# **Market Study of**

# **English Oaks Senior Apartments**

11 Darlington Way Fredericksburg, VA 22406

Effective Date: December 17, 2024

Report Date: January 7, 2025

Perica Bell

**April Housing LLC** 

777 S. Figueroa St., 16th Floor Los Angeles, CA 90017

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January 7, 2025

Perica Bell April Housing LLC 777 S. Figueroa St., 16th Floor Los Angeles, CA 90017

Re: Market Study of English Oaks Senior Apartments

11 Darlington Way

Fredericksburg, VA 22406

Dear Ms. Bell:

At your request, we performed a study of the rental market relative to the above affordable housing development.

The purpose of this market study is to assess the viability of the English Oaks Senior Apartments (Subject), which consists of 119 one and two-bedroom units, located at 11 Darlington Way, Fredericksburg, Stafford County, Virginia. All of the units are Low-Income Housing Tax Credit (LIHTC)-restricted to senior households (55+) with income levels at or below the 60 percent Area Median Income (AMI) level. The property was inspected on December 17, 2024, which is also the effective date of this report.

The intended users of this report include April Housing LLC and assigns. Additional intended users include Virginia Housing Development Authority (VHDA) and any other funding agencies, partnerships formed, and/or lenders.

The following report provides support for the findings of the study and outlines the sources of information and the methodologies used to arrive at these conclusions. This report incorporates the LIHTC rent and income restrictions. The scope of this report meets the requirements of the Virginia Housing Development Authority, or other agencies as designated, including the following:

- Inspecting the site of the proposed Subject and the general location.
- Establishing the Subject Primary Market Area.
- Demographic analysis of the number of income eligible households in the market area, which are income eligible and can afford to pay the rent.
- Investigating the health and conditions of the multifamily market.
- Calculating income bands, given the proposed Subject rents.
- Reviewing relevant public records and contacting appropriate public agencies.
- Analyzing the economic and social conditions in the market area in relation to the proposed project. Surveying competing projects, both LIHTC and market rate with description of rent levels and vacancy rates with analysis of available turnover rates.
- Expected market absorption of the proposed rental housing, including a description of the effect on the market area.

This engagement was conducted in accordance with the Code of Professional Ethics and Standards of Valuation Practice of the Appraisal Institute. The depth of discussion contained in the report is specific to the needs of the client, specifically the requirements of Virginia Housing Development Authority pursuant to current market study requirements.

This market study has been prepared by Kinetic Valuation 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 for Affordable Housing Projects and Model Content Standards for the Content of Market Studies for Affordable Housing Projects. These Standards are designed to enhance the quality of market studies and to make them easier to understand and use. These Standards are voluntary only, and the National Council of Housing Market Analysts assumes no legal responsibility regarding their use.

Kinetic Valuation Group, Inc. is duly qualified and experienced in providing market analysis for Affordable Housing. The company's principals participate in NCHMA educational and information sharing programs to maintain the highest professional standards and state-of-the-art knowledge. Kinetic Valuation Group, Inc. is an independent market analyst. No principal or employee of Kinetic Valuation Group, Inc. has any financial interest whatsoever in the development for which this analysis has been undertaken. While the document specifies Kinetic Valuation Group, Inc., the certification is always signed by the individual completing the study and attesting to the certification.

Please do not hesitate to contact us if there are any questions regarding the report or if we can be of further assistance. It has been the pleasure to assist you with this project.

Respectfully submitted,

KINETIC VALUATION GROUP, INC.

lay A Wortman

Jay Wortmann, MAI

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ADDENDA



# EXECUTIVE SUMMARY AND CONCLUSIONS

# **Description of Site and Adjacent Parcels**

- English Oaks Senior Apartments (Subject) is the proposed renovation of an existing apartment complex that currently has all units Low-Income Housing Tax Credit (LIHTC)-restricted to senior households (55+) with income levels at or below the 60 percent Area Median Income (AMI) level. The site area is 16.00 acres and is located within Census Tract 103.05.
- The Subject is located right outside the city limits of Fredericksburg. The surrounding land uses are in average condition. All major shopping, employment, and recreational amenities are located within reasonable proximity to the Subject. Access to groceries, healthcare, and retail are convenient. The renovation of the Subject, as proposed, will positively impact the neighborhood and the availability of affordable housing in Fredericksburg. The site and neighborhood are well suited for this type of housing.
- The PMA is comprised of 23.5 percent senior renter households. Demand for rental units in the PMA is expected to come from normal turnover and the limited supply of affordable properties in the area. The number of households is expected to increase in the PMA from 2024 through 2029. The demographics presented provide support that there is a stable renter population within the PMA. These factors support current and future demand for the Subject.
- The Subject's proposed rents are lower than the adjusted average market rents surveyed, allowing the Subject to maintain a tenant rent advantage.
- The demand analysis illustrates demand for the Subject based on capture rates of eligible income households. The Subject is currently 100 percent leased. The Annual Demand Estimate, assuming an 85 percent retention ratio, calculates an annual capture rate of 1.6 percent while the penetration rate is at 1.6 percent. Both rates appear reasonable, indicating the Subject would be quickly release any vacant units as a result of the renovation
- Access to the site is from the north side of Plantation Drive via Sheffield Street. Plantation
  Drive is a two lane road traversing northeast/southwest and provides access to Truslow Road
  to the north and access to Warrenton Road to the south. Warrenton Road is a six lane road
  traversing northwest/southeast and provides access to Interstate 95, which provides access to
  the city limits of Fredericksburg to the south and access to the Washington D.C. area further
  north, approximately 50 miles.
- The site has good visibility from the north side of Plantation Drive. Views to the north and west consist of vacant land. Views to the east and south consist of single family homes in average condition. Further west are views of England Run Townhomes (Comparable 1) in average condition and a middle school in average condition.



# **Location Map**

The map below illustrates the location of the Subject.



# **Project Summary**

The Subject's 119 units are LIHTC-restricted and designated to senior households (55+) with income levels at or below the 60 percent AMI level. The property consists of one and two-bedroom units. The Subject's proposed unit mix and unit breakdown are detailed in the following table.

Proposed Unit Mix, Size, Rents							
Unit Type	Number	Unit Size	Net Rents	Utility Allowance	Gross Rents	2024 Max Allowable LIHTC Rents	
	60% AMI						
1BR/1BA	23	738	\$1,560	\$34	\$1,594	\$1,740	
2BR/1BA	96	876	\$1,790	\$44	\$1,834	\$2,089	
Total	119						



#### Conclusions

The Subject will continue to provide good quality affordable senior housing in an area suitable for this development. The site is within close proximity of employment, retail, and related amenities. The Subject's unit mix, unit sizes, and unit amenities are competitive. Affordable units are in demand, as evidenced by the rental activity of comparable market and affordable properties.

The PMA includes a stable amount of employment options for area residents. Numerous businesses offering a range of positions and skill levels exist within close proximity to the Subject. The wage rates within the area demonstrate a significant pool of potential tenants exist for affordable housing developments.

The PMA is comprised of 23.5 percent senior renter households. The number of senior households is expected to increase in the PMA from 2024 through 2029. Demand for senior rental units in the PMA is expected to come from natural population growth and renter turnover. As the total senior population and number of senior households continue to grow, the demand for senior housing units will continue to increase. The demographics presented provide support that there is a stable senior renter population within the PMA and would typically support current and future demand for the Subject.

Other LIHTC developments located within the PMA are experiencing stable occupancy levels; therefore, we do not believe the proposed development will result in an increased vacancy rate among the comparables. It is a natural consequence of market balancing as new product comes online within market rate properties that some filtering will occur, and typically spurs developers of older market rate properties to improve condition/appeal of their properties to improve marketability. We do not anticipate negative impacts upon existing affordable housing developments within the area, however, we do anticipate some filtering in inferior market rate comparables will occur in the near term as the property comes online.

## **Market Feasibility**

- The number of senior households has increased steadily in the PMA. As the total senior
  population and number of senior households continue to increase, the demand for senior
  housing units will continue to increase. The demographics presented provide support that there
  is a stable senior renter population within the PMA. These factors support current and future
  demand for the Subject.
- Income levels have consistently risen in both the PMA and SMA. Comparable market rate and LIHTC properties in the Subject's PMA are experiencing good occupancy levels, a low instance of concessions, and waiting lists; therefore, we anticipate the Subject will perform well within the market. We anticipate the Subject will maintain at or near 100 percent occupancy.



• The Subject's annual capture rates for affordable units are illustrated in the table below. The Subject is 100 percent occupied, and this analysis incorporates an 85 percent retention rate.

Capture Rates				
Unit Type	Capture Rate			
All Units				
One-Bedroom Unit	0.8%			
Two-Bedroom Unit	2.1%			
Overall	1.6%			
Penetration Rate				
1.6%				

The Subject's annual capture rates for affordable units are low, demonstrating the demand for affordable housing within the PMA. This is a positive indicator and indicates that the Subject will serve an important need in the community for affordable housing.

#### **Recommendations and Modifications**

• None.

# **Strengths of Subject**

- The Subject will continue to provide affordable senior housing in an area suitable for this
  development. The site is located within a primarily residential neighborhood outside the city
  limits of Fredericksburg. All major shopping, transportation, and recreational amenities are
  located within a short distance of the Subject. Access to groceries, pharmacy and shopping is
  convenient.
- The Subject's unit mix and unit sizes are appropriate in the market. The Subject's proposed rents are below comparable market rents, providing a tenant rent advantage for low to moderate income households.

# Weaknesses of Subject

• There are no apparent weaknesses.



# PROJECT DESCRIPTION

Our description of the Subject is based upon information provided by the developer and our property inspection. We assume the information supplied is accurate.

**Site Description** 

Site Location: The Subject site is located at 11 Darlington Way,

Fredericksburg, Stafford County, VA. The Subject is identified as APN 45-119G. The site is located in Census

Tract 103.05.

**Existing Improvements:** The Subject consists of 24, one-story, buildings containing

119 one and two-bedroom units. The buildings were constructed in 2002 and consist of concrete slab foundations with wood framing, vinyl and brick siding, and pitched roofs with composite shingles. The site also contains a community room, exercise room, and laundry facility, as well as a beauty salon for tenants. The site is improved with 230 surface

parking spaces.

**Size:** The site contains 16.00 acres or 696,755 square feet.

**Topography:** The site topography is generally level at curb grade.

**Vegetation:** The site has landscaped vegetation.

**Proximity to Adverse** 

**Conditions:** At this time, we are unaware of any detrimental influences

that would impact on the value of the Subject.

Drainage: Appears adequate, however no specific tests were

performed.

**Soil and Subsoil Conditions:** We were not provided with soil surveys.

**Environmental:** We did not observe any obvious environmental hazards

during the site inspection. However, we are not experts

within this field.

**Access and Traffic Flow:** Access to the site is from the north side of Plantation Drive

via Sheffield Street. Plantation Drive is a two lane road traversing northeast/southwest and provides access to Truslow Road to the north and access to Warrenton Road to the south. Warrenton Road is a six lane road traversing northwest/southeast and provides access to Interstate 95, which provides access to the city limits of Fredericksburg to the south and access to the Washington D.C. area further

north, approximately 50 miles.



Visibility/Views Contiguous Land Use:

The site has good visibility from the north side of Plantation Drive. Views to the north and west consist of vacant land. Views to the east and south consist of single family homes in average condition. Further west are views of England Run Townhomes (Comparable 1) in average condition and a middle school in average condition.

**Zoning:** 

The Subject is zoned R3, Urban Residential - High Density. Density requirements are seven units per acre. The Subject site consists of 16.00 acres, which would allow for a maximum of 112 units. The site consists of 119 units. Multifamily parking requirements require 2.2 spaces per unit, or 261 parking spaces. The Subject provides 230 spaces, which appears adequate for a senior living development.

The site is encumbered by LURA until 2033, which restricts the land use to affordable housing.

Based on the information above, the Subject represents a legal conforming use due to the LURA. Zoning information was verified with the Stafford County Zoning Code.

Flood Plain:

According to the Flood Insights Map Number 51179C0201F, effective 06/21/2023, the Subject is located in Zone X. X Zones are also used to designate base floodplains of lesser hazards, such as areas protected by levees from 100 and 500-year flood, or shallow flooding areas with average depths of less than one foot or drainage areas less than one square mile.

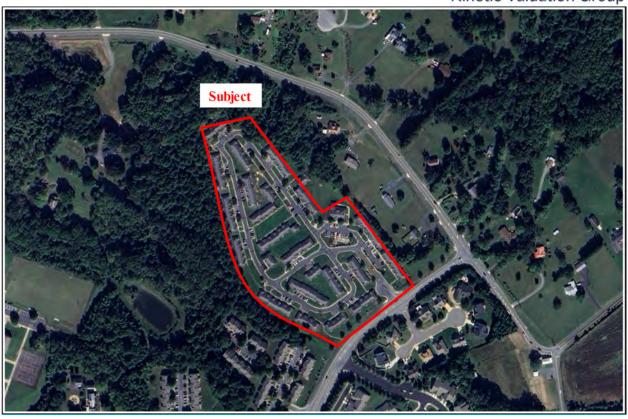
**Photographs:** 

Subject photos are included in the Addenda.

**Location Map:** 

The map below illustrates the location of the Subject.







# **Proposed Improvements Characteristics**

The Subject consists of 24, one-story, buildings containing 119 one and two-bedroom units. The buildings were constructed in 2002 and consist of concrete slab foundations with wood framing, vinyl and brick siding, and pitched roofs with composite shingles. The site also contains a community room, exercise room, and laundry facility, as well as a beauty salon for tenants. The site is improved with 230 surface parking spaces.

The Subject is planned for Low-Income Housing Tax Credit (LIHTC) renovation. Renovations will total approximately \$9,104,982 or \$76,500 per unit in hard costs and will renew and extend the physical and economic life of the improvements.

Following the proposed renovation, all units will continue to be LIHTC-restricted to households with income levels at or below the 60 percent AMI level. A renovation scope is included in the Addenda.

**Unit Mix:** 

All of the units are LIHTC-restricted to senior households (55+) with income levels at or below the 60 percent AMI level. The Subject's proposed unit mix and unit breakdown are detailed in the following tables.

Proposed Unit Mix, Size, Rents							
Unit Type	Number	Unit Size	Net Rents	Utility Allowance	Gross Rents	2024 Max Allowable LIHTC Rents	
	60% AMI						
1BR/1BA	23	738	\$1,560	\$34	\$1,594	\$1,740	
2BR/1BA	96	876	\$1,790	\$44	\$1,834	\$2,089	
Total 119							

Current Unit Mix, Rents, Occupancy:

The Subject will be a rehabilitation of an existing 119-unit apartment complex. All of the units are LIHTC-restricted to senior households (55+) with income levels at or below the 60 percent AMI level. At the time of inspection, the property was 100 percent leased and does not maintain a waiting list. The table below illustrates the current effective rents.

Current Unit Mix, Size, Rents							
Unit Type	Unit Type Number Unit Size Net Ren						
	60% AMI						
1BR/1BA	23	738	\$1,545				
2BR/2BA	96	876	\$1,670				
Total	119		_				



Target Population and Occupancy Type:

The Subject is a senior property targeting income-qualified senior households (55+) ranging in size from one to two persons. Based on the proposed unit mix, the annual income for income-eligible households will range from \$49,620 to \$74,280.

New Construction or Rehabilitation:

The Subject will be a rehabilitation of an existing 119-unit apartment complex.

**Date of Construction:** 

The Subject was constructed in 2002. The property is planned for renovation with an expected start date of December 2025 and expected completion date of April 2027.



# **Amenities Table:**

The Subject's amenities are detailed in the following table. Renovation will renew the interior units and exterior of the property. The Subject will be in good condition upon renovation.

Unit Amenities:		Property Amenities:	
Central Heat/Cool	<b>✓</b>	Community Room	$\checkmark$
Blinds	<b>✓</b>	Swimming Pool	
Carpet	<b>✓</b>	Spa/Jacuzzi	
Ceiling Fan		Exercise Room	<b>✓</b>
Skylight		Courtyard/Picnic Area	
Storage Closet		Playground	
Coat Closet	<b>✓</b>	Tennis Court	
Walk-In Closet	<b>✓</b>	Basketball Court	
Fireplace		Volleyball Court	
Patio/Balcony	✓	On-Site Manager	<b>✓</b>
·		Laundry Room	<b>√</b>
Appliances:		Computer Room	
11		Business Center	
Refrigerator	✓	Car Wash Area	
Stove/Oven	<b>✓</b>	Elevator ("Y"es or "N"o)	N
Dishwasher	✓	Additional Services - Beauty Salon	<b>√</b>
Garbage Disposal	✓	•	
Microwave			
Washer/Dryer			
Washer/Dryer Hook-up	✓		
Parking:		Security:	
Surface Parking	✓	Gated/Controlled Access/Intercom	
Carport		Courtesy Patrol	
Underground		Surveillance Cameras	
Detached Garage			
Attached Garage			
Tuck-under Garage			
Parking Garage			

Parking:

The Subject offers 230 surface parking spaces, which appears adequate for a senior living development.

**Site & Floor Plans** 

Site plans were provided by the developer and units were measured during an on-site inspection. Both have been included in the Addenda.



**Utility Structure:** 

Tenants at the Subject are responsible for electric utilities that include lights, air conditioning, and cooking. The landlord covers gas heating and hot water, as well as cold water, sewer, and trash expenses. The utility allowance is based on the current utility allowance in place for the Subject.

**Summary**:

The Subject will continue to provide affordable senior housing in an area suitable for this development. The site is located within a primarily residential neighborhood outside the city limits of Fredericksburg. The rehabilitation of the Subject, as proposed, will positively impact the neighborhood and the availability of affordable senior housing in Fredericksburg. The neighborhood is well suited for this type of housing.



# LOCAL AREA DESCRIPTION

# City/Region

Fredericksburg is an independent city in Virginia. As of the 2020 census, the population was 27,982 residents. The city is approximately 48 miles south of the Washington D.C. area and 50 miles north of Richmond. The city was a prominent port during the colonial era and was the site of major battles during the Civil War. Tourism is a major part of the Fredericksburg economy and approximately 1.5 million people visit the area every year.

Stafford County is located just north of the city limits of Fredericksburg. As of the 2020 census, the county had a population of 156,927 residents. Stafford County is located within the Washington-Arlington-Alexandria, DC-VA-MD-WV MSA and was the 24<sup>th</sup> highest income MSA in the United States as of the 2020 census.

The Washington-Arlington-Alexandria, DC-VA-MD-WV MSA, otherwise known as the National Capital Region or the DMV, is the metropolitan area anchored around Washington, D.C., the federal capital of the United States. As of the 2020 census, the DMV was the sixth most populous MSA in the United States with a population of 6,385,162 residents.

# **Transportation**

Highway: The following represent the major highways the provide access to Fredericksburg.

Interstate 95 (I-95) traverses roughly north/south along the eastern coast of the United States, running from U.S. Route 1 (US 1) in Miami, Florida, north to the Houlton–Woodstock Border Crossing between Maine and the Canadian province of New Brunswick. I-95 passes along the eastern edge of Fredericksburg, providing access to Alexandria and Washington, D.C. to the north and Richmond to the south.

U.S. Route 1 (US 1) is a major north/south U.S. Route that serves the East Coast of the United States. In the state of Virginia, US 1 runs north/south through South Hill, Petersburg, Richmond, Fredericksburg, and Alexandria on its way from North Carolina to the 14th Street bridges into the District of Columbia. US 1 passes through the center of Fredericksburg, providing access to Mount Vernon and Alexandria to the north and Richmond to the south.



Air:

Ronald Reagan Washington National Airport (DCA) is located in Crystal City, Virginia, five miles south of Washington D.C. DCA is the 24th-busiest airport in the United States, serving of 25.4 million passengers across 98 nonstop destinations in 2023. The airport serves as a hub for American Airlines, and provides flight services from seven other airlines: Air Canada, Alaskan, Delta, Frontier, JetBlue, Southwest, and United. The Subject is located approximately 52 miles southwest of DCA.

Washington Dulles International Airport (IAD) is an international airport in Loudoun and Fairfax Countis in Northern Virginia, 26 miles west of downtown Washington, D.C. IAD is 28th-busiest airport in the United States, serving 25.1 million passengers across 155 nonstop domestic and international destinations. The airport services as a hub for United Airlines and provides flight services from 42 other airlines from across the world. The Subject is located approximately 64 miles south of IAD.

## **Public Transportation**

Fredericksburg Regional Transit (FXBGO!) provides public transit services in the City of Fredericksburg and the counties of Spotsylvania and Stafford. Fares range from \$0.60 for reduced one way fares to \$1.25 for a standard fare. The nearest bus stop to the Subject is located on site at the corner of Plantation Drive and Sheffield Street.

The East Coast's primary north-south rail line bisects Stafford. Freight services are provided by CSX Transportation. Commuter rail and passenger rail services are available through the Virginia Railway Express (VRE) and Amtrak. The Amtrak station is located within the city limits of Fredericksburg and the Virginia Railway Express is located in the city limits of Stafford.

#### Healthcare

Mary Washington Hospital is a 471-bed regional medical center with a designated Level II trauma center, Primary Stroke Center, and Level III NICU. It is located approximately 3.91 miles from the Subject.

