

CURVE DATA						
NOS.	RADIUS	Δ	ARC'	TAN.	CHORD	L. C. B.
4 - 5	15.00	90°00'00"	23.56	15.00	21.21	N 71° 25' 35" E
35 - 36	15.00	90°00'00"	23.56	15.00	21.21	N 18° 34' 25" W
37 - 38	15.00	90°00'00"	23.56	15.00	21.21	N 71° 25' 35" E
57 - 58	2420.00	09°43'04"	410.46	205.72	409.96	N 71° 46' 28" W

COLUMBIA ROUTE 108

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.*

COORDINATE SCHEDULE

N#	NORTH	EAST
43A	506,585.81	852,341.74
61	506,868.60	851,667.10
87	506,708.57	852,067.75
90	506,766.10	851,817.17
90A	506,788.49	851,828.30
91	506,719.82	851,910.30
98	506,628.42	852,027.91
121	506,773.55	851,937.00
122	506,419.52	852,043.82
123	506,699.67	852,085.66
125	506,672.97	852,199.39
190	506,683.72	852,144.73
163	506,510.42	852,437.26
162	506,563.42	852,330.61

Note:

1. 4"x4"x36" Conc. Mon. indicated thus ■.
2. 5' Utility Easements on Lots L-62, L-63 & L-64 are for private water and sewer services for adjacent lots.

SINGLE FAMILY MEDIUM DENSITY LAND USE AREAS

All lots within single family medium density land use areas shall be used only for single family detached medium density residential uses, except: Lots L-61, L-62, L-63, L-64, L-65 and L-66 are to be used for all open space land uses including, but not limited to, pedestrian and bicycle pathways. These lots may be used for drainage and utility easements if necessary, provided that such easements are shown on the subdivision plat if required by the Howard County Office of Planning and Zoning. Single family and open space land use shall be in accordance with the Final Development Plan Criteria for Phase 77-A.

TABULATIONS

TOTALS	ACREAGE
All lots	= 4.820
R. O. W.	= 0.985
Open Space	= 0
Total	= 5.805
Lots this plat (incl. open space)	= 30

SHEET 1 AND 2 TABULATION

TOTALS	ACREAGE
All lots	= 10.488
R.O.W.	= 2.310
Open Space	= 0
Total	= 12.948
Total Lots	= 66

N#	NORTH	EAST
1	506,729.80	851,598.12
2	506,741.06	851,631.63
3	506,672.08	851,770.44
4	506,860.19	851,863.30
5	506,866.89	851,884.00
6	506,855.76	851,906.39
7	506,945.31	851,950.98
8	506,989.82	851,861.35
9	506,900.27	851,816.84
10	506,895.82	851,825.80
11	506,752.54	851,734.59
12	506,745.78	851,784.48
13	506,785.85	851,838.88

N#	NORTH	EAST
14	506,379.58	851,865.06
15	506,390.64	851,898.37
16	506,529.30	851,967.78
17	506,550.00	851,961.02
18	506,561.13	851,938.63
19	506,650.68	851,989.14
20	506,606.17	852,072.69
21	506,516.62	852,028.18
22	506,521.07	852,019.25
23	506,368.39	851,948.35
24	506,334.68	851,954.61
25	506,264.91	851,100.35
26	506,276.36	852,192.12

N#	NORTH	EAST
27	506,362.27	852,174.81
28	506,370.64	852,178.07
29	506,415.68	852,191.09
30	506,424.05	852,194.35
31	506,501.05	852,232.62
32	506,508.70	852,237.32
33	506,546.28	852,265.56
34	506,553.93	852,270.06
35	506,720.00	852,332.59
36	506,740.10	852,345.84
37	506,802.41	852,220.47
38	506,795.65	852,200.36
39	506,764.91	852,184.78

N#	NORTH	EAST
40	506,808.82	852,095.23
41	506,898.97	852,139.74
42	506,755.95	852,426.30
43	506,535.52	852,516.75
44	506,518.88	852,811.84
45	506,478.24	852,807.25
46	506,461.59	852,802.34
47	506,391.50	852,267.90
48	506,378.34	852,257.60
49	506,350.13	852,227.98
50	506,336.17	852,217.68
51	506,269.85	852,184.52
52	506,235.82	852,201.98

N#	NORTH	EAST
53	506,222.40	852,316.15
54	506,336.45	852,332.96
55	506,678.67	852,318.78
56	506,820.22	852,352.50
57	506,965.89	852,310.71
58	507,094.11	851,821.31
59	507,084.38	851,819.00
208	506,577.56	851,522.46
209	506,544.05	851,533.72
210	506,282.21	852,060.58
211	506,222.85	852,289.16
212	507,102.18	851,785.18
213	506,819.35	851,842.62

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

Thomas G. ...
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Thomas G. ...
DIRECTOR DATE

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

Thomas G. ...
DIRECTOR DATE

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, reserving, however, unto Grantor, its successors and assigns the right in perpetuity to lay, construct, enlarge, maintain and use cables and/or conduits for electrical transmission and other purposes beneath the surface of the lands subject to the rights granted herein to said Howard County. The undersigned certifies that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 77-A recorded in Plat Book 19, Folios 108 to 130, 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 February 2, 1971 and recorded among the Land Records of Howard County, Maryland in Liber 550 Folio 348, was granted and conveyed by the Howard Research and Development Corporation to Howard Homes, Inc.

