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Reading Room copy - please return

1) Perry, Clarence Arthur, 1872-1944.  
Lantern slides, [ca.1914-1937]  
.8 cubic ft.

NYCV84-A311

Clarence Arthur Perry, Cornell University Class of 1899, was employed by the Division of Recreation of the Russell Sage Foundation from 1909 to 1937, when that department closed. He lived in Forest Hills Gardens, a residential unit planned by the Sage Foundation. In January 1924 he devised his Neighborhood Unit theory defining a neighborhood as the area served by an elementary school and bounded by arterial roads; this theory was published in study number 7 of the Regional Plan of New York and Its Environs. Perry also wrote REBUILDING OF BLIGHTED AREAS (1933); PLANNING IMPROVEMENT OF YOUR OWN NEIGHBORHOOD (1935); and HOUSING FOR THE MACHINE AGE (1939). He lectured on his planning theories at New York University, Harvard University, and to various other groups.

Summary: Lantern slides used by Perry to accompany his lectures on city planning. Most depict scenes in and around New York City, and many depict Forest Hills Gardens. There are also slides of plans, charts, and narrative.

Indexes: Unpublished guide.

Cite as: Clarence A. Perry. Lantern Slides, #3442. Department of Manuscripts and University Archives, Cornell University Libraries.

1. Russell Sage Foundation. Division of Recreation. 2. Regional Plan of New York and Its Environs. 3. City planning. 4. Housing. 5. Public housing. 6. Forest Hills Gardens (New York, N.Y.)--City planning. 7. New York (N.Y.)--City planning. 8. Lantern slides. 9. City planners. 10. Neighborhood unit theory.

RGPN: 3442  
ID: NYCV84-A311

CC: 9554      DCF: a      PROC: b

APR 04 1990

#3442

CLARENCE ARTHUR PERRY (199), 1872-1944. *Lantern Slides.*

Guide To Lantern Slides: Photocopies of lantern slides transferred from Regional Plan Association, # ~~2775~~ and Forest Hills Gardens, # 2775. These photocopies represent all the slides from the two sources above that have been identified as Perry's and *have been* grouped as # 3442. They are probably his city planning lecture slides. Unfortunately we do not have the lecture that they were designed to accompany but most depict New York City and environs both existing conditions c. 1930 and Perry's plan for neighborhood unit developments.

Those in small green metal cases are marked boxes 1 & 2. They are from # ~~2775~~ The slides marked box 3 are from #2775 and depict Forest Hills Gardens. Perry lived in Forest Hills Gardens and (according to Soctt's American City Planning Since 1890 ) developed his ideal neighborhood there.

There are some additional negatives, <sup>Box #1</sup> both glass and film, which derive from the same sources and are not reproduced here.

MSA <sup>check,</sup> 7/74

untitled

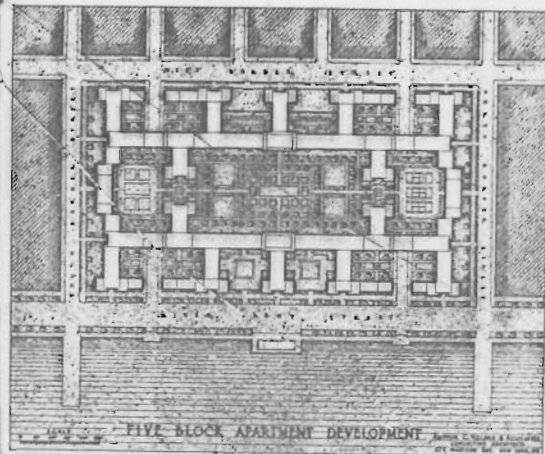
# 3442

Box 1

2



131 East 23d Street, New York



BESELER LANTERN SLIDE CO. Inc.

3

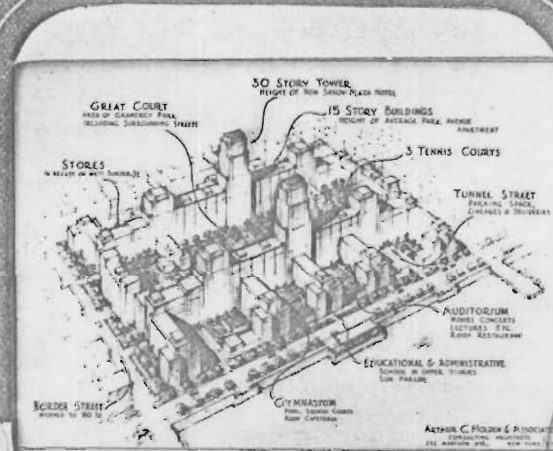


CANALSIDE APARTMENTS

EDWARD VAN ALLEN

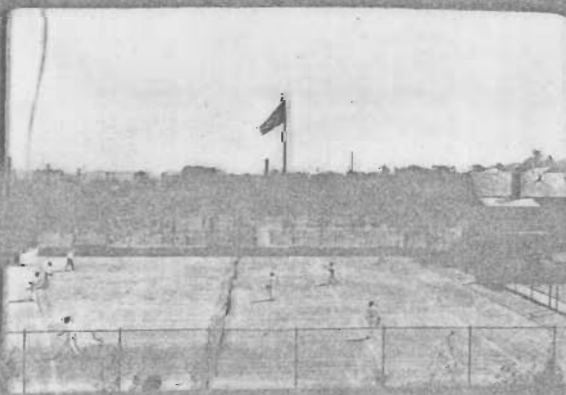
4

131 East 23d Street, New York

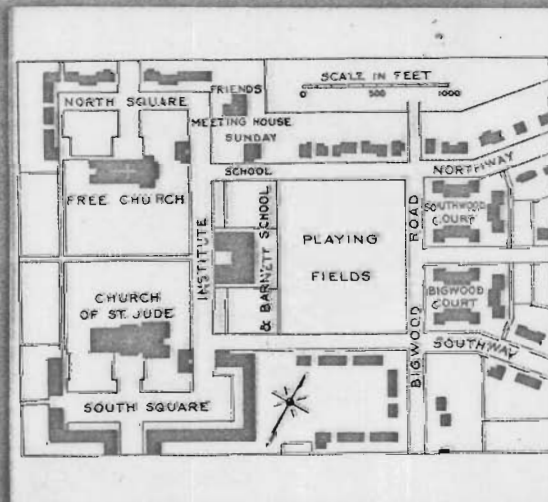


BESELER LANTERN SLIDE CO. Inc.

5

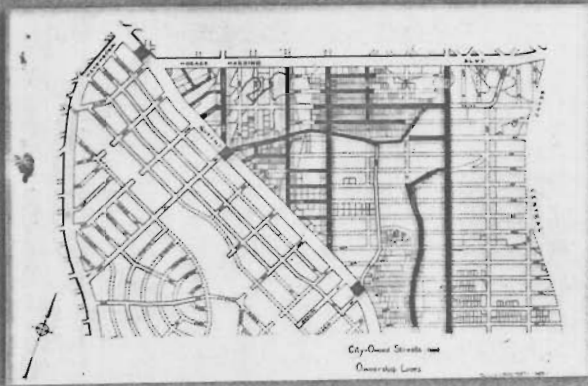


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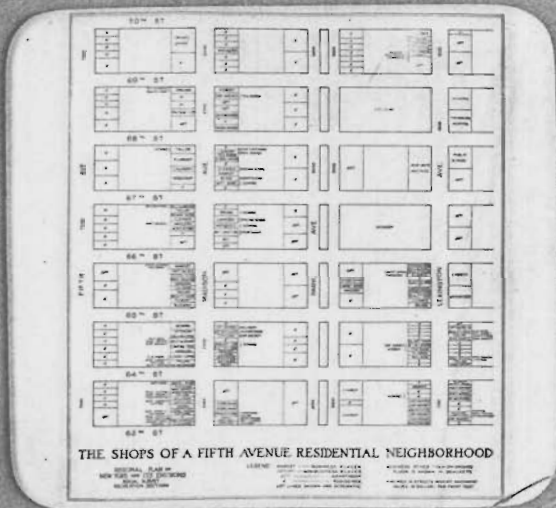
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10



11

ESTIMATED WEEKLY MOVEMENTS TO AND FROM AN ORDINARY HOME SITUATED IN A MIDDLE CLASS RESIDENTIAL DISTRICT

Person moving	Destination or purpose	Times per week according to range of movement	
		Neighborhood	Downtown, or beyond neighborhood
1. Husband	Place of occupation	2	6
	Barber's, restaurant or movies	1	
	Church, lodge or social calls	3	
2. Wife	Marketing	3	
	Drugstore, shop or office	1	1/2
	Shopping or theatre	3	
	Club or social calls	1	
	Church or movies	3	
3. Son (10 years)	School	3	
	Playground	3	
	Shops (errands)	3	
	Playmates	2	
	Shopping or amusement		1
4. Daughter (16 years)	High school	1	5
	Movies	1	
	Friends	3	
	Local shops	2	
5. Delivery & Servicemen	Shopping or social calls		1
	Mail	12	
	Milk	7	
	Groceries	8	
	Meat	5	
	Ice	4	
	Laundry		3
	City packages		3
Auto removal	6		
Garbage	6		
Total		78	19

12

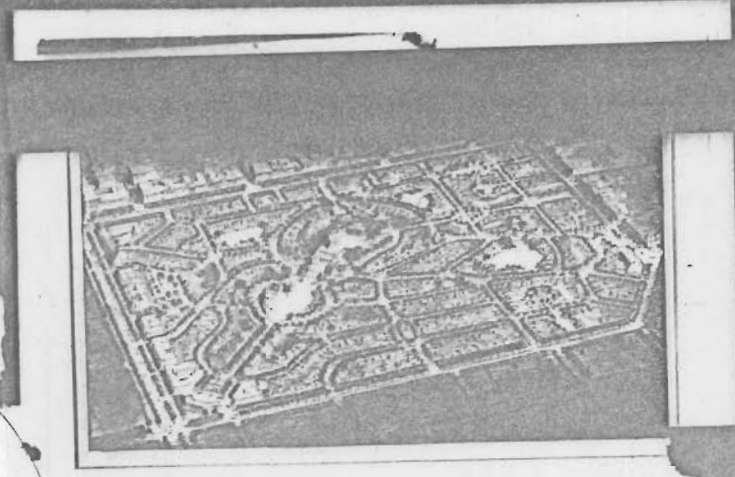


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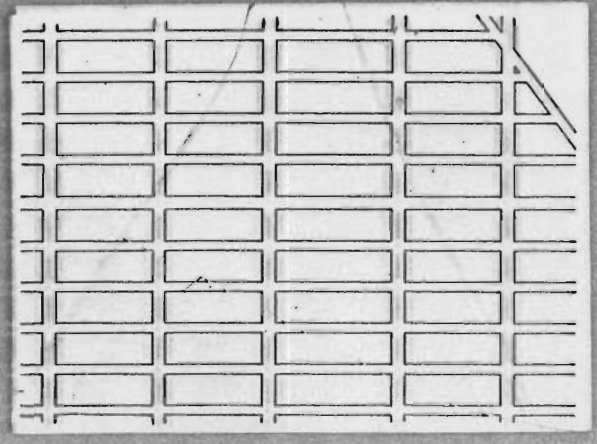
# 3442

Box 1

13



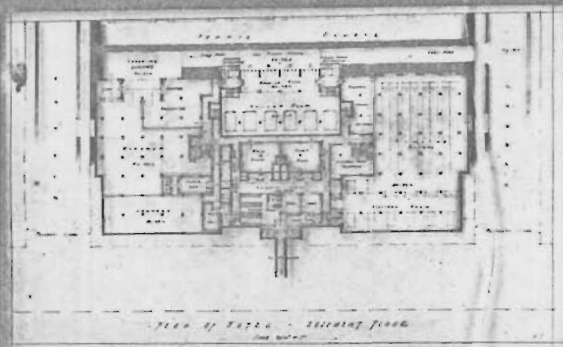
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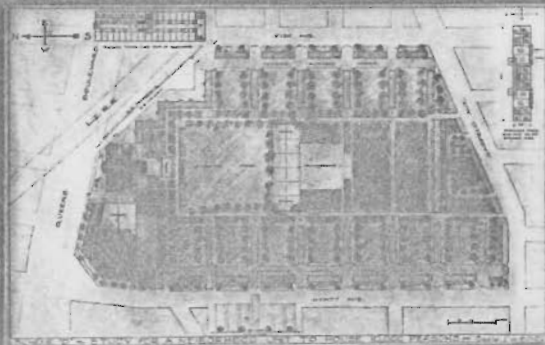
Queens Study - early plans

