



GILL GROUP

NATIONWIDE VALUATION AND MARKET FEASIBILITY EXPERTS

Promises Kept. Deadlines Met.



GILL GROUP

**Need and Demand Analysis For
Barcroft Apartments - Bravo I
1226 South Thomas Street
Arlington, Virginia 22204**

**Prepared For
Jair Lynch Real Estate Partners
1400 16th Street Northwest, Suite 430
Washington, District of Columbia 20036**

Effective Date
June 20, 2024

Date of Report
July 15, 2024



July 15, 2024

Mr. Anthony Staratt
Jair Lynch Real Estate Partners
1400 16th Street Northwest, Suite 430
Washington, District of Columbia 20036

Dear Mr. Staratt:

Following is a market study which was completed for Jair Lynch Real Estate Partners, under the guidelines set forth by Virginia Housing. The subject property is located at 1226 South Thomas Street in the city of Arlington, Virginia. The subject consists of an existing LIHTC development known as Barcroft Apartments – Bravo I (Buildings 12 –16). The subject, Barcroft Apartments – Bravo I, is an existing LIHTC development designated for families. The property consists of two three-story walk-up buildings (buildings 12 to 16) containing a total of 114 units and one accessory building. The subject currently features studio, one, and two-bedroom units. The subject property will undergo renovation. Once renovation is complete, the subject will be feature one, two, and three-bedroom units and will be LIHTC restricted at 30, 50, 60, 70 and 80 percent of the area median income. The buildings have brick exteriors and asphalt shingle or slate roofing.

The purpose of the following market study is to determine if the community has a need for the rehabilitated subject units. To do so, the analyst, Samuel T. Gill, utilized data from the U.S. Census Bureau; Ribbon Demographics, 2024 Data; and various other demographic resources. Community information and opinion was also utilized. This information was collected during a field survey conducted by Samuel T. Gill while visiting the subject on June 20, 2024. An attempt was made to survey 100 percent of all competitive housing in the area.

We certify that there is not now nor will there be an identity of interest between or among the applicant, contractor, architect, engineer, attorney, interim lender, subcontractors, material suppliers, equipment lessors or any of their members, directors, officers, stockholders, partners or beneficiaries without prior written identification to Virginia Housing and written consent to such identity of interest by Virginia Housing. All recommendations and conclusions are based solely on the professional opinion and best efforts of the analysts. This statement is given for the purpose of inducing the United States of America to make a loan as requested in the loan pre-application or application of which this statement is a part.

IN PROGRESS

Samuel T. Gill

Market Analyst

IN PROGRESS

Janice F. Gill, MAI
Market Analyst



TABLE OF CONTENTS

TABLE OF CONTENTS	4
CERTIFICATION.....	7
IDENTITY OF INTEREST	8
NCHMA MEMBER CERTIFICATION	9
I. EXECUTIVE SUMMARY	10
Executive Summary.....	11
Project Description.....	11
Income Averaging.....	12
Housing Profile.....	12
Market Feasibility	13
Evaluation of Project.....	13
Positive/Negative Attributes.....	13
Conclusions	13
II. INTRODUCTION AND SCOPE OF WORK	15
Introduction and Scope of Work	16
III. PROJECT DESCRIPTION.....	19
Project Description.....	20
Project Design.....	20
Unit Features	20
Common Amenities and Services.....	20
Parking.....	20
Utilities	21
Unit Mix, Size and Rent Structure.....	21
Tenant Services	23
Scope of Work	23
Location/Site Characteristics	23
III. SITE EVALUATION	25
Project Location	26
Location Map	27
Vicinity Map.....	28
Community and Site Information	29
Site Characteristics.....	29
Surrounding Land Uses	29
Subject Photos.....	31
Nearby Employment Opportunities.....	46
Regional and Area Data	46
Crime	47
Community Services Legends and Maps	48
Competing Properties Map.....	63
Summary of Site Strengths and Weaknesses	64
IV. MARKET AREA	65
Delineation of Market Area	66
Primary Market Area Map.....	68
V. EMPLOYMENT AND ECONOMY	69
Employment and Economy.....	70
Major Employers.....	72
Place of Work Employment	74
Future Employment Trends	75
Wages.....	76
Employment Outside the County.....	76
Summary of Employment Trends in Market Area.....	77
VI. DEMOGRAPHIC CHARACTERISTICS	78
Population and Households Trends and Analysis.....	79



Housing Market.....	82
Tenure.....	82
Rent Overburdened Households	84
Substandard Households	84
Income Eligibility Analysis.....	85
VII. DEVELOPMENT-SPECIFIC DEMAND ANALYSIS	88
Sources of Demand	89
Required Unit Mix	89
Eligible Households	89
Penetration Rate.....	90
Demand Analysis.....	90
Demand Analysis Summary	92
Capture Rate Analysis	93
VIII. COMPETITIVE ENVIRONMENT.....	94
Housing Profile.....	95
Market Area Overview	95
Housing Inventory.....	95
Projects Planned or Under Construction	95
Unit Condition	95
Housing Units.....	96
Age of Rental Units.....	96
Unit Types.....	97
Unit Size.....	97
Rental Vacancy Rates	97
Vacancy Analysis.....	98
Lease Terms and Concessions	99
Likely Impact of Rehabilitated Development on Rental Occupancy Rates	99
Comparable Profile Pages.....	100
Comparable Properties Map.....	144
Additional Developments	145
Market Rent Analysis.....	146
HUD-Forms 92273 – As Complete.....	147
Evaluation of the Development.....	158
Project Design.....	158
Project Amenities	158
Parking.....	158
Unit Mix	158
Utilities	158
Unit Amenities.....	158
Tenant Services.....	158
Impact of Existing/Planned Rental Housing	158
Summary of Developments Strength and Weaknesses	158
IX. LOCAL PERSPECTIVE AND INTERVIEWS.....	159
Local Interviews	160
X. RECOMMENDATIONS AND CONCLUSIONS	161
Recommendations and Conclusions	162
Project Description.....	162
Income Averaging.....	163
Housing Profile.....	163
Market Feasibility	164
Evaluation of Project.....	164
Positive/Negative Attributes.....	164
Conclusions	164
MARKET STUDY ANALYST STATEMENT OF EXPERIENCE	166



Qualifications of the Analyst	167
ADDENDUM A – DATA SOURCES	170
ADDENDUM B – MARKET STUDY TERMINOLOGY	172
ADDENDUM C – NCHMA INDEX	182
ADDENDUM D - SUBJECT INFO	185
ADDENDUM E – FLOOD DATA	191
APPENDIX F – EXPERIENCE AND QUALIFICATIONS	193



CERTIFICATION

This is to certify that a field visit was made by the market analyst or one of his associates and information was obtained from publications of federal, state and local agencies. Interviews were held with apartment owners or managers, local officials and others as appropriate who may be knowledgeable of the housing market in Arlington.

In accordance with Virginia Housing, I hereby certify that the information provided in this Market Study was written according to Virginia Housing’s market study requirements and is truthful and accurate to the best of my knowledge and belief. The estimates of demand for multifamily housing made by this report are based on the assumption of a free market situation, unencumbered by local mores, affirmative fair housing marketing or prejudice toward the site location.

This is to affirm that I will receive no fees which are contingent upon approval of the project by Virginia Housing, before or after the fact, and that I will have no interest in the housing project.

IN PROGRESS

Samuel T. Gill
Market Analyst

Tax ID Number: 43-1352932

July 15, 2024

IN PROGRESS

Janice F. Gill, MAI
Market Analyst



IDENTITY OF INTEREST

I understand and agree that Virginia Housing will consider an identity of interest to exist between the loan applicant as the party of the first part and general contractors, architects, engineers, attorneys, interim lenders, subcontractors, material suppliers or equipment lessors as parties of the second part under any of the following conditions:

1. When there is any financial interest of the party of the first part in the party of the second part;
2. When one or more of the officers, directors, stockholders or partners of the party of the first part is also an officer, director, stockholder or partner of the party of the second part;
3. When any officer, director, stockholder or partner of the party of the first part has any financial interest whatsoever in the party of the second part;
4. When the party of the second part advances any funds to the party of the first part other than an interim lender advancing funds to enable the applicant to pay for construction and other authorized and legally eligible expenses during the construction period;
5. When the party of the second part provides and pays on behalf of the party of the first part the cost of any legal services, architectural services or interim financing other than those of the survey, general superintendent or engineer employed by a general contractor in connection with obligations under the construction contract;
6. When the party of the second part takes stock or any interest in the party of the first part as part of the consideration to be paid them; and
7. When there exists or comes into being any side deals, agreements, contracts or undertakings entered into thereby altering, amending or canceling any of the required closing documents or approval conditions as approved by Virginia Housing.

I certify that there is not now nor will there be an identity of interest between or among the applicant, contractor, architect, interim lender, subcontractors, material suppliers, equipment lessors or any of their members, directors, officers, stockholders, partners or beneficiaries without prior written identification to Virginia Housing and written consent to such identity of interest by Virginia Housing. This statement is given for the purpose of inducing the United States of America to make a loan as requested in the loan pre-application or application of which this statement is a part.

There is no identity of interest between the loan applicant and the Market Analyst or Gill Group.

IN PROGRESS

Samuel T. Gill
Market Analyst

IN PROGRESS

Janice F. Gill, MAI
Market Analyst

July 15, 2024



NCHMA MEMBER CERTIFICATION



Formerly known as
National Council of Affordable
Housing Market Analysts

This market study has been prepared by Gill Group, Inc., a member in good standing of the National Council of Housing Market Analysts (NCHMA). This study has been prepared in conformance with the standards adopted by NCHMA for the market analysts' industry. These standards include the *Standard Definitions of Key Terms Used in Market Studies*, and *Model Content Standards for the Content of Market Studies*. These Standards are designed to enhance the quality of market studies and to make them easier to prepare, understand, and use by market analysts and by the end users. These Standards are voluntary only, and no legal responsibility regarding their use is assumed by the National Council of Housing Market Analysts.

Gill Group, Inc. is duly qualified and experienced in providing market analysis for Affordable Housing. The company's principals participate in the National Council of Housing Market Analysts (NCHMA) educational and information sharing programs to maintain the highest professional standards and state-of-the-art knowledge. Gill Group, Inc. is an independent market analyst. No principal or employee of Gill Group, Inc. has any financial interest whatsoever in the development for which this analysis has been undertaken.

IN PROGRESS

Samuel T. Gill
Market Analyst
Gill Group

July 15, 2024

I. EXECUTIVE SUMMARY



Executive Summary

It is the opinion of the analyst that a market exists for the proposed rehabilitation of the existing 73-unit development designed for families and that there is no need for alterations of any kind. This recommendation is made based on the information included in this report and assuming that the project is completed as detailed in this report. Any changes to the proposed rehabilitation of the subject could alter the findings in this report.

Project Description

The subject, Barcroft Apartments – Bravo I, is an existing LIHTC development designated for families. The property consists of two three-story walk-up buildings (buildings 12 to 16) containing a total of 114 units and one accessory building. The subject currently features studio, one, and two-bedroom units. The subject property will undergo renovation. Once renovation is complete, the subject will be feature one, two, and three-bedroom units and will be LIHTC restricted at 30, 50, 60, 70 and 80 percent of the area median income. Additionally, the subject will Households with one to three persons and between \$25,440 and \$133,680 would be eligible for the rehabilitated development.

The following chart lists the subject’s **existing** unit mix. The property contains a net rentable area of 74,354 square feet.

Unit Type	# of Units	Square Feet	Total Square Footage
Efficiency	1	436	436
1/1	20	582	11,640
1/1	67	590	39,530
1/1	1	744	744
2/1	4	744	2,976
2/1	19	848	16,112
2/1	2	958	1,916
	114		74,354

The following chart lists the subject’s **proposed** unit mix. The property contains a net rentable area of 73,355 square feet.

Unit Type	# of Units	Square Feet	Total Square Footage
1/1	10	575	5,750
1/1	15	586	8,790
1/1	5	588	2,940
1/1	32	589	18,848
1/1	10	602	6,020
2/1	10	630	6,300
2/1	11	636	6,996
2/1	16	848	13,568
2/1	3	885	2,655
3/1	2	744	1,488
	114		73,355

The following chart lists the subject’s existing unit distribution by unit type, size and rent structure.



Unit Type	# of Units	Square Feet	Current Rent	Utility Allowance
Efficiency	1	436	\$1,270	N/A
1/1	67	590	\$1,360	N/A
1/1	8	590	\$1,370	N/A
1/1	12	590	\$1,380	N/A
1/1	1	590	\$1,620	N/A
2/1	3	840	\$1,620	N/A
2/1	6	840	\$1,625	N/A
2/1	13	840	\$1,630	N/A
2/1	1	840	\$1,635	N/A
2/1	2	840	\$1,700	N/A
	114			

The following chart lists the subject's proposed unit distribution by unit type, size and rent structure.

MAXIMUM LIHTC RENTS AND UTILITY ALLOWANCES							
Unit Type	# of Units	Square Feet	% of Median Income	2024 Maximum LIHTC Rent	Gross Rent	Utility Allowance	Net Rent
1/1	10	588	30%	\$870	\$742	\$0	\$742
1/1	32	588	50%	\$1,450	\$1,165	\$0	\$1,165
1/1	15	588	60%	\$1,740	\$1,319	\$0	\$1,319
1/1	5	588	70%	\$2,030	\$1,328	\$0	\$1,328
1/1	10	588	80%	\$2,321	\$1,527	\$0	\$1,527
2/1	2	738	30%	\$1,044	\$881	\$0	\$881
2/1	14	738	50%	\$1,741	\$1,390	\$0	\$1,390
2/1	10	738	60%	\$2,089	\$1,699	\$0	\$1,699
2/1	3	738	70%	\$2,437	\$1,386	\$0	\$1,386
2/1	11	738	80%	\$2,786	\$1,860	\$0	\$1,860
3/1	1	744	60%	\$2,413	\$2,189	\$0	\$2,189
3/1	1	744	80%	\$3,218	\$2,189	\$0	\$2,189

*The developer is electing to use the income-average minimum set-aside option. The subject's proposed rent/income designation level is 20.0 percent.

Note, the subject's proposed rents are all set below maximum allowable levels.

Income Averaging

The developer has committed to providing one, two, and three-bedroom units at 30, 50, 60, 70, and 80 percent of the area median income. The Consolidated Appropriations Act of 2018 permanently established income averaging as a third minimum set-aside election for new developments. Income averaging allows credit-qualified units to serve households earning as much as 80 percent of the area median income so long as the average imputed income limit of the property is 60 percent or less of the AMI. Owners electing income averaging must commit to having at least 40 percent of the units affordable to eligible tenants. The subject's proposed rent/income designation level is 20.0 percent, and the units will qualify for the income averaging set aside. As noted in the capture rate calculations included on Page 89, the capture rates for each applicable percentage of the area median income are below 1.0 percent and are considered good.

Housing Profile

The rental housing stock in the market area is comprised of single-family homes and market-rate and income-restricted apartment complexes. The market area has an overall rental vacancy rate of 1.4 percent. Of the 4,428 total units verified, 64 were vacant.



The proposed rehabilitation of the existing LIHTC development will not have an adverse impact on the market area. As complete, the property will be 100 percent LIHTC at 30, 50, 60, 70, and 80 percent of the area median income. There were nine income-restricted developments, including the subject confirmed in the market area. Of the confirmed income-restricted developments, all directly compete with the subject. All competing developments maintain high occupancy rates and all but one maintain waiting lists from the subject could draw residents. Therefore, it does not appear the market area is saturated with affordable housing.

Market Feasibility

The following table shows the capture rates for the rehabilitated development.

CAPTURE RATE	
Project Wide Capture Rate - LIHTC Units	0.7%
Project Wide Absorption Rate	4-6 Months

The market shows a net demand of 15,301 households for all units. The subject is an existing LIHTC development that is currently 81.0 percent occupied, with 22 vacant units. As complete, the property will be 100 percent LIHTC at 30, 50, 60, 70 and 80 percent of the area median income. The capture rate is 0.7 percent, which is considered good. In addition, the existing LIHTC properties have high occupancy rates, and the majority maintain waiting lists. Also, the population and households in the market are projected to grow through 2029, and there is economic growth in the region. Therefore, it is the belief of the analysts that the property will continue to be viable within the market area. Consequently, it is firmly believed that the rehabilitated development will continue to satisfy a portion of the demand for rental units within the market. It is believed that the property will meet the demand for affordable housing in the market area.

Evaluation of Project

The subject property is located in a residential neighborhood in the southern portion of Arlington. The subject is located along the west and east side of South Thomas Street. South Thomas Street and South Four Mile Run Drive connects to South George Mason Drive and Columbia Pike. Columbia Pike, or State Highway 244, is a major thoroughfare in the area. Therefore, the subject has average visibility and easy access. The subject's existing site plan and project design are similar to competing apartment developments. The subject's proposed unit mix of one, two, and three-bedroom units will be suitable in the market.

Positive/Negative Attributes

Strengths: The subject's location is comparable to other developments in the market area. Its current and proposed in-unit and common area amenities will be competitive with the other developments in the market area. When these factors are taken into consideration, the subject's rehabilitated units will provide a good value to prospective tenants.

Weaknesses: There are no apparent weaknesses.

Conclusions

The subject can retain its required share of the market area for the following reasons:

- The subject's rehabilitated design and amenities will be competitive with other existing projects. Therefore, no modifications to the subject are necessary.
- Once rehabilitation is complete, the subject will be superior in condition when compared to the majority of the current housing stock.
- The market area's population and households are projected to increase through 2029, indicating a need for additional housing in the market area. In addition, all restricted properties confirmed maintain high occupancy rates, and the majority maintain waiting lists, it appears the market is not oversaturated with affordable rental housing.



-
- Barcroft Apartments - Bravo I is an existing LIHTC development containing 114 units that will be rehabilitated. Once rehabilitated is complete, the subject will feature one, two, and three-bedroom units and be 100 percent LIHTC at 30, 50, 60, 70, and 80 percent of the area median income. Therefore, the rehabilitated subject will continue to be a great asset to the area.
 - The subject is an existing LIHTC development that is currently 81.0 percent occupied. The property will be LIHTC at 30, 50, 60, 70 and 80 percent of the area median income. The rehabilitation of the development will not displace any tenants. However, the absorption rate analysis was conducted as though the property were vacant. The absorption level is typically based on the most recent multifamily developments. There were no recent affordable developments constructed in the market area for which lease up data was available. Therefore, the analyst also considered the opinions of apartment managers and local real estate agents, the current occupancy rates of the surveyed developments and the current waiting lists of the affordable developments, including the subject, confirmed in the market area. After considering all factors, it is estimated that the development could absorb 20 to 25 units per month, resulting in a 95 percent occupancy level within four to six months.
 - According to the past, present and future demographic and economic trends within the primary market area, it is the opinion of the analyst that the rehabilitated development will be suitable for the market area. Given the current low vacancy rates for income-restricted properties as well as the waiting lists at the majority of affordable properties, the development will not have an adverse effect on the existing rental comparables and the anticipated pipeline additions to the rental base.

II. INTRODUCTION AND SCOPE OF WORK



Introduction and Scope of Work

The Scope of Work Rule requires us to gather and analyze information about those assignment elements that are necessary to properly identify the problem to be solved. According to the Standards Rule 1-2, identification of the problem to be solved requires us to identify the following assignment elements.

- Client and any other intended users: The client and developer for this market study assignment is Jair Lynch Real Estate Partners. The intended users of the report are Jair Lynch Real Estate Partners and Virginia Housing. No other users are intended.
- Intended use of the analyst's opinions and conclusions: The intended use of this market study is to apply for Low Income Housing Tax Credits through Virginia Housing.
- Effective date of the analyst's opinions and conclusions: The effective date of the rental estimate is June 20, 2024.
- Subject of the assignment and its relevant characteristics: The subject property is an existing 114-unit apartment complex known as Barcroft Apartments – Bravo I. The property is located along the north and south side of South Taylor Street and the north side of South George Mason Drive. The physical address is 4202 13th Road South. (Buildings 12-16).
- Assignment conditions: Assignment conditions include assumptions, extraordinary assumptions, hypothetical conditions, supplemental standards, jurisdictional exceptions, and other conditions that affect the scope of work. The following assumptions are used in this market study assignment: *The market study was written under the extraordinary assumption that the property will be rehabilitated as indicated in the Scope of Work. The market rents in the need and demand analysis were determined under the hypothetical condition that the subject will be unrestricted or conventional and not subject to any rent restrictions.*
- An environmental audit was not provided. I am not qualified to complete an environmental audit. The stated opinion of rental rates is predicated on the assumption that no hazardous substances or conditions materially affect the subject property.
- The Americans with Disabilities Act (ADA) became effective January 26, 1992. No specific compliance survey or analysis of the identified property has been made to determine whether it is in conformity with the various detailed requirements of the ADA. It is possible that a compliance survey of the property together with a detailed analysis of the requirements of the ADA could reveal that the property will not comply with one or more of the requirements of the Act. If so, this fact could have an adverse impact upon the value of the property. Since there is no direct evidence relating to this issue, it is assumed that no substantial immediate outlays will be mandated by governing authorities to meet ADA requirements.
- Unemployment statistics are based on the information available from the U.S. Department of Labor Bureau of Labor Statistics. The data shown in this report is based on the data available as of the effective date of the analysis. The Department of Labor will periodically revise the data by incorporating additional information that was not available at the time of the initial publication of the estimates. The initial data is revised twice, first within two months of initial publication in order to incorporate additional sample data from respondents in the survey and recalculate seasonal adjustment factors, and second on an annual basis to incorporate a benchmark revision that estimates nearly complete employment counts available from unemployment insurance tax records.
- The U.S. Census Bureau American Community Survey (ACS) uses a series of monthly samples to produce annually updated estimates for the same small areas (census tracts and block groups) formerly surveyed via the decennial census long-form sample. Initially, five years of samples were required to produce these small-area data. Once the U.S. Census Bureau released its first five-year estimates, new small-area statistics were produced annually. The Census Bureau also produces three-year and one-year data products for larger geographic areas.
- The American Housing Survey (AHS) is sponsored by the Department of Housing and Urban Development (HUD) and conducted by the U.S. Census Bureau. The survey provides up-to-date information about the quality and cost of housing in the United States and major metropolitan areas. It also includes questions about the physical condition of homes and neighborhoods, the cost of financing and maintaining homes and the characteristics of people who live in these



homes. The survey is conducted every other year and covers all 50 states and the District of Columbia. The 2015 AHS underwent a major redesign. Prior to this survey, the same households were re-surveyed every two years. A new sample was redrawn in 2015 for the first time since 1985, and new households were asked to participate in the survey. Additionally, the questionnaire was redesigned with some variables added and others dropped or modified. Imputation methods were also streamlined, and the waiving methodology changed. Therefore, some estimates in 2015 are not comparable to previous years.

- The building improvements meet all governing codes, unless otherwise noted in this report.

An **extraordinary assumption**¹ is defined as:

An assignment-specific assumption as of the effective date regarding uncertain information used in an analysis, which, if found to be false, could alter the appraiser's opinions or conclusions. Uncertain information might include physical, legal or economic characteristics of the subject property; or conditions external to the property, such as market conditions or trends; or the integrity of data used in an analysis.

An extraordinary assumption may be used in an assignment only if:

- It is required to properly develop credible opinions and conclusions;
- The analyst has a reasonable basis for the extraordinary assumption;
- Use of the extraordinary assumption results in a credible analysis; and
- The analyst complies with the disclosure requirements set forth in USPAP for extraordinary assumptions.²

A **hypothetical condition**³ is defined as:

A condition, directly related to a specific assignment, which is contrary to what is known by the appraiser to exist on the effective date of the assignment results but is used for the purpose of analysis. Hypothetical conditions are contrary to known facts about physical, legal, or economic characteristics of the subject property; or about conditions external to the property, such as market condition or trends; or about the integrity of data used in an analysis.

A hypothetical condition may be used in an assignment only if:

- Use of the hypothetical condition is clearly required for legal purposes, for purposes of reasonable analysis, or for purposes of comparison;
- Use of the hypothetical condition results in a credible analysis; and
- The analyst complies with the disclosure requirements set forth in USPAP for hypothetical conditions.⁴

¹ Uniform Standards of Professional Appraisal Practice, *2020-2021 Edition* (Effective January 1, 2020 through December 31, 2023) (The Appraisal Foundation, 2020), pg. 4

² Uniform Standards of Professional Appraisal Practice, *2020-2021 Edition* (Effective January 1, 2020 through December 31, 2023) (The Appraisal Foundation, 2020), pg. 14

³ Uniform Standards of Professional Appraisal Practice, *2020-2021 Edition* (Effective January 1, 2020 through December 31, 2023) (The Appraisal Foundation, 2020), pg. 4

⁴ Uniform Standards of Professional Appraisal Practice, *2020-2021 Edition* (Effective January 1, 2020 through December 31, 2023) (The Appraisal Foundation, 2020), pg. 14



The following extraordinary assumptions are used in this market study consultation assignment: *The market study was written under the extraordinary assumption that the property will be rehabilitated as indicated in the Scope of Work.*

The following hypothetical condition are used in this market study consultation assignment: *The market rents in the need and demand analysis were determined under the hypothetical condition that the subject will be unrestricted or conventional and not subject to any rent restrictions.*

This market study was completed in accordance with the requirements set forth in Virginia Housing's 2024 Market Study Guidelines.

Janice F. Gill, MAI, State Certified General Real Estate Appraiser and Market Analyst, oversaw and supervised all data collection and analysis and performed the research. The following actions were taken to complete this market study.

- On June 20, 2024, Jeff Hansen, a Market Analyst, conducted an interior and exterior inspection of the subject property to determine the property's physical and functional characteristics. Jeff Hansen inspected all common areas and at least one unit of each varying type.
- The purpose of this market study is to determine if the community has a need for the subject units. To do so, the analysts utilize data from the U.S. Census Bureau; Ribbon Demographics, 2024 Data; and various other demographic resources. Community information and opinion was also utilized. The research retrieved data from several of the following: internet sites, local newspapers and rental publications, CDP records, owners and managers of local apartment properties, local real estate brokers, fellow analysts and the analyst's office files.
- During the week of June 20, 2024, Jeff Hansen inspected the exterior of each comparable property used in the analysis. During the site inspections or in separate telephone interviews, Jeff Hansen, Samuel T. Gill, Janice F. Gill, MAI, or one of their associates, spoke with the managers of the comparable properties to confirm all data and to collect additional information about each comparable including size, age, amenities, occupancy rates and general market information. The property manager provided floor plans or other information describing the size of comparable units after it was explained that the interior size was needed. The subject and each comparable were contacted on June 20, 2024, in order to reconfirm rental and occupancy data.
- Samuel T. Gill, the primary market analyst, completed the data and adjustments columns of the Rent Comparability Grids and determined the final estimate of rents. After completing the Rent Comparability Grids, Samuel T. Gill derived an estimated market rent and an estimated achievable rent for each unit type. Samuel T. Gill also completed the demand, penetration rate and capture rate conclusions through analysis of all aspects of the subject, market area and demographic data available to the analyst.

III. PROJECT DESCRIPTION



Project Description

Project Name:	Barcroft Apartments – Bravo I
Location:	1226 South Thomas Street Arlington, Virginia
Project Type:	Family
Construction Type:	Rehabilitation
Developer:	Jair Lynch Real Estate Partners
Area Median Family Income:	\$154,700

The subject, Barcroft Apartments – Bravo I, is an existing LIHTC development designated for families. The property consists of two three-story walk-up buildings (buildings 12 to 16) containing a total of 114 units and one accessory building. The subject currently features studio, one, and two-bedroom units. The subject property will undergo renovation. Once renovation is complete, the subject will be feature one, two, and three-bedroom units and will be LIHTC restricted at 30, 50, 60, 70 and 80 percent of the area median income. Additionally, the subject will Households with one to three persons and between \$25,440 and \$133,680 would be eligible for the rehabilitated development.

Project Design

Barcroft Apartments – Bravo I is an existing LIHTC complex comprised of five three-story walk-up buildings containing a total of 114 revenue units. The buildings have a concrete slab foundation and wood framing, with brick exterior and asphalt shingle or slate roofs. The complex was constructed in 1939. The property will be rehabilitated. Landscaping is minimal and consists of grass, trees and shrubs. The property is a scattered site development however, the sites are contiguous.

Unit Features

Each unit contains the following amenities: refrigerator, range/oven, garbage disposal, coat closets, wood and ceramic tile flooring and blinds. As complete, the subject will feature washers and dryers, microwaves, and dishwashers in all units.

Common Amenities and Services

The property provides the following project amenities: picnic area, laundry facility, courtyard, extra storage, and on-site maintenance.

Parking

The complex offers 69 open lot parking spaces for no additional cost, and 24 garage parking spaces for an additional fee of \$150 per month. There is also ample street parking available.



Utilities

The following table describes the subject property's **existing** utility combination.

UTILITY SCHEDULE - AS IS		
Utility	Type	Who Pays
Heat	PTAC Electric	Landlord
Air Conditioning	PTAC Electric	Landlord
Hot Water	Electric	Landlord
Cooking	Gas	Landlord
Other Electric	Electric	Landlord
Cold Water/Sewer	N/A	Landlord
Trash Collection	N/A	Landlord

The following table describes the subject property's **proposed** utility combination.

UTILITY SCHEDULE - AS COMPLETE		
Utility	Type	Who Pays
Heat	Mini-Split Electric	Landlord
Air Conditioning	Mini-Split Electric	Landlord
Hot Water	Electric	Landlord
Cooking	Electric	Landlord
Other Electric	Electric	Landlord
Cold Water/Sewer	N/A	Landlord
Trash Collection	N/A	Landlord

Unit Mix, Size and Rent Structure

The following chart lists the subject's **existing** unit mix. The property contains a net rentable area of 74,354 square feet.

Unit Type	# of Units	Square Feet	Total Square Footage
Efficiency	1	436	436
1/1	20	582	11,640
1/1	67	590	39,530
1/1	1	744	744
2/1	4	744	2,976
2/1	19	848	16,112
2/1	2	958	1,916
	114		74,354

The following chart lists the subject's **proposed** unit mix. The property contains a net rentable area of 73,355 square feet.



Unit Type	# of Units	Square Feet	Total Square Footage
1/1	10	575	5,750
1/1	15	586	8,790
1/1	5	588	2,940
1/1	32	589	18,848
1/1	10	602	6,020
2/1	10	630	6,300
2/1	11	636	6,996
2/1	16	848	13,568
2/1	3	885	2,655
3/1	2	744	1,488
	114		73,355

The following chart lists the subject's existing unit distribution by unit type, size and rent structure.

Unit Type	# of Units	Square Feet	Current Rent	Utility Allowance
Efficiency	1	436	\$1,270	N/A
1/1	67	590	\$1,360	N/A
1/1	8	590	\$1,370	N/A
1/1	12	590	\$1,380	N/A
1/1	1	590	\$1,620	N/A
2/1	3	840	\$1,620	N/A
2/1	6	840	\$1,625	N/A
2/1	13	840	\$1,630	N/A
2/1	1	840	\$1,635	N/A
2/1	2	840	\$1,700	N/A
	114			

The following chart lists the subject's proposed unit distribution by unit type, size and rent structure.

MAXIMUM LIHTC RENTS AND UTILITY ALLOWANCES							
Unit Type	# of Units	Square Feet	% of Median Income	2024 Maximum LIHTC Rent	Gross Rent	Utility Allowance	Net Rent
1/1	10	588	30%	\$870	\$742	\$0	\$742
1/1	32	588	50%	\$1,450	\$1,165	\$0	\$1,165
1/1	15	588	60%	\$1,740	\$1,319	\$0	\$1,319
1/1	5	588	70%	\$2,030	\$1,328	\$0	\$1,328
1/1	10	588	80%	\$2,321	\$1,527	\$0	\$1,527
2/1	2	738	30%	\$1,044	\$881	\$0	\$881
2/1	14	738	50%	\$1,741	\$1,390	\$0	\$1,390
2/1	10	738	60%	\$2,089	\$1,699	\$0	\$1,699
2/1	3	738	70%	\$2,437	\$1,386	\$0	\$1,386
2/1	11	738	80%	\$2,786	\$1,860	\$0	\$1,860
3/1	1	744	60%	\$2,413	\$2,189	\$0	\$2,189
3/1	1	744	80%	\$3,218	\$2,189	\$0	\$2,189

*The developer is electing to use the income-average minimum set-aside option. The subject's proposed rent/income designation level is 20.0 percent.



Note, the subject’s proposed rents are all set below maximum allowable levels.

The property is applying for an allocation of Low-Income Housing Tax Credits for all units, which will set the income eligibility to individuals earning up to 30, 50, 60, 70 and 80 percent of the area median income. Households with one to three persons and incomes between \$25,440 and \$133,680 would be eligible for the rehabilitated development.

LIHTC INCOME LIMITS					
Person in Households	30%	50%	60%	70%	80%
1	\$32,490	\$54,150	\$64,980	\$75,810	\$86,640
2	\$37,140	\$61,900	\$74,280	\$86,660	\$99,040
3	\$41,790	\$69,650	\$83,580	\$97,510	\$111,440
4	\$46,410	\$77,350	\$92,820	\$108,290	\$123,760
5	\$50,130	\$83,550	\$100,260	\$116,970	\$133,680
6	\$53,850	\$89,750	\$107,700	\$125,650	\$143,600

Source: HUD

Tenant Services

The subject will not offer any tenants services.

Scope of Work

The property will undergo a substantial rehabilitation and will be in good condition. The proposed scope of work is comprehensive and includes bathroom upgrades, replacement of appliances, kitchen cabinets, windows, new flooring, new window treatments, painting, interior and exterior doors, water heaters, heat pumps indoor/outdoor units, replacement of electric system, replace all water, vent, and sewer piping, replace PTACs and radiators and provide standard split systems, landscape upgrades, parking lot upgrades, etc. In addition, the unit mix will be changed to one, two, and three-bedroom units. The unit types, proposed rents after completion of the rehabilitation. A detailed list of items has been included in the addendum section of this report. Post rehabilitation, the units will feature a dishwasher, microwave, and in-unit washer/dryers. The total estimated cost of rehabilitation is \$14,759,706, or 129,471 per unit. The rehabilitation is anticipated to begin in June 2025 and end in June 2026.

Location/Site Characteristics

The subject consists of an irregular-shaped tract of land that contains a total of approximately 4.36 acres, or 189,922 +/- square feet. Note the subject is part of the Barcroft Apartments development which consists of a 8.41 acre plot or 366,340 +/- square feet. According to the CDP of Arlington, the subject is zoned RA14-26, Apartment Dwelling District. The subject is a legal, conforming use. The subject is located in Census Tract #1027.01.

The subject neighborhood is comprised primarily of multifamily dwellings and is 95 percent built up. Approximately 60 percent of the land use is made up of multifamily dwellings. About 35 percent is comprised of single-family residences. The remaining five percent is vacant land. To the north of the subject includes additional buildings of the Barcroft Apartments development. Further north of the subject consists of commercial uses, condominiums, multifamily townhomes, and additional multifamily residences including The Whitmore, a 219-unit market rate property which has been selected as a comparable for the purposes of this analysis. To the east of the subject consists of forested land. Further east of the subject consists of single-family residences in good to average condition. To the south of the subject consists of forested land, multifamily dwellings including additional buildings of the Barcroft Apartments development and Taylor Square Apartments, an affordable housing development featuring 44 one and two-bedroom units which has been excluded as a comparable for the purposes of this report due to the inability to contact the complex. Further south of the subject consist of residential uses including multifamily townhomes, single-family homes, additional buildings of the Barcroft Apartments development and Virginia Gardens, a 72-unit LIHTC development, which has been selected as a comparable for the



purposes of this analysis. To the west of the subject consists of condominiums in average to good condition. Further west of the subject consists of wooded land and single-family homes in average condition.



III. SITE EVALUATION



Project Location

The subject property is an existing LIHTC development with a total of 114 units and is located in Arlington, Virginia. As complete, the property will be 100 percent LIHTC with income levels at 30, 50, 60, 70 and 80 percent of the area median income.

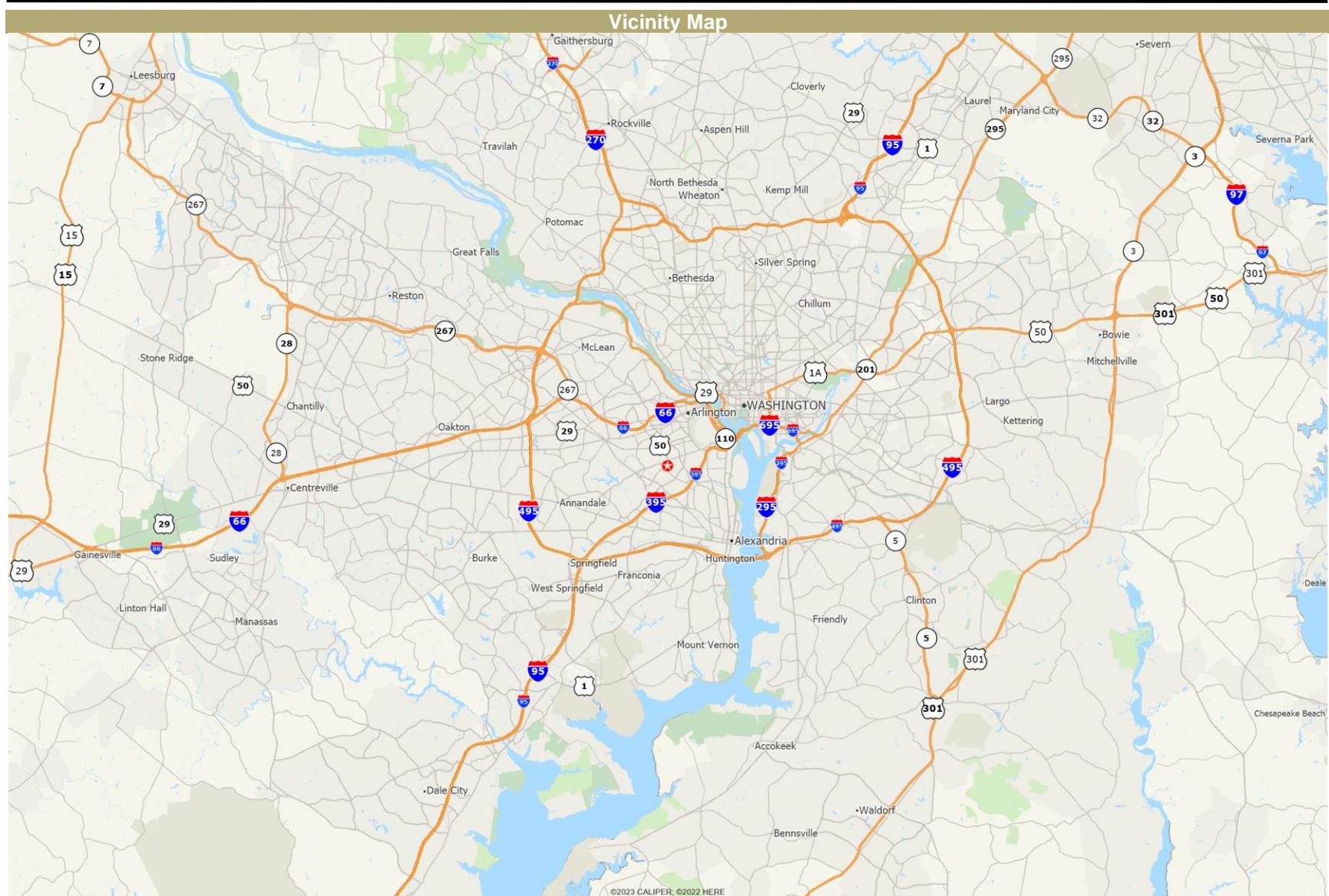
Arlington County is located in the northern portion of the Commonwealth of Virginia. Arlington County is coextensive with the census-designated place of Arlington. Arlington County does not have the legal designation of an independent city or incorporated town under state law. However, it is considered to be the second-largest principal city of the Washington, D.C. metropolitan area. Arlington is geographically the smallest self-governing county in the United States, yet it is the sixth-largest county in Virginia based on population.

Arlington is located directly across the Potomac River from Washington, D.C. and has the following boundaries: North – Fairfax County; South – Alexandria City; West – Fairfax County; and East – Potomac River. Nearby cities include Arlandria, Del Ray, Alexandria West, Shirlington, Pentagon City, Alcova Heights, Ashton Heights, Bluemont, Seven Corners, Falls Church, Lake Barcroft, Pimmit Hills, McLean and Washington DC. Arlington County is bordered by Fairfax County and the Potomac River.

Major highways in Arlington County include U.S. Highway 29; Interstate Highway 66 and 395; and State Highways 110, 120, 237, 244 and 309.

The subject site located in the southern portion of the CDP of Arlington. The property is located along and is easily accessed via the north and south side of South Taylor Street and the north side of South George Mason Drive. South Taylor Street and South George Mason Drive connects to South Four Mile Run Drive, which provides direct access to Columbia Pike, a major thoroughfare in the area. Therefore, the subject has average visibility and easy access.

Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204





Community and Site Information

Site Characteristics

The subject property is located in a residential neighborhood in the southern portion of Arlington. The subject is located along the west and east side of South Thomas Street. South Thomas Street and South Four Mile Run Drive connects to South George Mason Drive and Columbia Pike. Columbia Pike, or State Highway 244, is a major thoroughfare in the area. Therefore, the subject has average visibility and easy access.

The subject consists of an irregular-shaped tract of land that contains a total of approximately 4.36 acres, or 189,922 +/- square feet. Note the subject is part of the Barcroft Apartments development which consists of a 8.41 acre plot or 366,340 +/- square feet. According to the CDP of Arlington, the subject is zoned RA14-26, Apartment Dwelling District. The subject is a legal, conforming use. The subject is located in Census Tract #1027.01.

Surrounding Land Uses

The subject neighborhood is comprised primarily of multifamily dwellings and is 95 percent built up. Approximately 60 percent of the land use is made up of multifamily dwellings. About 35 percent is comprised of single-family residences. The remaining five percent is vacant land. To the north of the subject includes additional buildings of the Barcroft Apartments development. Further north of the subject consists of commercial uses, condominiums, multifamily townhomes, and additional multifamily residences including The Whitmore, a 219-unit market rate property which has been selected as a comparable for the purposes of this analysis. To the east of the subject consists of forested land. Further east of the subject consists of single-family residences in good to average condition. To the south of the subject consists of forested land, multifamily dwellings including additional buildings of the Barcroft Apartments development and Taylor Square Apartments, an affordable housing development featuring 44 one and two-bedroom units which has been excluded as a comparable for the purposes of this report due to the inability to contact the complex. Further south of the subject consist of residential uses including multifamily townhomes, single-family homes, additional buildings of the Barcroft Apartments development and Virginia Gardens, a 72-unit LIHTC development, which has been selected as a comparable for the purposes of this analysis. To the west of the subject consists of condominiums in average to good condition. Further west of the subject consists of wooded land and single-family homes in average condition.

Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204





Subject Photos



View of subject signage



View of Exterior



View of Exterior



View of Exterior



View of Exterior



View of Exterior



View of Exterior



View of Exterior and subject parking



View of Subject walk ways and Bike Rack



View of subject leasing building



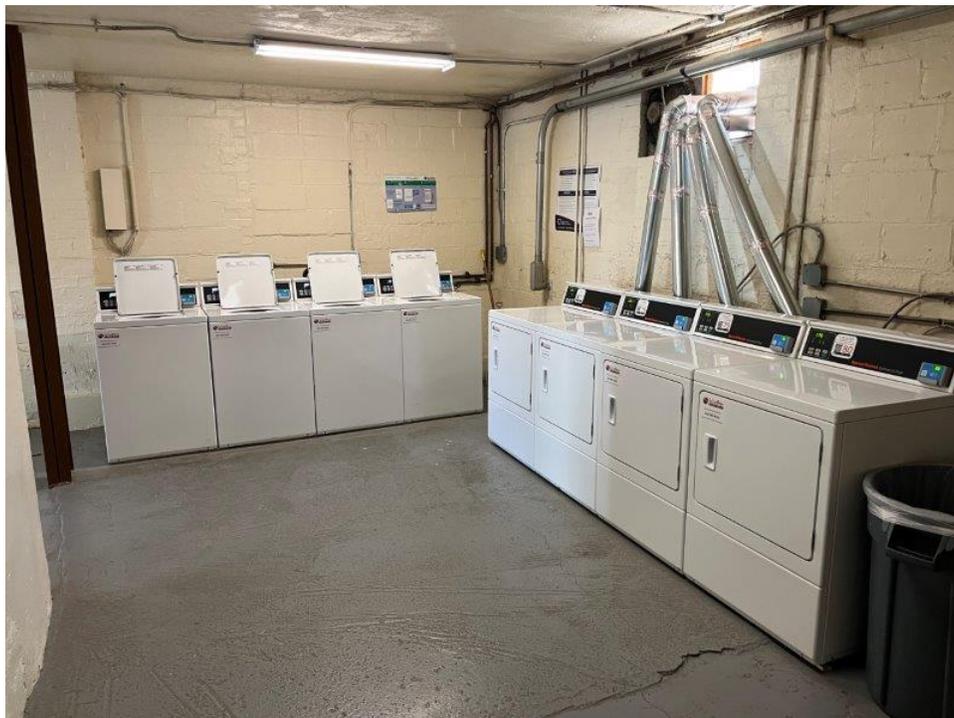
View of subject leasing office



View of Subject walk ways and Bike Rack



View of Common Stairwell



View of laundry facility



View of laundry facility



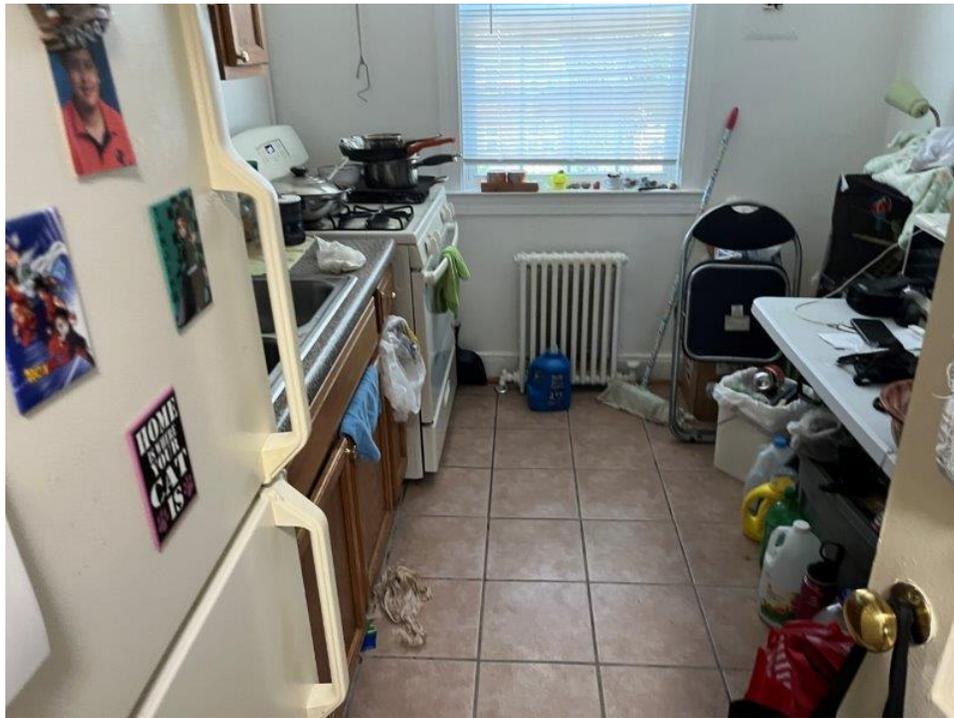
View of Typical Living Area



View of Typical Living Area



View of Typical Kitchen



View of Typical Kitchen



View of Typical Bedroom



View of Typical Bedroom



View of Typical Bathroom



View of Typical Bathroom



View of Street



View of Street



View of Street



View of abutting property North



View of abutting property East



View of abutting property South



View of abutting property West



Nearby Employment Opportunities

Most market area tenants have white collar occupations. According to the Claritas and Ribbon Demographics, approximately 75.8 percent of the market area works in white collar industries; 11.0 percent work in blue collar industries; and 13.2 percent work in service and/or farming industries.

Regional and Area Data

Parks and Recreational Opportunities

Arlington is home to the Arlington National Cemetery, the Pentagon, the Signature Theatre and the Netherlands Carillon. There are numerous recreational opportunities and facilities in Arlington, including the MedStar Capitals Iceplex, Mt. Vernon Trail, Theodore Roosevelt Island Park, Twilight Tattoo, Gravelly Point Park, George Washington Memorial Parkway and Hemicycle, Arlington Memorial Bridge, the DEA Museum, Arlington Historical Museum, Fort C. F. Smith Park, Ocean Dunes Water Park, Gulf Branch Nature Center and Park, Long Bridge Park, Bon Air Park, Upton Hill Regional Park, Potomac Overlook Regional Park, Lady Bird Johnson Park, Bluemont Park, Lubber Run Park, Glencaryln Park, Shirlington Dog Park, Gulf Branch Nature Center, Gateway Park, Quincy Park and Benjamin Banneker Park.

Government/Public Safety

Arlington County is coextensive with the census-designated place of Arlington. Arlington County does not have the legal designation of an independent city or incorporated town under state law. However, it is considered to be the second-largest principal city of the Washington, D.C. metropolitan area. Arlington is geographically the smallest self-governing county in the United States, yet it is the sixth-largest county in Virginia based on population. The Arlington County Police Department is divided into four divisions of community engagement, criminal investigations, operations and systems management. The police department is led by one police chief, one captain and three lieutenants. The Arlington County Fire Department operates out of nine fire stations.

Utilities

The City of Arlington provides water and sewer services to the residents of the city. Electricity service is provided by Dominion Virginia Power. Natural gas is provided by Washington Gas. Basic phone service is provided by RingCentral, Visible by Verizon and Community Phone. Cellular providers in the area are AT&T Wireless, T-Mobile and Verizon. Internet providers in the area are Xfinity, Verizon Fios, Cox Communications and Comcast. Cable providers in the area are Comcast of Arlington Verizon FIOS TV in Virginia and Verizon FIOS for Businesses.

Health Services

Hospitals in the area include AllCare Family Medicine & Urgent Care of Arlington, MindPeace Clinic, Sameday Health, Arlington Neighborhood Health Services, Quest Diagnostics Ballston, Asthma Clinic, Virginia Hospital Center, Healthsouth Sports Medicine and George Washington University Hospital.

Transportation

Major highways in Arlington County include U.S. Highway 29; Interstate Highway 66 and 395; and State Highways 110, 120, 237, 244 and 309. Passenger rail service is provided by Virginia Railways Express and Amtrak. The airport in the area is Ronald Reagan Washington National Airport. Bus service is provided by Arlington Transit. Arlington also has a Subway System.

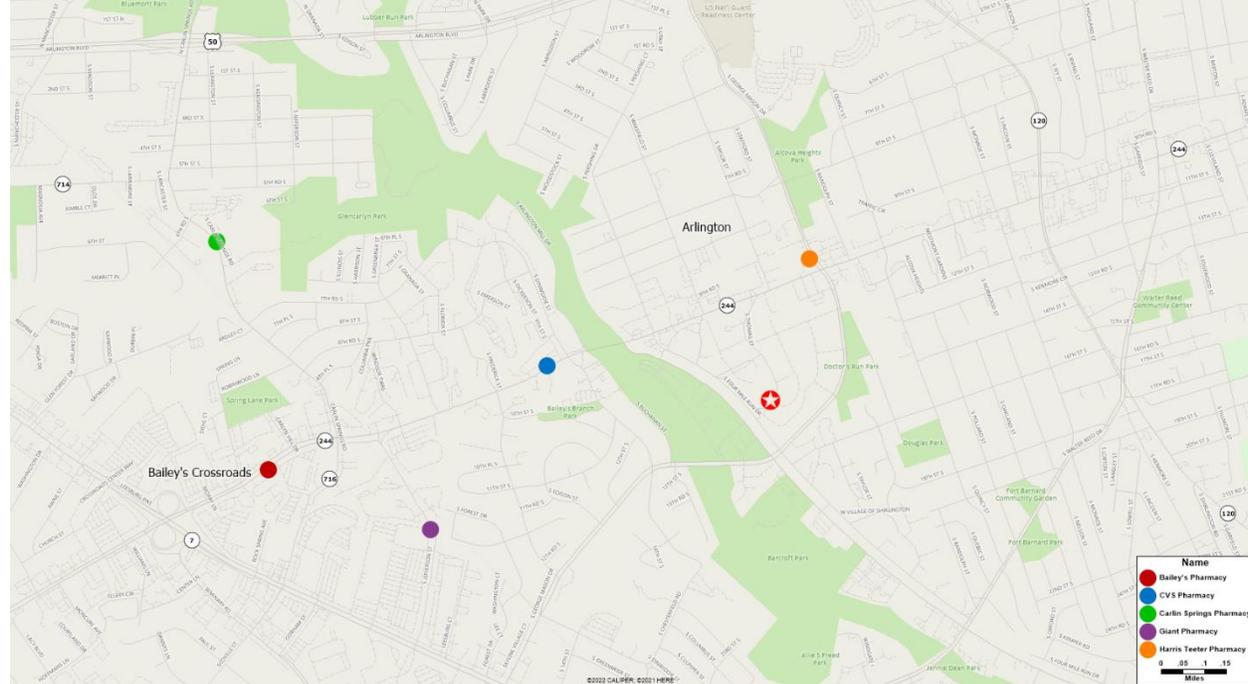


Crime

According to AreaVibes, approximately 126 per 100,000 residents are victims of a violent crime annually, and approximately 916 per 100,000 residents are victims of a property crime each year. The total number of annual crimes in the CDP was not available. The crime rate for Arlington is 55.2 percent lower than for the nation. The total number of crimes in the CDP has increased 16.1 percent within the past year, according to AreaVibes. There is a 1 in 792 chance of being the victim of a violent crime and a 1 in 110 chance of being the victim of a property crime. The life cycle is generally in the stability stage. Therefore, there are no major adverse influences or hazards observed or known by the appraiser in the immediate surrounding area.



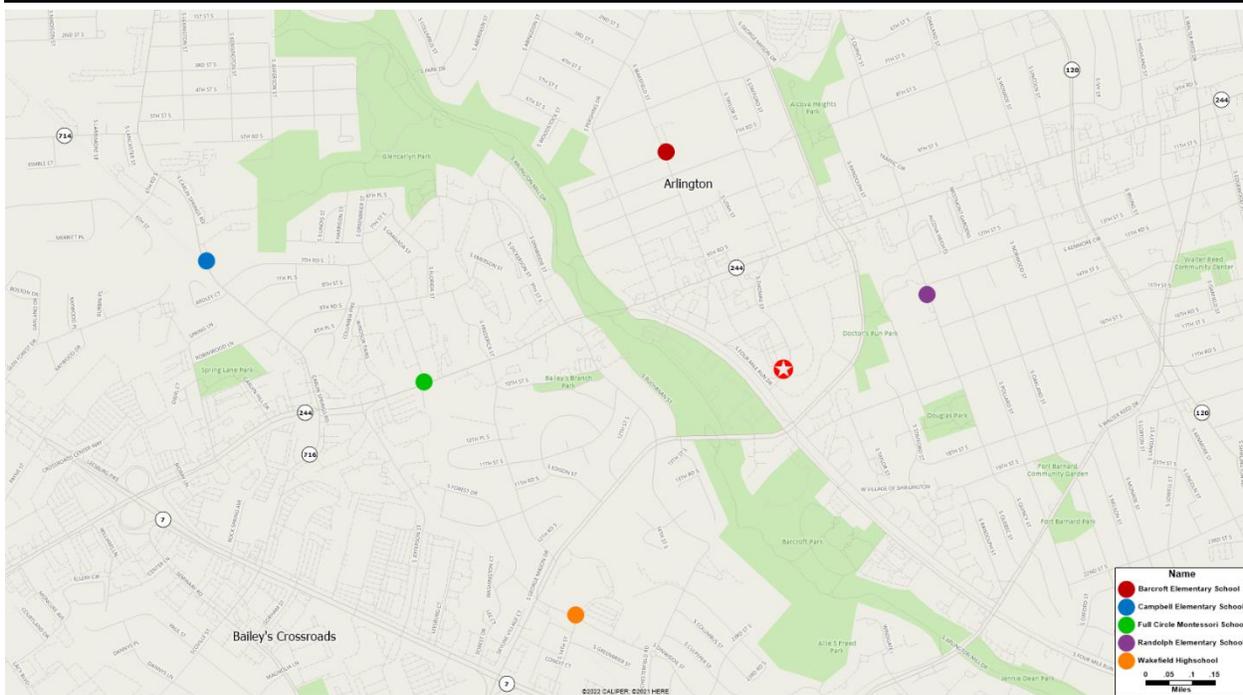
Community Services Legends and Maps



PHARMACIES

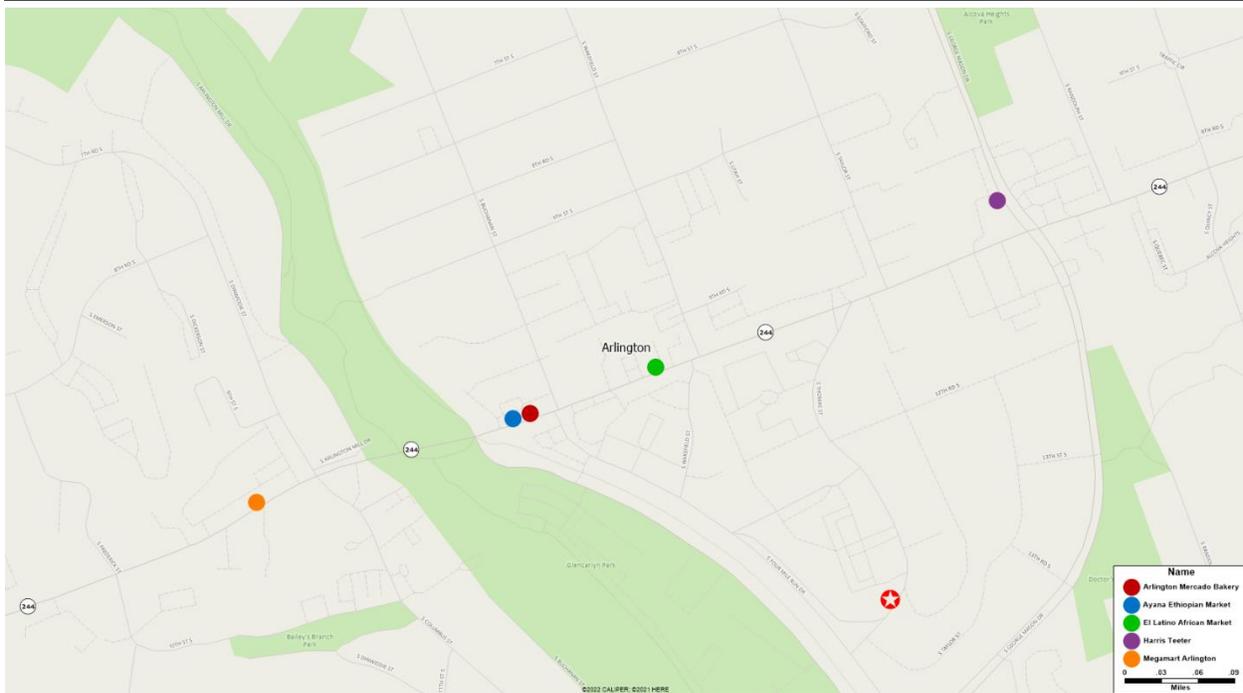
Service	Distance From Site (in Miles)
Harris Teeter Pharmacy	0.3
CVS Pharmacy	0.6
Bailey's Pharmacy	1.3
Giant Pharmacy	1.4
Carlin Springs Pharmacy	1.7

Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



SCHOOLS

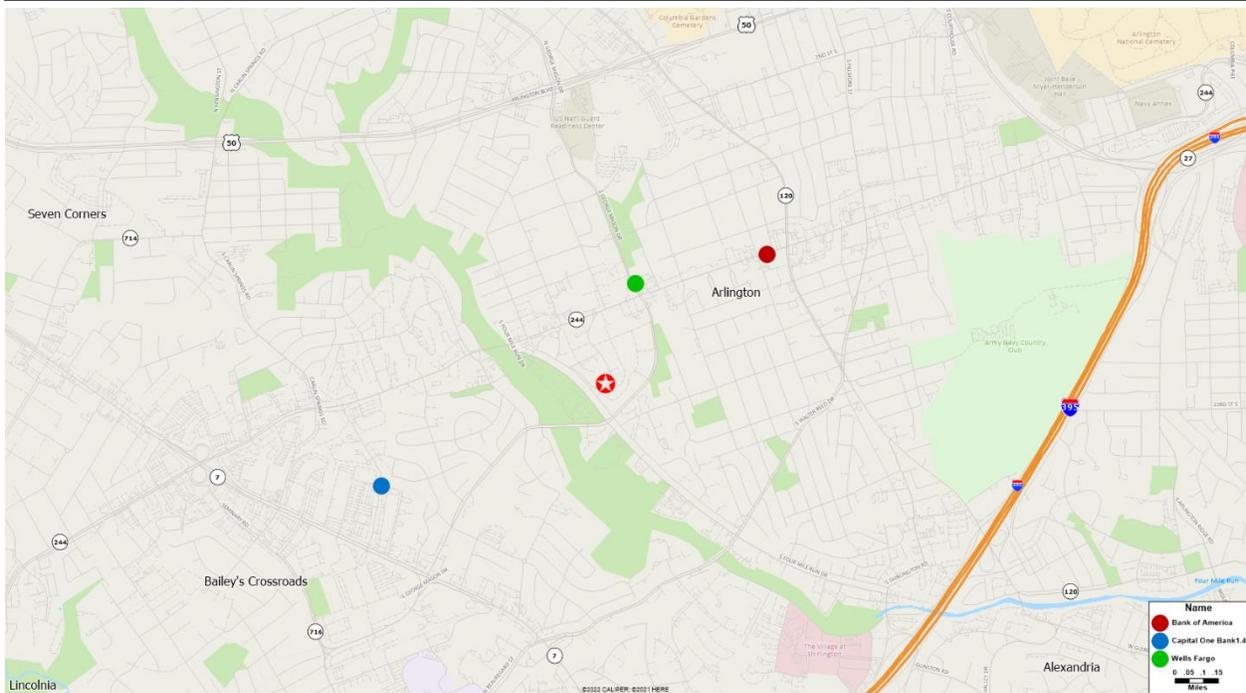
Service	Distance From Site (in Miles)
Barcroft Elementary School	0.6
Randolph Elementary School	0.7
Wakefield Highschool	0.8
Full Circle Montessori School	0.9
Campbell Elementary School	1.6



GROCERY STORES/SUPERMARKETS

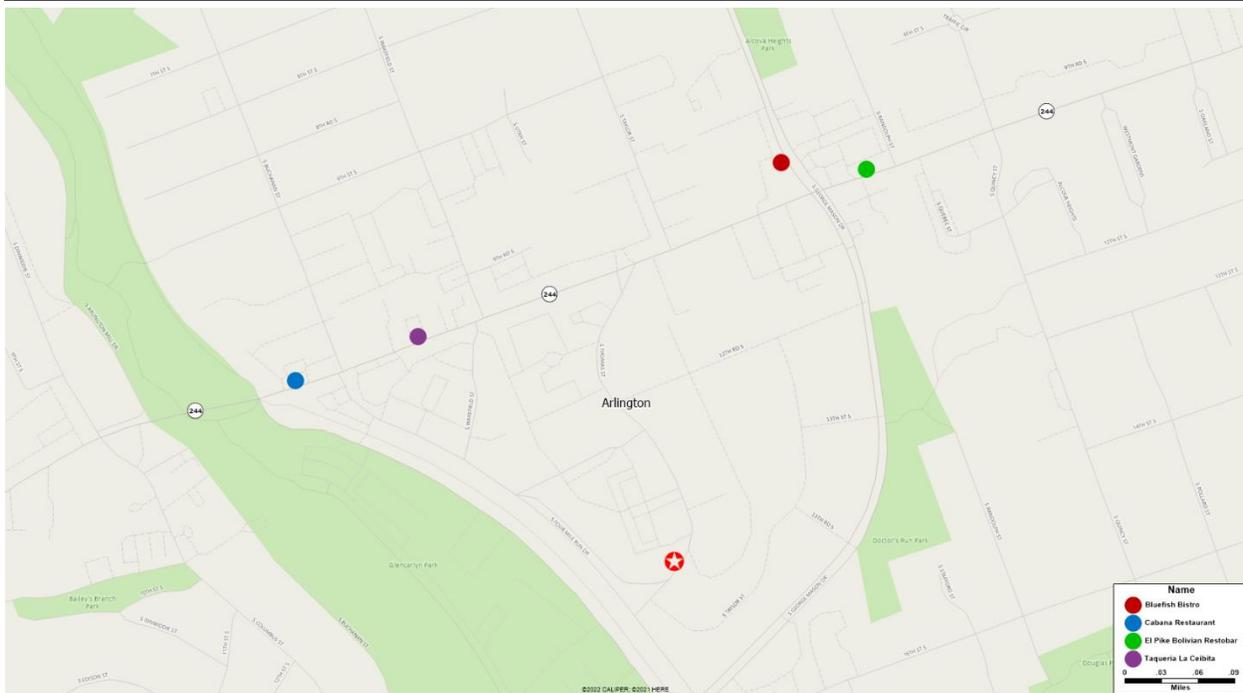
Service	Distance From Site (in Miles)
El Latino African Market	0.3
Arlington Mercado Bakery	0.4
Ayana Ethiopian Market	0.4
Harris Teeter	0.4
Megamart Arlington	0.6

Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



BANKS/LENDING INSTITUTIONS

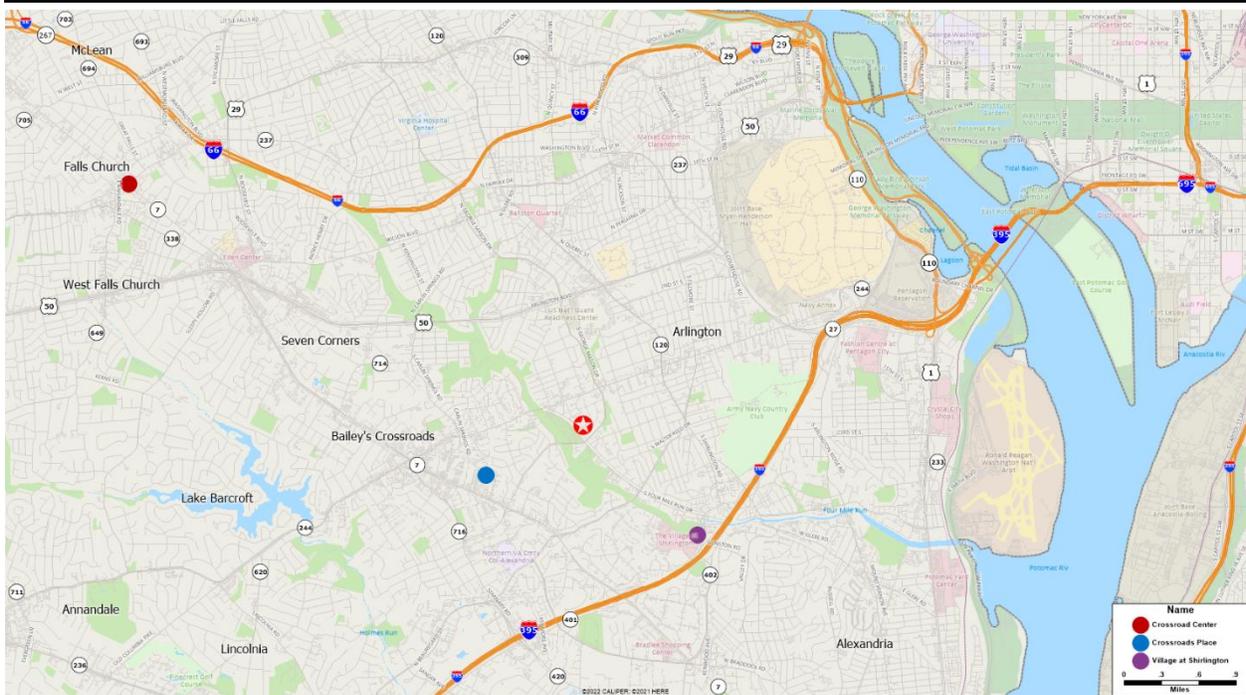
Service	Distance From Site (in Miles)
Wells Fargo	0.5
Bank of America	0.9
Capital One Bank1.4	4.7



RESTAURANTS

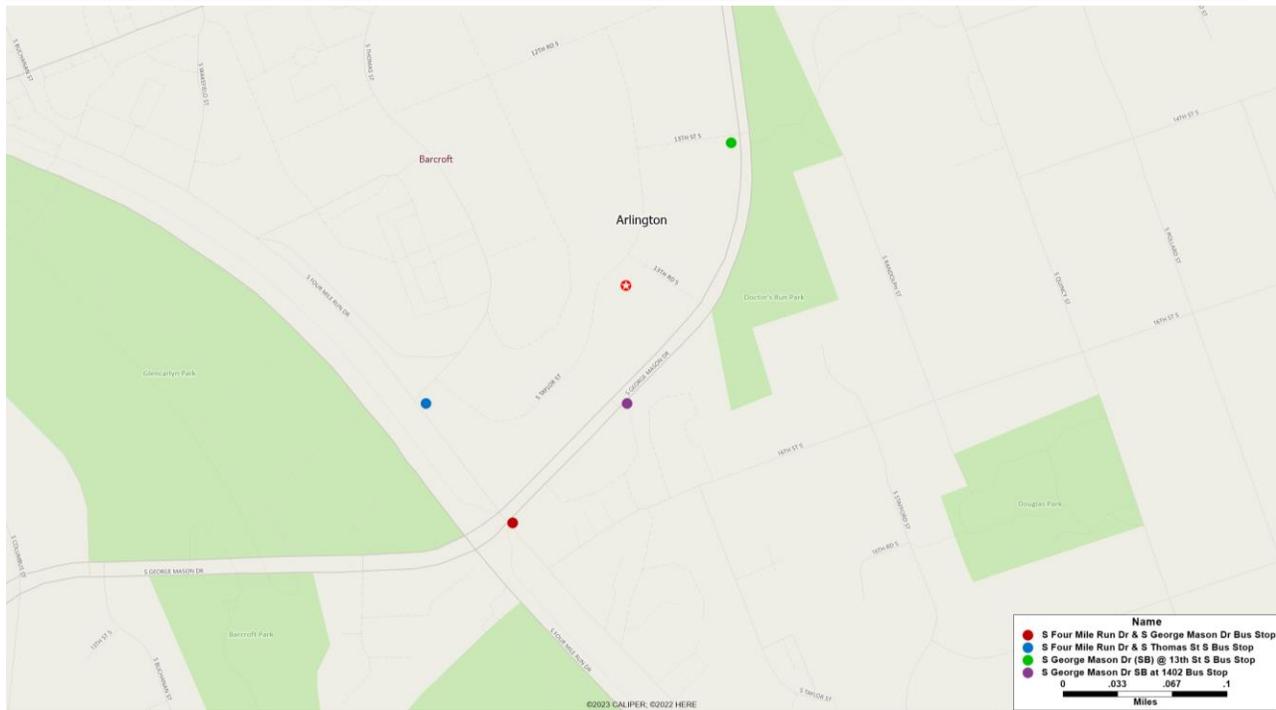
Service	Distance From Site (in Miles)
Taqueria La Ceibita	0.3
Cabana Restaurant	0.4
El Pike Bolivian Restobar	0.5
Bluefish Bistro	0.5

Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



SHOPPING

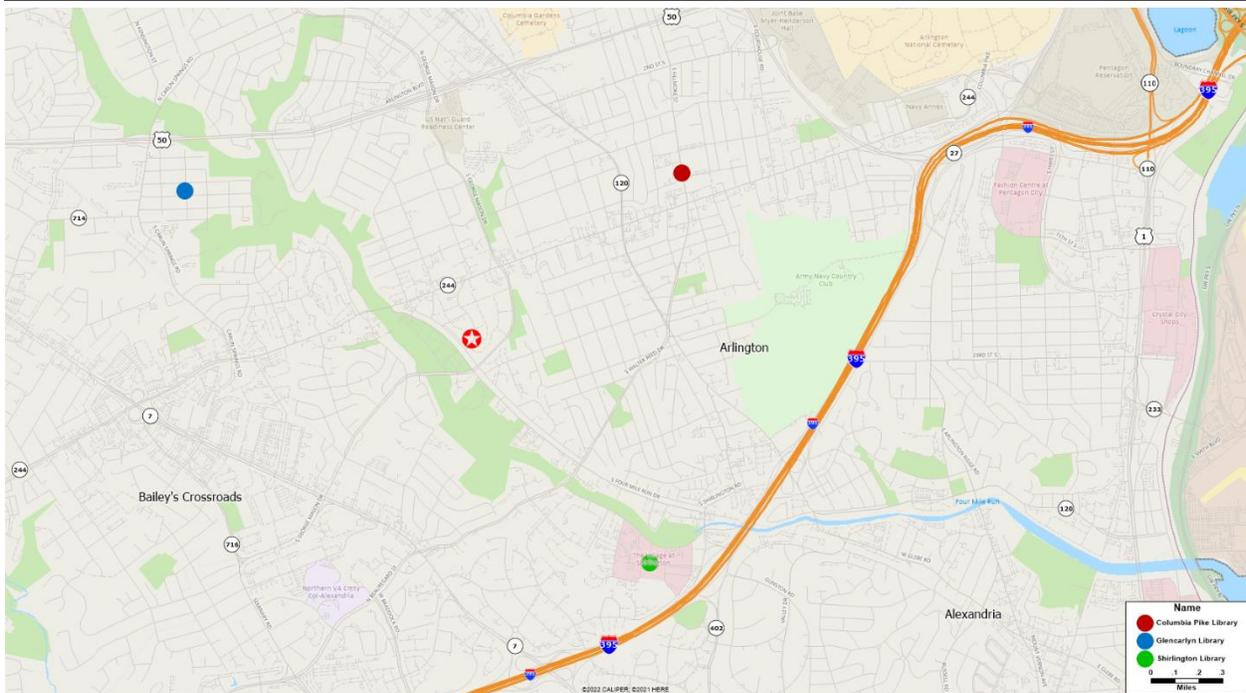
Service	Distance From Site (in Miles)
Leesburg Pike Plaza	1.4
Village at Shirlington	1.5
Crossroads Place	1.5
Crossroad Center	1.7



TRANSPORTATION

Service	Distance From Site (in Miles)
S George Mason Dr (SB) @ 13th St S Bus Stop	0.1
S George Mason Dr SB at 1402 Bus Stop	0.1
S Four Mile Run Dr & S Thomas St S Bus Stop	0.1
S Four Mile Run Dr & S George Mason Dr Bus Stop	0.1

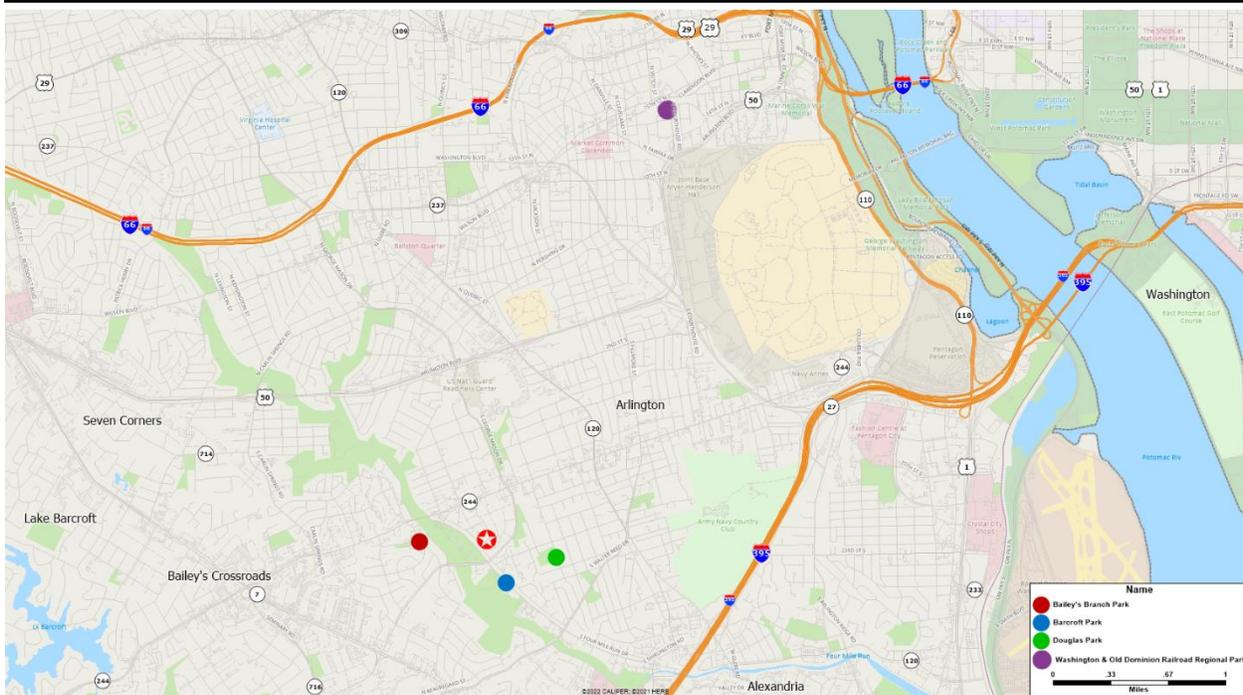
Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



LIBRARIES

Service	Distance From Site (in Miles)
Columbia Pike Library	1.4
Shirlington Library	1.4
Glencarlyn Library	1.6

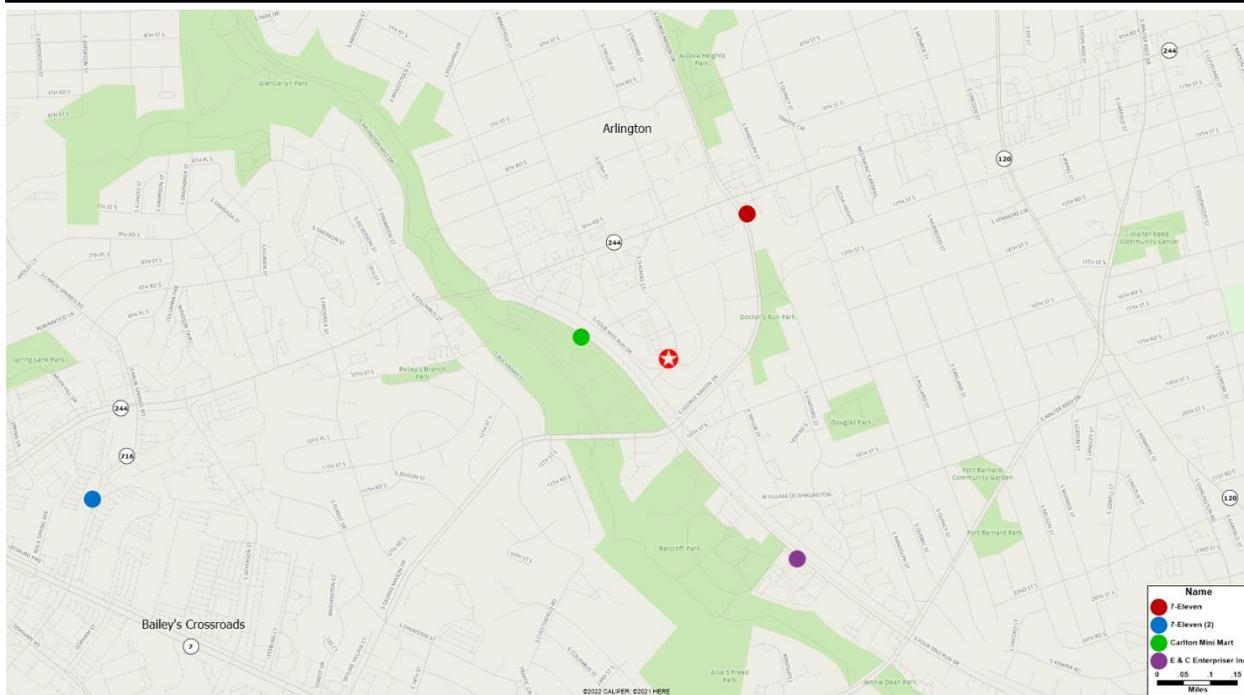
Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



PARKS/RECREATION

Service	Distance From Site (in Miles)
Washington & Old Dominion Railroad Regional Park	0.4
Bailey's Branch Park	0.7
Douglas Park	0.8

