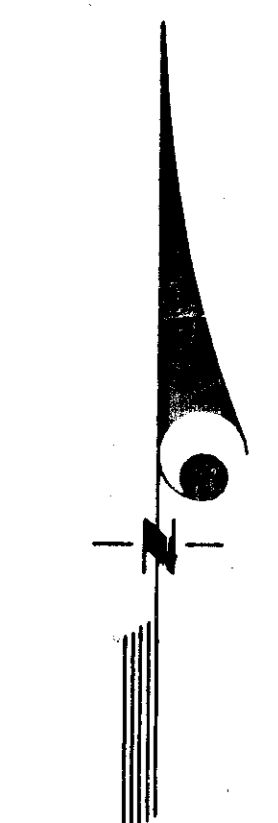
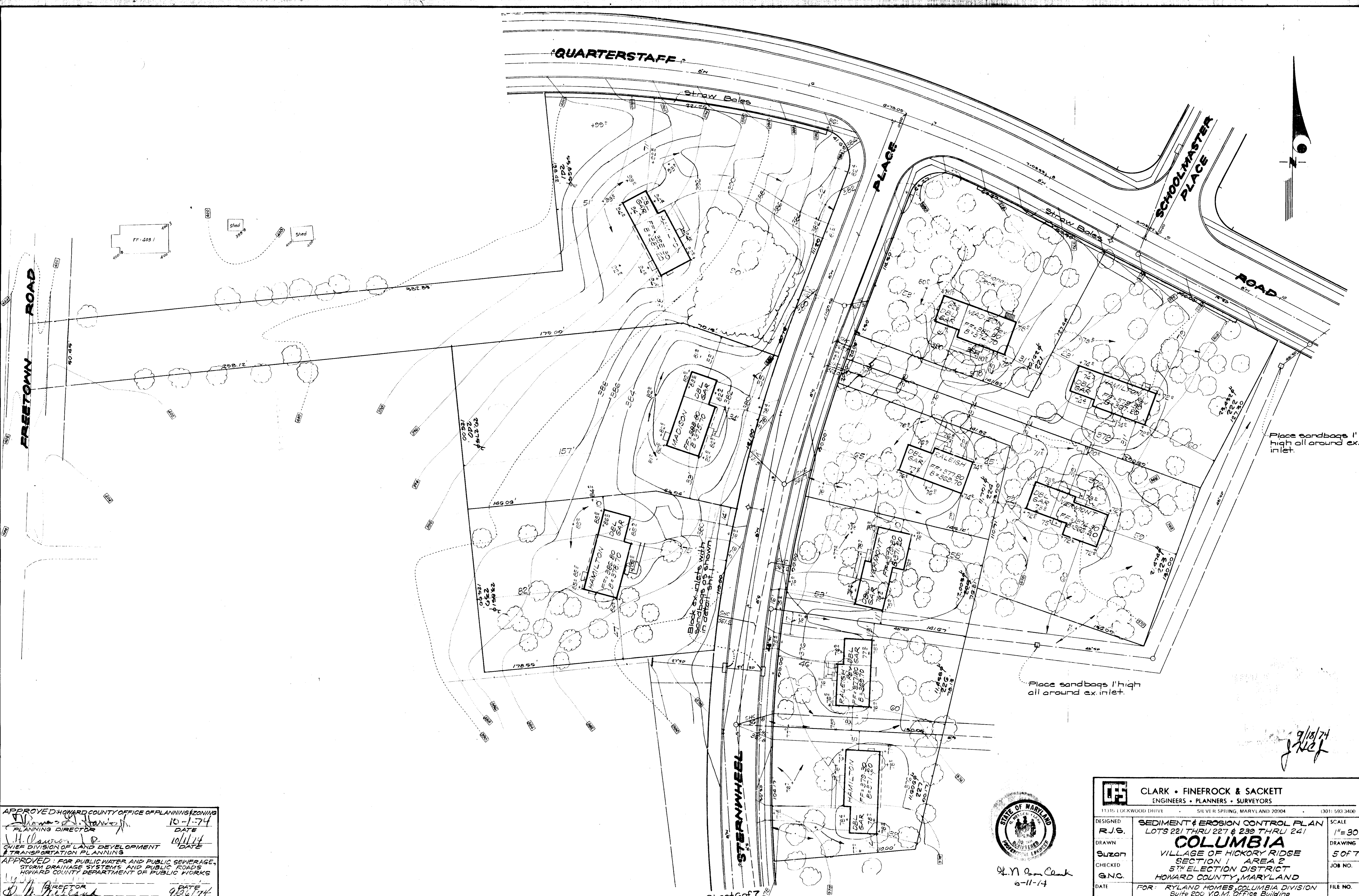
Plat Reference: Plat Book 25 Folio 29

