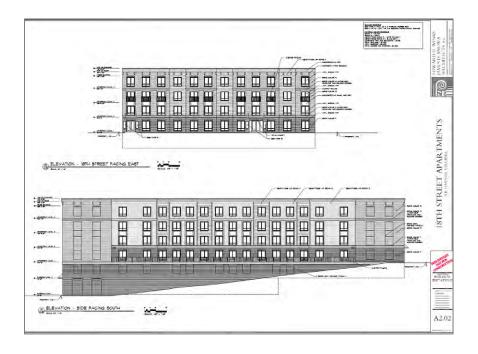


# A Market Study Report Of:

18<sup>th</sup> St Apartments 807 ½ Oliver Hill Way Richmond, VA 23229



Prepared For:

**Humanities Foundation** 

Rosie Doran

**Director of Acquisitions** 

474 Wando Park Blvd., Suite 102

Mount Pleasant, SC 29464

Authorized User: Virginia Housing 601 S. Belvidere St. Richmond, VA 23220

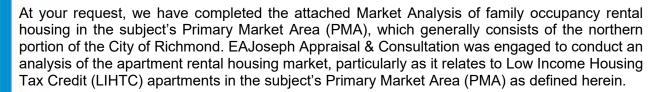
Date of Report: March 13, 2024 EAJoseph File No. C2401018 March 13, 2024

Humanities Foundation Rosie Doran Director of Acquisitions 474 Wando Park Blvd., Suite 102 Mount Pleasant, SC 29464

Authorized User: Virginia Housing (VH) 601 S. Belvidere St. Richmond, VA 23220

RE: 18<sup>th</sup> St Apartments 807 ½ Oliver Hill Way Richmond, VA 23229

Ms. Doran:



The subject property consists of the proposed multifamily complex located at 807 ½ Oliver Hill Way, Richmond, VA. The sponsor is proposing to develop new apartment units with below-market debt and/or tax credit financing. The community will be a low-income property which will have rent restrictions at 30% (vouchers), 50%, 60% and 80% of the average median income (AMI), and income restrictions at 30% (vouchers), 50%, 60% and 80%. The subject will consist of one, two and three-bedroom dwelling units. The subject will contain 20 units which are project-based voucher (PBV), contained within the 30% restrictions. This study focuses on apartment housing in the Primary Market Area (PMA) surrounding the subject located in northeastern portion of the City of Richmond. The purpose of this market study is to;

- Analyze property productivity
- Delineate the market of property users
- Forecast demand
- Measure competitive supply
- Analyze market equilibrium/ disequilibrium
- Forecast subject capture

The entire PMA has been examined about economic factors, population projections, and the existing multi-family housing market. Emphasized examination was given to the subjects' macro—Primary Market Area (PMA) and sub-markets relevant to this property have also been examined. This is also the date of observation of the subject site and the surrounding market environs.



It has been a pleasure to assist you in this assignment. If you have any questions concerning the report, or if we can be of further assistance, please let us know how we may further serve you.

Respectfully submitted,

EAJoseph Appraisal & Consultation

Eugene A. Joseph, Jr., MAI, SRA, AI-GRS Principal Appraiser Certified General Real Estate Appraiser License No. 4001 009492

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#### SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS

The subject is well positioned in the market to capture significant tenancy. The housing serves to satisfy the ever-present and growing need for affordable rental housing. The rental rates for the subject are consistent with the rental rates demonstrated in the PMA.

- The residual demand is positive throughout our mid-range forecast period. The residential demand is 9,364 dwelling units, overall (considering the entire project is LIHTC). The residential demand is 3,765 dwelling units (PBV units).
- The analyst anticipates adequate demand for accessible and supportive housing for persons with disabilities in the subject's primary market area.
- VHDA requires the analyst to consider the impact, if any, on the analysis for proposed communities in which 20% or more of the units contain at least 3 bedrooms. Approximately 19% of the subject units are 3-Bedroom. This is not expected to have a significant impact on demand, as this is a typical 3-bedroom ratio among income and rent restricted projects in the subject's PMA.
- The subject's capture rate is calculated as the percentage of residential demand the subject would have to capture to achieve stabilization. The total number of units for the subject is segmented by the percentage of units captured in the subject's PMA and a typical vacancy allowance. The adjusted total number of units is 72 units. The subject's overall blended capture rate is 073% (considering the entire project is LIHTC). The subject's overall blended capture rate 0.45% (PBV units).
- The subject is expected to be absorbed into the market at a pace of 12 dwelling units per month. Financing is currently available at attractive terms and the feasibility rent is sufficient to cover costs of construction and return a reasonable yield to the investor. This combined with the low capture rate indicates a strong demand for the subject's product type.
- The site is attractive and well located in regard to its access and proximity to employment, community services, shopping, medical, and transportation routes which provides extended access to all points throughout the MSA.
- The location, rents, and amenity package will appeal to the low to moderate income families and professionals.
- The bedroom mix of units, the household size distribution, the capabilities, and the unit
  vacancy levels indicate that the subject's bedroom mix is appropriate in this market at the
  rent levels. Market rents are sufficient to support new construction and a positive residual
  demand indicates new construction in this market is likely.
- Project features are adequate in this portion of the county. The inventory is mixed ranging
  from older 30+ year inventory to newer inventory. The subject's amenity package and
  features are generally commensurate with other similar class properties in the subject's
  market.
- The subject property is currently proposed. The economic infrastructure for the subject EA|oseph Appraisal & Consultation

properties PMA is fundamentally sound and should continue to grow at a constant and moderate pace.

- The overall development scheme is appropriate and well suited for the market. We make no further recommendations and/ or modifications to the development.
- There do not appear to be any detrimental influences that would impede the absorption rate already established at 12 units per month.

Our analysis contained herein incorporated the opinions of property managers and leasing agents as well as local market participants that are considered experts in their respective fields.

Given the indications described above, it is reasonable to conclude that the subject's current actual capture rate will continue throughout the mid-range forecast. Given the positive residual demand and the availability of land and capital, new competition is anticipated to materialize in the short and midterm. We have made appropriate allowances for additional new competition.

Noteworthy Issues: None.

#### **SWOT ANALYSIS**

Strengths and weaknesses are specific to the subject whereas opportunities and threats are external.

#### STRENGTHS INCLUDE;

• Competitive – subject will be competitively priced and will offer commensurate product with its competition

#### WEAKNESSES INCLUDE;

None.

#### **OPPORTUNITIES**

- Vacancy levels are stable in the market
- Market- the subject is in an area with strong demand and growth prospects.

#### **THREATS**

• General inflation, softening of the rental market, interest rate uncertainty, general economic uncertainty.

#### PURPOSE OF THE MARKET STUDY

EAJoseph Appraisal & Consultation was engaged by The Client, to prepare an analysis of the family-oriented rental housing, particularly as it relates to Low Income Housing Tax Credit (LIHTC) apartments like the subject. This study focuses on the Primary Market Area surrounding the subject. The purpose of this market study was to;

- Analyze property productivity
- Delineate the market of property users
- Forecast demand
- Measure competitive supply
- Analyze market equilibrium/ disequilibrium
- Forecast subject capture

#### A. EXECUTIVE SUMMARY

(Format derived from Version 3.0, Adopted 1/14/2013; Section A; NCHMA)

#### 1. A CONCISE DESCRIPTION OF THE SITE AND THE IMMEDIATE SURROUNDING AREA.

The subject site consists of one parcel constituting 0.985±acres, which is accessible via Oliver Hill Way. The site is generally rectangular in shape. The site is generally level and at road grade. The property is located in the eastern portion of the City of Richmond, in the Shockoe bottom area. All relevant utilities are available to the site. The shape of the site does not appear to impose any developmental issues. Based on a physical inspection of the site, there do not appear to be any adverse conditions that would impede the marketability of the site. Surrounding land uses consist of multifamily, single family and government uses.

Land uses in the immediate area are consistent with and complementary to the development. A brief description of immediate land uses in each direction is as follows;

- North Industrial
- South Multifamily
- East Multifamily
- West Multifamily / MCV

Existing land use patterns are residential in nature with some commercial type uses. Land use patterns are expected to remain the same; however, many of the structures will undergo redevelopment/ renovations as the area continues to improve.

# 2. A Brief Summary Of The Project Including The Proposed Population To Be Served.

The subject property is proposed and will consist of an 80-unit apartment community. The sponsor is proposing to construct the proposed units with below-market debt and/or tax credit financing. The community will be a low-income property which will have rent and income restrictions at 30% (project-based voucher), 50%, 60% and 80% of AMI. The subject will have 20 project-based voucher units within the 30% restrictions. The subject will consist of one, two and three-bedroom units. This study focuses on apartment housing in the Primary Market Area (PMA) surrounding the subject located in the northeastern part of the City of Richmond.

The target market will be households earning below 30%, 50%, 60% and 80% of AMI. Household sizes will range from 1.5 persons up to 4.5 persons per household (based on an average household size of 1.5 persons per bedroom). The minimum household income level will be based upon the assumption that tenants will pay up to 35 percent of income toward rent.

#### 3. SUMMARY OF ECONOMIC CONDITIONS

Richmond is a continually growing market, as the area continues to expand, and a strong local economy and wealthy populace create business opportunities which should continue to attract people to the area. Population is expected to continue to increase in the years to come. The unemployment rate continues to lag the state average. The property is in the immediate vicinity of existing multifamily and retail uses. The area is suburban in nature.