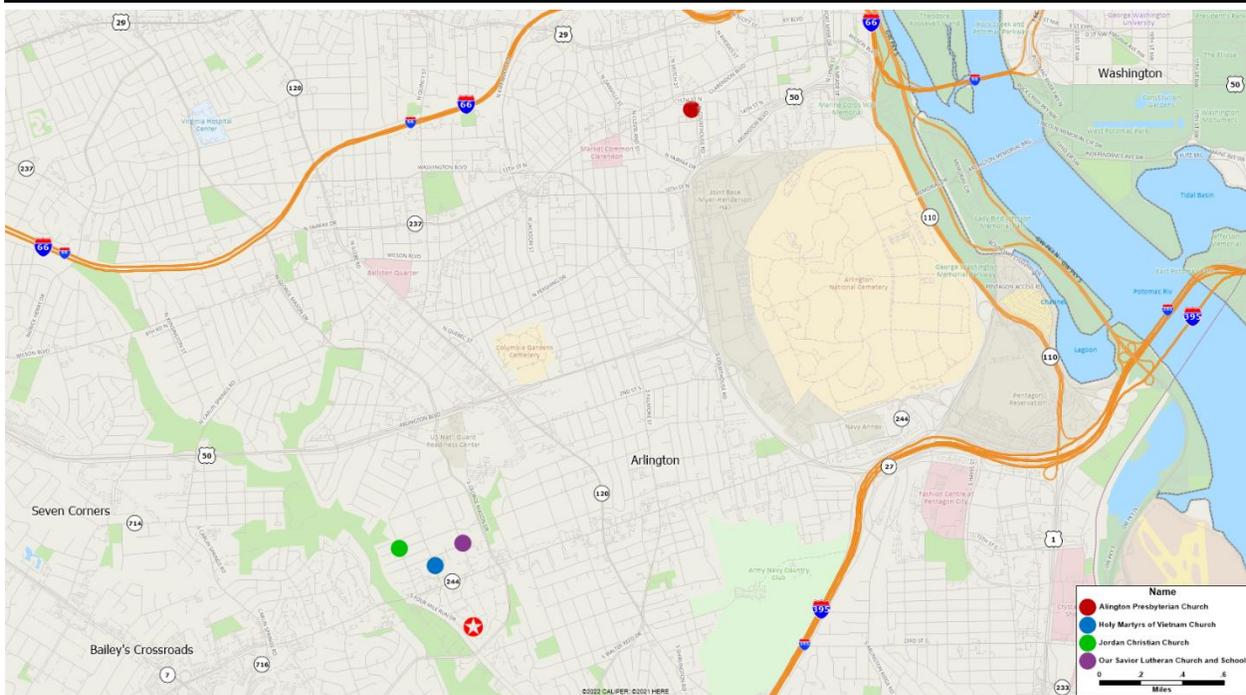
Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



CONVENIENCE STORES

Service	Distance From Site (in Miles)
7-Eleven	0.4
Carlton Mini Mart	0.5
E & C Enterpriser Inc	0.6
7-Eleven (2)	0.5

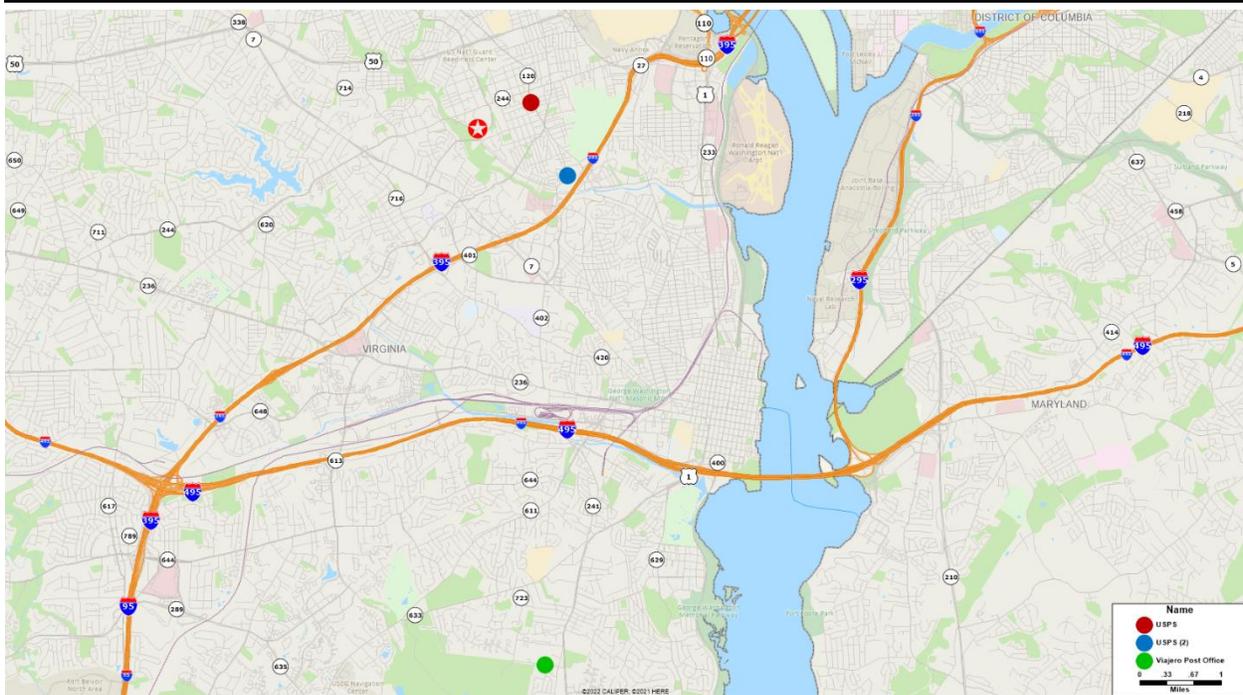
Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



HOUSES OF WORSHIP

Service	Distance From Site (in Miles)
Holy Martyrs of Vietnam Church	0.5
Our Savior Lutheran Church and School	0.5
Jordan Christian Church	0.6
Alington Presbyterian Church	1.0

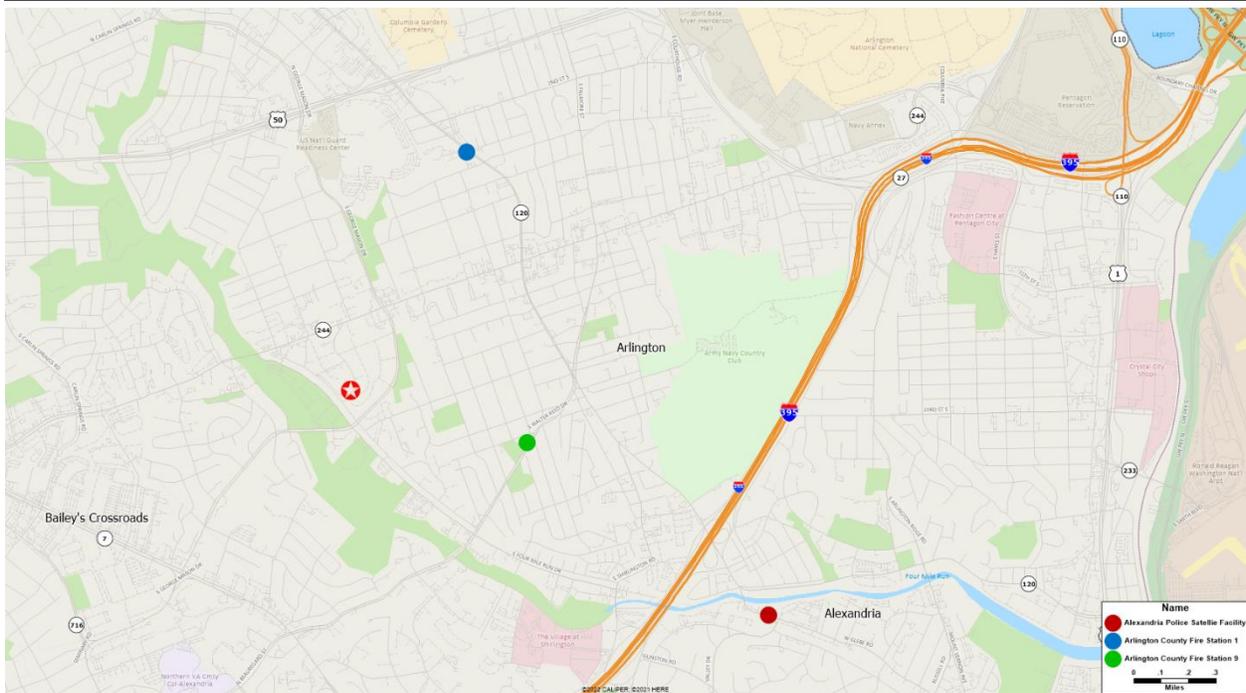
Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



POST OFFICES

Service	Distance From Site (in Miles)
USPS	1.0
USPS (2)	1.1
Viajero Post Office	1.1

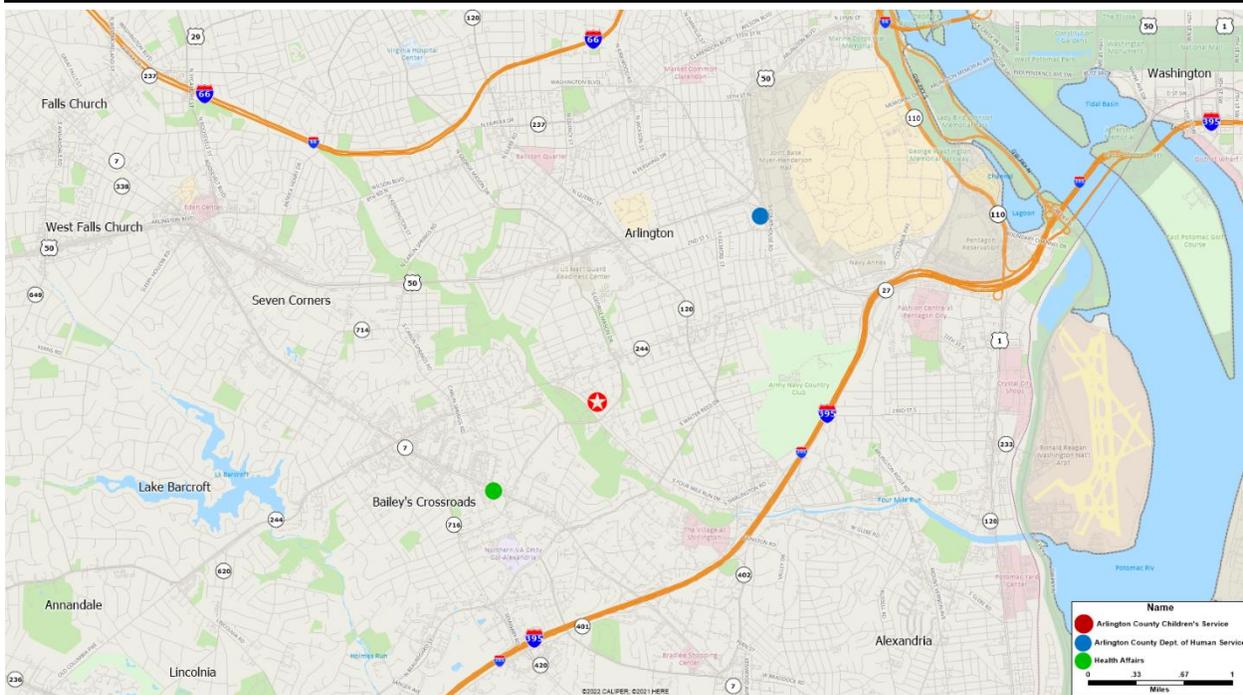
Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



PUBLIC SAFETY/GOVERNMENT

Service	Distance From Site (in Miles)
Arlington County Fire Station 9	1.1
Arlington County Fire Station 1	1.3
Alexandria Police Satellite Facility	2.0

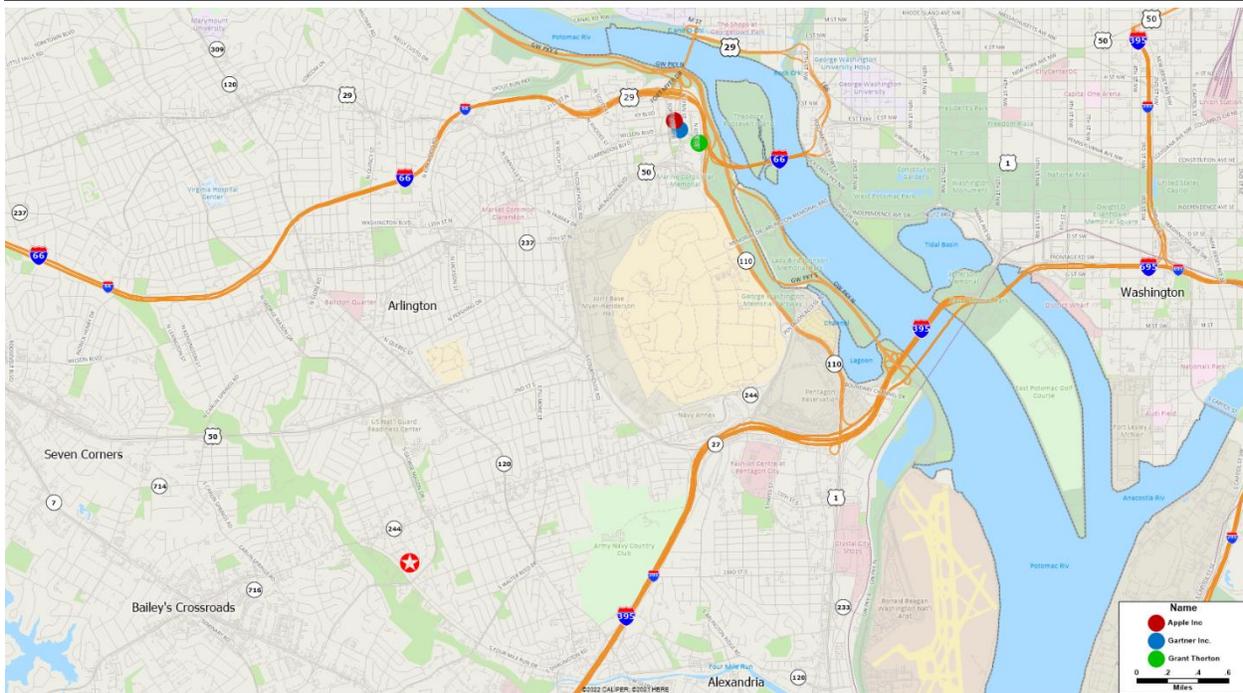
Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



SOCIAL SERVICES

Service	Distance From Site (in Miles)
Health Affairs	1.5
Arlington County Dept. of Human Service	2.2
Arlington County Children's Service	2.2

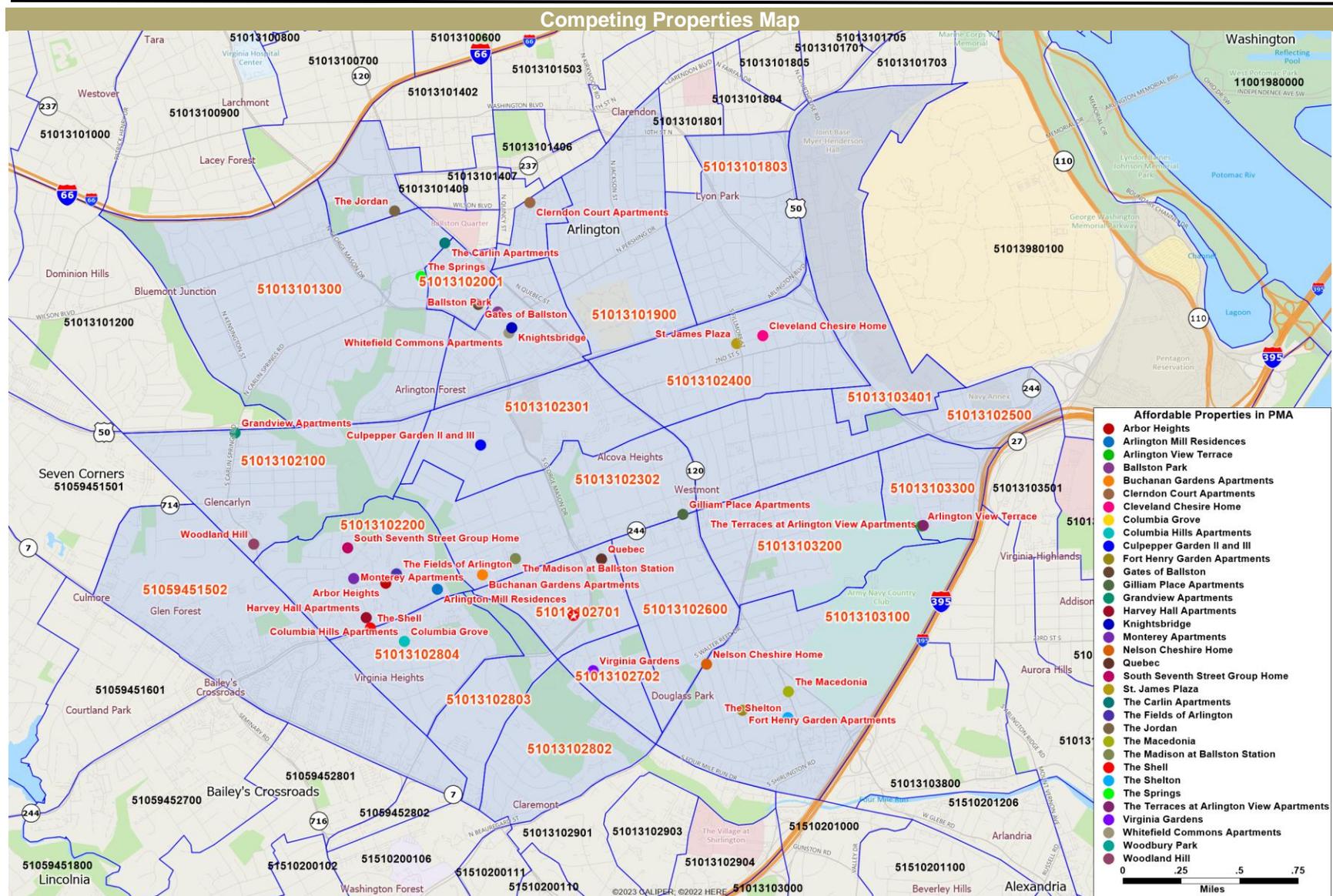
Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204



MAJOR EMPLOYERS

Service	Distance From Site (in Miles)
Gartner Inc.	4.2
Apple Inc	4.2
Grant Thorton	4.3

Barcroft Apartments - Bravo I (Buildings 12 –16)
 1226 South Thomas Street
 Arlington, Virginia 22204





Summary of Site Strengths and Weaknesses

Strengths – The site has average visibility and access. The subject is close to employment centers, healthcare services, government and public services. In addition, the subject has excellent access to public transportation. Furthermore, the subject’s location provides easy access to major thoroughfares and many recreation and shopping opportunities.

Weaknesses – The site has no apparent weaknesses.

IV. MARKET AREA



Delineation of Market Area

Following is a list of considerations used when determining the market area:

- Population and Households Counts: The number of households in a market area is directly proportionate to its geographic size within an individual market. Total householders residing in a market area can greatly influence demand calculations.
- General Demographics: The socio-economic composition of a market area including income, household size and tenure can be largely influenced by the erroneous inclusion or exclusions of non-comparable areas.
- Demand: Too large of a market may result in overstating demand for a proposed development. Conversely, too conservative of a market area may discount the demand for new products, especially if a lack of quality housing currently exists.
- Supply Analysis: While a larger market area generally includes higher household totals, it likewise may include a higher number of directly comparable units. If using demand methodologies that net out recently constructed and comparable rental units from the demand estimate, the increase in the number of comparable units can outweigh the increase in demand.
- Competitive Stock: The existing rental stock surveyed for a market study is dependent on the number of rental properties in a given market and therefore the boundaries of a primary market area. If existing developments are going to be used as “comparables”, they should be located in the primary market area, if possible.
- Attainable Rents: If the market area includes non-comparable areas, the analysis may use comparables projects that suggest that a project can achieve rents that area significantly higher or lower than the rents its micro location will support.
- Location of Competitive Properties: A primary consideration in defining a market area is identifying those locations that offer alternative opportunities to a potential renter for a subject site. The managers of existing comparable properties near the site are excellent sources in determining those competitive locations.
- Accessibility: Available transportation linkages including both traffic arteries and mass transit options can influence the size of the market. Mass transit can have a significant impact on projects addressing very low income households for which transportation options may be limited.
- Natural Boundaries: Natural boundaries including rivers and mountains can restrict the movement within a market due to a lack of accessibility.
- Housing Project Characteristics: The availability of a unique structure type such as a high rise may alter the typical draw of a potential project.
- Market Perceptions: Whether grounded in reality or not, market perceptions can be a significant determinant of market area boundaries. Social stigmas often exist within sub-markets, with residents from one side of a submarket may not move to a close by neighborhood, regardless of housing opportunities. The construction of a new, attractive rental community may not necessarily relieve this perception.
- Commuting Patterns: The time spent commuting and employment destination could often reveal distinct patterns. High percentages of workers with long commutes or working in neighboring counties are often indicators of a lack of affordable housing options near employment centers.
- Target Market: Proposed developments targeting a special needs population such as seniors generally draw from a larger geographic region. Given the smaller pool of qualified householders, the location and quantity of comparable stock is of additional importance. An acceptable market area for a family oriented rental community will often be too conservative for a rental community targeting senior rental householders.
- Jurisdictional Boundaries: Differences in the quality and services provided by school districts, municipalities, or counties often influence consumer location choices.
- Local Agency Service Boundaries: The geographic areas covered by local agencies, such as housing authorities, senior citizen centers, community-based organizations, or churches can be a strong indicator of market area boundaries, especially when the project has a community-based sponsor or co-sponsor.



-
- Non-Geographic Factors: Employees who might be expected to reside in a development as a result of planned or existing job opportunities and special needs households who are served by a multi-jurisdictional agency that covers communities that are clearly distinct market areas.

The determination of the market area is based on the boundaries between governmental units. In such a method, county, division or CDP boundaries become the boundaries of the market area. The primary market area for the subject consists of the following census tracts: 1013.00, 1018.03, 1019.00, 1020.01, 1020.02, 1020.03, 1021.00, 1022.00, 1023.01, 1023.02, 1024.00, 1025.00, 1026.00, 1027.01, 1027.02, 1028.02, 1028.03, 1028.04, 1031.00, 1032.00, 1033.00, 1034.01 and 4515.02. The market area has the following boundaries: North – Interstate 66, North George Mason Drive, Wilson Boulevard, State Highway 120, 5th Road North, North Quincy Street, 5th Street North, North Oakland Street, 6th Road North, North Nelson Street, 7th Street North, North Monroe Street, Wilson Boulevard, North Highland Street, 7th Street North, North Edgewood Street, Washington Boulevard, State Highway 237, U.S. Highway 50 and Marshall Drive; South – Interstate 395, South Four Mile Run Drive, South Walter Reed Drive and State Highway 7; East – Arlington Cemetery; and West – State Highway 714, Fairfax County, U.S. Highway 50 and Bluemont Park. The analysis was conducted using only the demographics data from the primary market area. However, according to the market study guidelines for Virginia Housing, a secondary or tertiary market area was also determined. The secondary market area is defined as Arlington/Arlington County.

V. EMPLOYMENT AND ECONOMY



Employment and Economy

The economy of Arlington is based on accommodation/food services; educational services; finance, insurance real estate, rent and lease; health care and social assistance services; other services except public administration; professional, scientific and technical services; and public administration sectors. Each of these categories has experienced reasonable growth within the past few years. The following table shows the number of employees per industry in Arlington County since 2012:

AT-PLACE EMPLOYMENT TRENDS												
INDUSTRY	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023**
Agriculture, Forestry and Fisheries	N/A*											
Mining	4	N/A*	4	3	N/A*	N/A*	N/A*	N/A*	N/A*	7	10	18
Construction	2,330	2,244	2,298	2,369	2,180	2,070	2,025	1,947	2,125	2,247	2,192	2,281
Manufacturing	713	N/A*	1,036	1,080	N/A*	N/A*	N/A*	N/A*	N/A*	683	724	822
Transportation and Warehousing	7,987	7,884	8,001	8,149	8,306	8,631	8,741	9,459	8,168	7,900	9,014	10,619
Utilities	619	506	447	N/A*	N/A*	N/A*	370	355	387	402	360	325
Wholesale Trade	1,243	1,397	1,391	N/A*	N/A*	N/A*	1,613	1,623	1,713	1,679	1,415	1,471
Retail Trade	9,117	8,879	8,859	8,920	8,758	9,627	9,441	9,381	8,187	8,412	8,594	8,768
Leisure and Hospitality	17,309	17,384	17,414	18,298	18,634	18,445	18,452	18,297	12,265	13,132	15,458	16,847
Education and Health Services	15,327	14,853	13,643	13,789	14,255	14,512	14,492	14,471	13,059	13,245	13,017	13,715
Professional and Business Services	47,543	47,633	49,145	53,238	54,399	56,998	58,399	61,212	63,699	63,672	59,781	58,909
Financial Activities	6,838	6,878	7,016	6,862	6,951	6,871	6,966	7,068	6,520	6,252	9,117	10,029
Information	4,133	4,600	4,625	4,999	5,180	5,316	5,435	5,578	5,517	5,481	5,565	5,792
Other Services	10,800	10,883	10,872	11,272	11,303	11,120	10,909	11,133	10,493	10,194	10,663	10,953
Public Administration (Local Government)	2,920	2,919	2,737	2,774	2,817	2,605	2,555	2,459	2,348	2,283	2,371	2,443

Source: U.S. Bureau of Labor Statistics
 *Data was not available.
 **Preliminary Data

Unemployment in Arlington reached a high of 4.4 percent in 2020 and was at its lowest in 2019 with 1.9 percent. The rate for Arlington in April 2024 was 1.7 percent. The number employed has increased an average of 1.5 percent annually since 2010.

LABOR FORCE AND EMPLOYMENT TRENDS FOR ARLINGTON					
ANNUALS	CIVILIAN LABOR FORCE*	EMPLOYMENT		UNEMPLOYMENT	
		TOTAL	%	TOTAL	%
2010	137,453	131,635	95.8%	5,818	4.2%
2011	141,644	136,334	96.3%	5,310	3.7%
2012	143,875	138,982	96.6%	4,893	3.4%
2013	145,169	140,275	96.6%	4,894	3.4%
2014	145,098	140,437	96.8%	4,661	3.2%
2015	144,902	140,880	97.2%	4,022	2.8%
2016	146,628	142,857	97.4%	3,771	2.6%
2017	151,365	147,637	97.5%	3,728	2.5%
2018	153,786	150,729	98.0%	3,057	2.0%
2019	156,258	153,294	98.1%	2,964	1.9%
2020	152,550	145,804	95.6%	6,746	4.4%
2021	150,721	146,210	97.0%	4,511	3.0%
2022	152,636	149,286	97.8%	3,350	2.2%
2023	161,376	157,923	97.9%	3,453	2.1%
2024**	161,327	158,509	98.3%	2,818	1.7%

* Data based on place of residence.
 **Preliminary - based on monthly data through April 2024
 Source: U.S. Bureau of Labor Statistics



The State of Virginia reached a high of 7.3 percent in 2010 and was at its lowest point in 2019 with 2.8 percent. The rate for the State of Virginia in April 2024 was 2.8 percent. The number employed has increased 1.4 percent annually since 2010.

LABOR FORCE AND EMPLOYMENT TRENDS FOR VIRGINIA					
ANNUALS	CIVILIAN LABOR FORCE*	EMPLOYMENT		UNEMPLOYMENT	
		TOTAL	%	TOTAL	%
2010	4,163,293	3,858,466	92.7%	304,827	7.3%
2011	4,205,184	3,929,008	93.4%	276,176	6.6%
2012	4,217,529	3,967,151	94.1%	250,378	5.9%
2013	4,238,377	4,002,057	94.4%	236,320	5.6%
2014	4,258,856	4,040,908	94.9%	217,948	5.1%
2015	4,233,981	4,048,081	95.6%	185,900	4.4%
2016	4,254,348	4,084,822	96.0%	169,526	4.0%
2017	4,352,977	4,193,290	96.3%	159,687	3.7%
2018	4,359,053	4,228,274	97.0%	130,779	3.0%
2019	4,414,972	4,292,501	97.2%	122,471	2.8%
2020	4,342,950	4,062,417	93.5%	280,533	6.5%
2021	4,331,297	4,162,555	96.1%	168,742	3.9%
2022	4,435,858	4,308,805	97.1%	127,053	2.9%
2023	4,555,208	4,424,155	97.1%	131,053	2.9%
2024**	4,584,484	4,455,133	97.2%	129,351	2.8%

* Data based on place of residence.

**Preliminary - based on monthly data through April 2024

Source: U.S. Bureau of Labor Statistics

According to the U.S. Bureau of Labor Statistics, unemployment trends for Arlington are in line with the the unemployment trends for the State of Virginia.

CHANGE IN TOTAL EMPLOYMENT FOR ARLINGTON				
PERIOD	NUMBER		PERCENT	
	TOTAL	ANNUAL	TOTAL	ANNUAL
2010-2015	9,245	1,849	7.0%	1.4%
2015-2023	17,043	3,409	12.1%	1.5%

Source: U.S. Bureau of Labor Statistics

The changes in employment since 2010 by time period are listed in the above table. The data shows that the number of persons employed in Arlington increased an average of 1.5 percent per year between 2010 and 2023.

RECENT CHANGES IN EMPLOYMENT FOR ARLINGTON			
YEAR	NUMBER EMPLOYED	ANNUAL CHANGE	% OF LABOR FORCE UNEMPLOYED
2015	140,880	443	2.8%
2016	142,857	1,977	2.6%
2017	147,637	4,780	2.5%
2018	150,729	3,092	2.0%
2019	153,294	2,565	1.9%
2020	145,804	(7,490)	4.4%
2021	146,210	406	3.0%
2022	149,286	3,076	2.2%
2023	157,923	8,637	2.1%

Source: U.S. Bureau of Labor Statistics



The previous tables show the changes in employment and percent unemployed since 2015. The unemployment rate for the CDP of Arlington has fluctuated from 1.9 percent to 4.4 percent since 2015.

Major Employers

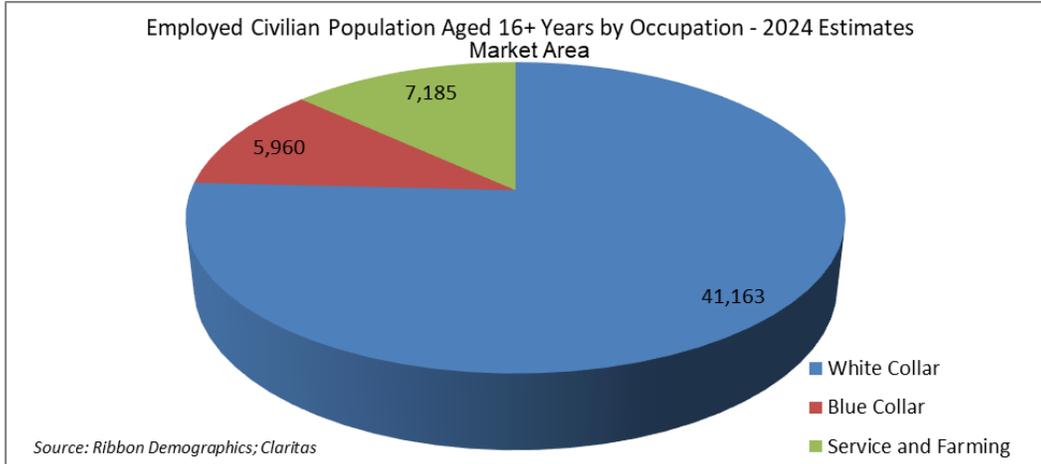
The name and product or service for the major employers of the CDP of Arlington and surrounding area are shown in the following table. Note the number of employees was unavailable.

MAJOR EMPLOYERS	
Name	Product/Service
Accenture	Information Technology
Amazon	Transportation/Warehousing/Utilities
AvalonBay Communities	Finance/Insurance/Real Estate/Rent/Lease
Black Cape Interos	Professional/Scientific/Technical Services
Bloomberg Industry Group	Professional/Scientific/Technical Services
Boeing	Professional/Scientific/Technical Services
Booz Allen Hamilton	Finance/Insurance/Real Estate/Rent/Lease
C3 Integrated Solutions	Professional/Scientific/Technical Services
County of Arlington	Government
Deloitte	Finance/Insurance/Real Estate/Rent/Lease
Echo Five Group	Professional/Scientific/Technical Services
Etrade	Finance/Insurance/Real Estate/Rent/Lease
Federal Employees	Government
Gartner	Finance/Insurance/Real Estate/Rent/Lease
Graham Holdings	Finance/Insurance/Real Estate/Rent/Lease
Grant Thornton	Finance/Insurance/Real Estate/Rent/Lease
Green Powered Technology	Professional/Scientific/Technical Services
Hungry	Accommodation/Food Services
Lockheed Martin	Professional/Scientific/Technical Services
Lovelytics	Professional/Scientific/Technical Services
Maginedge	Professional/Scientific/Technical Services
National Science Foundation	Environmental
Nestle	Accommodation/Food Services
PGLS	Other Services
Raytheon	Professional/Scientific/Technical Services
U.S. Department of Defense	Government
U.S. Department of Homeland Security	Government
U.S. Department of Justice	Government
U.S. Department of State	Government
U.S. Environmental Protection Agency	Government
Virginia Hospital Center	Health Care/Social Assistance

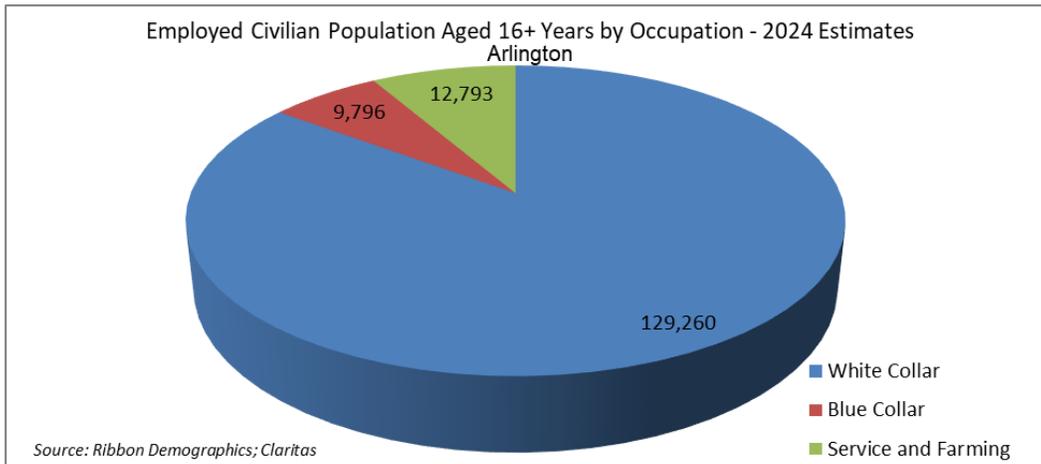
Source: Arlington Virginia Economic Development, June 2024



The majority of the civilian population within the market area are employed in white collar jobs though a significant portion are also employed in service and farming and blue collar positions. The following pie chart shows the breakdown within the market area.



The majority of the civilian population within the CDP are employed in white collar jobs though a significant portion are also employed in service and farming and blue collar positions. The following pie chart shows the breakdown within the CDP.





Place of Work Employment

The following chart shows the number of people employed in different sectors of the market area economy in 2024.

Market Area Employed Civilian Population Aged 16+ Years by Industry Current Year Estimates - 2024		
Industry	Number Employed	Percent Employed
Accommodation/Food Services	3,869	7.1%
Administrative/Support/Waste Management	2,329	4.3%
Agriculture/Forestry/Fishing/Hunting/Mining	67	0.1%
Arts/Entertainment/Recreation	1,318	2.4%
Construction	2,934	5.4%
Educational Services	5,005	9.2%
Finance/Insurance/Real Estate/Rent/Lease	3,429	6.3%
Health Care/Social Assistance	4,136	7.6%
Information	1,697	3.1%
Management of Companies and Enterprises	79	0.1%
Manufacturing	1,084	2.0%
Other Services Except Public Administration	3,281	6.0%
Professional/Scientific/Technical Services	13,010	24.0%
Public Administration	7,518	13.8%
Retail Trade	2,951	5.4%
Transportation/Warehousing/Utilities	1,433	2.6%
Wholesale Trade	168	0.3%
Total:	54,308	100.0%

Source: Ribbon Demographics; Claritas

The following chart shows the number of people employed in different sectors of the CDP economy in 2024.

Arlington Employed Civilian Population Aged 16+ Years by Industry Current Year Estimates - 2024		
Industry	Number Employed	Percent Employed
Accommodation/Food Services	6,383	4.2%
Administrative/Support/Waste Management	4,389	2.9%
Agriculture/Forestry/Fishing/Hunting/Mining	125	0.1%
Arts/Entertainment/Recreation	3,268	2.2%
Construction	4,777	3.1%
Educational Services	13,077	8.6%
Finance/Insurance/Real Estate/Rent/Lease	12,227	8.1%
Health Care/Social Assistance	10,905	7.2%
Information	4,980	3.3%
Management of Companies and Enterprises	186	0.1%
Manufacturing	3,964	2.6%
Other Services Except Public Administration	10,408	6.9%
Professional/Scientific/Technical Services	42,084	27.7%
Public Administration	25,711	16.9%
Retail Trade	6,034	4.0%
Transportation/Warehousing/Utilities	2,693	1.8%
Wholesale Trade	638	0.4%
Total:	151,849	100.0%

Source: Ribbon Demographics; Claritas

The above charts show the number of people employed in different sectors of the market area and Arlington economy in 2024. According to interviews conducted by the analyst, employers in the area indicate that the area economy should remain stable in the next two to five years.



Future Employment Trends

W.A.R.N. notices require employers with 100 or more employees to provide at least 60 calendar days advance written notice of plant closings and mass layoffs affecting 50 or more employees at a single site of employment. Exceptions to giving notice may be allowed in an economic crisis which is considered to be an unforeseen business circumstance. According to the Virginia Employment Commission, the below Worker Adjustment and Retraining Notifications (W.A.R.N.) notices were issued in the CDP of Arlington since January 2021.

W.A.R.N. NOTICES			
Company	City	Employees Lost	Layoff Date
American Electronics Inc. (Amelex)	Arlington	78	3/10/2023
DTSV, Inc.	Arlington	74	1/31/2023
Starry, Inc.	Arlington	53	10/21/2022
Five Star U Street Parking (DCA)	Arlington	109	9/30/2021
Marriott - Key Bridge	Arlington	89	7/27/2021
Rosetta Stone	Arlington	97	7/11/2021
Capital One	Statewide	147	9/7/2021
Total:		647	

Source: Virginia Employment Commission, June 2024

According to Troy Palma, Regional Economist with Arlington Economic Development, there have been several new and expanding businesses in the county, as well as numerous infrastructure projects.

New businesses and expansions include, but are not limited to, the following:

- Amazon HQ2 is Amazon's corporate headquarters in Crystal City, Arlington, Virginia and is an expansion of the company's headquarters in Seattle, Washington. Phase I, which has capacity for 14,000 employees, and has opened as of June 2023.
- CoStar Group., a leading global provider of online real estate marketplaces, is moving its global headquarters Rosslyn. The company will occupy a 560,000-square-foot office building known as Central Place Tower, and will move into the location in late 2024. The company will occupy 150,000 square feet of commercial office space and employ 650 workers in Arlington.
- Evolent Health and Privia Health, are recent spin-offs from the Advisory Board Corporation that have moved into 800 N. Glebe Road in Ballston. Both are leading edge health care related companies that serve providers through technology and new models of providing lower cost care in a highly competitive industry. Evolent Health has expanded from 8,000 to 38,000 square feet, and Privia Health is all new with 11,000 square feet.
- Google, american multinational corporation and technology company, plans to invest over \$1 billion into data centers in the Arlington County area. The company reported it is still seeking to bring at least 25,000 jobs to the area by 2038.
- Other significant expansions of existing firms include additions of 31,200 square feet for Rosetta Stone in Rosslyn and 14,000 square feet for Raytheon, also in Rosslyn, as well as Italian defense contractor DRS Technologies with 50,000 square feet in Crystal City. New to Arlington is the Association for Unmanned Vehicle Systems International in Shirlington. Two important retentions were 100,000 square feet for CACI and 94,000 square feet headquarters for AES, both headquarters operations in Ballston.

Due to the new and expanding businesses, the numerous infrastructure projects, the decreasing unemployment and minimal number of layoffs and closures in the region, it is believed that the economic outlook for the area will remain stable for the next two to five years.



Wages

The average annual wage of employees in Arlington was \$108,515 in 2023. Wages have been increasing 6.49 percent per year.