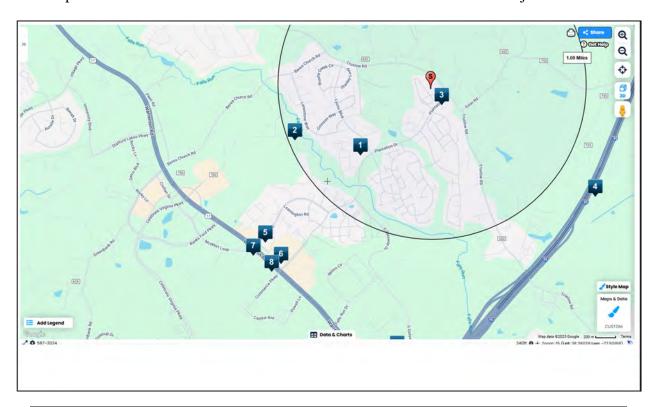
#### **Senior Center**

The Dorothy Hart Community Center is home of the parks, recreation, and events department and is where many programs are held. The center holds preschool, youth, and homeschool programs. The center also offers spring and summer break camps, as well as various adult programs including crafts, cooking, ballroom dancing, dog training, and painting. Senior programs include trivia, games, and gardening. Adult group fitness classes are also available to residents. The center is located 4.24 miles from the Subject.



# **Locational Amenities & Map - Fredericksburg**

The map and table below illustrate the location amenities in relation to the Subject site.

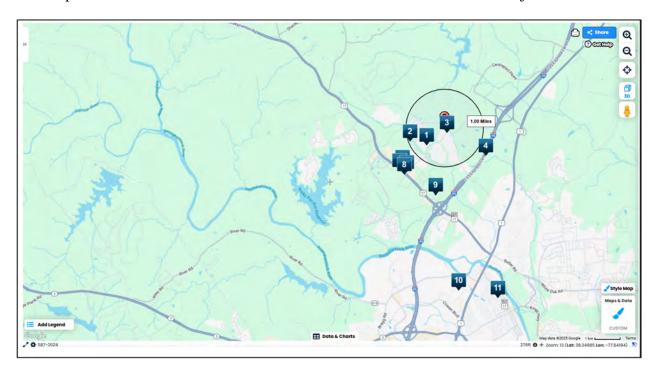


Distance From Local Services							
Map#	Name	Service	Distance				
1	Central Rappahannock Regional Library Howell Branch	Library	0.61 miles				
2	South Ridge Church	Church	0.89 miles				
3	Bus Stop	Transportation	Adjacent				
4	Chichester Park	Recreation	1.19 miles				
5	United States Postal Office	Mail	1.37 miles				
6	Truist Bank	Financial	1.39 miles				
7	CVS	Pharmacy	1.48 miles				
8	Royal Farms	Gas Station	1.49 miles				
9	Target	Grocery Store	1.61 miles				
10	Mary Washington Hospital Emergency Room	Hospital	3.91 miles				
11	Dorothy Hart Community Center	Senior Center	4.24 miles				



# **Locational Amenities & Map - Overview**

The map and table below illustrate the location amenities in relation to the Subject site.



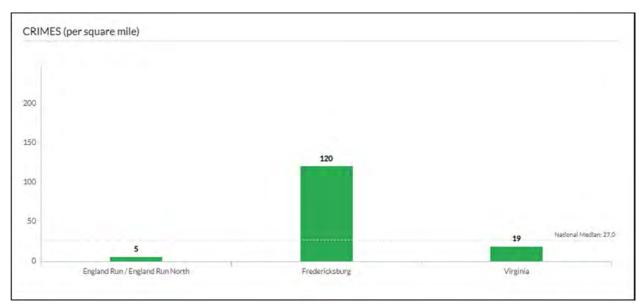
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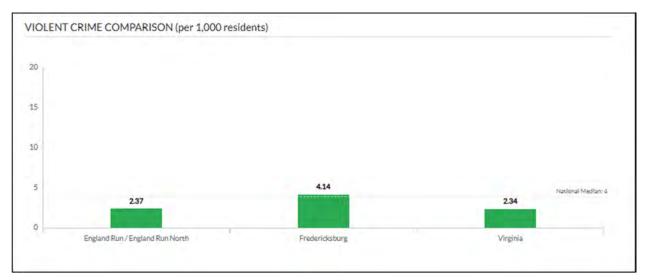


# **Crime Statistics**

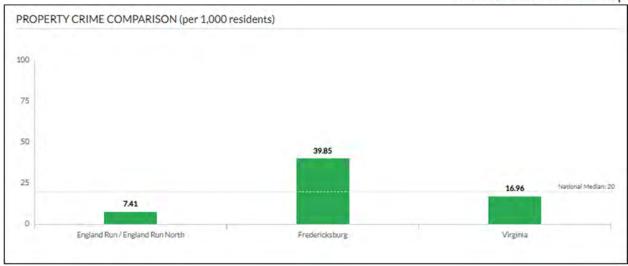
The following crime data is provided by Neighborhood Scout.











After inspection and observation of the Subject's neighborhood, we do not anticipate the overall crime statistics will affect the marketability for the Subject.

# **Summary**

The Subject will continue to provide affordable senior housing in an area suitable for this development. The site is located outside the city limits of Fredericksburg. All major shopping, transportation, and recreational amenities are located within a short distance of the Subject. Access to groceries, pharmacy and shopping is convenient.



# DELINEATION OF MARKET AREA

#### **Primary Market Area**

For the purpose of this study, it is necessary to define the market area, or the area from which potential tenants for the project are likely to be drawn. In some areas, residents are very "neighborhood oriented" and are generally very reluctant to move from the area where they have grown up. In other areas, residents are much more mobile and will relocate to a completely new area, especially if there is an attraction such as affordable housing at below market rents. The primary market area (PMA) for this development is defined as a polygon consisting of Fredericksburg and other surrounding communities. The Subject is located right outside the city limits of Fredericksburg; however, the majority of the tenant population would come from this area and the smaller surrounding communities.

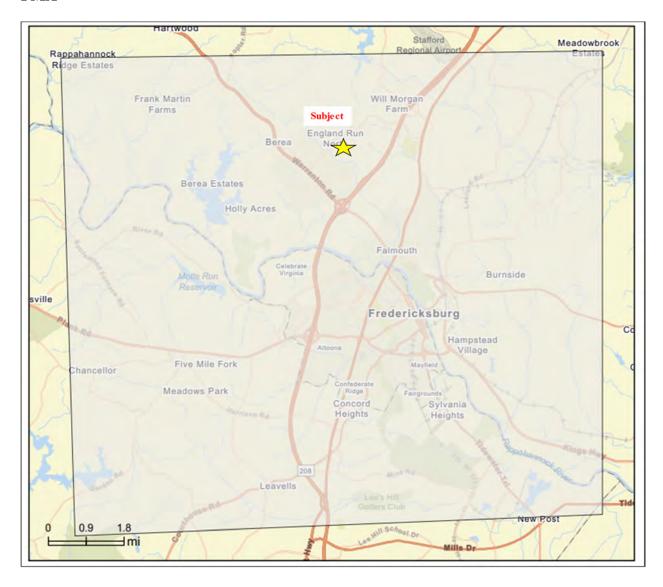
The PMA boundaries and overall market health assessment are based upon an analysis of demographic and socioeconomic characteristics, target tenant population, political jurisdictional boundaries, natural boundaries, experience of nearby comparable developments, accessibility to mass transit or key transportation corridors and commute patterns, and market perceptions as well as surveys of existing market rate and affordable apartment projects undertaken by Kinetic Valuation Group, Inc., and insights gained from resident managers, area planning staff, and others familiar with the multifamily market. We recognize a smaller sub-market may exist within this PMA; however, market data demonstrates that a significant amount of the renter base considers housing opportunities within this defined area. Given the opportunity to locate good quality affordable housing, the renter base will move within these areas. We anticipate the majority of demand will be generated from this geographic area. However, some leakage would be anticipated from outside the PMA from other parts of Stafford County.

There are no natural boundaries in Fredericksburg or Stafford County that would inhibit anyone from relocating to the Subject. The market area boundaries identified are a reasonable approximation regarding the potential renter market for the Subject.

The secondary market area (SMA) for the Subject is the Washington-Arlington-Alexandria, DC-VA-MD-WV MSA. The MSA consists of portions of three states and the District of Columbia, sprawling over 5,000 square miles and consisting of several cities and towns who rely on the national capital for employment. Maps outlining the PMA and SMA can be found on the following page.

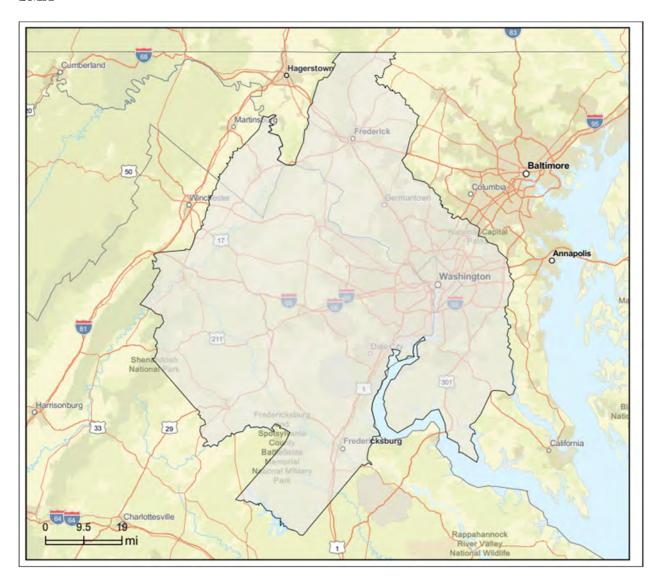


# **PMA**





# **SMA**



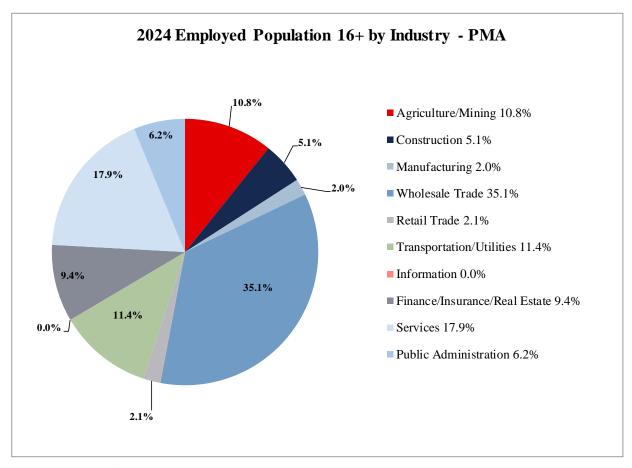


# MARKET AREA ECONOMY

The following discussion includes an analysis of the local economy. This section will present and analyze information regarding employment by industry, the major employers, and unemployment trends. Information was provided, where available, for the Subject's Primary Market Area (PMA). We obtained economic information from the Bureau of Labor Statistics, Stafford County, and ESRI Demographics. These data sources are considered to be the most reliable and current.

# **Employment by Industry**

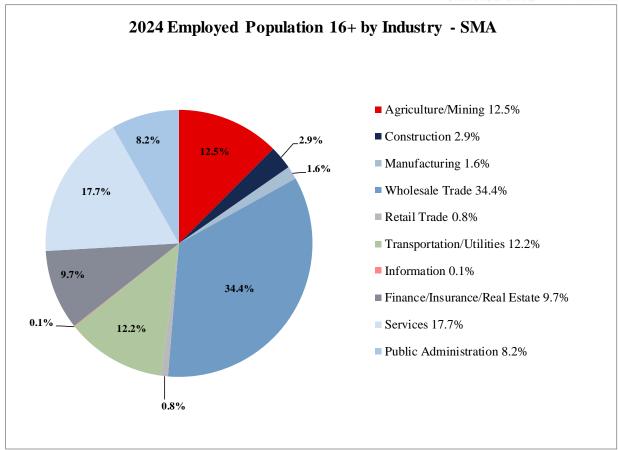
The following charts illustrate the distribution of employment sectors by industry within the PMA and SMA.



Source: ESRI Demographics

The largest employment sector in the PMA is the whole sale trade sector with 35.1, followed by the transportation and utilities sector with 11.4 percent, followed by the agriculture/mining section with 10.8 percent.





Source: ESRI Demographics

The largest employment sector in the SMA is the wholesale trade sector with 34.4 percent, followed by the agriculture/mining sector with 12.5 percent, and the transportation/utilities sector with 12.2 percent.



# **Major Employers**

The following chart identifies the major employers in Fredericksburg in 2024

Major Employers - Fredericksburg, VA - 2024					
Employer	Industry	# Employees			
Mary Washington Healthcare System	Healthcare	4,545			
Fredericksburg City Public Schools	Education	667			
University of Mary Washington	Education	660			
City of Fredericksburg	Government	651			
Wal-mart	Retail	530			
Wegmans	Grocery	520			
Rappanhannock Area Community Services Board	City Services	514			
Rehab Hospital of Fredericksburg	Healthcare	165			
OS Restaurant Services	Restaurant	135			
Pontomac Nationals	Professional Sports	50			

Source: Fredericksburg 2024 CAFR

# **Employment Expansion/Contractions and Trends**

We obtained the employment expansion trends from the city of Fredericksburg Economic Development Department. Details below outline a few recent business expansions over the last several years:

- Paris Banh Mi opened in Central Park in August 2024. The chain offers traditional Vietnamese banh mi along with croissants and assorted pastries made daily. It is unclear how many jobs were created when the business opened.
- Carbonero Latin Kitchen opened in late 2024 along Lafayette Boulevard in Fredericksburg. It is unclear how many jobs were created when the business opened.
- A business offering skincare services and products opened at the Winchester Place project in downtown Fredericksburg in March 2024. Veera Aesthetics occupied 800 square feet of ground floor commercial space. It is unclear how many jobs were created when the business opened.
- The Good Feet store recently opened a 3,500 square-foot facility along Carl D. Silver Parkway. It is unclear how many jobs were created when the business opened.

The city has several other developments that have recently opened. The creation of jobs is a positive indicator for the need of affordable housing.



# **Workforce and Unemployment Trends**

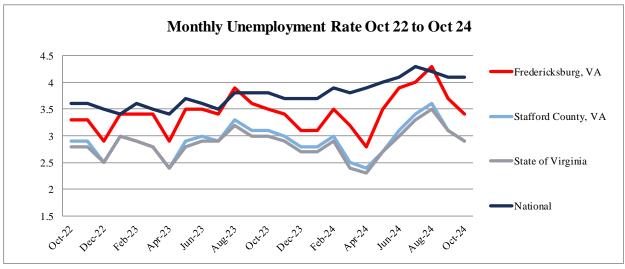
The table below illustrates the workforce and unemployment trends for Fredericksburg and Stafford County.

	Unemployment Trends - 2013 - 2024 YTD							
	Fredericksburg, VA Stafford County, VA					ounty, VA		
Year	Total Labor	Total	Unemployment	(%)	Total Labor	Total	Unemployment	(%)
rear	Force	Employment	Rate (%)	Change	Force	<b>Employment</b>	Rate (%)	Change
2013	13,763	12,894	6.3	-	66,106	62,452	5.5	-
2014	13,716	12,894	6.0	-0.3	66,910	63,415	5.2	-0.3
2015	13,419	12,712	5.3	-0.7	66,918	63,975	4.4	-0.8
2016	13,575	12,936	4.7	-0.6	68,383	65,749	3.9	-0.5
2017	13,722	13,128	4.3	-0.4	70,099	67,592	3.3	-0.6
2018	14,020	13,531	3.5	-0.8	71,426	69,301	3.0	-0.3
2019	14,196	13,722	3.3	-0.2	73,947	71,933	2.7	-0.3
2020	14,065	13,031	7.4	4.1	73,203	68,965	5.8	3.1
2021	13,982	13,336	4.6	-2.8	73,204	70,549	3.6	-2.2
2022	14,352	13,889	3.2	-1.4	75,585	73,485	2.8	-0.8
2023	14,788	14,285	3.4	0.2	77,864	75,580	2.9	0.1
2024 YTD	14,810	14,301	3.4	0.0	78,023	75,751	2.9	0.0

Source: Bureau of Labor Statistics

From 2014 to 2022, the city unemployment rate decreased year-over-year, with the exception of 2020. The unemployment rate increased from 3.3 percent in 2019 to a decade high of 7.4 percent in 2020, due to the COVID-19 Pandemic. The unemployment rate had a small increase in 2023, and has remained unchanged as of 2024 year-to-date. The county has followed a similar trend.

Below we have compared the city, county, state, and national unemployment rates over the past 24 months.



Source: Bureau of Labor Statistics

The city, county, and state have primarily stayed below the national average over the last 24 months. The city peaked above the national rate in August 2024.



# **Employment Trends**

The following table illustrates the employment trends from 2013 to 2024 year to date.

Employment Trends - 2013 - 2024 YTD					
	Frederick	sburg, VA	Stafford C	County, VA	
Year	Total Employment	(%) Change	Total Employment	(%) Change	
2013	12,894	-	62,452	-	
2014	12,894	0.0%	63,415	1.5%	
2015	12,712	-1.4%	63,975	0.9%	
2016	12,936	1.8%	65,749	2.8%	
2017	13,128	1.5%	67,592	2.8%	
2018	13,531	3.1%	69,301	2.5%	
2019	13,722	1.4%	71,933	3.8%	
2020	13,031	-5.0%	68,965	-4.1%	
2021	13,336	2.3%	70,549	2.3%	
2022	13,889	4.1%	73,485	4.2%	
2023	14,285	2.9%	75,580	2.9%	
2024 YTD	14,301	0.1%	75,751	0.2%	

Source: Bureau of Labor Statistics

Employment for the city has fluctuated over the last decade. Employment peaked in 2022 for the city and has increased 0.1 percent as of 2024 year-to-date. The county has primarily increased every year with the exception of 2020 where employment decreased due to the COVID-19 pandemic. The county has also experienced a slight increase as of 2024 year-to-date.



# **Wages by Occupation**

The chart below shows the wages by occupation for the Washington-Arlington-Alexandria, DC-VA-MD-WV MSA, which includes Stafford county.

Wage by Occupation - Washington-Arlington-Alexandria, DC-VA-MD-WV MSA - 2023						
Occupational Title	Number of Employees	Average Hourly Wage	Average Annual Wage			
All Occupations	3,092,070	\$42.49	\$88,370			
Management Occupations	304,760	\$78.80	\$163,900			
Business and Financial Operations Occupations	384,770	\$56.24	\$116,970			
Computer and Mathematical Occupations	239,700	\$62.96	\$130,950			
Architecture and Engineering Occupations	54,590	\$57.11	\$118,790			
Life, Physical, and Social Science Occupations	61,070	\$56.94	\$118,440			
Community and Social Service Occupations	45,180	\$32.83	\$68,290			
Legal Occupations	68,530	\$90.20	\$187,610			
Educational Instruction and Library Occupations	190,940	\$35.40	\$73,630			
Arts, Design, Entertainment, Sports, and Media Occupations	69,650	\$46.08	\$95,850			
Healthcare Practitioners and Technical Occupations	148,350	\$55.79	\$116,050			
Healthcare Support Occupations	96,060	\$20.21	\$42,040			
Protective Service Occupations	90,240	\$32.61	\$67,830			
Food Preparation and Serving Related Occupations	244,010	\$19.26	\$40,060			
Building and Grounds Cleaning and Maintenance Occupations	97,160	\$19.49	\$40,550			
Personal Care and Service Occupations	67,170	\$20.37	\$42,380			
Sales and Related Occupations	222,850	\$27.17	\$56,510			
Office and Administrative Support Occupations	296,400	\$26.30	\$54,710			
Farming, Fishing, and Forestry Occupations	1,950	\$21.51	\$44,730			
Construction and Extraction Occupations	109,380	\$30.43	\$63,300			
Installation, Maintenance, and Repair Occupations	88,870	\$31.29	\$65,080			
Production Occupations	44,200	\$25.56	\$53,150			
Transportation and Material Moving Occupations	166,240	\$24.91	\$51,810			

Source: Bureau of Labor Statistics

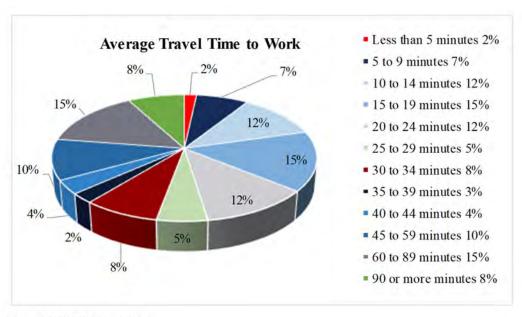
The above chart shows average hourly and annual wages by employment classification. The classification with the lowest average hourly wage was food preparation and serving related occupations, at \$19.26 per hour. The highest average hourly wage of \$90.20 was for management occupations.

The qualifying incomes for tenants at the Subject will be between \$49,620 and \$74,280. Utilizing the lower end of the wage range at \$19.26 per hour at 2,080 annual hours equates to \$40,060. The upper end of the qualifying income at \$74,280 equates to an approximate hourly wage rate of \$35.71. It is important to note that many positions represent part-time employment, and the starting rates are typically lower than mean wage rates.



# **Commuting Patterns**

The chart below shows the travel time to work for the PMA according to ESRI data.



Source: ESRI Demographics

Approximately 63 percent of persons in the PMA have a commute time of less than 40 minutes indicating a majority of the persons in the PMA commute to work in nearby areas.

# **Rent Overburdened Households**

Illustrated below are the rent overburdened statistics in the PMA. The table below reflects 39.5 percent of households pay 35 percent or more of household income to housing.

