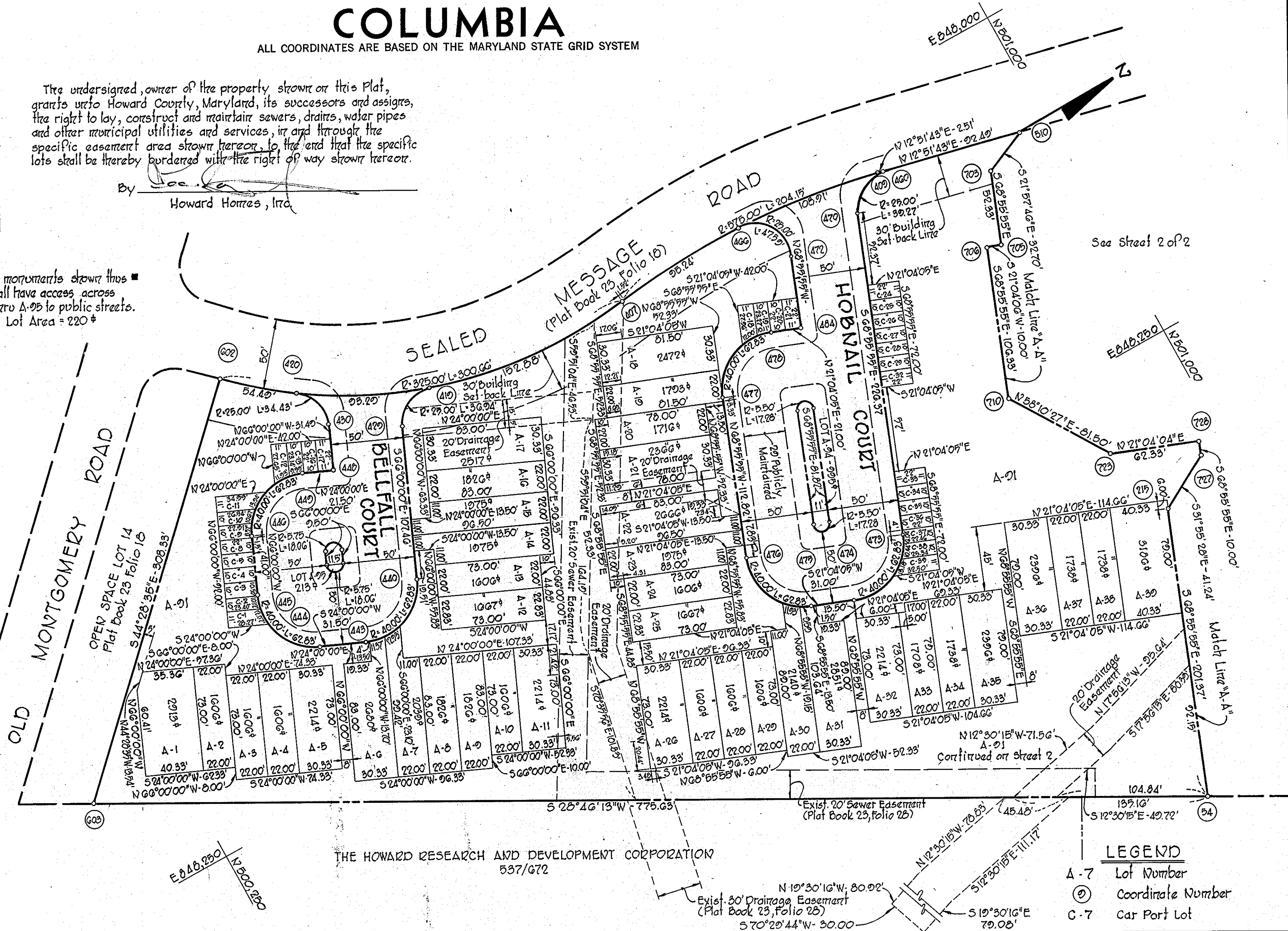


COLUMBIA

ALL COORDINATES ARE BASED ON THE MARYLAND STATE GRID SYSTEM

The undersigned, owner of the property shown on this Plat, grants unto Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and through the specific easement area shown hereon, to the end that the specific lots shall be thereby burdened with the right of way shown hereon.