#### 4. Brief Description and Support of the Defined Primary Market Area;

The subject's PMA is defined as: N. Belvidere St to the west; I-64 to the north; Williamsburg Rd to the east; James River to the south. To determine the PMA for the subject, we conducted multiple interviews with the subject's competitive properties to establish where their tenants were being drawn from. Based upon our interviews, the clear majority of the tenant base was drawn from other localities within the described limits. We further considered demographic data, employers, and commuter patterns in framing the subject's PMA.

#### 5. SUMMARY OF KEY DEMOGRAPHIC DATA

- Population is increasing putting upward pressure on the demand for housing
- Incomes are rising
- The number of households are increasing
- Renter ratios are steady; there is a large gap between renter ratio and multifamily ratio which is increasing the demand for additional multifamily housing

#### 6. SUMMARY OF COMPETITIVE MARKET CONDITIONS

A summary of some key multifamily economic indicators in the outlying Richmond area are as follows;

Current Quarter	Units	Vacancy Rate	Asking Rent	Effective Rent	Absorption Units	Delivered Units	Under Consti Units
4 & 5 Star	38,520	11.4%	\$1,669	\$1,648	765	125	4,621
3 Star	37,563	6.6%	\$1,434	\$1,421	60	0	1,285
1 & 2 Star	28,026	8.0%	\$1,205	\$1,196	43	0	0
Market	104,109	8.8%	\$1,465	\$1,449	868	125	5,906
Annual Trends	12 Month	Historical Average	Forecast Average	Peak	When	Trough	When
Vacancy Change (YOY)	0.8%	6.6%	8.6%	9.5%	2023 Q4	3.6%	2000 Q3
Absorption Units	4,090	1,331	2,691	4,812	2021 Q4	(879)	2003 Q4
Delivered Units	5,367	1,625	2,737	6,469	2023 Q4	126	2010 Q3
Demolished Units	0	18	19	216	2010 Q2	0	2023 Q4
Asking Rent Growth (YOY)	1.3%	2.6%	3.0%	11.3%	2022 Q1	-1.6%	2011 Q2
Effective Rent Growth (YOY)	1.0%	2.5%	3.0%	12.1%	2022 Q1	-1.8%	2011 Q2
Sales Volume	\$383M	\$362.1M	N/A	\$1.9B	2022 Q3	\$0	2005 Q1

#### 7. SUMMARY OF DEMAND FOR THE PROPOSED DEVELOPMENT

Include a concise statement of the analyst's opinion of market feasibility, determined by factors of market demand.

- The residual demand is positive throughout our mid-range forecast period. The residential demand is 9,364 dwelling units, overall (considering the entire project as LIHTC). The residential demand is 3,765 dwelling units (PBV units).
- Based upon our market survey, the subject's proposed rents are achievable. The maximum allowable 1-BR rent for 80% is somewhat higher than market, and a lower market rent has been used in the analysis for the unit type.
- The subject is expected to be absorbed into the market at a pace of 12 dwelling units per month. The subject is proposed.
- The site is attractive and well located regarding its access and proximity to employment, community services, shopping, medical, and transportation routes which provides extended access to all points throughout the PMA.
- The location, rents, and amenity package will appeal to the low to moderate income families.
- The bedroom mix of units, the household size distribution, the capabilities, and the unit vacancy levels indicate that the subject's bedroom mix is appropriate in this market at the rent levels.

Economic rent is sufficient to cover debt service and return a reasonable return to the investor with the use of LIHTC equity.

#### 8. A SUMMARY OF POSITIVE AND NEGATIVE ATTRIBUTES

In addition, include issues that will affect the properties marketability, performance and lease-up and points that will mitigate or reduce any negative attributes.

- (+) The subject provides housing to a growing population and is well positioned in the market.
- (+) The Richmond MSA is experiencing a shortage of multifamily housing, and specifically income and rent restricted multifamily housing.
- (+) The subject is in a suburban location, located in the City of Richmond, which tends to be more insulated from economic variations.
- (+) The subject will generate additional revenue for purchases of goods and services which will help the local economy. The local spending index potential is as follows;
- (-) The subject is adjacent to government and industrial oriented uses

Top 3 Tapestry Segments	
1.	Family Foundations (12A
2.	Modest Income Homes (12D
3.	Emerald City (8B
2022 Consumer Spending	
Apparel & Services: Total \$	\$32,206,410
Average Spent	\$1,727.44
Spending Potential Index	72
Education: Total \$	\$24,775,480
Average Spent	\$1,328.87
Spending Potential Index	68
Entertainment/Recreation: Total \$	\$46,920,078
Average Spent	\$2,516.63
Spending Potential Index	69
Food at Home: Total \$	\$82,172,241
Average Spent	\$4,407.44
Spending Potential Index	7:
Food Away from Home: Total \$	\$56,967,090
Average Spent	\$3,055.52
Spending Potential Index	71
Health Care: Total \$	\$93,086,564
Average Spent	\$4,992.84
Spending Potential Index	70
HH Furnishings & Equipment: Total \$	\$32,894,021
Average Spent	\$1,764.33
Spending Potential Index	69
Personal Care Products & Services: Total \$	\$13,529,608
Average Spent	\$725.68
Spending Potential Index	71
Shelter: Total \$	\$297,772,945
Average Spent	\$15,971.52
Spending Potential Index	70
Support Payments/Cash Contributions/Gifts in Kind: Total \$	\$33,066,427
Average Spent	\$1,773.57
Spending Potential Index	65
Travel: Total \$	\$35,298,483
Average Spent	\$1,893.29
Spending Potential Index	66
Vehicle Maintenance & Repairs: Total \$	\$16,870,206
Average Spent	\$904.86
Spending Potential Index	72

Data Note: The Spending Potential Index (SPI) is household-based, and represents the amount spent for a product or service relative to a national average of 100.

#### 9. Precise statement of key conclusions reached by the analyst.

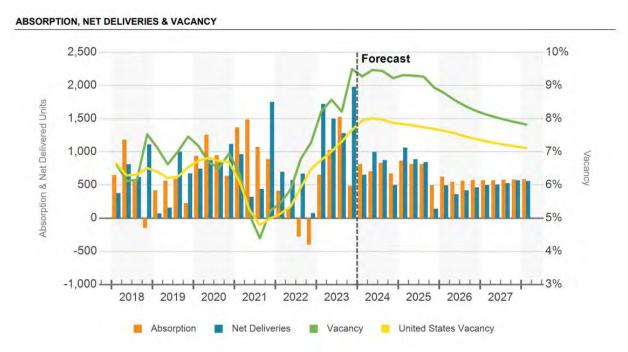
Given the demand for multifamily housing in the subject's PMA, we anticipate the subject to be successful.

# 10. RECOMMENDATIONS AND/ OR SUGGEST MODIFICATIONS TO THE PROPOSED PROJECT IS APPROPRIATE.

Based upon our review of plans provided by the developer, no modifications to the current development are suggested. There will be a high degree of conformity with other competitive assets in the subject's PMA.

#### 11. ABSORPTION RATE

To estimate the absorption rate for the subject, we surveyed other similar assets in the subject's PMA to determine how quickly those assets leased up and achieved stabilization. Within the area, newer developments are absorbing at around 12 dwelling units per month, depending on size. Given the subject's size, we anticipate an average monthly absorption rate of 12 units per month. There is adequate demand for the subject and demand is anticipated to increase in the near future based on demographic data.



Absorption for 2023 thus far has slowed significantly from the prior year and from 2021, which saw the fastest absorption pace on record. Near future absorption is anticipated to slow, as the glut of new construction apartments come online in the Richmond MSA, while demand has not kept up.

#### B. Introduction and Scope of Work

(Format derived from Version 3.0, Adopted 1/14/2013; Section B; NCHMA)

- 1. Type of Report Comprehensive Report
- 2. Client and project developer See Letter of Transmittal
- 3. Intended Use and Users of Report EAJoseph was engaged to conduct an analysis of the apartment rental housing market. The intended user is the Client and V.H
- 4. Identify Steps taken in completion of report See below.

The scope of this study requires compliance with the Uniform Standard of Professional Appraisal Practice promulgated by the Appraisal Standards Board of the Appraisal Foundation and the Guide Notes to the Standards of Professional Appraisal Practice adopted by the Appraisal Institute. The standards contain requirements and specific guidelines that deal with the procedures to be followed in developing an appraisal, market study, analysis, or opinion. These uniform standards set the requirements to communicate in a manner that will be meaningful and not misleading in the marketplace. The appraiser/ analyst researched many different resources in the scope of this narrative report. Such information and the source of this information are as follows;

- Information pertaining to the property and the construction particulars was provided by the developer. In addition, we had several conversations with persons familiar with the subject.
- Information concerning the site was obtained from the owner and confirmed through county records.
- Information pertaining to employment data was provided on-line by the Virginia Employment Commission. We further obtained economic infrastructure information from the respective counties/ city's official web sites.
- Information pertaining to demographic data was obtained on-line from American Factfinder which is part of the U.S. Census Bureau's official website. In addition, we used Site-To-Do-Business (STDB) which is a reputable on-line database. Some extrapolations/projections were done in-house while others were provided by the above stated providers.
- Information pertaining to multifamily market data for the subject submarket and the overall market is taken from on line records, telephone surveys and various publications. This data is considered reliable, and we assume it is correct.
- Pertaining to the competitive rental housing market in the subject properties primary
  market area (PMA), the analyst interviewed a person or persons familiar with each
  respective property in an effort to obtain germane information to facilitate the analyst in
  providing a credible market study report. In addition, the analyst performed a windshield
  inspection of each property.
- In summary, the appraiser/ analyst thoroughly evaluated the subject property in this narrative report.