Gross Rent as a % of Household Income - PMA						
	Estimate	%				
Less than 10.0 percent	733	4.4%				
10.0 to 14.9 percent	1,567	9.3%				
15.0 to 19.9 percent	1,913	11.4%				
20.0 to 24.9 percent	2,453	14.6%				
25.0 to 29.9 percent	1,812	10.8%				
30.0 to 34.9 percent	1,720	10.2%				
35.0 to 39.9 percent	1,222	7.3%				
40.0 to 49.9 percent	1,155	6.9%				
50.0 percent or more	4,275	25.4%				
Total:	16,850	100.0%				
Total paying more than 35%	6,652	39.5%				



### **Housing Authority**

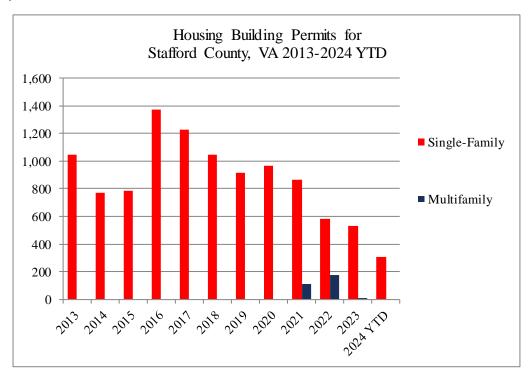
We spoke with Carl Bardy, Executive Director for the Central Virigina Housing Coalition. The Central Virigina Housing Coalition is allocated approximately 2,000 vouchers with approximately 1,700 to 2,000 in use at any given time. The waitlist has been closed for 15 years and occasionally opens. Mr. Bardy stated they usually have 100 to 200 households per month looking for housing within the area.

### **Proposed Construction**

We reviewed the Virginia Housing Development Authority website for recently funded projects to determine if there are any affordable developments proposed or under construction in the Subject's PMA. No new LIHTC developments have been funded in the PMA within the past three years.

## **Building Permits**

The following table demonstrates building permit information within Stafford County from 2013 to 2024 year-to-date.



Source: Office of Policy Development and Research HUD

Single-family construction exceeded multifamily construction in Stafford County every year over the past decade.

#### Conclusion

The PMA includes a stable amount of employment options for area residents. Numerous businesses offering a range of positions and skill levels exist within close proximity to the Subject. The wage rates within the area demonstrate a significant pool of potential tenants exist for affordable housing developments.

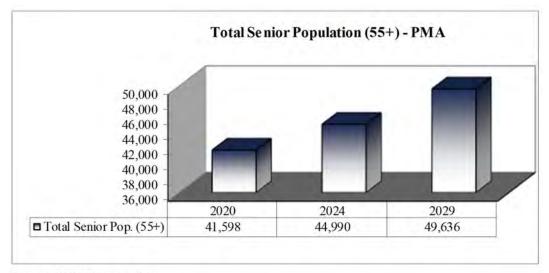


# POPULATION, HOUSEHOLD & INCOME TRENDS

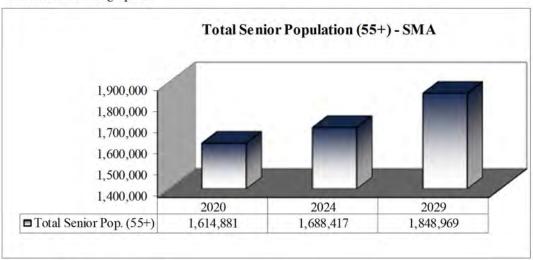
In this section, we present population, household and income trends in the PMA and SMA. All information is provided to us by ESRI Demographics, which is a national proprietary data provider. Some tables reflect rounding from the data provided, however, it is nominal. The Subject will be restricted to seniors (55+); therefore, data for this demographic is presented.

# **Total Senior Population**

The charts below illustrate total senior population in the PMA and SMA from 2020 through 2029.



Source: ESRI Demographics



Source: ESRI Demographics

The senior population within the PMA has continuously grown from 2020 to 2024 and is expected to continue to increase through 2029. Similar to the PMA, the SMA is also considered an area of growth, which is a positive indicator for the need of additional affordable senior housing units.



# **Population by Age Group**

The tables below illustrate population by age group in the PMA and SMA from 2020 through 2029.

Population by Age Group						
PMA						
Age Cohort	2020	2024	2029			
0 - 4	9,411	9,753	10,103			
5 - 9	10,571	10,509	10,174			
10 - 14	11,323	10,816	10,667			
15 - 19	11,694	11,624	11,171			
20 - 24	10,938	11,847	11,861			
25 - 34	20,988	22,248	24,002			
35 - 44	20,156	22,230	23,635			
45 - 54	19,580	19,436	20,351			
55 - 64	19,264	19,413	18,959			
65 - 74	13,375	14,721	17,175			
75 - 84	6,548	8,188	10,190			
85+	2,411	2,668	3,312			
Total	156,261	163,453	171,598			
]	Population by	y Age Group				
	SM	IA				
Age Cohort	2020	2024	2029			
0 - 4	365,802	365,285	361,203			
5 - 9	394,771	396,428	375,638			
10 - 14	413,721	395,027	407,109			
15 - 19	405,026	396,328	393,971			
20 - 24	419,215	420,829	409,224			
25 - 34	936,042	964,918	959,247			
35 - 44	900,575	965,032	977,255			
45 - 54	828,509	837,131	877,290			
55 - 64	772,379	751,992	745,150			
65 - 74	510,959	547,720	618,555			
75 - 84	241,262	289,279	364,755			
85+	90,281	99,426	120,509			
651	70,201	//, . <b>=</b> 0				

Source: ESRI Demographics

In the PMA, population is greatest in the 25 to 54-year age groups during 2024.



# **Number of Elderly and Non-elderly**

The table below is an illustration of the elderly and non-elderly population.

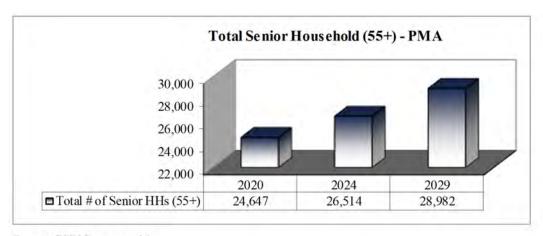
	Number of Ederly and Non-Ederly						
	PMA			SMA			
Year	Total Population	Non-Elderly	<b>Ederly</b> (55+)	Total Population	Non-Elderly	<b>Ederly</b> (55+)	
2020	156,261	114,663	41,598	6,278,542	4,663,661	1,614,881	
2024	163,453	118,463	44,990	6,429,395	4,740,978	1,688,417	
2029	171,598	121,962	49,636	6,609,906	4,760,937	1,848,969	

Source: ESRI Demographics

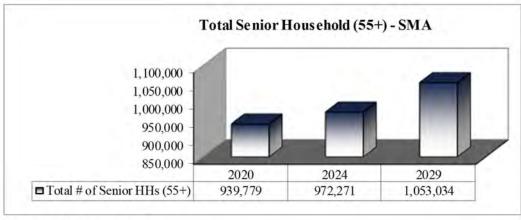
As illustrated in the table above, within the PMA, population is greatest in the non-elderly population, those aged 54 or under. The senior population comprises approximately 27.5 percent of the total population in the PMA versus 26.3 percent in the SMA during 2024.

#### **Total Number of Senior Households**

The charts below illustrate the total number of senior households in the PMA and SMA.



Source: ESRI Demographics



Source: ESRI Demographics



Similar to the growth in senior population in both the PMA and SMA, the number of senior households is expected to increase between 2024 and 2029. As the senior population and the number of senior households increase, there will be a larger number of lower-income seniors needing affordable housing choices.

# **Senior Household by Tenure**

The table below illustrates total senior households by tenure for the total senior population in the PMA and SMA.

Tenure Patterns - Ederly Population (Age 55+)								
PMA			SMA					
Year	Owner-Occupied Units Re		Renter-Occupied Units		Owner-Occupied Units		Renter-Occupied Units	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
2020	18,860	76.5%	5,787	23.5%	710,926	75.6%	228,853	24.4%
2024	20,289	76.5%	6,225	23.5%	735,506	75.6%	236,765	24.4%
2029	22,177	76.5%	6,805	23.5%	796,601	75.6%	256,433	24.4%

Source: ESRI Demographics

As indicated, the total percentage of senior renter-occupied housing units within the PMA during 2024 is 23.5 percent. This percentage is projected to remain constant through 2029. Comparatively, the total percentage of senior renter-occupied households within the SMA during 2024 is lower, at 24.4 percent.

### **Average Senior Household Size**

The table below illustrates average senior household size.

Average Senior Household (55+) Size					
	PN	ΜA	SMA		
Year	Number	Annual Change	Number	Annual Change	
2020	1.69	-	1.72	-	
2024	1.70	0.13%	1.74	0.26%	
2029	1.71	0.19%	1.76	0.22%	

Source: ESRI Demographics

As illustrated in the above table, average senior household size within the PMA is projected to increase slightly from 2024 to 2029.



#### **Median Household Income Levels**

The table below illustrates the median household income in the PMA and SMA from 2024 through 2029.

Median Household Income					
	PN	/IA	SMA		
Year	Amount	Annual Change	Amount	Annual Change	
2024	\$104,538	1	\$122,325	1	
2029	\$116,202	2.2%	\$138,788	2.7%	

Median household income in the PMA is projected to increase 2.2 percent between 2024 and 2029, which is slightly less than expected change in the SMA of 2.7 percent.

# Senior Renter Households by Number of Persons in the Household

The following tables show senior household size by renter tenure.

Senior (55+) Renter Households by Number of Persons - PMA							
	20	20	20	24	2029		
	Number	Percentage	Number	Percentage	Number	Percentage	
With 1 Person	1,393	24.1%	1,498	24.1%	1,589	24.1%	
With 2+ Persons	4,394	75.9%	4,727	75.9%	5,013	75.9%	
Total Renter Households	5,787	100%	6,225	100%	6,602	100%	
Senio	or (55+) Rent	er Household	ls by Number	of Persons -	SMA		
	20	20	2024		2029		
	Number	Percentage	Number	Percentage	Number	Percentage	
With 1 Person	62,336	27.2%	64,491	27.2%	69,848	27.2%	
With 2 Persons	166,517	72.8%	172,274	72.8%	186,585	72.8%	
Total Renter Households	228,853	100%	236,765	100%	256,433	100%	

Source: ESRI Demographics

As illustrated in the table above, the largest category of senior renter households has two or more persons.

### **Conclusion**

The PMA is comprised of 23.5 percent senior renter households. The number of senior households is expected to increase in the PMA from 2024 through 2029. Demand for senior rental units in the PMA is expected to come from natural population growth and renter turnover. As the total senior population and number of senior households continue to grow, the demand for senior housing units will continue to increase. The demographics presented provide support that there is a stable senior renter population within the PMA and support current and future demand for the Subject.



### **INCOME TRENDS**

# **Assumptions of Income Projections**

The demographics data is obtained from ESRI, a national data provider. Data estimates and projections are based on the 2020 census. Estimation of household income by household size and renter tenure is allocated based upon occupied renter percentage in the PMA and SMA.

Applying these assumptions in the demand estimate may underestimate the number of income qualified renter households within the PMA since households with lower income levels are more likely to be renters. Therefore, the estimated percentage of renters within the lower income brackets may be higher than illustrated.

### **Senior Household Income Distribution**

The following tables illustrate senior household income distribution in 2024 and 2029.

Household Income Distribution - PMA (Age 55+)					
Income Cohout	20	)24	20	29	
Income Cohort	Number	Percentage	Number	Percentage	
<\$15,000	2,019	7.6%	1,974	6.8%	
\$15,000 - \$24,999	1,547	5.8%	1,329	4.6%	
\$25,000 - \$34,999	1,474	5.6%	1,298	4.5%	
\$35,000 - \$49,999	2,303	8.7%	2,072	7.1%	
\$50,000 - \$74,999	3,531	13.3%	3,557	12.3%	
\$75,000 - \$99,999	3,494	13.2%	3,532	12.2%	
\$100,000 - \$149,999	4,898	18.5%	5,697	19.7%	
\$150,000 - \$199,999	3,363	12.7%	4,364	15.1%	
\$200,000+	3,884	14.6%	5,159	17.8%	
Total	26,513	100%	28,982	100%	
Househ	old Income Dis	tribution - SM	IA (Age 55+)		
Income Cohort	20	024	2029		
income Conort	Number	Percentage	Number	Percentage	
<\$15,000	66,505	6.8%	62,031	5.9%	
\$15,000 - \$24,999	46,179	4.7%	39,388	3.7%	
\$25,000 - \$34,999	47,325	4.9%	42,798	4.1%	
\$35,000 - \$49,999	67,883	7.0%	60,964	5.8%	
\$50,000 - \$74,999	118,095	12.1%	113,447	10.8%	
\$75,000 - \$99,999	104,722	10.8%	106,019	10.1%	
\$100,000 - \$149,999	163,323	16.8%	178,757	17.0%	
\$150,000 - \$199,999	117,191	12.1%	144,139	13.7%	
\$200,000+	241,048	24.8%	305,491	29.0%	
Total	972,271	100%	1,053,034	100%	

Source: ESRI Demographics



# **Senior Renter Household Income Distribution**

The following tables illustrate the senior household income distribution and the household income distribution, adjusted for tenure. Senior renter households comprise 23.5 percent of total senior households in the PMA and 24.4 percent in the SMA.

Renter Hous	ehold Income	Distribution -	PMA (Age 55	5+)	
Income Cohort	20	024	2029		
Income Conort	Number	Percentage	Number	Percentage	
<\$15,000	474	7.6%	463	6.8%	
\$15,000 - \$24,999	363	5.8%	312	4.6%	
\$25,000 - \$34,999	346	5.6%	305	4.5%	
\$35,000 - \$49,999	541	8.7%	486	7.1%	
\$50,000 - \$74,999	829	13.3%	835	12.3%	
\$75,000 - \$99,999	820	13.2%	829	12.2%	
\$100,000 - \$149,999	1,150	18.5%	1,338	19.7%	
\$150,000 - \$199,999	790	12.7%	1,025	15.1%	
\$200,000+	912	14.6%	1,211	17.8%	
Total	6,225	100%	6,805	100%	
Renter Hous	ehold Income	Distribution -	SMA (Age 55	5+)	
	20	024	2029		
I Income Cohort					
Income Cohort	Number	Percentage	Number	Percentage	
Income Cohort <\$15,000	<b>Number</b> 18,030	Percentage 7.6%	<b>Number</b> 17,466	Percentage 6.8%	
		8		8	
<\$15,000	18,030	7.6%	17,466	6.8%	
<\$15,000 \$15,000 - \$24,999	18,030 13,815	7.6% 5.8%	17,466 11,759	6.8% 4.6%	
<\$15,000 \$15,000 - \$24,999 \$25,000 - \$34,999	18,030 13,815 13,163	7.6% 5.8% 5.6%	17,466 11,759 11,485	6.8% 4.6% 4.5%	
<\$15,000 \$15,000 - \$24,999 \$25,000 - \$34,999 \$35,000 - \$49,999	18,030 13,815 13,163 20,566	7.6% 5.8% 5.6% 8.7%	17,466 11,759 11,485 18,333	6.8% 4.6% 4.5% 7.1%	
<\$15,000 \$15,000 - \$24,999 \$25,000 - \$34,999 \$35,000 - \$49,999 \$50,000 - \$74,999	18,030 13,815 13,163 20,566 31,532	7.6% 5.8% 5.6% 8.7% 13.3%	17,466 11,759 11,485 18,333 31,472	6.8% 4.6% 4.5% 7.1% 12.3%	
<\$15,000 \$15,000 - \$24,999 \$25,000 - \$34,999 \$35,000 - \$49,999 \$50,000 - \$74,999 \$75,000 - \$99,999	18,030 13,815 13,163 20,566 31,532 31,202	7.6% 5.8% 5.6% 8.7% 13.3% 13.2%	17,466 11,759 11,485 18,333 31,472 31,251	6.8% 4.6% 4.5% 7.1% 12.3% 12.2%	
<\$15,000 \$15,000 - \$24,999 \$25,000 - \$34,999 \$35,000 - \$49,999 \$50,000 - \$74,999 \$75,000 - \$99,999 \$100,000 - \$149,999	18,030 13,815 13,163 20,566 31,532 31,202 43,740	7.6% 5.8% 5.6% 8.7% 13.3% 13.2% 18.5%	17,466 11,759 11,485 18,333 31,472 31,251 50,407	6.8% 4.6% 4.5% 7.1% 12.3% 12.2% 19.7%	

Source: ESRI Demographics



# Senior Renter Household Income Distribution by Household Size

The following tables illustrate senior renter household income distribution by household size.

Senior Renter Household 55+ Income Distribution by Household Size - PMA			Senior Renter Household 55+ Income Distribution by Household Size - SMA			
202	4		202	4		
Income Cohort	1 Person	2 Person	Income Cohort	1 Person	2 Person	
<\$15,000	114	360	<\$15,000	4,911	13,119	
\$15,000 - \$24,999	87	276	\$15,000 - \$24,999	3,763	10,052	
\$25,000 - \$34,999	83	263	\$25,000 - \$34,999	3,585	9,578	
\$35,000 - \$49,999	130	411	\$35,000 - \$49,999	5,602	14,964	
\$50,000 - \$74,999	200	630	\$50,000 - \$74,999	8,589	22,943	
\$75,000 - \$99,999	197	623	\$75,000 - \$99,999	8,499	22,703	
\$100,000 - \$149,999	277	873	\$100,000 - \$149,999	11,914	31,826	
\$150,000 - \$199,999	190	600	\$150,000 - \$199,999	8,180	21,852	
\$200,000+	219	692	\$200,000+	9,448	25,237	
Total	1,498	4,727	Total	64,491	172,274	
202	9		202	2029		
Income Cohort	1 Person	2 Person	Income Cohort	1 Person	2 Person	
<\$15,000	112	352	<\$15,000	4,204	13,262	
\$15,000 - \$24,999	75	237	\$15,000 - \$24,999	2,830	8,929	
\$25,000 - \$34,999	73	231	\$25,000 - \$34,999	2,764	8,721	
\$35,000 - \$49,999	117	369	\$35,000 - \$49,999	4,412	13,921	
\$50,000 - \$74,999	201	634	\$50,000 - \$74,999	7,575	23,898	
\$75,000 - \$99,999	200	630	\$75,000 - \$99,999	7,521	23,730	
\$100,000 - \$149,999	322	1,016	\$100,000 - \$149,999	12,132	38,275	
\$150,000 - \$199,999	247	778	\$150,000 - \$199,999	9,293	29,320	
\$200,000+	292	920	\$200,000+	10,986	34,661	
Total	1,638	5,167	Total	61,716	194,716	

Source: ESRI Demographics

# Conclusion

The preceding tables stratify aggregate senior household income, senior renter household income, and senior renter household income by household size for the PMA and SMA for 2024 and 2029 forecast. The *Demand Estimate* section illustrated later utilizes this data in quantification of appropriate income qualified senior renter households adjusted by household size.



# COMPETITIVE RENTAL ANALYSIS

We performed a competitive rental analysis of the local market. We surveyed both market rate and affordable housing rental properties. Analysis of the comparable market rate and LIHTC properties is included in this section.

Possible comparables were determined from multiple resources including online research, subscription databases, interviewing property management companies and on-site management, and driving the market area. We performed an extensive search for comparable market rate properties with similar type, size, age, condition, and location. Those deemed most similar in these areas and containing the appropriate unit mix were selected for use as a comparable property within this report.

We performed an extensive search for market rate senior properties within the market area. Many of the senior properties located had affordable housing programs in place or were a part of an independent/assisted/skilled nursing/retirement community. Typically, these properties are not comparable to a senior apartment property because of the array of amenities provided such as meal plans, housekeeping, wellness activities/plans, and on-site medical care. These properties have been excluded for the aforementioned reasons.

The table below is a list of comparable properties we have considered; however, have not been included in this analysis. These properties were excluded for the reasons listed below.

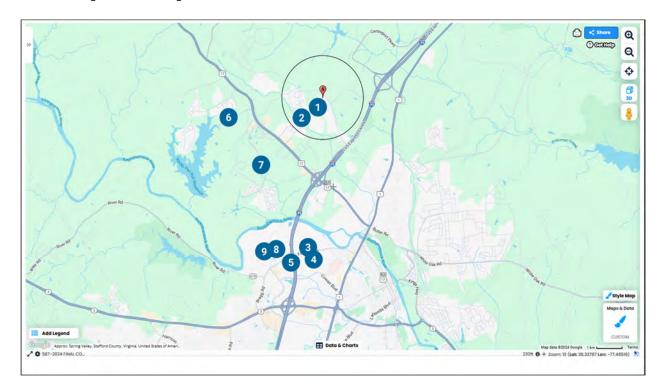
Excluded Properties							
Project Name	Street Address	City, State Zip	Program Type	Occupancy Type	Reason For Exclusion		
Madona House at Belmont Apartments	2600 Cowan Boulevard	Fredericksburg, VA	LIHTC	Senior	Rents significantly below other comparables		
Heritage Park I & II	1003 Heritage Place	Fredericksburg, VA	LIHTC	Family	Unable to Contact		
Wicklow Square Apartments	100 Weston Lane	Fredericksburg, VA	LIHTC	Family	Other Comparables Available		
Stafford Lakes Apartments	35 Stonehaven Drive	Fredericksburg, VA	LIHTC	Family	Unable to Contact		
Magnolia Falls Apartments	2500 Greent Tree Road	Fredericksburg, VA	Market	Family	Unable to Contact		
Kensington Crossing Apartments	101 Knights Court	Fredericksburg, VA	Market	Family	Condition		

Unit sizes are reported on a net basis for comparable properties, which is the typical basis reported within the apartment industry. Additionally, unit size may not be reflective of the appeal of the unit; an example being two apartments with differing floor plans wherein the smaller size unit may appear to be larger to the observer due to floor plan layout and lighting. In some cases where multiple floor plans were available for identical unit sizes, an average unit size and rent was applied.