By _____
Howard Homes, Inc.



CURVE DATA						
NOS	RADIUS	Δ	ARC	TAN	CHORD	LCB
402-400	325.00'	09°36'24"	54.40'	27.31'	54.43'	N 30° 54' 39" E
420-410	325.00'	16° 26' 50"	93.29'	46.97'	92.92'	N 26° 52' 39" E
420-430	75.00'	78° 53' 55"	34.43'	20.97'	31.77'	N 72° 23' 02" E
449-440	40.00'	90° 00' 00"	62.83'	40.00'	56.57'	S 21° 00' 00" E
445-444	40.00'	90° 00' 00"	62.83'	40.00'	56.57'	N 09° 00' 00" E
443-440	40.00'	90° 00' 00"	62.83'	40.00'	56.57'	N 21° 00' 00" W
429-410	25.00'	84° 39' 14"	36.94'	22.77'	33.67'	N 23° 40' 23" W
419-407	325.00'	25° 43' 18"	149.90'	74.70'	144.68'	N 09° 22' 50" E
407-406	75.00'	09° 29' 09"	39.24'	24.73'	29.13'	N 07° 44' 09" W
406-409	75.00'	10° 51' 06"	40.91'	26.74'	30.72'	N 07° 26' 10" E
406-472	75.00'	109° 08' 29"	47.99'	35.09'	40.72'	N 56° 32' 21" E
478-477	40.00'	90° 00' 00"	62.83'	40.00'	56.57'	S 23° 55' 55" E
476-475	40.00'	90° 00' 00"	62.83'	40.00'	56.57'	N 06° 04' 09" E
474-473	40.00'	90° 00' 00"	62.83'	40.00'	56.57'	N 78° 59' 59" W
470-460	25.00'	90° 00' 00"	39.27'	25.00'	35.36'	N 23° 59' 59" W

COORDINATE SCHEDULE		
NO.	NORTH	EAST
54	500,869.31	848,547.72
215	500,941.70	848,359.81
407	500,680.37	848,049.65
409	500,883.23	848,099.10
419	500,554.11	848,093.34
420	500,451.16	847,993.31
429	500,503.27	848,043.66
430	500,459.64	848,023.93
440	500,459.57	848,147.05
443	500,406.75	848,167.31
444	500,377.98	848,154.49
445	500,357.71	848,101.68
446	500,374.35	848,064.25
449	500,427.19	848,043.95
448	500,446.83	848,052.70
460	500,885.67	848,059.74
466	500,775.40	848,045.11
470	500,853.36	848,074.09
472	500,797.85	848,079.06
473	500,771.96	848,285.32
474	500,720.28	848,308.27
475	500,691.35	848,297.13
476	500,668.40	848,245.42
477	500,706.90	848,140.14
478	500,760.66	848,117.20
484	500,780.96	848,124.75
510	500,975.84	848,080.83
602	500,409.43	847,958.39
603	500,189.43	848,174.41
703	500,945.52	848,092.56
709	500,926.71	848,141.39
706	500,917.36	848,137.80
710	500,879.15	848,237.02
723	500,922.13	848,306.27
727	500,976.70	848,338.01
728	500,980.30	848,326.67

- Notes:
1. 4" x 4" x 36" Concrete monuments shown thus ■
 2. Townhouse lots shall have access across common lots A-91 thru A-95 to public streets.
 3. Minimum Car Port Lot Area = 220 #

TABULATIONS		
TOTALS	THIS SHEET	SHEET LAND 2
	ACREAGE	ACREAGE
Residential Lots	= 1.600	= 9.515
R.O.W.	= 0.899	= 2.232
Car Port Lots	= 0.102	= 0.265
Total	= 2.601	= 12.012
Total Residential Lots	= 39	= 91
Total Car Port Lots	= 31	= 48
Total Lots (Community Owned & Car Port Lots)	= 72	= 144

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

[Signature] MD
COUNTY HEALTH OFFICER DATE 11-21-72

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

[Signature]
DIRECTOR DATE 11-21-72

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

[Signature]
DIRECTOR DATE 11/16/72

SURVEYOR'S, ENGINEER'S and OWNER'S CERTIFICATES

The undersigned, owner of the property shown on this Plat, grants unto, (1) Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain water and sewer mains and laterals therefor in and under all road and street rights-of-way as shown hereon; (2) further it adopts this plan of subdivision and reserves the fee simple title to the beds of the streets and/or roads hereon, except however, for one dollar consideration, it herewith grants the right and option to Howard County, Maryland to acquire (within a period of five years commencing with the date of recording of this plat among the Land Records of Howard County) the fee simple title to the beds of the streets and/or roads shown hereon, together with such adjacent land, if any, as may be shown on this plat as areas designated for the installation of street lighting facilities.