AVERAGE ANNUAL WAGE BY SECTOR			
INDUSTRY	2022	2023**	% INCREASE
Agriculture, Forestry and Fisheries	N/A*	N/A*	N/A*
Mining	\$39,364	\$34,735	-11.8%
Construction	\$107,021	\$116,040	8.4%
Manufacturing	\$134,800	\$134,800	0.0%
Transportation and Warehousing	\$96,600	\$116,834	20.9%
Utilities	N/A*	N/A*	N/A*
Wholesale Trade	\$161,709	\$182,745	13.0%
Retail Trade	\$41,331	\$47,967	16.1%
Leisure and Hospitality	\$34,869	\$36,230	3.9%
Education and Health Services	\$72,106	\$77,070	6.9%
Professional and Business Services	\$140,856	\$149,961	6.5%
Financial Activities	\$149,961	\$157,680	5.1%
Information	\$136,891	\$143,200	4.6%
Other Services	\$102,656	\$106,506	3.8%
Public Administration (Local Government)	\$106,506	\$106,929	0.4%

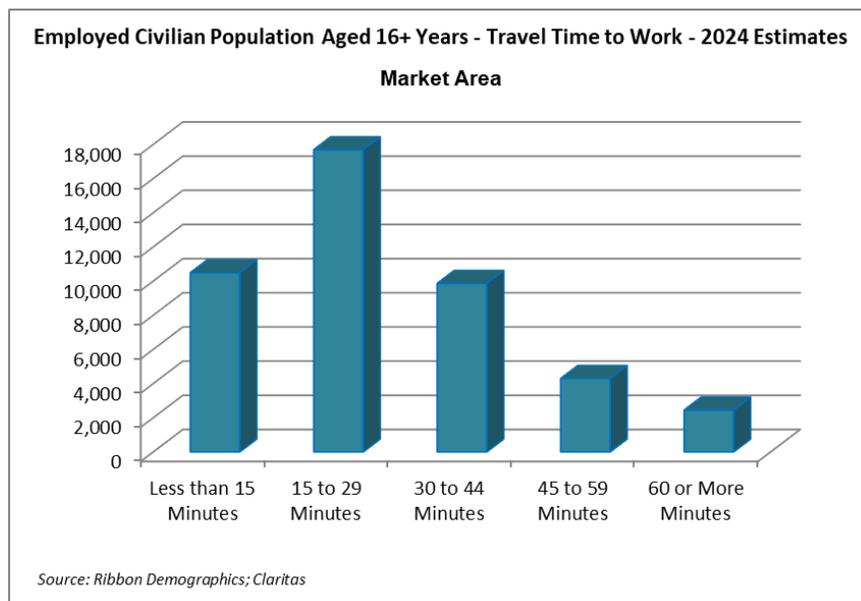
Source: U.S. Bureau of Labor Statistics

*Data was not available.

**Preliminary Data

Employment Outside the County

In 2024, for residents employed in market area, the travel time to work from the site is less than 30 minutes. For the majority of those employed in other parts of the town, the travel time would be within 30 minutes. According to the chart below, 23.4 percent have a travel time of less than 15 minutes; 39.5 percent have a travel time of 15 to 29 minutes; and 37.1 percent have a travel time of over 30 minutes. This relatively low travel time indicates that the subject site is in an area in close proximity to employment centers.





Summary of Employment Trends in Market Area

The subject is an existing LIHTC property that will be rehabilitated. Once renovation is complete, the property will feature one, two, and three-bedroom units and be 100 percent LIHTC property with rents set at 30, 50, 60, 70 and 80 percent of the area median income. Households with one to five persons and annual incomes between \$25,440 and \$133,680 will be potential tenants for the rehabilitated units. Major employers shown on Page 71 are included in the financial services; education and social services; health care/social services; government services; and other services sectors. The available employment is well-suited to the targeted population of the proposed rehabilitated LIHTC development.

VI. DEMOGRAPHIC CHARACTERISTICS



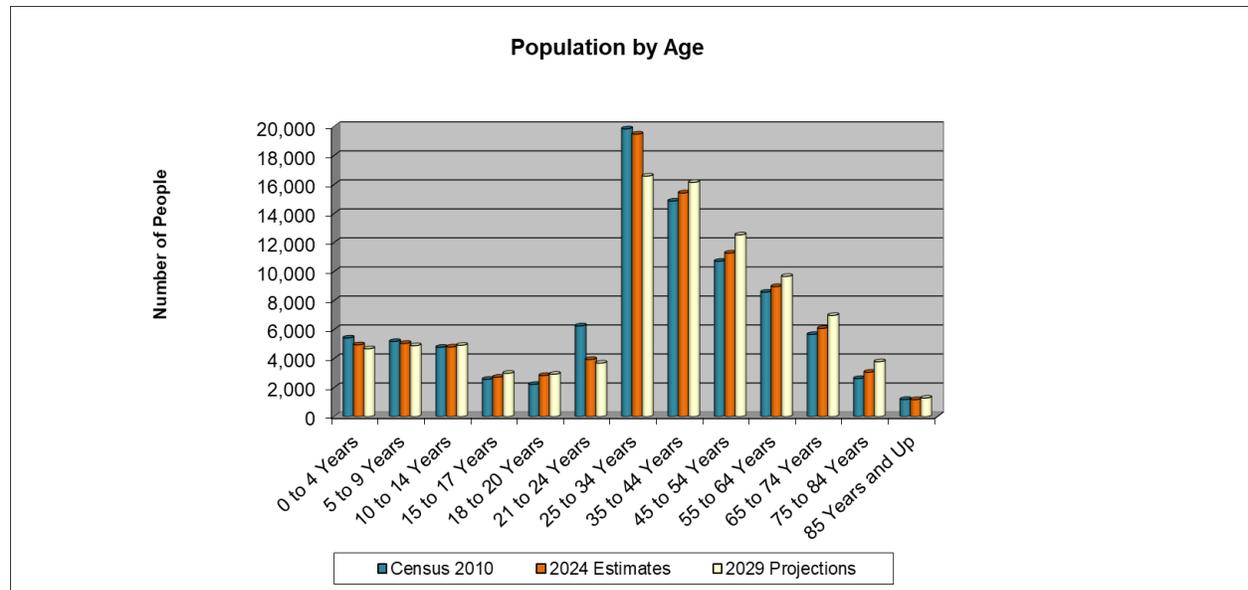
Population and Households Trends and Analysis

The housing Market Area for the rehabilitated units is an area in which people could locate their residences and have fairly equal access to the same job market, community services and amenities and be in the socio-economic community they choose.

The primary market area for the subject consists of the following census tracts: 1013.00, 1018.03, 1019.00, 1020.01, 1020.02, 1020.03, 1021.00, 1022.00, 1023.01, 1023.02, 1024.00, 1025.00, 1026.00, 1027.01, 1027.02, 1028.02, 1028.03, 1028.04, 1031.00, 1032.00, 1033.00, 1034.01 and 4515.02.

Market Area Population by Age & Sex												
Census 2020				Current Year Estimates - 2024				Five-Year Projections - 2029				
Age	Male	Female	Total	Age	Male	Female	Total	Age	Male	Female	Total	
0 to 4 Years	2,797	2,617	5,414	0 to 4 Years	2,533	2,412	4,945	0 to 4 Years	2,390	2,283	4,673	
5 to 9 Years	2,721	2,453	5,174	5 to 9 Years	2,615	2,426	5,041	5 to 9 Years	2,508	2,380	4,888	
10 to 14 Years	2,452	2,322	4,774	10 to 14 Years	2,507	2,289	4,796	10 to 14 Years	2,545	2,370	4,915	
15 to 17 Years	1,318	1,248	2,566	15 to 17 Years	1,406	1,302	2,708	15 to 17 Years	1,566	1,414	2,980	
18 to 20 Years	1,151	1,062	2,213	18 to 20 Years	1,456	1,373	2,829	18 to 20 Years	1,563	1,352	2,915	
21 to 24 Years	3,150	3,099	6,249	21 to 24 Years	1,989	1,945	3,934	21 to 24 Years	2,037	1,647	3,684	
25 to 34 Years	10,224	9,610	19,834	25 to 34 Years	10,089	9,381	19,470	25 to 34 Years	8,557	8,021	16,578	
35 to 44 Years	7,268	7,588	14,856	35 to 44 Years	7,598	7,818	15,416	35 to 44 Years	7,996	8,150	16,146	
45 to 54 Years	5,383	5,323	10,706	45 to 54 Years	5,567	5,702	11,269	45 to 54 Years	6,123	6,401	12,524	
55 to 64 Years	4,234	4,341	8,575	55 to 64 Years	4,488	4,474	8,962	55 to 64 Years	4,786	4,875	9,661	
65 to 74 Years	2,615	3,040	5,655	65 to 74 Years	2,802	3,274	6,076	65 to 74 Years	3,278	3,694	6,972	
75 to 84 Years	1,103	1,516	2,619	75 to 84 Years	1,273	1,780	3,053	75 to 84 Years	1,580	2,199	3,779	
85 Years and Up	<u>383</u>	<u>794</u>	<u>1,177</u>	85 Years and Up	<u>394</u>	<u>771</u>	<u>1,165</u>	85 Years and Up	<u>436</u>	<u>835</u>	<u>1,271</u>	
Total	44,799	45,013	89,812	Total	44,717	44,947	89,664	Total	45,365	45,621	90,986	
62+ Years	n/a	n/a	11,581	62+ Years	n/a	n/a	12,784	62+ Years	n/a	n/a	14,703	
Median Age:			34	Median Age:			35.7	Median Age:			38.0	

Source: Claritas; Ribbon Demographics



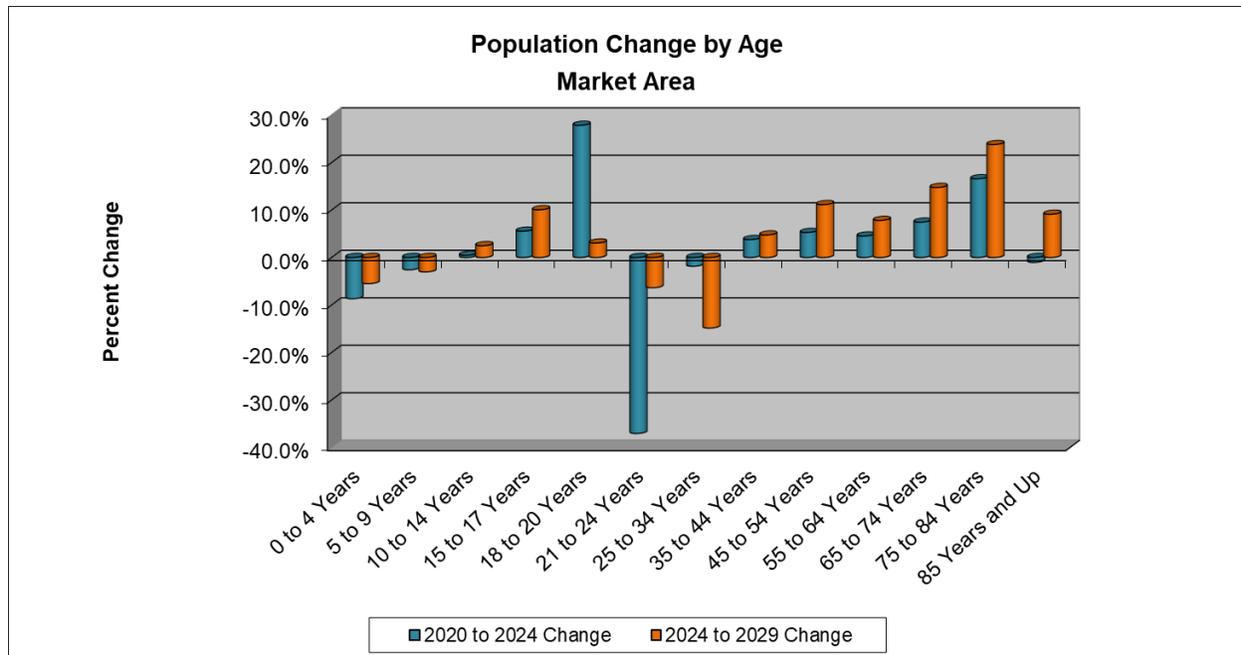
Source: Claritas; Ribbon Demographics



In 2010, this geographic market area contained an estimated population of 78,296. The population in 2020 in the market area increased 14.7 percent to 89,812. In 2024, the population in this market area slightly decreased 0.2 percent to 89,664. It is projected that between 2024 and 2029, population in the market area will increase 1.5 percent to 90,986. Population estimates and projections are based on the most recent data from Claritas and Ribbon Demographics. The following tables show the population change by age in the market area.

Market Area Changes in Population by Age & Sex									
Estimated Change - 2020 to 2024					Projected Change - 2024 to 2029				
Age	Male	Female	Total Change	Percent Change	Age	Male	Female	Total Change	Percent Change
0 to 4 Years	-264	-205	-469	-8.7%	0 to 4 Years	-143	-129	-272	-5.5%
5 to 9 Years	-106	-27	-133	-2.6%	5 to 9 Years	-107	-46	-153	-3.0%
10 to 14 Years	55	-33	22	0.5%	10 to 14 Years	38	81	119	2.5%
15 to 17 Years	88	54	142	5.5%	15 to 17 Years	160	112	272	10.0%
18 to 20 Years	305	311	616	27.8%	18 to 20 Years	107	-21	86	3.0%
21 to 24 Years	-1,161	-1,154	-2,315	-37.0%	21 to 24 Years	48	-298	-250	-6.4%
25 to 34 Years	-135	-229	-364	-1.8%	25 to 34 Years	-1,532	-1,360	-2,892	-14.9%
35 to 44 Years	330	230	560	3.8%	35 to 44 Years	398	332	730	4.7%
45 to 54 Years	184	379	563	5.3%	45 to 54 Years	556	699	1,255	11.1%
55 to 64 Years	254	133	387	4.5%	55 to 64 Years	298	401	699	7.8%
65 to 74 Years	187	234	421	7.4%	65 to 74 Years	476	420	896	14.7%
75 to 84 Years	170	264	434	16.6%	75 to 84 Years	307	419	726	23.8%
85 Years and Up	11	-23	-12	-1.0%	85 Years and Up	42	64	106	9.1%
Total	-82	-66	-148	-0.2%	Total	648	674	1,322	1.5%
62+ Years	n/a	n/a	1,203	10.4%	62+ Years	n/a	n/a	1,919	15.0%

Source: Claritas; Ribbon Demographics



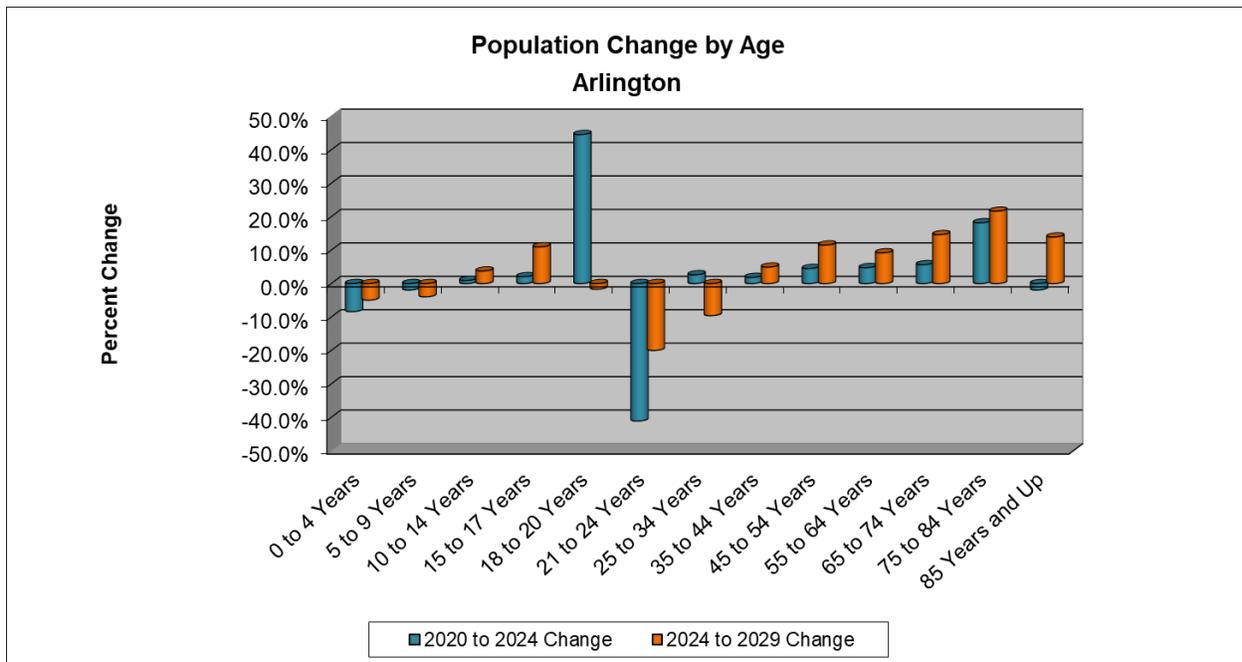
Source: Claritas; Ribbon Demographics



The total population in the market area has been increasing at a generally similar rate as the population for the CDP of Arlington. The following tables show the changes in population for the city.

Arlington Population by Age & Sex											
Census 2020				Current Year Estimates - 2024				Five-Year Projections - 2029			
Age	Male	Female	Total	Age	Male	Female	Total	Age	Male	Female	Total
0 to 4 Years	6,329	6,035	12,364	0 to 4 Years	5,792	5,538	11,330	0 to 4 Years	5,505	5,267	10,772
5 to 9 Years	6,292	5,813	12,105	5 to 9 Years	6,099	5,775	11,874	5 to 9 Years	5,826	5,580	11,406
10 to 14 Years	5,814	5,615	11,429	10 to 14 Years	5,966	5,571	11,537	10 to 14 Years	6,149	5,822	11,971
15 to 17 Years	3,125	3,057	6,182	15 to 17 Years	3,222	3,088	6,310	15 to 17 Years	3,614	3,389	7,003
18 to 20 Years	2,601	2,544	5,145	18 to 20 Years	3,586	3,852	7,438	18 to 20 Years	3,717	3,597	7,314
21 to 24 Years	8,791	9,675	18,466	21 to 24 Years	5,021	5,861	10,882	21 to 24 Years	4,477	4,230	8,707
25 to 34 Years	28,858	29,137	57,995	25 to 34 Years	29,719	29,808	59,527	25 to 34 Years	26,392	27,438	53,830
35 to 44 Years	19,017	19,510	38,527	35 to 44 Years	19,364	19,880	39,244	35 to 44 Years	20,350	20,828	41,178
45 to 54 Years	14,310	14,209	28,519	45 to 54 Years	14,733	15,073	29,806	45 to 54 Years	16,242	17,000	33,242
55 to 64 Years	11,267	11,311	22,578	55 to 64 Years	11,914	11,742	23,656	55 to 64 Years	12,835	12,995	25,830
65 to 74 Years	7,256	8,161	15,417	65 to 74 Years	7,656	8,632	16,288	65 to 74 Years	8,950	9,722	18,672
75 to 84 Years	3,186	3,956	7,142	75 to 84 Years	3,730	4,711	8,441	75 to 84 Years	4,500	5,769	10,269
85 Years and Up	<u>1,015</u>	<u>1,759</u>	2,774	85 Years and Up	<u>1,010</u>	<u>1,711</u>	2,721	85 Years and Up	<u>1,143</u>	<u>1,957</u>	3,100
Total	117,861	120,782	238,643	Total	117,812	121,242	239,054	Total	119,700	123,594	243,294
55+ Years	n/a	n/a	47,911	55+ Years	n/a	n/a	51,106	55+ Years	n/a	n/a	57,871
Median Age:			34	Median Age:			35.2	Median Age:			37.6

Source: Claritas; Ribbon Demographics



Source: Claritas; Ribbon Demographics



Housing Market

The demand for additional housing in a market area is a function of population growth, household formations and, also, a replacement of units lost through demolition and extreme obsolescence. Also, within the overall demand are segments of the market asking for more or less expense (related to income) and for ownership or rental.

Some of the demand has been, or will be, satisfied by units which have been built, or will be built, by the time the project is renting. The difference between demand and supply, the residual, is the total market of which the project's market will be a share.

The “tenure” of existing housing will be examined first as a guide to the future proportion of ownership and rentals; then characteristics of the housing stock will be noted.

The most important analysis is that of demand, supply and residual demand which follows. Its product is the number of type rental units which will be demanded.

Tenure

The percentage of renters in the market area in 2024 is 63.0 percent, the percentage of renters in the CDP of Arlington in 2024 is 61.7 percent. Household estimates and projections are based on the most recent data from Claritas and Ribbon Demographics.

Market Area

Total Households

Census 2010	33,286	
Census 2020	37,851	
Current Year Estimates 2024	37,504	
Five-Year Projections 2029	37,853	
Change 2010 - 2020	4,565	13.7%
Estimated Change 2020 - 2024	-347	-0.9%
Projected Change 2024 - 2029	349	0.9%
Average Household Size 2010	2.32	
Average Household Size 2020	2.34	
Average Household Size 2024	2.36	
Average Household Size 2029	2.37	



Households by Tenure

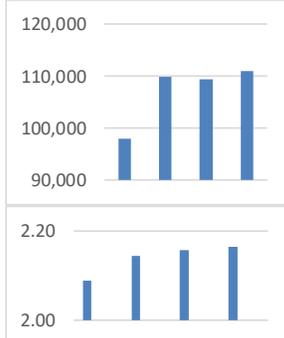
2020 Owner	14,035	37.1%
2020 Renter	23,816	62.9%
2024 Owner	13,877	37.0%
2024 Renter	23,627	63.0%
2029 Owner	13,959	36.9%
2029 Renter	23,894	63.1%

Source: Claritas; Ribbon Demographics



Arlington
Total Households

Census 2010	98,059	
Census 2020	109,912	
Current Year Estimates 2024	109,463	
Five-Year Projections 2029	111,061	
<i>Change 2010 - 2020</i>	11,853	12.1%
<i>Estimated Change 2020 - 2024</i>	-449	-0.4%
<i>Projected Change 2024 - 2029</i>	1,598	1.5%
Average Household Size 2010	2.09	
Average Household Size 2020	2.14	
Average Household Size 2024	2.16	
Average Household Size 2029	2.16	



Households by Tenure

2020 Owner	42,554	38.7%
2020 Renter	67,358	61.3%
2024 Owner	41,890	38.3%
2024 Renter	67,573	61.7%
2029 Owner	42,063	37.9%
2029 Renter	68,998	62.1%

Source: Claritas; Ribbon Demographics



Rent Overburdened Households

According to the Comprehensive Housing Affordability Strategy (CHAS) published by the Office of Policy Development and Research, in 2020 (the most recent data available), there were 5,280 renter-occupied households in the county with incomes greater than 30 percent and less than or equal to 50 percent that are considered rent overburdened. The rent overburdened households represent 85.6 percent of the households in the county with incomes greater than 30 percent and less than or equal to 50 percent. The percentage of rent-overburdened households was used in the demand analysis to calculate the number of households within the subject’s income range that are rent-overburdened.

Income by Cost Burden (Renters only)	Cost burden > 30%	Cost burden > 50%	Total
Household Income <= 30% HAMFI	7,195	6,585	9,525
Household Income >30% to <=50% HAMFI	5,280	2,515	6,165
Household Income >50% to <=80% HAMFI	4,060	885	5,350
Household Income >80% to <=100% HAMFI	2,995	165	5,790
Household Income >100% HAMFI	2,330	20	35,565
Total	21,860	10,170	62,400

Source: CHAS 2016-2020 American Community Survey

Substandard Households

According to the Comprehensive Housing Affordability Strategy (CHAS) published by the Office of Policy Development and Research, in 2020 (the most recent data available), there were 23,910 renter-occupied households in the county with at least one of the four following housing problems: incomplete kitchen facilities, incomplete plumbing facilities, more than one person per room and cost burden greater than 30 percent. This data includes rent-overburdened households which have already been addressed. Therefore, it is necessary to remove the rent-overburdened households from the data to determine the remaining substandard households. The previous table indicates there are 6,165 total rent overburdened households with incomes greater than 30 percent and less than or equal to 50 percent. These 6,165 households that were rent-overburdened were subtracted from the 23,910 households that are substandard. The result of 17,745 households represents 28.4 percent of the total renter households in the county. The percentage of substandard households was used in the demand analysis to calculate the number of households within the subject’s income range that are considered substandard.

Housing Problems Overview	Owner	Renter	Total
Household Has At Least 1 of 4 Housing Problems	8,285	23,910	32,195
Household Has None of 4 Housing Problems or Cost Burden Not Available, No Other Problems	37,920	38,490	76,410
Total	46,205	62,400	108,605

Source: CHAS 2016-2020 American Community Survey



Income Eligibility Analysis

Renter Households

All Age Groups

Year 2024 Estimates

	1-Person Household	2-Person Household	3-Person Household	4-Person Household	5+-Person Household	Total
\$0-10,000	872	185	170	117	64	1,408
\$10,000-20,000	724	213	135	86	62	1,220
\$20,000-30,000	491	192	118	199	134	1,134
\$30,000-40,000	376	192	208	185	167	1,128
\$40,000-50,000	695	353	133	193	179	1,553
\$50,000-60,000	675	255	176	199	195	1,500
\$60,000-75,000	1,134	252	349	292	172	2,199
\$75,000-100,000	1,511	817	303	426	153	3,210
\$100,000-125,000	862	997	326	291	101	2,577
\$125,000-150,000	515	960	132	138	210	1,955
\$150,000-200,000	466	1,271	574	206	154	2,671
\$200,000+	<u>608</u>	<u>988</u>	<u>849</u>	<u>473</u>	<u>154</u>	<u>3,072</u>
Total	8,929	6,675	3,473	2,805	1,745	23,627

Source: Claritas and Ribbon Demographics

Owner Households

All Age Groups

Year 2024 Estimates

	1-Person Household	2-Person Household	3-Person Household	4-Person Household	5+-Person Household	Total
\$0-10,000	153	29	22	15	18	237
\$10,000-20,000	160	78	33	13	53	337
\$20,000-30,000	148	42	15	35	24	264
\$30,000-40,000	189	37	14	40	14	294
\$40,000-50,000	188	97	44	32	21	382
\$50,000-60,000	155	138	99	41	15	448
\$60,000-75,000	438	130	24	129	22	743
\$75,000-100,000	469	313	82	106	69	1,039
\$100,000-125,000	473	302	79	144	134	1,132
\$125,000-150,000	310	451	91	100	133	1,085
\$150,000-200,000	546	783	255	143	268	1,995
\$200,000+	<u>640</u>	<u>2,261</u>	<u>1,160</u>	<u>1,372</u>	<u>488</u>	<u>5,921</u>
Total	3,869	4,661	1,918	2,170	1,259	13,877

Source: Claritas and Ribbon Demographics



Renter Households						
All Age Groups						
Year 2029 Projections						
	1-Person	2-Person	3-Person	4-Person	5+-Person	Total
	Household	Household	Household	Household	Household	
\$0-10,000	815	163	155	125	54	1,312
\$10,000-20,000	693	199	123	90	67	1,172
\$20,000-30,000	436	177	127	183	120	1,043
\$30,000-40,000	369	193	189	161	130	1,042
\$40,000-50,000	633	350	122	191	202	1,498
\$50,000-60,000	649	195	175	194	167	1,380
\$60,000-75,000	1,063	245	325	282	160	2,075
\$75,000-100,000	1,452	768	278	427	163	3,088
\$100,000-125,000	881	991	309	302	119	2,602
\$125,000-150,000	603	991	131	166	232	2,123
\$150,000-200,000	544	1,292	587	242	159	2,824
\$200,000+	<u>764</u>	<u>1,226</u>	<u>1,011</u>	<u>544</u>	<u>190</u>	3,735
Total	8,902	6,790	3,532	2,907	1,763	23,894

Source: Claritas and Ribbon Demographics

Owner Households						
All Age Groups						
Year 2029 Projections						
	1-Person	2-Person	3-Person	4-Person	5+-Person	Total
	Household	Household	Household	Household	Household	
\$0-10,000	150	26	18	16	9	219
\$10,000-20,000	147	69	28	22	44	310
\$20,000-30,000	146	44	16	26	31	263
\$30,000-40,000	171	40	12	37	15	275
\$40,000-50,000	154	76	35	35	16	316
\$50,000-60,000	158	124	76	28	15	401
\$60,000-75,000	395	132	26	122	33	708
\$75,000-100,000	442	336	66	111	68	1,023
\$100,000-125,000	440	298	67	119	126	1,050
\$125,000-150,000	277	393	98	88	137	993
\$150,000-200,000	556	724	219	127	256	1,882
\$200,000+	<u>767</u>	<u>2,515</u>	<u>1,253</u>	<u>1,432</u>	<u>552</u>	6,519
Total	3,803	4,777	1,914	2,163	1,302	13,959

Source: Claritas and Ribbon Demographics



The subject's units are most suitable for households with one to five persons between \$25,440 and \$133,680. Income is a key characteristic in analyzing housing markets. The previous pages show household incomes for the Market Area for all renter and owner households in 2024 and 2029. However, this analysis is primarily concerned with target incomes of renters as shown in the following table:

INCOME-ELIGIBLE RENTER HOUSEHOLDS					
	Gross Rent	Lower Range	Upper Range	% Income Qualified	Income-Eligible Households
All Unit Types (All)	\$742	\$25,440	\$133,680	56.6%	13,363
All Unit Types (30%)	\$742	\$25,440	\$41,790	8.1%	1,923
All Unit Types (50%)	\$1,165	\$39,943	\$69,650	18.9%	4,474
All Unit Types (60%)	\$1,319	\$45,223	\$100,260	32.5%	7,678
All Unit Types (70%)	\$1,328	\$45,531	\$97,510	32.5%	7,283
All Unit Types (80%)	\$1,527	\$52,354	\$133,680	41.5%	9,812
1 BR (All)	\$742	\$25,440	\$99,040	41.5%	6,482
1 BR (30%)	\$742	\$25,440	\$37,140	4.6%	717
1 BR (50%)	\$1,165	\$39,943	\$61,900	13.8%	2,157
1 BR (60%)	\$1,319	\$45,223	\$74,280	17.6%	2,750
1 BR (70%)	\$1,328	\$45,531	\$86,660	17.6%	3,870
1 BR (80%)	\$1,527	\$52,354	\$99,040	27.8%	4,336
2 BR (All)	\$881	\$30,206	\$111,440	35.8%	3,635
2 BR (30%)	\$881	\$30,206	\$41,790	4.7%	479
2 BR (50%)	\$1,390	\$47,657	\$69,650	9.2%	932
2 BR (60%)	\$1,699	\$58,251	\$83,580	10.5%	1,061
2 BR (70%)	\$1,386	\$47,520	\$97,510	10.5%	2,161
2 BR (80%)	\$1,860	\$63,771	\$111,440	21.4%	2,175
3 BR (All)	\$2,189	\$75,051	\$133,680	22.0%	1,765
3 BR (60%)	\$2,189	\$75,051	\$100,260	11.1%	888
3 BR (80%)	\$2,189	\$75,051	\$133,680	22.0%	1,765

Source: Claritas; Ribbon Demographics and HUD

Target incomes for the different unit types are derived by the analyst. For the low end of the range, the lowest rent charged in an income limit (i.e., 30% AMI) for a unit is divided by 35 percent. The resulting number is then multiplied by 12 to derive an annual income ($\$742 / 35\% = \$2,120 \times 12 = \$25,440$). This process is based on the premise that a tenant should not pay more than 35 percent of his annual income on rent.

For the high end of the range, the analyst consults the income limits set by the state housing authority. If the largest unit in an income limit (i.e., 80% AMI) is a three-bedroom unit, the analyst utilizes the three-person households to find how many people could reside in that unit. The analyst then consults the state income limits to set the high end of the range (3 bedroom x 1.5 = 3 people/unit; therefore, the 80% 5-person maximum income would be used).

The following table shows the maximum income limits at each income level as determined by the U.S. Department of Housing and Urban Development.

LIHTC INCOME LIMITS					
Person in Households	30%	50%	60%	70%	80%
1	\$32,490	\$54,150	\$64,980	\$75,810	\$86,640
2	\$37,140	\$61,900	\$74,280	\$86,660	\$99,040
3	\$41,790	\$69,650	\$83,580	\$97,510	\$111,440
4	\$46,410	\$77,350	\$92,820	\$108,290	\$123,760
5	\$50,130	\$83,550	\$100,260	\$116,970	\$133,680
6	\$53,850	\$89,750	\$107,700	\$125,650	\$143,600

Source: HUD

VII. DEVELOPMENT-SPECIFIC DEMAND ANALYSIS



Sources of Demand

The potential tenants for the rehabilitated development include households who now live within the market area. It will appeal to potential tenants who have adequate incomes to pay the proposed rents and find the development more attractive in terms of price, unit features and project amenities than other available rental units. It also will attract households that the market area gains between now and when the development is ready for occupancy.

Required Unit Mix

The LIHTC program is based on the premise that no more than 1.5 persons will occupy each bedroom in a unit. We expect that 10 percent of one-person households will occupy efficiency units. Ninety percent (90%) of one-person households and 25 percent of two-person households will occupy one-bedroom units. We expect that 75 percent of one-person households and 50 percent of two-person households will occupy two-bedroom units.

The following table illustrates the ratio of units required by each household size. These occupancy patterns suggest that efficiency units should account for 3.8 percent of the renter housing demand; one-bedroom units should account for 41.1 percent; two-bedroom units should account for 28.5 percent; three-bedroom units should account for 24.7 percent, and units with four or more bedrooms should account for 1.9 percent of the renter housing demand in the market area.

RENTAL HOUSING DEMAND BY NUMBER OF BEDROOMS						
HOUSEHOLD SIZE	0 BR	1 BR	2 BR	3 BR	4 BR	TOTAL
1 Person	893	8,036	0	0	0	8,929
2 Persons	0	1,669	5,006	0	0	6,675
3 Persons	0	0	1,737	1,737	0	3,473
4 Persons	0	0	0	2,525	281	2,805
5 or More Persons	0	0	0	1,571	175	1,745
TOTAL	893	9,705	6,743	5,832	455	23,627
PERCENT	3.8%	41.1%	28.5%	24.7%	1.9%	100.0%

Source: Claritas; Ribbon Demographics

Eligible Households

Landlords evaluate a potential tenant's income and credit to decide if applicant can pay the required rents. Commercial underwriters and owners of conventional market rate developments generally require that the monthly contract rent should not exceed one-third of a tenant's income. This is increased to 35 percent for tenants in the LIHTC program.

The subject's units are most suitable for households with one to three persons between \$25,440 and \$133,680. Income is a key characteristic in analyzing housing markets. The following table shows the income-eligible renter households by percent AMI and bedroom type:



INCOME-ELIGIBLE RENTER HOUSEHOLDS					
	Gross Rent	Lower Range	Upper Range	% Income Qualified	Income-Eligible Households
All Unit Types (All)	\$742	\$25,440	\$133,680	56.6%	13,363
All Unit Types (30%)	\$742	\$25,440	\$41,790	8.1%	1,923
All Unit Types (50%)	\$1,165	\$39,943	\$69,650	18.9%	4,474
All Unit Types (60%)	\$1,319	\$45,223	\$100,260	32.5%	7,678
All Unit Types (70%)	\$1,328	\$45,531	\$97,510	32.5%	7,283
All Unit Types (80%)	\$1,527	\$52,354	\$133,680	41.5%	9,812
1 BR (All)	\$742	\$25,440	\$99,040	41.5%	6,482
1 BR (30%)	\$742	\$25,440	\$37,140	4.6%	717
1 BR (50%)	\$1,165	\$39,943	\$61,900	13.8%	2,157
1 BR (60%)	\$1,319	\$45,223	\$74,280	17.6%	2,750
1 BR (70%)	\$1,328	\$45,531	\$86,660	17.6%	3,870
1 BR (80%)	\$1,527	\$52,354	\$99,040	27.8%	4,336
2 BR (All)	\$881	\$30,206	\$111,440	35.8%	3,635
2 BR (30%)	\$881	\$30,206	\$41,790	4.7%	479
2 BR (50%)	\$1,390	\$47,657	\$69,650	9.2%	932
2 BR (60%)	\$1,699	\$58,251	\$83,580	10.5%	1,061
2 BR (70%)	\$1,386	\$47,520	\$97,510	10.5%	2,161
2 BR (80%)	\$1,860	\$63,771	\$111,440	21.4%	2,175
3 BR (All)	\$2,189	\$75,051	\$133,680	22.0%	1,765
3 BR (60%)	\$2,189	\$75,051	\$100,260	11.1%	888
3 BR (80%)	\$2,189	\$75,051	\$133,680	22.0%	1,765

Source: Claritas; Ribbon Demographics and HUD

Penetration Rate

There are no competitive developments in the pipeline located market area. There are currently four vacant competing units in the market area. The subject is an existing LIHTC development that is currently 81.0 percent occupied with 22 vacant units. However, the penetration rate analysis was conducted as though the property were entirely vacant. The chart below indicates a penetration rate of 0.9 percent for the market area if all units were vacant.

REQUIRED PENETRATION RATE	
Income-Eligible Renter Households	13,363
Existing Vacant Competitive LIHTC Units	4
LIHTC Units Planned	0
Units in Subject	114
Total Inventory	118
Penetration Rate	0.9%

Demand Analysis

The following table will contain the summary demand estimates for the units.



REQUIRED NET DEMAND						
	All Units @ 30%	All Units @ 50%	All Units @ 60%	All Units @ 70%	All Units @ 80%	Project Total
Income Restrictions:	(\$25,440 - \$41,790)	(\$39,943 - \$69,650)	(\$45,223 - \$100,260)	(\$45,531 - \$97,510)	(\$52,354 - \$133,680)	(\$25,440 - \$133,680)
Demand from New Household Growth						
New Rental Households	9	20	34	34	44	60
PLUS						
Existing Households - Rent Overburdened	1,647	3,832	6,576	6,238	8,403	11,445
PLUS						
Existing Households - Substandard Housing	547	1,272	2,183	2,071	2,790	3,800
PLUS						
Existing Qualifying Tenants Likely to Remain After Renovation	0	0	0	0	0	0
EQUALS						
Total Demand	2,203	5,124	8,793	8,343	11,237	15,305
MINUS						
Supply (Includes Directly Comparable Vacant Units Completed or in Pipeline in the PMA)	0	0	4	0	0	4
EQUALS						
NET DEMAND	2,203	5,124	8,789	8,343	11,237	15,301
ABSORPTION PERIOD						
	1-2 Months	1-2 Months	2-4 Months	1 Month	2-4 Months	4-6 Months
CAPTURE RATE						
	All Units @ 30%	All Units @ 50%	All Units @ 60%	All Units @ 70%	All Units @ 80%	Project Total
Income Restrictions:	(\$25,440 - \$41,790)	(\$39,943 - \$69,650)	(\$45,223 - \$100,260)	(\$45,531 - \$97,510)	(\$52,354 - \$133,680)	(\$25,440 - \$133,680)
All Units at Subject	0.5%	0.9%	0.3%	0.1%	0.2%	0.7%
Units at Subject	12	46	26	8	22	114

*See Page 90 for absorption period explanation.



Demand Analysis Summary

New Rental Households: The demand from new renter household growth is calculated by taking the new rental households projected between 2024 and 2029 divided by five years and then multiplying by one year since the rehabilitation will be complete in two years. This resulted in a new renter household growth total of 106. The new renter household growth number of 106 was then multiplied by the percent of income qualified tenants in the market area ($106 \times 50.6\% = 60$). The subject will attract tenants with incomes between \$25,440 and \$133,680. The demand for new household growth is 60 for all units.

Existing Households – Rent Overburdened: The total number of income-eligible households is 13,363. The percent overburdened percentage of 85.6 percent determined on Page 80 was applied to this number to derive the existing households – rent overburdened shown on the demand chart on the previous page.

Existing Households – Substandard Housing: The total number of income-eligible households is 13,363. The percent of substandard households as determined on Page 80 was applied to this number to derive the substandard households as shown on the demand chart on the previous page.

Existing Qualifying Tenants Likely to Remain After Renovation: The subject is an existing LIHTC development that is currently 81.0 percent occupied. No units were included in this portion of the analysis.

Supply: There are no planned developments in the market area that will compete with the subject. There are currently four vacant competing units in the market area. Therefore, a total of four units were subtracted from the supply.

Total Net Demand and Conclusion: The market shows a net demand of 15,301 units for all units. The subject is an existing LIHTC development that is currently 81.0 percent occupied and is currently holding units vacant as the subject is expected to undergo rehabilitation. After rehabilitation, the property will be LIHTC restricted at 30, 50, 60, 70 and 80 percent of the area median income. However, the analysis was completed only considering all units vacant. The capture rate is 0.7 percent, which is considered good due to the existing waiting lists and high occupancy rates of LIHTC properties in the market area as well as the current population and household growth and stable economic factors. Therefore, it is the belief of the analysts that the property will continue to be viable within the market area and would be so even if it were entirely vacant. Consequently, it is firmly believed that the rehabilitated development will continue to satisfy a portion of the demand for rental units within the market. It is believed that the property will meet the demand for affordable housing in the market area.

Absorption Period: The subject is an existing LIHTC development that is currently 81.0 percent occupied. The property will be LIHTC at 30, 50, 60, 70, and 80 percent of the area median income. The rehabilitation of the development will not displace any tenants. However, the absorption rate analysis was conducted as though the property were vacant. The absorption level is typically based on the most recent multifamily developments. There were no recent affordable developments constructed in the market area for which lease up data was available. Therefore, the analyst also considered the opinions of apartment managers and local real estate agents, the current occupancy rates of the surveyed developments and the current waiting lists of the affordable developments, including the subject, confirmed in the market area. After considering all factors, it is estimated that the development could absorb 20 to 25 units per month, resulting in a 95 percent occupancy level within four to six months.