Provided below is a map of the comparable market rate and LIHTC properties used in the rental analysis, in relation to the Subject. The individual comparable property summaries for both the market rate and LIHTC developments used in the analysis follow the map.



# **Rent Comparables Map**



	Comparable Properties					
Comp#	Comparable Name	Street Address	City, State	Rent Structure	Proximity from Subject (miles)	
1	England Run Townhomes	2 Sondra Lane	Fredricksburg, VA	LIHTC	0.23 miles	
2	England Run North Apartments	18 Newcastle Place	Fredricksburg, VA	LIHTC	0.67 miles	
3	Weston Circle Apartments	400 Weston Lane	Fredericksburg, VA	LIHTC	3.57 miles	
4	Crestview Apartments	100 Crestview Way	Fredericksburg, VA	LIHTC	3.71 miles	
5	Valor Apartment Homes	1150 Noble Way	Fredericksburg, VA	LIHTC	4.00 miles	
6	Malvern Lakes Apartments	75 Malvern Lakes Circle	Fredericksburg, VA	Market	2.32 miles	
7	Silver Collection at Celebrate Apartments	2530 Celebrate Virginia Parkwa	Fredericksburg, VA	M arket	2.17 miles	
8	Silver Collection at Carl D Silver Parkway	1201 Ashford Circle	Fredericksburg, VA	Market	3.78 miles	
9	MAA Seasons Apartments	1001 Dunes Street	Fredericksburg, VA	Market	3.92 miles	



							0.111/12	ic value		
			Rent	Survey Summary						
	Project/	Type/	Market/	Bed/	Size		Rent	Price Per	Units	Vacancy
No.	Proximity	Yr. Built	Subsidy	Bath/AMI Level	(SF)	Units	(Ask)	Square Foot	Vacant	Rate
1	England Run Townhomes	Garden (2 Story)	LIHTC	2/2.5/50%	1,451	24	\$1,560	\$1.08	0	0.0%
	2 Sondra Lane	2001		2/2.5/60%	1,451	24	\$1,560	\$1.08	0	0.0%
	Fredricksburg, VA			3/2.5/50%	1,712	36	\$1,890	\$1.10	0	0.0%
	0.23 miles			3/2.5/60%	1,712	36	\$1,890	\$1.10	0	0.0%
				Total		120			0	0.0%
2	England Run North Apartments	Garden (3 Story)	LIHTC	2/2.0/50%	1,132	50	\$1,517	\$1.34	0	0.0%
	18 Newcastle Place	2000		2/2.0/60%	1,132	50	\$1,865	\$1.65	4	8.0%
	Fredricksburg, VA			3/2.0/50%	1,270	120	\$1,744	\$1.37	0	0.0%
	0.67 miles			3/2.0/60%	1,270	120	\$2,146	\$1.69	2	1.7%
				Total		340			6	1.8%
3	Weston Circle Apartments	Garden (3 Story)	LIHTC	1/1.0/60%	711	18	\$1,435	\$2.02	0	0.0%
	400 Weston Lane	2003		2/1.0/60%	831	12	\$1,535	\$1.85	0	0.0%
	Fredericksburg, VA			2/2.0/60%	1,007	90	\$1,599	\$1.59	0	0.0%
	3.57 miles			3/2.0/60%	1,164	30	\$1,749	\$1.50	0	0.0%
				Total		150			0	0.0%
4	Crestview Apartments	Garden (3 Story)	LIHTC	1/1.0/60%	863	24	\$1,475	\$1.71	1	4.2%
	100 Crestview Way	2000		2/2.0/60%	988	120	\$1,575	\$1.59	2	1.7%
	Fredericksburg, VA 3.71 miles			3/2.0/60%	1,128	36	\$1,800	\$1.60	0	0.0%
	3.71 miles			Total		180			3	1.7%
5	Valor Apartment Homes	Garden (4 Story)	LIHTC	1/1.0/60%	775	18	\$1,525	\$1.97	0	0.0%
	1150 Noble Way	2016		2/2.0/60%	1,032	72	\$1,725	\$1.67	0	0.0%
	Fredericksburg, VA 4.00 miles			3/2.0/60%	1,233	30	\$1,975	\$1.60	0	0.0%
	4.00 filles			Total		120			0	0.0%
6	Malvern Lakes Apartments	Garden (3 Story)	Market	1/1.0	787	30	\$1,500	\$1.91	2	6.7%
	75 Malvern Lakes Circle	2001		2/2.0	1,094	90	\$1,875	\$1.71	4	4.4%
	Fredericksburg, VA 2.32 miles			3/2.0	1,320	30	\$2,000	\$1.52	0	0.0%
	2.32 miles			Total		150			6	4.0%
7	Silver Collection at Celebrate Apartments	Garden (3 Story)	Market	1/1.0	706	120	\$1,900	\$2.69	4	3.3%
	2530 Celebrate Virginia Parkway	2018		2/2.0	1,122	134	\$2,245	\$2.00	4	3.0%
	Fredericksburg, VA			3/2.0	1,398	4	\$2,825	\$2.02	2	50.0%
	2.17 miles			Total		258			10	3.9%
8	Silver Collection at Carl D Silver Parkway	Mid-Rise (4 Story)	Market	1/1.0	728	189	\$1,870	\$2.57	4	2.1%
	1201 Ashford Circle	2019		2/2.0	997	162	\$2,300	\$2.31	7	4.3%
	Fredericksburg, VA 3.78 miles			3/2.0	1,526	18	\$3,425	\$2.24	1	5.6%
	3.70 HHES			Total		369			12	3.3%
9	MAA Seasons Apartments	Garden (3 Story)	Market	1/1.0	781	249	\$1,688	\$2.16	8	3.2%
	1001 Dunes Street	2011		2/2.0	1,157	208	\$1,913	\$1.65	7	3.4%
	Fredericksburg, VA 3.92 miles			3/2.0	1,300	26	\$2,713	\$2.09	1	3.8%
	5.72 Hugo			Total		483			16	3.3%

#### Comparable #1 Property Name England Run Townhomes Street 2 Sondra Lane City, State Fredricksburg, VA Stafford County Phone Number 540-917-5206 Glenda Contact Name Property Type Multifamily Rent Type LIHTC Proximity 0.23 miles Garden (2 Story) Structure **HCV** Tenants Yes, N/A Yearly Turnover % N/A Leasing Pace N/AWaiting List Yes, N/A Concessions None Yes, Increased in 2024 - N/A Change in Rent Year Built/Renovated 2001 Comp ID Number Property Descript 22930



Troperty Descri	puon.						
Bed/Bath/AMI	Area (SF)	Units	Rent	Concession (monthly)	Vacant Units	Vacancy Rate	
2/2.5/50%	1,451	24	\$1,560	\$0	0	0.0%	
2/2.5/60%	1,451	24	\$1,560	\$0	0	0.0%	
3/2.5/50%	1,712	36	\$1,890	\$0	0	0.0%	
3/2.5/60%	1,712	36	\$1,890	\$0	0	0.0%	
Total Units		120			0	0.0%	

<b>Utilities:</b>		
	Who Pays	Gas/Electric
	Utility?	G=Gas
		E=Electric
Other Electric	T	E
Heat	T	E
Water Heat	T	E
Cooking	T	E
Water	L	
Sewer	L	
Trash	L	

Appliances:	
Refrigerator	✓
Stove/Oven	✓
Dishwasher	✓
Garbage Disposal	✓
Microwave	
Washer/Dryer	✓
Washer/Dryer Hook-up	

<b>Property Amenities:</b>	
Community Room	✓
Swimming Pool	✓
Spa/Jacuzzi	
Exercise Room	<b>✓</b>
Picnic Area	
Playground	✓
Tennis Court	
Basketball Court	
Volleyball Court	
On-Site Manager	✓
Laundry Room	
Computer Room	
Business Center	✓
Car Wash Area	
Additional Services	
Elevator ("Y"es or "N"o)	N

r ai Kilig.	
Surface Parking	✓
Carport	
Underground	
Detached Garage	
Attached Garage	
Tuck-under Garage	
Parking Garage	
Security:	
-	
Gated/Controlled Access/Intercom	
Courtesy Patrol	
Surveillance Cameras	
	-

\*See Notes

Notes:

Management confirmed that 50 and 60 percent AMI units both rent for the same price. No information on renovations was provided by management and photographs of unit interiors obtained online indicate little to no updating has occurred; therefore, an effective age consistent with the property's actual age is estimated for this property. Photograph was obtained from Google.

Comparable #2 England Run North Apartments Property Name Street 18 Newcastle Place City, State Fredricksburg, VA County Stafford Phone Number 540-645-6516 Ebony Contact Name Multifamily Property Type Rent Type LIHTC Proximity 0.67 miles Structure Garden (3 Story) **HCV** Tenants N/A N/A Yearly Turnover % Leasing Pace N/A Waiting List N/A Concessions None Change in Rent N/A Year Built/Renovated 2000 Comp ID Number 22931



# **Property Description:**

Bed/Bath/AMI	Area (SF)	Units	Rent	Concession (monthly)	Vacant Units	Vacancy Rate
2/2.0/50%	1,132	50	\$1,517	\$0	0	0.0%
2/2.0/60%	1,132	50	\$1,865	\$0	4	8.0%
3/2.0/50%	1,270	120	\$1,744	\$0	0	0.0%
3/2.0/60%	1,270	120	\$2,146	\$0	2	1.7%
Total Units		340			6	1.8%

Utilities:			<b>Unit Amenities:</b>	
	Who Pays	Gas/Electric		
	Utility?	G=Gas	Central Heat/Cool	٠,
		E=Electric	Blinds	~
Other Electric	T	E	Carpet	Viı
Heat	T	E	Ceiling Fan	
Water Heat	T	E	Skylight	
Cooking	T	E	Storage Closet	
Water	L		Coat Closet	~
Sewer	L		Walk-In Closet	~
Trash	L		Fireplace	
			Patio/Balcony	~

Appliances:	
Refrigerator	✓
Stove/Oven	✓
Dishwasher	✓
Garbage Disposal	✓
Microwave	✓
Washer/Dryer	✓
Washer/Dryer Hook-up	

#### **Property Amenities:**

Community Room	✓
Swimming Pool	✓
Spa/Jacuzzi	
Exercise Room	✓
Picnic Area	<b>✓</b>
Playground	✓
Tennis Court	
Basketball Court	
Volleyball Court	
On-Site Manager	✓
Laundry Room	
Computer Room	
Business Center	
Car Wash Area	
Additional Services*	<b>√</b>
Elevator ("Y"es or "N"o)	N

# Parking:

	_
Surface Parking	✓
Carport	
Underground	
Detached Garage	
Attached Garage	
Tuck-under Garage	
Parking Garage	

### Security:

Gated/Controlled Access/Intercom	
Courtesy Patrol	
Surveillance Cameras	

#### \*See Notes

#### Notes

Management was unwilling to take part in a survey; however, they confirmed that the rents and vacancies on their website were up-to-date. Additional amenities include a dog park. No information on renovations was provided by management; however, based on photographs of unit interiors obtained online, it appears some updating has occurred. Based on these photographs, an effective year built of 2010 is estimated for this property.

Comparable #3 Weston Circle Apartments Property Name Street 400 Weston Lane City, State Fredericksburg, VA Spotslvania County Phone Number 540-264-3951 Steven Contact Name Property Type Multifamily Rent Type LIHTC Proximity 3.57 miles Garden (3 Story) Structure Yes, N/A 10% **HCV** Tenants Yearly Turnover % Leasing Pace Preleased Waiting List N/A Concessions None Change in Rent Increased in 2024 - N/A Year Built/Renovated 2003 Comp ID Number 22928



#### **Property Description:**

Bed/Bath/AMI	Area (SF)	Units	Rent	Concession (monthly)	Vacant Units	Vacancy Rate
1/1.0/60%	711	18	\$1,435	\$0	0	0.0%
2/1.0/60%	831	12	\$1,535	\$0	0	0.0%
2/2.0/60%	1,007	90	\$1,599	\$0	0	0.0%
3/2.0/60%	1,164	30	\$1,749	\$0	0	0.0%
Total Units		150			0	0.0%

<b>Utilities:</b>			<b>Unit Amenities:</b>
	Who Pays	Gas/Electric	
	Utility?	G=Gas	Central Heat/Cool
		E=Electric	Blinds
Other Electric	T	E	Carpet
Heat	T	E	Ceiling Fan
Water Heat	T	E	Skylight
Cooking	T	E	Storage Closet
Water	L		Coat Closet
Sewer	L		Walk-In Closet
Trash	L		Fireplace
			Patio/Balcony

Appliances:	
Refrigerator	<b>\</b>
Stove/Oven	✓
Dishwasher	✓
Garbage Disposal	✓
Microwave	
Washer/Dryer	✓
Washer/Dryer Hook-up	

### **Property Amenities:**

<b>✓</b>
<b>✓</b>
<b>✓</b>
<b>✓</b>
<b>✓</b>
<b>✓</b>
<b>✓</b>
<b>✓</b>
<b>\</b>
N

### Parking:

	_
Surface Parking	✓
Carport	
Underground	
Detached Garage	
Attached Garage	
Tuck-under Garage	
Parking Garage	

### Security:

Gated/Controlled Access/Intercom	
Courtesy Patrol	
Surveillance Cameras	

\*See Notes

Notes

Management indicated no major renovations have occurred and no evidence of renovations could be obtained from online photographs or exterior observation of the property; therefore, it is assumed this property has an effective age consistent with its actual age.

Comparable #4 Property Name Crestview Apartments Street 100 Crestview Way City, State Fredericksburg, VA County Spotslvania 540-299-2905 Phone Number Contact Name Alejandra Multifamily Property Type Rent Type LIHTC Proximity 3.71 miles Garden (3 Story) Structure **HCV** Tenants 35% Yearly Turnover % 17%

Leasing Pace Preleased to Two Weeks

Waiting List None Concessions None

Change in Rent Increased with rent limits in 2024

Year Built/Renovated 2000 Comp ID Number 22927

<b>Property</b>	<b>Description:</b>

Bed/Bath/AMI	Area (SF)	Units	Rent	Concession (monthly)	Vacant Units	Vacancy Rate
1/1.0/60%	863	24	\$1,475	\$0	1	4.2%
2/2.0/60%	988	120	\$1,575	\$0	2	1.7%
3/2.0/60%	1,128	36	\$1,800	\$0	0	0.0%
Total Units		180			3	1.7%

Utilities:		
	Who Pays	Gas/Electric
	Utility?	G=Gas
		E=Electric
Other Electric	T	E
Heat	T	E
Water Heat	T	E
Cooking	T	E
Water	L	
Sewer	L	
Trash	L	

Appliances:	
Refrigerator	✓
Stove/Oven	<b>✓</b>
Dishwasher	<b>✓</b>
Garbage Disposal	✓
Microwave	
Washer/Dryer	✓
Washer/Dryer Hook-up	

1 Toperty Amenities.	
Community Room	<b>\</b>
Swimming Pool	✓
Spa/Jacuzzi	
Exercise Room	✓
Picnic Area	✓
Playground	✓
Tennis Court	
Basketball Court	
Volleyball Court	
On-Site Manager	✓
Laundry Room	
Computer Room	
Business Center	
Car Wash Area	
Additional Services	
Elevator ("Y"es or "N"o)	N

Parking:	
Surface Parking	✓
Carport	
Underground	
Detached Garage	
Attached Garage	
Tuck-under Garage	
Parking Garage	

Survey Date: 11/27/2024

Security:	
Gated/Controlled Access/Intercom	
Courtesy Patrol	
Surveillance Cameras	

\*See Notes

Notes:

No information on renovations was provided by management and photographs of unit interiors obtained online indicate little to no updating has occurred; therefore, an effective age consistent with the property's actual age is estimated for this property.

#### Comparable #5 Property Name Valor Apartment Homes Street 1150 Noble Way City, State Fredericksburg, VA County Spotslvania 540-453-8695 Phone Number Contact Name Callista Property Type Multifamily Rent Type LIHTC Proximity 4.00 miles Garden (4 Story) Structure **HCV** Tenants Yes, N/A Yearly Turnover % 10% Preleased Leasing Pace Waiting List None Concessions None Change in Rent None in 2024 Year Built/Renovated 2016 Comp ID Number 22926



#### **Property Description:**

Bed/Bath/AMI	Area (SF)	Units	Rent	Concession (monthly)	Vacant Units	Vacancy Rate
1/1.0/60%	775	18	\$1,525	\$0	0	0.0%
2/2.0/60%	1,032	72	\$1,725	\$0	0	0.0%
3/2.0/60%	1,233	30	\$1,975	\$0	0	0.0%
Total Units		120			0	0.0%

Utilities:			Unit Ameniti
Cunties.	Who Pays	Gas/Electric	Ome Amemaes
	Utility?	G=Gas	Central Heat/Co
		E=Electric	Blinds
Other Electric	T	E	Carpet
Heat	T	E	Ceiling Fan
Water Heat	T	E	Skylight
Cooking	T	E	Storage Closet
Water	T		Coat Closet
Sewer	T		Walk-In Closet
Trash	L		Fireplace
			Patio/Balcony

Appliances:	
Refrigerator	✓
Stove/Oven	✓
Dishwasher	✓
Garbage Disposal	✓
Microwave	✓
Washer/Dryer	✓
Washer/Dryer Hook-up	

# **Property Amenities:**

Community Room	✓
Swimming Pool	✓
Spa/Jacuzzi	
Exercise Room	✓
Picnic Area	<b>&gt;</b>
Playground	<b>&gt;</b>
Tennis Court	
Basketball Court	
Volleyball Court	
On-Site Manager	<b>&gt;</b>
Laundry Room	
Computer Room	
Business Center	<b>&gt;</b>
Car Wash Area	<b>&gt;</b>
Additional Services	
Elevator ("Y"es or "N"o)	N

# Parking:

Surface Parking	✓
Carport	
Underground	
Detached Garage	
Attached Garage	
Tuck-under Garage	
Parking Garage	

# Security:

Gated/Controlled Access/Intercom	
Courtesy Patrol	
Surveillance Cameras	

#### \*See Notes

#### Notes

One, two, and three-bedroom units range in size up to 893, 1,173, and 1,342 square feet, respectively. No information on renovations was provided by management and photographs of unit interiors obtained online indicate little to no updating has occurred; therefore, an effective age consistent with the property's actual age is estimated for this property.

#### Comparable #6 Malvern Lakes Apartments Property Name Street 75 Malvern Lakes Circle City, State Fredericksburg, VA County Spotslvania Phone Number 833-878-7849 Contact Name Tanisha Property Type Multifamily Market Rent Type 2.32 miles Proximity Structure Garden (3 Story) **HCV** Tenants N/A Yearly Turnover % N/A N/A Leasing Pace Waiting List N/A Concessions None Change in Rent N/A Year Built/Renovated 2001 Comp ID Number 22937 Property Description



	- F V	1 1						
	Bed/Bath	Area (SF)	Units	Rent	Concession (monthly)	Vacant Units	Vacancy Rate	
•	1/1.0	787	30	\$1,500	\$0	2	6.7%	
	2/2.0	1,094	90	\$1,875	\$0	4	4.4%	
	3/2.0	1,320	30	\$2,000	\$0	0	0.0%	
	Total Units		150			6	4.0%	_

Utilities:		
	Who Pays	Gas/Electric
	Utility?	G=Gas
		E=Electric
Other Electric	T	E
Heat	T	E
Water Heat	T	E
Cooking	T	E
Water	T	
Sewer	T	
Trash	T	

Appliances:	
Refrigerator	<b>✓</b>
Stove/Oven	✓
Dishwasher	✓
Garbage Disposal	✓
Microwave	✓
Washer/Dryer	✓
Washer/Dryer Hook-up	

Property Amenities:	
Community Room	
Swimming Pool	✓
Spa/Jacuzzi	
Exercise Room	✓
Picnic Area	✓
Playground	✓
Tennis Court	✓
Basketball Court	✓
Volleyball Court	✓
On-Site Manager	✓
Laundry Room	
Computer Room	
Business Center	✓
Car Wash Area	✓
Additional Services*	✓
Elevator ("Y"es or "N"o)	N

Underground	
Detached Garage	
Attached Garage	
Tuck-under Garage	
Parking Garage	
Security:	
Security:	
Gated/Controlled Access/Intercom	✓
Courtesy Patrol	
Surveillance Cameras	

Parking:

Carport

Surface Parking

\*See Notes

Notes

Management was unwilling to answer leasing questions over the phone. One-bedroom units range in size up to 832 square feet. Renovated one, two, and three-bedroom units rent up to \$1,550, \$1,900, and \$2,100, respectively. Additional amenities include a dog park. Based on photographs of unit interiors obtained online, an effective year built of 2001 is estimated for the property's non-renovated units and an effective year built of 2005 is estimated for this property's renovated units.