The undersigned certify that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 112 recorded in Plat Book 20 Folios 39 to 41, each inclusive, with all Open Space shown thereon to be used for drainage easements, if necessary, and the requirements of Article 17, Section 60 of the annotated code of Maryland concerning the making of this Plat and setting of markers have been complied with. The land shown hereon is a part of the land which by deed dated May 31, 1972 and recorded among the Land Records of Howard County, Maryland in Liber 594 Folio 699, was granted and conveyed by The Howard Research and Development Corporation to Howard Homes Inc.

PROFESSIONAL LAND SURVEYOR
(By) *[Signature]* Reg. No. 1074
Whitman, Reardon & Associates
2 W. Preston St. Baltimore, Md. 21201

PROFESSIONAL ENGINEER
(By) *[Signature]* Reg. No. _____
Whitman, Reardon & Associates
2 W. Preston St. Baltimore, Md. 21201

OWNER
(By) *[Signature]* Auth. Agent
Howard Homes, Inc.
Columbia Md. 21043 P.O. Box 602

RECORDED IN PLAT BOOK 24 FOLIO 15
on Nov 22, 1972 among The
Land Records of Howard County, Maryland.

COLUMBIA
VILLAGE OF LONGREACH
LOT 14 & LOTS A-1 TO A-35
A RESUBDIVISION OF PARCEL X AND LOT 13

SECTION 1
AREA 6
Sheet 1 of 2
Election District of Howard County, Md.
Scale: 1" = 50' Date: July 28, 1972

CURVE DATA						
NOS.	RADIUS	Δ	ARC	TAN	CHORD	L.C.D.
532-534	25.00'	90°00'00"	39.27'	25.00'	39.36'	N66°04'09"E
411-413	40.00'	90°00'00"	76.74'	50.00'	70.71'	N32°08'10"W
558-556	40.00'	90°00'00"	62.83'	40.00'	56.77'	S23°55'55"E
555-553	40.00'	90°00'00"	62.83'	40.00'	56.77'	N66°04'09"E
552-551	40.00'	90°00'00"	62.83'	40.00'	56.77'	S23°55'55"E
525-522	25.00'	90°00'00"	39.27'	25.00'	39.36'	N23°55'55"W
522-521	25.00'	90°00'00"	39.27'	25.00'	39.36'	N77°28'44"E
821-823	15.00'	90°00'00"	23.96'	15.00'	21.21'	N66°04'09"E
825-827	15.00'	90°00'00"	23.96'	15.00'	21.21'	S23°55'55"E
851-829	40.00'	90°00'00"	62.83'	40.00'	56.77'	S23°55'55"E
830-831	40.00'	90°00'00"	62.83'	40.00'	56.77'	N66°04'09"E
832-833	40.00'	90°00'00"	62.83'	40.00'	56.77'	N23°55'55"W
836-835	40.00'	90°00'00"	62.83'	40.00'	56.77'	N23°55'55"W
828-826	40.00'	90°00'00"	62.83'	40.00'	56.77'	N23°55'55"W
824-822	40.00'	90°00'00"	62.83'	40.00'	56.77'	N66°04'09"E
839-840	25.00'	90°00'00"	39.27'	25.00'	39.36'	S61°57'55"W
842-860	30.1479'	05°39'53"	298.04'	149.14'	297.92'	S66°06'01"E