Capture Rate Analysis

The following table shows the capture rates for the rehabilitated development.

CAPTURE RATE	
Project Wide Capture Rate - LIHTC Units	0.7%
Project Wide Absorption Rate	4-6 Months

The market shows a net demand of 15,301 households for all units. The subject is an existing LIHTC development that is currently 81.0 percent occupied, with 22 vacant units. As complete, the property will be 100 percent LIHTC at 30, 50, 60, 70 and 80 percent of the area median income. The capture rate is 0.7 percent, which is considered good. In addition, the existing LIHTC properties have high occupancy rates, and the majority maintain waiting lists. Also, the population and households in the market are projected to grow through 2029, and there is economic growth in the region. Therefore, it is the belief of the analysts that the property will continue to be viable within the market area. Consequently, it is firmly believed that the rehabilitated development will continue to satisfy a portion of the demand for rental units within the market. It is believed that the property will meet the demand for affordable housing in the market area.

VIII. COMPETITIVE ENVIRONMENT



Housing Profile

Market Area Overview

The rental housing stock in the market area is comprised of single-family homes as well as market-rate and restricted apartment complexes. The majority of the housing stock was built in the 1940s and 1990s.

Housing Inventory

From 2010 through June 2024, permit-issuing jurisdictions in Arlington reported a total of 24,262 single-family and multifamily dwelling permits. Multifamily units were estimated at 87.2 percent of the planned construction activity.

BUILDING PERMITS ISSUED			
YEAR	SINGLE-FAMILY	MULTIFAMILY	TOTAL
2010	286	589	875
2011	193	1,752	1,945
2012	156	2,051	2,207
2013	204	730	934
2014	229	1,931	2,160
2015	245	407	652
2016	334	1,580	1,914
2017	184	2,700	2,884
2018	206	2,550	2,756
2019	161	582	743
2020	294	259	553
2021	226	3,097	3,323
2022	180	1,980	2,160
2023	220	1,054	1,274
2024*	55	0	55
TOTAL	3,173	21,262	24,380

**Preliminary Numbers through June 2024*

Source: SOCDS

Projects Planned or Under Construction

There have been two developments that has been awarded tax credits in the market since 2019. Whitefield Commons was awarded in 2020 for the rehabilitation of an existing family LIHTC development that contains 67 units. The property offers one, two, and three-bedroom units at 50 and 60 percent of the area median income. This property is currently existing and competitive is competitive with the subject. Arlington View Terrace Apartments was allocated tax credits in 2020 for the new construction of a family LIHTC development that features studio, one, two, and three-bedroom units at 30, 50, and 60 percent of AMI. Note this property has been selected as a comparable and directly competes with the subject.

Unit Condition

The market area’s rental housing stock is in varying condition. Overall, the developments are well maintained.



Housing Units

The following tables show significant characteristics of the market area's housing stock in 2024. According to Claritas and Ribbon Demographics, there are 40,601 total housing units in the market area, 37,504 of which are occupied. There are 13,877 owner-occupied households and 23,627 renter-occupied households for 2024. In addition, there are 3,097 total vacant housing units in the market area.

Market Area Housing Unit Summary		
<i>Current Year Estimates - 2024</i>		
	Number	Percent
Housing Units	40,601	100.0%
Vacant Housing Units	3,097	7.6%
Renter-Occupied	23,627	63.0%
Owner-Occupied	<u>13,877</u>	<u>37.0%</u>
Total Occupied:	37,504	100.0%

Source: Ribbon Demographics; Claritas

Age of Rental Units

In 2024, there are 4,369 households constructed prior to 1939. According to Claritas and Ribbon Demographics, 4,937 households were built in 2010 or later.

Market Area Housing Units by Year Structure Built		
<i>Current Year Estimates - 2024</i>		
Year	Number	Percent
2020 or Later	782	1.9%
2010 - 2019	4,155	10.2%
2000 - 2009	3,199	7.9%
1990 - 1999	2,217	5.5%
1980 - 1989	4,192	10.3%
1970 - 1979	4,444	10.9%
1960 - 1969	6,119	15.1%
1950 - 1959	4,728	11.6%
1940 - 1949	6,396	15.8%
1939 or Earlier	<u>4,369</u>	<u>10.8%</u>
Total:	40,601	100.0%

Source: Ribbon Demographics; Claritas



Unit Types

In 2024 there were 15,718 single-family housing units, 23,929 multifamily housing units and 113 mobile homes or other housing in the market area.

Market Area		
Housing Units by Units in Structure		
Current Year Estimates - 2023		
Unit	Number	Percent
I Unit Detached	10,247	25.9%
I Unit Attached	5,368	13.6%
2 Units	620	1.6%
3 to 4 Units	2,285	5.8%
5 to 19 Units	7,904	20.0%
20 to 49 Units	1,796	4.5%
50 or More Units	11,324	28.6%
Mobile Home	59	0.1%
Other	8	0.0%
Total:	39,611	100.0%

Source: Ribbon Demographics; Claritas

Unit Size

The average size of the units in the surveyed developments is 722 square feet for one-bedroom units: 965 square feet for two-bedroom units and 1,278 square feet for three-bedroom units. The subject's one, two, and three-bedroom unit sizes are within the comparable range and below the market average. However, the subject and the comparables in the market area maintain high occupancy rates, and all of the affordable developments maintain waiting lists. Consequently, it is believed the subject's unit sizes will be competitive in this market.

AVERAGE APARTMENT SIZE OF COMPARABLE APARTMENTS

Unit Type	COMPARABLES			Subject (SF)	Subject's Advantage
	Minimum (SF)	Maximum (SF)	Average (SF)		
1 BR	448	1,021	722	575 - 602	-20.4 to -16.7%
2 BR	678	1,300	965	630 - 885	-18.3 to -34.7%
3 BR	982	1,800	1,278	744	-41.8%

Source: Gill Group Field Survey

Rental Vacancy Rates

According to RealtyRates.com Market Survey, the vacancy rate for the South Atlantic Region has fluctuated only slightly. For 2022, the vacancy rate ranged from 5.1 percent to 5.3 percent, with an average of 5.2 percent. The average vacancy rate for the region in 2023 was 5.0 percent.

REALTY RATES MARKET SURVEY - REGIONAL VACANCY RATES

QUARTER	2021	2022	2023
1st Quarter	5.8%	5.3%	5.1%
2nd Quarter	5.6%	5.2%	5.0%
3rd Quarter	5.5%	5.1%	5.0%
4th Quarter	5.4%	5.1%	5.1%

Source: RealtyRates.com Market Survey, South Atlantic Region



Vacancy Analysis

The vacancy rate for affordable housing units in the market area is 2.7 percent. The following table shows the vacancy rates for all affordable housing verified in the market area, including the subject. Note that the subject is currently not leasing vacant units as the property is preparing to undergo rehabilitation. Excluding the subject’s units, the affordable comparable vacancy rate is 0.8 percent. Additionally, all but one of the affordable comparables maintain extensive waiting lists.

AFFORDABLE HOUSING VACANCIES			
Name of Property	# of Units	# of Vacant Units	Vacancy Rate
Barcroft Apartments Bravo I	114	22	19.0%
Monterey Apartments	109	0	0.0%
The Fields of Arlington	198	4	2.0%
Arlington View Terrace West	47	0	0.0%
The Terraces at Arlington	77	0	0.0%
Woodbury Park	204	4	2.0%
Knightsbridge Apartments	37	0	0.0%
Buchanan Gardens	111	0	0.0%
Columbia Grove Apartments	208	0	0.0%
Totals	1,105	30	2.7%

The current vacancy rate in surveyed market-rate apartment complexes surveyed is 1.0 percent. The following table shows the vacancy rates for each conventional property verified in the area.

MARKET VACANCIES			
Name of Property	# of Units	# of Vacant Units	Vacancy Rate
Dorchester Tower	263	3	1.0%
Courtland Towers	579	0	0.0%
Westmont Gardens	208	2	1.0%
Renew Alexandria	184	0	0.0%
The Beacon Clarendon	187	2	1.0%
Infinity Apartments	227	14	6.0%
Ballston Park Apartments	512	2	0.3%
The Whitmore	219	2	1.0%
Myerton	107	0	0.0%
Columbia Crossing Apartments	247	5	2.0%
Thomas Court	49	0	0.0%
Columbia Park	178	2	1.0%
Oakland Apartments	245	0	0.0%
Haven Columbia Pike	118	2	2.0%
Totals	3,323	34	1.0%



The market area has an overall rental vacancy rate of 1.4 percent. Of the 4,428 total units verified, 64 were vacant.

Lease Terms and Concessions

The typical lease is twelve months. At the time of the writing of this report, there were no properties offering any rental concessions.

Likely Impact of Rehabilitated Development on Rental Occupancy Rates

The proposed rehabilitation of the existing LIHTC development will not have an adverse impact on the market area. Its studio, one, and two-bedroom units will be suitable in the market. Therefore, the rehabilitation of the project is unlikely to materially impact the existing properties in the market area which also exhibit strong occupancy rates.



Comparable Profile Pages

Multi-Family Lease No. 1



Property Identification

Record ID 35819
Property Type Elevator
Property Name Dorchester Towers
Address 2001 Columbia Pike, Arlington, Arlington County, Virginia 22204
Market Type Market

Verification Omar; 703-574-2304, June 19, 2024

<u>Unit Type</u>	<u>Unit Mix</u>			<u>Mo. Rent/SF</u>
	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	
Efficiency	58	516	\$1,500	\$2.91
Efficiency		516	\$1,650	\$3.20
1/1	55	798	\$1,840	\$2.31
1/1		798	\$1,940	\$2.43
1/1	59	816	\$1,840	\$2.25
1/1		816	\$1,900	\$2.33
2/1	14	1,175	\$2,175	\$1.85
2/1	30	1,176	\$2,250	\$1.91
2/2	14	1,116	\$2,350	\$2.11
3/2	30	1,440	\$2,890	\$2.01

Occupancy 99%
Rent Premiums N
Total Units 260
Unit Size Range 516 - 1,440
Avg. Unit Size 894
Monthly Rent Range \$1,500 - \$2,890



Avg. Rent/Unit	\$1,978
Avg. Rent/SF	\$2.21
SF	232,516

Physical Data

No. of Buildings	1
Construction Type	Brick
HVAC	Central Gas/Central Elec
Stories	7
Utilities with Rent	Electricity, Water, Gas, Sewer, Trash Collection
Parking	L/O
Year Built	1961
Condition	Average
Gas Utilities	Heating, Cooking, Hot Water
Electric Utilities	Cooling, Other Elec

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Carpet, Vinyl, Ceramic Tile, Blinds, Ceiling Fans, Walk-In Closet, Balcony, Clubhouse, Swimming Pool, Picnic Area, Tennis Court, Rooftop Terrace, Laundry Facility, On-Site Management, On-Site Maintenance, Intercom Entry, Video Surveillance, Sundeck

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate is approximately 29 percent. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 2



Property Identification

Record ID 37909
Property Type Elevator
Property Name Courtland Towers
Address 1200 North Veitch Street, Arlington, Arlington County, Virginia
 22201
Market Type Market
Verification Carol/Gay; 866-733-2430, June 19, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
Efficiency		550	\$2,195	\$3.99
Efficiency		650	\$2,195	\$3.38
1/1		750	\$2,395	\$3.19
1/1		950	\$2,810	\$2.96
1/1		1,000	\$2,705	\$2.71
1/1		1,000	\$2,930	\$2.93
2/2		1,100	\$3,270	\$2.97
2/2		1,300	\$4,900	\$3.77
3/2.5		1,340	\$4,310	\$3.22
3/2.5		1,340	\$4,895	\$3.65
3/3		1,700	\$4,580	\$2.69
3/3.5		1,800	\$4,850	\$2.69

Occupancy 100%
Rent Premiums N
Total Units 575
Unit Size Range 550 - 1,800

Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204



Monthly Rent Range \$2,195 - \$4,900

Physical Data

Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	15
Utilities with Rent	None
Parking	G/100-150
Year Built	1990
Condition	Average
Gas Utilities	Cooking, Hot Water
Electric Utilities	Cooling, Heating, Other Elec

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Washer, Dryer, Carpet, Vinyl, Ceramic Tile, Blinds, Ceiling Fans, Walk-In Closet, Coat Closet, Balcony, Patio, Clubhouse, Swimming Pool, Exercise Room, Playground, Basketball Court, Business Center, Extra Storage, Controlled Access, Racquetball Court, Game Room, On-Site Management, On-Site Maintenance, Courtyard, Bike Storage, Stainless Steel Appliances

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The property accepts Housing Choice Voucher; However, the contact was unable to report usage..



Multi-Family Lease No. 3



Property Identification

Record ID 17340
Property Type Walk-Up
Property Name Westmont Gardens
Address 3860 Columbia Pike, Arlington, Arlington County, Virginia 22204
Market Type Market

Verification Denilso; 703-665-3140, June 19, 2024

<u>Unit Type</u>	<u>Unit Mix</u>			<u>Mo. Rent/SF</u>
	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	
1/1	82	720	\$1,740	\$2.42
1/1		720	\$1,880	\$2.61
2/1	42	950	\$2,150	\$2.26
2/1		950	\$2,280	\$2.40
2/1.5	42	960	\$2,230	\$2.32
2/1.5		960	\$2,280	\$2.38
3/2	42	1,200	\$2,790	\$2.33
3/2		1,200	\$2,830	\$2.36

Occupancy 99%
Rent Premiums N
Total Units 208
Unit Size Range 720 - 1,200
Avg. Unit Size 912
Monthly Rent Range \$1,740 - \$2,830
Avg. Rent/Unit \$2,134
Avg. Rent/SF \$2.34

SF 189,660



Physical Data

No. of Buildings	20
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	3
Utilities with Rent	Electricity, Water, Gas, Sewer, Trash Collection
Parking	L/O
Year Built	1960/1990
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Carpet, Vinyl, Swimming Pool, Exercise Room, Extra Storage, Playground, Laundry Facility, On-Site Management, On-Site Maintenance

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate is approximately 30 percent. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 4



Property Identification

Record ID 38511
Property Type Walk-Up
Property Name ReNew Alexandria
Address 3529 Leesburg Court, Alexandria, Arlington County, Virginia
 22302
Market Type Market
Verification Elizabeth; 703-820-2717, June 19, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1	89	669	\$1,800	\$2.69
1/1		669	\$1,800	\$2.69
2/1	86	852	\$2,265	\$2.66
3/1.5	9	1,106	\$2,560	\$2.31

Occupancy 100%
Rent Premiums N
Total Units 184
Unit Size Range 669 - 1,106
Avg. Unit Size 776
Monthly Rent Range \$1,800 - \$2,560
Avg. Rent/Unit \$2,055



Avg. Rent/SF \$2.65

Physical Data

No. of Buildings	19
Construction Type	Brick
HVAC	PTAC Elec/PTAC Elec
Stories	3
Utilities with Rent	None
Parking	L/60
Year Built	1961/2024
Condition	Average
Gas Utilities	Cooking, Hot Water
Electric Utilities	Heating, Cooling, Other Elec

Amenities

Refrigerator, Range/Oven, Carpet, Ceramic Tile, Blinds, Balcony, Patio, Swimming Pool, Playground, Package Receiving, Extra Storage (\$50), On-Site Management, On-Site Maintenance, Bike Storage

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 5



Property Identification

Record ID 37901
Property Type Elevator
Property Name The Beacon Clarendon
Address 1128 North Irving Street, Arlington, Arlington County, Virginia 22201
Market Type Market
Verification Monica; 703-313-2971, June 19, 2024

<u>Unit Type</u>	<u>Unit Mix</u>			<u>Mo. Rent/SF</u>
	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	
1/1		580	\$2,185	\$3.77
1/1		601	\$2,340	\$3.89
1/1		638	\$2,165	\$3.39
1/1		655	\$2,725	\$4.16
1/1		663	\$2,326	\$3.51
1/1		673	\$2,775	\$4.12
1/1		692	\$1,735	\$2.51
1/1		701	\$2,755	\$3.93
1/1		709	\$1,920	\$2.71
1/1		730	\$3,068	\$4.20
1/1		735	\$2,105	\$2.86
1/1		760	\$2,805	\$3.69
1/1		792	\$3,385	\$4.27
1/1		793	\$2,710	\$3.42
1/1		806		

Occupancy 99%
Rent Premiums N



Total Units	187
Unit Size Range	580 - 1,605
Monthly Rent Range	\$1,735 - \$4,505

Physical Data

Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	10
Utilities with Rent	None
Parking	G/200
Year Built	2014
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Washer, Dryer, Carpet, Wood, Blinds, Ceiling Fans, Walk-In Closet, Balcony, Patio, Stainless Steel Appliances, Granite Countertops, Clubhouse, Meeting Room, Swimming Pool, Exercise Room, Business Center, Package Receiving, Charging Stations, Rooftop Terrace, Extra Storage, Breakfast/Coffee Concierge, On-Site Management, On-Site Maintenance, Bike Storage

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 6



Property Identification

Record ID 35814
Property Type Elevator
Property Name Infinity Apartments
Address 955 South Columbus Street, Arlington, Arlington County, Virginia 22204
Market Type Market
Verification Leo; 703-671-4990, June 19, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
Efficiency	1	385	\$1,440	\$3.74
1/1	92	790	\$1,712	\$2.17
1/1	4	808	\$1,500	\$1.86
1/1	4	865	\$1,708	\$1.97
1/1	28	917	\$1,766	\$1.93
1/1	5	938	\$1,680	\$1.79
2/1	55	1,043	\$2,388	\$2.29
2/1	22	1,051	\$2,427	\$2.31
2/1	10	1,118	\$2,595	\$2.32
3/2	6	1,383	\$3,066	\$2.22

Occupancy 94%
Rent Premiums Y
Total Units 227
Unit Size Range 385 - 1,383
Avg. Unit Size 925



Monthly Rent Range	\$1,440 - \$3,066
Avg. Rent/Unit	\$2,021
Avg. Rent/SF	\$2.18
SF	210,088

Physical Data

No. of Buildings	2
Construction Type	Brick
HVAC	PTAC Elec/PTAC Elec
Stories	5
Utilities with Rent	Water, Sewer, Trash Collection
Parking	L/O, CP/99
Year Built	1959/2011
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Washer, Dryer, Carpet, Vinyl, Ceramic Tile, Blinds, Ceiling Fans, Swimming Pool, Exercise Room, Business Center, Package Receiving, On-Site Management, On-Site Maintenance, Intercom Entry, Stainless Steel Appliances, Granite Countertops

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was approximately 29 percent. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 7



Property Identification

Record ID 26374
Property Type Walk-Up
Property Name Ballston Park Apartments
Address 351 North Glebe Road, Arlington, Arlington County, Virginia 22203
Market Type Market/LIHTC
Verification Etsub; 703-526-9600, June 19, 2024

<u>Unit Type</u>	<u>Unit Mix</u>			<u>Mo. Rent/SF</u>
	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	
Efficiency		460	\$1,650	\$3.59
Efficiency		470	\$1,453	\$3.09
1/1		626	\$1,690	\$2.70
1/1		634	\$1,745	\$2.75
1/1		642	\$1,745	\$2.72
1/1		652	\$1,760	\$2.70
1/1		657	\$1,757	\$2.67
1/1		661	\$1,760	\$2.66
1/1		671	\$1,760	\$2.62
2/1		862	\$2,475	\$2.87
2/1		873	\$2,505	\$2.87
2/1 T		894	\$2,505	\$2.80
3/1 T		1,300	\$2,624	\$2.02

Occupancy 98%
Rent Premiums Y
Total Units 512
Unit Size Range 460 - 1,300

Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204



Monthly Rent Range \$1,453 - \$2,624

Physical Data

No. of Buildings	41
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	2
Utilities with Rent	None
Parking	L/O
Year Built	1930/2015
Condition	Average
Gas Utilities	Cooking
Electric Utilities	Heating, Cooling, Hot Water, Other Elec

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Washer/Dryer Hook-Ups, Carpet, Blinds, Ceiling Fans, Walk-In Closet, Coat Closet, Balcony, Patio, Pantry, Linen Closet, Clubhouse, Swimming Pool, Exercise Room, Picnic Area, Playground, Tot Lot, Package Receiving, Extra Storage (\$20), Bike Share, Concierge, Laundry Facility, On-Site Management, On-Site Maintenance, Intercom Entry, Sundeck, Common Area Wi-Fi, Walking Trail

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 8



Property Identification

Record ID 35816
Property Type Elevator
Property Name The Whitmore
Address 4301 Columbia Pike, Arlington, Arlington County, Virginia 22204
Market Type Market

Verification Laura; 703-485-8482, June 19, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
Efficiency	1	491	\$1,599	\$3.26
Efficiency	49	574	\$1,654	\$2.88
1/1	1	648	\$1,599	\$2.47
1/1	40	852	\$2,086	\$2.45
1/1	11	956	\$2,238	\$2.34
1/1	1	989	\$2,355	\$2.38
1/1	14	1,021	\$2,116	\$2.07
2/1.5	52	1,138	\$2,494	\$2.19
2/1.5	26	1,158	\$2,870	\$2.48
2/2	14	1,230	\$2,691	\$2.19
3/2	10	1,487	\$3,210	\$2.16

Occupancy 99%
Rent Premiums N
Total Units 219

Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204



Unit Size Range	491 - 1,487
Avg. Unit Size	961
Monthly Rent Range	\$1,599 - \$3,210
Avg. Rent/Unit	\$2,276
Avg. Rent/SF	\$2.37

SF	210,518
-----------	---------

Physical Data

No. of Buildings	1
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	6
Utilities with Rent	Water, Sewer, Trash Collection
Parking	L/75-110
Year Built	1962/2008
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Washer, Dryer, Carpet, Vinyl, Blinds, Ceiling Fans, Walk-In Closet, Balcony, Clubhouse, Swimming Pool, Exercise Room, Picnic Area, Extra Storage, Package Receiving, On-Site Management, On-Site Maintenance, Intercom Entry, Bike Storage, Stainless Steel Appliances, Quartz Countertops

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 9



Property Identification

Record ID 16527
Property Type Walk-Up
Property Name Myerton
Address 108 South Court House Road, Arlington, Arlington County, Virginia 22204
Market Type Market
Verification Ramanda; 833-277-1507, June 19, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1	33	448	\$1,862	\$4.16
1/1	1	491	\$1,317	\$2.68
1/1	33	536	\$1,883	\$3.51
1/1	13	549	\$1,828	\$3.33
1/1	1	571	\$1,475	\$2.58
1/1	1	600	\$1,470	\$2.45
1/1	1	606	\$1,971	\$3.25
1/1	5	610	\$1,420	\$2.33
1/1	1	621	\$1,962	\$3.16
1/1	10	635	\$2,276	\$3.58
2/1	1	786	\$2,534	\$3.22
2/2	1	1,180	\$1,906	\$1.62
3/2	1	1,118	\$2,749	\$2.46

Occupancy 97%
Rent Premiums N
Total Units 102
Unit Size Range 448 - 1180

Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204



Avg. Unit Size	539
Monthly Rent Range	\$1317 - \$2236
Avg. Rent/Unit	\$1,536
Avg. Rent/SF	\$2.85
SF	54,982

Physical Data

No. of Buildings	1
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	3
Utilities with Rent	Electricity, Water, Cable, Sewer, Trash Collection, Flat Fee
Parking	L/50
Year Built	1940/2010
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Dishwasher, Microwave, Washer, Dryer, Carpet, Wood, Blinds, Clubhouse, Swimming Pool, Exercise Room, Courtyard, Lounge, Picnic Area, Sundeck, On-Site Management, On-Site Maintenance, Intercom Entry, Stainless Steel Appliances, Granite Countertops, Intercom Entry

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate is approximately 33 percent. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 10



Property Identification

Record ID 35817
Property Type Walk-Up
Property Name Columbia Crossing Apartments
Address 1957 Columbia Pike, Arlington, Arlington County, Virginia 22204
Market Type Market

Verification Gus; 833-439-3608, June 19, 2024

<u>Unit Type</u>	<u>Unit Mix</u>			<u>Mo. Rent/SF</u>
	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	
1/1	28	760	\$2,038	\$2.68
1/1		760	\$2,066	\$2.72
1/1	28	806	\$2,391	\$2.97
1/1		806	\$2,492	\$3.09
1/1	39	859	\$2,067	\$2.41
1/1	8	862	\$2,203	\$2.56
2/1	13	960	\$1,003	\$1.04
2/1		960	\$1,134	\$1.18
2/1	19	1,003	\$2,070	\$2.06
2/2	4	985	-	-
2/2	48	1,081	\$2,761	\$2.55
2/2	48	1,134	\$2,930	\$2.58
3/2	12	1,261	\$3,168	\$2.51

Occupancy 97%
Rent Premiums N
Total Units 247
Unit Size Range 760 - 1,261

Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204



Avg. Unit Size	976
Avg. Rent/Unit	\$2,372
Avg. Rent/SF	\$2.43
SF	241,174

Physical Data

No. of Buildings	6
Construction Type	Brick/Siding
HVAC	Central Gas/Central Elec
Stories	4
Utilities with Rent	Water, Sewer, Trash Collection
Parking	L/O, G/65-100
Year Built	1991/2021
Condition	Average
Gas Utilities	Heating, Hot Water, Cooking
Electric Utilities	Cooling, Other Elec

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Washer, Dryer, Carpet, Vinyl, Blinds, Balcony, Patio, Clubhouse, Swimming Pool, Exercise Room, Picnic Area, Business Center, Package Receiving

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The property accepts Housing Choice Voucher; However, the contact was unable to report usage. The property is currently undergoing renovations.



Multi-Family Lease No. 11



Property Identification

Record ID 32651
Property Type Elevator
Property Name Thomas Court
Address 470 North Thomas Court, Arlington, Arlington County, Virginia
 22203
Market Type Market

Verification Jessica; 855-674-7939, June 19, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1	6	802	\$2,025	\$2.52
1/2	21	946	\$2,575	\$2.72
2/1	10	946	\$2,615	\$2.76
2/2	1	1,063	\$2,825	\$2.66
3/3	1	1,433	\$3,435	\$2.40
3/3	10	1,612	\$3,855	\$2.39

Occupancy 100%
Rent Premiums N
Total Units 49
Unit Size Range 802 - 1,612
Avg. Unit Size 1077



Monthly Rent Range	\$2,025 - \$3,855
Avg. Rent/Unit	\$2,800
Avg. Rent/SF	\$2.60
SF	52,754

Physical Data

No. of Buildings	1
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	4
Utilities with Rent	Trash Collection
Parking	L/O, G/100-150
Year Built	2012
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Washer (Select), Dryer (Select), Washer/Dryer Hook-Ups, Carpet, Wood Composite, Ceramic Tile, Blinds, Walk-In Closet, Coat Closet, Balcony (Select), Game Room, Clubhouse, Exercise Room, Picnic Area, Basketball Court, Business Center, Extra Storage, Intercom Entry, Courtyard, Walking Trail, Lounge, Bike Storage

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 12



Property Identification

Record ID 35810
Property Type Walk-Up
Property Name Columbia Park
Address 942 South Wakefield Street, Arlington, Arlington County, Virginia
 22204
Market Type Market
Verification Judith; 703-979-0074, June 19, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
Efficiency	2	700	\$1,815	\$2.59
1/1	35	715	\$1,815	\$2.54
1/1	4	975	\$1,765	\$1.81
2/1	1	985	\$2,195	\$2.23
2/2	133	975	\$1,995	\$2.05
3/3	3	1,100	\$2,695	\$2.45

Occupancy 99%
Rent Premiums N
Total Units 178
Unit Size Range 700 - 1,100
Avg. Unit Size 923
Monthly Rent Range \$1,765 - \$2,695
Avg. Rent/Unit \$1,965



Avg. Rent/SF	\$2.13
SF	164,285

Physical Data

No. of Buildings	6
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	4
Utilities with Rent	Electricity, Water, Sewer, Trash Collection
Parking	L/O
Year Built	1962/2019
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Carpet, Vinyl, Ceramic Tile, Blinds, Balcony, Patio, Extra Storage (\$35-49), Laundry Facility, On-Site Management, On-Site Maintenance, Intercom Entry, Security Patrol, Video Surveillance

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover is approximately 25 percent. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 13



Property Identification

Record ID 17341
Property Type Walk-Up
Property Name Oakland Apartments
Address 3710 Columbia Pike, Arlington, Arlington County, Virginia 22204
Market Type Market

Verification Joseline; 703-574-3785, June 19, 2024

<u>Unit Type</u>	<u>Unit Mix</u>			<u>Mo. Rent/SF</u>
	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	
Efficiency	44	400	\$1,300	\$3.25
Efficiency		400	\$1,375	\$3.44
1/1	79	600	\$1,490	\$2.48
1/1		600	\$1,580	\$2.63
2/1	80	820	\$1,885	\$2.30
2/1		820	\$1,940	\$2.37
3/1	42	1,200	\$2,235	\$1.86
3/1		1,200	\$2,300	\$1.92

Occupancy 100%
Rent Premiums N
Total Units 245
Unit Size Range 400 - 1,200
Avg. Unit Size 739
Monthly Rent Range \$1,300 - \$2,300
Avg. Rent/Unit \$1,713
Avg. Rent/SF \$2.32

SF 181,000



Physical Data

No. of Buildings	8
Construction Type	Brick
HVAC	Central Gas/Window Elec
Stories	3
Utilities with Rent	Water, Gas, Sewer, Trash Collection
Parking	L/O
Year Built	1956/2005
Condition	Average
Gas Utilities	Heating, Cooking, Hot Water
Electric Utilities	Cooling, Other Elec

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Carpet, Vinyl, Ceramic Tile, Blinds, Ceiling Fans, Walk-In Closet, Coat Closet, Exercise Room, Playground, Extra Storage, Laundry Facility, On-Site Management, On-Site Maintenance, Bike Racks

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The property accepts Housing Choice Voucher; However, the contact was unable to report usage.



Multi-Family Lease No. 14



Property Identification

Record ID 35820
Property Type Walk-Up
Property Name Haven Columbia Pike
Address 5100 7th Road South, Arlington, Arlington County, Virginia
 22204
Market Type Market
Verification Management; 703-671-1836, June 19, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1	31	592	\$1,790	\$3.02
2/1	80	711	\$2,210	\$3.11
3/2	7	982	\$3,015	\$3.07

Occupancy 98%
Rent Premiums N
Total Units 118
Unit Size Range 592 - 982
Avg. Unit Size 696
Monthly Rent Range \$1,790 - \$3,015
Avg. Rent/Unit \$2,147
Avg. Rent/SF \$3.09

SF 82,106



Physical Data

No. of Buildings	6
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	3
Utilities with Rent	Water, Sewer, Trash Collection
Parking	L/O
Year Built	1950/2006
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Washer, Dryer, Carpet, Vinyl, Blinds, Package Receiving, On-Site Management, On-Site Maintenance, Stainless Steel Appliances (Select)

Remarks

The contact indicated this property is designated for families. The property does not maintain a waiting list, and the annual turnover rate was not disclosed. The units are updated as needed. The property is currently 96 percent occupied; however, it is 98 percent preleased. Therefore, the effective occupancy rate was utilized. The property accepts Housing Choice Vouchers and approximately five percent of tenants are currently utilizing a voucher.



Multi-Family Lease No. 15



Property Identification

Record ID 35881
Property Type Walk-Up
Property Name Monterey Apartments
Address 813 South Greenbrier Street, Arlington, Arlington County, Virginia 22204
Market Type LIHTC
Verification Ariannah; 703-379-6656, June 27, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1 (50%)	37	630	\$1,399	\$2.22
1/1 (60%)		630	\$1,689	\$2.68
2/1 (50%)	40	959	\$1,677	\$1.75
2/1 (60%)		959	\$2,025	\$2.11
3/2 (50%)	32	1,086	\$1,935	\$1.78
3/2 (60%)		1,086	\$2,377	\$2.19

Occupancy 100%
Rent Premiums Y
Total Units 109
Unit Size Range 630 - 1,086
Avg. Unit Size 885
Monthly Rent Range \$1,399 - \$2,377
Avg. Rent/Unit \$1,658
Avg. Rent/SF \$1.87

SF 96,422



Physical Data

No. of Buildings	6
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	4
Utilities with Rent	Water, Sewer, Trash Collection
Parking	L/O
Year Built	1948
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Carpet, Vinyl, Blinds, Ceiling Fans, Walk-In Closet, Coat closet, Balcony, Swimming Pool, Picnic Area, Playground, Basketball Court, Business Center, Laundry Facility, On-Site Management, On-Site Maintenance, Package Receiving, Intercom Entry

Remarks

The contact indicated this property maintains a waiting list of 25 people. The contact reported annual turnover at the property is approximately three percent. This property is designated for families for 50 and 60 percent of the area median income. The property accepts Housing Choice Vouchers; However, the contact was unable to report usage.



Multi-Family Lease No. 16



Property Identification

Record ID 35877
Property Type Walk-Up
Property Name The Fields of Arlington
Address 5100 8th Road, Arlington, Arlington County, Virginia 22204
Market Type LIHTC

Verification Lonnie; 866-203-7285, June 27, 2024

<u>Unit Type</u>	<u>Unit Mix</u>			<u>Mo. Rent/SF</u>
	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	
Efficiency (50%)		473	\$1,363	\$2.88
Efficiency (60%)		473	\$1,624	\$3.43
Efficiency (50%)		483	\$1,363	\$2.82
Efficiency (60%)		483	\$1,624	\$3.36
1/1 (50%)		715	\$1,450	\$2.03
1/1 (60%)		715	\$1,742	\$2.44
1/1 (50%)		721	\$1,450	\$2.01
1/1 (60%)		721	\$1,742	\$2.42
1/1 (50%)		791	\$1,450	\$1.83
1/1 (60%)		791	\$1,742	\$2.20
2/1 (50%)		820	\$1,450	\$1.77
2/1 (60%)		820	\$1,742	\$2.12
2/1 (50%)		968	\$1,741	\$1.80
2/1 (60%)		968	\$2,089	\$2.16
2/1 (50%)		982	\$1,741	\$1.77
2/1 (60%)		982	\$2,089	\$2.13
2/1 (50%)		1,002	\$1,741	\$1.74
2/1 (60%)		1,002	\$2,089	\$2.08



2/1 (50%)	1,051	\$1,741	\$1.66
2/1 (60%)	1,051	\$2,089	\$1.99
3/2 (50%)	1,122	\$2,011	\$1.79
3/2 (60%)	1,122	\$2,413	\$2.15

Occupancy	98%
Rent Premiums	N
Total Units	198
Unit Size Range	473 - 1,122
Monthly Rent Range	\$1,363 - \$2,413

Physical Data

No. of Buildings	3
Construction Type	Brick
HVAC	Central Gas/Central Elec
Stories	4
Utilities with Rent	Water, Gas, Sewer, Trash Collection
Parking	L/O
Year Built	1960/2000
Condition	Average
Gas Utilities	Heating, Cooking, Hot Water
Electric Utilities	Cooling, Other Elec

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Carpet, Vinyl, Blinds, Ceiling Fans, Walk-In Closet, Balcony (Select), Swimming Pool, Picnic Area, Playground, Package Receiving, Laundry Facility, On-Site Management, On-Site Maintenance, Intercom Entry, Stainless Steel Appliance (Select)

Remarks

The contact indicated this property is designated for families for the 50 and 60 percent of the area median income. The contact was unable to report annual turnover data. The contact indicated this property maintains a waiting list of 25 people. The property accepts Housing Choice Vouchers; However, the contact was unable to report usage. Additionally, all utilities are included in rent.



Multi-Family Lease No. 17



Property Identification

Record ID 37921
Property Type Walk-Up
Property Name Arlington View Terrace
Address 1327-1429 South Rolfe Street, Arlington, Arlington County, Virginia 22204
Market Type LIHTC
Verification Ryan; 703-521-4010, June 27, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1 (30%)	10	575	\$757	\$1.32
1/1 (50%)		575	\$1,338	\$2.33
1/1 (60%)		575	\$1,267	\$2.20
2/1 (30%)	37	775	\$899	\$1.16
2/1 (50%)		775	\$1,596	\$2.06
2/1 (60%)		775	\$1,940	\$2.50

Occupancy 100%
Rent Premiums N
Total Units 47
Unit Size Range 575 - 775
Avg. Unit Size 732
Monthly Rent Range \$757 - \$1,940
Avg. Rent/Unit \$869
Avg. Rent/SF \$1.19



SF 34,425

Physical Data

Construction Type Brick
HVAC Central Elec/Central Elec
Stories 3
Utilities with Rent Water, Sewer, Trash Collection
Parking L/O
Year Built 1960
Condition Average
Gas Utilities None
Electric Utilities All

Amenities

Refrigerator, Range/Oven, Carpet, Wood, Blinds, Ceiling Fans, Playground, Laundry Facility, On-Site Management, On-Site Maintenance

Remarks

The contact indicated this property is designated for families with 30, 50, and 60 percent area median income. The contact was unable to report annual turnover date. The contact indicated this property maintains a waiting list of over two years. The property accepts Housing Choice Vouchers; However, the contact was unable to report usage.



Multi-Family Lease No. 18



Property Identification

Record ID 47782
Property Type Elevator
Property Name The Terraces at Arlington
Address , Arlington County, Virginia 22204
Market Type LIHTC

Verification Ryan; 703-521-4010, June 27, 2024

Unit Type	Unit Mix			Mo. Rent/SF
	No. of Units	Size SF	Rent/Mo.	
Efficiency (30%)		501	\$715	\$1.43
1/1 (30%)		720	\$757	\$1.05
1/1 (50%)		720	\$1,337	\$1.86
1/1 (60%)		720	\$1,627	\$2.26
2/1 (30%)		898	\$899	\$1.00
2/1 (50%)		898	\$1,596	\$1.78
2/1 (60%)		898	\$1,940	\$2.16
3/2 (30%)		1,187	\$1,025	\$0.86
3/2 (50%)		1,187	\$1,830	\$1.54
3/2 (60%)		1,187	\$2,235	\$1.88

Occupancy 100%
Rent Premiums n
Total Units 77
Unit Size Range 501 - 1,187
Monthly Rent Range \$715 - \$2,235



Physical Data

No. of Buildings	1
HVAC	Central Elec/Central Elec
Stories	4
Utilities with Rent	Electricity, Water, Sewer, Trash Collection
Parking	L/O
Year Built	2023
Condition	Good
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Dishwasher, Carpet, Vinyl, Blinds, Walk-In Closet, Clubhouse, Exercise Room, Picnic Area, Playground, Laundry Facility, On-Site Management, On-Site Maintenance, Package Receiving

Remarks

The contact indicated the complex was fully leased before construction was completed. Tenants were pulled from the waiting list of the sister property, Arlington View Terrace West, which is located adjacent north. This property is designated for families for the 30, 50, and 60 percent area median income. It should be noted all utilities are included in rent and the rates are at max rent. The contact was unable to report annual turnover data. The contact indicated this property maintains a waiting list of unknown length. The property accepts Housing Choice Vouchers; However, the contact was unable to report usage.



Multi-Family Lease No. 19



Property Identification

Record ID 37956
Property Type Elevator
Property Name Woodbury Park
Address 2399 11th Street North, Arlington, Arlington County, Virginia 22201
Market Type LIHTC
Verification Katia; 703-528-3625, June 27, 2024

	<u>Unit Mix</u>			
<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1 (60%)	120	512	\$1,526	\$2.98
1/1 (60%)		627	\$1,526	\$2.43
2/1 (60%)	84	715	\$1,806	\$2.53
2/1 (60%)		863	\$1,806	\$2.09
Occupancy	98%			
Rent Premiums	N			
Total Units	204			
Unit Size Range	512 - 863			
Avg. Unit Size	596			
Monthly Rent Range	\$1,526 - \$1,806			
Avg. Rent/Unit	\$1,641			
Avg. Rent/SF	\$2.76			
SF	121,500			



Physical Data

No. of Buildings	1
Construction Type	Brick
HVAC	Central Elec/Central Elec
Stories	4
Utilities with Rent	Trash Collection
Parking	L/O
Year Built	1949/2016
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Washer, Dryer, Carpet, Wood, Blinds, Walk-In Closet, Coat Closet, Clubhouse, Exercise Room, Business Center, Laundry Facility, On-Site Management, On-Site Maintenance, Limited Access Gate, Courtyard, Bike Storage, Stainless Steel Appliances

Remarks

The contact indicated this property is designated for families with 60 percent of the area median income. The property does not maintain a waiting list. Additionally, this property received renovations in 2016. However, the contact was unable to report the scope of work. The contact was unable to report annual turnover data. The property accepts Housing Choice Vouchers and approximately 15 percent of tenants are currently utilizing a voucher.