#### Comparable #7 Silver Collection at Celebrate Apartments Property Name Street 2530 Celebrate Virginia Parkway City, State Fredericksburg, VA County Spotslvania Phone Number 540-401-5679 Contact Name Daylyshja Property Type Multifamily Rent Type Market Proximity 2.17 miles Structure Garden (3 Story) **HCV** Tenants 5%

Yearly Turnover % 22%

Leasing Pace Preleased to One Week

Waiting List None
Concessions Yes
Change in Rent None in 2024

Year Built/Renovated 2018 Comp ID Number 22936



Property Description:								
	Bed/Bath	Area (SF)	Units	Rent	Concession	Vacant Units	Vacancy	
	DCG/Datii	(n	(monthly)	vacant Omis	Rate			
	1/1.0	706	120	\$1,900	\$158	4	3.3%	
	2/2.0	1,122	134	\$2,245	\$187	4	3.0%	
	3/2.0	1,398	4	\$2,825	\$235	2	50.0%	
	Total Units		258			10	3.9%	-

Utilities:			<b>Unit Amenities:</b>	
	Who Pays	Gas/Electric	<u> </u>	
	Utility?	G=Gas	Central Heat/Cool	Ī
		E=Electric	Blinds	Π
Other Electric	T	E	Carpet	
Heat	T	E	Ceiling Fan	
Water Heat	T	E	Skylight	
Cooking	T	E	Storage Closet	
Water	T		Coat Closet	
Sewer	T		Walk-In Closet	
Trash	T		Fireplace	
			Patio/Balcony	

Appliances:	
Refrigerator	<b>✓</b>
Stove/Oven	✓
Dishwasher	✓
Garbage Disposal	✓
Microwave	✓
Washer/Dryer	✓
Washer/Dryer Hook-up	

Troperty Amenica.	
Community Room	✓
Swimming Pool	✓
Spa/Jacuzzi	✓
Exercise Room	✓
Picnic Area	✓
Playground	
Tennis Court	
Basketball Court	
Volleyball Court	
On-Site Manager	✓
Laundry Room	
Computer Room	
Business Center	✓
Car Wash Area	✓
Additional Services*	✓
Elevator ("Y"es or "N"o)	N

Underground	
Detached Garage*	
Attached Garage*	
Tuck-under Garage	
Parking Garage	
Security:	
Gated/Controlled Access/Intercom	
Courtesy Patrol	
Surveillance Cameras	

Parking:

Carport

Surface Parking

\*See Notes

Notes:

One and two-bedroom units range in size up to 834 and 1,217 square feet and rent up to \$2,160 and \$2,680, respectfully. Detached and attached garages are available to rent for \$225 and \$275 per month, respectively. Additional amenities include a dog park, pet spa, and free daily breakfast. Management indicated no major renovations have occurred. Based on this information, as well as photographs of unit interiors obtained online, an effective age consistent with the property's actual age is estimated for this property. Concessions include one month free on all vacant units.

#### Comparable #8 Silver Collection at Carl D Silver Parkway Property Name Street 1201 Ashford Circle Fredericksburg, VA City, State County Spotslvania Phone Number 540-401-5610 Contact Name Madison Property Type Multifamily Rent Type Market Proximity 3.78 miles Structure Mid-Rise (4 Story) **HCV** Tenants

Yes, N/A

13%

Preleased to Two Weeks Leasing Pace Waiting List None Concessions Yes None in 2024 Change in Rent

Yearly Turnover %

Year Built/Renovated 2019 Comp ID Number 22934



#### **Property Description:** Concession Vacancy Bed/Bath Area (SF) Units Rent Vacant Units (monthly) Rate 1/1.0 728 189 \$1,870 \$156 2.1% 997 2/2.0 162 \$2,300 \$192 7 4.3% 3/2.0 1,526 18 \$3,425 \$285 5.6% Total Units 369 12 3.3%

Utilities:			<b>Unit Amenities:</b>
	Who Pays	Gas/Electric	·
	Utility?	G=Gas	Central Heat/Cool
		E=Electric	Blinds
ner Electric	T	E	Carpet
t	T	E	Ceiling Fan
ter Heat	T	E	Skylight
king	T	E	Storage Closet
er	T		Coat Closet
er	T		Walk-In Closet
h	T		Fireplace
			Patio/Balcony

Appliances:	
Refrigerator	✓
Stove/Oven	<b>✓</b>
Dishwasher	<b>✓</b>
Garbage Disposal	✓
Microwave	<b>√</b>
Washer/Dryer	
Washer/Dryer Hook-up	

Property Amenities:	
Community Room	✓
Swimming Pool	✓
Spa/Jacuzzi	✓
Exercise Room	✓
Picnic Area	✓
Playground	
Tennis Court	
Basketball Court	
Volleyball Court	
On-Site Manager	✓
Laundry Room	
Computer Room	
Business Center	✓
Car Wash Area	✓
Additional Services*	✓
Elevator ("Y"es or "N"o)	Y

curport	
Underground	
Detached Garage*	
Attached Garage*	
Tuck-under Garage	
Parking Garage	
Security:	
Security :  Gated/Controlled Access/Intercom	
Gated/Controlled Access/Intercom	

Parking:

Surface Parking

\*See Notes

One and two-bedroom units range in size up to 728 and 838 square feet and rent up to \$2,000 and \$2,545, respectively. Detached and attached garages are available to rent for \$255 and \$265 per month, respectively. Additional amenities include a dog park, pet spa, and free daily continental breakfast for tenants. Management indicated no major renovations have occurred. Based on this information, as well as photographs of unit interiors obtained online, an effective age consistent with the property's actual age is estimated for this property. Concessions include one month free on all vacant units.

#### Comparable #9 Property Name MAA Seasons Apartments Street 1001 Dunes Street City, State Fredericksburg, VA County Spotslvania Phone Number 540-516-3813 Contact Name Danielle Property Type Multifamily Rent Type Market 3.92 miles Proximity Structure Garden (3 Story) **HCV** Tenants N/A Yearly Turnover % N/A N/A Leasing Pace Waiting List N/A Concessions None N/A Change in Rent Year Built/Renovated 2011 Comp ID Number 22932



110pcity Desc	cription.					
Bed/Bath	Area (SF)	Units	Rent	Concession	Vacant Units	Vacancy
Ded/ Batti	ruca (SI)	Cints	Kent	(monthly)	vacant omis	Rate
1/1.0	781	249	\$1,688	\$0	8	3.2%
2/2.0	1,157	208	\$1,913	\$0	7	3.4%
3/2.0	1,300	26	\$2,713	\$0	1	3.8%
Total Units		483			16	3.3%

Utilities:		
	Who Pays	Gas/Electric
	Utility?	G=Gas
		E=Electric
Other Electric	T	E
Heat	T	E
Water Heat	T	E
Cooking	T	E
Water	T	
Sewer	T	
Trash	T	

✓
✓
✓
✓
✓
✓

Property Amenities:	
Community Room	✓
Swimming Pool	✓
Spa/Jacuzzi	
Exercise Room	<b>✓</b>
Picnic Area	<b>✓</b>
Playground	
Tennis Court	
Basketball Court	
Volleyball Court	
On-Site Manager	✓
Laundry Room	
Computer Room	
Business Center	✓
Car Wash Area	✓
Additional Services*	✓
Elevator ("Y"es or "N"o)	N

Detached Garage	Ш
Attached Garage	
Tuck-under Garage	
Parking Garage	
Security:	
Gated/Controlled Access/Intercom	✓
Gated/Controlled Access/Intercom Courtesy Patrol	<b>&gt;</b>
Catedy Controlled Licensey Intercom	<b>√</b>

Parking:

Surface Parking Carport

Underground

\*See Notes

Notes:

Management was unwilling to take part in a survey; however, they confirmed that rents and vacancy information from their website was accurate and up-to-date. One-bedroom units range in size up to 995 square feet and rent up to \$2,003. Additional amenities include a dog park and movie theatre. No information on renovations was provided by management and photographs of unit interiors obtained online indicate little to no updating has occurred; therefore, an effective age consistent with the property's actual age is estimated for this property.



## **Property Characteristics**

Presented below are some of the major physical characteristics of the surveyed comparable properties. Each of these characteristics will be compared to the proposed physical attributes of the Subject in the following section.

#### **Unit Size**

The following table illustrates the unit sizes of the Subject and the comparable properties.

Unit Size					
Unit	Subject	Surveyed	Surveyed	Surveyed	Advantage/
Type	Subject	Min	Max	Average	Disadvantage
1BR	738	706	863	764	-3.5%
2BR	876	831	1,451	1,116	-21.5%

The data demonstrates that the Subject's one and two-bedroom units are within the surveyed range. The Subject is an existing property that is currently 100 percent occupied, which shows that the Subject has been accepted into the market.

We have applied a market standard that has been observed in similar markets as follows: the square foot difference between the Comparable and the Subject is divided by four and then multiplied by the rent per square foot of the Comparable. In other words, we are estimating that the additional square footage is worth approximately 25 percent of the rent per square foot in comparison to the base square footage.

### **Bathroom Adjustment**

The Subject and comparable properties have a varying number of bathrooms. An adjustment utilizing the market comparables was unable to be conducted. Therefore, an adjustment of \$10.00 per full bathroom and \$5.00 per half bathroom has been utilized.



## **Age & Condition**

The Subject will be a rehabilitation of an existing apartment complex with an expected completion in 2027. The Subject will be in good condition and have an estimated effective year built of 2015 following the renovation. The comparables were built or renovated between 1967 and 2015. Based on information obtained from property management and/or online photographs regarding the date and extent of the renovations, an effective year built was estimated for each property.

Adjustments were applied to each comparable based on approximately \$12.00 per year difference between the effective year built of the Subject (2015) and the effective year built of each comparable, rounded to the nearest \$10 increment. The adjustment was based on pairing analyses between more recently constructed properties and properties of older vintage located within the region, as well as a condition pairing analysis utilizing Comparable 6. The tables below outline the adjustments applied to each comparable and the condition pairing.

Age & Condition Adjustment - Post Renovation						
Comparable	Property Name	Year Built/Ren.	Effective Year Built	Adjustment		
Subject	English Oaks Senior Apartments	2002/2027	2015	-		
1	England Run Townhomes	2001	2001	\$170		
2	England Run North Apartments	2000	2010	\$60		
3	Weston Circle Apartments	2003	2003	\$140		
4	Crestview Apartments	2000	2000	\$180		
5	Valor Apartment Homes	2016	2016	(\$10)		
6	Malvern Lakes Apartments	2001	2001	\$170		
7	Silver Collection at Celebrate Apartments	2018	2018	(\$40)		
8	Silver Collection at Carl D Silver Parkway	2019	2019	(\$50)		
9	MAA Seasons Apartments	2011	2011	\$50		

Condition Pairing										
Property Name	Malvern	Lakes Ap	artments	Malvern	Lakes Ap	artments	Malvern Lakes Apartments			
City, State	75 Mal	vern Lake	s Circle	75 Mal	vern Lake	s Circle	75 Malvern Lakes Circle			
Unit Size in SF	787	787		1094	1094		1320	1320		
Base Rent	\$1,500	\$1,550		\$1,875	\$1,900		\$2,000	\$2,100		
Value Ratio (\$/SF)	\$1.91	\$1.97		\$1.71	\$1.74		\$1.52	\$1.59		
Effective Age	2001	2005		2001	2005		2001	2005		
Unit Size Adjustment	787	787	<b>\$0</b>	1094	1094	<b>\$0</b>	1320	1320	<b>\$0</b>	
Other Amenity Adjustments										
Adjusted Rent	\$1,500		\$1,550	\$1,875		\$1,900	\$2,000		\$2,100	
Rent Difference		\$50			\$25			\$100		
Age Difference		4			4			4		
Price Per Year		\$12.50		\$6.25			\$25.00			

#### Location

The comparable properties are located between 0.23 and 4.00 miles from the Subject in similar locations to the Subject's location; therefore, no location adjustments were necessary for the comparables.



### **Utility Structure**

Tenants at the Subject are responsible for electric utilities, including general electric, air conditioning, and cooking. The landlord will be responsible for the gas expenses, including heating and hot water, as well as the cold water, sewer, and trash expenses. Adjustments were applied to those comparables with utility structures different from that of the Subject. The adjustments were based on the utility allowance obtained from the Central Virginia Housing Coalition; a copy of the utility allowance schedule is included in Addenda.

- Tenants at Comparables 1, 2, 3, and 4 are responsible for heating and hot water expenses; therefore, upward adjustments were applied to Comparables 1, 2, 3, and 4.
- Tenants at Comparable 5 are responsible for heating, hot water, cold water, and sewer expenses; therefore, upward adjustments were applied to Comparable 5.
- Tenants at Comparables 6, 7, 8, and 9 are responsible for heating, hot water, cold water, sewer, and trash expenses; therefore, upward adjustments were applied to Comparables 6, 7, 8, and 9.

#### **MARKET CHARACTERISTICS**

Following are relevant market characteristics of comparable properties surveyed:

#### **Unit Mix**

The unit mix for the Subject and comparable properties summation are shown in the following table. The Subject has one and two-bedroom units.

		Unit Mix		
Unit Type	Total Units (Subject)	Percent (Subject)	Total Units (Comps)	Percent (Comps)
1 BR	23	19.3%	648	29.9%
2 BR	96	80.7%	1,036	47.7%
3 BR	0	0.0%	486	22.4%
Total	119	100.0%	2,170	100.0%

The unit mix will work well for the intended tenant base.



#### **Turnover**

The table below illustrates the turnover rate reported by each comparable property. Comparables 1, 2, 6, and 9 were unable to provide turnover information; therefore, they have been excluded from the analysis.

	Turnover								
Comp#	Property Name	Rent Structure	Turnover						
1	England Run Townhomes	LIHTC	N/A						
2	England Run North Apartments	LIHTC	N/A						
3	Weston Circle Apartments	LIHTC	10%						
4	Crestview Apartments	LIHTC	17%						
5	Valor Apartment Homes	LIHTC	10%						
6	Malvern Lakes Apartments	Market	N/A						
7	Silver Collection at Celebrate Apartments	Market	22%						
8	Silver Collection at Carl D Silver Parkway	Market	13%						
9	MAA Seasons Apartments	Market	N/A						
	Average Turnover		14%						

The comparables illustrate a turnover range from ten to 22 percent, with an overall average of 14 percent. The Subject reported an annual turnover of approximately five percent. We estimate average turnover at the Subject should continue to be five percent or less, annually.

#### **Concessions**

Comparables 7 and 8 are offering one month free rent on all vacant units. None of the other comparable developments included in the survey are offering concessions. Occasional concessions are consistent with ongoing marketing strategies during periods of increased tenant turnover and high vacancy rates. Concessions are considered temporary, and not part of an ongoing marketing strategy within the Subject's market. With demand for affordable units in the PMA, we do not anticipate it will be necessary for the Subject to offer concessions.



# **Leasing Pace**

A quick leasing pace indicates a strong market with high occupancy and unmet demand. Properties that are preleased generally maintain waiting lists. Leasing pace information was not available for Comparables 1, 2, 6, and 9. The table below illustrates the leasing pace reported by each comparable property.

	Leasing Pace									
Comp#	Comparable Name	Rent Structure	Leasing Pace							
1	England Run Townhomes	LIHTC	N/A							
2	England Run North Apartments	LIHTC	N/A							
3	Weston Circle Apartments	LIHTC	Preleased							
4	Crestview Apartments	LIHTC	Preleased to Two Weeks							
5	Valor Apartment Homes	LIHTC	Preleased							
6	Malvern Lakes Apartments	Market	N/A							
7	Silver Collection at Celebrate Apartments	Market	Preleased to One Week							
8	Silver Collection at Carl D Silver Parkway	Market	Preleased to Two Weeks							
9	MAA Seasons Apartments	Market	N/A							

The comparables reported leasing paces between preleased to two weeks. The Subject has a leasing pace of preleased to one week.

# **Waiting Lists**

In markets with high housing costs and a limited supply of affordable housing, waiting lists are common. A waiting list indicates a strong market with high occupancy and unmet demand. Properties that carry a waiting list typically enjoy easy lease-up on turnover. Comparables 2, 3, 6, and 9 were unable to provide this information. The table below illustrates the waiting list status at each of the comparables.

	Waiting Lists									
Comp#	Property Name	Rent Structure	Waiting List							
1	England Run Townhomes	LIHTC	Yes, N/A							
2	England Run North Apartments	LIHTC	N/A							
3	Weston Circle Apartments	LIHTC	N/A							
4	Crestview Apartments	LIHTC	None							
5	Valor Apartment Homes	LIHTC	None							
6	Malvern Lakes Apartments	Market	N/A							
7	Silver Collection at Celebrate Apartments	Market	None							
8	Silver Collection at Carl D Silver Parkway	Market	None							
9	MAA Seasons Apartments	Market	N/A							

Comparable 1 maintains a waiting list. The Subject does not currently maintain a waiting list.



# **Voucher Percentage**

The table below illustrates how many of the comparable properties utilize housing choice vouchers and what percentage of their tenants are using them. Comparables 2, 6, and 9 were unable to share this information.

Housing Choice Voucher Usage									
Comp#	Comparable Name	Rent Structure	Voucher Use %						
1	England Run Townhomes	LIHTC	Yes, N/A						
2	England Run North Apartments	LIHTC	N/A						
3	Weston Circle Apartments	LIHTC	Yes, N/A						
4	Crestview Apartments	LIHTC	35%						
5	Valor Apartment Homes	LIHTC	Yes, N/A						
6	Malvern Lakes Apartments	M arket	N/A						
7	Silver Collection at Celebrate Apartments	M arket	5%						
8	Silver Collection at Carl D Silver Parkway	M arket	Yes, N/A						
9	MAA Seasons Apartments	M arket	N/A						

Six comparables have tenants utilizing Housing Choice Vouchers, ranging from five to 35 percent of their tenants. Four comparables reported having tenants utilizing vouchers but were unable to provide accurate estimates on the number of tenants.

# Vacancy

The chart below shows overall vacancy rates, as well as vacancy by property at the comparable properties included in the survey.

		Vacancy			
Comp#	Property Name	Rent Structure	<b>Total Units</b>	Vacant Units	Vacancy Rate
1	England Run Townhomes	LIHTC	120	0	0.0%
2	England Run North Apartments	LIHTC	340	6	1.8%
3	Weston Circle Apartments	LIHTC	150	0	0.0%
4	Crestview Apartments	LIHTC	180	3	1.7%
5	Valor Apartment Homes	LIHTC	120	0	0.0%
6	Malvern Lakes Apartments	Market	150	6	4.0%
7	Silver Collection at Celebrate Apartments	Market	258	10	3.9%
8	Silver Collection at Carl D Silver Parkway	Market	369	12	3.3%
9	MAA Seasons Apartments	Market	483	16	3.3%
		<u>-</u>		Average	2.4%

Vacancy by Unit Type									
Unit Type	<b>Total Units</b>	Total # of Vacant	Percent						
1 BR	648	19	2.9%						
2 BR	1036	28	2.7%						
3 BR	486	6	1.2%						
Total	2,170	53	2.4%						



Vacancy at comparable properties ranges from 0.0 percent to 4.0 percent, with an overall vacancy rate of 2.4 percent. The Subject is 100 percent occupied. Taking the vacancy rates in the market into account, we expect the Subject to maintain at or near 100 percent occupancy.

#### **Rent History**

The table below illustrates the change in rents over the last year. Rent history was not available for Comparables 2, 6, and 9.

	Rent History									
Comp#	Comparable Name	Rent Structure	Change in Rent							
1	England Run Townhomes	LIHTC	Yes, Increased in 2024 - N/A							
2	England Run North Apartments	LIHTC	N/A							
3	Weston Circle Apartments	LIHTC	Increased in 2024 - N/A							
4	Crestview Apartments	LIHTC	Increased with rent limits in 2024							
5	Valor Apartment Homes	LIHTC	None in 2024							
6	Malvern Lakes Apartments	Market	N/A							
7	Silver Collection at Celebrate Apartments	Market	None in 2024							
8	Silver Collection at Carl D Silver Parkway	Market	None in 2024							
9	MAA Seasons Apartments	Market	N/A							

Three comparables reported rent increases over the last year while three comparables reported no rent increases.

## Absorption

The Subject is an existing affordable housing development that will be renovated with low-income housing tax credits. It is currently 100 percent occupied. According to the developer, minimal tenant displacement will occur during renovation. Therefore, we do not anticipate that the property will experience a typical lease-up period upon the completion of renovations and any units that may become vacant during the renovation process would be quickly re-absorbed.

### **Adjustment Grids**

The following charts compare the Subject's proposed rents with the LIHTC and market rents of surveyed properties. The following adjustment matrices illustrate the adjustments applied to both the LIHTC and market rate comparables.