COORDINATE SCHEDULE		
NO.	NORTH	EAST
54	500,869.31	848,547.72
219	500,941.70	848,559.51
411	501,265.09	848,146.38
413	501,324.97	848,108.76
510	500,975.84	848,080.33
522	501,201.82	848,152.09
525	501,172.40	848,147.37
532	501,106.45	848,110.17
534	501,120.79	848,142.47
551	501,132.31	848,251.67
552	501,080.60	848,274.82
553	501,019.99	848,251.28
555	500,997.00	848,199.55
556	501,009.58	848,166.89
557	501,112.61	848,163.71
558	501,061.29	848,143.94
703	500,945.52	848,092.56
705	500,926.71	848,141.39
706	500,917.36	848,137.80
710	500,879.15	848,237.02
723	500,922.13	848,306.27
727	500,976.70	848,336.70
728	500,980.30	848,328.67
809	501,130.77	848,537.32
821	501,388.75	848,195.91
822	501,406.72	848,149.26
823	501,397.35	848,215.30
824	501,444.01	848,235.28
825	501,291.01	848,491.35
826	501,337.67	848,509.33
827	501,271.62	848,499.96
829	501,123.82	848,485.86
830	501,112.84	848,514.34
831	501,139.78	848,566.05
832	501,181.04	848,589.48
833	501,252.78	848,560.93
837	501,247.98	848,544.28
836	501,237.24	848,548.87
839	501,343.29	848,124.82
840	501,327.90	848,095.92
841	501,343.26	848,078.67
842	501,540.04	848,079.67
841	501,175.81	848,462.93
860	501,419.95	848,345.28
861	501,315.25	848,168.76

- Notes:
1. 4" x 4" x 36" Concrete monuments shown thus
 2. Townhouse lots shall have access across common lots A-01 thru A-05 to public streets.
 3. Minimum Car Port Lot Area = 220 sq.

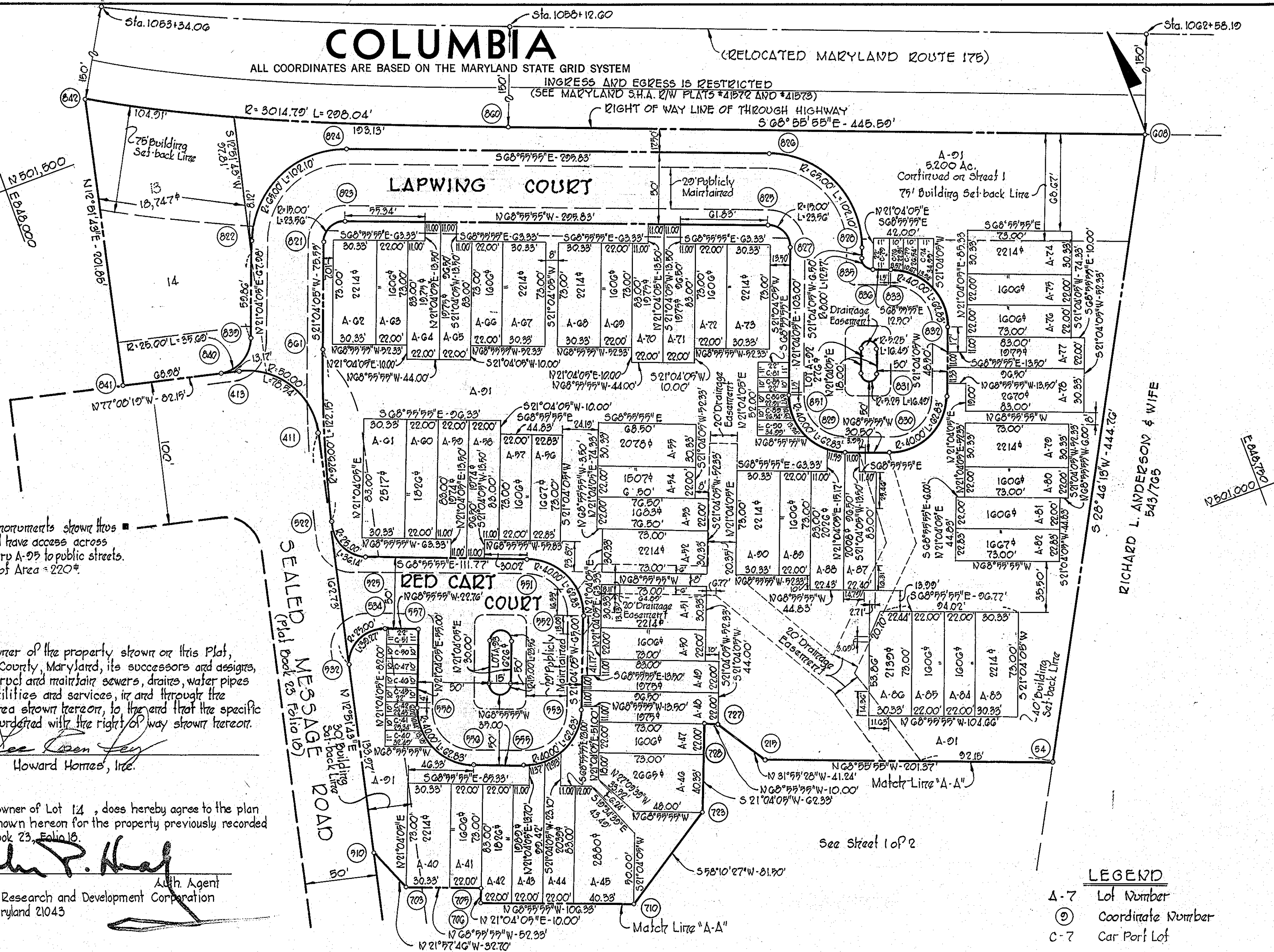
The undersigned, owner of the property shown on this Plat, grants unto Howard County, Maryland, its successors and assigns, the right to lay, construct and maintain sewers, drains, water pipes and other municipal utilities and services, in and through the specific easement area shown hereon, to the end that the specific lots shall be thereby burdened with the right of way shown hereon.