The market study report will be prepared in accordance with the Uniform Standards of Professional Practice and VH guidelines as promulgated by the National Council of Housing Market Analysts. The format herein is modeled after the most recent version of the Model Content Standards for Rental Housing Market Studies in conjunction with VH Market Study Guidelines.

- 5. Date of Field Work and Site Visit; Field work and site visits were conducted on March 13, 2024
- 6. Person conducting field work; Eugene A. Joseph, Jr., MAI, SRA, AI-GRS
- 7. Primary analyst researching conclusions of report; Eugene A. Joseph, Jr., MAI, SRA, AI-GRS

# C. PROJECT DESCRIPTION

(Format derived from Version 3.0, Adopted 1/14/2013; Section C; Project Description; NCHMA)

# I. Unit tabulations (proposed)

No.	Unit Type	SF	Proposed Rent	UA	Gross \$	Gross \$ Limit	Rent %	Inc. %	PBV Units	Туре
9	1.1	626	\$502	\$98	\$600	\$600	30%	30%	9	LIHTC & PBV
2	1.1	626	\$902	\$98	\$1,000	\$1,000	50%	50%	0	LIHTC
3	1.1	626	\$1,300	\$98	\$1,398	\$1,600	80%	80%	0	LIHTC
5	2.2	900	\$588	\$132	\$720	\$720	30%	30%	5	LIHTC & PBV
14	2.2	900	\$1,068	\$132	\$1,200	\$1,200	50%	50%	0	LIHTC
8	2.2	1000	\$1,308	\$132	\$1,440	\$1,440	60%	60%	0	LIHTC
20	2.2	1070	\$1,788	\$132	\$1,920	\$1,920	80%	80%	0	LIHTC
6	3.2	1173	<b>\$661</b>	\$170	\$83 I	\$83 I	30%	30%	6	LIHTC & PBV
2	3.2	1173	\$1,493	\$170	\$1,663	\$1,663	60%	60%	0	LIHTC
11	3.2	1176	\$2,048	\$170	\$2,218	\$2,218	80%	80%	0	LIHTC

Note: LIHTC Max Allowable Rent is used where applicable. Max rent is used for Project Based Voucher (PBV) Units when determining affordability (PBV units in bold)

80

#### 2. THE COMMUNITIES TARGET MARKET AND ANY TENANCY RESTRICTIONS

The community will remain a low-income property which will have rent and income restrictions at 30%, 50%, 60% and 80% of AMI. The subject consists of studio, one, two and three-bedroom units. The property does not have any age restrictions placed on the property.

#### The maximum incomes for the MSA are as follows;

Maximum Gross Income

Average Median Income \$109,400 (Based on 4 person AMI)

	I person	2 person	3 person	4 person	5 person	6 person	7 person	8 person
Adj. for Fam. Size	0.6828	0.7797	0.8775	0.9744	1.0530	1.1307	1.2084	1.2870
% of Median Income								
10%	7,470	8,530	9,600	10,660	11,520	12,370	13,220	14,080
20%	14,940	17,060	19,200	21,320	23,040	24,740	26,440	28,160
30%	22,410	25,590	28,800	31,980	34,560	37,110	39,660	42,240
40%	29,880	34,120	38,400	42,640	46,080	49,480	52,880	56,320
50%	37,350	42,650	48,000	53,300	57,600	61,850	66,100	70,400
60%	44,820	51,180	57,600	63,960	69,120	74,220	79,320	84,480
70%	52,290	59,710	67,200	74,620	80,640	86,590	92,540	98,560
80%	59,760	68,240	76,800	85,280	92,160	98,960	105,760	112,640
90%	67,230	76,770	86,400	95,940	103,680	111,330	118,980	126,720
100%	74,700	85,300	96,000	106,600	115,200	123,700	132,200	140,800
110%	82,170	93,830	105,600	117,260	126,720	136,070	145,420	154,880
120%	89,640	102,360	115,200	127,920	138,240	148,440	158,640	168,960
130%	97,110	110,890	124,800	138,580	149,760	160,810	171,860	183,040
140%	104,580	119,420	134,400	149,240	161,280	173,180	185,080	197,120
150%	112,050	127,950	144,000	159,900	172,800	185,550	198,300	211,200

The maximum income at 30%, 50%, 60% and 80% of the AMI adjusted for family size is highlighted above.

The maximum rents are as follows;

	Maximum Gross Rents							
	I person	2 person	3 person	4 person	5 person	6 person	7 person	8 person
Adj. for Fam. Size	0.6828	0.7797	0.8775	0.9744	1.0530	1.1307	1.2084	1.2870
% of Median Income								
10%	\$187	\$213	\$240	\$267	\$288	\$309	\$331	\$352
	-							
20%	\$374	\$427	\$480	\$533	\$576	\$619	\$661	\$704
30%	\$560	\$640	\$720	\$800	\$864	\$928	\$992	\$1,056
40%	\$747	\$853	\$960	\$1,066	\$1,152	\$1,237	\$1,322	\$1,408
50%	\$934	\$1,066	\$1,200	\$1,333	\$1,440	\$1,546	\$1,653	\$1,760
60%	\$1,121	\$1,280	\$1,440	\$1,599	\$1,728	\$1,856	\$1,983	\$2,112
70%	\$1,307	\$1,493	\$1,680	\$1,866	\$2,016	\$2,165	\$2,314	\$2,464
80%	\$1,494	\$1,706	\$1,920	\$2,132	\$2,304	\$2,474	\$2,644	\$2,816
90%	\$1,681	\$1,919	\$2,160	\$2,399	\$2,592	\$2,783	\$2,975	\$3,168
100%	\$1,868	\$2,133	\$2,400	\$2,665	\$2,880	\$3,093	\$3,305	\$3,520
110%	\$2,054	\$2,346	\$2,640	\$2,932	\$3,168	\$3,402	\$3,636	\$3,872
120%	\$2,241	\$2,559	\$2,880	\$3,198	\$3,456	\$3,711	\$3,966	\$4,224
130%	\$2,428	\$2,772	\$3,120	\$3,465	\$3,744	\$4,020	\$4,297	\$4,576
140%	\$2,615	\$2,986	\$3,360	\$3,731	\$4,032	\$4,330	\$4,627	\$4,928
150%	\$2,801	\$3,199	\$3,600	\$3,998	\$4,320	\$4,639	\$4,958	\$5,280

#### 3. UTILITY

The landlord will pay for trash. The tenant will be responsible for electricity, water, and sewer. All the appliances are electric. Nothing is gas. The utility allowance estimate is included in the above table.

## 4. DESCRIPTION OF DEVELOPMENT

- a. The subject is a proposed multifamily development which will contain 1 building and 80 apartment units.
- b. Common/ site amenities will include community room, onsite parking, rental office, and laundry.
- c. Unit amenities include range/ oven, refrigerator, range hood, central air/heat, carpet/ vinyl flooring, shades/ blinds, cable/internet ready, and washer/dryer hookups.
- d. Parking options adequate on-site garage parking is provided.

The improvements on this property are of average quality and are of typical design and exhibit average functional utility. The subject has a high level of functional utility, and the improvements are consistent with its market and therefore, there is a good degree of conformity with other similar class projects. There is adequate on-site parking. Overall, this is a type of improvement that should be competitive in the local real estate rental market.

# 5. For Rehabilitation Projects

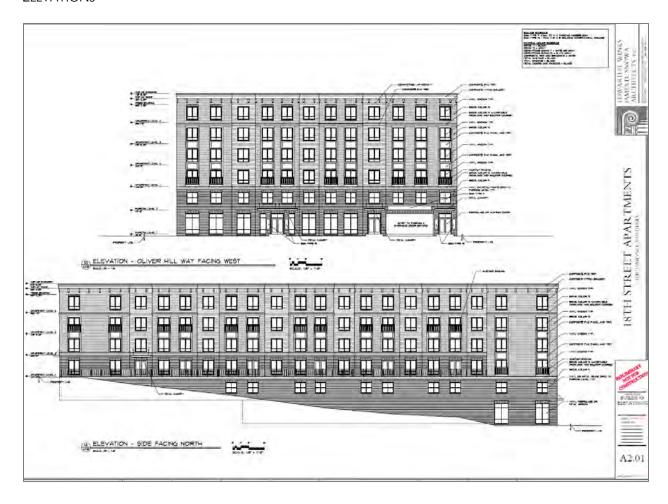
Not Applicable.