Rei	nt Adjustment Table F	or Multifamily Projects
Characteristics	Adjustment	Comment
Elevator (Yes/No)	\$10	
Age (built or renovated)	\$12.00	
Tenant Paid Utilities		
Electricity	From U.A.	Use amount from the utility allowance schedule
Heat	From U.A.	Use amount from the utility allowance schedule
Hot Water	From U.A.	Use amount from the utility allowance schedule
CookingPower	From U.A.	Use amount from the utility allowance schedule
TV	From U.A.	Use amount from the utility allowance schedule
Water/Sewer/Trash	From U.A.	Use amount from the utility allowance schedule
Sewer	From U.A.	Use amount from the utility allowance schedule
Trash	From U.A.	Use amount from the utility allowance schedule
Unit Amenities		
Central Heat/Cool	\$20	Central VS Wall \$10
Blinds	\$5	
Carpet	\$0	
Ceiling Fan	\$5	
Skylight/Vaulted Cielings	\$10	
Storage Closet	\$5	
Coat Closet	\$0 \$5	
Walk-In Closet Fireplace	\$5 \$5	
Patio/Balcony	\$5 \$5	
Aplliances	ψ	
Refrigerator	\$20	
Stove/Oven	\$20	
Dishwasher	\$10	
Garbage Disposal	\$0	
Microwave	\$5	
Washer/Dryer	\$25	
Washer/Dryer Connection	\$15	
Parking/Transportation		
Surface Parking	\$5	Compare to off-site parking
Carport	\$10	
Underground Parking	\$25	
Detached Garage	\$225	
Attached Garage	\$265	
Tuck-Under Garage	\$10	
Parking Garage	\$225	
Project Amenities		
Clubhouse/Community Room	\$10	
Swimming Pool	\$10	
Spa/Jacuzzi	\$5 \$10	
Exercise Room	\$10	
Picnic Area Tot Lot/Playground	\$5 \$5	
Tot Lot/Playground Tennis Court	\$5 \$5	
Basketball Court	\$5 \$5	
Volleyball Court	\$5 \$5	
On-Site Manager	\$10	
Laundy Room	\$10	
Computer Room	\$10	
Business Center	\$10	
Car Wash Area	\$5	
Security		
Gated	\$5	
Courtesy Patrol	\$5	
Emergengy Pull Cords	\$10	
Intercomm	\$5	
Surveillance Cameras	\$5	·

	One-Bedr	oom LIHTC (	Comparat	oles			
Adjustments Matrix: LIHTC 1BR		Weston (		Crestview Ap	artments	Valor Apa Hom	
	Subject Highest Rent	400 Weston Lane		100 Crestview Way		1150 Noble Way	
	Kent	Fredericksh	urg, VA	Fredericksb	urg, VA	Fredericksburg, VA	
Prepared by: Kinetic Valuation Group		540-264-	3951	540-299-	2905	540-453-	8695
Type ("M"arket, "L"ow Income)	Char L	Char L	Adj	Char L	Adj	Char L	Adj
Distance in Miles from Subject Unit Size in SF Base Rent	738	3.57 miles 711 \$1,435 \$2.02	60%	3.71 miles 863 \$1,475 \$1.71	60%	4.00 miles 775 \$1,525 \$1.97	60%
Value Ratio (\$/SF) # of stories Elevator ("Y"es or "N"o)	1 N	3 N	\$10	3 N	\$10	4 N	\$10
# of Bedrooms # of Bathrooms Unit Size Adjustment	1 1 738	1 1 711	\$14	1 1 863	(\$53)	1 1 775	(\$18)
Rent Concessions Age (built or last renovated) Location	2002/2027 Average	None 2003 Similar	\$140	None 2000 Similar	\$180	None 2016 Similar	(\$10)
Utilities Paid by Tenant Electricity Heat ("G"as or "E"lectric)	T L/G	T T/E	\$13	T T/E	\$13	T T/E	\$13
Hot Water (G or E) Cooking (G or E) TV ("C"able or "S"atellite)	L/G T/E T	T/E T/E T	\$5	T/E T/E T	\$5	T/E T/E T	\$5
Water Sewer Trash	L L L	L L L		L L L		T T L	\$27 \$33
Unit Amenities Central Heat/Cool Blinds	<b>*</b>	<i>*</i>		<i>Y</i>		0	\$20 \$5
Carpet Ceiling Fan Skylight	<b>√</b>	·		0		Vinyl	\$0
Storage Closet Coat Closet Walk-In Closet Fireplace	□ ✓ ✓	□ ✓ ✓		✓ ✓ ✓	(\$5)	o ✓ o	\$5
Patio/Balcony Appliances Refrigerator	<b>✓</b>	<b>1</b>		<b>1</b>		<b>✓</b>	
Stove/Oven Dishwasher Garbage Disposal	* * * * * * * * * * * * * * * * * * *	<b>* * *</b>		<i>* * *</i>		<b>* * *</b>	
Microwave Washer/Dryer Washer/Dryer Hook-ups	□ □ ✓	□ ✓ □	(\$25) \$15		(\$25) \$15	<b>√</b> <b>√</b>	(\$5) (\$25) \$15
Parking/Transportation Surface Parking Carport Underground Parking	<b>√</b>	0		0		<b>✓</b>	
Onderground Farking Detached Garage Attached Garage Tuck-under Garage Parking Garage	0	0		0		0	
Project Amenities Clubhouse/Community Room Swimming Pool	<b>✓</b>	<b>*</b>	(\$10)	<b>*</b>	(\$10)	<b>V</b>	(\$10)
Swimming Pool Spa/Jacuzzi Exercise Room Picnic Area		- - - -				- - - -	
Picnic Area Tot Lot/Playground Tennis Court Basketball Court		* *	(\$5) (\$5) (\$5)	· ·	(\$5) (\$5)	<b>↓</b>	(\$5) (\$5)
Dassetvan Court On Site Manager Laundry Room	□ ✓ ✓	✓ ✓	(\$5) \$10		\$10	- - -	\$10
Computer Room Business Center Car Wash Area	0		(\$10)	0		□ ✓	(\$10) (\$5)
Additional Services Security Gated	·		\$5		\$5		\$5
Courtesy Patrol Surveillance Camera Adjusted Rent	0 0		\$1,582		\$1,610		\$1,580
Minimum Maximum Average Concluded Rent	\$1,580 \$1,610 \$1,590 \$1,560						

			Two-Bed	room LIHTC	Comparab	oles					
Adjustments Matrix: LIHTC 2BR		England Townho		England Ru Apartm		Weston ( Apartm		Crestview Ap	partments	Valor Apa Home	
	Subject Highest Rent	2 Sondra	Lane	18 Newcast	le Place	400 Westo	n Lane	100 Crestvi	ew Way	1150 Nobl	le Way
		Fredricksbu	Fredricksburg, VA		Fredricksburg, VA		urg, VA	Fredericksburg, VA		Fredericksburg, VA	
Prepared by: Kinetic Valuation Group		540-917-	5206	540-645-	6516	540-264-	3951	540-299-	2905	540-453-	8695
Type ("M"arket, "L"ow Income) Distance in Miles from Subject Unit Size in SF Base Rent	Char L 876	Char L 0.23 miles 1451 \$1,560	Adj	Char L 0.67 miles 1132 \$1,865	Adj	Char L 3.57 miles 1007 \$1,599	Adj	Char L 3.71 miles 988 \$1,575	Adj	Char L 4.00 miles 1032 \$1,725	Adj
Value Ratio (\$/SF) # of stories	1	\$1.08 2	<b>\$10</b>	\$1.65 3	<b>#10</b>	\$1.59 3	<b>#10</b>	\$1.59 3	<b>#10</b>	\$1.67 4	<b>\$10</b>
Elevator ("Y"es or "N"o) # of Bedrooms # of Bathrooms Unit Size Adjustment	N 2 2 876	N 2 2.5 1451	\$10 (\$5) (\$155)	N 2 2 1132	\$10 (\$105)	N 2 2 1007	\$10 (\$52)	N 2 2 988	\$10 (\$45)	N 2 2 1032	\$10 (\$65)
Rent Concessions Age (built or last renovated) Location Utilities Paid by Tenant	2002/2027 Average	None 2001 Similar	\$170	None 2000 Similar	\$60	None 2003 Similar	\$140	None 2000 Similar	\$180	None 2016 Similar	(\$10)
Heat ("G"as or "E"lectric) Hot Water (G or E) Cooking (G or E)	T L/G L/G T/E	T T/E T/E T/E	\$16 \$6	T T/E T/E T/E	\$16 \$6	T T/E T/E T/E	\$16 \$6	T T/E T/E T/E	\$16 \$6	T T/E T/E T/E	\$16 \$6
TV ("C"able or "S"atellite) Water Sewer Trash	T L L L	T L L L		T L L L		T L L L		T L L L		T T T L	\$34 \$42
Unit Amenities Central Heat/Cool Blinds Carpet Ceiling Fan Skylight Storage Closet	<b>&gt; &gt; 0</b> 0 0	· · · · · · · · · · · · · · · · · · ·	(\$5)	Vinyl	\$0	* * * * * * * * * * * * * * * * * * *		· · · · · · · · · · · · · · · · · · ·	(\$5)	Uinyl	\$20 \$5 \$0
Coat Closet Walk-In Closet Fireplace Patio/Balcony Appliances	>>=>	<b>~</b>	\$5	* - - - -		* · · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	(\$3)	<b>&gt; &gt;</b>	\$5
Refrigerator Stove/Oven Dishwasher Garbage Disposal Microwave Washer/Dryer Washer/Dryer Hook-ups	<b>&gt; &gt; &gt; </b>	<b>* * * 0 * 0</b>	(\$25) \$15	* * * * * * * * * * * * * * * * * * *	(\$5) (\$25) \$15	* * * · · · · · · · · · · · · · · · · ·	(\$25) \$15	* * * * * * * * * * * * * * * * * * *	(\$25) \$15	<b>&gt; &gt; &gt; &gt;</b> □	(\$5) (\$25) \$15
Parking/Transportation Surface Parking Carport Underground Parking Detached Garage Attached Garage Tuck-under Garage Parking Garage Parking Garage	<b>&gt;</b>							0 0 0		<b>&gt;</b>	
Clubhouse/Community Room Swimming Pool Spaylacuzzi Exercise Room Picnic Area Tot Lot/Playground Tennis Court Basketball Court Volleyball Court	> 00 > 00 00 0	<b>&gt;</b>	(\$10) (\$5)	· · · · · · · · · · · · · · · · · · ·	(\$10) (\$5) (\$5)	· · · · · · · · · · · · · · · · · · ·	(\$10) (\$5) (\$5) (\$5) (\$5)	· · · · · · · · · · · · · · · · · · ·	(\$10) (\$5) (\$5)	>> -> > >	(\$10) (\$5) (\$5)
On Site Manager Laundry Room Computer Room Business Center Car Wash Area Additional Services	) <b>\</b> \ \ \ \ \ \ \	0 0 0 0	\$10 (\$10) \$5	0 0 0	\$10 \$0	·	\$10 (\$10) \$5	0	\$10 \$5	0 > > 0	\$10 (\$10) (\$5) \$5
Security Gated Courtesy Patrol Surveillance Camera	0	0		0		0		0		0	
Surveillance Camera Adjusted Rent Minimum Maximum Average Concluded Rent	\$1,582 \$1,827 \$1,714 \$1,790		\$1,582	П	\$1,827		\$1,684	П	\$1,722	П	\$1,753

		One-Bedr	oom Marke	et Rate Compa	rables				
Adjustments Matrix: MKT One-Bedroom Post Renovation		Malvern Apartn		Silver Coll Celebrate A		Silver Collect D Silver I		MAA Seasons	Apartments
2 Oct Meno various	Subject Highest Rent	75 Malvern L		2530 Celebra Parks	te Virginia		1201 Ashford Circle		es Street
		Fredericksl	burg, VA	Fredericks	burg, VA	Fredericks	burg, VA	Fredericksburg, VA	
Prepared by: Kinetic Valuation Group		833-878	-7849	540-401	-5679	540-401	-5610	540-516-3813	
T	Char	Char M	Adj	Char M	Adj	Char M	Adj	Char M	Adj
Type ("M"arket, "L"ow Income) Distance in Miles from Subject Unit Size in SF Base Rent Value Ratio (8/SF)	T 738	2.32 miles 787 \$1,500 \$1.91		2.17 miles 706 \$1,900 \$2.69		3.78 miles 728 \$1,870 \$2.57		3.92 miles 781 \$1,688 \$2.16	
# of stories	1	3	¢10	3	#10	4		3	¢10
Elevator ("Y"es or "N"o) # of Bedrooms	N 1	N 1	\$10	N 1	\$10	Y 1		N 1	\$10
# of Bathrooms	1	1		1		1		1	
Unit Size Adjustment	738	787	(\$23)	706	\$22	728	\$6	781	(\$23)
Rent Concessions Age (built or last renovated) Quality	2002/2027	None 2001	\$170	Yes 2018	(\$158) (\$40)	Yes 2019	(\$156) (\$50)	None 2011	\$50
Location	Average	Similar	φ170	Similar	(ψ40)	Similar	(ψ50)	Similar	φυσ
Utilities Paid by Tenant	-								
Electricity Heat ("G"as or "E"lectric)	T L/G	T T/E	\$13	T T/E	\$13	T T/E	\$13	T T/E	\$13
Heat ("G"as or "E"lectric) Hot Water (G or E)	L/G L/G	T/E T/E	\$13 \$5	T/E T/E	\$13 \$5	T/E T/E	\$13 \$5	T/E	\$13 \$5
Cooking (G or E)	T/E	T/E		T/E		T/E		T/E	
TV ("C"able or "S"atellite) Water	T L	T T	\$27	T T	\$27	T T	\$27	T T	\$27
Sewer	L L	T	\$27 \$33	T	\$27 \$33	T	\$27 \$33	T	\$27 \$33
Trash	L	T	\$15	T	\$15	T	\$15	T	\$15
Unit Amenities		,						ļ.,	
Central Heat/Cool Blinds	<b>*</b>	<b>√</b>		<b>4</b>		<b>*</b>		<b>1</b>	
Carpet	1	1		Vinyl	\$0	Vinyl	\$0	1	
Ceiling Fan		✓	(\$5)	Ý	(\$5)	√ ·	(\$5)	✓	(\$5)
Skylight				Ö				0	
Storage Closet Coat Closet				<b>*</b>	(\$5)	_ ✓		\ \frac{1}{2}	(\$5)
Walk-In Closet	<i>'</i>	· /		· /		· /		7	
Fireplace		✓	(\$5)						
Patio/Balcony	✓	✓		✓		✓		✓	
Appliances Refrigerator	<b>✓</b>	<b>-</b>		<b>√</b>		<b>✓</b>		<b>-</b>	
Stove/Oven	1	1		<b>√</b>		<b>√</b>		1	
Dishwasher	✓	✓		✓		✓		✓	
Garbage Disposal	<b>√</b>	<b>√</b>	(A.E.)	<b>*</b>	(A.E.)	<b>√</b> ✓	(A.E.)	\ \rangle	(de E)
Microwave Washer/Dryer		, v	(\$5) (\$25)	· ·	(\$5) (\$25)		(\$5)	· /	(\$5) (\$25)
Washer/Dryer Hook-ups	<i>-</i>		\$15		\$15	Ō	\$15		\$15
Parking/Transportation									
Surface Parking	<b>✓</b>	<b>√</b> □		<b>✓</b>		<b>√</b>		<b>~</b> _	
Carport Underground Parking									
Detached Garage									
Attached Garage									
Tuck-under Garage Parking Garage									
Project Amenities									
Clubhouse/Community Room	<b>✓</b>	ū	\$10	₹,		<b>*</b>		<b>*</b>	
Swimming Pool Spa/Jacuzzi		<b>√</b>	(\$10)	<b>*</b>	(\$10) (\$5)	<b>√</b>	(\$10) (\$5)	<b>✓</b>	(\$10)
Spa/Jacuzzi Exercise Room	\ \ \	<b> </b>		· ·	(95)	· ·	(95)	\ \rightarrow\	
Picnic Area		✓	(\$5)	✓	(\$5)	✓	(\$5)	✓	(\$5)
Tot Lot/Playground		<b>*</b>	(\$5)						
Tennis Court Basketball Court		<b>✓</b>	(\$5) (\$5)						
Volleyball Court		✓	(\$5) (\$5)	ä					
On Site Manager	<b>*</b>	<b>✓</b>		✓		<b>✓</b>		<b>✓</b>	
Laundry Room	<b>✓</b>		\$10		\$10		\$10		\$10
Computer Room Business Center		\ \'	(\$10)	\ \frac{1}{2}	(\$10)	\ \ \ \ \	(\$10)	\ \rightarrow\	(\$10)
Car Wash Area		✓	(\$5)	✓	(\$5)	✓	(\$5)	✓	(\$5)
Additional Services	✓	✓	\$0	✓	(\$10)	✓	(\$10)	✓	(\$5)
Security Gated		<b>✓</b>	(\$5)					/	(\$5)
Courtesy Patrol		i	(45)					i i	(¢3)
Surveillance Camera				Ō				0	
Adjusted Rent	¢1 (00		\$1,690		\$1,766		\$1,734		\$1,763
Minimum Maximum	\$1,690 \$1,766								
Average	\$1,738								
Concluded Rent	\$1,750								

		Two-Bedr	oom Marke	et Rate Compa	rables				
Adjustments Matrix: MKT Two-Bedroom Post Renovation		Malvern Apartm		Silver Coll Celebrate A		Silver Collect D Silver F		MAA Seasons	Apartments
r ost Kenovanon	Subject Highest Rent	75 Malvern La		2530 Celebra Parky	te Virginia	1201 Ashfo		1001 Dun	es Street
		Fredericksh	ourg, VA	Fredericks	burg, VA	Fredericks	Fredericksburg, VA		burg, VA
Prepared by: Kinetic Valuation Group		833-878-		540-401	-5679	540-401		540-516-3813	
T	Char	Char	Adj	Char	Adj	Char	Adj	Char	Adj
Type ("M"arket, "L"ow Income) Distance in Miles from Subject Unit Size in SF Base Rent Value Ratio (\$\strice{S}\subseteq \text{S}\subseteq \text{V}	L 876	M 2.32 miles 1094 \$1,875 \$1.71		M 2.17 miles 1122 \$2,245 \$2.00		M 3.78 miles 997 \$2,300 \$2.31		M 3.92 miles 1157 \$1,913 \$1.65	
# of stories	1	3	***	3	440	4		3	440
Elevator ("Y"es or "N"o) # of Bedrooms	N 2	N 2	\$10	N 2	\$10	Y 2		N 2	\$10
# of Bathrooms	2	2		2		2		2	
Unit Size Adjustment	876	1094	(\$93)	1122	(\$123)	997	(\$70)	1157	(\$116)
Rent Concessions Age (built or last renovated) Quality Location	2002/2027 Average	None 2001 Similar	\$170	Yes 2018 Similar	(\$187) (\$40)	Yes 2019 Similar	(\$192) (\$50)	None 2011 Similar	\$50
Utilities Paid by Tenant Electricity	Т	Т		Т		Т		Т	
Heat ("G"as or "E"lectric) Hot Water (G or E)	L/G L/G	T/E T/E	\$16 \$6	T/E T/E	\$16 \$6	T/E T/E	\$16 \$6	T/E T/E	\$16 \$6
Cooking (G or E) TV ("C"able or "S"atellite)	T/E T	T/E T		T/E T		T/E T		T/E T	
Water	L	T	\$34	T	\$34	T	\$34	T	\$34
Sewer	L	T	\$42	T	\$42	T	\$42	T	\$42
Trash Unit Amenities	L	T	\$15	T	\$15	T	\$15	T	\$15
Central Heat/Cool	<b>✓</b>	1		<b>√</b>		<b>✓</b>		<b>✓</b>	
Blinds	✓.	✓.		✓		✓		✓.	
Carpet	· ·	<b>*</b>	(A.F.)	Vinyl ✓	\$0	Vinyl	\$0	<b>*</b>	(h.f.)
Ceiling Fan Skylight			(\$5)	ľ	(\$5)	Ö	(\$5)	"	(\$5)
Storage Closet				✓	(\$5)			✓	(\$5)
Coat Closet	<b>*</b>	<b>*</b>		<b>√</b>		✓,		<b>√</b>	
Walk-In Closet Fireplace	· ·	<b>4</b>	(\$5)	<b>✓</b>		<b>√</b>			
Patio/Balcony	~	<i>'</i>	(45)	7		7		7	
Appliances									
Refrigerator Stove/Oven	<b>*</b>	<b>*</b>		<b>*</b>		<b>*</b>		<b>*</b>	
Dishwasher	· /	<i>'</i>		· /		· /		· /	
Garbage Disposal	✓_	✓.		✓.		✓.		✓.	
Microwave Washer/Dryer		<b>*</b>	(\$5) (\$25)	<b>*</b>	(\$5) (\$25)	<b>√</b>	(\$5)	<b>√</b> ✓	(\$5) (\$25)
Washer/Dryer Hook-ups	7		\$15	Ò	\$15	ä	\$15	l ò	\$15
Parking/Transportation									
Surface Parking	· -	· 0		<b>✓</b>		<b>↓</b> □		<b>✓</b>	
Carport Underground Parking						ä			
Detached Garage									
Attached Garage									
Tuck-under Garage Parking Garage									
Project Amenities									
Clubhouse/Community Room	<b>✓</b>		\$10	<b>*</b>	(010)	<b>*</b>	(010)	<b>*</b>	(010)
Swimming Pool Spa/Jacuzzi			(\$10)	, ,	(\$10) (\$5)	<b>*</b>	(\$10) (\$5)		(\$10)
Exercise Room	✓	✓		✓		✓		✓	
Picnic Area		4	(\$5)	<b>√</b>	(\$5)	<b>√</b>	(\$5)	<b>✓</b>	(\$5)
Tot Lot/Playground Tennis Court		<b>*</b>	(\$5) (\$5)						
Basketball Court		✓	(\$5)						
Volleyball Court	_	1	(\$5)	_					
On Site Manager Laundry Room	<b>*</b>	<b>✓</b>	\$10	<b>✓</b>	\$10	<b>√</b>	\$10	<b> </b>	\$10
Computer Room			ΨΙΟ		Ψ10		φ10		ΨΣ
Business Center		✓	(\$10)	✓	(\$10)	✓	(\$10)	✓	(\$10)
Car Wash Area Additional Services		<b>*</b>	(\$5) \$0	<b>*</b>	(\$5) (\$10)	<b>*</b>	(\$5) (\$10)	<b>*</b>	(\$5) (\$5)
Security		,	φU	,	(φ10)	•	(\$10)	]	(\$5)
Gated		<u> </u>	(\$5)	0		0		<u> </u>	(\$5)
Courtesy Patrol									
Surveillance Camera Adjusted Rent			\$2,015		\$1,958		\$2,072		\$1,915
Minimum	\$1,915		Ψ=,σ±υ		ψ <b>2,</b> 700		ψ <b>=</b> ,072		Ψ29/10
Maximum	\$2,072								
Average Concluded Rent	\$1,990 \$2,000								
Concluded Kent	<b>\$2,000</b>	l		l				ı	



## **LIHTC Comparison**

The following chart compares the Subject's highest proposed rents with the adjusted LIHTC rents of surveyed properties.