Box 1

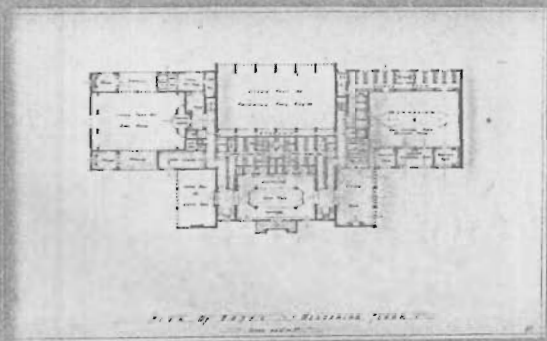
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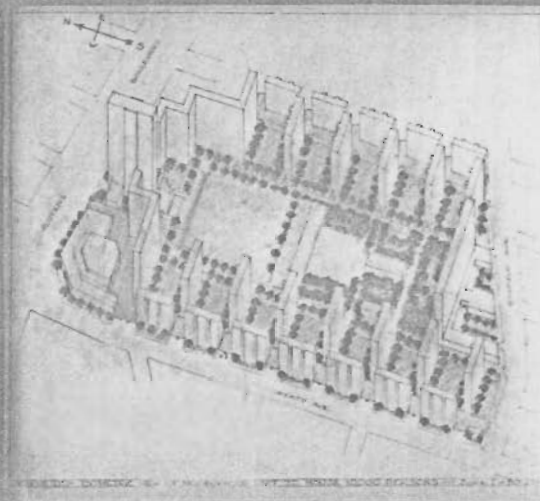
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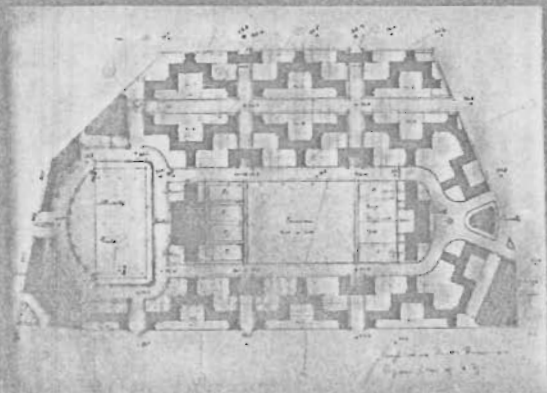
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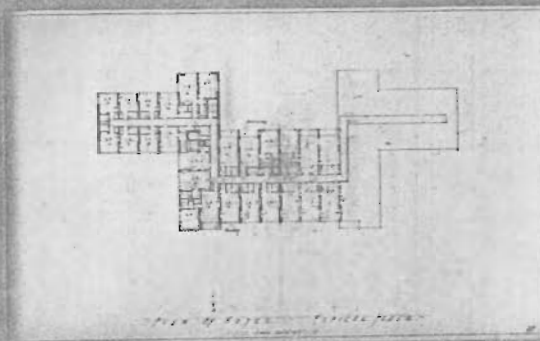
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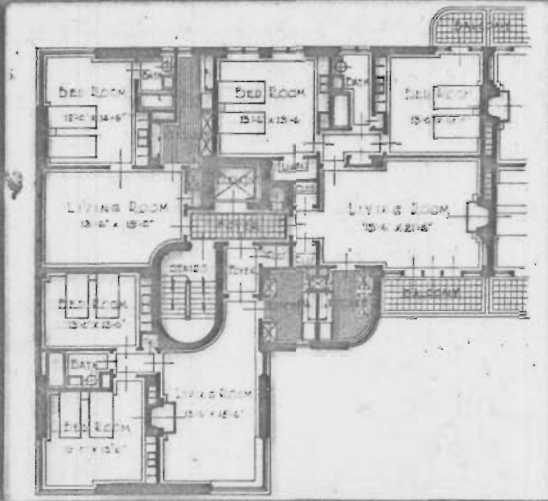


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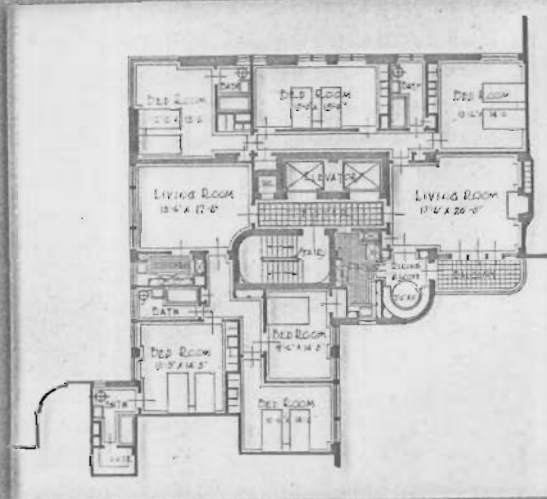
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II. A Birdseye View of Kalcherbocker Village, Inc.

EDWARD VAN ALTIENA

25

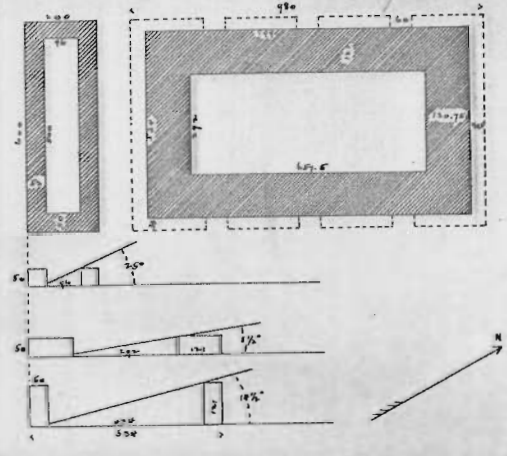


VIII. Birdseye View of Hillside Housing Corporation Under Construction

EDWARD VAN ALTIENA

26

Open Space with a Coverage of 60%



EDWARD VAN ALTIENA

27



29



29

RADIO-VIS-MAY

SHOPPING DISTRICTS

A business district within half a mile of every home.

All shops in the periphery and preferably bunched at traffic junctions.

Ample service and yet complete protection from the blighting effect of business intrusion.

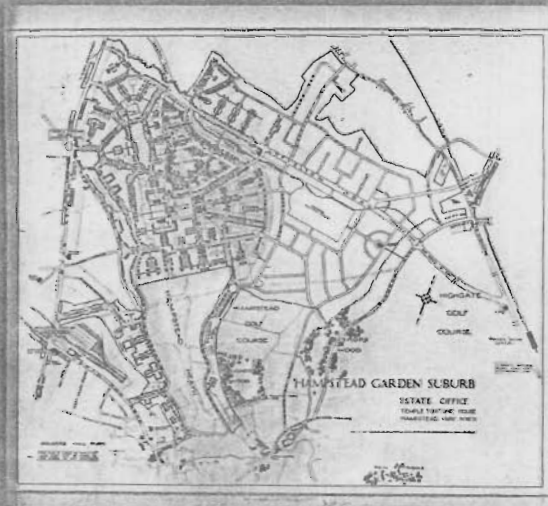
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33



IX. A Birdseye View of Boulevard Gardens Project Under Construction

EDWARD VAN ALTENA

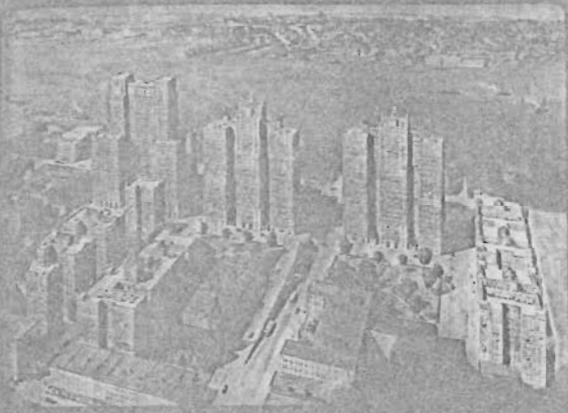
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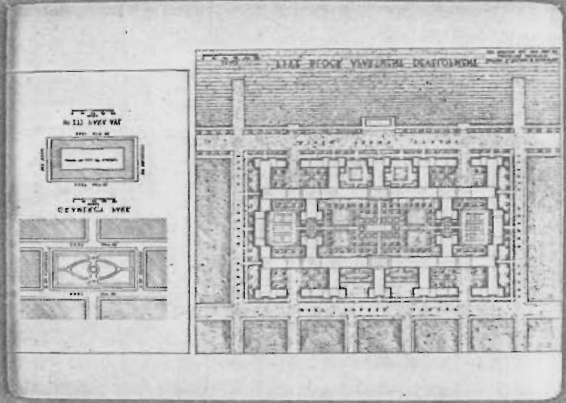
XII. The Old Long Block Looking West on Monroe Street from Market Street

EDWARD VAN ALTENA

35

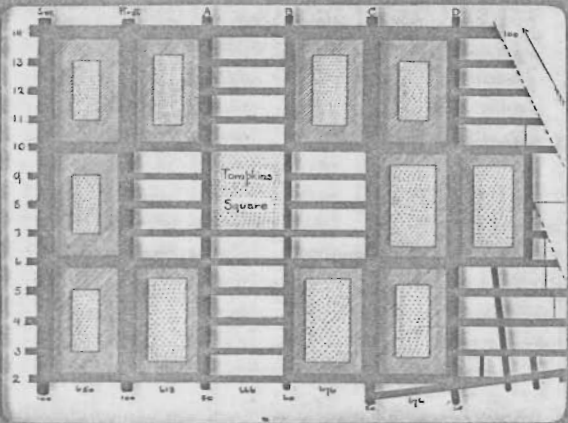


36



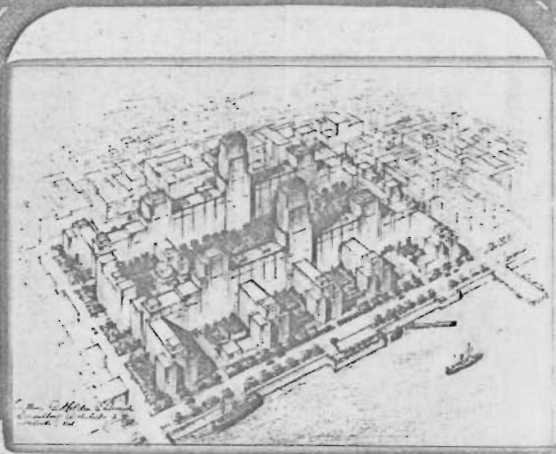
BESELER LANTERN SLIDE CO. - NEW YORK

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EDWARD VAN ALTENA

131 East 23d Street, New York



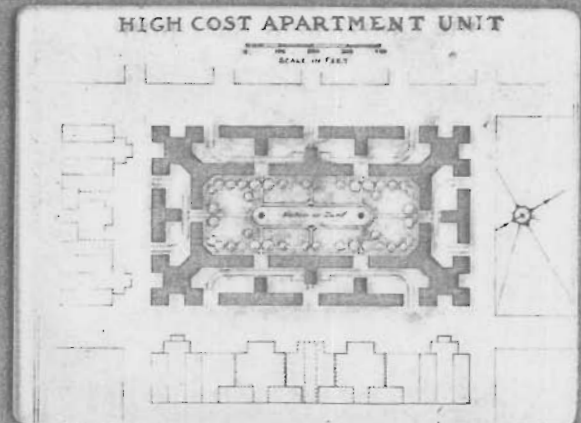
BESELER LANTERN SLIDE CO. Inc.



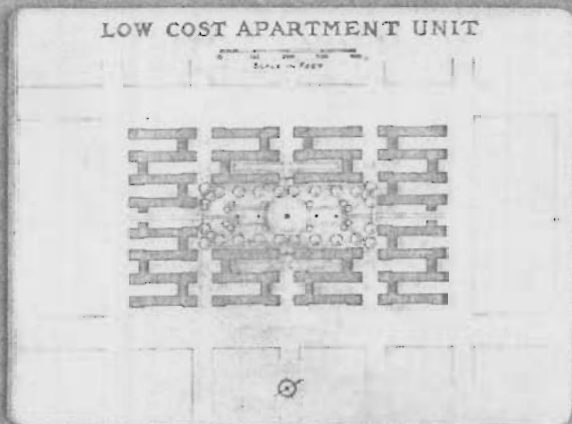
39



40



41



42

RADIO-MAT PATENTED

	Low Cost	High Cost
Coverage	33.3%	34.7%
Central Court	2.44 acres	3.52 acres
Families	1127.5	1193
Average Suite	750 sq.ft.	1873 sq.ft.
Stories	5	5 to 20

43

RADIO-MAT PATENTED

CLUB APARTMENT UNIT

Central court, 340'x740' or 5.78 acres

Families, 2400 sq.ft., 10 stories, 500

Playground 150'x200'

Four tennis courts

44

RADIO-MAT PATENTED

THE CITY UNIT PRINCIPLE

Provides

- 1 Better traffic channels
- 2 Quieter neighborhood streets
- 3 Convenient local shops
- 4 Securer residence values
- 5 Planned open spaces
- 6 Limitation of density
- 7 Community pride



45

LOW COST FOUR-BLOCK UNIT

Dimensions	600'x980'
Unit	540'x940'
Area	11.65 acres
Coverage	33.3%
Court	200'x540' or 2.44 acres
Apts. 5 story (750)	1127.5
Families per acre	96.8

46

UNIT C

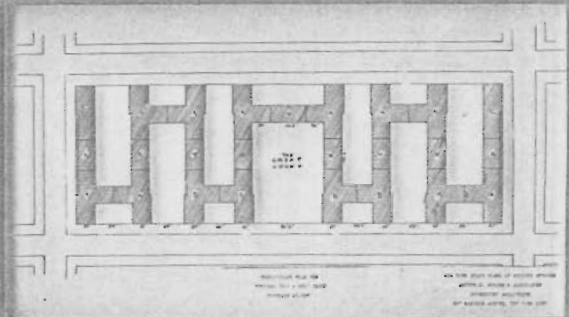
	Acres	%
Streets	49.8	31
Open spaces	14.6	9
Building sites	95.5	60
Total area	159.9	100
Population		6200
Open space per 1000 persons,	2.35 acres	
Persons per acre		39

47

UNIT B

	Acres	%
Streets	56.3	35
Open spaces	11.8	7
Building sites	93.5	58
Total area	161.6	100
Population		5000
Open space per 1000 persons,	2.35 acres	
Persons per acre		31

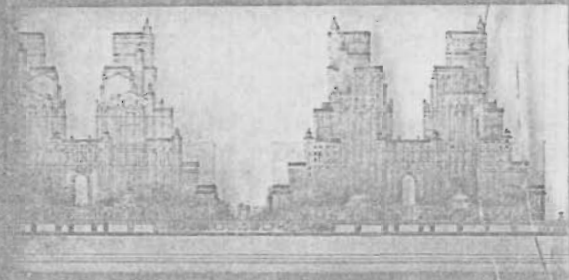
48



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Multi-Block Unit

Box 1

51

RADIO-MAT SIDE CHAIRS PATENTED

HIGH COST FOUR BLOCK UNIT

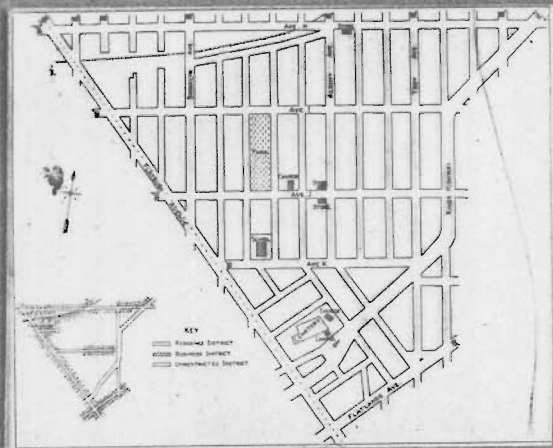
Area	11.65 acres
Coverage	34.7%
Court 240'x640' or	3.52 acres
Apts. (1873 sq.ft.)	1192
Families per acre	102.3
Floor space	2,232,600
1000 suites (1800)	1,800,000
Service facilities	432,600