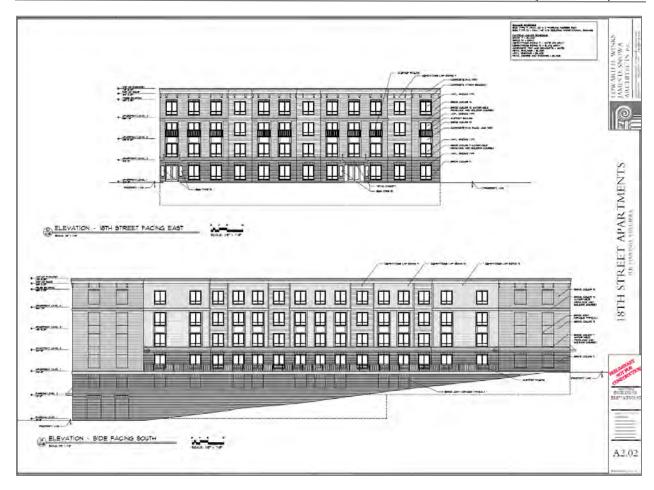
#### 6. INCLUDE THE STATUS OR DATE OF ARCHITECTURAL PLANS

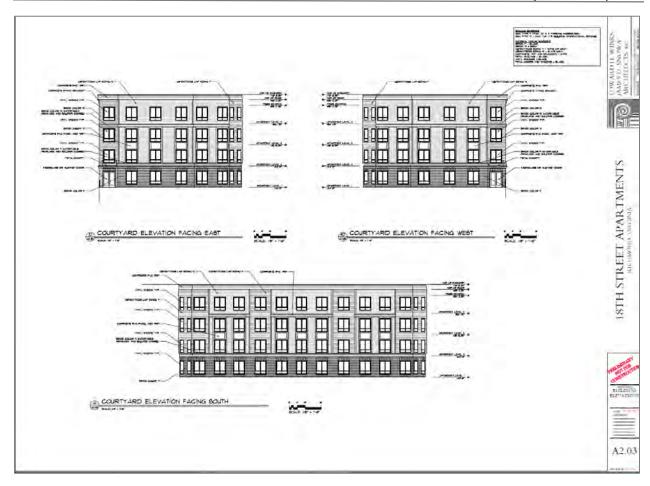
Scope of Construction was provided by the owner on the report's effective date.

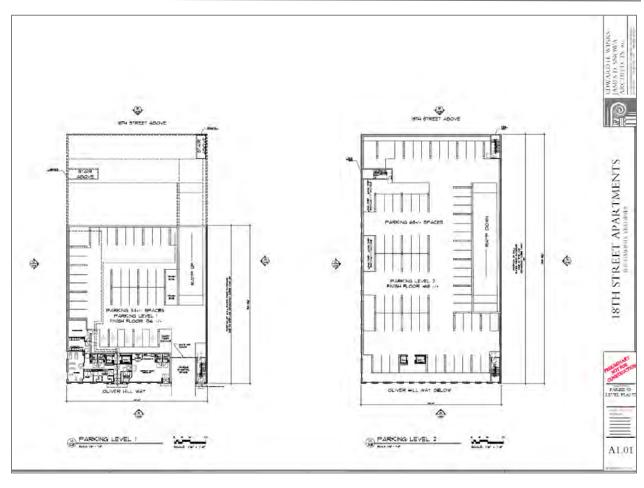
This development will consist of 80 multifamily units in one building. The building is four over two podium style construction, with a two-level semi below grade parking garage, and wood platform construction for the four apartment levels. Eight of the units will contain project-based vouchers. Common amenities include community room, onsite parking, rental office, and laundry.

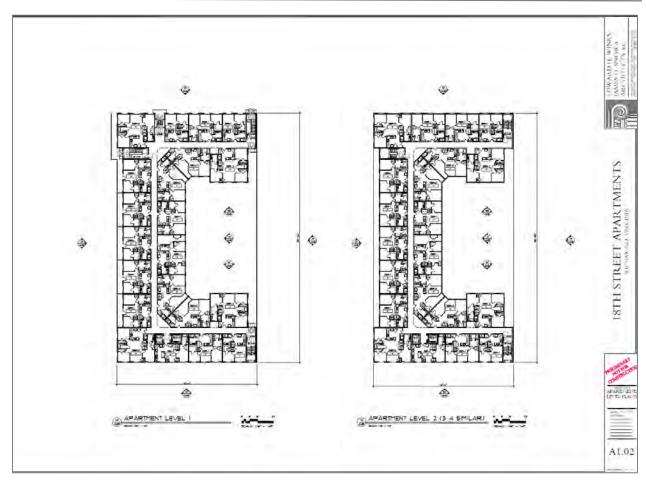
#### **ELEVATIONS**











#### 7. Relevant dates:

Relevant Dates	
Start Construction	4/1/2025
End	10/1/2026
Months to Build	18
Pre-Lease Begins	9/1/2026
Months prior to completion	I
Pace	12
Units Pre-Leased	12
Units Total	80
Stabilized	76
Remaining Units	64
Months	5.35
Anticipated Date of Stabilization	3/31/2027

### 8. Description of supportive services provided for residences, if provided.

#### Not Applicable

(Additional VHDA 2016 Market Study Guidelines; Project Description)

- 1. Construction Type Proposed
- 2. Occupancy Type Family
- 3. Special Needs Population Not applicable
- 4. Structure Type Four over two podium design/platform construction
- 5. The subject is not a scattered site development
- 6. Site amenities site amenities include, community center, on-site management, business center.

#### IMPROVEMENT ANALYSIS AND CONCLUSIONS

#### Effective Age

"Effective age is the age indicated by the condition and utility of a structure and is based on an appraiser's judgement and interpretation of market perceptions". This may be different than a subject's actual, or chronological age. Effective age estimate considers not only physical wear and tear but also functional and external considerations.

The subject is proposed construction and will be new upon completion. Based on an observation of the property, there does not currently appear to be any functional obsolescence. The subject is new construction, and the effective age is 0± years upon completion.

#### Remaining Economic Life

Economic life is the period over which improvements to real property contribute to property value". "¹Remaining economic life is the estimated period over which existing improvements are expected to continue to contribute economically to property value".

The remaining economic life is calculated as the total economic life less the effective age of the subject. The subject has an economic life of 50 to 60 years. Therefore, considering the effective age is 0 years upon completion, the remaining economic life is 50 to 60 years.

#### **Functional Utility**

Architectural style and functional utility are interrelated and their combined effect on property value must be considered. The subject's architectural style is a transitional low-rise garden apartment community. The subject's architectural style is typical of the market for its respective property class status. The multifamily housing market is almost exclusively of this style type and therefore, we can conclude that the subject's architecture is preferred by the market.

Functional utility is "the ability of a property or building to be useful and to perform the function for which it is intended according to current market tastes and standards. The efficiency of the building's use in terms of architectural style, design and layout, traffic patterns, and the size and layout of the rooms". <sup>2</sup>Functional utility is the impairment of the functional capacity of a property or building according to market tastes and standard; equivalent to functional obsolescence because ongoing change makes layouts and features obsolete".

The subject will be a 56-unit apartment complex with a mixture of studio, one, two and three-bedroom garden style units. The design and function are like other competing properties in the market. The quality is commensurate with that of similar type properties of similar age. The subject has a commensurate site amenity package with that of similar properties of similar age.

<sup>&</sup>lt;sup>1</sup> Source: <u>The Appraisal of Real Estate</u>, 13<sup>th</sup> edition published by the Appraisal Institute; page 415

<sup>&</sup>lt;sup>2</sup> Source: <u>The Appraisal of Real Estate</u>, 13<sup>th</sup> edition published by the Appraisal Institute; page 262

#### **Property Rating**

The Property Rating Sheet contained simply rates the subject relative to comparable properties located in the subject's competitive market. The elements of comparison considered in the Property Rating Sheet include; design and appearance, quality of construction, condition of improvements, room sizes/ layout, closets/ storage, appliances, unit amenities, site amenities and parking. Future multifamily properties are not expected to differ materially from current projects, hence, the subject is compared with the prevailing competition in the area, which, taken together, epitomizes a comparative standard for the local market. A *typical* rating is assigned a weight of four. Weights range from one through seven with the lower three corresponding to factors rated below typical and weights five through seven are above typical.

The following page displays a chart that itemizes the subject's attributes and rates the relative influence of each. The standard score for the major competition is 36, calculated by multiplying the 9 factors of comparability by each factor's average score of four.

**Property Rating Sheet** 

Subject Apartment Building Rating										
Impact of Productivity		Inferio	Inferior		Typical			Superior		
	High	Mod.	Slight		Average	е	Slight	Mod.	High	
Design and apearance					×					
Quality of Construction					×					
Condition of Improvements					×					
Room Sizes/ Layout					X					
Closets/ Storage					×					
Appliances					X					
Unit Amenities					X					
Site Amenities					×					
Parking					×					
Number of Items	0	0	0	0	9	0	0	0	0	
Times Category Score (weighting)	1	2	3		4		5	6	7	
Subtotal Score										
Subtotal Score	0	0	0	0	36	0	0	0	0	
Total Subject Score									36	

The subject's score is 36, or 100% of the standard score which indicates the subject is in line to its respective market. The subject property ranked typical in five of the 9 categories considered and superior in the remaining categories. The subject did not rank inferior in any respect. The subject's improvements have an overall rating of superior as compared to other multifamily complexes located in the subjects PMA.

# D. LOCATION

(Format derived from Version 3.0, Adopted 1/14/2013; Section D; Location; NCHMA)

# I. Subject Site Photographs and Environs





Site







Site

Site

## IMMEDIATE MARKET ENVIRONS



Immediate Market Envnirons



Immediate Market Environs



**Immediate Market Environs** 



**Immediate Market Environs** 

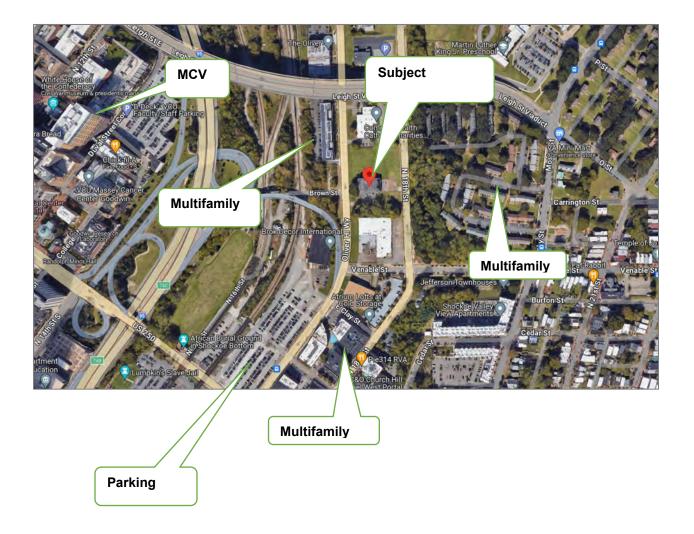
# 2. IDENTIFY LAND USES DIRECTLY SURROUNDING THE SUBJECT SITE(S)

Land uses in the immediate area are consistent with and complementary to the development. A brief description of immediate land uses in each direction is as follows;

- North Industrial
- South Multifamily
- East Multifamily
- West Multifamily

Existing land use patterns are expected to remain the same as the area undergoes modest development.