Multi-Family Lease No. 20



Property Identification

Record ID 32657
Property Type Walk-Up
Property Name Knightsbridge Apartments
Address 210-212 North Glebe Road, Arlington, Arlington County, Virginia 22203
Market Type Section 8/LIHTC
Verification Sherron; 703-528-7751, June 28, 2024

	<u>Unit Mix</u>			
<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1 (50%)	6	645	\$716	\$1.11
2/1 (50%)	31	749	\$807	\$1.08
Occupancy	100%			
Rent Premiums	N			
Total Units	37			
Unit Size Range	645 - 749			
Avg. Unit Size	732			
Monthly Rent Range	\$716 - \$807			
Avg. Rent/Unit	\$792			
Avg. Rent/SF	\$1.08			
SF	27,089			



Physical Data

No. of Buildings	4
Construction Type	Brick
HVAC	Central Gas/Central Elec
Stories	3
Utilities with Rent	Water, Sewer, Trash Collection
Parking	L/O
Year Built	1947/2021
Condition	Average
Gas Utilities	Cooking, Hot Water
Electric Utilities	Coolin, Other Elec

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Vinyl, Wood, Ceramic Tile, Blinds, Coat Closet, Playground, Laundry Facility, On-Site Management, On-Site Maintenance, Video Surveillance, Courtyard

Remarks

The contact indicated this property is for families at 50 percent of the area median income. The wait list has 250 applicants on it and has an average annual turnover rate of less than one percent. The property accepts Housing Choice Vouchers; However, the contact was unable to report usage.



Multi-Family Lease No. 21



Property Identification

Record ID 35865
Property Type Walk-Up
Property Name Buchanan Gardens
Address 926 South Buchanan Street, Arlington, Arlington County, Virginia
 22204
Market Type LIHTC
Verification Alexa; 571-526-0571, June 28, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1 (60%)	60	480	\$1,651	\$3.44
2/1 (60%)	2	678	\$1,978	\$2.92
2/2 (60%)	34	799	\$1,978	\$2.48
3/2 (60%)	15	1,065	\$2,280	\$2.14

Occupancy 100%
Rent Premiums N
Total Units 111
Unit Size Range 480 - 1,065
Avg. Unit Size 660
Monthly Rent Range \$1,651 - \$2,280
Avg. Rent/Unit \$1,842
Avg. Rent/SF \$2.79
SF 73,297



Physical Data

No. of Buildings	11
Construction Type	Brick
HVAC	Central Gas/Central Elec
Stories	2
Utilities with Rent	Water, Sewer, Trash Collection
Parking	L/O
Year Built	1949/2012
Condition	Average
Gas Utilities	Heating, Cooking, Hot Water
Electric Utilities	Cooling, Other Elec

Amenities

Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Carpet, Vinyl, Blinds, Ceiling Fans, Meeting Room, Playground, Laundry Facility, On-Site Management, On-Site Maintenance, Intercom Entry

Remarks

The contact indicated this property is for families at 60 percent of the area median income. The wait list has 250 applicants on it and has an average annual turnover rate of approximately three percent. The property accepts Housing Choice Vouchers; However, the contact was unable to report usage.



Multi-Family Lease No. 8



Property Identification

Record ID 35867
Property Type Walk-Up
Property Name Columbia Grove Apartments
Address 1010 South Frederick Street, Arlington, Arlington County, Virginia 22204
Market Type LIHTC
Verification Jessica; 571-554-2089, June 28, 2024

Unit Mix

<u>Unit Type</u>	<u>No. of Units</u>	<u>Size SF</u>	<u>Rent/Mo.</u>	<u>Mo. Rent/SF</u>
1/1 (50%)	100	670	\$1,689	\$2.52
2/1 (50%)	108	850	\$1,774	\$2.09

Occupancy 100%
Rent Premiums N
Total Units 208
Unit Size Range 670 - 850
Avg. Unit Size 763
Monthly Rent Range \$1,689 - \$1,774
Avg. Rent/Unit \$1,733
Avg. Rent/SF \$2.27

SF 158,800

Physical Data

No. of Buildings 14
Construction Type Brick
HVAC PTAC Elec/PTAC Elec

Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204



Stories	4
Utilities with Rent	Water, Sewer, Trash Collection
Parking	L/0
Year Built	1954
Condition	Average
Gas Utilities	None
Electric Utilities	All

Amenities

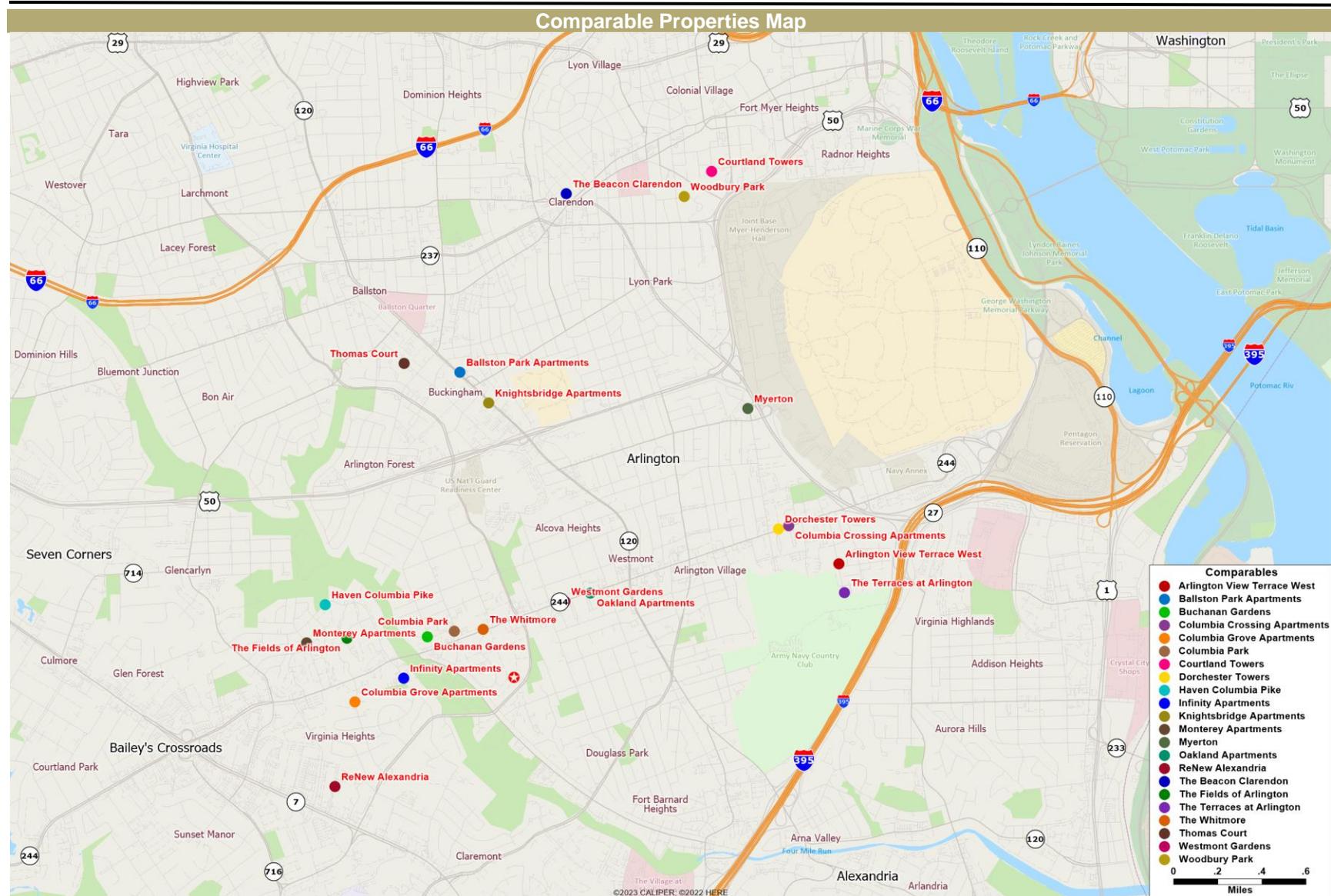
Refrigerator, Range/Oven, Garbage Disposal, Dishwasher, Microwave, Carpet, Vinyl, Blinds, Ceiling Fans, Meeting Room, Picnic Area, Playground, Business Center, On-Site Management, On-Site Maintenance, Intercom Entry, Bike Storage

Remarks

This complex is designated for families at 50 percent of the area median income. The wait list has over 100 applicants on it and has an average annual turnover rate of approximately three percent. The property accepts Housing Choice Vouchers; However, the contact was unable to report usage.



Barcroft Apartments - Bravo I (Buildings 12 –16)
1226 South Thomas Street
Arlington, Virginia 22204





Additional Developments

The market area also includes additional developments that were excluded from the analysis due to non-competitiveness or inability to verify information. The developments located in the market area that were excluded from the survey are noted in the following table:

EXCLUDED PROPERTIES IN PMA			
Property Name	Type	Tenancy	Reason for Exclusion
Arbor Heights	LIHTC	Family	Inferior condition
Ballston Park	LIHTC	Family	Unable to contact
Clerndon Court Apartments	LIHTC	Family	Inferior condition
Fort Henry Garden Apartments	LIHTC	Family	Design
Gates of Ballston	LIHTC	Family	Unable to contact
Gilliam Place Apartments	LIHTC	Family	Design
Grandview Apartments	LIHTC	Family	Unable to contact
Harvey Hall Apartments	LIHTC	Family	Inferior condition
Monterey Apartments	LIHTC	Family	Unable to contact
St. James Plaza	LIHTC	Family	More proximate properties
The Jordan	LIHTC	Family	Design
The Macedonia	LIHTC	Family	Unable to contact
The Madison at Ballston Station	LIHTC	Family	Design
The Shell	LIHTC	Family	Design
The Shelton	LIHTC	Family	Design
The Springs	LIHTC	Family	Design
Whitefield Commons Apartments	LIHTC	Family	Unable to contact
The Carlin Apartments	LIHTC	Senior	Senior tenancy
Woodland Hill	LIHTC/Section 8	Family	Unable to contact
The Terraces at Arlington View Apartments	Section 8	Family	Subsidized rents
Cleveland Chesire Home	Section 8	Senior	Senior tenancy
Culpepper Garden II and III	Section 8	Senior	Senior tenancy
Nelson Chesire Home	Section 8	Senior	Senior tenancy
South Seventh Street Group Home	Section 8	Senior	Senior tenancy



Market Rent Analysis

The market analyst researched rental housing in the market area and identified several apartment communities in and around the market area of the subject. The analyst identified the market-rate communities in the area that would directly compete with the subject. These comparables were then compared to the subject and adjusted for differences in amenities. These differences include, but are not limited to, location, structure, condition, unit size, number of bedrooms, number of baths, unit amenities (range/oven, refrigerator, microwave, dishwasher, etc.), project amenities (parking, storage, clubhouse, meeting room, pool, recreation area, etc.) and utilities provided. The adjustments made were based on the experience of the analyst, interviews with local officials, apartment managers and residents and information received from third-party sources (rent-to-own facilities, utility providers and housing authorities.) Additional adjustments were also determined using paired rental analysis. The paired rental analysis ranges are determined by comparing comparables with different numbers of bedrooms and factoring out any other differences (amenities, utilities provided, etc.) The resulting difference is assumed to be attributable to the differing number of bedrooms. The results are grouped together in a range. The adjustment is selected based on where the majority of the results fall within the range. If there is no majority, a conservative adjustment at the low end of the range is selected.



HUD-Forms 92273 – As Complete

One-Bedroom Units (588 SF) – As Stabilized
Estimates of Market Rent
by Comparison - As Complete

U.S. Department of Housing and Urban Development
 Office of Housing
 Federal Housing Commissioner

OMB Approval No. 2502-0029
 (exp. 04/30/2020)

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required by the Housing Appropriation Act of 9/28/1994. The information is needed to analyze the reasonableness of the Annual Adjustment Factor formula, and will be used where rent levels for a specific unit type, in a Substantial Rehabilitation or New Construction Contract, exceed the existing FMR rent. The information is considered non-sensitive and does not require special protection. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

1. Unit Type	2. Subject Property (Address) Data	A. Comparable Property No. 1 (address) Data	B. Comparable Property No. 2 (address) Data	C. Comparable Property No. 3 (address) Data	D. Comparable Property No. 6 (address) Data	E. Comparable Property No. 7 (address) Data	
One-Bedroom	Barcroft Apartments - Bravo I (Buildings 12-16) 1226 South Thomas Street Arlington, Arlington, VA	Sheffield Court Apartments 701 North Wayne Street Arlington, Arlington, VA	Park Georgetown 2100 North Pierce Street Arlington, Arlington, VA	Ballston Park Apartments 351 North Glebe Road Arlington, Arlington, VA	Westmont Gardens 3860 Columbia Pike Arlington, Arlington, VA	Myerton Apartments 108 South Court House Road Arlington, Arlington, VA	
3. Effective Date of Rental	06/2024	06/2024	06/2024	06/2024	06/2024	06/2024	
4. Type of Project/Stories	WU/3	WU/3	WU/3, 4	WU/2	WU/3	WU/3	
5. Floor of Unit in Building	Varies	Varies	Varies	Varies	Varies	Varies	
6. Project Occupancy %	8%	98%	99%	98%	99%	97%	
7. Concessions	N	N	N	N	N	N	
8. Year Built	1939/2026	1986/2019	1953/2000	1930/2015	1960/1990	1940/2010	
9. Sq. Ft. Area	588	693	648	671	720	635	
10. Number of Bedrooms	1	1	2	1	1	1	
11. Number of Baths	10	10	10	10	10	10	
12. Number of Rooms	3	3	3	1	3	3	
13. Balc./Terrace/Patio	N	N	Y	Y	N	Y	
14. Garage or Carport	L/0	L/75, G/150	L/0	L/0	L/0	L/50	
15. Equipment a. A/C	C	C	C	C	C	C	
b. Range/Refrigerator	RF	RF	RF	RF	RF	RF	
c. Disposal	Y	N	Y	N	Y	N	
d. Microwave/Dishwasher	MD	MD	MD	MD	D	MD	
e. Washer/Dryer	WD	WD	L	HU	L	WD	
f. Carpet	W	W	C	C	C	W	
g. Drapes	B	B	B	B	B	B	
h. Pool/Rec. Area	N	PER	ER	PER	PER	PER	
16. Services a. Heat/Type	Y/E	N/E	\$29	N/E	\$29	Y/G	
b. Cooling	Y/E	N/E	\$8	N/E	\$8	Y/E	
c. Cook/Type	Y/E	N/E	\$7	N/G	\$7	Y/G	
d. Electricity	Y	N	\$30	N	\$30	Y	
e. Hot Water	Y/E	N/E	\$15	N/E	\$15	Y/G	
f. Cold Water/Sewer	Y	N	\$44	N	\$44	Y	
g. Trash	Y	N	\$26	N	\$26	Y/\$	
17. Storage	Y/25	N		Y/25-50	Y/20	Y/0	
18. Project Location	Average	Similar		Similar	Similar	Similar	
19. Security	N	Y	(\$5)	N	Y	Y	
20. Clubhouse/Meeting Room	N	C	(\$5)	N	C	C	
21. Special Features	N	SS	(\$25)	N	I	SS, GC	
22. Business Center / Nbdh Netwk	N	N		N	N	N	
23. Unit Rent Per Month		\$1895		\$2,647	\$1,760	\$2,276	
24. Total Adjustment			(\$16)		\$144		
25. Indicated Rent		\$1779		\$2,251	\$1,904	\$2,099	
26. Correlated Subject Rent	\$1,935	If there are any Remarks, check here and add the remarks to the back of page.					
	high rent	\$2,251	low rent	\$1,765	60% range	\$1,862	
					to	\$2,154	
					Date (mm/dd/yy)	06/20/24	
					Reviewer's Signature		
					Date (mm/dd/yyyy)	06/20/24	

Note: In the adjustments column, enter dollar amounts by which subject property varies from comparable properties. If subject is better, enter a "Plus" amount and if subject is inferior to the comparable, enter a "Minus" amount. Use back of page to explain adjustments as needed.

IN PROGRESS

Previous editions are obsolete

form HUD-92273 (07/2003)

Barcroft Apartments - Bravo I (Buildings 12 -16)
 1226 South Thomas Street
 Arlington, Virginia 22204



Two-Bedroom Units (738 SF) – As Stabilized
Estimates of Market Rent
by Comparison - As Complete

U.S. Department of Housing and Urban Development
 Office of Housing
 Federal Housing Commissioner

OMB Approval No. 2502-0029
 (exp. 04/30/2020)

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required by the Housing Appropriation Act of 9/28/1994. The information is needed to analyze the reasonableness of the Annual Adjustment Factor formula, and will be used where rent levels for a specific unit type, in a Substantial Rehabilitation or New Construction Contract, exceed the existing FMR rent. The information is considered non-sensitive and does not require special protection. This agency may collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

1. Unit Type	2. Subject Property (Address)		A. Comparable Property No. 1 (address)		B. Comparable Property No. 2 (address)		C. Comparable Property No. 3 (address)		D. Comparable Property No. 6 (address)		E. Comparable Property No. 7 (address)	
Two-Bedroom	Barcroft Apartments - Bravo I (Buildings 12-16) 1226 South Thomas Street Arlington, Arlington, VA		Sheffield Court Apartments 701 North Wayne Street Arlington, Arlington, VA		Park Georgetown 2100 North Pierce Street Arlington, Arlington, VA		Ballston Park Apartments 351 North Glebe Road Arlington, Arlington, VA		Westmont Gardens 3860 Columbia Pike Arlington, Arlington, VA		Myerton Apartments 108 South Court House Road Arlington, Arlington, VA	
Characteristics	Data		Data	Adjustments	Data	Adjustments	Data	Adjustments	Data	Adjustments	Data	Adjustments
3. Effective Date of Rental	06/2024		06/2024		06/2024		06/2024		06/2024		06/2024	
4. Type of Project/Stories	WU/3		WU/3		WU/3, 4		WU/2		WU/3		WU/3	
5. Floor of Unit in Building	Varies		Varies		Varies		Varies		Varies		Varies	
6. Project Occupancy %	87%		98%		99%		98%		99%		97%	
7. Concessions	N		N		N		N		N		N	
8. Year Built	1939/2026		1986/2019	(\$200)	1953/2000	(\$200)	1930/2015	\$100	1960/1990	\$100	1940/2010	(\$200)
9. Sq. Ft. Area	738		867	(\$105)	766	(\$25)	862	(\$100)	950	(\$170)	786	(\$40)
10. Number of Bedrooms	2		2		2		2		2		2	
11. Number of Baths	10		10		10		10		10		10	
12. Number of Rooms	4		4		4		2		4		4	
13. Balc./Terrace/Patio	N		N		Y	(\$10)	Y	(\$10)	N		Y	(\$10)
14. Garage or Carport	L/0		L/75, G/150	\$50	L/0		L/0		L/0		L/50	\$50
15. Equipment a. A/C	C		C		C		C		C		C	
b. Range/Refrigerator	RF		RF		RF		RF		RF		RF	
c. Disposal	Y		N		Y		N		Y		N	
d. Microwave/Dishwasher	MD		MD		MD		MD		D	\$5	MD	
e. Washer/Dryer	WD		WD		L	\$55	HU	\$15	L	\$55	WD	
f. Carpet	W		W		C		C		C		W	
g. Drapes	B		B		B		B		B		B	
h. Pool/Rec. Area	N		PER	(\$20)	ER	(\$10)	PER	(\$40)	PER	(\$20)	PER	(\$35)
16. Services a. Heat/Type	Y/E		N/E	\$32	N/E	\$32	N/E	\$32	Y/G		N/E	\$32
b. Cooling	Y/E		N/E	\$13	N/E	\$13	N/E	\$13	Y/E		N/E	\$13
c. Cook/Type	Y/E		N/E	\$8	N/E	\$8	N/G	\$8	Y/G		N/E	\$8
d. Electricity	Y		N	\$40	N	\$40	N	\$40	Y		N	\$40
e. Hot Water	Y/E		N/E	\$23	N/E	\$23	N/E	\$23	Y/G		N/E	\$23
f. Cold Water/Sewer	Y		N	\$64	N	\$64	N	\$64	Y		N	\$64
g. Trash	Y		N	\$26	N	\$26	N	\$26	Y		Y/\$	\$7
17. Storage	Y/25		N		Y/25-50		Y/20		Y/0	(\$25)	N	
18. Project Location	Average		Similar		Similar		Similar		Similar		Similar	
19. Security	N		Y	(\$5)	N		Y	(\$10)	N		Y	(\$10)
20. Clubhouse/Meeting Room	N		C	(\$5)	N		C	(\$5)	N		C	(\$5)
21. Special Features	N		SS	(\$25)	N		I	(\$10)	N		SS, GC	(\$50)
22. Business Center / Nbdh Netwk	N		N		N		N		N		N	
23. Unit Rent Per Month			\$2,871		\$2,974		\$2,475		\$2,150		\$2,534	
24. Total Adjustment				(\$104)		\$16		\$146		(\$55)		(\$113)
25. Indicated Rent			\$2,767		\$2,990		\$2,621		\$2,095		\$2,421	
26. Correlated Subject Rent	\$2,550											
	high rent		\$2,990	low rent	\$2,095	60% range	\$2,274 to \$2,811					
Note: In the adjustments column, enter dollar amounts by which subject property varies from comparable properties. If subject is better, enter a "Plus" amount and if subject is inferior to the comparable, enter a "Minus" amount. Use back of page to explain adjustments as needed.												
Appraiser: IN PROGRESS Date (mm/dd/yy) 06/20/24										Reviewer's Signature: _____ Date (mm/dd/yyyy) 06/20/24		

Previous editions are obsolete

form HUD-92273 (07/2003)



Three-Bedroom Units (744 SF) – As Complete
Estimates of Market Rent
by Comparison - As Complete

U.S. Department of Housing and Urban Development
 Office of Housing
 Federal Housing Commissioner

OMB Approval No. 2502-0029
 (exp. 04/30/2020)

Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required by the Housing Appropriation Act of 9/28/1994. The information is needed to analyze the reasonableness of the Annual Adjustment Factor or formula, and will be used where rent levels for a specific unit type, in a Substantial Rehabilitation or New Construction Contract, exceed the existing FMR rent. The information is considered non-sensitive and does not require special protection. This agency may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

1. Unit Type	2. Subject Property (Address)	A. Comparable Property No. 3 (address)		B. Comparable Property No. 4 (address)		C. Comparable Property No. 5 (address)		D. Comparable Property No. 6 (address)		E. Comparable Property No. 7 (address)	
Three-Bedroom	Barcroft Apartments - Bravo I (Buildings 12-16) 1226 South Thomas Street Arlington, Arlington, VA	Ballston Park Apartments 351 North Glebe Road Arlington, Arlington, VA		Dorchester Towers 2001 Columbia Pike Arlington, Arlington, VA		Infinity Apartments 955 South Columbus Street Arlington, Arlington, VA		Westmont Gardens 3860 Columbia Pike Arlington, Arlington, VA		Myerton Apartments 108 South Court House Road Arlington, Arlington, VA	
Characteristics	Data	Data	Adjustments	Data	Adjustments	Data	Adjustments	Data	Adjustments	Data	Adjustments
3. Effective Date of Rental	06/2024	06/2024		06/2024		06/2024		06/2024		06/2024	
4. Type of Project/Stories	WU/3	WU/2		E/7	(\$ 10)	E/5	(\$ 10)	WU/3		WU/3	
5. Floor of Unit in Building	Varies	Varies		Varies		Varies		Varies		Varies	
6. Project Occupancy %	81%	98%		99%		94%		99%		97%	
7. Concessions	N	N		N		N		N		N	
8. Year Built	1939/2026	1930/2015	\$ 100	1961/2023	\$ 100	1959/2011	\$ 100	1960/1990	\$ 100	1940/2010	(\$ 200)
9. Sq. Ft. Area	744	1300	(\$ 305)	1440	(\$ 385)	1383	(\$ 350)	1200	(\$ 250)	1,118	(\$ 205)
10. Number of Bedrooms	3	3		3		3		3		3	
11. Number of Baths	10	10		2.0	(\$ 150)	2.0	(\$ 150)	2.0	(\$ 150)	2.0	(\$ 150)
12. Number of Rooms	5	5		5		5		5		5	
13. Balc./Terrace/Patio	N	Y	(\$ 10)	Y	(\$ 10)	N		N		Y	(\$ 10)
14. Garage or Carport	L/0	L/0		L/0		L/0, CP/99		L/0		L/50	\$ 50
15. Equipment a. A/C	C	C		C		PTAC	\$ 15	C		C	
b. Range/Refrigerator	RF	RF		RF		RF		RF		RF	
c. Disposal	Y	N		Y		Y		Y		N	
d. Microwave/Dishwasher	MD	MD		MD		MD		D	\$ 5	MD	
e. Washer/Dryer	WD	HU	\$ 15	L	\$ 55	WD		L	\$ 55	WD	
f. Carpet	W	C		C		C		C		W	
g. Drapes	B	B		B		B		B		B	
h. Pool/Rec. Area	N	PER	(\$ 40)	PR	(\$ 30)	PE	(\$ 15)	PER	(\$ 20)	PER	(\$ 35)
16. Services a. Heat/Type	Y/E	N/E	\$ 34	Y/G		N/E	\$ 34	Y/G		N/E	\$ 34
b. Cooling	Y/E	N/E	\$ 18	Y/E		N/E	\$ 18	Y/E		N/E	\$ 18
c. Cook/Type	Y/E	N/G	\$ 8	Y/G		N/E	\$ 10	Y/G		N/E	\$ 10
d. Electricity	Y	N	\$ 50	Y		N	\$ 50	Y		N	\$ 50
e. Hot Water	Y/E	N/E	\$ 31	Y/G		N/E	\$ 31	Y/G		N/E	\$ 31
f. Cold Water/Sewer	Y	N	\$ 93	Y		Y		Y		N	\$ 93
g. Trash	Y	N	\$ 26	Y		Y		Y		Y/\$	\$ 7
17. Storage	Y/25	Y/20		N		N		Y/0	(\$ 25)	N	
18. Project Location	Average	Similar		Similar		Similar		Similar		Similar	
19. Security	N	Y	(\$ 10)	Y	(\$ 15)	Y	(\$ 10)	N		Y	(\$ 10)
20. Clubhouse/Meeting Room	N	C	(\$ 5)	C	(\$ 5)	N		N		C	(\$ 5)
21. Special Features	N	I	(\$ 10)	N		SS, GC	(\$ 50)	N		SS, GC	(\$ 50)
22. Business Center / Nbfd Netwk	N	N		N		BC	(\$ 5)	N		N	
23. Unit Rent Per Month		\$ 2,624		\$ 2,890		\$ 3,066		\$ 2,790		\$ 2,749	
24. Total Adjustment			(\$ 5)		(\$ 450)		(\$ 332)		(\$ 285)		(\$ 372)
25. Indicated Rent		\$ 2,619		\$ 2,440		\$ 2,734		\$ 2,505		\$ 2,377	
26. Correlated Subject Rent	\$ 2,650	If there are any Remarks, check here and add the remarks to the back of page.									
	high rent	\$ 2,734	low rent	\$ 2,377	60% range	\$ 2,448	to	\$ 2,663			
Note: In the adjustments column, enter dollar amounts by which subject property varies from comparable properties. If subject is better, enter a "Plus" amount and if subject is inferior to the comparable, enter a "Minus" amount. Use back of page to explain adjustments as needed.		Appraisal:		IN PROGRESS		Date (mm/dd/yy)		Reviewer's Signature		Date (mm/dd/yyyy)	
						06/20/24				06/20/24	

Previous editions are obsolete

form HUD-92273 (07/2003)



Explanation of Adjustments and Market Rent Conclusions – As Stabilized

Barcroft Apartments - Bravo I (Buildings 12-16)

Primary Unit Types – One-Bedroom Units (588 SF), Two-Bedroom Units (738 SF) and Three-Bedroom Units (744 SF)

Please note: Minor adjustments in the \$5 to \$10 range are based on the appraiser’s evaluation of the overall market as well as typical responses indicated by existing tenants. In addition, this is standard industry practice when there is insufficient market data present to support adjustments. It is also considered an acceptable practice by HUD as indicated in the Section 8 Renewal Guide Chapter 9-12 (C) (3) which states: “For minor adjustments (generally in the \$5 to \$10 range), the appraiser may state his/her subjective evaluation of why the observed differences would affect rent.”

Rent comparability grids were prepared for the primary unit types with 588, 738 and 744 square feet. Comparable apartments used include the following: Sheffield Court Apartments (Comparable 1), Park Georgetown (Comparable 2), Ballston Park Apartments (Comparable 3), Dorchester Towers (Comparable 4), Infinity Apartments (Comparable 5), Westmont Gardens (Comparable 6) and Myerton Apartments (Comparable 7).

Structure/Stories – The subject is located in three-story walk-up buildings. All comparables except Comparables 4 and 5 contain two- to four-story walk-up buildings. Comparables 4 and 5 are located in five- to seven-story elevator buildings. In elevator buildings, the units on all floors are easily accessible without having to utilize stairs. Therefore, it is the appraiser’s opinion that all units in elevator buildings would rent for a premium when compared to units not on the first floor in walk-up buildings. However, there is no market data available for specific floor level pricing. Due to the lack of specific market data for structure differences, only a nominal adjustment of \$10 was selected for comparables located in elevator structures.

Project Occupancy – The subject is currently 81 percent occupied. The occupancy rates of the comparables range from 94 to 99 percent. No adjustment was needed.

Concessions – The subject is not currently offering concessions. None of the comparables are currently offering concessions. No adjustment was needed.

Year Built/Year Renovated – The subject was constructed in 1939. Comparable 1 was built in 1986 and renovated in 2019. Comparable 2 was constructed in 1953 and renovated in 2000. Comparable 3 was built in 1930 and renovated in 2015. Comparable 4 was constructed in 1961. Comparable 5 was constructed in 1959 and renovated in 2011. Comparable 6 was constructed in 1960 and renovated in 1990. Comparable 7 was constructed in 1940 and renovated in 2010. Each comparable has been reasonably well-maintained and has accrued typical depreciation. Most comparables undertake unit upgrades and as tenants vacate the units.

As complete, Comparables 3, 4, 5 and 6 will be inferior to the subject, and Comparables 1, 2 and 7 will be superior. Properties in the City of Arlington were researched to see if renovations warranted an increase in rent. The following table shows properties with their unrenovated rents and the increased post renovated rents:

Property Name/City/State	Unit Type	Pre-Rehab Rent	Post-Rehab Rent	Rent Difference
Dorchester Towers Arlington, VA	0/1	\$1,500	\$1,650	\$150
	1/1	\$1,840	\$1,940	\$100
Park Shirlington Apartments Arlington, VA	1/1	\$1,524	\$1,740	\$216
AVA Ballston Square Arlington, VA	1/1	\$1,907	\$2,002	\$95
	2/2	\$2,696	\$2,781	\$85
Average				\$90



The average difference in the pre-rehab rent and post-rehab rent was \$90. After considering all factors, the rounded \$100 difference was added to their respective “as is” condition/street appeal adjustments. Therefore, Comparables 1, 2 and 7 were adjusted downward \$200 per month, and Comparables 3, 4, 5 and 6 were adjusted upward \$100 per month.

SF Area – The subject and the comparables vary in square footage. Typically, all other variables being equal, a larger unit is more desirable than a smaller unit. However, the value of the additional square footage is mitigated to some degree by the similarity in perceived unit function. There is a diminishing return of value for additional square footage as each additional square foot does not necessarily equal additional functionality. Additionally, the units at the subject are measured as part of the scope of this assignment. However, the contacts at the comparables are often unwilling to allow interior inspections of the units. Therefore, it is necessary to rely on published unit sizes or verbal confirmation of unit sizes from the property contacts. As such, it is impossible to verify the accuracy of this data. In addition, the subject unit sizes are paint-to-paint measurements, while the contacts often report the “marketing” unit size which is sometimes the gross exterior square footage. Therefore, the unit sizes at the comparables are not always a direct comparison to the unit sizes at the subject. For the purpose of this report, a range of comparable rents per square foot was derived. To determine this adjustment, each comparable’s dollar per square foot rental rate was determined for each bedroom type. From these results, a median dollar per square foot rental rate is determined. The median dollar per square foot was then multiplied by 25 percent for each comparable to derive an adjusted dollar per square foot rental rate. The 25 percent was used to account for the diminished return of the larger unit sizes and the potential differences in reported unit sizes of the comparables versus the subject. Next, the difference in square footage between the subject and each comparable is determined. The difference is multiplied by the determined adjusted dollar per square foot rate to arrive at the adjustment for each comparable. The selected dollar per square foot for the one-bedroom comparison is \$0.68, for the two-bedroom comparison is \$0.81 and for the three-bedroom comparison is \$0.55. The result was rounded to the nearest \$5. No adjustments were made to comparables within 25 square feet of the subject because there is no difference in perceived unit function with 25 square feet. The adjustments are reflected on the HUD-Form 92273, which is attached.

of Bedrooms – As complete, the subject will contain one-, two- and three-bedroom units. Due to the lack of conventional one-bedroom units in the area, one two-bedroom apartment was used to compare to the subject’s one-bedroom units. Each comparable with a differing number of bedrooms than the subject was adjusted \$350 per bedroom per month. The majority of the difference in number of bedrooms is accounted for in the unit square footage adjustment. However, an adjustment is made here to consider the added convenience of additional bedrooms. The extra room(s) will enhance marketability of a unit even if the square footage remains the same. The amount selected was chosen after a paired rental analysis was used to determine a range of -\$104 to \$83576, with an average of \$372 per month. The paired rental analysis ranges are determined by comparing bedroom types within the same comparable and factoring out any other differences (amenities, utilities provided, etc.) if necessary. The resulting difference is assumed to be attributable to the differing number of bedrooms. The results are grouped together in a range. The adjustment is selected based on where the majority of the results fall within the range. If there is no majority, a conservative adjustment at the low end of the range is selected. As there was no majority for this paired analysis, a \$350 adjustment was determined for bedroom.



	Comp 1	Comp 2	Comp 3	Comp 5	Comp 6	Comp 7
1 BR Rent	\$1,895	\$2,649	\$1,690	\$1,712	\$1,740	\$1,862
1 BR Size	693	609	626	790	720	448
2 BR Rent	\$2,871	\$2,974	\$2,475	\$2,388	\$2,150	\$2,534
2 BR Size	867	766	862	1,043	950	786
Size Adj Factor	\$0.81	\$0.81	\$0.81	\$0.81	\$0.81	\$0.81
Size Difference	174	157	236	253	230	338
Indicated Size Adj.	\$141	\$127	\$191	\$205	\$186	\$274
Adjusted 2 BR Rent	\$2,730	\$2,847	\$2,284	\$2,183	\$1,964	\$2,260
Indicated BR Adj.	\$835	\$198	\$594	\$471	\$224	\$398

	Comp 3	Comp 4
2 BR Rent	\$2,505	\$2,350
2 BR Size	894	1,116
3 BR Rent	\$2,624	\$2,890
3 BR Size	1,300	1,440
Size Adj Factor	\$0.55	\$0.55
Size Difference	406	324
Indicated Size Adj.	\$223	\$178
Adjusted 3 BR Rent	\$2,401	\$2,712
Indicated BR Adj.	-\$104	\$362

of Baths – The subject contains one bath in all unit types. Each complex with a differing number of baths than the subject was adjusted \$75 per half-bath and \$150 per full bath per month. The majority of the difference in number of baths is accounted for in the unit square footage adjustment. However, an adjustment is made here to consider the added convenience of additional baths. The extra room(s) will enhance the marketability of a unit even if the square footage remains the same. The amount selected was chosen after a paired rental analysis was used to determine a range of \$144 to \$223, as can be seen in the table below.

	Comp 4	Comp 6
Small 2 BR Rent	\$2,175	\$2,150
Small 2 BR Size	1,175	950
Small # of Baths	1.0	1.0
Large 2 BR Rent	\$2,350	\$2,230
Large 2 BR Size	1,116	960
Large # of Baths	2.0	1.5
Size Adj Factor	\$0.81	\$0.81
Size Difference	-59	10
Indicated Size Adj.	-\$48	\$8
Adjusted 2 BR Rent	\$2,398	\$2,222
Difference in # of Baths	1.0	0.5
Indicated Full Bath Adj.	\$223	\$144

The paired rental analysis range is determined by comparing units with differing numbers of baths and factoring out any other differences (amenities, utilities provided, etc.) if necessary. The resulting difference is assumed to be attributable to the differing number of baths. The results are grouped together in a range. The adjustment is selected based on where the majority of the results fall within the range. If there is no majority, a conservative adjustment at the low end of the range is selected. As there was no majority for this paired analysis, a \$75 per half-bath and \$150 per full bath adjustment were selected.



Balcony/Patio – The subject does not contain balconies or patios. Comparables 1, 5 and 6 are similar to the subject. All of the remaining comparables contain these amenities and were adjusted downward \$10 per month. Although there is little market data available concerning units with these features versus those without these features, the added amenity is an enhancement to the unit. Due to insufficient market data by which to extrapolate a market-based adjustment for balcony or patio, the appraiser elected to adjust the comparables \$10 per month.

Parking – The subject and Comparables 2, 3, 4, 5 and 6 contain parking lots with no additional fee. Comparable 1 contains lot parking for an additional \$75 per month and garage parking for an additional \$150 per month. Comparable 5 also contains covered parking for an additional \$99 per month. Comparable 7 contains lot parking for an additional \$50 per month. Based on the comparables, parking lot fees range from \$0 to \$75 per month. Therefore, Comparables 1 and 7 were adjusted upward \$50 per month. Comparable 5 was not adjusted since it also contains parking that is similar to the subject's.

AC: Central/Wall – As complete, the subject will contain a mini-split HVAC system, which is similar to central air conditioning. All of the comparables except Comparable 5 contain central air conditioning. Comparable 5 contains through-the-wall air conditioning. Central or mini-split air conditioning is more energy-efficient than through-the-wall or window air conditioning and is a more desirable form of cooling. Although there is little market data available concerning units with central or mini-split air conditioning versus through-the-wall or window air conditioning, central or mini-split air conditioning is the preferred form of cooling. Therefore, properties with this cooling type are considered superior to all other types. Air conditioning in this area of the country is typically used five to six months out of every year and costs more annually than in areas where the temperature is cooler throughout the year. Consequently, central or mini-split air conditioning was considered a substantial enhancement to the unit. In addition, the *2024 NMHC/Kingsley Apartment Resident Preferences Report* for Washington, DC, the nearest metropolitan area, was consulted. According to the *2024 NMHC/Kingsley Apartment Resident Preferences Report*, residents in the metropolitan area indicated they would expect a renter to pay \$63.04 per month for central or mini-split air conditioning. After considering all factors, an adjustment of \$50 was considered appropriate for central or mini-split air conditioning. Through-the-wall or window air conditioning was valued at \$35. Therefore, an adjustment of \$15 was considered appropriate for the difference between central or mini-split air conditioning and through-the-wall or window air conditioning.

Range/Refrigerator – The subject and all comparables contain both amenities. No adjustments were needed.

Garbage Disposal – The subject contains a garbage disposal in the units. Comparables 2, 4, 5 and 6 are similar to the subject. None of the comparables contain garbage disposals. Since there is no market data concerning units with this feature, no adjustment was given.

Microwave/Dishwasher – As complete, the subject will contain both a microwave and dishwasher in the units. Microwaves are a relatively inexpensive item and are unlikely to be a deciding factor when a tenant decides which unit to lease. However, because the included amenity is considered an enhancement to the unit, it was considered appropriate to adjust a nominal \$5 per month for microwaves. The following table shows the amenities available at the subject and each comparable. The comparables were adjusted based on the indicated adjustment amount at the bottom of the table:

Amenity	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Comp 7
Microwave	\$5	\$5	\$5	\$5	\$5	\$5	---	\$5
Dishwasher	\$10	\$10	\$10	\$10	\$10	\$10	\$10	\$10
Total	\$15	\$15	\$15	\$15	\$15	\$15	\$10	\$15
Indicated Adjustment		\$0	\$0	\$0	\$0	\$0	\$5	\$0

Washer/Dryer – As complete, the subject will contain a washer and dryer in the units. Comparables 2, 4 and 6 only have access to a laundry facility. Comparables 1, 5 and 7 each contain a washer and dryer in the units, and Comparable 3 has washer/dryer hook-ups in the units. Units with washers and dryers



provided are preferred over units without these features as these appliances are expensive purchases for a prospective tenant. Although there is little market data available concerning units with these features versus those without these features, the amenities are an enhancement to the unit. The 2024 NMHC/Grace Hill Renter Preferences Survey Report for Washington, DC, the nearest metropolitan area, was consulted. According to the 2024 NMHC/Grace Hill Renter Preferences Survey Report, residents in the metropolitan area indicated they would expect a renter to pay \$63.53 per month for washers and dryers in the unit and \$45.98 for washer/dryer hook-ups in the units. After considering all factors, washers and dryers were valued at \$60 per month, and washer/dryer hook-ups were valued at \$45 per month. Laundry facilities on-site were valued at \$10 per month. The following table shows the amenities available at the subject and each comparable. The comparables were adjusted based on the indicated adjustment amount at the bottom of the table:

Amenity	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Comp 7
Laundry Facility	---	---	\$5	---	\$5	---	\$5	---
Washer/Dryer Hook-Ups	---	---	---	\$45	---	---	---	---
Washer/Dryer	\$60	\$60	---	---	---	\$60	---	\$60
Total	\$60	\$60	\$5	\$45	\$5	\$60	\$5	\$60
Indicated Adjustment		\$0	\$55	\$15	\$55	\$0	\$55	\$0

Carpet – The subject contains wood and ceramic tile floor coverings. The comparables contain wood or carpet floor coverings. The market did not indicate a rent differential based on floor coverings. Therefore, no adjustments were needed.