RADIO-MAT SIDE CHAIRS

NEW YORK

P. 11

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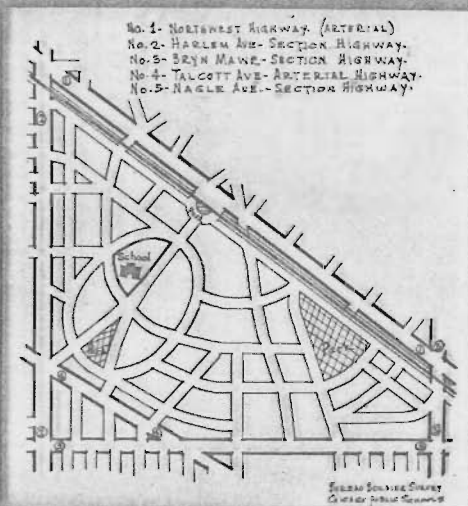
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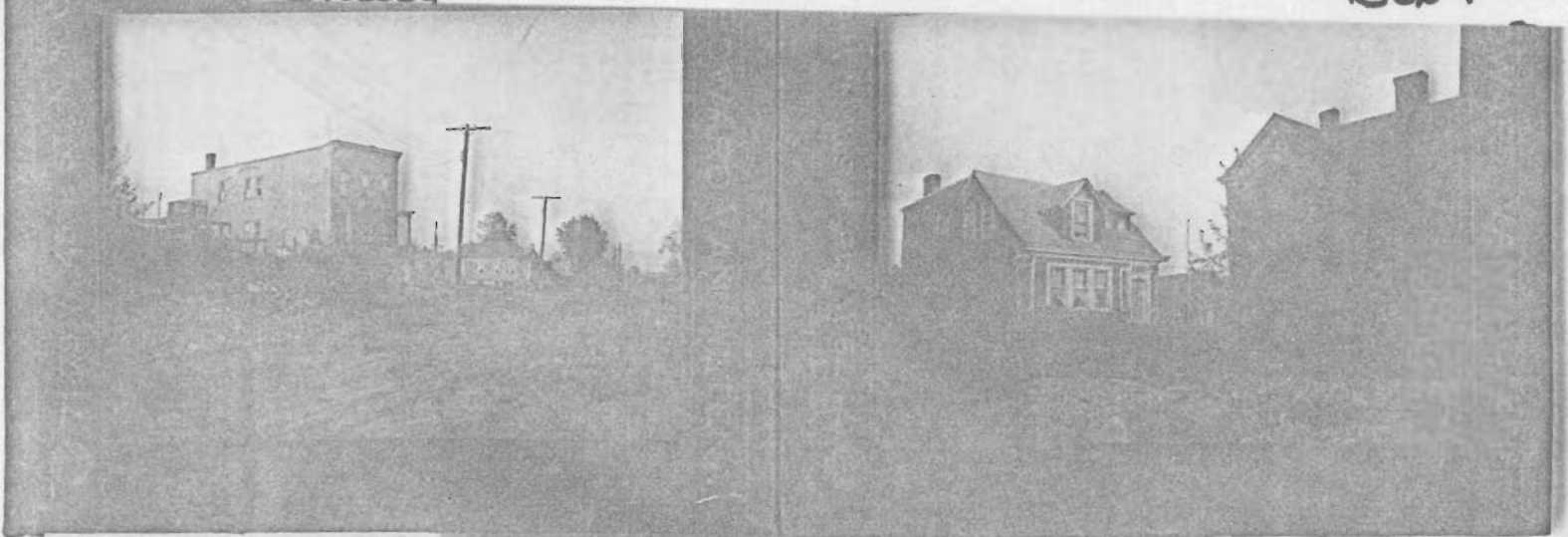


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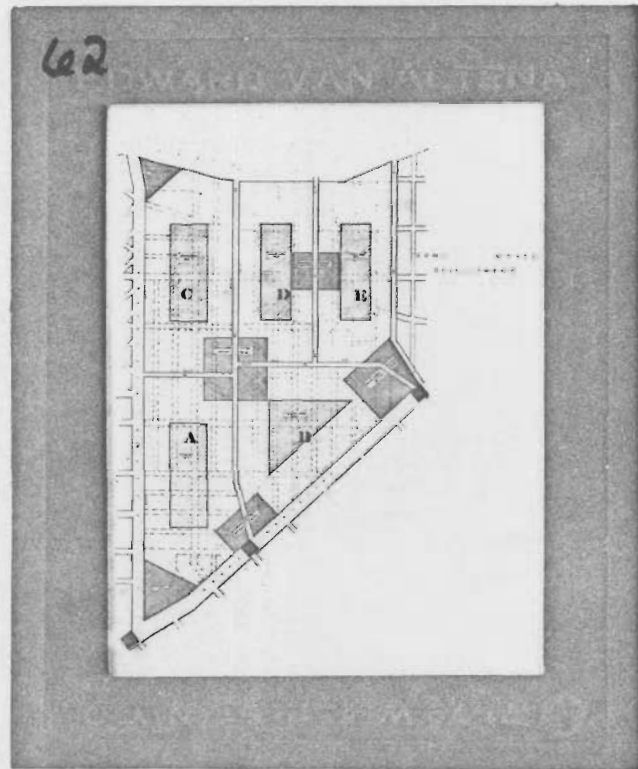
61

School in H.C. Plan with Hedges  
parating playgrounds from Apt. Bldgs.



Corona Meadows Studies

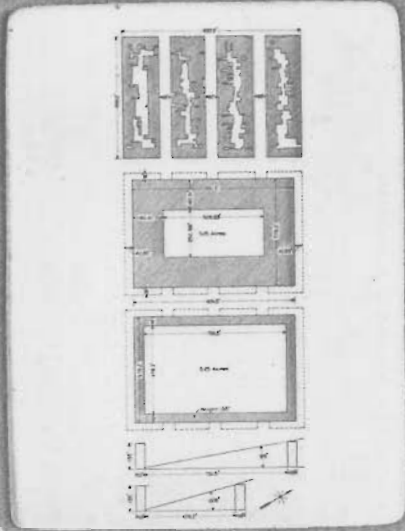
Box 1



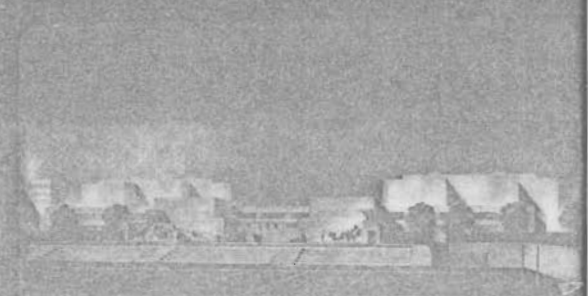
# Neighborhood Improvement - Cord Meyer Development

Box 1

63

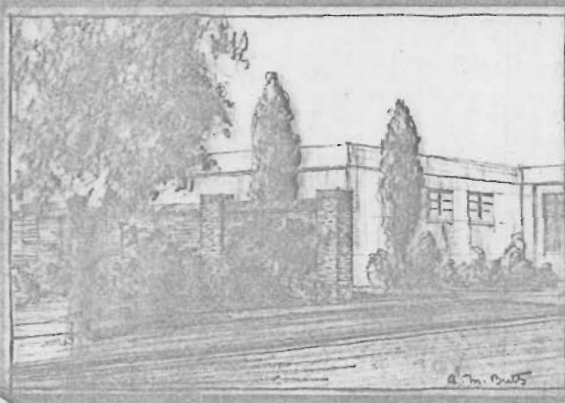


64



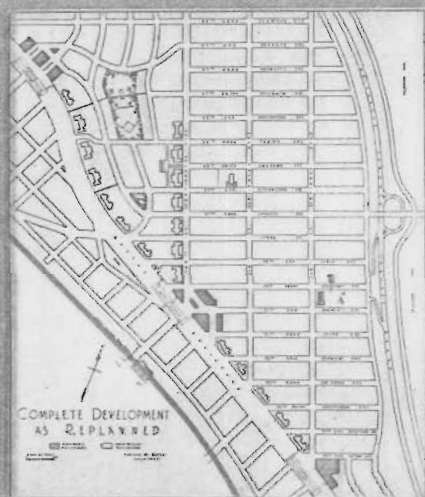
Athletic Field in Low-Cost Neighborhood Unit

65



Cord Meyer Development - Separation of Business and Residence by masonry wall

66

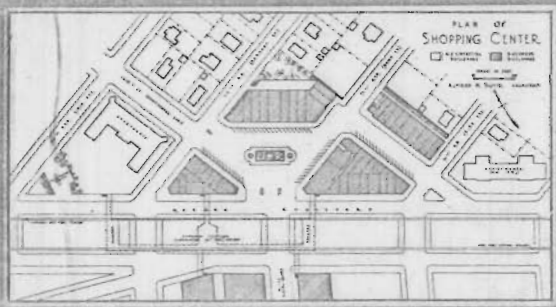


Cord Meyer Development - Complete Development as Replanned

2182

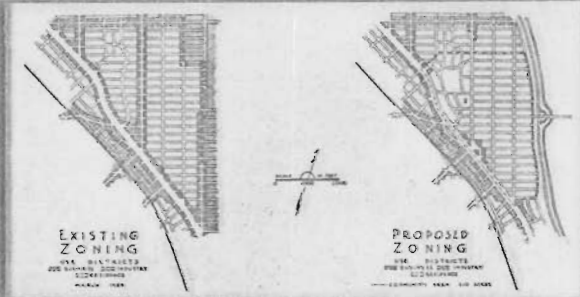
2182

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Cord Meyer Development - Plan of Shopping Center

69



Cord Meyer Development - Existing and Proposed Use Zoning

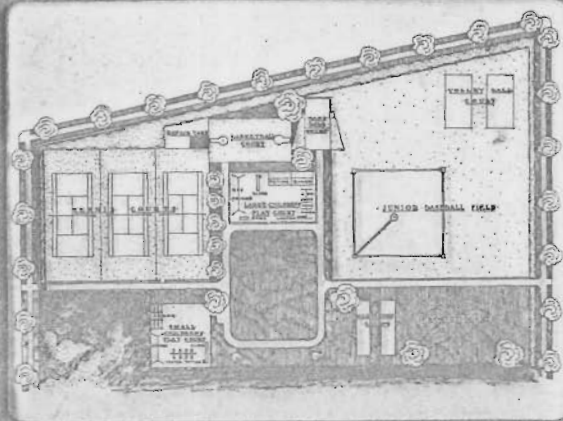
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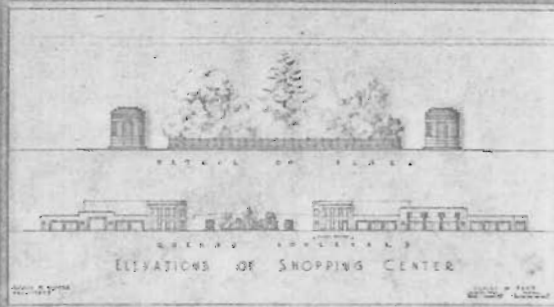
# Neighborhood Improvement - Cord Meyer Development

Box 1

69



70



Cord Meyer Development - Elevations  
of Shopping Center

5812

Colored Slides

#3442  
Box 1

71



72



73



74



75



76



609

609

600

965

645

73-75

Radburn, N.J. N. Dean

p. 17



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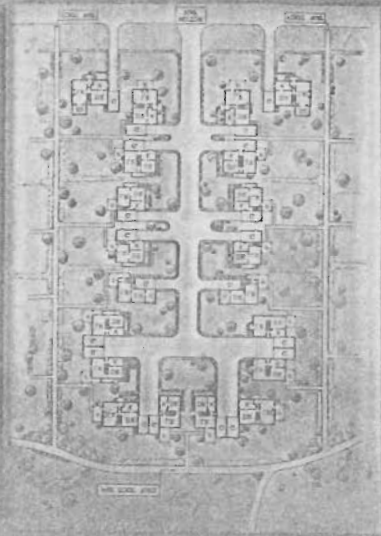


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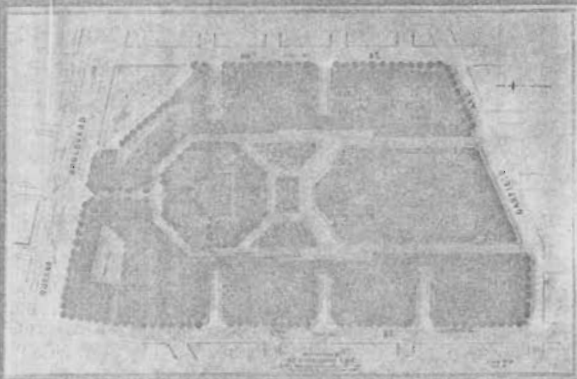
80