**AERIAL VIEW OF LAND USES** 



## 3. MAP OF SUBJECT SITE



(North Orientation)

#### 4. INGRESS / EGRESS

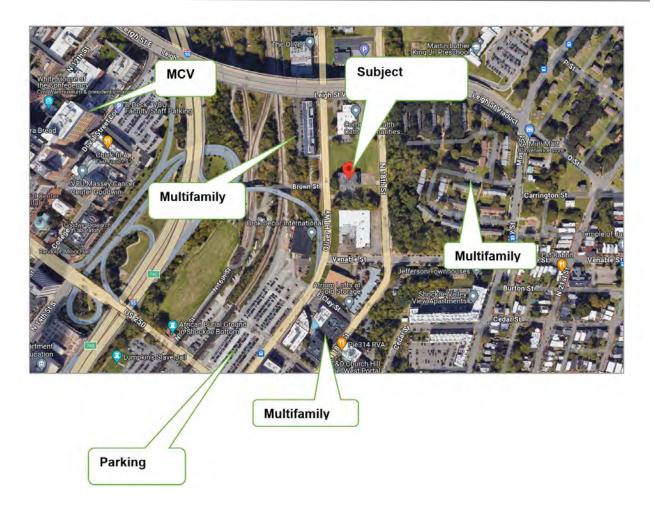
Primary ingress/ egress is gained from Oliver Hill Way. Overall access potential is considered adequate for the sites intended use.

### 5. DESCRIBE AND EVALUATE THE VISIBILITY OF THE SUBJECT SITE

The subject site has adequate visibility from several secondary surface streets. Visibility and access do not adversely affect the subjects' marketability. The subject site appears suitable for its proposed use.

#### 6. Provide analysis of Neighborhood Amenities;

The subject's neighborhood is in immediate proximity to a multitude of amenities including; shopping, schools, transportation linkages, medical services, places of worship and retail. The area is rural/suburban in nature. The following maps will illustrate the subject's proximity to these various amenities:



# Major Transportation Linkages



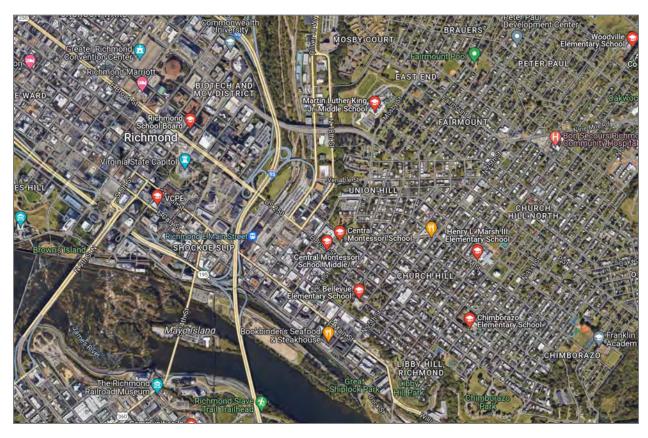
The subject site is located  $\sim$  2 minutes from an I 95 interchange, allowing for quick transportation throughout the MSA.

## Shopping



Various retail amenities are located near the subject in Shockoe Bottom. The closest grocery store is Farm Fresh, ~5 minutes from the subject.

# Schools



There are ten schools located within the subject's PMA, including City of Richmond public schools, and private schools.

#### Subject and Its Proximity to Hospitals

The nearest hospital to the subject is VCU medical center, which is a 2-minute drive from the subject.



Proximity to Public Transportation

There is a bus stop located along Brookland Park Boulevard, ~4-minute walk north of the subject.

### 7. COMMENT OF AVAILABILITY OF PUBLIC TRANSPORTATION.

There is a bus stop located at 17<sup>th</sup> & Marshall, ~1,000 feet south of the subject.

#### 8. CRIME

The City of Richmond has an above average total crime index, a significantly higher murder index, and an above average crime index for property, burglary, larceny, and motor vehicle theft. The chart below summarizes the most recent crime statistics for the City of Richmond:

	VA(5176006020
Population Summary	
2023 Total Population	82,537
2028 Total Population	84,979
2023-2028 Annual Rate	0.58%
2023 Crime Indexes (AGS)	
Total Crime Index	123
Personal Crime Index	129
Murder Index	368
Rape Index	107
Robbery Index	147
Assault Index	121
Property Crime Index	122
Burglary Index	110
Larceny Index	128
Motor Vehicle Theft Index	101

Data Note: The Crime Index is an indication of the relative risk of a crime occurring and is measured against the overall risk at a national level. Values above 100 indicate the area has an above average risk of occurring compared to the US. Values below 100 indicate the area has a below average risk of occurring compared to the US. The Crime Indexes provides an assessment of the relative risk of seven major crime types: murder, rape, robbery, assault, burglary, larceny, and motor vehicle theft. It is modeled using data from the FBI Uniform Crime Report and demographic data from the U.S. Census and Applied Geographic Solutions (AGS).

# 9. PROVIDE CONCLUSION CONCERNING THE SUITABILITY OF THE PROPOSED SITE FOR THE PROPOSED USE.

The proposed site is adequately sized and shaped for the proposed development. See below site plan:



## LOCATION ANALYSIS

As part of the location analysis, a competitive location rating of the area is prepared. This rating procedure has two steps. First, each submarket is compared with another area about various factors and each element of comparison is rated in terms of a numerical score. The higher the rating assigned to an area, the higher its score. Second, the submarkets are ranked relative to one another using a calibrating process. The resulting scores are then totaled. A higher score identifies an area considered superior. The rating numbers will range from 1, being the worst, to 3 being the best.

Location Rating Factor (by Submarket)

	Subject	Manchester	The Fan
Rating Factor			
Proximity to Existing Development	3	3	3
Public Planning/ Development Support	3	3	3
Path of Growth	_ 3	3	3
Reputation/ Prestige	3	3	3
Access/ linkages (now and future)	3	3	3
Schools	I	1	2
Restaurants/ Shopping	_ 3	2	3
Employment Center	3	2	3
Higher Income Housing	2	3	3
Recreational Facilities	3	3	3
Aesthetics- natural features	3	2	3
Infrastructure- existing and committed	3	2	3
*Detrimental Influences	2	1	2
	_		
Score	35	31	37
% of Total Scores	90%	79%	95%

The subject's PMA is compared to the two closest PMAs. The subject scored 35 out of a possible 39 which equates to 90%. There are no known hazards, nuisances, or detrimental influences in the area. The subject's submarket appears to be suitable for low to moderate income housing.

#### E. MARKET AREA DEFINITION

(Format derived from Version 3.0, Adopted 1/14/2013; Section E; Market Area Definition; NCHMA)

#### I. Define the Primary Market Area

The definition of a market area for any real estate use is generally limited to the geographical area within which consumers will consider the available product alternatives to be relatively equal. Frequently, a primary area is defined where consumers will have the highest propensity to choose a specific product at a specific location, and a secondary area is defined where consumers are less likely to select a product at that location, but where demand from consumers will still be significant.

#### Time-Distance Concepts

Time distance relationships are often used to determine a subject's Primary Market Area (PMA). A PMA is the geographical area that the subject is expected to draw most of its tenant base from. Time distance concepts are simply the relationship between the time it takes, and distance one has to travel to get to their respective destination. This concept recognizes the relationship between where a tenant chooses to live and the distance to their respective destination. Some of the most important factors in a time-distance relationship include proximity to work, school, entertainment, or shopping.

Competitive Area (area over which equally desirable properties tend to compete with the subject)

After analyzing the time-distance relationship between the subject and employment and support facilities as well as the market area for competitive housing, the analyst concludes that the market area for the subject apartment project includes generally the northern portion of the City of Richmond.

#### **Direct Survey Method**

In employing the Direct Survey Method, we simply surveyed the existing competitive inventory to determine where they are drawing their residents from in terms of geographical location. Of those properties that participated in our survey, we found that approximately 90% of the residents are being drawn from an approximate 3-mile radius to their respective location. Accordingly, based upon our direct survey of the market, we can reasonably account for up to 72 of the 80 dwelling units' demand, which equates to 90%. Secondary market would make up the balance of the units, but our analysis only focuses on the PMA.

## Commuting Patterns

Commuting patterns measure the daily travel between places of residence and places of work. To be classified as a commuter, a worker must cross at least one political boundary when traveling between work and home. This information facilities the analyst in establishing the demarcations of the subject's PMA. It estimates where employment hubs are in proximity to employee's places of residence. By measuring the mean travel time to work, we can establish the PMA by simply approximating the distance traveled from home to work. This is a good foundation facilitating how far residents are willing to travel to work.

Approximately 86% of commuters have a commute time of less than the 35-minute mean travel time to work.