Drapes – The subject and all comparables contain window coverings. No adjustment was needed.

Pool/Exercise Room/Recreation Areas – The following table shows the amenities at the subject and each comparable:

Amenity	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Comp 7
Swimming Pool	---	\$10	---	\$10	\$10	\$10	\$10	\$10
Exercise Room	---	\$5	\$5	\$5	---	\$5	\$5	\$5
Picnic Area	---	\$5	\$5	\$5	\$5	---	---	\$5
Play Area	---	---	---	\$5	---	---	\$5	---
Tot Lot	---	---	---	\$5	---	---	---	---
Tennis Court	---	---	---	---	\$5	---	---	---
Rooftop Terrace	---	---	---	---	\$5	---	---	---
Courtyard	---	---	---	---	---	---	---	\$5
Sundeck	---	---	---	\$5	\$5	---	---	\$5
Walking Trail	---	---	---	\$5	---	---	---	---
Lounge	---	---	---	---	---	---	---	\$5
Total	\$0	\$20	\$10	\$40	\$30	\$15	\$20	\$35
Indicated Adjustment		(\$20)	(\$10)	(\$40)	(\$30)	(\$15)	(\$20)	(\$35)

Although there is little market data available concerning units with these features, the added amenities are an enhancement. Swimming pools are typically considered a more desirable feature than other recreation features. Therefore, a \$10 adjustment was determined for swimming pool, and a \$5 adjustment per feature was determined for each additional recreation area. The adjustments for the comparables are shown at the bottom of the table.

Heat – The subject has this utility provided. Comparables 4 and 6 are similar to the subject. None of the remaining comparables have this utility provided. Therefore, Comparables 1, 2, 3, 5 and 7 were adjusted upward the following adjustments: \$29 for the one-bedroom comparison; \$32 for the two-bedroom comparison; and \$34 for three-bedroom comparison. The adjustments were based on the Allowances for Tenant-Furnished Utilities and Other Services provided for Arlington County. The amounts were substantiated through local utility providers.

Cooling – The subject has this utility provided. Comparables 4 and 6 are similar to the subject. None of the remaining comparables have this utility provided. Therefore, Comparables 1, 2, 3, 5 and 7 were



adjusted upward the following adjustments: \$8 for the one-bedroom comparison; \$13 for the two-bedroom comparison; and \$18 for three-bedroom comparison. The adjustments were based on the Allowances for Tenant-Furnished Utilities and Other Services provided for Arlington County. The amounts were substantiated through local utility providers.

Cooking – The subject has this utility provided. Comparables 4 and 6 are similar to the subject. None of the remaining comparables have this utility provided. Therefore, Comparables 1, 2, 3, 5 and 7 were adjusted upward the following adjustments: \$7 for the one-bedroom comparison; \$8 for the two-bedroom comparison; and \$8 for three-bedroom comparison. The adjustments were based on the Allowances for Tenant-Furnished Utilities and Other Services provided for Arlington County. The amounts were substantiated through local utility providers.

Electricity – The subject has this utility provided. Comparables 4 and 6 are similar to the subject. None of the remaining comparables have this utility provided. Therefore, Comparables 1, 2, 3, 5 and 7 were adjusted upward the following adjustments: \$30 for the one-bedroom comparison; \$40 for the two-bedroom comparison; and \$50 for three-bedroom comparison. The adjustments were based on the Allowances for Tenant-Furnished Utilities and Other Services provided for Arlington County. The amounts were substantiated through local utility providers.

Hot Water – The subject has this utility provided. Comparables 4 and 6 are similar to the subject. None of the remaining comparables have this utility provided. Therefore, Comparables 1, 2, 3, 5 and 7 were adjusted upward the following adjustments: \$15 for the one-bedroom comparison; \$23 for the two-bedroom comparison; and \$31 for three-bedroom comparison. The adjustments were based on the Allowances for Tenant-Furnished Utilities and Other Services provided for Arlington County. The amounts were substantiated through local utility providers.

Cold Water/Sewer – The subject provides cold water and sewer. Comparables 4, 5 and 6 are similar to the subject. None of the remaining comparables have this utility provided. Therefore, Comparables 1, 2, 3 and 7 were adjusted upward the following adjustments: \$44 for the one-bedroom comparison; \$64 for the two-bedroom comparison; and \$93 for three-bedroom comparison. The adjustments were based on the Allowances for Tenant-Furnished Utilities and Other Services provided for Arlington County. The amounts were substantiated through local utility providers.

Trash – The subject provides this utility. Comparables 4, 5 and 6 are similar to the subject. None of the remaining comparables have this utility provided. Comparable 7 has a \$7 monthly flat fee and was adjusted upward accordingly. Comparables 1, 2 and 3 were adjusted upward \$26 per month for all unit comparisons. The adjustment was based on the Allowances for Tenant-Furnished Utilities and Other Services provided for Arlington County. The amount was substantiated through local utility providers.

Location – The subject’s location is rated average, with easy access to all services available within the city limits. In order to determine if adjustments were needed for differences in location between the subject and the comparables, eleven factors were compared. Those factors include livability, amenities available, cost of living, crime factors, employment factors, housing factors, schools in the area, walkscore, population counts, median rent levels and median income levels. Based on the analysis, all comparables are located in the subject’s area or in areas that are similar to the subject’s. No adjustments were needed.

Security – The following table shows the amenities at the subject and each comparable:

Feature	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Comp 7
Intercom/Electronic Entry	---	---	---	\$10	\$10	\$10	---	\$10
Video Surveillance	---	---	---	---	\$5	---	---	---
Security Patrol	---	\$5	---	---	---	---	---	---
Total	\$0	\$5	\$0	\$10	\$15	\$10	\$0	\$10
Indicated Adjustment		(\$5)	\$0	(\$10)	(\$15)	(\$10)	\$0	(\$10)



No complex in the market area shows a rent differential based on security features. However, security features are an enhancement to an apartment complex, particularly security that limits access to the building or grounds. All security features will provide added protection for residents at the properties. Limited access gates limit access to the grounds, while intercom/electronic entry limits access to the buildings. Therefore, properties with limited access gates and/or intercom/electronic entry are considered superior to properties with video surveillance and/or security patrol which do not limit access. Consequently, limited access gates and intercom/electronic entry are considered \$5 superior to video surveillance and security patrol. The adjustments for the comparables are shown at the bottom of the table.

Clubhouse/Meeting Room/Dining Room – The subject does not contain any of these features. Comparables 1, 3, 4 and 7 each contain a clubhouse. None of the remaining comparables contain any of these amenities. No complex in the market area shows a rent differential based on these particular items; however, the added amenities are an enhancement. Apartments with these features can command a higher rent in the market area. Therefore, properties with these features were adjusted \$5 per feature compared to properties without any of these features. The following table shows the amenities available at the subject and each comparable. The comparables were adjusted based on the indicated adjustment amount at the bottom of the table:

Amenity	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Comp 7
Clubhouse	---	\$5	---	\$5	\$5	---	---	\$5
Total	\$0	\$5	\$0	\$5	\$5	\$0	\$0	\$5
Indicated Adjustment		(\$5)	\$0	(\$5)	(\$5)	\$0	\$0	(\$5)

Special Features – The following table shows the amenities at the subject and each comparable:

Amenity	Subject	Comp 1	Comp 2	Comp 3	Comp 4	Comp 5	Comp 6	Comp 7
Stainless Steel Appliances	---	\$25	---	---	---	\$25	\$25	---
Solid-Surface Countertops	---	---	---	---	---	\$25	\$25	---
Common Area Wi-Fi	---	---	---	\$10	---	---	---	---
Total	\$0	\$25	\$0	\$10	\$0	\$50	\$50	\$0
Indicated Adjustment		(\$25)	\$0	(\$10)	\$0	(\$50)	(\$50)	\$0

Common area Wi-Fi is a convenience to the property. This feature is valuable to residents as it allows access to the Internet without having to deplete data from personal accounts which are typically accompanied by data caps and limits. There is no data for these features that could be extracted from the market area. However, an adjustment was needed for the convenience of the on-site amenity. Therefore, an adjustment of \$10 was selected.

Special features such as stainless steel appliances and granite, quartz or solid-surface countertops will typically command a higher rent in the market. Tenants are typically willing to pay a higher premium for these features. Typically, when these features are included in the units, they are considered luxury items, and units are assessed an up-charge from the rent that would be charged if unit did not contain these features. The *2024 NMHC/Grace Hill Renter Preferences Survey Report* for Washington, DC, the nearest metropolitan area, was consulted. According to the *2024 NMHC/Grace Hill Renter Preferences Survey Report*, residents in the metropolitan area indicated they would expect a renter to pay \$54.75 per month for premium features such as stainless steel appliances and solid-surface countertops. The survey did not differentiate between the amount renters would expect to pay for each feature. However, previous versions of this publication did differentiate the fees for these features and generally indicated that the fees were either evenly split between the two features or were only a minimal amount more for solid-surface countertops. Therefore, after considering all factors, a \$25 adjustment was applied for stainless steel appliances, and a \$25 adjustment was applied for the solid-surface countertops.

Business Center/Neighborhood Network – The subject does not contain this feature. None of the comparables except Comparable 5 contain either feature. Comparable 5 contains a business center. No complex in the market area shows a rent differential based on these particular items; however, the added amenities are an enhancement. Apartments with these features can command a higher rent in the market



area. Therefore, properties with these features were adjusted \$5 per feature compared to properties without any of these features.

Conclusion of Market Rents – As Stabilized

The adjusted rents range from \$1,765 to \$2,251 for the one-bedroom comparison; from \$2,095 to \$2,990 for the two-bedroom comparison; and from \$2,377 to \$2,734 for the three-bedroom comparison. All comparables were given consideration. The appraiser concluded the market rent for the units at the subject as follows:

- **588 SF One-Bedroom Units** - **\$1,935**
- **738 SF Two-Bedroom Units** - **\$2,550**
- **744 SF Three-Bedroom Units** - **\$2,650**

The developer is proposing affordable rents as follows: \$742, \$1,165, \$1,319, \$1,328, and \$1,527 for one-bedroom units; \$881, \$1,390, \$1,699, \$1,386, and \$1,860 for two-bedroom units; and \$2,189 for three-bedroom units. The subject’s proposed rental rates are below the maximum allowable LIHTC rents. Therefore, the proposed rents, as shown in the following table were deemed competitive and achievable.

Unit Type	% of AMI	Proposed Rent	Market Rent	\$ Rent Advantage	% Rent Advantage
1/1	30%	\$742	\$1,935	\$1,193	61.7%
1/1	50%	\$1,165	\$1,935	\$770	39.8%
1/1	60%	\$1,319	\$1,935	\$616	31.8%
1/1	70%	\$1,328	\$1,935	\$607	31.4%
1/1	80%	\$1,527	\$1,935	\$408	21.1%
2/1	30%	\$881	\$2,550	\$1,669	65.5%
2/1	50%	\$1,390	\$2,550	\$1,160	45.5%
2/1	60%	\$1,699	\$2,550	\$851	33.4%
2/1	70%	\$1,386	\$2,550	\$1,164	45.6%
2/1	80%	\$1,860	\$2,550	\$690	27.1%
3/1	60%	\$2,189	\$2,650	\$461	17.4%
3/1	80%	\$2,189	\$2,650	\$461	17.4%



Evaluation of the Development

Project Design

Barcroft Apartments – Bravo I is an existing LIHTC complex comprised of five three-story walk-up buildings containing a total of 114 revenue units. The buildings have a concrete slab foundation and wood framing, with brick exterior and asphalt shingle or slate roofs. The buildings have a concrete slab foundation and wood framing, with brick exterior and asphalt shingle or slate roofs. The complex was constructed in 1939. The property will be rehabilitated. Landscaping is minimal and consists of grass, trees and shrubs. The property is a scattered site development however, the sites are contiguous.

Project Amenities

The property provides the following project amenities: picnic area, laundry facility, courtyard, extra storage, and on-site maintenance. The subject's project amenities will be competitive with the comparables in the market area.

Parking

The complex offers 69 open lot parking spaces for no additional cost, and 24 garage parking spaces for an additional fee of \$150 per month. There is also ample street parking available.

Unit Mix

The subject's unit mix of one, two, and three-bedroom units will be suitable in the market area.

Utilities

The subject currently contains baseboard hot water heating and PTAC electric cooling. Cooking is currently gas. Hot water heating is electric. As part of the renovation, the subject will install mini-split electric heating and cooling, and switch cooking to electric. The landlord provides all utilities. This arrangement is superior to the majority of the comparables in the market area.

Unit Amenities

Each unit contains the following amenities: refrigerator, range/oven, garbage disposal, dishwasher, microwave, coat closets, wood and ceramic tile flooring and blinds. As complete, the subject will feature washers and dryers in all units. The unit amenities are competitive with the comparables in the market area.

Tenant Services

The subject does not provide any tenant services. None of the comparables offer tenant services.

Impact of Existing/Planned Rental Housing

The market area exhibits sufficient demand for the proposed rehabilitation of the existing property. Based on the occupancy level of the apartment complexes in the market area, the waiting lists, the projected population and household growth and the economic factors, it is believed that when the rehabilitation is completed, the property will have no adverse impact on the existing and/or planned market-rate rental housing properties in the market area.

Summary of Developments Strength and Weaknesses

Strengths

- The subject's site plan and design are competitive with the surveyed comparables.
- The development will be superior to most of the comparable developments in condition upon completion of the rehabilitation.
- The subject's current and proposed unit and project amenities will be competitive with the comparables in the market area.
- The subject's proposed rents will provide a good value to prospective tenants.

Weaknesses

- There are no apparent weaknesses.

IX. LOCAL PERSPECTIVE AND INTERVIEWS



Local Interviews

Arlington Zoning Department

According to the Arlington Zoning Department, the subject is zoned RA14-26 Apartment Dwelling District. It was reported that the current usage is a legal, conforming use of the zoning district. Furthermore, the subject could be rebuilt as is if destroyed. It was stated that there is no limit to the number of permits that can be issued annually. The phone number for the Arlington Zoning Department is 817-459-6502.

Arlington Economic Development

According to Troy Palma, Regional Economist with Arlington Economic Development, there have been several new and expanding businesses in the county, as well as numerous infrastructure projects.

New businesses and expansions include, but are not limited to, the following:

- Amazon HQ2 is Amazon's corporate headquarters in Crystal City, Arlington, Virginia and is an expansion of the company's headquarters in Seattle, Washington. Phase I, which has capacity for 14,000 employees, and has opened as of June 2023.
- CoStar Group., a leading global provider of online real estate marketplaces, is moving its global headquarters Rosslyn. The company will occupy a 560,000-square-foot office building known as Central Place Tower, and will move into the location in late 2024. The company will occupy 150,000 square feet of commercial office space and employ 650 workers in Arlington.
- Evolent Health and Privia Health, are recent spin-offs from the Advisory Board Corporation that have moved into 800 N. Glebe Road in Ballston. Both are leading edge health care related companies that serve providers through technology and new models of providing lower cost care in a highly competitive industry. Evolent Health has expanded from 8,000 to 38,000 square feet, and Privia Health is all new with 11,000 square feet.
- Google, american multinational corporation and technology company, plans to invest over \$1 billion into data centers in the Arlington County area. The company reported it is still seeking to bring at least 25,000 jobs to the area by 2038.
- Other significant expansions of existing firms include additions of 31,200 square feet for Rosetta Stone in Rosslyn and 14,000 square feet for Raytheon, also in Rosslyn, as well as Italian defense contractor DRS Technologies with 50,000 square feet in Crystal City. New to Arlington is the Association for Unmanned Vehicle Systems International in Shirlington. Two important retentions were 100,000 square feet for CACI and 94,000 square feet headquarters for AES, both headquarters operations in Ballston.

Due to the new and expanding businesses, the numerous infrastructure projects, the decreasing unemployment and minimal number of layoffs and closures in the region, it is believed that the economic outlook for the area will remain stable for the next two to five years.

X. RECOMMENDATIONS AND CONCLUSIONS



Recommendations and Conclusions

Project Description

The subject, Barcroft Apartments – Bravo I, is an existing LIHTC development designated for families. The property consists of two three-story walk-up buildings (buildings 12 to 16) containing a total of 114 units and one accessory building. The subject currently features studio, one, and two-bedroom units. The subject property will undergo renovation. Once renovation is complete, the subject will be feature one, two, and three-bedroom units and will be LIHTC restricted at 30, 50, 60, 70 and 80 percent of the area median income. Additionally, the subject will Households with one to three persons and between \$25,440 and \$133,680 would be eligible for the rehabilitated development.

The following chart lists the subject’s **existing** unit mix. The property contains a net rentable area of 74,354 square feet.

Unit Type	# of Units	Square Feet	Total Square Footage
Efficiency	1	436	436
1/1	20	582	11,640
1/1	67	590	39,530
1/1	1	744	744
2/1	4	744	2,976
2/1	19	848	16,112
2/1	2	958	1,916
	114		74,354

The following chart lists the subject’s **proposed** unit mix. The property contains a net rentable area of 73,355 square feet.

Unit Type	# of Units	Square Feet	Total Square Footage
1/1	10	575	5,750
1/1	15	586	8,790
1/1	5	588	2,940
1/1	32	589	18,848
1/1	10	602	6,020
2/1	10	630	6,300
2/1	11	636	6,996
2/1	16	848	13,568
2/1	3	885	2,655
3/1	2	744	1,488
	114		73,355

The following chart lists the subject’s existing unit distribution by unit type, size and rent structure.



Unit Type	# of Units	Square Feet	Current Rent	Utility Allowance
Efficiency	1	436	\$1,270	N/A
1/1	67	590	\$1,360	N/A
1/1	8	590	\$1,370	N/A
1/1	12	590	\$1,380	N/A
1/1	1	590	\$1,620	N/A
2/1	3	840	\$1,620	N/A
2/1	6	840	\$1,625	N/A
2/1	13	840	\$1,630	N/A
2/1	1	840	\$1,635	N/A
2/1	2	840	\$1,700	N/A
	114			

The following chart lists the subject's proposed unit distribution by unit type, size and rent structure.

MAXIMUM LIHTC RENTS AND UTILITY ALLOWANCES							
Unit Type	# of Units	Square Feet	% of Median Income	2024 Maximum LIHTC Rent	Gross Rent	Utility Allowance	Net Rent
1/1	10	588	30%	\$870	\$742	\$0	\$742
1/1	32	588	50%	\$1,450	\$1,165	\$0	\$1,165
1/1	15	588	60%	\$1,740	\$1,319	\$0	\$1,319
1/1	5	588	70%	\$2,030	\$1,328	\$0	\$1,328
1/1	10	588	80%	\$2,321	\$1,527	\$0	\$1,527
2/1	2	738	30%	\$1,044	\$881	\$0	\$881
2/1	14	738	50%	\$1,741	\$1,390	\$0	\$1,390
2/1	10	738	60%	\$2,089	\$1,699	\$0	\$1,699
2/1	3	738	70%	\$2,437	\$1,386	\$0	\$1,386
2/1	11	738	80%	\$2,786	\$1,860	\$0	\$1,860
3/1	1	744	60%	\$2,413	\$2,189	\$0	\$2,189
3/1	1	744	80%	\$3,218	\$2,189	\$0	\$2,189

*The developer is electing to use the income-average minimum set-aside option. The subject's proposed rent/income designation level is 20.0 percent.

Note, the subject's proposed rents are all set below maximum allowable levels.

Income Averaging

The developer has committed to providing one, two, and three-bedroom units at 30, 50, 60, 70, and 80 percent of the area median income. The Consolidated Appropriations Act of 2018 permanently established income averaging as a third minimum set-aside election for new developments. Income averaging allows credit-qualified units to serve households earning as much as 80 percent of the area median income so long as the average imputed income limit of the property is 60 percent or less of the AMI. Owners electing income averaging must commit to having at least 40 percent of the units affordable to eligible tenants. The subject's proposed rent/income designation level is 20.0 percent, and the units will qualify for the income averaging set aside. As noted in the capture rate calculations included on Page 89, the capture rates for each applicable percentage of the area median income are below 1.0 percent and are considered good.

Housing Profile

The rental housing stock in the market area is comprised of single-family homes and market-rate and income-restricted apartment complexes. The market area has an overall rental vacancy rate of 1.4 percent. Of the 4,428 total units verified, 64 were vacant.



The proposed rehabilitation of the existing LIHTC development will not have an adverse impact on the market area. As complete, the property will be 100 percent LIHTC at 30, 50, 60, 70, and 80 percent of the area median income. There were nine income-restricted developments, including the subject confirmed in the market area. Of the confirmed income-restricted developments, all directly compete with the subject. All competing developments maintain high occupancy rates and all but one maintain waiting lists from the subject could draw residents. Therefore, it does not appear the market area is saturated with affordable housing.

Market Feasibility

The following table shows the capture rates for the rehabilitated development.

CAPTURE RATE	
Project Wide Capture Rate - LIHTC Units	0.7%
Project Wide Absorption Rate	4-6 Months

The market shows a net demand of 15,301 households for all units. The subject is an existing LIHTC development that is currently 81.0 percent occupied, with 22 vacant units. As complete, the property will be 100 percent LIHTC at 30, 50, 60, 70 and 80 percent of the area median income. The capture rate is 0.7 percent, which is considered good. In addition, the existing LIHTC properties have high occupancy rates, and the majority maintain waiting lists. Also, the population and households in the market are projected to grow through 2029, and there is economic growth in the region. Therefore, it is the belief of the analysts that the property will continue to be viable within the market area. Consequently, it is firmly believed that the rehabilitated development will continue to satisfy a portion of the demand for rental units within the market. It is believed that the property will meet the demand for affordable housing in the market area.

Evaluation of Project

The subject property is located in a residential neighborhood in the southern portion of Arlington. The subject is located along the west and east side of South Thomas Street. South Thomas Street and South Four Mile Run Drive connects to South George Mason Drive and Columbia Pike. Columbia Pike, or State Highway 244, is a major thoroughfare in the area. Therefore, the subject has average visibility and easy access. The subject's existing site plan and project design are similar to competing apartment developments. The subject's proposed unit mix of one, two, and three-bedroom units will be suitable in the market.

Positive/Negative Attributes

Strengths: The subject's location is comparable to other developments in the market area. Its current and proposed in-unit and common area amenities will be competitive with the other developments in the market area. When these factors are taken into consideration, the subject's rehabilitated units will provide a good value to prospective tenants.

Weaknesses: There are no apparent weaknesses.

Conclusions

The subject can retain its required share of the market area for the following reasons:

- The subject's rehabilitated design and amenities will be competitive with other existing projects. Therefore, no modifications to the subject are necessary.
- Once rehabilitation is complete, the subject will be superior in condition when compared to the majority of the current housing stock.
- The market area's population and households are projected to increase through 2029, indicating a need for additional housing in the market area. In addition, all restricted properties confirmed maintain high occupancy rates, and the majority maintain waiting lists, it appears the market is not oversaturated with affordable rental housing.



-
- Barcroft Apartments - Bravo I is an existing LIHTC development containing 114 units that will be rehabilitated. Once rehabilitated is complete, the subject will feature one, two, and three-bedroom units and be 100 percent LIHTC at 30, 50, 60, 70, and 80 percent of the area median income. Therefore, the rehabilitated subject will continue to be a great asset to the area.
 - The subject is an existing LIHTC development that is currently 81.0 percent occupied. The property will be LIHTC at 30, 50, 60, 70 and 80 percent of the area median income. The rehabilitation of the development will not displace any tenants. However, the absorption rate analysis was conducted as though the property were vacant. The absorption level is typically based on the most recent multifamily developments. There were no recent affordable developments constructed in the market area for which lease up data was available. Therefore, the analyst also considered the opinions of apartment managers and local real estate agents, the current occupancy rates of the surveyed developments and the current waiting lists of the affordable developments, including the subject, confirmed in the market area. After considering all factors, it is estimated that the development could absorb 20 to 25 units per month, resulting in a 95 percent occupancy level within four to six months.
 - According to the past, present and future demographic and economic trends within the primary market area, it is the opinion of the analyst that the rehabilitated development will be suitable for the market area. Given the current low vacancy rates for income-restricted properties as well as the waiting lists at the majority of affordable properties, the development will not have an adverse effect on the existing rental comparables and the anticipated pipeline additions to the rental base.

MARKET STUDY ANALYST STATEMENT OF EXPERIENCE



Qualifications of the Analyst

Gill Group is a nationwide marketing and real estate consulting firm specializing in market studies and real estate appraisals for low-income housing developments. For more than 30 years, Gill Group has been performing market research and appraisals on all types of properties. Primary data from field inspectors, analysts and appraisers is used. Our inspectors, analysts and appraisers personally inspect and examine every property included in the reports. Additional data is obtained from the U.S. Census Bureau, local public officials and reliable market data research companies such as ESRI Business Information Solutions. Gill Group's market studies have been used by clients in the Low Income Housing Tax Credit program and in obtaining and renewing state and federal subsidies for low-income housing developments and multifamily rental housing. Samuel T. Gill has been active in the U.S. Department of Housing and Urban Development's Multifamily Accelerated Processing (M.A.P.) and Mark-to-Market programs.



Certificate of Membership

Gill Group, Inc.
Is a Member Firm in Good Standing of



National Council of Housing Market Analysts
1400 16th St. NW, Suite 420
Washington, DC 20036
202-939-1750

Designation Maintained By
Samuel Gill

Membership Term
2/1/2023 - 1/31/2024



Kaitlyn Snyder
Managing Director, NH&RA



We affirm that we have made a physical inspection of the site and market area. We also affirm that the appropriate information has been used in the comprehensive evaluation of the need and demand for the proposed rental units. To the best of our knowledge the market can support the demand shown in this study. We understand that any misrepresentations in this statement may result in the denial of participation in the Low Income Housing Tax Credit Program in Virginia as administered by the Virginia Housing. We also affirm that neither we nor anyone at our firm has any interest in the proposed development or relationship with the ownership entity. In addition, we affirm that neither we nor anyone at our firm nor anyone acting on behalf of our firm in connection with the preparation of this report has communication to others that my firm is representing Virginia Housing or in any way acting for, at the request of, or on behalf of Virginia Housing. Finally, we affirm that compensation for our services is not contingent upon this development receiving a reservation or allocation of tax credits.

IN PROGRESS

Samuel T. Gill
Market Analyst

IN PROGRESS

Janice F. Gill, MAI
Market Analyst

July 15, 2024

ADDENDUM A – DATA SOURCES

2010 U.S. Census
2020 U.S. Census
American Community Survey
Claritas; Ribbon Demographics (A nationally recognized demographics forecaster)
U.S. Bureau of Labor Statistics

Information used in the market study was obtained from various sources including: the U.S. Census Bureau, Ribbon Demographics, U.S. Bureau of Labor Statistics, interviews with local area and government officials and interview with local property owners or managers.

ADDENDUM B – MARKET STUDY TERMINOLOGY

Absorption Period

The period of time necessary for a newly constructed or renovated property to achieve the Stabilized Level of Occupancy. The Absorption Period begins when the first temporary or permanent certificate of occupancy is issued and ends when the last unit to reach the Stabilized Level of Occupancy has a signed lease. Assumes a typical pre-marketing period, prior to the issuance of the certificate of occupancy, of about three to six months. The month that leasing is expected to begin should accompany all absorption estimates.

Absorption Rate

The average number of units rented each month during the Absorption Period.

Acceptable Rent Burden

The rent-to-income ratio used to qualify tenants for both income restricted and non-income restricted units. The Acceptable Rent Burden varies depending on the requirements of funding sources, government funding sources, target markets, and local conditions.

Affordable Housing

Housing where the tenant household pays no more than 30 percent of its annual income on Gross Rent.

Amenity

Tangible or intangible benefits offered to a tenant at no fee (with the exception of day care), typically on-site recreational facilities or planned programs, services and activities.

Annual Demand

The total estimated demand present in the market in any one year for the type of units proposed. Annual demand estimates factor in tenure, tenant age, income restrictions, family size and turnover.

Area Median Income (AMI)

One-hundred percent of the gross median household income for a specific metropolitan statistical area, county or non-metropolitan area established annually by HUD.

Assisted Housing

Housing where the monthly costs to the tenants are subsidized by federal, state or other programs.

Attached Housing

Two or more dwelling units connected with party walls (e.g., townhouses or flats).

Basic Rent

The minimum monthly rent that tenants who do not have rental assistance pay to lease units developed through the USDA-RD Section 515 Program, the HUD Section 236 Program and HUD Section 223 (d)(3) Below Market Interest Rate Program. The Basic Rent is calculated on the rent required to operate the property, maintain debt service on a subsidized mortgage with a below-market interest rate, and provide a return on equity to the developer in accordance with the regulatory documents governing the property.

Below Market Interest Rate Program (BMIR)

Program targeted to renters with income not exceeding 80 percent of area median income by limiting rents based on HUD's BMIR Program requirements and through the provision of an interest reduction contract to subsidize the market interest rate to a below-market rate. Interest rates are typically subsidized to effective rates of one percent or three percent.

Capture Rate

The percentage of age, size, and income qualified renter households in the Primary Market Area that the property must capture to achieve the Stabilized Level of Occupancy. Funding agencies may require restrictions to the qualified households used in the calculation including age, income, living in substandard housing, mover-ship and other comparable factors. The Capture Rate is calculated by dividing the total number of units at the property by the total number of age, size and income qualified renter households in the Primary Market Area. See Penetration Rate for rate for entire market area.

Census Tract

A small, relatively permanent statistical subdivision delineated by a local committee of census data users for the purpose of presenting data. Census tract boundaries normally follow visible features but may follow governmental unit boundaries and other non-visible features; they always nest within counties. They are designed to be relatively homogeneous units with respect to population characteristics, economic status, and living conditions at the time of establishment. Census tracts average about 4,000 inhabitants.

Central Business District (CBD)

The center of commercial activity within a town or city; usually the largest and oldest concentration of such activity.

Community Development Corporation (CDC)

Entrepreneurial institution combining public and private resources to aid in the development of socio-economically disadvantaged areas.

Comparable Property

A market-rate or Affordable Housing property that is representative of the rental housing choices of the subject's Primary Market Area and that is similar in construction, size, amenities, or age. These Comparables and Competitives are generally used to derive market rent.

Competitive Property

A property that is comparable to the subject and that competes at nearly the same rent levels and tenant profile, such as age, family or income.

Concession

Discount given to a prospective tenant to induce the tenant to sign a lease. Concessions typically are in the form of reduced rent or free rent for a specified lease term or for free amenities which are normally charged separately (i.e., washer/dryer, parking).

Condominium

A form of joint ownership and control of property in which specified volumes of space (for example, apartments) are owned individually while the common elements of the property (for example, outside walls) are owned jointly.

Contract Rent

1. The actual monthly rent payable by the tenant, including any rent subsidy paid on behalf of the tenants, to the owner, inclusive of all terms of the lease (HUD & RD).
2. The monthly rent agreed to between a tenant and a landlord (Census).

Demand

An estimate of the total number of market households that have both the desire and the ability to obtain the product and/or services offered. These households must be of the appropriate age, income, tenure and size for a specific proposed development. Components of demand vary and can include household growth; turnover, those living in substandard conditions, rent over-burdened households, and demolished housing units. Demand is project specific.

Difficult Development Area (DDA)

An area designated by HUD as an area that has high construction, land, and utility costs relative to the Area Median Gross Income. A project located in a DDA and utilizing the Low Income Housing Tax Credit may qualify for up to 130 percent of eligible basis for the purpose of calculating the Tax Credit allocation.

Detached Housing

A freestanding dwelling unit, typically single-family, situated on its own lot.

Effective Rents

Market Rents less concessions.

Elderly or Senior Housing

Housing where (1) all the units in the property are restricted for occupancy by persons 62 years of age or older or (2) at least 80 percent of the units in each building are restricted for occupancy by households where at least one household member is 55 years of age or older and the housing is designed with amenities and facilities designed to meet the needs of senior citizens.

Extremely Low Income

Person or household with income below 30 percent of Area Median Income adjusted for household size.

Fair Market Rent (FMR)

The estimates established by HUD of the Gross Rents (Contract Rent plus Tenant Paid Utilities) needed to obtain modest rental units in acceptable condition in a specific county or metropolitan statistical area. HUD generally sets FMR so that 40 percent of the rental units have rents below the FMR. In rental markets with a shortage of lower-priced rental units, HUD may approve the use of Fair Market Rents that are as high as the 50th percentile of rents.

Family

A family consists of a householder (i.e., one who occupies or owns a house/head of a household) and one or more other persons living in the same household who are related to the householder by birth, marriage or adoption. Not all households contain families since a household may comprise a group of unrelated persons or one person living alone. (Source: U.S. Census)

Garden Apartments

Apartments in low-rise buildings (typically two to four stories) that feature low density, ample open-space around the buildings, and on-site parking.

Gross Rent

The monthly housing cost to a tenant which equals the Contract Rent provided for in the lease plus the estimated cost of all Tenant Paid Utilities.

High-rise

A residential building having more than ten stories.

Household

All the persons who occupy a housing unit as their usual place of residence. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements. (Source: U.S. Census)

Household Trends

Changes in the number of households for a particular area over a specific period of time, which is a function of new household formations (e.g., at marriage or separation) and decreasing average household size.

Housing Unit

House, apartment, mobile home, or group of rooms used as a separate living quarters by a single household.

Housing Choice Voucher (Section 8 Program)

Federal rent subsidy program under Section 8 of the U.S. Housing Act which issues rent vouchers to eligible households to use in the housing of their choice. The voucher payment subsidizes the difference between the Gross Rent and the tenant's contribution of 30 percent of adjusted income (or 10 percent of gross income, whichever is greater). In cases where 30 percent of the tenants' income is less than the utility allowance, the tenant will receive an assistance payment. In other cases, the tenant is responsible for paying his share of the rent each month.

Housing Finance Agency (HFA)

State or local agencies responsible for financing housing and administering Assisted Housing programs.

HUD Section 8 Program

Federal program that provides project based rental assistance. Under the program HUD contracts directly with the owner for the payment of the difference between the Contract Rent and a specified percentage of tenant's adjusted income.

HUD Section 202 Program

Federal program which provides direct capital assistance (i.e., grant) and operating or rental assistance to finance housing designed for occupancy by elderly households who have income not exceeding 50 percent of Area Median Income. The program is limited to housing owned by 501(c)(3) nonprofit organizations or by limited partnerships where the sole general partner is a 501(c)(3) nonprofit organization. Units receive HUD project based rental assistance that enables tenants to occupy units at rents based on 30 percent of tenant income.

HUD Section 811 Program

Federal program which provides direct capital assistance and operating or rental assistance to finance housing designed for occupancy by persons with disabilities who have income not exceeding 50 percent of Area Median Income. The program is limited to housing owned by 501(c)(3) nonprofit organizations or by limited partnerships where the sole general partner is a 501(c)(3) nonprofit organization.

HUD Section 236 Program

Federal program which provides interest reduction payments for loans which finance housing targeted to households with income not exceeding 80 percent of area median income who pay rent equal to the greater of Basic Rent of 30 percent of their adjusted income. All rents are capped at a HUD approved market rent.

Income Band

The range of incomes of households that can pay a specific rent but do not have more income than is allowed by the Income Limits of a particular housing program. The minimum household income typically is based on a defined Acceptable Rent Burden percentage and the maximum typically is pre-defined by specific programmatic requirements or by general market parameters.

Income Limits

Maximum household income by county or Metropolitan Statistical Area, adjusted for household size and expressed as a percentage of the Area Median Income for the purpose of establishing an upper limit for eligibility for a specific housing program. Income Limits for federal, state and local rental housing programs typically are established at 30, 50, 60 or 80 percent of AMI. HUD publishes Income Limits each year for 30 percent median, Very Low Income (50%), and Low-Income (80%), for households with one through eight people.

Infrastructure

Services and facilities including roads, highways, water, sewerage, emergency services, parks and recreation, etc. Infrastructure includes both public and private facilities.

Low Income

Person or household with gross household income below 80 percent of Area Median Income adjusted for household size.

Low Income Housing Tax Credit

A program to generate equity for investment in affordable rental housing authorized pursuant to Section 42 of the Internal Revenue Code, as amended. The program requires that a certain percentage of units built be restricted for occupancy to households earning 60 percent or less of Area Median Income, and that the rents on these units be restricted accordingly.

Low Rise Building

A building with one to three stories.

Market Advantage

The difference, expressed as a percentage, between the estimated market rent for an apartment property without income restrictions and the lesser of (a) the owner's proposed rents or (b) the maximum rents permitted by the financing program for the same apartment property.

Market Analysis

A study of real estate market conditions for a specific type of property.

Market Area

A geographic area from which a property is expected to draw the majority of its residents.

Market Area, Primary (PMA)

The most likely geographic area from which a property would draw its support.

Market Area, Secondary (SMA)

The portion of a market area that supplies additional support to an apartment property beyond that provided by the primary market area.

Market Demand

The number of units required in a defined market area to accommodate demand (i.e., households that desire to improve the quality of their housing without significantly increasing their economic burden). Market demand is not project specific and refers to the universe of tenure appropriate households, independent of income. The components of market demand are similar to those used in determining demand.

Market Feasibility Analysis

An analysis that determines whether a proposed development can attain its target rents, taking into account the development's characteristics (location, size, unit mix, design and amenities), the depth of its target market, and the strength of its appeal in comparison to other existing and planned options available to potential consumers.

Market Rent

The rent that an apartment, without rent or income restrictions or rent subsidies, would command in the open market considering its location, features, amenities. Market rent should be adjusted for concessions and owner paid utilities included in the rent.

Market Study

A comprehensive review of the housing market in a defined market area. A market study can be used to determine the demand for specific proposed development or to examine the overall condition of an area's housing market. Project specific market studies are often used by developers, syndicators, and government entities to determine the appropriateness of a proposed development, whereas market specific market studies are used to determine what housing needs, if any, exist within a specific geography. At a minimum, market studies include a review of location, economic conditions, demographics, and existing and proposed housing stock.

Marketability

The manner in which the subject fits into the market; the relative desirability of a property (for sale or lease) in comparison with similar or competing properties in the area.

Market Vacancy Rate – Physical

Average number of apartment units in any market which are unoccupied divided by the total number of apartment units in the same Market Area, excluding units in properties which are in the lease-up stage.

Market Vacancy Rate – Economic

Percentage of rent loss due to concessions and vacancies.

Metropolitan Statistical Area (MSA)

A geographic entity defined by the federal Office of Management and Budget, for use by federal statistical agencies, based on the concept of a core area with a large population nucleus, plus adjacent communities having a high degree of economic and social integration with that core. Qualification of an MSA requires the presence of a city with 50,000 or more inhabitants, or the presence of an Urbanized Area (UA) and a total population of at least 100,000 (75,000 in New England). The county or counties containing the largest city and surrounding densely settled territory are central counties of the MSA. Additional outlying counties qualify to be included in the MSA by meeting certain other criteria of metropolitan character, such as a specified minimum population density or percentage of the population that is urban.

Mid-rise

A building with four to ten stories.

Mixed Income Property

An apartment property containing (1) both income restricted and unrestricted units or (2) units restricted at two or more Income Limits (i.e., Low Income Tax Credit property with income limits of 30, 50 and 60 percent).

Mobility

The ease with which people move from one location to another.

Moderate Income

Person or household with gross household income between 80 and 120 percent of Area Median Income adjusted for household size.

Move-Up Demand

An estimate of how many consumers are able and willing to relocate to more expensive or desirable units, such as tenants who move up from Class C properties to Class B; and Class B tenants that move up to Class A properties; and tenants that move from Class C and B properties to a new superior Low Income Tax Credit property. For purposes of demonstrating move-up demand both changes in Class Construction Type and changes in Quality Classification of five or more may be considered (Reference the Virginia State Board of Equalization Assessor's Handbook Section 531, January 2003, pages 4-5 for definitions of Class and Quality Classifications.)

Multifamily

Structures that contain two or more housing units.

Neighborhood

An area of a city or town with common demographic and economic features that distinguish it from adjoining areas.

Net Rent (also referred to as Contract or Lease Rent)

Gross Rent less Tenant Paid Utilities.