Apartment Buildings of High-Cost Neighborhood Unit



81

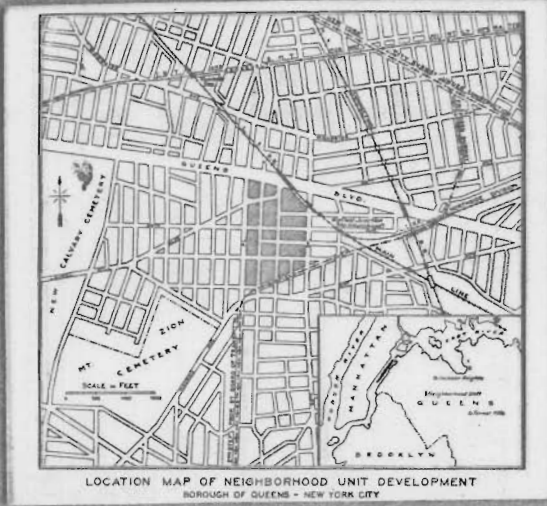


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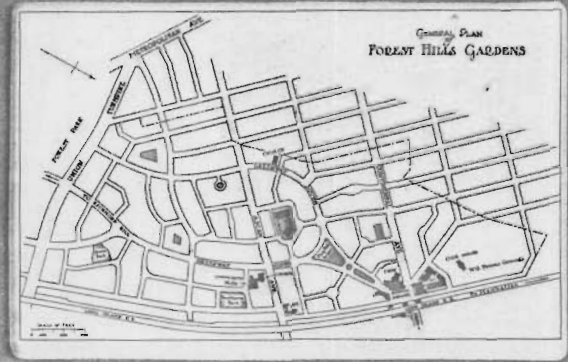


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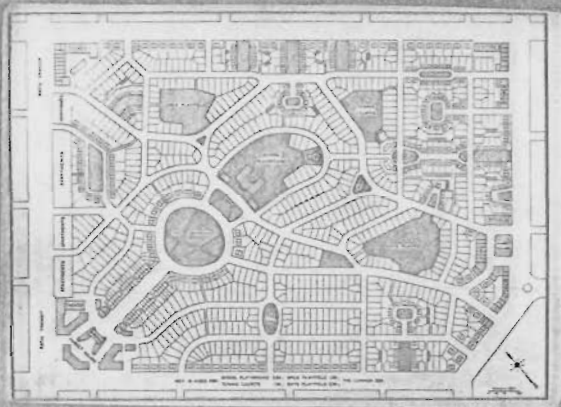
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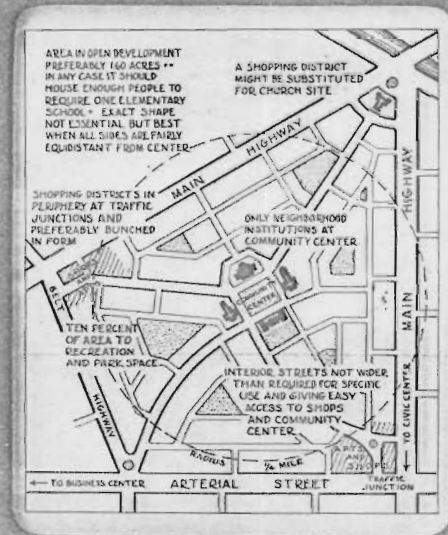
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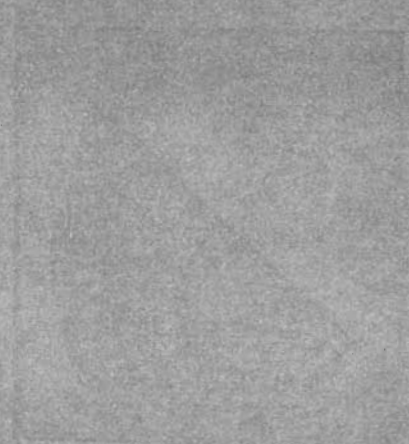


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Plot-Plan of High-Cost Neighborhood Unit Housing 5,000 people

90



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Apartment Buildings of Low-Cost Neighborhood Unit

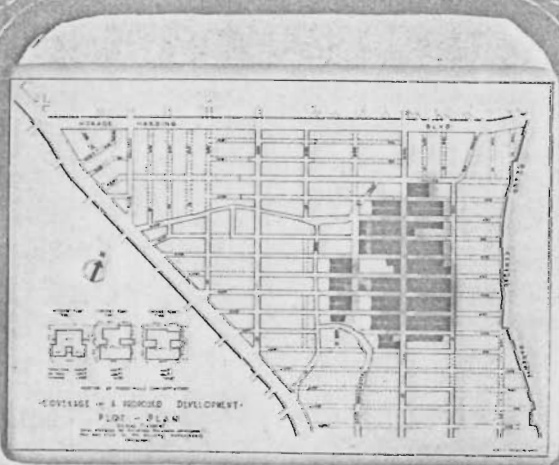
92



Plot-Plan for Low-Cost Neighborhood Unit Housing 6,000 people

93

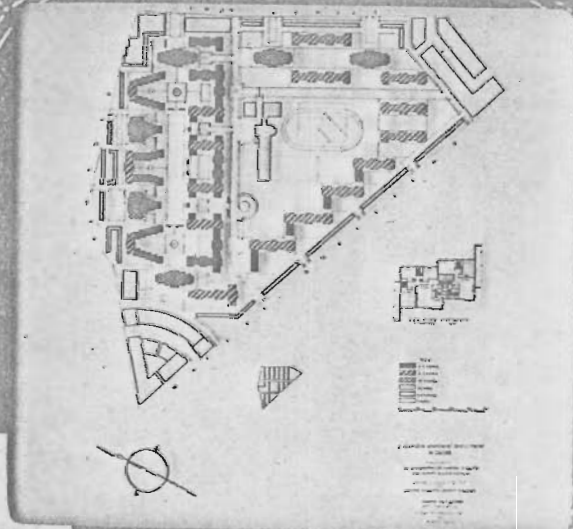
131 East 23d Street, New York



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131 East 23d Street, New York



BESELER LANTERN SLIDE CO. Inc.

# Children Enjoy Life AT Jackson Heights

NEW YORK CITY

PLAYGROUNDS that are completely equipped and supervised—great spaces devoted to providing happy, healthful hours of fun and play; excellent schools, private and public, reached over parked streets free of commercial traffic, fill the children's days and leave parents free from worry and care.

For winter recreation, the tennis courts are converted into two fine skating rinks—and the activities of the community clubhouse, carefully maintained, insure desirable social life.



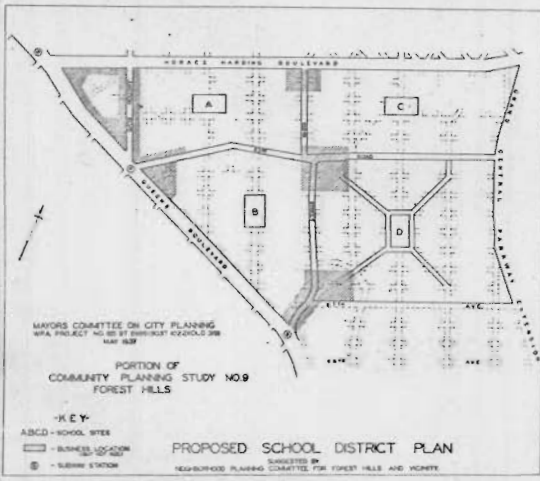
If you are now paying \$140 to \$180 a month in rent, you can purchase, with a moderate down payment, a New Garden Apartment under the Jackson Heights Plan of Cooperative Apartment Ownership and SAVE HALF YOUR RENT.  
Garden Apartments 5, 6 & 7  
Rooms \* \* \* \* \*

2



3

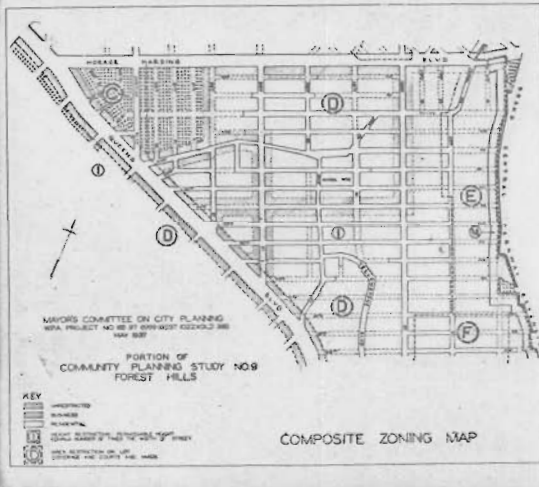
131 East 23d Street, New York



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4

131 East 23d Street, New York

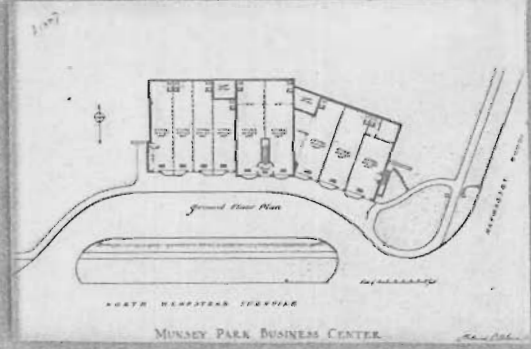


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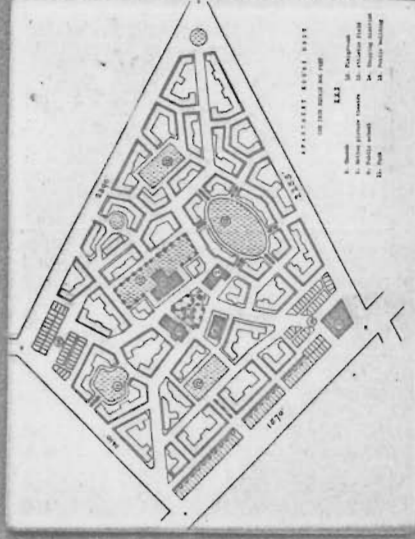




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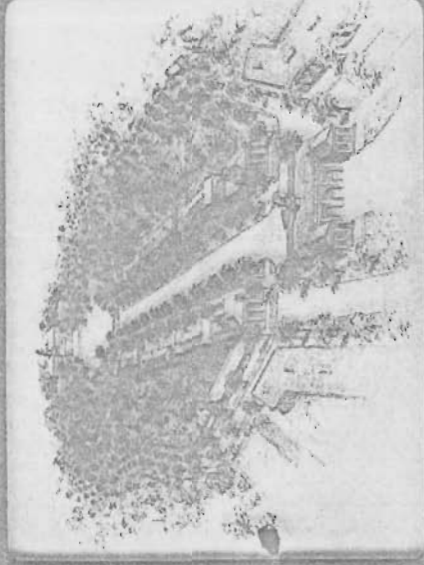
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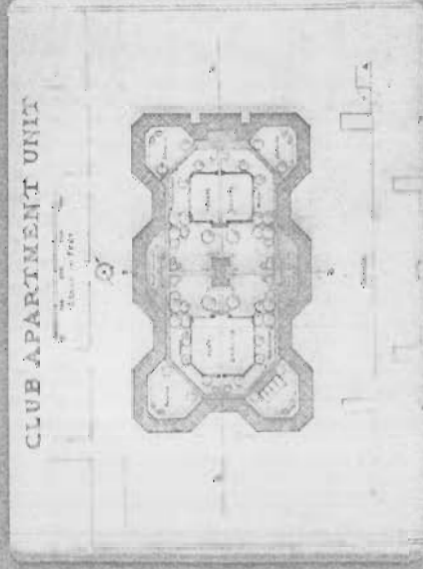
9

APARTMENT HOUSE UNIT	
Apt. sites	15.9 per cent
" yards	30.5
Open spaces	11.3
streets	33.4
Local business	6.5
General business	2.4
Total area	75.7 acres
Suites	1200 sq. ft.
5 stories	2,620
Families per acre	34.6
Pop. at 4.2 per family	11,000
School children	1,800

10



11



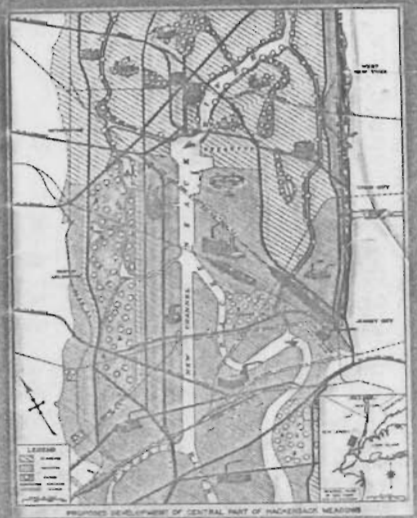
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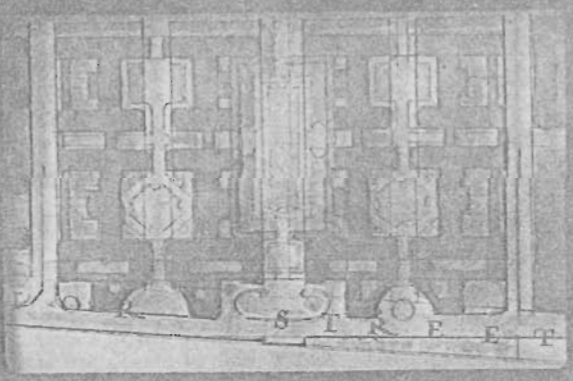
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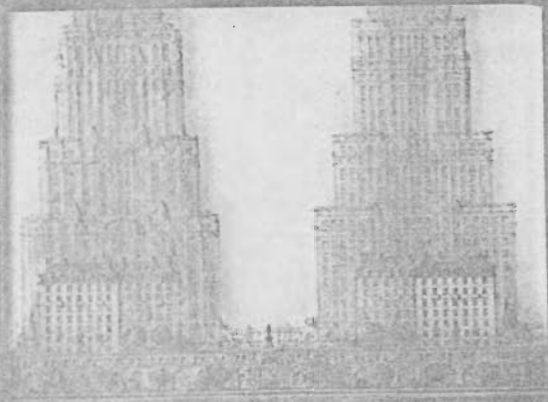
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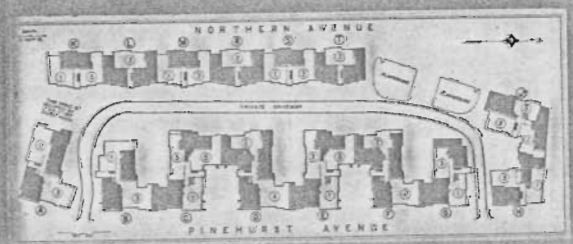
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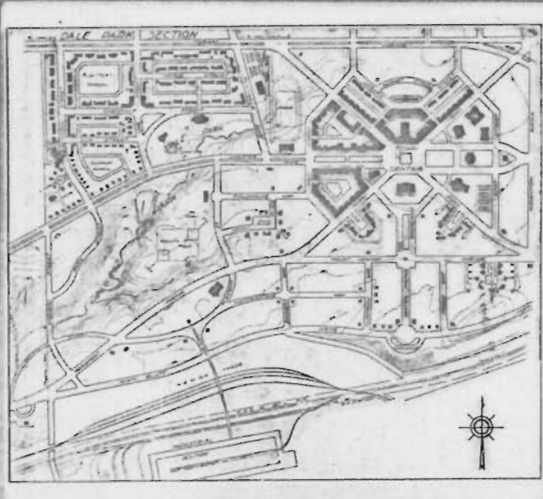