PROFESSIONAL LAND SURVEYOR
(By) *Whitman, Requardt & Assoc.*
Whitman, Requardt & Assoc. Reg. No. 1974
2 W. Preston St. Baltimore, Md. 21201

PROFESSIONAL ENGINEER
(By) *Whitman, Requardt & Assoc.*
Whitman, Requardt & Assoc. Reg. No. 1974
2 W. Preston St. Baltimore, Md. 21201

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

RECORDED IN PLAT BOOK 21 FOLIO 59
on 1971 among The
Land Records of Howard County, Maryland.

COLUMBIA VILLAGE OF LONGREACH
LOTS L-1 to L-66
A RESUBDIVISION OF PARCEL "L"
SECTION 1
AREA 1
Sheet 1 of 2
6TH Election District of Howard County, Md.
Scale: 1" = 50' Date: January 19, 1971

RECEIVED
APR 21 1971
BUREAU OF ENGINEERING

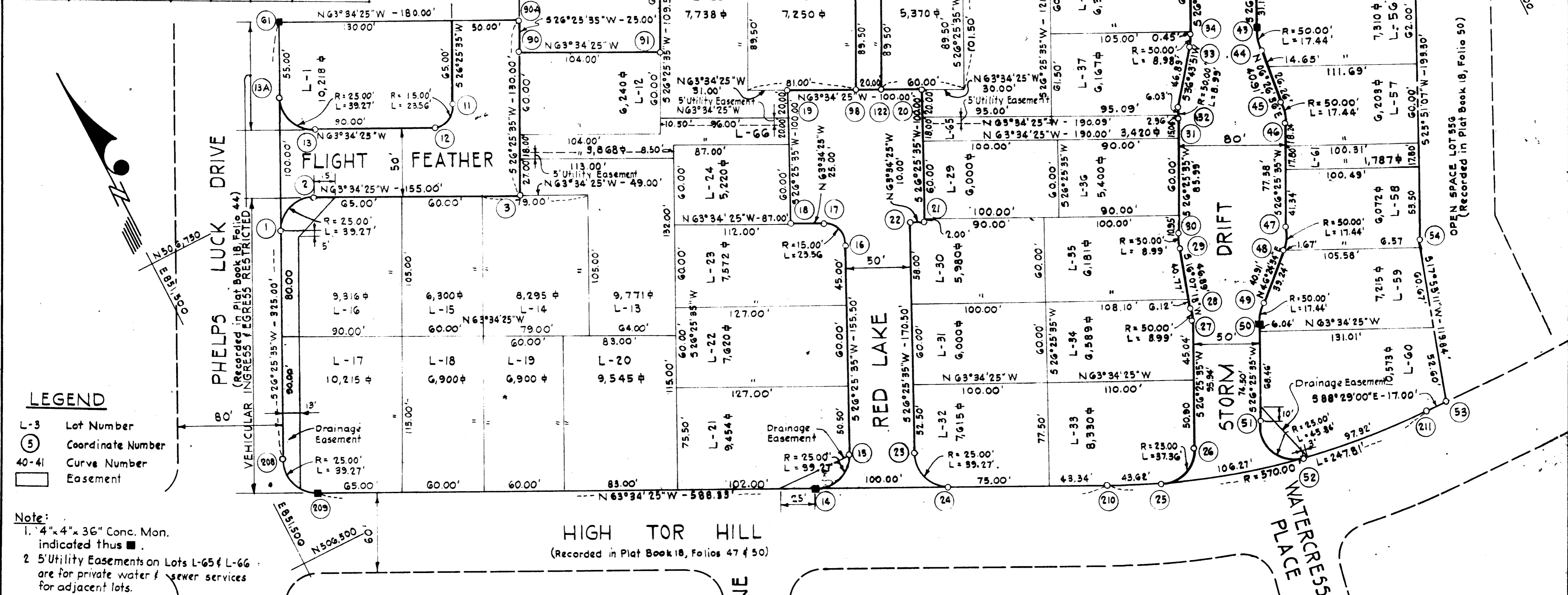
CURVE DATA						
NOS.	RADIUS	Δ	ARC	TAN.	CHORD	L.C.B.
1-2	25.00'	90°00'00"	39.27'	25.00'	35.36'	N 71°25'35"E
11-12	15.00'	90°00'00"	23.56'	15.00'	21.21'	N 71°25'35"E
14-15	25.00'	90°00'00"	39.27'	25.00'	35.36'	N 71°25'35"E
16-17	15.00'	90°00'00"	23.56'	15.00'	21.21'	N 18°34'25"W
23-24	25.00'	90°00'00"	39.27'	25.00'	35.36'	N 18°34'25"W
25-26	25.00'	85°36'55"	37.36'	23.16'	33.98'	S 69°4'03"W
27-28	50.00'	10°18'17"	8.99'	4.51'	8.98'	S 21°16'26"W
29-30	50.00'	10°18'17"	8.99'	4.51'	8.98'	S 21°16'26"W
31-32	50.00'	10°18'17"	8.99'	4.51'	8.98'	N 31°34'44"E
208-209	25.00'	90°00'00"	39.27'	25.00'	35.36'	S 18°34'24"E