Rent Comparison LIHTC Adjusted								
Unit Type	Subject's Highest Proposed Rent	Subject's Square Footage	Survey Min. Rents	Survey Max Rents	Survey Avg. Rents	Advantage/ Disadvantage		
1BR/1BA	\$1,560	738	\$1,580	\$1,610	\$1,590	-2%		
2BR/1BA	\$1,790	876	\$1,582	\$1,827	\$1,714	4%		

The Subject's one-bedroom rents are below the range of comparables and the two-bedroom rents are within the range. Overall, the Subject's rents appear to be reasonable.

# **Market Rate Comparison**

The following charts compare the Subject's highest proposed rents with the adjusted market rate rents of surveyed properties.

	Rent Comparison Market Adjusted								
Unit Type	Subject's Highest	Subject's	Survey	Survey	Average	Advantage/			
Omt Type	Proposed Rent	Square Footage	Min. Rents	Max Rents	Rent	Disadvantage			
1BR/1BA	\$1,560	738	\$1,690	\$1,766	\$1,738	-10%			
2BR/1BA	\$1,790	876	\$1,915	\$2,072	\$1,990	-10%			

The Subject's proposed rents are lower than the adjusted market rents surveyed, allowing it to enter the market with a rent advantage.

### **Achievable Market and LIHTC Rents**

The market and LIHTC rents were determined by comparing the aesthetic quality, amenities, unit sizes, etc. to that of the LIHTC and market rate projects in the area. We concluded that the Subject will be competitive with the competition and so achievable rents are within the rental range. Achievable rents represent net LIHTC and market rate rent levels that we believe a project of the Subject's condition and quality could reasonably achieve.

Achievable Rents								
Unit Type	LIHTC Rent	Market Rent						
1BR/1BA	\$1,560	\$1,750						
2BR/1BA	\$1,790	\$2,000						

The Subject's one-bedroom rents are below the range of the LIHTC comparables, while the two-bedroom units are within the range of the LIHTC comparables. The proposed rents offer a ten percent advantage over the average adjusted market rents and are achievable. In conclusion of achievable market rents, primary weight was placed on Comparables 6 and 7 as they are newer comparables and the most similar to the Subject post renovation. Secondary weight was placed on Comparables 5 and 8.



# **Summary Evaluation of the Project**

According to the survey, the market for developments within Fredericksburg is good. All of the LIHTC comparables' occupancy levels are good. Additionally, one LIHTC comparable maintains waiting lists. This is a good indicator of demand of affordable housing in the Fredericksburg area. The Subject's proposed rents are below comparable market rents, providing a tenant rent advantage for low to moderate income households. The rents appear reasonable and are considered achievable. Additionally, the following *Demand Estimate* section illustrates that demand in the area is good and supports the construction of the Subject. Upon completion, the Subject will continue to provide good quality, affordable housing in Fredericksburg.



# **DEMAND ESTIMATE**

#### Introduction

English Oaks Senior Apartments (Subject) is a proposed renovation of an existing apartment complex that consist of 119 units. All of the units are Low-Income Housing Tax Credit (LIHTC)-restricted to senior households (55+) with income levels at or below the 60 percent Area Median Income (AMI) level. We calculated the number of income eligible residents in this section of the analysis assuming LIHTC income guidelines. LIHTC rents are based upon a percentage of the area median gross income (AMI), adjusted for household size and utilities. HUD estimates the relevant income levels, with annual updates. The HUD rents are calculated assuming that the maximum net rent a senior household will pay is 40 percent of its household income at the appropriate AMI level.

Household size is assumed to be 1.5 persons per bedroom for LIHTC rent calculation purposes. Additionally, they assume one-person households are accommodated in one-bedroom units. For LIHTC income purposes, the actual size of the household is used. For example, the maximum rent for a four-person household in a two-bedroom unit is based on an assumed household size of three persons (1.5 per bedroom). However, the maximum income level will be based on the limit for a three-person household (actual size). If the tenant pays utilities in addition to the rent, the rent is reduced by a utility allowance, which is generally estimated by the local Housing Authority.

To assess the likely number of tenants in the market area eligible to live in the Subject, we used Census information as provided by ESRI Demographics.

### **Primary Market Area Defined**

The primary market area (PMA) for this development is defined as a polygon consisting of Fredericksburg and other surrounding communities. Ninety (90) percent of the Subject's tenants are expected to originate from the PMA; demand estimates will be adjusted to reflect this potential for "leakage." The leakage factor reflects the overall limited supply of affordable rental housing options within the region.



#### **INCOME ELIGIBLE CALCULATIONS**

To establish the number of income eligible potential tenants for the Subject, the calculations are as follows:

First, we estimate the Subject minimum and maximum income levels for the proposed LIHTC projects. Minimum income levels were calculated based on the assumption that lower income senior households should pay no more than 40 percent of their income to rent. Often, lower income households pay a higher percentage of gross income toward housing costs.

Eligible Income Requirements								
Minimum Eligible Maximum Proposed								
Unit Type	Income	Eligible Income	Rent					
	60% AMI							
1BR/1BA	\$47,820	\$74,280	\$1,594					
2BR/1BA	\$55,020	\$74,280	\$1,834					

Secondly, we illustrate the household population segregated by income band to determine those who are income qualified to reside in the Subject property. This income distribution is illustrated previously in the demographic analysis section of this report.

Third, we combine the allowable income range with the income distribution analysis to determine the number of potential income qualified households. In some cases, the LIHTC income eligible band overlaps with more than one census income range. In those cases, the prorated share of more than one census range will be calculated. This provides an estimate of the total number of households that are income eligible. This also derives an estimate of the percentage of the households that are income eligible, illustrated by AMI threshold.



### **Income Distribution Table**

The following tables illustrate the income distribution of income-qualified households in the PMA.

Calculation of Potential Household Demand By Income Cohort							
Percent of AMI Level		All Units					
Minimum Income Limit				\$47,820			
Maximum Income Limit				\$74,280			
	Total Senior		Darcant	Total HHs			
Income Category	Renter	Income	within	within			
income Category	Households	Brackets	Cohort	Bracket			
	PMA		Colloit	Diacket			
<\$15,000	474						
\$15,000 - \$24,999	363						
\$25,000 - \$34,999	346						
\$35,000 - \$49,999	541	\$ 2,179	15%	79			
\$50,000 - \$74,999	829	\$ 24,280	97%	805			
\$75,000 - \$99,999	820						
\$100,000 - \$149,999	1,150						
\$150,000 - \$199,999	790						
\$200,000+	912						
Total	6,225			884			
% of total Renter HH within lin	nits v. total num	ber of Ren	ter HH	14.2%			

# **Capture Rate Analysis by Unit Type**

In order to determine demand for the proposed market mix, we also analyzed the demand capture rates expected at the Subject by bedroom type. This analysis illustrates demand for the 60 percent AMI level.

The distribution of the households by unit type is dependent on the following assumptions.

Household Size Distribution by Bedroom Type					
Percentage	Distribution				
Percentage of one person households in studio units	10%				
Percentage of one person households in one bedroom units	75%				
Percentage of two person households in one bedroom units	25%				
Percentage of one person households in two bedroom units	15%				
Percentage of two person households in two bedroom units	75%				

# **Senior Conversion from Ownership to Renter Households**

Included in the calculation is a conversion rate of ownership senior households to renter households. This conversion rate estimates the number of senior households converting to renter households in a given year. It is calculated by multiplying the number of owner-occupied senior households by the conversation rate by the income qualified percentage. A conversion rate of 5.0 percent is a conservative estimate within a given year.



# **Overall Demand**

Overall Demand						
		er Household Dem		edroom Type		
		Household Distrib	ution			
	Household Size	Total Number				
	Distribution	of Households				
1 person	24.1%	6,381				
2 persons	75.9%	20,133				
Total	100%	26,514				
	Inco	me-Qualified Rent	er Demai	nd		
	Total Number of	Percentage	Per	rcent Income-		Number Qualified
	Households	Renter	Qua	alified of Total		Renter Households
	Housenoids	Households	]	Households		Kenter Households
1 person	6,381	x 23.5%	X	14.2%	=	213
2 persons	20,133	x 23.5%	X	14.2%	=	671
Total	26,514					884
		er Household Dem	and by B	edroom Size		
	<u> </u>					Number of Qualified
						Renter Households
One-Bedroom Unit						327
Two-Bedroom Unit						535
Total						863
Total						003
Demand Adjusted for 1	Leakage From Outside	of PMA				
One-Bedroom Unit	Leakage From Outstuc	10%	X	327	=	33
Two-Bedroom Unit		10%	X	535	=	54
Total		1070	Λ	333	_	86
	Annual Conversion Fro	m Oumarchin to P	onton			00
1 person	4,883	x 5.0%	X	14.2%	=	35
2 persons	15,406	x 5.0%	X	14.2%	=	109
Total	- 4					144
						Number of Qualified
						Owner-Occupied
						Households
One-Bedroom Unit						53
Two-Bedroom Unit						87
Total						141
Total Demand						
One-Bedroom Unit	327	+ 33	+	53	=	413
Two-Bedroom Unit	535	+ 54	+	87	=	676
Total Demand				<u> </u>		1,089
Tom Denning	Cant	ure Rate Analysis	- All Uni	ts		1,007
	—— Capi	Developer's				
		Unit Mix	T	otal Demand		Capture Rate
One-Bedroom Unit		3	/	413	=	0.8%
Two-Bedroom Unit		14	/	676	=	2.1%
Total/Overall		18	,	1,089	=	1.6%
Loui, O WI all		10		1,007	_	1.0 / 0



The overall capture rate is 1.6 percent for the one and two-bedroom units. A number below 100 percent is a positive indicator and represents an expected absorption rate of less than one year. A number greater than 100 percent indicates absorption pace longer than one year. The above calculation indicates an expected absorption rate of less than one year.

## **New or Proposed Construction**

The total annual demand estimate is reduced by the number of competitive properties that will come online prior to the Subject. As previously indicated in the *Market Area Economy* section of this report, there are no proposed LIHTC senior properties within the PMA, therefore, no units have been removed from the demand. The calculation is outlined below.

Penetration Rate						
Total Demand Less Projects Proposed or in Absorption Process	1,089	-	0	=	1,089	
Number of Subject's Units to be Absorbed to Reach Stabilized Occupancy of 95%	18	*	95.0%	=	17	
Yielded Annual Capture Rate of Available	17	/	1,089	=	1.6%	

#### Conclusion

The demand analysis illustrates demand for the Subject based on capture rates of eligible income households. The Annual Demand Estimate calculates an annual capture rate of 1.6 percent for the first year for the units. The capture rate average for the Subject and the annual capture rate both appear to be reasonable, indicating the Subject would be fully absorbed within one year of completion. The demographic data often underestimates the demand at lower income levels; it is possible that the Subject property could achieve a greater capture rate than illustrated in this analysis.



# **ADDENDA A**

Assumptions and Limiting Conditions & Certification



#### ASSUMPTIONS AND LIMITING CONDITIONS

- 1. In the event that the client provided a legal description, building plans, title policy and/or survey, etc., the consultant has relied extensively upon such data in the formulation of all analyses.
- 2. The legal description as supplied by the client is assumed to be correct and the consultant assumes no responsibility for legal matters, and renders no opinion of property title, which is assumed to be good and merchantable.
- 3. All information contained in the report, which others furnished, was assumed to be true, correct, and reliable. A reasonable effort was made to verify such information, but the author assumes no responsibility for its accuracy.
- 4. The report was made assuming responsible ownership and capable management of the property. The analyses and projections are based on the basic assumption that the apartment complex will be managed and staffed by competent personnel and that the property will be professionally advertised and aggressively promoted.
- 5. The sketches, photographs, and other exhibits in this report are solely for the purpose of assisting the reader in visualizing the property. The author made no property survey, and assumes no liability in connection with such matters. It was also assumed there is no property encroachment or trespass unless noted in the report.
- 6. The author of this report assumes no responsibility for hidden or unapparent conditions of the property, subsoil or structures, or the correction of any defects now existing or that may develop in the future. Equipment components were assumed in good working condition unless otherwise stated in this report.
- 7. It is assumed that there are no hidden or unapparent conditions for the property, subsoil, or structures, which would render it more or less valuable. No responsibility is assumed for such conditions or for engineering, which may be required to discover such factors. The investigation made it reasonable to assume, for report purposes, that no insulation or other product banned by the Consumer Product Safety Commission has been introduced into the Subject premises. Visual inspection by the consultant did not indicate the presence of any hazardous waste. It is suggested the client obtain a professional environmental hazard survey to further define the condition of the Subject soil if they deem necessary.
- 8. A consulting analysis market study for a property is made as of a certain day. Due to the principles of change and anticipation the value estimate is only valid as of the date of valuation. The real estate market is non-static and change and market anticipation is analyzed as of a specific date in time and is only valid as of the specified date.



- 9. Possession of the report, or a copy thereof, does not carry with it the right of publication, nor may it be reproduced in whole or in part, in any manner, by any person, without the prior written consent of the author particularly as to value conclusions, the identity of the author or the firm with which he or she is connected. Neither all nor any part of the report, or copy thereof shall be disseminated to the general public by the use of advertising, public relations, news, sales, or other media for public communication without the prior written consent and approval of the appraiser. Nor shall the appraiser, firm, or professional organizations of which the appraiser is a member be identified without written consent of the appraiser.
- 10. Disclosure of the contents of this report is governed by the Bylaws and Regulations of the professional appraisal organization with which the appraiser is affiliated: specifically, the Appraisal Institute.
- 11. The author of this report is not required to give testimony or attendance in legal or other proceedings relative to this report or to the Subject property unless satisfactory additional arrangements are made prior to the need for such services.
- 12. The opinions contained in this report are those of the author and no responsibility is accepted by the author for the results of actions taken by others based on information contained herein.
- 13. All applicable zoning and use regulations and restrictions are assumed to have been complied with, unless nonconformity has been stated, defined, and considered in the appraisal report.
- 14. It is assumed that all required licenses, permits, covenants or other legislative or administrative authority from any local, state, or national governmental or private entity or organization have been or can be obtained or renewed for any use on which conclusions contained in this report is based.
- 15. On all proposed developments, Subject to satisfactory completion, repairs, or alterations, the consulting report is contingent upon completion of the improvements in a workmanlike manner and in a reasonable period of time with good quality materials.
- 16. All general codes, ordinances, regulations or statutes affecting the property have been and will be enforced and the property is not Subject to flood plain or utility restrictions or moratoriums, except as reported to the consultant and contained in this report.
- 17. The party for whom this report is prepared has reported to the consultant there are no original existing condition or development plans that would Subject this property to the regulations of the Securities and Exchange Commission or similar agencies on the state or local level.



- 18. Unless stated otherwise, no percolation tests have been performed on this property. In making the appraisal, it has been assumed the property is capable of passing such tests so as to be developable to its highest and best use, as detailed in this report.
- 19. No in-depth inspection was made of existing plumbing (including well and septic), electrical, or heating systems. The consultant does not warrant the condition or adequacy of such systems.
- 20. No in-depth inspection of existing insulation was made. It is specifically assumed no Urea Formaldehyde Foam Insulation (UFFI), or any other product banned or discouraged by the Consumer Product Safety Commission has been introduced into the appraised property. The appraiser reserves the right to review and/or modify this appraisal if said insulation exists on the Subject property.
- 21. Acceptance of and/or use of this report constitute acceptance of all assumptions and the above conditions. This report is not valid for syndication purposes.



#### **CERTIFICATION**

The undersigned hereby certify that, to the best of the knowledge and belief:

- The statements of fact contained in this report are true and correct;
- The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and are our personal, impartial, and unbiased professional analyses, opinions, conclusions, and recommendations;
- We have no present or prospective interest in the property that is the subject of this report, and we have no personal interest with respect to the parties involved;
- We have no bias with respect to any property that is the subject of this report or to the parties involved with this assignment;
- We are working on an appraisal concurrently with this report. We provided a preliminary value analysis in November 2024. We have not completed any other work for this property in the last three years.
- Our engagement in this assignment was not contingent upon developing or reporting predetermined results;
- Our compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal;
- Our analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the requirements of the Code of Professional Ethics & Standards of Valuation Practice of the Appraisal Institute and USPAP;
- Jared Koelzer performed a physical inspection of the property and the Subject's neighborhood December 17, 2024. Hunter Hanson and Jared Koelzer provided assistance with portions of market research and preparation of portions of this report and is competent to perform such analyses. Jay Wortmann, MAI and Amanda Baker, MAI did not inspect the Subject but did perform a review of the report;
- We do not authorize the out of context quoting from or partial reprinting of this market analysis report. Further, neither all nor any part of this report shall be disseminated to the general public by the use of media for public communication without the prior written consent of Kinetic Valuation Group, Inc.;
- The use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives;
- As of the date of this report, Jay Wortmann, MAI has completed the requirements of the continuing education program of the Appraisal Institute.



Jay & Wortman

Jay Wortmann, MAI

Appraiser

(402) 202-0771

jay@kvgteam.com

Certified General

VA - 18714

Expires 7/31/2026

HuterHauson

Hunter Hanson

Senior Real Estate Analyst

(402) 916-5910

hunter@kvgteam.com



# **ADDENDA B**

**Photographs** 



View of the Subject



View of the Subject





View of the Subject



View of the Subject



Leasing Office



Community Room



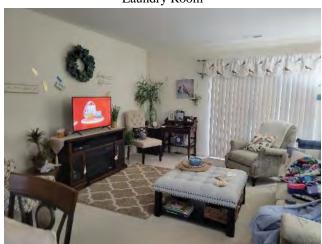
Beauty Salon



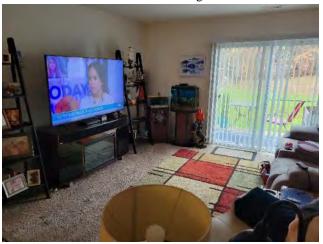
Laundry Room



Surface Parking



Typical Living Area



Typical Living Area



Typical Kitchen



Typical Kitchen



Typical Bedroom



Typical Bedroom



Typical Bathroom



Typical Bathroom



Typical Boiler



Typical Closet



Typical Patio



Typical Washer/Dryer Hook-ups



Plantation Drive facing west



Plantation Drive facing east



Single-Family Homes to the south



Single-Family Home to the east



England Run Townhomes to the west



Single-Family Home to the north



# **ADDENDA C**

Data Sources



#### **DATA SOURCES**

Sources used in this study include data that is both written and oral, published and unpublished, and proprietary and non-proprietary. Real estate developers, housing officials, local housing and planning authority employees, property managers and other housing industry participants were interviewed. In addition, we conducted a survey of existing, comparable properties.

This report incorporates published data supplied by various agencies and organizations including:

- U.S. Census Bureau
- U.S. Bureau of Labor Statistics
- City of Fredericksburg
- Washington DC Economic Partnership
- Central Virginia Housing Coalition
- Stafford County
- Neighborhood Scouts
- ESRI Demographics
- Department of Housing and Urban Development (HUD)
- Stafford County Utility Allowance Schedule
- VHDA Market Study Requirements
- VHDA
- Virginia Housing
- CoStar



# ADDENDA D

Utility Allowance

Family Name: Unit Address:		
Voucher Size*:	Unit Bedroom Size*:	
*Use smaller size to ca	lculate tenant-supplied utilities and appliances.	

		Unit Type: 4 Exposed Walls		Effective	e Date: 07	7/01/2024			
		1	•		Monthly Dol	lar Amount			
Utility	Usage	0 BR	1 BR	2BR	3BŘ	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	\$83.00	\$114.00	\$148.00	\$179.00	\$229.00	\$262.00	\$293.00	\$327.00
	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	\$12.00	\$16.00	\$20.00	\$24.00	\$28.00	\$30.00	\$35.00
	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	\$12.00	\$17.00	\$22.00	\$26.00	\$34.00	\$38.00	\$43.00	\$48.00
Natural Gas	Cooking	\$2.00	\$2.00	\$3.00	\$3.00	\$4.00	\$5.00	\$5.00	\$6.00
	Home Heating	\$12.00	\$16.00	\$21.00	\$25.00	\$33.00	\$36.00	\$41.00	\$46.00
	Water Heating	\$4.00	\$5.00	\$6.00	\$8.00	\$10.00	\$11.00	\$13.00	\$14.00
Oil	Home Heating	\$64.00	\$91.00	\$116.00	\$143.00	\$182.00	\$209.00	\$235.00	\$261.00
	Water Heating	\$21.00	\$29.00	\$38.00	\$46.00	\$59.00	\$67.00	\$76.00	\$84.00
Sewer	Other	\$24.00	\$33.00	\$42.00	\$52.00	\$66.00	\$75.00	\$85.00	\$94.00
Trash Collection	Other	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
Water	Other	\$19.00	\$27.00	\$34.00	\$42.00	\$53.00	\$61.00	\$68.00	\$76.00
UTILITY AI TO	\$	\$	\$	\$	\$	\$	\$	\$	

Family Name: Unit Address:							
Voucher Size*:	Unit Bedroom Size*:						
*Use smaller size to calculate tenant-supplied utilities and appliances.							