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19



20

RADIO-MAT PATENTED

EAST SIDE DATA

Pop. of district 1925 115,821  
 Average per 4 blocks 7,512  
 Population as replanned 97,587  
 Reduction, per cent of 1925 15.7

21

RADIO-MAT PATENTED

APARTMENT HOUSE UNIT

	Acres	%
Streets	31.5	43
Open spaces	6.7	9
Apt. yards	17.7	33
Buildings	19.8	26
Total area	75.7	100
Suites (1600 sq.ft.)		2392
Pop., 10,000; per acre		132
Open spaces per 1000:		
Parks and playgrounds	.67	
With apartment yards	2.44	

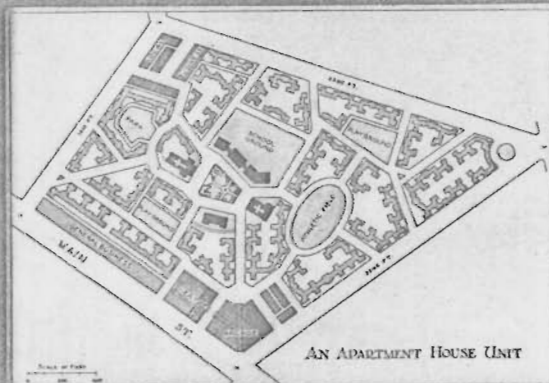
22

RADIO-MAT PATENTED

INDUSTRIAL UNIT

Dwellings	45.6 per cent
Open spaces	10.6
Business	5.1
Warehouses	3.2
Streets	35.5 100.0
Total area	101.4 acres
No. families	2,000
Ground per family	1003.7 sq.ft.
Inc. open spaces	1216 sq.ft.
Families in apts.	32%

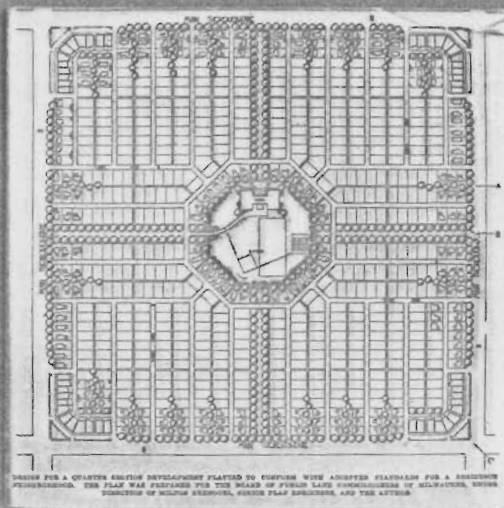
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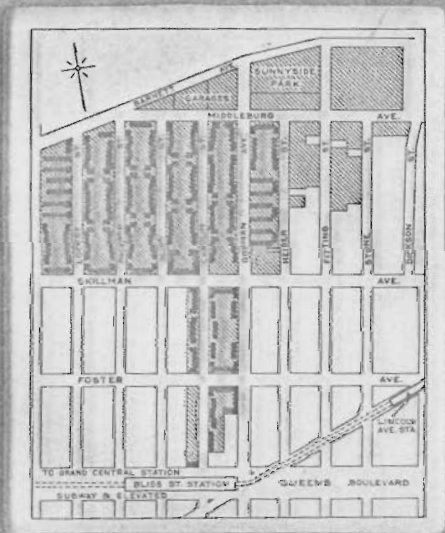
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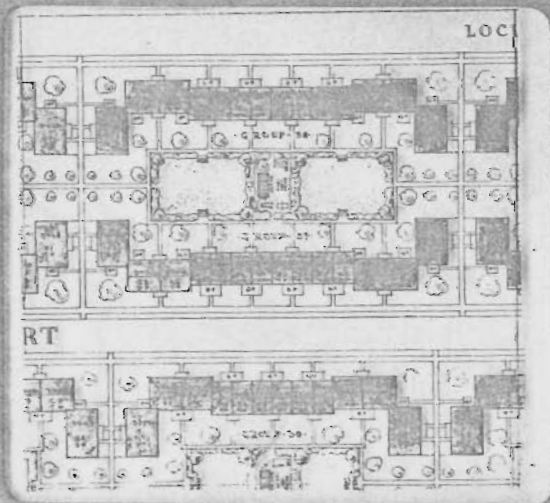
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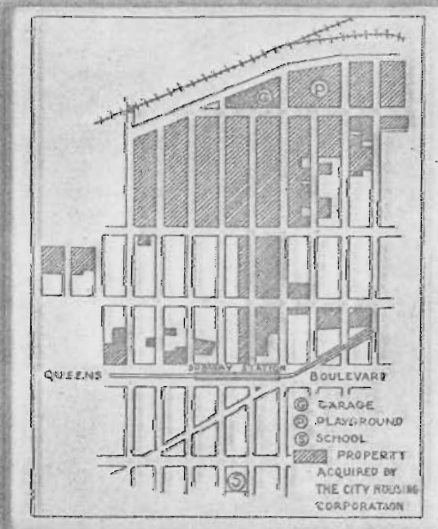
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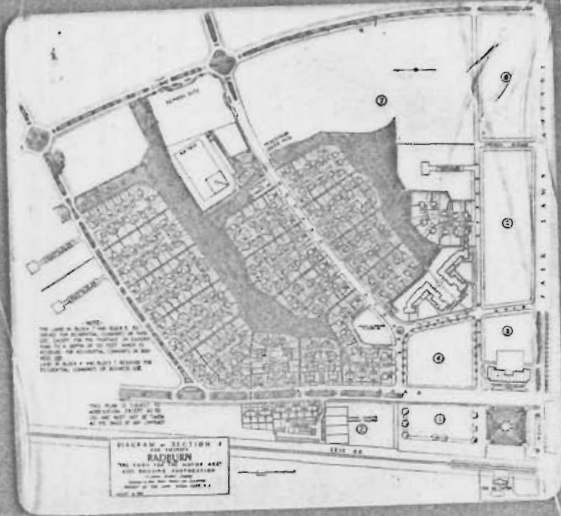
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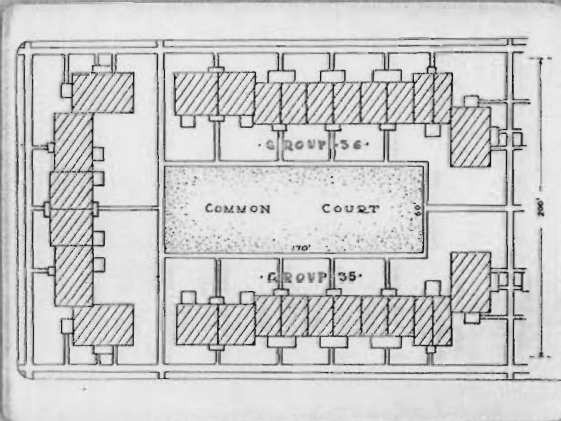


EDWARD VAN ALSTENA

31



32



EDWARD VAN ALSTENA

33

RADIO-MAT PATENTED

PLAY FACILITIES

School yards	3.00	acres
Play fields	5.50	"
Tennis courts	2.25	"
Commons	2.25	"
Parklets	3.00	"
	<u>16.00</u>	"

No child should be obliged to cross a traffic-ridden street in going to a playground. Recreational and school districts identical.

RADIO-MAT SIDEWALKS

NEW YORK

34



35

## SCHOOLING REQUIREMENTS

One elementary school building. Capacity 800 to 1,500 pupils. No home more than  $\frac{1}{2}$  mile away. Site centrally placed within district. Accessible without crossing arterial streets. Yard at least 3 acres. Population fairly homogeneous.

36

## NEIGHBORHOOD UNIT

Streets	27.45 per cent
Residences	56.24
Business	4.07
Open spaces	12.24 100.00

Dwellings & apartments 1,241  
 Population at 4.93 per family 6,125  
 Families per gross acre 7.75

37



38

## NEIGHBORHOOD

<u>Offices</u>	<u>Amusement places</u>
Bank	Bowling
Insurance	Billiards
Physician	Movies
Dentist	
Real estate	

39

## ELEMENTS OF NEIGHBORHOOD PLANNING

<u>Objectives</u>	<u>Means</u>
Schooling	Reserving site
Play	Open spaces
Shopping	Zoning
Residential quality	Plan and restrictions

40

## POSSIBLE COMMON FACILITIES

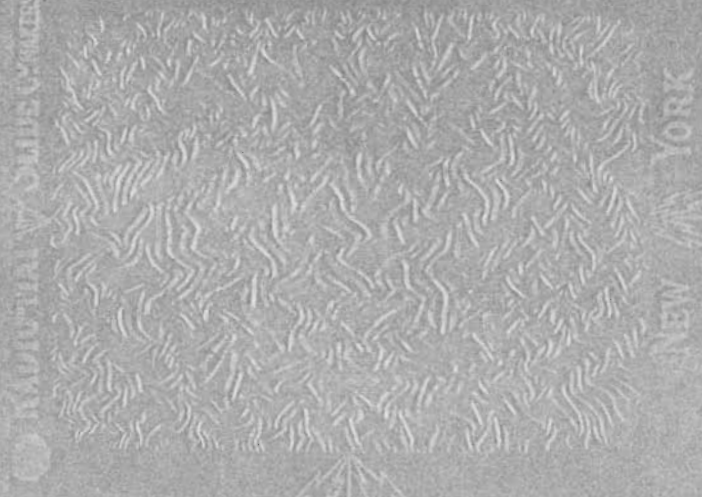
Hotel and restaurant  
 Elementary school  
 Gymnasium and swimming pool  
 Auditorium and stage  
 Club rooms  
 Library  
 Art gallery

41 RADIO PATENTED

NEIGHBORHOOD SERVICES

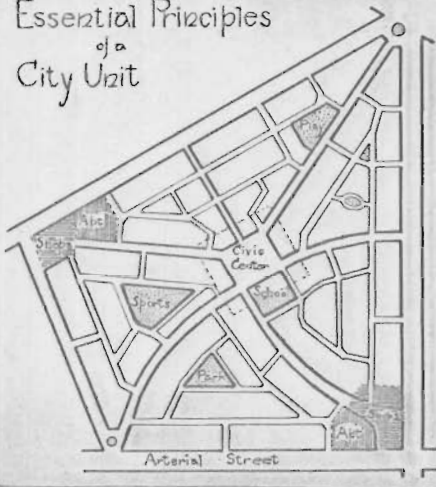
- |              |         |
|--------------|---------|
| Telegraph    | Garage  |
| Gasoline     | Express |
| Restaurant   | Plumber |
| Electrician  | Jeweler |
| Shoe-maker   | Laundry |
| Barber       | Tailor  |
| Hair-dresser |         |

42 RADIO PATENTED

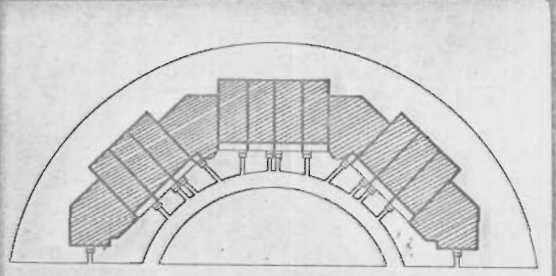


43

Essential Principles of a City Unit

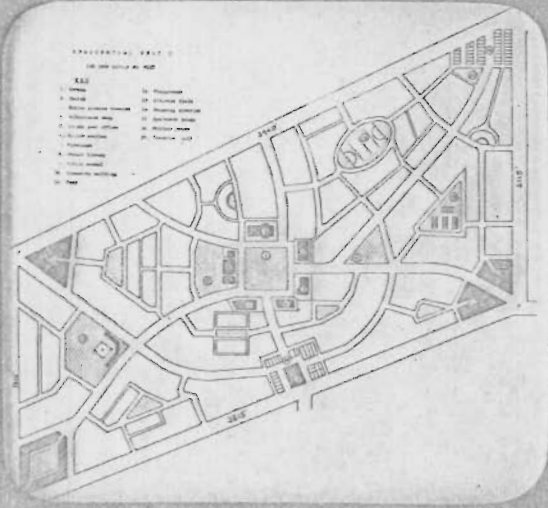


44



A LAY-OUT IN FOREST HILLS GARDENS

45



46





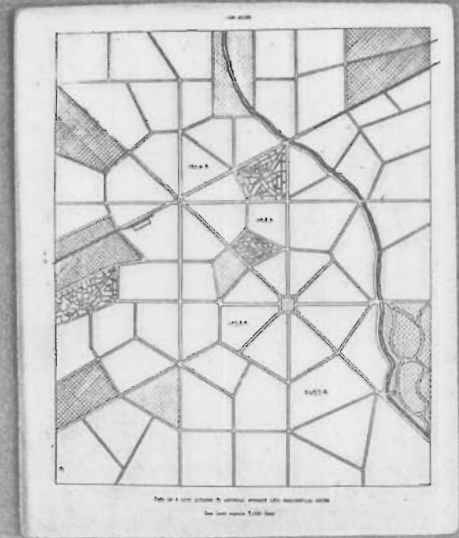
47

RADIO PATENTED

Live near your work.  
A bit of sod for everybody.