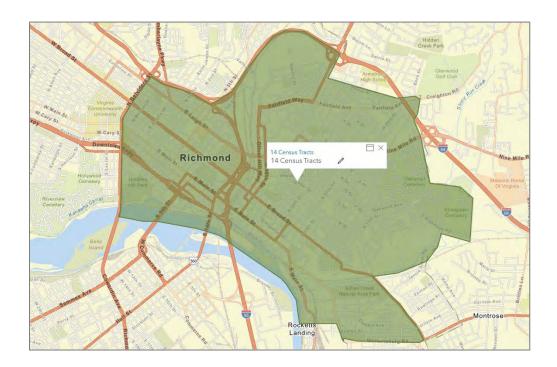
#### Conclusion

Based on field research and prior analysis of market conditions in the area, along with an assessment of population change and housing development, employment, transportation and geographic patterns, municipality definitions, housing stock conditions, and the location of competitive affordable housing, the effective primary market area for the subject is as follows;

PMA	
<u>Census Tracts</u>	<u>Jurisdiction</u>
517600201.00	City of Richmond
517600202.00	City of Richmond
517600203.00	City of Richmond
517600204.00	City of Richmond
517600205.01	City of Richmond
517600205.02	City of Richmond
517600206.00	City of Richmond
517600207.00	City of Richmond
517600208.00	City of Richmond
517600209.00	City of Richmond
517600211.00	City of Richmond
517600302.00	City of Richmond
517600305.02	City of Richmond
517600305.01	City of Richmond

Secondary markets include concentric areas outward from previous boundaries determine. A Primary Market Area can further be examined on a macro and micro level. A macro-PMA is defined where consumers will have the highest propensity to choose a specific product at a specific location (as per the above stated definition) and demand may account for absorbing the vast majority of the proposed units. As previously stated, the subject properties macro-PMA is defined above. The micro-PMA examines relevant trends in the subject properties immediate market area. Because the area of study is significantly smaller than the macro-PMA, demand accounts for absorbing only a small portion of the units. Our micro-PMA includes the census tract in which the subject property is located. For illustrative purposes, we will often refer to demographic trends within the county only. We anticipate 30% of the units to be absorbed from the subject's micro-PMA; 60% to be absorbed by the subject's macro-PMA and the remaining 10% to be absorbed by secondary markets. Thus, we anticipate that by focusing on the subject's macro-PMA, we can reasonably account for 90% of derived demand.





The subject's PMA is defined in the above map. Land uses in the immediate area are consistent with and complementary to the subject's proposed development.

In the immediate vicinity of existing residential, office, multifamily, and retail. There is a wide array of land uses in the subject's immediate market area. The area is suburban in nature.

# F. EMPLOYMENT AND ECONOMY

(Format derived from Version 3.0, Adopted 1/14/2013; Section F; Employment and Economy; NCHMA)

#### I & 2 EMPLOYMENT BY INDUSTRY

The chart below considers the employment by industry for the county, which most closely approximates the subject's PMA, and the entire MSA. As demonstrated, the composition of employment by industry for the county is consistent with the composition of employment by industry for the entire MSA. This is a diverse industry base with no one sector that is dominating the job sector to the detriment of the rest.

Total Employment by Industry		
	Richmond City	% of Total
	20	0.000/
Agriculture, Forestry, Fishing and Hunting	32	0.02%
Mining, Quarrying, and Oil and Gas Extraction	32	0.02%
Utilities	240	0.15%
Construction	5,78 <del>4</del>	3.71%
Manufacturing	5, <del>4</del> 38	3.49%
Wholesale Trade	3,905	2.51%
Retail Trade	7,469	4.80%
Transportation and Warehousing	3,933	2.53%
Information	1,348	0.87%
Finance and Insurance	9,322	5.99%
Real Estate and Rental and Leasing	3,828	2.46%
Professional, Scientific, and Technical Servi	11,307	7.26%
Management of Companies and Enterprises	8,415	5.40%
Administrative and Support and Waste Management	9,374	6.02%
Educational Services	3,413	2.19%
Health Care and Social Assistance	22,451	14.42%
Arts, Entertainment, and Recreation	2,644	1.70%
Accommodation and Food Services	11,901	7.64%
Other Services (except Public Administration)	5, <del>4</del> 21	3.48%
Government Total	39,488	25.35%
Total, All Industries	155,745	100%

## 3. HISTORICAL UNEMPLOYMENT RATE

Unemployment rates in the country have historically been higher than the state and consistent with US levels.

Year	Richmond City	VA	US	
2012	7.30%	5.90%	8.10%	
2013	6.60%	5.60%	7.40%	
2014	6.00%	5.10%	6.20%	
2015	5.10%	4.40%	5.30%	
2016	4.60%	4.00%	4.90%	
2017	4.30%	3.70%	4.40%	
2018	3.60%	3.00%	3.90%	
2019	3.30%	2.80%	3.70%	
2020	9.10%	6.50%	8.10%	
2021	5.30%	3.90%	5.30%	
2022	3.40%	2.90%	3.60%	

Unemployment rates at the city, state and national levels have been trending downwards. Unemployment rates in the county have maintained their lower levels than state and national levels.

Month/Yr.	Richmond City	VA	US
Dec-22	3.20%	2.50%	3.30%
Jan-23	3.80%	3.00%	3.90%
Feb-23	3.60%	2.90%	3.90%
Mar-23	3.40%	2.80%	3.60%
Apr-23	3.00%	2.40%	3.10%
May-23	3.20%	2.80%	3.40%
Jun-23	3.40%	2.90%	3.80%
Jul-23	3.30%	2.90%	3.80%
Aug-23	3.80%	3.20%	3.90%
Sep-23	3.70%	3.00%	3.60%
Oct-23	3.60%	3.00%	3.60%
Nov-23	3.60%	2.90%	3.50%
Dec-23	3.30%	2.70%	3.50%

Monthly trends have been consistent with years past.

# 4. AREA MAJOR EMPLOYERS

PMA MAJOR EMPLOYER LIST (by order (Non Retail)	er of number of em	ployees)
Employer Name	County	Industry Sector
VCU MCV Hospital	City of Richmond City of Richmond	
City of Richmond Richmond City Public Schools	City of Richmond City of Richmond	Government
US Department of Veterans Affairs HCA Virginia Health System	City of Richmond City of Richmond	Government
BB&T Corp MCV Physicians	City of Richmond City of Richmond	Financial Medical
Federal Reserve Bank, Richmond University of Richmond	City of Richmond City of Richmond	

# 5. COMMENT OF RECENT OR PLANNED MAJOR EMPLOYMENT EXPANSIONS.

There is no anticipated significant change in employment that is expected to alter the economic fundamentals of the subject's primary market area. The current employment base is expected to sustain the economy. Unemployment rates appear to be stable. As the economy improves, the unemployment rate is expected to improve. The MSA is somewhat economically insulted due to the large government-based presence.

#### 6. IN RELEVANT MARKETS, COMMENT OF AVAILABILITY OF AFFORDABLE HOUSING

Primary for employees of businesses and industries that draw from PMA.

Not Applicable

## 7. TYPICAL WAGES BY OCCUPATION

Average Weekly Wage by Industry	\$
Agriculture, Forestry, Fishing and Hunting	\$1,283
Mining, Quarrying, and Oil and Gas Extraction	\$2,268
Utilities	\$2,258
Construction	\$1,284
Manufacturing	\$1,482
Wholesale Trade	\$1,489
Retail Trade	\$750
Transportation and Warehousing	\$1,219
Information	\$1,820
Finance and Insurance	\$2,305
Real Estate and Rental and Leasing	\$1,632
Professional, Scientific, and Technical Servi	\$2,156
Management of Companies and Enterprises	\$2,851
Administrative and Support and Waste Manageme	\$1,104
Educational Services	\$1,318
Health Care and Social Assistance	\$1,357
Arts, Entertainment, and Recreation	\$578
Accommodation and Food Services	\$548
Other Services (except Public Administration)	\$1,096
Government Total	\$1,441
Average for City	\$1,512

The total average for the county of \$1,512.

# 8. COMMUTING PATTERNS

Commuting patterns measure the daily travel between places of residence and places of work. To be classified as a commuter, a worker must cross at least one political boundary when traveling between work and home.

Commuting Patterns	Persons
People who live and work in area	34,011
In-Commuters	120,669
Out-Commuters	56,171
Net In-Commuters	64,498

There are approximately 34,011 people who reside and work in the city. The total number of persons commuting into the city is more than those that commute out of the City by approximately 64,498 persons.

## 9. Conclusions

The market should continue to grow at a moderate and deliberate pace. The growth will continue to be fueled by the public sector and Richmond MSA growth. The area will continue to be an attractive business location due to; good location, quality labor supply, and diverse and deep corporate community with global reach.

The velocity of economic activity varies dramatically from an impending upsurge in some submarkets to continued softness in others. The City of Richmond is an economically viable market.

# G. Demographic Characteristics

(Format derived from Version 3.0, Adopted 1/14/2013; Section G; Demographic Characteristics; NCHMA)

# Population and household estimates and projections

#### **General Population Trends**

The population for the subject's PMA increased approximately 24.64% between 2010 and 2023. The total population for the PMA is estimated at 39,992 in 2028 which represents an annual 1.16% growth rate over the next 5 years. This change in population over this time span is considered moderate and thus we can conclude that the population in the subject's PMA is growing at a constant and deliberate pace.