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SUITE 200 WASHINGTON, MARYLAND 20004 (301) 503-3400		
DESIGNED WRME DRAWN R.P.R. CHECKED WRME DATE June 74	DEVELOPMENT PLAN LOTS 8-15 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 2 SELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 VOM Office Building Columbia, Maryland 21043	SCALE 1"=30' DRAWING 40FG JOB NO. FILE NO. 1095-X



9/18/74
J. J. ...

8 Lots



APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE 10-1-74
 H. Lawson
 CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING
 DATE 10/1/74

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 9/26/74
 CHIEF BUREAU OF HIGHWAYS



H. N. Clark
 6-11-74

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11115 LORIKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400			
DESIGNED	R.J.G.	SEDIMENT & EROSION CONTROL PLAN	SCALE
DRAWN	Suzan	LOTS 221 THRU 227 & 239 THRU 241	1"=30'
CHECKED	G.N.C.	COLUMBIA	DRAWING
DATE	June, 1974	VILLAGE OF HICKORY RIDGE	5 OF 7
		SECTION 1 AREA 2	JOB NO.
		5TH ELECTION DISTRICT	
		HOWARD COUNTY, MARYLAND	
		FOR: RYLAND HOMES, COLUMBIA DIVISION	FILE NO.
		Suite 200 V.O.M. Office Building	1135-SE
		Columbia, Maryland 21043	

Place sandbags 1' high all around ex. inlet.

Place sandbags 1' high all around ex. inlet.

9/18/74
 J. Clark

See Sheet G of 7

LEGEND

1. Contour Interval 2 Ft
2. Existing Contours 370
3. Proposed Contours 370
4. Spot Elevations +70%
5. Direction Of Drainage
6. Yard Requirements
Front- 20' On 50' Wide Streets
30' On 60' Wide Streets
Side 7.5' (Min.)
7. Existing Trees To Be Retained
All Trees Are Oaks Unless Stated Otherwise.