By Lee Rosenfeld
Howard Homes, Inc.

The undersigned, owner of Lot 14, does hereby agree to the plan of subdivision as shown hereon for the property previously recorded as Lot 13 in Plat Book 23, Folio 18.

By John P. Hall
Auth. Agent
The Howard Research and Development Corporation
Columbia, Maryland 21043

TABULATIONS	
TOTALS	ACREAGE
Residential Lots	= 7.915
Car Port Lots	= 0.096
R.O.W.	= 1.533
Total	= 9.544
Total Residential Lots	= 52
Total Car Port Lots	= 17
Total Lots (Community Owned & Car Port Lots)	= 72



LEGEND
 A-7 Lot Number
 ⊙ Coordinate Number
 C-7 Car Port Lot

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
John P. Hall 11-21-72
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
Thomas A. Harriott 11-21-72
 DIRECTOR DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
William A. Altman 11/16/72
 DIRECTOR DATE

SURVEYOR'S, ENGINEER'S and OWNER'S CERTIFICATES

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The undersigned certify that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 112 recorded in Plat Book 20 Folios 39 to 41, each inclusive, with all Open Space shown thereon to be used for drainage easements, if necessary, and the requirements of Article 17, Section 60 of the annotated code of Maryland concerning the making of this Plat and setting of markers have been complied with. The land shown hereon is a part of the land which by deed dated May 31, 1972 and recorded among the Land Records of Howard County, Maryland in Liber 594 Folio 000 was granted and conveyed by The Howard Research and Development Corporation to Howard Homes Inc.

PROFESSIONAL LAND SURVEYOR
 (By) James P. McLeod 74
 Whitman, Reardon & Associates Reg. No.
 2101 W. Preston St. Baltimore, Md. 21201

PROFESSIONAL ENGINEER
 (By) James P. McLeod 74
 Whitman, Reardon & Associates Reg. No.
 2101 W. Preston St. Baltimore, Md. 21201

OWNER
 (By) Lee Rosenfeld
 Howard Homes, Inc. Auth. Agent
 Columbia Md. 21043 P.O. Box 802

RECORDED IN PLAT BOOK 24 FOLIO 116
 on Nov. 22, 19 72 among The
 Land Records of Howard County, Maryland.

COLUMBIA
VILLAGE OF LONGREACH
 LOT 14 & LOTS A-1 TO A-8
 A RESUBDIVISION OF PARCELS AND LOT 13

SECTION 1
 AREA G
 Sheet 2 of 2
 Gth Election District of Howard County, Md.
 Scale: 1" = 50' Date: July 28, 1972