Penetration Rate

The percentage of age and income qualified renter households in the Primary Market Area that live in all existing and proposed properties, to be completed within six months of the subject, and which are competitively priced to the subject that must be captured to achieve the Stabilized Level of Occupancy. Funding agencies may require restrictions to the qualified households used in the calculation including age, income, living in substandard housing, mover-ship and other comparable factors. See Capture Rate for property specific rate.

Pent-up Demand

A market in which there is a scarcity of supply and vacancy rates are very low.

Population Trends

Changes in population levels for a particular area over a specific period of time – which is a function of the levels of births, deaths, and net migration.

Primary Market Area

See Market Area

Programmatic Rents

The proposed rents for a Tax Credit or other income restricted property relative to comparable market rate properties and rents being achieved at another Low Income Housing Tax Credit or other income restricted properties in the market. Can be no greater than maximum rents permitted by the Low Income Housing Tax Credit or other program regulations.

Project Based Rent Assistance

Rental assistance from a federal, state or local program that is allocated to the property or a specific number of units in the property and is available to each income eligible tenant of the property or an assisted unit.

Public Housing or Low Income Conventional Public Housing

HUD program administered by local (or regional) Housing Authorities which serves Low- and Very-Low Income Households with rent based on the same formula used for HUD Section 8 assistance.

Qualified Census Tract (QCT)

Any census tract (or equivalent geographic area defined by the Bureau of the Census) in which at least 50 percent of households have an income less than 60 percent of Area Median Income or where the poverty rate is at least 25 percent. A project located in a QCT and receiving Low Income Housing Tax Credits may qualify for up to 130 percent of eligible basis for the purpose of calculating the Tax Credit allocation.

Redevelopment

The redesign or rehabilitation of existing properties.

Rent Burden

Contract Rent plus Tenant Paid Utilities divided by the gross monthly household income.

Rent Burdened Households

Households with rent burden above the level determined by the lender, investor or public program to be an acceptable rent-to-income ratio.

Restricted Rent

The maximum allowable rent under the restrictions of a specific housing program or subsidy.

Rural Development (RD) Market Rent

A monthly rent that can be charged for an apartment under a specific USDA-RD housing program, that reflects the agency's estimate of the rent required to operate the property, maintain debt service on an un-subsidized mortgage and provide an adequate return to the property owner. This rent is the maximum rent that a tenant can pay at an RD property.

Rural Development (RD) Program

Federal program which provides low interest loans to finance housing which serves low- and moderate-income persons in rural areas who pay 30 percent of their adjusted income on rent or the basic rent, whichever is the higher (but not exceeding the market rent). The Program may include property based rental assistance and interest reduction contracts to write down the interest on the loan to as low as one percent.

Saturation

The point at which there is no longer demand to support additional units.

Secondary Market Area

The portion of a market area that supplies additional support to an apartment property beyond that provided by the Primary Market Area.

Single-Family Housing

A dwelling unit, either attached or detached, designed for use by one household and with direct access to a street. It does not share heating facilities or other essential building facilities with any other dwelling.

Special Needs Population

Specific market niche that is typically not catered to in a conventional apartment property. This population should exhibit certain criteria, which can be well defined, in order, for example, to assess the need and demand from this source. Examples of special needs populations include substance abusers, visually impaired person or persons with mobility limitations.

Stabilized Level of Occupancy

The underwritten or actual number of occupied units that a property is expected to maintain after the initial rent-up period, expressed as a percentage of the total units. For TCAC projects these percentages are equal to a physical occupancy rate that will generate 90 percent of aggregate restricted rents for SRO and Special Needs units and generate 95 percent of aggregate restricted rents for all other types of units.

State Data Center (SDC)

A state agency or university facility identified by the governor of each state to participate in the U.S. Census Bureau's cooperative network for the dissemination of the census data.

Subsidy

Monthly income received by a tenant or by an owner on behalf of a tenant to pay the difference between the apartment's Contract Rent and the amount paid by the tenant toward rent.

Substandard Conditions

Housing conditions that are conventionally considered unacceptable which may be defined in terms of lacking plumbing facilities, one or more major systems not functioning properly, or overcrowded conditions.

Target Income Band

The estimated Income Band from which the subject will likely draw tenants.

Target Population

Market niche a development will appeal or cater to. State agencies often use Target Population to refer to various income set asides, elderly v. family, etc.

Tenant

One who rents real property from another.

Tenant Paid Utilities

The cost of utilities necessary for the habitation of a dwelling unit, which are paid by the tenant. Tenant Paid Utilities do not include costs for telephone or cable service.

Tenure

The distinction between owner-occupied and renter-occupied housing units.

Townhouse (or Row House)

Single-family attached residence separated from another by party walls, usually on a narrow lot offering small front and back-yards; also called a row house.

Turnover

An estimate of the number of housing units in a Market Area as a percentage of total housing units in the Market Area that will likely change occupants in any one year. Only turnover in the primary market area rental market (i.e., number of rental housing units as a percentage of total rental housing units that will likely change occupants) shall be considered for purposes of constructing demand estimates. See Vacancy Period.

Unmet Housing Need

New units required in the Market Area to accommodate household growth, homeless households, and housing in substandard conditions.

Unrestricted Rents

The recommended rents for the market rate units at a Mixed-Income Property.

Vacancy Period

The amount of time that an apartment remains vacant and available for rent.

Vacancy Rate – Economic

Maximum potential revenue less actual rent revenue divided by maximum potential rent revenue. The economic vacancy rate should be used exclusively for project rent proformas, and not for reporting the vacancy rate of rent comparables.

Vacancy Rate – Physical

The number of total habitable units that are vacant divided by the total number of units in the property. The physical vacancy rate shall be used when reporting comparable vacancy rates.

Very Low Income

Person or household whose gross household income does not exceed 50 percent of Area Median Income adjusted for household size.

Zoning

Classification and regulation of land by local governments according to use categories (zones); often also includes density designations.

ADDENDUM C – NCHMA INDEX

NCHMA Market Study Index

Introduction: Members of the National Council of Housing Market Analysts provide the following checklist referencing various components necessary to conduct a comprehensive market study for rental housing. By completing the following checklist, the NCHMA Analyst certifies that he or she has performed all necessary work to support the conclusions included within the comprehensive market study. By completion of this checklist, the analyst asserts that he/she has completed all required items per section.

		Page Number(s)
Executive Summary		
1	Executive Summary	Section I
Scope of Work		
2	Scope of Work	Section I
Project Description		
3	Unit mix including bedrooms, bathrooms, square footage, rents and income targeting	Section II
4	Utilities (and utility sources) included in rent	Section II
5	Target market/population description	Section II
6	Project description including unit features and community amenities	Section II
7	Date of construction/preliminary completion	Section II
8	If rehabilitation, scope of work, existing rents and existing vacancies	Section II
Location		
9	Concise description of the site and adjacent parcels	Section III
10	Site photos/maps	Section III
11	Map of community services	Section III
12	Site evaluation/neighborhood including visibility, accessibility and crime	Section III
Market Area		
13	PMA description	Section IV
14	PMA Map	Section IV
Employment and Economy		
15	At-Place employment trends	Section V
16	Employment by sector	Section V
17	Unemployment rates	Section V
18	Area major employers/employment centers and proximity to site	Section V
19	Recent or planned employment expansions/reductions	Section V
Demographic Characteristics		
20	Population and household estimates and projections	Section VI
21	Area building permits	Section VI
22	Population and household characteristics including income, tenure and size	Section VI
23	For senior or special needs projects, provide data specific to target market	Section VI
Competitive Environment		
24	Comparable property profiles and photos	Section VIII
25	Map of comparable properties	Section VIII
26	Existing rental housing evaluation including vacancy and rents	Section VIII
27	Comparison of subject property to comparable properties	Section VIII
28	Discussion of availability and cost of other affordable housing options including homeownership, if applicable	Section VIII
29	Rental communities under construction, approved, or proposed	Section VIII
30	For senior or special needs populations, provide data specific to target	Section VIII

Affordability, Demand, and Penetration Rate Analysis		
31	Estimate of demand	Section VII
32	Affordability analysis with capture rate	Section VII
33	Penetration rate analysis with capture rate	Section VII
Analysis/Conclusions		
34	Absorption rate and estimated stabilized occupancy for subject	Section X
35	Evaluation of proposed rent levels including estimate of market/achievable rents.	Section X
36	Precise statement of key conclusions	Section X
37	Market strengths and weaknesses impacting project	Section X
38	Product recommendations and/or suggested modifications to subject	Section X
39	Discussion of subject property's impact on existing housing	Section X
40	Discussion of risks or other mitigating circumstances impacting subject	Section X
41	Interviews with area housing stakeholders	Section X
Other Requirements		
42	Certifications	Section X
43	Statement of qualifications	Section X
44	Sources of data not otherwise identified	Addendum A

ADDENDUM D - SUBJECT INFO

MOSELEY ARCHITECTS

Barcroft Renovation Bravo 1
Schematic Design Scope Narrative

January 24, 2024

Summary

Summary: Barcroft Bravo 1 is a development of 114 apartments, constructed in the 1940's. The scope of the proposed renovation is as indicated below.

The apartments will be renovated to meet the Virginia Housing Minimum Design and Construction Requirements and will receive the 4% low-income housing tax credit.

Exterior scope of work:

- Ex windows to remain. They are relatively new. Architect will observe condition of windows during 100% unit survey.
- Basement windows to mechanical rooms are another type – black in color – Replace with vinyl energy star qualified fixed windows with simulated divided lites.
- Ex brick to remain. Repoint unpainted brick: 2% Paint previously painted brick.
- Repair slate roof. Alternate to replace with asphalt shingles. VH Waiver required? Need an inspector on roof to determine scope. For pricing, match other Alpha phase buildings. Budget currently is \$1500 per address.
- Check into Roof Maxx product.
- Replace flat roof with TPO.
- Replace 5% of damaged roof sheathing per project. Carry an allowance per building.
- Ex gutters and downspouts to remain. (VH - 10 years or less at start of reno, must be seamless, will need to prove) include no repairs. Provide add-alternate pricing.
- Repair & Paint Building Entry Doors and frames (historic). Believe Lead is present. Consider stripping doors. VH Waiver required? Strip doors and provide new kick plates and corner guards.
- ETR door hardware – no controlled access, and JL is okay with it.
- Paint ex metal railings. 10-year warranty on finish.
- Paint steel window lintels. 10-year warranty on finish. Discussed and confirmed on 1/24/24
- Ex address plaques to remain.
- Wash building exterior – low to medium pressure per historic requirements.
- Existing shutters to remain – paint. Appear to be plastic in photos. MA will ask Stevie.
- Existing wood fascia, trim, moldings to be painted. Request waiver from VH to exempt from cladding with sheet metal or replacing.
- Replace row of brick between sill and PTAC. Infill brick where PTAC is removed. Price herringbone pattern.

Common Stair Scope

- Clean stair treads / risers. Discussed and confirmed on 1/24/24
- ETR stair landing flooring – clean. (MA to review repairs in future)
- Mailboxes to be removed. Provide cluster boxes outside.
- Paint walls, doors, trim and ceilings, stairs, railings, etc. (everything)

Throughout unit

- Repair gypsum board to provide level 4 finish. GC responsible for determining scope/cost.
- Paint entire unit, including walls, doors, trim and ceilings.
- Repair and paint wood wall base.
- Replace horizontal window blinds with 1" vinyl.
- Overlay wood floor with LVT and underlayment at upper levels, remove wood floors and provide LVT at all basement units and UFAS units. Prep with ~~Ardex~~. Discussed. JL would like to leave as much of

wood floors in place in basement units. JL indicated that they do not plan to replace sub-slab plumbing unless sewer scoping dictates.

- Air seal. – determine requirements. Following NGBS Silver.
- Replace damaged doors per matrix. Cannibalize a few units for doors and provide new doors in those units. – Provide full louvered solid wood doors for mechanical and laundry closets.
- Replace interior door hardware. Hinges are painted, just knobs, and strikes. Bumper stops on wall.
- Replace unit entry door hardware. Replace unit entry doors with painted insulated steel doors. Provide deadbolt and dummy locks, lever handle/knocker, viewer. Provide weather-stripping.

Kitchens

- Provide and install new appliances: refrigerator, range, microwave/hood combo, and dishwasher. (Note that VH does not require a backsplash at range unless against a side wall)
- Provide Garbage disposal.
- Provide and install new kitchen cabinets and p-lam countertops. 36" wall cabinets with bulkhead above.
- Provide washer and condensing (ventless) dryer appliances in new closet.
- Provide pass-thru or otherwise open kitchen to Living/Dining. SD Set shows suggested modifications, if any, to open up kitchens.

Bathrooms

- Replace bathroom vanity and cultured marble top with integral sink.
- Replace bathroom accessories, vanity, mirror, towel bar, shower curtain rod, medicine cabinet, robe hook, and towel ring.
- Existing bathtubs to remain; 100% refinish. New acrylic tub surround.
- Existing tile floor to remain. Remove radiators and patch floor in-kind. GC will price as a grout patch.

Existing tile wainscot to remain – deep clean and repair.

Bedrooms

- See work "throughout unit."

Closets

- Finishes and scope of work to match adjacent room.
- Existing shelving to remain. Replace per matrix. Use 5% for pricing.

Accessible units

- Reconfigure 2 1-bedroom units to meet current accessibility standards.
- Provide entry canopy with standing seam metal roof, wall sconce, address plaque and new entry door for each unit. Entry door requires a new masonry wall opening.

Basements

- Complete removal of flooring for installation of new sub-slab piping required. Discussed. JL would like to leave as much of wood floors in place in basement units. JL indicated that they do not plan to replace sub-slab plumbing unless sewer scoping dictates.
- Full demolition of drywall on exteriors. Insulate exterior to R-19. Discussed. JL prefers to leave existing wall finish in-place. Must consider NGBS requirements, waterproofing/repairs, and providing cavities for new electrical.
- Install waterproofing at below-grade occupied spaces with water damage.
 - Prefer waterproofing via filling blocks with waterproofing, all units that are partially underground.
 - JL has a waterproofing consultant that will help develop the scope of waterproofing.

Attic scope of work:

- Remove attic insulation, air seal, and provide R-38 blown-in. (NGBS Silver on another phase – Owner will provide alpha list)
- Replace attic hatches (pitched roofs) (one per stairwell)

- Replace roof hatch at Flat roofs (find out where they exist currently)

Mechanical

- Remove PTACs and Radiators and provide standard split systems.
- Locate condensers on concrete pads in groups. Plan B would be bracketed on back side of walls.
 - Condensers located on flat roofs where available.
 - Cages are not required for Condensers.
- Provide all new ductwork and grills. Ductwork will run in bulkheads below existing floor-ceiling assembly.
- Provide New programmable thermostats.
- Provide bath fans per VH MDCR. New wall penetrations may be required. Buildings do not have existing vents on front facades.
- Provide dehumidifiers. Price as an alternate (HIEE funding)
- Provide kitchen exhaust ventilation. JL indicated that hood should vent to exterior. New wall penetrations may be required. Buildings do not have existing vents on front facades.

Electrical:

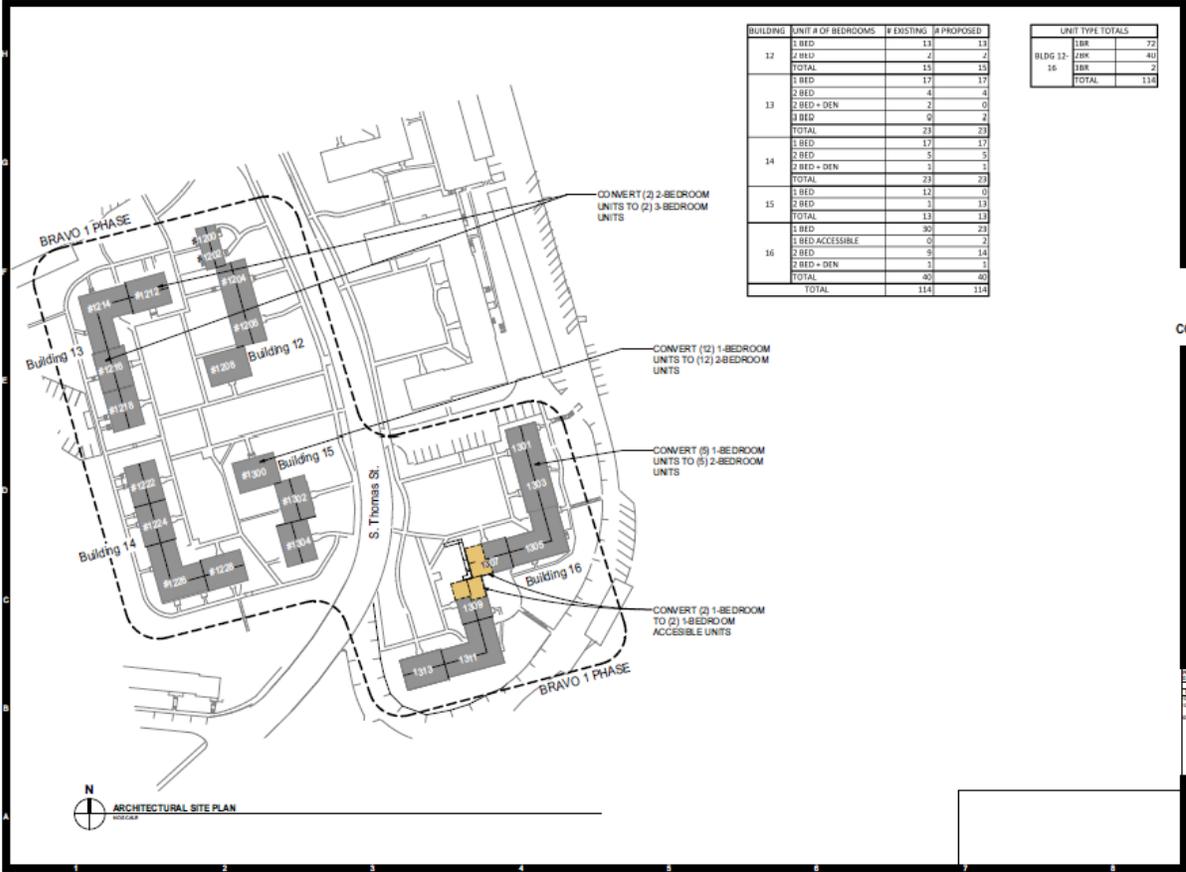
- Upgrade electrical service. New service from private to dominion provided. Primary and secondary duct banks – see Richter plans. Some places may need to be spliced and reconnect for buildings downstream. Primary conduits need to be provided by GC to transformers. Concrete duct bank from secondary into electrical room, then pull feeders. Richter is working on [it](#) but Reid will provide guidance on [number](#).
- Provide new electric meters by Dominion. Coordinate location of electrical room for meters inside each building.
- Replace entire electrical system, including wiring, light fixtures, wiring, outlets, switches, load center. Owner will provide allowance for light fixtures.
- Provide interconnected smoke detectors. No CO detectors needed - all electric.
- Provide doorbells at HVI units. – Standard is peephole and door knocker on standard units.
- Provide media cabinet in each unit. – TBD providers – comcast and Verizon are in area. Ask Richter.
- Provide additional equipment in (3) 2% of units for Hearing & Vision Impaired one of each unit.
- Bollard/Path lighting for accessible route/where required by VH/code.
- USB in every bedroom and in kitchen.
- No ceiling fans.
- No undercabinet lighting.
- One cable hookup per living room and one per bedroom.
- Provide House panel per building for site lighting or non/resident loads.

Plumbing:

- Replace all water, vent, and sewer piping throughout, including sub-slab piping.
- Abandon gas service.
- Replace all plumbing fixtures. Include disposal and provide water connection for refrigerator.
- Replace water heaters. Disconnect from boiler plant in building 11 (different phase) abandon pipes connecting buildings.
- Provide VH required washer box.
- Provide Hose bibb – one per building. Frost proof.
- No individual unit water metering. It's included in the rent.

Abatement

JL will provide abatement scope.



BUILDING	UNIT # OF BEDROOMS	# EXISTING	# PROPOSED
12	1 BED	13	13
	2 BED	2	2
	TOTAL	15	15
13	1 BED	17	17
	2 BED	4	4
	2 BED + DEN	2	0
	3 BED	0	4
TOTAL	23	23	
14	1 BED	17	17
	2 BED	5	5
	2 BED + DEN	3	1
	TOTAL	23	23
15	1 BED	12	0
	2 BED	1	13
	TOTAL	13	13
	1 BED	0	2
16	1 BED ACCESSIBLE	0	2
	2 BED	9	14
	2 BED + DEN	1	1
	TOTAL	10	17
TOTAL		114	114

UNIT TYPE TOTALS		
BLDG 12	1BR	72
16	1BR	40
	2BR	2
TOTAL		114

MOSELEY ARCHITECTS
 1000 N. 10TH ST., SUITE 100
 ARLINGTON, VA 22201
 TEL: 703.241.1111
 WWW.MOSELEYARCHITECTS.COM

PROGRESS
 PRINT NOT
 FOR
 CONSTRUCTION

Barcroft - Phase 3
 SECTION RB-1
 Jarr Lynch Real Estate Partners
 S. Taylor St., Arlington, VA

NO.	DATE	DESCRIPTION
1	08/14/2018	ISSUED FOR PERMIT
2	08/14/2018	ISSUED FOR PERMIT
3	08/14/2018	ISSUED FOR PERMIT
4	08/14/2018	ISSUED FOR PERMIT
5	08/14/2018	ISSUED FOR PERMIT
6	08/14/2018	ISSUED FOR PERMIT
7	08/14/2018	ISSUED FOR PERMIT
8	08/14/2018	ISSUED FOR PERMIT
9	08/14/2018	ISSUED FOR PERMIT
10	08/14/2018	ISSUED FOR PERMIT
11	08/14/2018	ISSUED FOR PERMIT
12	08/14/2018	ISSUED FOR PERMIT
13	08/14/2018	ISSUED FOR PERMIT
14	08/14/2018	ISSUED FOR PERMIT
15	08/14/2018	ISSUED FOR PERMIT
16	08/14/2018	ISSUED FOR PERMIT
17	08/14/2018	ISSUED FOR PERMIT
18	08/14/2018	ISSUED FOR PERMIT
19	08/14/2018	ISSUED FOR PERMIT
20	08/14/2018	ISSUED FOR PERMIT
21	08/14/2018	ISSUED FOR PERMIT
22	08/14/2018	ISSUED FOR PERMIT
23	08/14/2018	ISSUED FOR PERMIT
24	08/14/2018	ISSUED FOR PERMIT
25	08/14/2018	ISSUED FOR PERMIT
26	08/14/2018	ISSUED FOR PERMIT
27	08/14/2018	ISSUED FOR PERMIT
28	08/14/2018	ISSUED FOR PERMIT
29	08/14/2018	ISSUED FOR PERMIT
30	08/14/2018	ISSUED FOR PERMIT
31	08/14/2018	ISSUED FOR PERMIT
32	08/14/2018	ISSUED FOR PERMIT
33	08/14/2018	ISSUED FOR PERMIT
34	08/14/2018	ISSUED FOR PERMIT
35	08/14/2018	ISSUED FOR PERMIT
36	08/14/2018	ISSUED FOR PERMIT
37	08/14/2018	ISSUED FOR PERMIT
38	08/14/2018	ISSUED FOR PERMIT
39	08/14/2018	ISSUED FOR PERMIT
40	08/14/2018	ISSUED FOR PERMIT
41	08/14/2018	ISSUED FOR PERMIT
42	08/14/2018	ISSUED FOR PERMIT
43	08/14/2018	ISSUED FOR PERMIT
44	08/14/2018	ISSUED FOR PERMIT
45	08/14/2018	ISSUED FOR PERMIT
46	08/14/2018	ISSUED FOR PERMIT
47	08/14/2018	ISSUED FOR PERMIT
48	08/14/2018	ISSUED FOR PERMIT
49	08/14/2018	ISSUED FOR PERMIT
50	08/14/2018	ISSUED FOR PERMIT

ARCHITECTURAL
 KEY PLAN & UNIT
 MATRIX

Virginia Housing | Housing Choice Voucher Program

Allowances for
Tenant-Furnished Utilities
and Other Services

Family Name: _____
Unit Address: _____

Voucher Size*: _____ Unit Bedroom Size*: _____

**Use smaller size to calculate tenant-supplied utilities and appliances.*

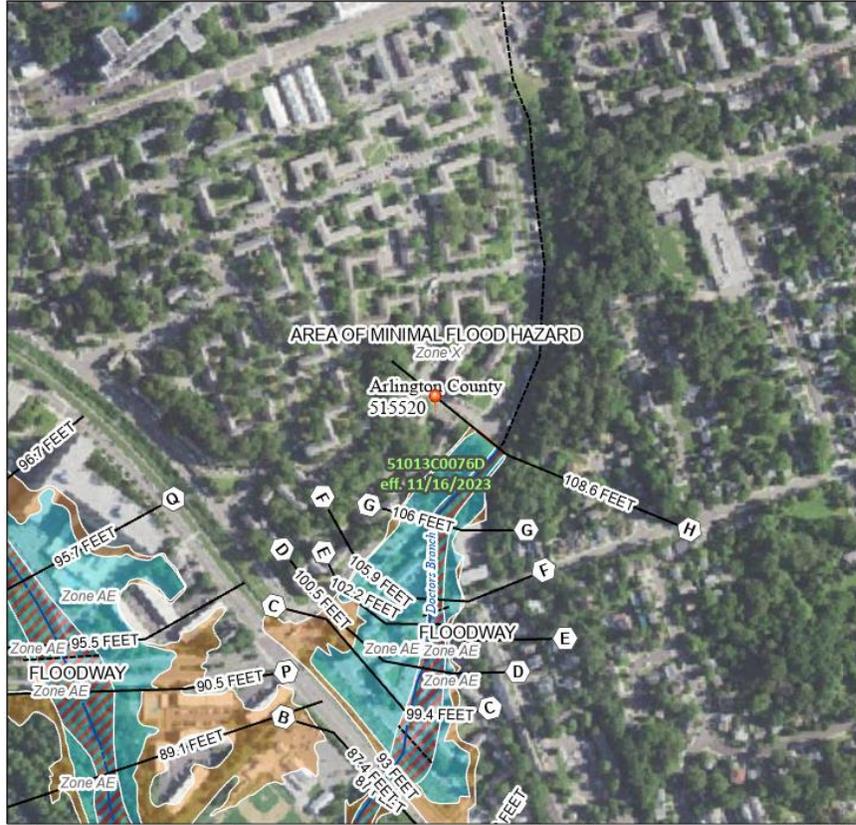
		Unit Type: 4 Exposed Walls				Effective Date: 07/01/2023			
Utility	Usage	Monthly Dollar Amount							
		0 BR	1 BR	2BR	3BR	4BR	5 BR	6 BR	7BR
Appliance	Range/Microwave	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00	\$2.00
	Refrigerator	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00	\$3.00
Bottled Gas	Cooking	\$11.00	\$15.00	\$20.00	\$24.00	\$31.00	\$35.00	\$40.00	\$44.00
	Home Heating	\$81.00	\$113.00	\$144.00	\$177.00	\$224.00	\$258.00	\$290.00	\$321.00
	Water Heating	\$27.00	\$37.00	\$48.00	\$58.00	\$74.00	\$85.00	\$95.00	\$106.00
Electricity	Cooking	\$4.00	\$5.00	\$6.00	\$8.00	\$10.00	\$11.00	\$13.00	\$14.00
	Cooling (A/C)	\$9.00	\$14.00	\$17.00	\$21.00	\$26.00	\$29.00	\$33.00	\$37.00
	Home Heating	\$33.00	\$46.00	\$59.00	\$72.00	\$91.00	\$104.00	\$116.00	\$130.00
	Other Electric	\$14.00	\$20.00	\$25.00	\$31.00	\$39.00	\$45.00	\$50.00	\$56.00
	Water Heating	\$13.00	\$18.00	\$23.00	\$28.00	\$35.00	\$40.00	\$45.00	\$50.00
Natural Gas	Cooking	\$2.00	\$2.00	\$3.00	\$3.00	\$4.00	\$5.00	\$5.00	\$6.00
	Home Heating	\$12.00	\$17.00	\$22.00	\$26.00	\$33.00	\$38.00	\$43.00	\$48.00
	Water Heating	\$4.00	\$6.00	\$7.00	\$9.00	\$11.00	\$13.00	\$14.00	\$16.00
Oil	Home Heating	\$74.00	\$102.00	\$131.00	\$161.00	\$205.00	\$235.00	\$263.00	\$292.00
	Water Heating	\$24.00	\$33.00	\$42.00	\$52.00	\$66.00	\$75.00	\$85.00	\$94.00
Sewer	Other	\$21.00	\$29.00	\$38.00	\$46.00	\$59.00	\$67.00	\$76.00	\$84.00
Trash Collection	Other	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
Water	Other	\$18.00	\$25.00	\$32.00	\$40.00	\$50.00	\$58.00	\$65.00	\$72.00
UTILITY ALLOWANCE TOTAL:		\$	\$	\$	\$	\$	\$	\$	\$

ADDENDUM E – FLOOD DATA

National Flood Hazard Layer FIRMMette



77°52'4"W 38°51'31"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual chance Flood Hazard. Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes, Zone X
		Area with Flood Risk due to Levee Zone 0
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone 0
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance
		17.8 Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
OTHER FEATURES		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped

The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/27/2024 at 12:03 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

APPENDIX F – EXPERIENCE AND QUALIFICATIONS

Janice F. Gill, MAI
512 North One Mile Road
P.O. Box 784
Dexter, Missouri 63841
573-624-6614 (phone)
573-624-2942 (fax)

OVERVIEW

Extensive multifamily experience specializing in work for the Department of Housing and Urban Development (HUD) as well as lenders and developers through the Low-Income Housing Tax Credit (LIHTC) program. Also, many years of experience with nursing homes and typical commercial appraisals.

ACCREDITATIONS

MAI Designated Member of the Appraisal Institute

State Certified General Real Estate Appraiser

Missouri State License Number: 2002024410
Virginia State License Number: 4001016982
Maryland State License Number: 32198

Also regularly receives temporary licenses in the following states: Colorado, Florida, Hawaii, Minnesota, Oklahoma and Texas.

EDUCATION

Bachelor of Science Degree

Southeast Missouri State University

Associate of Arts Degree

Three Rivers Community College

Professional Standards of Practice

National Association of Independent Fee Appraisers

Introductions to Income Properties

National Association of Independent Fee Appraisers

Concepts, Terminology & Techniques

National Association of Independent Fee Appraisers

Financial Analysis of Income Properties

National Association of Independent Fee Appraisers

1.4B Report Writing-Non Residential Real Estate Appraising

National Association of Independent Fee Appraisers

Principles of Residential Real Estate Appraising

National Association of Independent Fee Appraisers

1.4A Report Writing-Residential Real Estate Appraising

National Association of Independent Fee Appraisers

Economics I

Three Rivers Community College

1.4A Report Writing Non-Residential Real Estate Appraising

National Association of Independent Fee Appraisers

Advanced Highest & Best Use and Market Analysis

Appraisal Institute

Advanced Sales Comparison & Cost Approaches

Appraisal Institute

Advanced Income Capitalization

Appraisal Institute

Report Writing & Valuation Analysis

Appraisal Institute

National USPA Update

McKissock

**EXPERIENCE
(1991 TO PRESENT)**

Primary provider of HUD Mark-to-Market Full Appraisals for mortgage restructuring and Mark-to-Market Lites for rent restructuring. Have worked with HUD in this capacity for several years.

Contract appraiser for Kentucky Housing Corporation for the eastern half of the State of Kentucky.

Provider of nursing home appraisals and hotel appraisals as well as typical commercial appraisals nationwide.

Provider of HUD Rent Comparability Studies for contract renewal purposes nationwide.

Partial list of clients include: Boston Capital, Colorado Housing Finance Agency, CreditVest, Inc., Foley & Judell, LLP, Kentucky Housing Corporation, Kitsap County Consolidated Housing Authority, Louisiana Housing Finance Agency, Missouri Housing Development Agency, New Mexico Mortgage Finance Authority, Ontra, Inc., Quadel Consulting Corporation, Reznick Group, Siegel Group, Signet Partners and Wachovia Securities.

Samuel T. Gill
512 North One Mile Road
P. O. Box 784
Dexter, Missouri 63841
573-624-6614 (phone)
573-624-2942 (fax)
to dd.gill@gillgroup.com

OVERVIEW

Extensive multifamily experience over the past 25 years specializing in work for the Department of Housing and Urban Development (HUD), United States Department of Agriculture/Rural Development (USDA/RD) as well as lenders and developers through the Low-Income Housing Tax Credit (LIHTC) program including but not limited to, Section 8, Section 202, Section 236, Section 515 and Section 538 Programs. Additionally, extensive experience since inception of the Multifamily Accelerated Processing (MAP) Program of Sections 202/223(f), 232/223(f), 221(d)3, 221(d)4 and 223(f). Also, more than 20 years of experience with nursing homes, hotels and complicated commercial appraisal assignments.

ACCREDITATIONS

State Certified General Real Estate Appraiser

Alabama State License Number: G00548
Arizona State License Number: 31453
Colorado State License Number: CG40024048
Connecticut State License Number: RCG.0001276
District of Columbia License Number: GA11630
Georgia State License Number: 258907
Hawaii State License Number: CG A1096
Idaho State License Number: CGA-3101
Illinois State License Number: 153.0001384
Indiana State License Number: CG40200270
Iowa State License Number: CG02426
Kansas State License Number: G-1783
Louisiana State License Number: G1126
Maine State License Number: CG3635
Maryland State License Number: 32017
Michigan State License Number: 1201068069
Minnesota State License Number: 40186198
Mississippi State License Number: GA-624
Missouri State License Number: RA002563
Montana State License Number: REA-RAG-LIC-8530
Nebraska State License Number: CG2000046R
New York State License Number: 46000039864
North Carolina State License Number: A5519
North Dakota State License Number: CG-2601
Ohio State License Number: 448306
Oklahoma State License Number: 12524CGA
Oregon State License Number: C000793
Pennsylvania State License Number: GA001813R
South Carolina State License Number: 3976
Tennessee State License Number: 00003478
Texas State License Number: 1329698-G
Utah State License Number: 5510040-CG00
Virginia State License Number: 4001 015446
Washington State License Number: 1101018
West Virginia State License Number: CG358
Wisconsin State License Number: 1078-10
Wyoming State License Number: 479

Also received temporary licenses in the following states: Arkansas, California, Delaware, Florida, Kentucky, Massachusetts, Nevada, New Hampshire, New Jersey, New Mexico, Puerto Rico, Rhode Island, South Dakota, the U.S. Virgin Islands and Vermont.

**EXPERIENCE
(1991 TO PRESENT)**

Primary provider of HUD Mark-to-Market Full Appraisals for mortgage restructuring and Mark-to-Market Lites for rent restructuring and has worked with HUD in this capacity since inception. Completed approximately 350 appraisal assignments under this program.

Provider of HUD MAP and TAP appraisals and market studies for multiple lenders since its inception. Completed approximately 350 appraisal assignments under this program.

Contract MAP quality control reviewer and field inspector for CohnReznick and HUD. Have completed approximately 350 reviews under this program. Have completed approximately 100 field inspections under this program.

Currently approved state reviewer for HUD Rent Comparability Studies for Section 8 Renewals in Alabama, California, Connecticut, Florida, Hawaii, Illinois, Indiana, Iowa, Kansas, Louisiana, Minnesota, Nebraska, New Mexico, North Carolina, Oregon, Utah, Virgin Islands, Virginia, Washington, West Virginia and Wisconsin. Completed approximately 500 reviews under this program.

Provider of HUD Rent Comparability Studies for contract renewal purposes nationwide. Completed approximately 400 rent comparability studies.

Provider of tax credit financing analysis and value of financing analysis. Completed approximately 300 appraisal assignments and market studies under this program.

Provider of multifamily appraisals under the RD 515 and 538 programs. Completed approximately 200 appraisal assignments under these programs.

Partial list of clients include: Colorado Housing Finance Agency, CreditVest, Inc., Foley & Judell, LLP, Kentucky Housing Corporation, Kitsap County Consolidated Housing Authority, Louisiana Housing Finance Agency, Missouri Housing Development Agency, New Mexico Mortgage Finance Authority, Ontra, Inc., Quadel Consulting Corporation, CohnReznick, L.L.P., Group, Siegel Group, Signet Partners and Wachovia Securities.

**DEVELOPMENT/OWNER SHIP/
MANAGEMENT EXPERIENCE
(2006 TO PRESENT)**

For the past 10 years, he has owned three separate companies that develop, own and manage commercial, multifamily, residential, agricultural and vacant land properties.

In his portfolio are over 100,000 square feet of commercial space, over 1,000 units of multifamily, 200 acres of farmland, and 10 parcels of developable commercial and multifamily lots, all in the Midwest.

EDUCATION

Bachelor of Arts Degree

Southeast Missouri State University

Associate of Arts Degree

Three Rivers Community College

HUD/FHA Appraiser Training

Arkansas State Office

Multifamily Accelerated Processing Valuation (MAP)

U.S. Department of Housing and Urban Development

2nd Annual Multifamily Accelerated Processing Basic and Advanced Valuation (MAP)

U.S. Department of Housing and Urban Development

FHA Appraising Today

McKissock, Inc.

Texas USDA Rural Development Multifamily Housing Appraiser Training

Texas Rural Development

Kentucky USDA Rural Development Multifamily Housing Appraiser Training

Kentucky Rural Development

Financial Analysis of Income Properties

National Association of Independent Fee Appraisers

Income Capitalization

McKissock, Inc.

Introduction to Income Property Appraising

National Association of Independent Fee Appraisers

Concepts, Terminology & Techniques

National Association of Independent Fee Appraisers

Uniform Standards of Professional Appraisal Practice

Central Missouri State University

Appraisal of Scenic, Recreational and Forest Properties

University of Missouri-Columbia

Appraiser Liability

McKissock, Inc.

Appraisal Trends

McKissock, Inc.

Sales Comparison Approach

Honors College

Even Odder: More Oddball Appraisals

McKissock, Inc.

Mortgage Fraud: A Dangerous Business

Honors College

Private Appraisal Assignments

McKissock, Inc.

Construction Details & Trends

McKissock, Inc.

Condemnation Appraising Principles & Applications

Appraisal Institute

Michigan Law

McKissock, Inc.

Pennsylvania State Mandated Law

McKissock, Inc.

Valuing Real Estate in a Changing Market

National Association of Independent Fee Appraisers

Principles of Residential Real Estate Appraising

National Association of Independent Fee Appraisers

Real Estate Appraisal Methods

Southeast Missouri State University

Lead Inspector Training

The University of Kansas

Lead Inspector Refresher

Safety Support Services, Incorporated

Home Inspections: Common Defects in Homes

National Association of Independent Fee Appraisers

Heating and Air Conditioning Review

National Association of Independent Fee Appraisers

Professional Standards of Practice

National Association of Independent Fee Appraisers

Developing & Growing an Appraisal Practice – Virtual Classroom

McKissock, Inc.

The Appraiser as Expert Witness

McKissock, Inc.

Current Issues in Appraising

McKissock, Inc.

2011 ValExpo: Keynote-Valuation Visionaries

Van Education Center/Real Estate

Residential Report Writing

McKissock, Inc.

The Dirty Dozen

McKissock, Inc.

Risky Business: Ways to Minimize Your Liability

McKissock, Inc.

Introduction to Legal Descriptions

McKissock, Inc.

Introduction to the Uniform Appraisal Dataset

McKissock, Inc.

Mold Pollution and the Appraiser

McKissock, Inc.

Appraising Apartments: The Basics

McKissock, Inc.

Foundations in Sustainability: Greening the Real Estate and Appraisal Industries

McKissock, Inc.

Mortgage Fraud

McKissock, Inc.

The Nuts and Bolts of Green Building for Appraisers

McKissock, Inc.

The Cost Approach

McKissock, Inc.

Pennsylvania State Mandated Law for Appraisers

McKissock, Inc.

Michigan Appraisal Law

McKissock, Inc.

Modern Green Building Concepts

McKissock, Inc.

Residential Appraisal Review

McKissock, Inc.

Residential Report Writing More Than Forms

McKissock, Inc.

2-4 Family Finesse

McKissock, Inc.

Appraisal Applications of Regression Analysis

McKissock, Inc.

Appraisal of Self-Storage Facilities

McKissock, Inc.

Supervisor-Trainee Course for Missouri

McKissock, Inc.

The Thermal Shell

McKissock, Inc.

Even Odder - More Oddball Appraisals

McKissock, Inc.

Online Data Verification Methods

Appraisal Institute

Online Comparative Analysis

Appraisal Institute

Advanced Hotel Appraising - Full Service Hotels

McKissock, Inc.

Appraisal of Fast Food Facilities

McKissock, Inc.

Appraisal Review for Commercial Appraisers

McKissock, Inc.

Exploring Appraiser Liability

McKissock, Inc.