COLUMBIA

ALL COORDINATES ARE BASED ON THE MARYLAND STATE GRID SYSTEM

See Sheet 1 of 2

SINGLE FAMILY MEDIUM DENSITY LAND USE AREAS
 All lots within single family medium density land use areas shall be used only for single family detached medium density residential uses, except: lots L-61, L-62, L-63, L-64, L-65 and L-66 are to be used for all open space land uses including, but not limited to, pedestrian and bicycle pathways. These lots may be used for drainage and utility easements if necessary, provided that such easements are shown on the subdivision plat if required by the Howard County Office of Planning and Zoning. Single family and open space land use shall be in accordance with the Final Development Plan Criteria for Phase 77-A.



LEGEND

- L-3 Lot Number
- ⑤ Coordinate Number
- 40-41 Curve Number
- ▭ Easement

Note:
 1. 4"x4"x36" Conc. Mon. indicated thus ■.
 2. 5' Utility Easements on Lots L-65 & L-66 are for private water & sewer services for adjacent lots.

TABULATIONS

TOTALS	ACREAGE
All lots	5.818
R.O.W.	1.325
Open Space	0
Total	7.143
Lots this plat (incl. open space)	36

CURVE DATA						
NOS.	RADIUS	Δ	ARC	TAN.	CHORD	L.C.B.
33-34	50.00'	10°18'17"	8.99'	4.51'	8.98'	N 91°34'44"E
43-44	50.00'	19°58'59"	17.44'	8.81'	17.35'	S 16°26'05"W
45-46	50.00'	19°58'59"	17.44'	8.81'	17.35'	S 16°26'05"W
47-48	50.00'	19°58'59"	17.44'	8.81'	17.35'	S 36°25'05"W
49-50	50.00'	19°58'59"	17.44'	8.81'	17.35'	S 36°25'05"W

CURVE DATA						
NOS.	RADIUS	Δ	ARC	TAN.	CHORD	L.C.B.
51-52	25.00'	105°03'59"	45.84'	32.62'	39.69'	N 26°06'24"W
210-211	570.00'	04°23'04"	43.62'	21.82'	43.61'	S 65°45'57"E
25-52	570.00'	10°40'54"	106.27'	53.29'	106.11'	S 73°17'57"E
52-211	570.00'	09°50'33"	97.92'	49.08'	97.80'	N 83°33'42"W
210-211	570.00'	24°54'37"	247.81'	125.89'	245.85'	S 76°01'41"E

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, if 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, reserving, however, unto Grantor, its successors and assigns the right in perpetuity to lay, construct, enlarge, maintain and use cables and/or conduits for electrical transmission and other purposes beneath the surface of the lands subject to the rights granted herein to said Howard County. The undersigned certifies that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 77-A recorded in Plat Book 19, Folios 128 to 180, 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 February 2, 1971 and recorded among the Land Records of Howard County, Maryland in Liber 550 Folio 348 was granted and conveyed by the Howard Research and Development Corporation to Howard Homes, Inc.

PROFESSIONAL LAND SURVEYOR
 (By) *James T. Malow* 1974
 Whitman, Requardt & Assoc. Reg. No. []
 2 W. Preston St., Baltimore, Md., 21201

PROFESSIONAL ENGINEER
 (By) *James T. Malow* 1974
 Whitman, Requardt & Assoc. Reg. No. []
 2 W. Preston St., Baltimore, Md., 21201

OWNER
 (By) *Howard Homes, Inc.*
 Columbia, Md. 21043 P.O. Box 802

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 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 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, reserving, however, unto Grantor, its successors and assigns the right in perpetuity to lay, construct, enlarge, maintain and use cables and/or conduits for electrical transmission and other purposes beneath the surface of the lands subject to the rights granted herein to said Howard County. The undersigned certifies that the subdivision plan shown hereon is correct as complying with the requirements of Final Development Plan Phase 77-A recorded in Plat Book 19, Folios 128 to 180, 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 February 2, 1971 and recorded among the Land Records of Howard County, Maryland in Liber 550 Folio 348 was granted and conveyed by the Howard Research and Development Corporation to Howard Homes, Inc.

By *Howard Homes, Inc.*
 Howard Homes, Inc.

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

George R. [Signature] April 12, 1971
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Thomas [Signature] 4-12-71
 DIRECTOR DATE

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

James P. [Signature] 4-12-71
 DIRECTOR DATE

RECORDED IN PLAT BOOK 21 FOLIO 60
 on 4/13, 1971 among The
 Land Records of Howard County, Maryland.

COLUMBIA
VILLAGE OF LONGREACH
 LOTS L-1 to L-66
 A RESUBDIVISION OF PARCEL "L"
 SECTION 1
 AREA 1
 Sheet 2 of 2
 6TH Election District of Howard County, Md.
 Scale: 1" = 50' Date: January 19, 1971