		Unit Type: 1 Exposed Wall		Effective Date: 07/01/2024					
			-		Monthly Dol	lar Amount			
Utility	Usage	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	\$62.00	\$86.00	\$111.00	\$135.00	\$172.00	\$197.00	\$221.00	\$246.00
	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)	\$7.00	\$9.00	\$12.00	\$14.00	\$18.00	\$21.00	\$23.00	\$26.00
	Home Heating	\$25.00	\$34.00	\$44.00	\$54.00	\$69.00	\$78.00	\$88.00	\$98.00
	Other Electric	\$14.00	\$20.00	\$25.00	\$31.00	\$39.00	\$45.00	\$50.00	\$56.00
	Water Heating	\$12.00	\$17.00	\$22.00	\$26.00	\$34.00	\$38.00	\$43.00	\$48.00
Natural Gas	Cooking	\$2.00	\$2.00	\$3.00	\$3.00	\$4.00	\$5.00	\$5.00	\$6.00
	Home Heating	\$9.00	\$12.00	\$15.00	\$19.00	\$24.00	\$27.00	\$31.00	\$34.00
	Water Heating	\$4.00	\$5.00	\$6.00	\$8.00	\$10.00	\$11.00	\$13.00	\$14.00
Oil	Home Heating	\$49.00	\$69.00	\$88.00	\$108.00	\$137.00	\$157.00	\$176.00	\$196.00
	Water Heating	\$21.00	\$29.00	\$38.00	\$46.00	\$59.00	\$67.00	\$76.00	\$84.00
Sewer	Other	\$24.00	\$33.00	\$42.00	\$52.00	\$66.00	\$75.00	\$85.00	\$94.00
Trash Collection	Other	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
Water	Other	\$19.00	\$27.00	\$34.00	\$42.00	\$53.00	\$61.00	\$68.00	\$76.00
_	LLOWANCE TAL:	\$	\$	\$	\$	\$	\$	\$	\$

Family Name: Unit Address:		
Voucher Size*:	Unit Bedroom Size*:	
*Use smaller size to ca	lculate tenant-supplied utilities and appliances.	

		Unit Type: 2 Exposed Walls			Effective Date: 07/01/2024				
			-		Monthly Dol	lar Amount			
Utility	Usage	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	\$65.00	\$90.00	\$117.00	\$142.00	\$181.00	\$207.00	\$232.00	\$258.00
	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)	\$7.00	\$9.00	\$13.00	\$15.00	\$19.00	\$22.00	\$24.00	\$27.00
	Home Heating	\$26.00	\$36.00	\$46.00	\$57.00	\$72.00	\$82.00	\$92.00	\$103.00
	Other Electric	\$14.00	\$20.00	\$25.00	\$31.00	\$39.00	\$45.00	\$50.00	\$56.00
	Water Heating	\$12.00	\$17.00	\$22.00	\$26.00	\$34.00	\$38.00	\$43.00	\$48.00
Natural Gas	Cooking	\$2.00	\$2.00	\$3.00	\$3.00	\$4.00	\$5.00	\$5.00	\$6.00
	Home Heating	\$9.00	\$13.00	\$16.00	\$20.00	\$25.00	\$28.00	\$33.00	\$36.00
	Water Heating	\$4.00	\$5.00	\$6.00	\$8.00	\$10.00	\$11.00	\$13.00	\$14.00
Oil	Home Heating	\$51.00	\$72.00	\$92.00	\$113.00	\$144.00	\$165.00	\$185.00	\$206.00
	Water Heating	\$21.00	\$29.00	\$38.00	\$46.00	\$59.00	\$67.00	\$76.00	\$84.00
Sewer	Other	\$24.00	\$33.00	\$42.00	\$52.00	\$66.00	\$75.00	\$85.00	\$94.00
Trash Collection	Other	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
Water	Other	\$19.00	\$27.00	\$34.00	\$42.00	\$53.00	\$61.00	\$68.00	\$76.00
_	LLOWANCE TAL:	\$	\$	\$	\$	\$	\$	\$	\$

Family Name: Unit Address:		
Voucher Size*:	Unit Bedroom Size*:	_
*Use smaller size to ca	lculate tenant-supplied utilities and	appliances.

		Unit Type: 3 Exposed Walls		Effective Date: 07/01/2024					
			-		Monthly Do	lar Amount			
Utility	Usage	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	\$72.00	\$99.00	\$129.00	\$156.00	\$199.00	\$228.00	\$255.00	\$284.00
	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)	\$8.00	\$10.00	\$14.00	\$17.00	\$21.00	\$24.00	\$26.00	\$30.00
	Home Heating	\$29.00	\$40.00	\$51.00	\$63.00	\$79.00	\$90.00	\$101.00	\$113.00
	Other Electric	\$14.00	\$20.00	\$25.00	\$31.00	\$39.00	\$45.00	\$50.00	\$56.00
	Water Heating	\$12.00	\$17.00	\$22.00	\$26.00	\$34.00	\$38.00	\$43.00	\$48.00
Natural Gas	Cooking	\$2.00	\$2.00	\$3.00	\$3.00	\$4.00	\$5.00	\$5.00	\$6.00
	Home Heating	\$10.00	\$14.00	\$18.00	\$22.00	\$28.00	\$31.00	\$36.00	\$40.00
	Water Heating	\$4.00	\$5.00	\$6.00	\$8.00	\$10.00	\$11.00	\$13.00	\$14.00
Oil	Home Heating	\$56.00	\$79.00	\$101.00	\$124.00	\$158.00	\$182.00	\$204.00	\$227.00
	Water Heating	\$21.00	\$29.00	\$38.00	\$46.00	\$59.00	\$67.00	\$76.00	\$84.00
Sewer	Other	\$24.00	\$33.00	\$42.00	\$52.00	\$66.00	\$75.00	\$85.00	\$94.00
Trash Collection	Other	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00
Water	Other	\$19.00	\$27.00	\$34.00	\$42.00	\$53.00	\$61.00	\$68.00	\$76.00
UTILITY AI TO	\$	\$	\$	\$	\$	\$	\$	\$	



# **ADDENDA E**

Site and Floor Plans



738 sf

27.5'

## **Two-Bedroom Unit**

876 sf

30.75'

**English Oaks** 

Construction Start: 12/01/2025

Construction Completion: 04/01/2027

Unit upgrades include new flooring, unit re-paint, interior doors and trim, window coverings, kitchen cabinets, countertops, sinks and kitchen appliances. Sitework upgrades include security improvements, landscaping, concrete/paving repair, pool upgrades (the Regency) and accessibility improvements. Exterior upgrades include exterior finishes, doors and windows, building lighting and roofing.



# **ADDENDA F**

Qualifications of Consultants

# STATEMENT OF PROFESSIONAL QUALIFICATIONS JAY A. WORTMANN, MAI

## **Qualifications of Partners & Key Personnel**

# STATEMENT OF PROFESSIONAL QUALIFICATIONS JAY A. WORTMANN, MAI

#### ASSOCIATION MEMBERSHIPS

Member of the Appraisal Institute with the MAI Designation, No. 519881

#### **STATE CERTIFICATIONS**

State of California Certified General Real Estate Appraiser (3001293)

State of Hawaii Certified General Real Estate Appraiser (CGA 1146)

State of Iowa Certified General Real Estate Appraiser (CG03319)

State of Minnesota Certified General Real Estate Appraiser (40392083)

State of Missouri Certified General Real Estate Appraiser (2013040219)

State of Nebraska Certified General Real Estate Appraiser (CG2014002)

State of New Mexico Certified General Real Estate Appraiser (03455-G)

State of Oklahoma Certified General Real Estate Appraiser (13111CGA)

State of Texas Certified General Real Estate Appraiser (TX 1380393 G)

State of South Dakota Certified General Real Estate Appraiser (1527CG)

State of Florida Certified General Real Estate Appraiser (RZ4153)

#### **EDUCATION**

University of Nebraska, **Bachelor of Science** in Business Administration with an emphasis in Finance and Management, 2004

All educational requirements successfully completed for the Appraisal Institute MAI designation.

Consortium Institute of Management and Business Analysis (CIMBA) Undergraduate Program, Spring Semester 2004, Paderno del Grappa, Italy

#### **EXPERIENCE**

06/2018 to Present Kinetic Valuation Group, President

10/2015 to 06/2018 Lea & Company, President

01/2007 to 10/2015 Lea & Company, Director Midwest Offices

11/2006 to 5/2008 Assumption-Guadalupe Catholic School - South Omaha CORE Development Director

06/2004 to 10/2006 Novogradac & Company LLP, Real Estate Analyst

#### **PROFESSIONAL TRAINING**

**Appraisal Courses Completed:** 

- Basic Appraisal Procedures 10/2008
- Basic Appraisal Principles 12/2008
- Income Approach Part I 07/2010
- Income Approach Part II 08/2010
- General Appraiser Sales Comparison Approach 04/2011
- Market Analysis & Highest & Best Use 05/2011
- Real Estate Finance Statistics and Valuation Modeling 08/2011
- Advanced Income Capitalization 09/2011
- General Appraiser Site Valuation & Cost Approach 10/2011
- General Appraiser Report Writing and Case Studies 12/2011

- National USPAP 15-Hour Course 01/2012
- Nebraska National Appraiser Examination 04/2012
- Advanced Concepts & Case Studies 11/2013
- MAI Comprehensive Exam Module II, III, & IV 04/2014
- MAI Comprehensive Exam Module I 11/2014
- MAI General Demonstration Report-Capstone Program 11/2014

#### **REAL ESTATE ASSIGNMENTS**

A representative sample of various types of projects involved with includes:

- Prepared market studies for proposed Low-Income Housing Tax Credit, market rate, HOME financed, USDA Rural Development, and HUD subsidized properties, on a national basis. Analysis includes property screenings, market analysis, comparable rent surveys, demand analysis based on the number of income qualified renters in each market, supply analysis, and operating expenses analysis. Property types include proposed multifamily, senior independent living, large family, and acquisition with rehabilitation.
- Prepare appraisals of proposed new construction, rehabilitation, and existing Low-Income Housing Tax Credit properties, USDA Rural Development, and market rate multifamily developments. Analysis includes property screenings, valuation analysis, rent comparability studies, expense comparability analysis, determination of market rents, and general market analysis.
- Prepare appraisal work for retail and commercial properties in various parts of the country for various lenders. The client utilized the study for underwriting purposes.
- Conducted market studies for projects under the HUD Multifamily Accelerated Processing program.
- Prepare appraisals of proposed new construction properties under the HUD Multifamily Accelerated Processing program.
- Prepare Rent Comparability Studies for expiring Section 8 HAP contracts for subsidized properties located throughout the United States. Engagements included site visits to the subject property, interviewing and inspecting potentially comparable properties, and the analyses of collected data including adjustments to comparable data to determine appropriate adjusted market rents using HUD form 92273.
- Performed all aspects of data collection and data mining for web-based rent reasonableness systems for use by local housing authorities.

Work assignments completed in various states include:

Arizona	Kentucky	Oklahoma
Arkansas	Michigan	Pennsylvania
California	Minnesota	South Carolina
Colorado	Mississippi	Tennessee
Connecticut	Missouri	Texas
Florida	Montana	Utah
Hawaii	Nebraska	Washington
Idaho	New Jersey	Wisconsin
Iowa	New Mexico	Wyoming
Kansas	North Dakota	

### STATEMENT OF PROFESSIONAL QUALIFICATIONS AMANDA M. BAKER, MAI

#### I. Professional Affiliation

Member of the Appraisal Institute with the MAI Designation, No. 511086

#### **II.** State Certifications

State of Arizona Certified General Real Estate Appraiser (32065)

State of California Certified General Real Estate Appraiser (3002360)

State of Colorado Certified General Real Estate Appraiser (CG.200000747)

State of Illinois Certified General Real Estate Appraiser (553.002828)

State of Kansas Certified General Real Property Appraiser (G-2960)

State of Kentucky Certified General Real Property Appraiser (5615)

State of Louisiana Certified General Real Property Appraiser (G-3944)

State of Missouri Certified General Real Estate Appraiser (2014021680)

State of Nebraska Certified General Real Property Appraiser (CG2016006R)

State of New Jersey Certified General Real Property Appraiser (42RG00285600)

State of Nevada Certified General Real Estate Appraiser (A.0207150-CG)

State of Pennsylvania Certified General Real Property Appraiser (GA004621)

State of Washington Certified General Real Estate Appraiser (1102380)

#### III. Education

University of Nebraska-Omaha, Bachelor of Science in Business Administration

- -Specialization in Real Estate and Land Use Economics
- -Specialization in Marketing
- -Secondary Specialization in Economics

#### IV. Professional Experience

- -Vice President-Kinetic Valuation Group, June 2018-Present
- -Manager-Lea & Company, November 2011-June 2018
- -Senior Real Estate Analyst, Novogradac & Company LLP, April 2005-October 2011

#### V. Professional Training

- -MAI General Demonstration Report-Capstone Program July 2016
- -2016-2017 National USPAP Update March 2016
- -MAI Comprehensive Exam August 2015
- -Advanced Market Analysis and Highest & Best Use May 2015
- -Advanced Income Capitalization October 2014
- -Quantitative Analysis June 2014
- -Advanced Concepts & Case Studies May 2014

#### VI. Real Estate Assignments

A representative sample of Due Diligence and Valuation Engagements includes:

Prepared market studies for proposed Low-Income Housing Tax Credit, market rate, HOME financed, USDA Rural Development, and HUD subsidized properties, on a national basis. Analysis includes property screenings, market analysis, comparable rent surveys, demand analysis based on the number of income qualified renters in each market, supply analysis, and operating expenses analysis. Property types include proposed multifamily, senior independent living, large family, and acquisition with rehabilitation.

- Prepare appraisals of proposed new construction, rehabilitation, and existing Low-Income Housing Tax Credit properties, USDA Rural Development, and market rate multifamily developments. Analysis includes property screenings, valuation analysis, rent comparability studies, expense comparability analysis, determination of market rents, and general market analysis.
- Prepare appraisal work for retail and commercial properties in various parts of the country for various lenders. The client utilized the study for underwriting purposes.
- Conducted market studies for projects under the HUD Multifamily Accelerated Processing program.
- Prepare appraisals of proposed new construction properties under the HUD Multifamily Accelerated Processing program.
- Prepare Rent Comparability Studies for expiring Section 8 HAP contracts for subsidized properties located throughout the United States. Engagements included site visits to the subject property, interviewing and inspecting potentially comparable properties, and the analyses of collected data including adjustments to comparable data to determine appropriate adjusted market rents using HUD form 92273.
- Performed all aspects of data collection and data mining for web-based rent reasonableness systems for use by local housing authorities.

# STATEMENT OF PROFESSIONAL QUALIFICATIONS BRENT R. GRIFFITHS, MAI

#### **ASSOCIATION MEMBERSHIPS**

Member of the Appraisal Institute with MAI Designation, No. 574292

#### **STATE CERTIFCATIONS**

State of Arkansas Certified General Real Estate Appraiser (CG-4379)

State of California Certified General Real Estate Appraiser (3004361)

State of Minnesota Certified General Real Estate Appraiser (40524536)

State of Montana Certified General Real Estate Appraiser (REA-RAG-LIC-9586)

State of Nebraska Certified General Real Estate Appraiser (CG2024002R)

#### **EDUCATION**

University of Nebraska-Lincoln, Bachelor of Science in Business Administration with an emphasis in Finance and Management

#### **EXPERIENCE**

10/2022 to Present: Kinetic Valuation Group, Principal

06/2018 to 10/2022: Kinetic Valuation Group, Certified General Real Estate Appraiser

03/2013 to 06/2018: Lea & Company, Senior Analyst

08/2011 to 03/2013: Pinnacle Bank, Real Estate Loan Assistant

04/2010 to 08/2011: Pinnacle Bank, Customer Service Representative

#### **PROFESSIONAL TRAINING**

Certified General Real Property Appraisal Courses Completed:

•	Basic Appraisal Procedures	05/2013
•	National USPAP 15-Hour Course	06/2013
•	Basic Appraisal Principles	09/2013
•	Real Estate Finance, Statistics, and Valuation Modeling	09/2013
•	General Appraiser Report Writing and Case Studies	12/2013
•	General Appraiser Sales Comparison Approach	04/2014
•	General Appraiser Income Approach/Part 1	07/2014
•	General Appraiser Market Analysis and Highest & Best Use	08/2014
•	General Appraiser Income Approach/Part 2	12/2014
•	General Appraiser Site Valuation and Cost Approach	10/2015
•	Advanced Income Capitalization	09/2016
•	Advanced Concepts & Case Studies	09/2018
•	Quantitative Analysis	08/2019
•	Advanced Market Analysis and Highest & Best Use	10/2020
•	General Demonstration Report-Capstone Program	11/2021
•	MAI Comprehensive Exam Module I, II, III, IV	08/2022

#### **REAL ESTATE ASSIGNMENTS**

A representative sample of types of projects involved with includes:

- On a national basis, prepare market studies and appraisals consulting services for proposed Low-Income Housing Tax Credit properties.
- On a national basis, prepare market studies and appraisals consulting services for preservation of affordable housing properties involving USDA and HUD programs, oftentimes with renovation using Low-Income Housing Tax Credits and/or Historic Tax Credits. Programs include Rental Assistance Demonstration (RAD) Program, USDA 515 and 538, and HUD 221D4, 236, and MAP.
- Prepare market studies for proposed new construction, conversion, and existing Low-Income Housing Tax Credit developments for special needs and age-restricted populations.
- Prepare appraisals of proposed new construction, rehab and existing Low-Income Housing Tax Credit properties, Section 8 Mark-to-Market properties, Rental Assistance Demonstration (RAD) Program, and HUD Map Section 221D4 and 223f properties.
- Conduct rent comparable studies for properties encumbered by Section 8 contracts.

Work assignments completed in the following states:

 Alabama • Georgia Louisiana • Nevada • Oregon Washington Arizona Hawaii Maryland New Jersey • Pennsylvania Wisconsin Arkansas Illinois Michigan New Mexico • Rhode Island Wyoming California Indiana Minnesota • North Carolina • South Dakota • Connecticut • Iowa Missouri North Dakota Tennessee Ohio Colorado Kansas Montana Texas Florida Kentucky Nebraska Oklahoma • Utah

# STATEMENT OF PROFESSIONAL QUALIFICATIONS Hunter L. Hanson

#### **EDUCATION**

University of Nebraska at Omaha, Bachelor of Multidisciplinary Studies, 2019

#### **EXPERIENCE**

06/2020 to Present: Kinetic Valuation Group, Real Estate Analyst 10/2018 to 06/2020: Kinetic Valuation Group, Research Analyst 05/2013 to 10/2018: Nebraska Furniture Mart, Call Analyst

#### PROFESSIONAL TRAINING

Certified General Real Property Appraisal Courses Completed:

•	Basic Appraisal Principles	02/2021
•	Basic Appraisal Procedures	08/2022
•	National USPAP 15-Hour Course	12/2022
•	General Appraiser Report Writing and Case Studies	01/2023
•	General Appraiser Site Valuation and Cost Approach	05/2023
•	General Appraiser Sales Comparison Approach	09/2023

#### **REAL ESTATE ASSIGNMENTS**

A representative sample of types of projects involved with includes:

- On a national basis, assisted with market studies and appraisals for proposed Low-Income Housing Tax Credit properties. Includes property screenings, market and demographic analysis, comparable rent surveys, and supply and demand analysis.
- Prepare market studies for proposed new construction, conversion, and existing Low-Income Housing Tax Credit developments for family, senior.
- Assist with appraisals of proposed new construction, rehab and existing Low-Income Housing Tax Credit properties and Section 8 Mark-to-Market properties. Assistance includes rent comparability studies, determination of market rents and market analysis.
- Conduct rent comparable studies for properties encumbered by Section 8 contracts. Research included analysis of comparable properties and market analysis.

Work assignments completed in the following states:

California	Minnesota	Pennsylvania	Louisiana
• Florida	<ul> <li>Nebraska</li> </ul>	North Carolina	Montana
Hawaii	Oklahoma	Connecticut	Nevada
• Iowa	Washington	New Jersey	New Mexico
• Kansas	• Missouri	• Ohio	Georgia
<ul> <li>Wyoming</li> </ul>	Arizona	• Illinois	South Dakota
• Wisconsin	• Iowa	• Texas	•
• Utah	Colorado	New York	•

# STATEMENT OF PROFESSIONAL QUALIFICATIONS Jared L. Koelzer

#### **EDUCATION**

Peru State College, **Bachelor of Science** in History, 2021 University of Nebraska at Omaha, **Master of Political Science**, 2023

• Concentration in International Affairs

#### **EXPERIENCE**

08/2023 to Present: Kinetic Valuation Group – Research Analyst

#### **REAL ESTATE ASSIGNMENTS**

A representative sample of types of projects involved with includes:

- On a national basis, assisted with market studies and appraisals for proposed Low-Income Housing Tax Credit properties. Includes property screenings, market and demographic analysis, comparable rent surveys, and supply and demand analysis.
- Prepare market studies for proposed new construction, conversion, and existing Low-Income Housing Tax Credit developments for family, senior.
- Assist with appraisals of proposed new construction, rehab and existing Low-Income Housing Tax Credit properties and Section 8 Mark-to-Market properties. Assistance includes rent comparability studies, determination of market rents and market analysis.
- Conduct rent comparable studies for properties encumbered by Section 8 contracts. Research included analysis of comparable properties and market analysis.

Work assignments have been completed in the following states:

Arizona Montana California Nebraska Hawaii Nevada

Iowa North Dakota

Kansas Ohio Louisiana Texas

Michigan Washington

Missouri

# **Certificate of Membership**

# **Kinetic Valuation Group**

Is a Member Firm in Good Standing of



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

> **Designation Maintained By** Amanda Baker, Jay Wortmann

> > **Membership Term** 1/1/2025 - 12/31/2025

Kaitlyn Snyder Managing Director, NH&RA