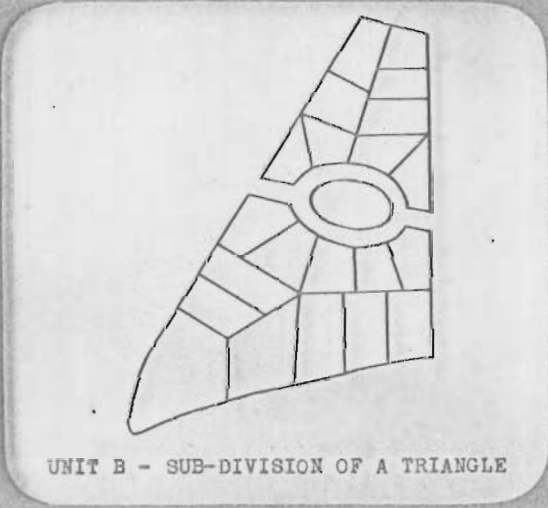
New York

48



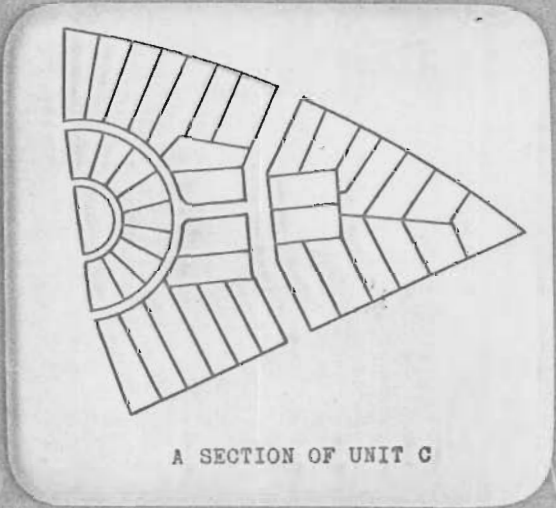
EDWARD VAN ALSTEN

49



UNIT B - SUB-DIVISION OF A TRIANGLE

50



A SECTION OF UNIT C

EDWARD VAN ALSTEN

51



52

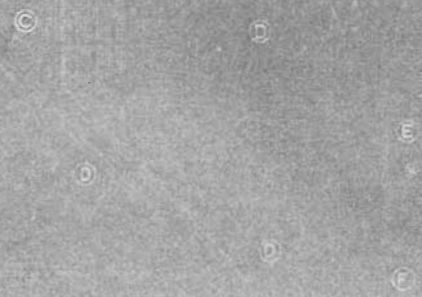
AVERAGE POPULATION PER BUSINESS CONCERN  
BASED ON DATA OF SEVEN CITIES

Type of Concern	Population	Type of Concern	Population
1 Grocery	641	17 Shoes	5,319
2 Meat Market	1,023	18 Shoemaker	5,658
3 Restaurant	1,406	19 Florist	6,117
4 Druggist	1,683	20 Jeweler	6,418
5 Garage	2,185	21 Millinery	6,531
6 Merchant Tailor	2,204	22 Hairdresser	6,547
7 Plumber	2,209	23 Cleaner & Dyer	6,608
8 Confectionery	2,714	24 Dressmaker	7,568
9 Bakery	2,749	25 Laundry	7,772
10 Fruit & Vegetable	3,728	26 Musical Instruments	9,785
11 Hotel	4,484	27 Bank	10,635
12 Furniture	4,542	28 Purifier	20,467
13 Dry Goods	4,642	29 Typewriter	34,421
14 Cigars & Tobacco	4,907	30 Sporting Goods	38,841
15 Undertaking	6,650	31 Department Store	45,914
16 Coal	8,899		



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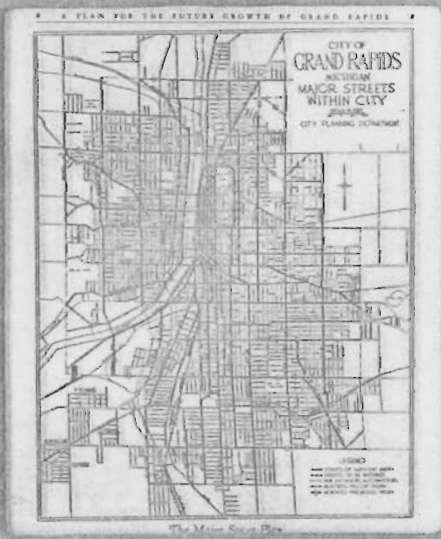
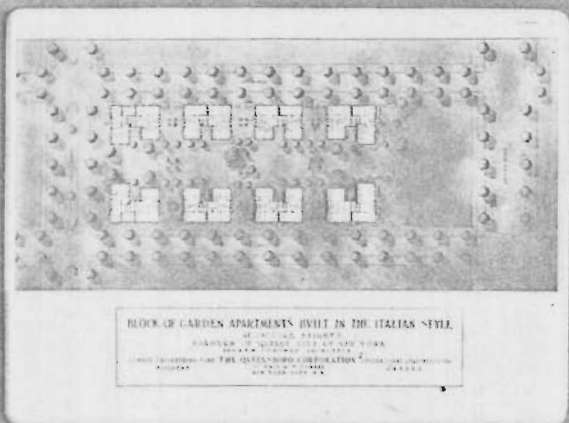
56

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100



59

58

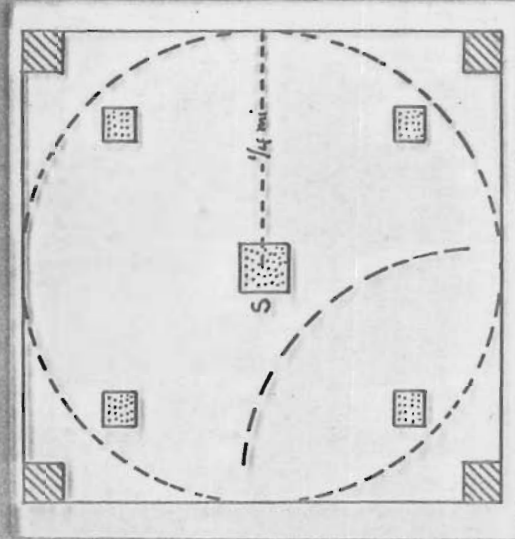


# Unit Principles

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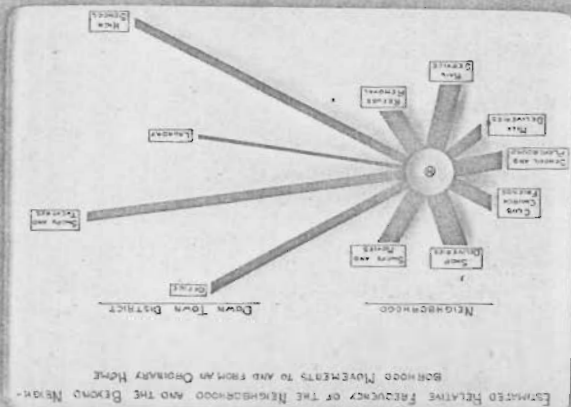
## CITY BUSINESS PLACES

- 1 Department stores
- 2 Clothing stores
- 3 Automobile agencies
- 4 Booksellers
- 5 Furniture and carpets
- 6 Coal and wood
- 7 Optical goods
- 8 Sporting goods
- 9 Typewriters
- 10 Musical instruments

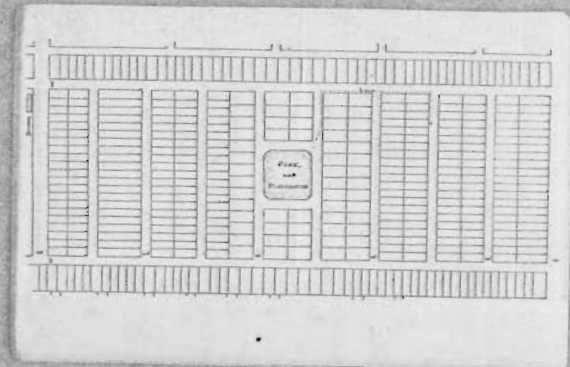
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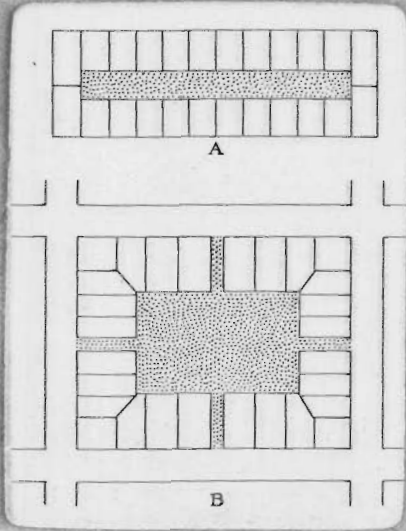
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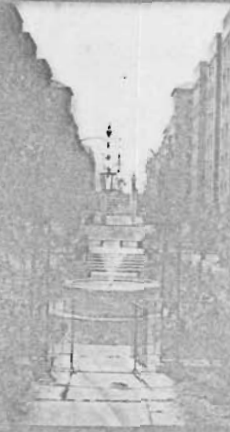
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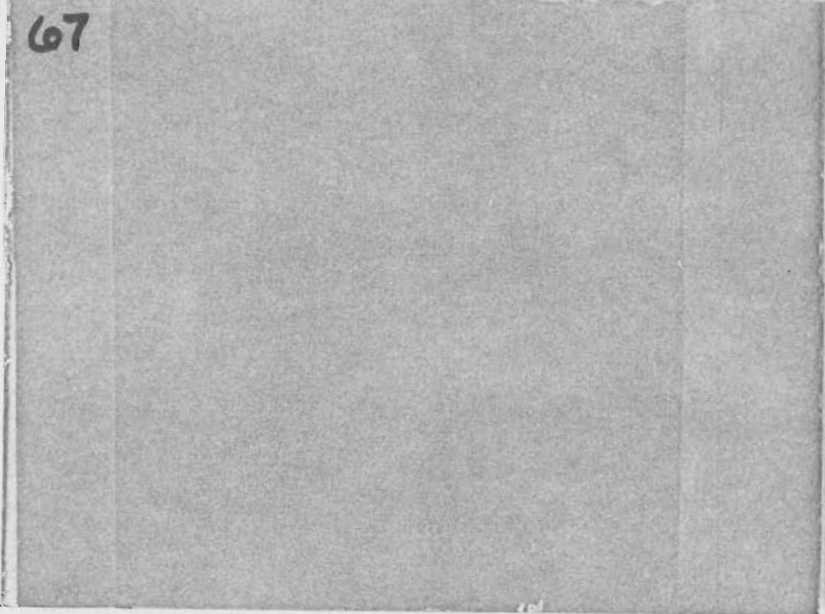
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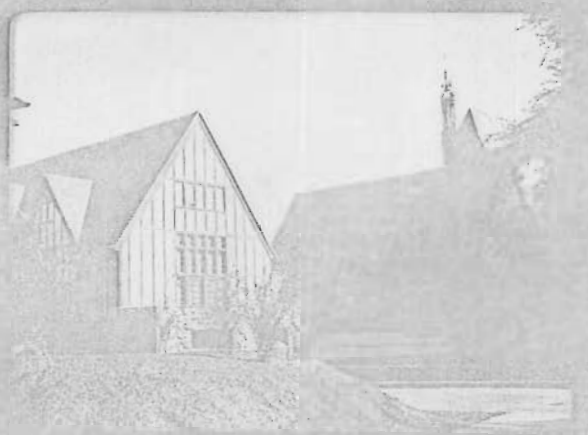
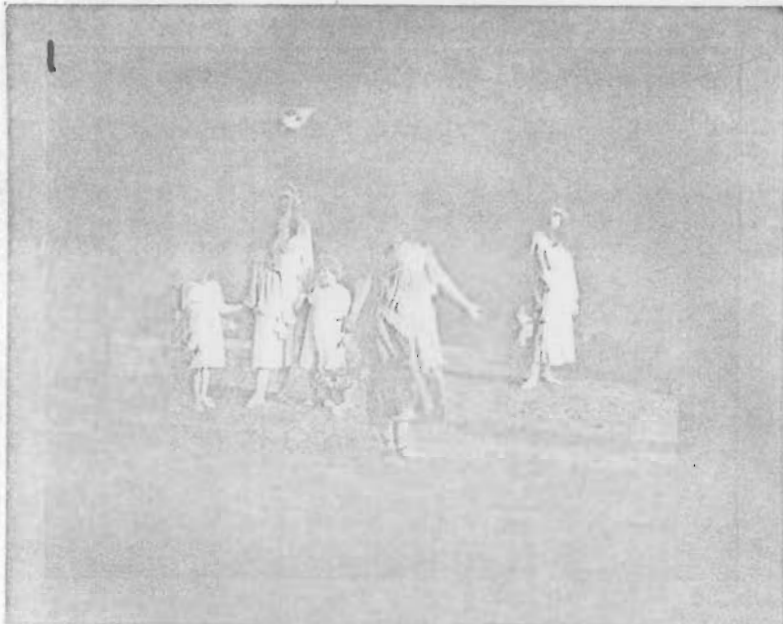




No. \_\_\_\_\_  
DATE \_\_\_\_\_  
SERIES \_\_\_\_\_



2 AUSTIN K. HANKS,  
FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.



4

4 No. \_\_\_\_\_  
DATE \_\_\_\_\_  
SERIES \_\_\_\_\_

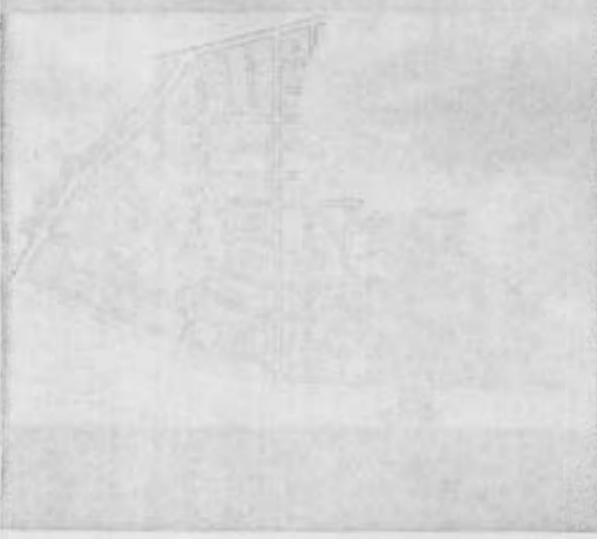


3 AUSTIN K. HANKS,  
FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.



9

9 WM. H. PIERCE & CO., 352 Washington St., BOSTON.



5





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NO. \_\_\_\_\_ DATE \_\_\_\_\_  
SERIES \_\_\_\_\_

AUSTIN K. HANKS,  
FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.