General Population Trends						
Year	No.	% Change	Annual % Change			
2010	30,320	Base Year	Base			
2023	37,791	24.64%	1.90%			
2028 (est)	39,992	5.82%	1.16%			

#### Population by Age

Population By Age	2023	%	2028 (est)	%
0-4	2,041	5.40%	2,200	5.50%
5-9	1,890	5.00%	1,880	4.70%
10-14	1,776	4.70%	1,720	4.30%
15-24	7,558	20.00%	8,598	21.50%
25-34	8,314	22.00%	7,918	19.80%
35-44	4,541	12.00%	4,999	12.50%
45-54	3,332	8.80%	3,599	9.00%
55-64	3,974	10.50%	3,799	9.50%
65-74	2,721	7.20%	3,119	7.80%
75-84	1,247	3.30%	1,560	3.90%
85+	491	1.30%	560	1.40%
Total	37,791	100%	39,992	100%
Below 35		57.10%		55.80%

As indicated above, approximately 57.10% of the population is 35 years of age or younger, which is the typical age range for an apartment dweller. There does not appear to be any significant shifts in the age composition of the population over our survey period.

#### General Housing Trends

To take a more detailed look at the average and projected household size, we will take a closer look at the components of this equation; housing trends and population in households.

Housing Trends; PM	A				
	Population in			Persons per	Occupancy
Year	НН	Households	Housing Units	НН	%
2010	27,303	12,879	15,503	2.12	83%
2023	36,621	19,479	22,004	1.88	89%
2028 (est)	38,890	20,686	23,184	1.88	89%
Household Trend Ana	alysis				
	Number	G	rowth Rate (%)		
Year	Total	Annual	Total	Annual	
2010-2023	6,600	508	51.25%	3.94%	
2023-2028	1,207	241	6.20%	1.24%	
Housing Unit Trend A	nalysis				
	Number	G	rowth Rate (%)		
Year	Total	Annual	Total	Annual	
2010-2023	6,501	500	41.93%	3.23%	
2023-2028	1,180	236	5.36%	1.07%	

#### Housing Trends in macro-PMA

- Persons in occupied housing units increased from 2023 to 2028 and is expected to remain the same.
- Households from 2023 to 2028 and is expected to continue increasing at around 1.24% annually.
- Housing units increased from 2023 to 2028 and is expected to increase at a rate lower than the previous decade, at around 1.07% per year.
- The persons-per-household has generally decreased and is expected to remain the same. Persons per HH dropped from 2010 to 2023.
- Occupancy rates have generally increased, as persons per household has decreased. It
  is not uncommon for the ratio of households (occupied houses) to housing units (includes
  occupied and vacant houses) to be somewhat low because of the ratio of abandoned
  houses.

In almost every market, rural and urban, there has been a decline in the household size since 1960 because of several sociological factors including smaller families, fewer extended or three generation families, greater number of divorces and single parents, increased personal longevity yielding more elderly, one- and two-person households, etc. (By definition, the minimum household size is 1.0.). The PMA is no exception to this trend.

#### Households by Tenure

Owner/ Renter Occupancy in PMA						
	2010	%	2023	%	2028 (est)	%
Owner	3,411	22%	4,445	20%	4,683	20%
Renter	9,472	61%	15,029	68%	15,997	69%
Vacant	2,620	17%	2,530	12%	2,504	11%
TOTAL:	15,503	100%	22,004	100%	23,184	100%
Households	12,883		19,474		20,680	
*Adj Renter %	74%		77%		77%	

<sup>\*-</sup> nets out vacant households

Based upon information provided by the Site to do Business, the ratio of renters to owners in the subject <u>PMA</u> instead from 2010 to 2023. It is currently 68%. This ratio is expected to decrease by about one percent over the next five years. The ratio of multifamily households is approximately 77%, after netting out vacant households.

#### DISTRIBUTION OF INCOME

#### Income Restrictions

Establishing the factor to identify which target households are eligible by income requires the definition of the limits of the affordable income range. The following table presents the data used in the MSA market in deriving these ranges. The upper limit is constrained using HUD income limits adjusted for household size. This analysis converts household size into bedroom mix using maximum reasonable occupancies, given the household size distribution. Therefore, the expected household size average of an EFF is 1 person; 1 BR is 1.5 persons; 2 BR is 3 persons, and a 3 BR is 4.5 persons, etc.

Pertaining to the affordable units; the affordability range, including the lower limits, for the analysis, is estimated using expenditure patterns reflecting what consumers typically pay for housing. The lower limits are typically established by assuming a household can reasonably afford to pay no more than <u>35</u>% of its income for gross housing expenses, including utilities and maintenance. (The most recent Consumer Expenditure Survey (CEX) by the Census Bureau indicates that the average cost paid by U.S. households is around 38%). The upper limits are established using the HUD limits referred to above.

The analysis is contained on the following page.

The first of two income band tables below consider the subject as all LIHTC units and the second considers the project-based voucher units. The income bands are as follows;

INCOME LIMIT DERIVATION (Considers Project PMA	ct as all LIHTO	C units)								
LIHTC Income/Rent Restriction Unit Type (No. of BR's) No. of Units No. of PBV Units (assuming all LIHTC) Proposed Rents UTILITY ALLOWANCE GROSS RENTS Annual Rent	30%/30% 1.1 9 0 \$502 98 \$600 \$7,200	50%/50% 1.1 2 0 \$902 98 \$1,000 \$12,000	80%/80% 1.1 3 0 \$1,300 98 \$1,398 \$16,776	30%/30% <b>2.2</b> 5 0 \$588 132 \$720 \$8,640	50%/50% 2.2 14 0 \$1,068 132 \$1,200 \$14,400	60%/60% 2.2 8 0 \$1,308 132 \$1,440 \$17,280	80%/80% 2.2 20 0 \$1,788 132 \$1,920 \$23,040	30%/30% 3.2 6 0 \$661 170 \$831 \$9,972	6 60%/60% 3.2 2 0 \$1,493 170 \$1,663 \$19,956	3.2 11 0 \$2,048 \$170 \$2,218 \$26,616
Incomes needed to Support Gross Rents (with no subsidy component considered)	\$20,571	\$34,286	\$47,931	\$24,686	\$41,143	\$49,371	\$65,829	\$28,491	\$57,017	\$76,046
Proportion of Units Eligible for Restrictions Eligible Households:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Eligible Income, Upper Limit @ 30% of AMI Eligible Income, Upper Limit @ 50% of AMI Eligible Income, Upper Limit @ 60% of AMI Eligible Income, Upper Limit @ 80% of AMI	\$24,000	\$40,000	\$64,000	\$28,800	\$48,000	\$57,600	\$76,800	\$33,270	\$66,540	\$88,720
Maximum Tax Credit Eligible Gross Rents (30%) Maximum Tax Credit Eligible Gross Rents (50%) Maximum Tax Credit Eligible Gross Rents (60%) Maximum Tax Credit Eligible Gross Rents (80%)	\$600	\$1,000	\$1,600	\$720	\$1,200	\$1,440	\$1,920	\$831	\$1,663	\$2,218
Target Income Ranges: to	\$20,571 \$24,000	\$34,286 \$40,000	\$47,931 \$64,000	\$24,686 \$28,800	\$41,143 \$48,000	\$49,371 \$57,600	\$65,829 \$76,800	\$28,491 \$33,270	\$57,017 \$66,540	\$76,046 \$88,720
INCOME LIMIT DERIVATION (Considers PBV t PMA	units)									
LIHTC Income/Rent Restriction Unit Type (No. of BR's) No. of Units No. of PBV Units Proposed Rents UTILITY ALLOWANCE GROSS RENTS Annual Rent	PBV 30%/30% 1.1 9 9 \$502 98 \$600 \$7,200	LIHTC 50%/50% 1.1 2 0 \$902 98 \$1,000 \$12,000	LIHTC 80%/80% 1.1 3 0 \$1,300 98 \$1,398 \$16,776	PBV 30%/30% <b>2.2</b> 5 5 \$588 132 \$720 \$8,640	LIHTC 50%/50% 2.2 14 0 \$1,068 132 \$1,200 \$14,400	2.2 8 0 \$1,308 132 \$1,440 \$17,280	LIHTC 80%/80% 2.2 20 0 \$1,788 132 \$1,920 \$23,040	3.2 6 6 \$661 170 \$831 \$9,972	LIHTC 60%/60% 3.2 2 0 \$1,493 170 \$1,663 \$19,956	LIHTC 80%/80% 3.2 11 0 \$2,048 \$170 \$2,218 \$26,616
Incomes needed to Support Gross Rents (with no subsidy component considered)	\$20,571	\$34,286	\$47,931	\$24,686	\$41,143	\$49,371	\$65,829	\$28,491	\$57,017	\$76,046
Proportion of Units Eligible for Restrictions Eligible Households:	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Eligible Income, Upper Limit @ 30% of AMI Eligible Income, Upper Limit @ 50% of AMI Eligible Income, Upper Limit @ 60% of AMI Eligible Income, Upper Limit @ 80% of AMI	\$24,000	\$40,000	\$64,000	\$28,800	\$48,000	\$57,600	\$76,800	\$33,270	\$66,540	\$88,720
Maximum Tax Credit Eligible Gross Rents (30%) Maximum Tax Credit Eligible Gross Rents (50%) Maximum Tax Credit Eligible Gross Rents (60%) Maximum Tax Credit Eligible Gross Rents (80%)	\$600	\$1,000	\$1,600	\$720	\$1,200	\$1,440	\$1,920	\$831	\$1,663	\$2,218
Target Income Ranges:	\$20,571 \$24,000	\$34,286 \$40,000	\$47,931 \$64,000	\$24,686 \$28,800	\$41,143 \$48,000	\$49,371 \$57,600	\$65,829 \$76,800	\$28,491 \$33,270	\$57,017 \$66,540	\$76,046 \$88,720

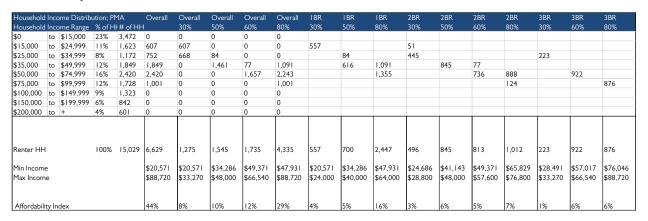
Units have income restrictions at 30%, 50%, 60% and 80%. There is only project based rental units within the 30% income bands. There is a total of 20 PBV units. The rent level, the resulting affordability limits, and the income distribution among the lower income households in the market, create a segment for family households. The income range for a rental project is illustrated in the above tables.