EB34.450

EB34.470

EB34.500

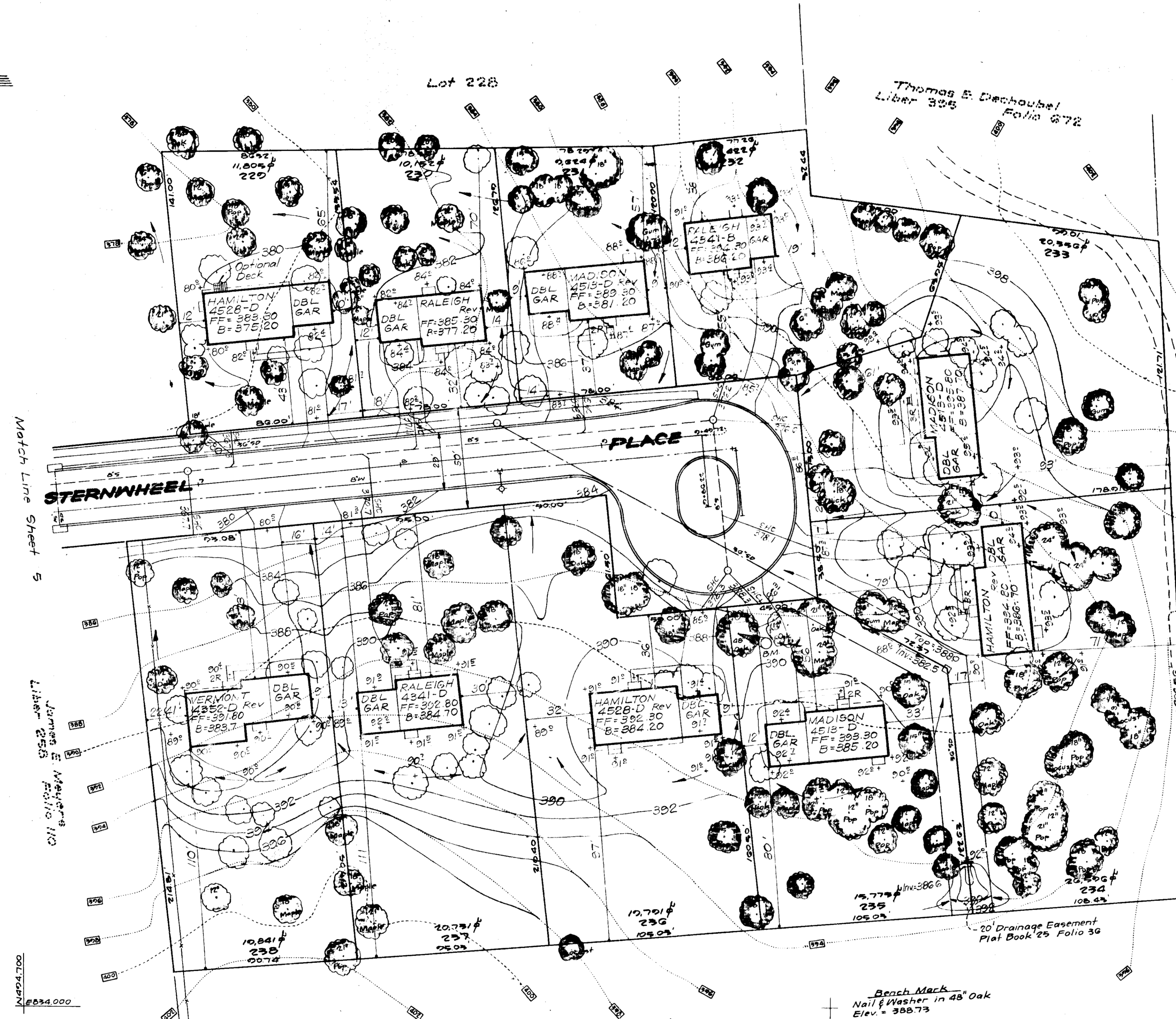
EB34.500

EB34.550

EB34.550

EB34.600

EB34.600



NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plat Book 25 Folio 36

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

M. Mason, MD 10/1/74
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
W. H. Hamilton, Jr. 10-1-74
PLANNING DIRECTOR DATE