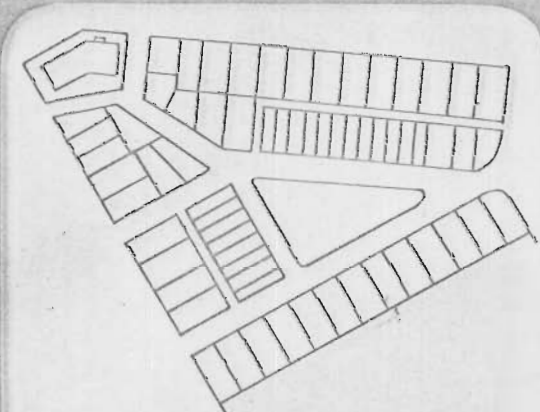


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NO. 550 DATE July 4, 1914  
SERIES \_\_\_\_\_

COLOR PLATE BY PHOTOGRAPHY  
AUSTIN K. HANKS,  
FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.



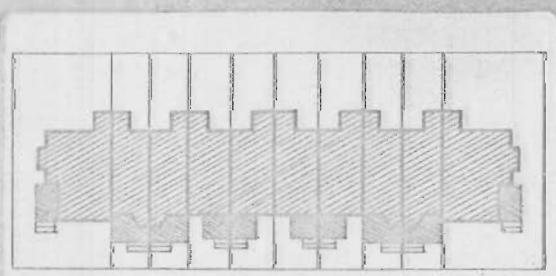
UNIT B - A SAMPLE OF LOT SUB-DIVISION

11

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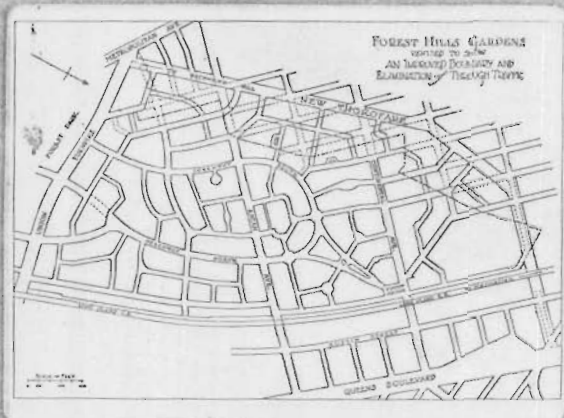
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SERIES \_\_\_\_\_

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FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.

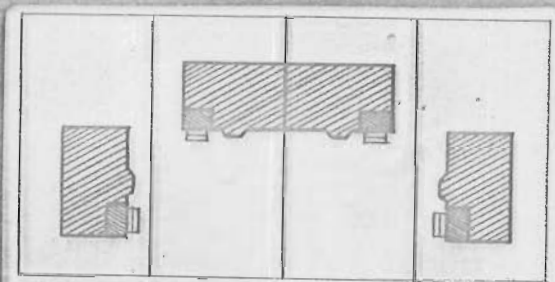


TWENTY-FIVE AND FIFTY FOOT HOUSES.

13



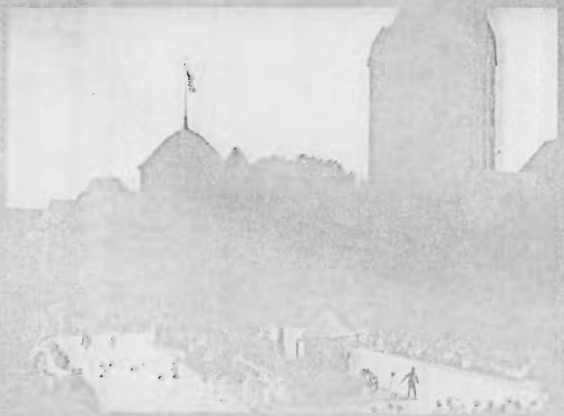
14



A FOUR DWELLINGS ARRANGEMENT

15

AUSTIN K. HANKS,  
 FOREST HILLS GARDENS,  
 LONG ISLAND, N. Y.



NO. \_\_\_\_\_ DATE \_\_\_\_\_  
 SERIES \_\_\_\_\_

16



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19

VOLUNTARY ASSOCIATIONS OF FOREST HILLS GARDENS

- |                             |                         |
|-----------------------------|-------------------------|
| 1 Community Council         | 7 Men's Club            |
| 2 Gardens Corporation       | 8 Choral Club           |
| 3 Women's Club              | 9 Mother's Club         |
| 4 Gardens Players           | 10 Golfers' Association |
| 5 Women's Guild             | 11 Junior Music Club    |
| 6 Audubon Society           | 12 Gun Club             |
| 13 Celebrations Association |                         |

20



21

COLOR PLATE BY PHOTOGRAPHY  
AUSTIN K. HANKS,  
FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.

NO. 549 DATE July 4, 1914.  
SERIES

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COLOR PLATE BY PHOTOGRAPHY  
AUSTIN K. HANKS,  
FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.



25

AUSTIN K. HANKS,  
FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.

NO. \_\_\_\_\_ DATE \_\_\_\_\_  
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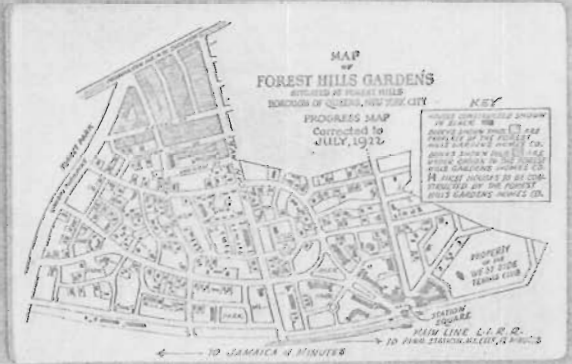


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No. 523 DATE July 1914  
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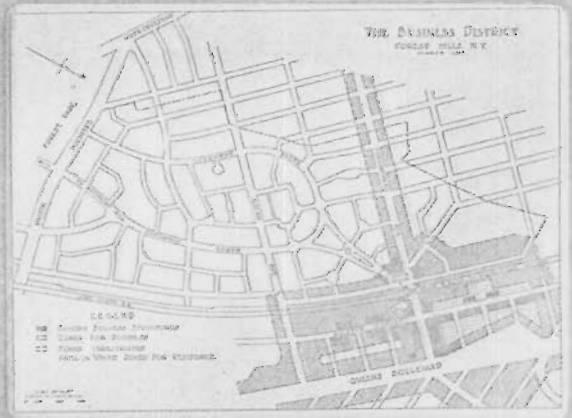
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COLOR PLANT PROTECTOR  
AUSTIN K. HANKS,  
FOREST HILLS GARDENS,  
LONG ISLAND, N. Y.