H. Hamilton 10/1/74
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

W. H. Hamilton 9/26/74
DIRECTOR DATE

W. H. Hamilton
CHIEF BUREAU OF HIGHWAYS

James W. King
Liber 418 Folio 431

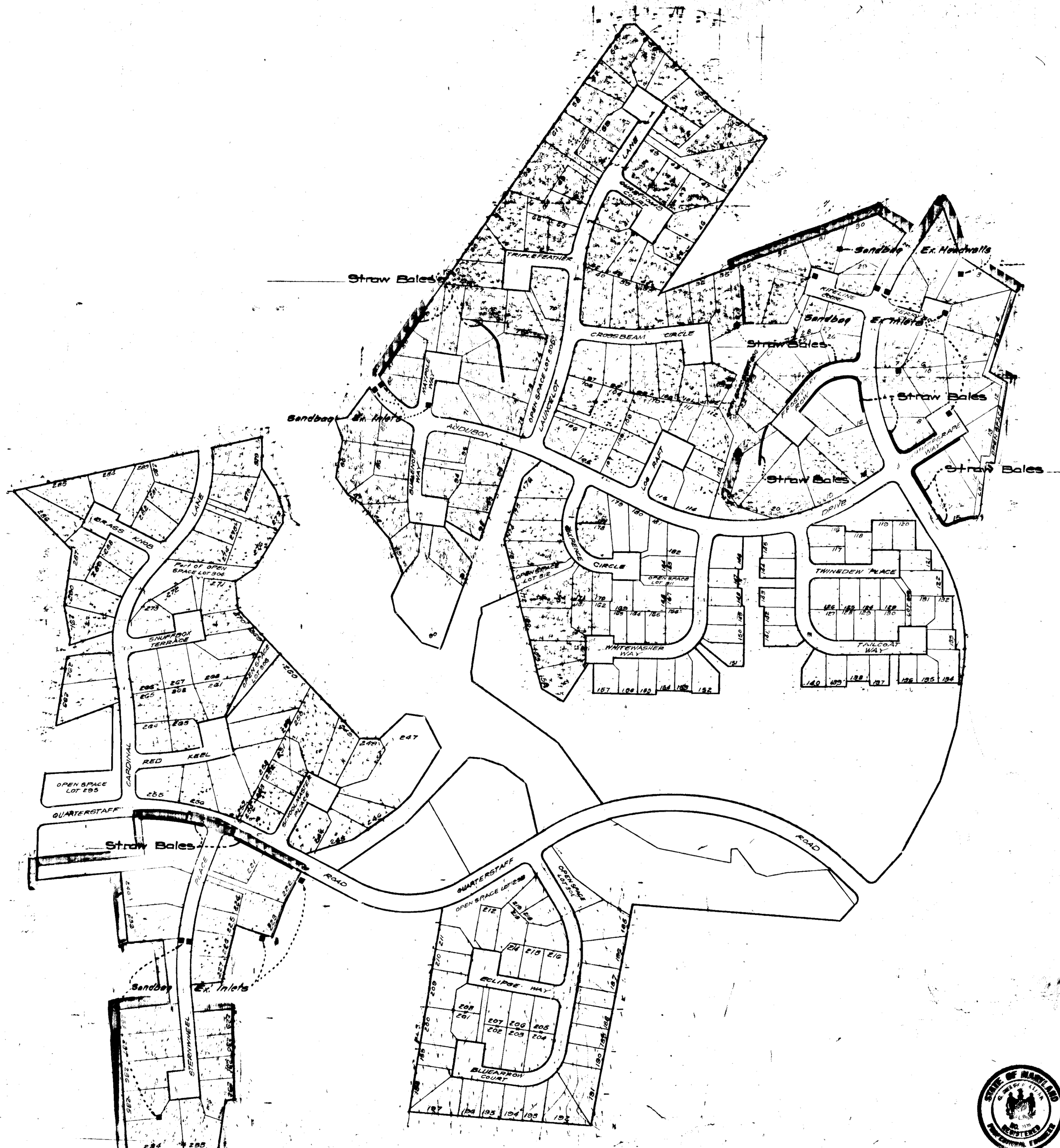
Bench Mark
Nail Washer in 48" Oak
Elev. = 388.73



CLARK • FINEBROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED	DEVELOPMENT PLAN LOTS 229 THRU 238 COLUMBIA VILLAGE OF HICKORY RIDGE SECTION 1 AREA 2 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: RYLAND HOMES, COLUMBIA DIVISION Suite 200 10th Office Building Columbia, Maryland 21043	SCALE
W.R.M.E.		1"=30'
DRAWN		DRAWING
R.P.R.		G.O.F.G.
CHECKED		JOB NO.
W.R.M.E.	DATE	FILE NO.
June 74		1035-X

10 Lots

9/8/74
J.W.F.



APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE: 9/18/74
 [Signature]

Note: Lots included in this submission are outlined above.

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature] PLANNING DIRECTOR DATE 10-1-74
 [Signature] CHIEF DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING DATE 10/1/74
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS, AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature] DIRECTOR DATE 9/26/74
 CHIEF BUREAU OF HIGHWAYS DATE



Cl. N. Dean Clark
 8-22-74

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED	R.J.S.	SCALE
DRAWN	SUREON	1" = 200'
CHECKED	G.N.C.	DRAWING
DATE	Aug., 1974	70FT
		JOB NO.
		FILE NO.
		1135-SE