30

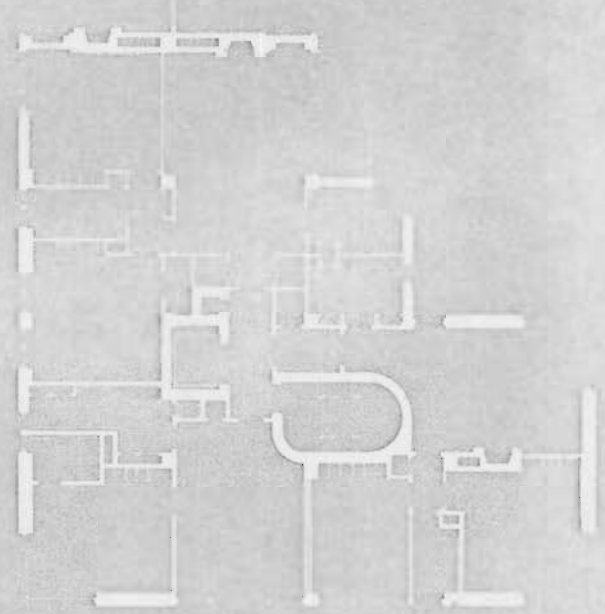


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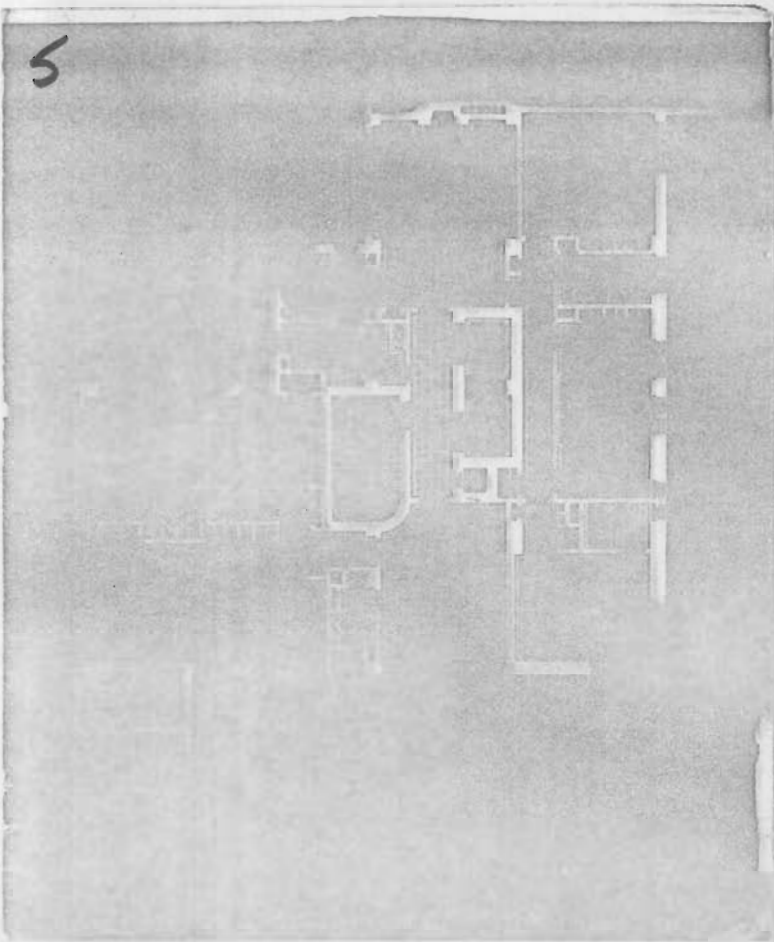
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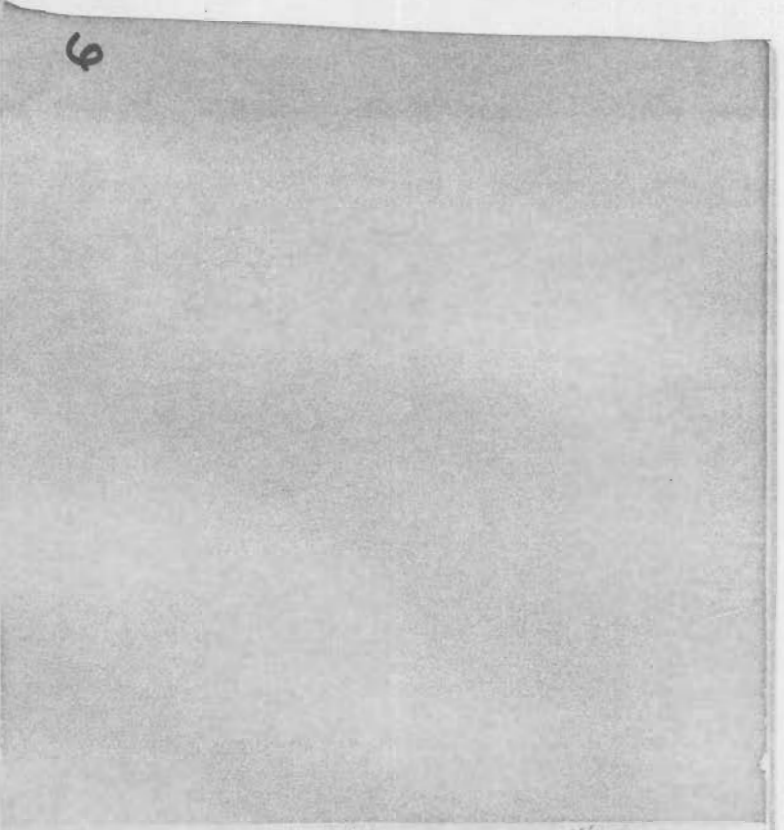
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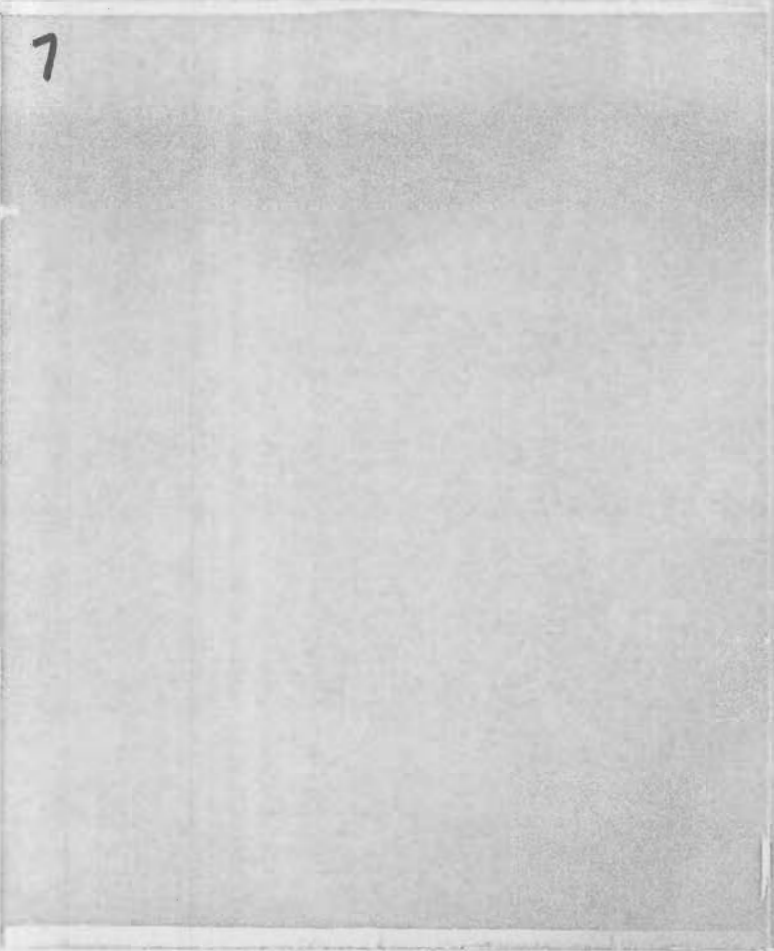
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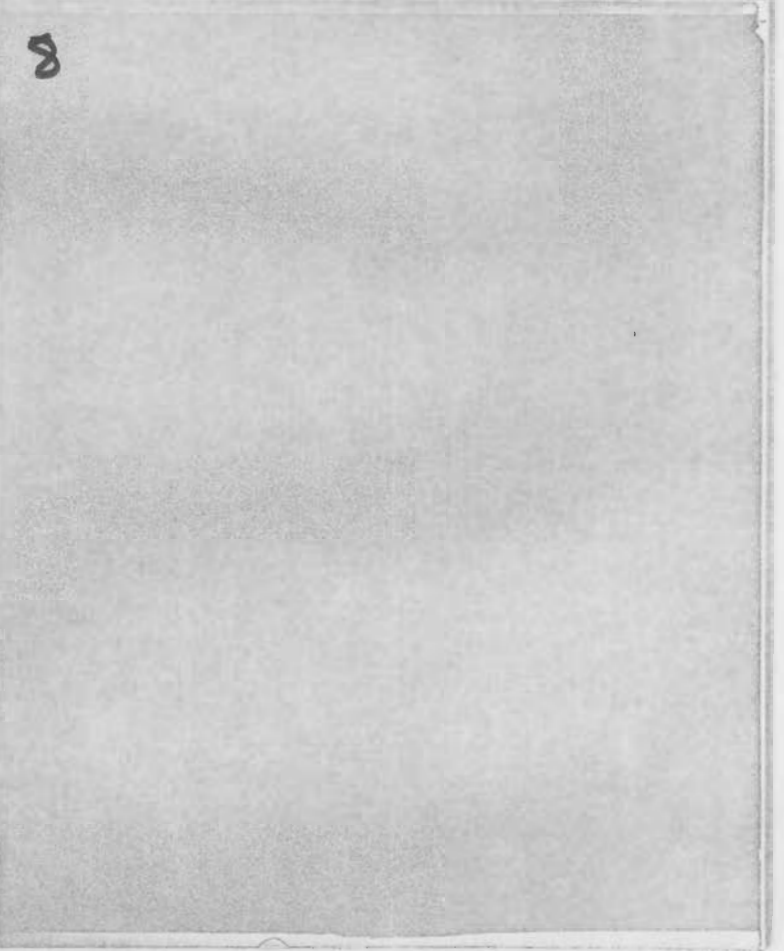
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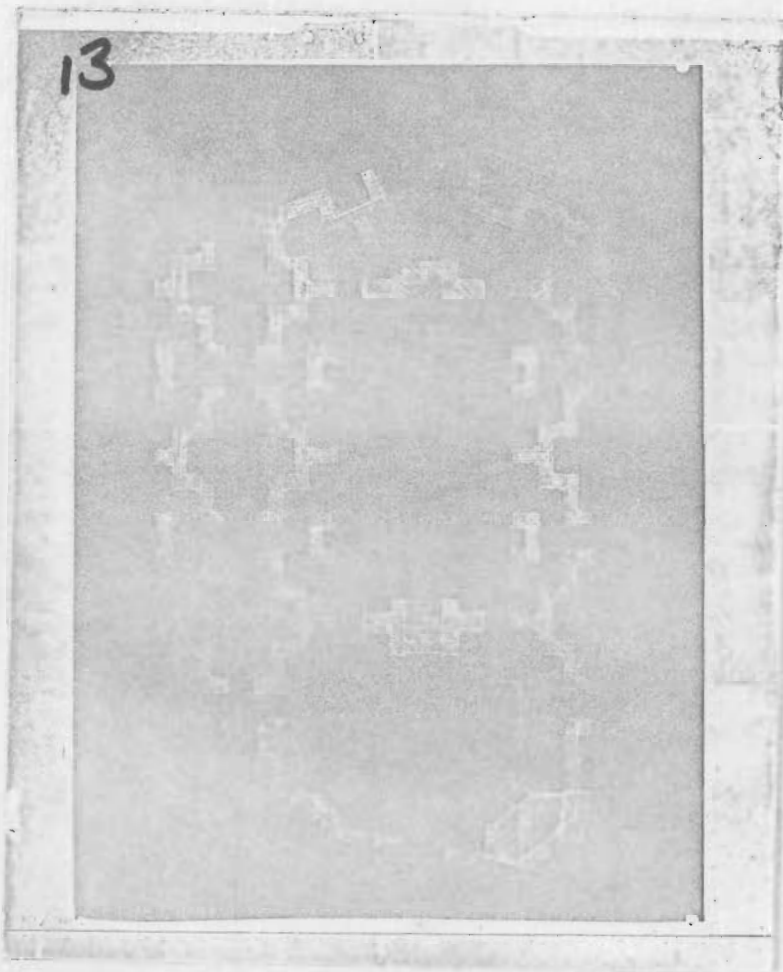
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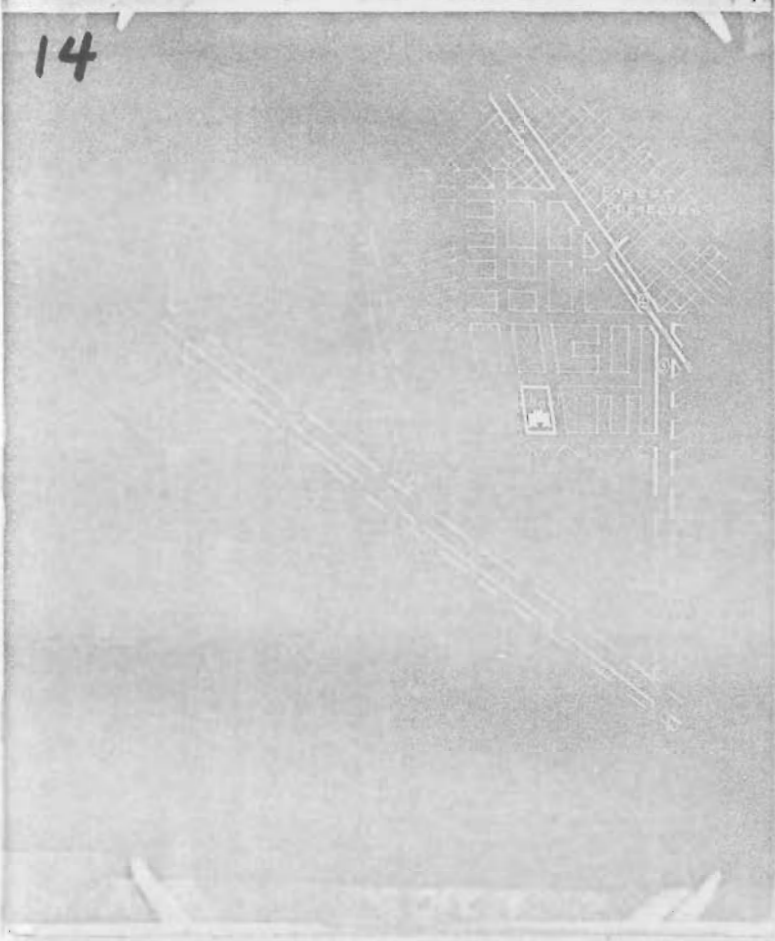
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Box 4

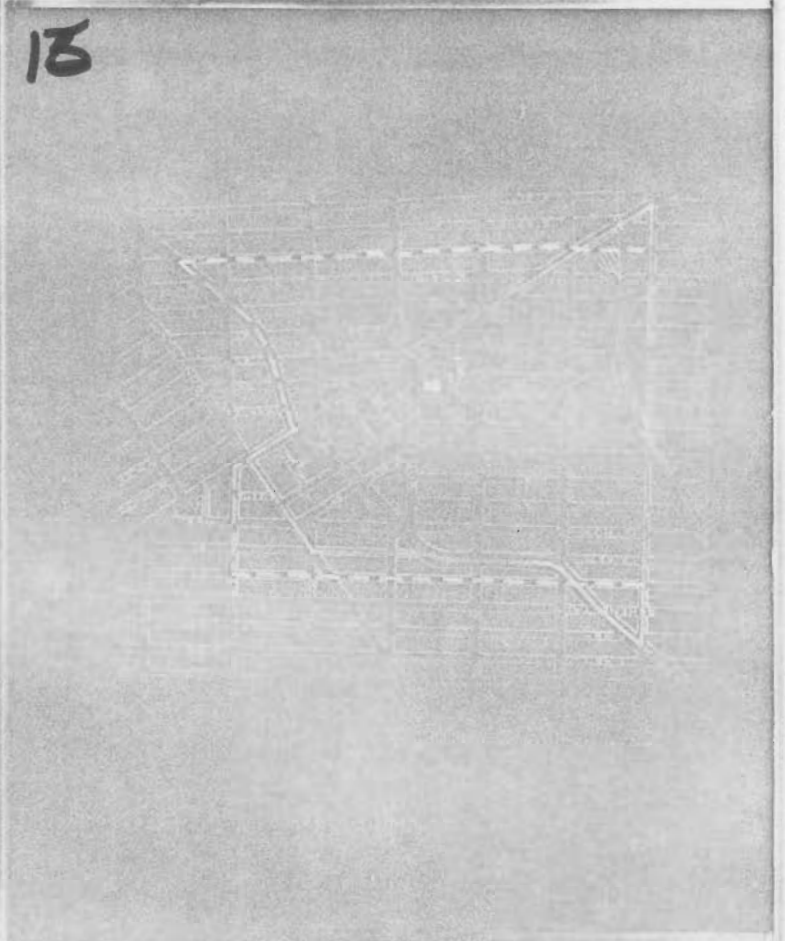


p. 40

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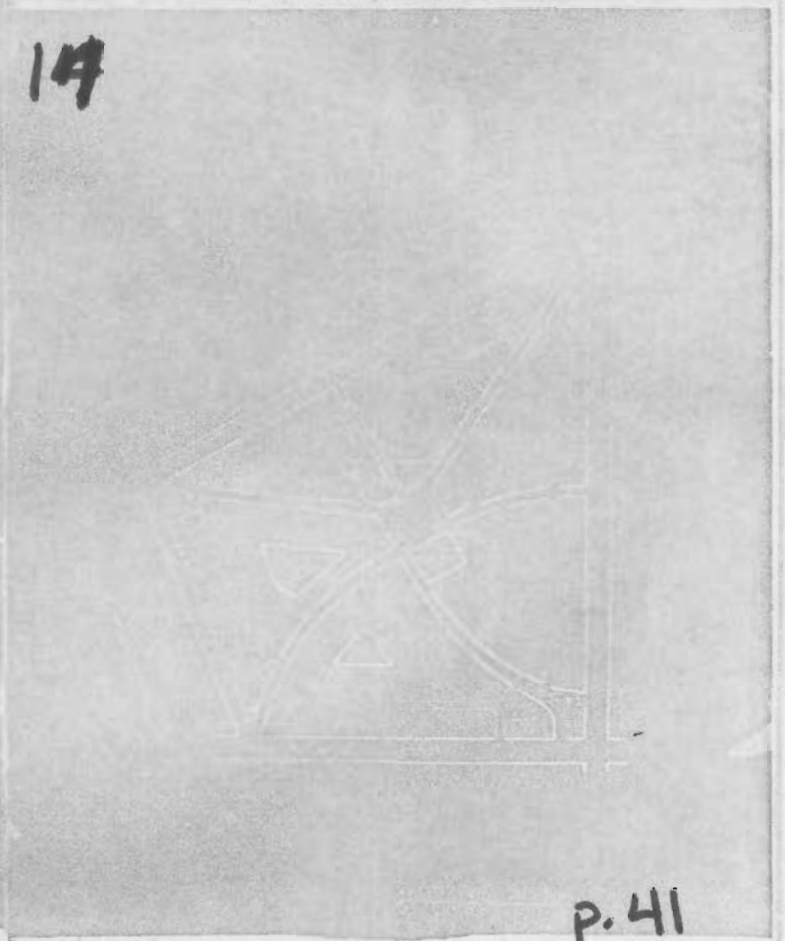
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