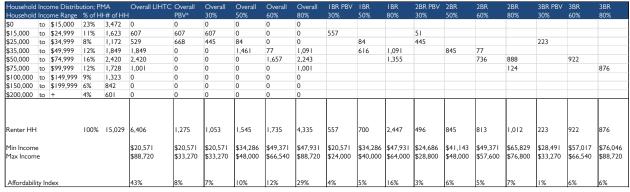
It is possible that some households, with higher incomes and larger family sizes, could qualify for units, and that some smaller households will also qualify for the bedroom units or choose to pay more than 35% of their income for housing. However, this range is estimated to include the bulk of the potential tenants. This analysis uses the income distributions for family households in the subject's PMA as the income standard, not the MSA. The inclusion of other county/ city households within the PD may skew the market area medians and result in an inaccurate estimation of demand.

#### **AFFORDABILITY**

The affordability index quantifies the number of households that fall within the income range established in the previous table. Those households that fall within the income range can afford the proposed product. Within this analysis, we have assumed an even spread of households throughout the income range.

There are two affordability indexes below. The first considers the indexes of the property as an all a LIHTC property and the second considers the mix of LIHTC units and Section 8 units. The affordability indexes are as follows;





The overall affordability index is 43% for all units. The affordability index is 43% for the Overall LIHTC units. The overall affordability index for the PBV units is 8%. The affordability index is

simply the ratio of renter qualified households by the total number of renter households. The affordability index is further segmented by bedroom as demonstrated in the above table.

#### Adjust for Normal Vacancy

At any given time, some units will be vacant because of seasonal occupancy or the need to refurbish units. A vacancy rate of about 5% is often applied to the demand forecast to reflect a market in equilibrium. In non-valuation studies, such as a feasibility analysis for proposed construction, this adjustment is used to estimate the supportable project size. We have made a 5% allowance in our analysis.

#### **Demand Generators**

Marginal demand for real estate is typically of function of two basic indices; Changes in Population and Trends within the Existing Housing Inventory. Within each category, various demand generators are present. A brief description of each form of marginal demand is described below.

#### Change in population

Initially, the change in population is the primary component which drives household demand. As population increases/ decreases, the demand for housing increases/ decreases relative to household size. If average household size remains constant, as population increases, the demand for households also increases. Conversely, if population decreases, the demand for households decreases. The change in population has the potential of increasing/ decreasing overall household demand. This form of demand is new demand.

#### **Existing Inventory**

Movership demand and latent demand (often referred to as "pent-up" demand)

Movership demand is simply a form of trending within the existing household inventory. Movership demand is created as the existing inventory of housing shifts into/ out of the subject's target qualification criteria. Movership demand is demand generated by the upward/ downward mobility of lower/ upper-income households. If move-up demand exceeds move-down demand, then a positive "net" demand is created. This marginal demand estimate can be added to or subtracted from the existing demand, thus increasing/ decreasing overall demand. If move-down demand exceeds move-up demand, then a negative "net" demand is created. This marginal demand estimate is subtracted from the existing demand, thus decreasing overall demand.

<u>Latent demand</u>, which is also referred to as pent-up demand, typically results from under building in an area. If, over the last several years, rental building has not kept pace with the population increase and, more importantly, the percentage of the population desiring (or needing) rental units that had been forecast to increase, latent demand might be present.

During our analysis, we have estimated that "latent" demand will be generated from five sources; existing unmet demand (existing demand exceeds existing supply), cost burden renters, substandard households, waiting lists and conversions.

- Existing Demand may be present if current demand for a product exceeds the current supply for a product type.
- Family/ Elderly Cost Burden Renters are those renters that are spending more than 35%/ 40% of their income for housing costs.

- Substandard Households are those households that have incomplete kitchen facilities, incomplete plumbing facilities or more than one person per room.
- Waiting lists is a form of pent-up demand in which a tenant (demand) must wait for a residential unit (supply).
- Conversions are simply those that reside in one form of housing and may convert to another form of housing. Most commonly this occurs between homeowners and renters.

If latent demand exists, then it always represents a positive adjustment to existing demand.

#### Adjust for Movership Demand

As previously discussed, movership demand is created from trending within the existing inventory.

#### Trends

Based upon our analysis, we anticipate that "move-up" gains are expected to mostly be cancelled out from "lateral- losses" and thus a 0% additional demand is generated from trending.

#### Adjust for Latent Demand

Our analysis indicates that the current demand for the subject exceeds the current supply and therefore, a positive residual demand exists.

Cost Burden Renters are those renters that spending more than 35% of income for housing costs. Based upon information provided by the US Census Bureau, approximately **42%** of renter households in the subject PMA are considered cost burden households.

Substandard Households are those households that have incomplete kitchen facilities, incomplete plumbing facilities or more than one person per room. Based upon information provided by the US Census Bureau, approximately 1% of renter households are considered substandard households.

We have estimated that **around 43**% of *current* renter households are a combination of cost burden and substandard households. Not all the cost burden households and substandard households will qualify for the subject; however, more than the average affordability index will qualify given that the subject is designed to cater to this household segment. Therefore, we have estimated the affordability index at **50**% for this household segment. The balance of those households that would not qualify would likely remaining in their current house or find housing with a deeper form of subsidy.

#### H. COMPETITIVE ENVIRONMENT

#### COMPARABLE PROPERTY PROFILES

The first part of the analysis calls for an inventory of available and anticipated competitive supply. Quantitative supply data can be obtained from many sources. The most common sources include; apartment associations, private market research firms and local municipal governments.

In the second part of the supply analysis, a quantitative ranking of competitive apartments is developed. We relied on judgment to complete the quantitative survey and rate the subject against the competition.

#### EXISTING STOCK OF COMPETITIVE PROPERTIES

Predominate type of development and conformity.

The predominately type of development in the subject's PMA is residential in nature. The multifamily inventory is typically garden style walk up communities. The subject will be a Class B community and is anticipated to have a moderate degree of conformity with other Class B projects in the PMA.

#### **Existing Properties**

Using quantitative data obtained from municipal lists of existing apartments and unit totals, we estimated the multifamily inventory within the subject's PMA at approximately 449 multifamily units (including project based and LIHTC units). Not all these units are competitive with the subject. Some units are occupied by tenants with household incomes above or below the range specified for the subject. The subject will be a family oriented LIHTC property and only other family oriented LIHTC properties are expected to compete with the subject. Therefore, we have conducted a survey on the existing inventory of family oriented LIHTC properties contained in the subject's PMA.

#### **Planned Projects**

We are not aware of any new LIHTC projects coming online in the subject's PMA, which are currently under construction or in the planning phase. Based upon conversations with city/ county officials and housing trends, a total allowance of 500 competitive new dwelling units is estimated within the subject's PMA over the mid-range forecast (5 years;). Because the lending market has become more restrictive, fewer development loans are being made in the area. However, more recently, signs of the lending market relaxing, increased occupancy rates and increasing rents again is expected stir new development in the years to come.

#### ANALYSIS OF COMPETITIVE SUPPLY AND RATING OF THE SUBJECT AGAINST THE COMPETITION

To obtain an inventory of apartment projects that are competitive with the subject, the noncompetitive properties must be segmented out from the existing and anticipated supply. In this step, noncompetitive supply is identified in the rating process. We have rated apartment complexes in the subject's PMA in terms of three major criteria: location, age/ condition, and amenities.

#### Location

Each of the areas where apartment communities are clustered was assigned a rating on a scale of 1 to 3; the better the location within the PMA, the higher the rating.

#### Age/ Condition

The age/ condition of the apartment complexes was rated 1 to 3. The older complexes received a lower rating whereas; newer complexes received a higher rating.

#### Amenities

Property amenities include amenities offered within the apartments and common site amenities. Properties with a superior amenity package received the higher rankings.

Other factors considered include whether the project is affordable or market oriented and
the overall size of the complex. Properties of similar age and physical characteristics may
not be considered competitive with the subject because it is not an affordable community.
Also, smaller projects may not be considered competitive either. These factors were
considered in our ranking analysis.

Because the subject will be a family oriented LIHTC property, all other family oriented LIHTC properties are expected to compete with the subject. Subsidized properties and elderly properties were excluded from our analysis. Our ranking analysis is as follows;

Property	Submarket	Age Group	Units	Property Class	Overall Rating	Туре	Build
Market Slip	Shockoe Bottom	30+	30	С	7	LIHTC	Traditional/Gdn
The Oliver	Shockoe Bottom	I to 5	163	В	7	LIHTC	Traditional/Gdn
Richmond Dairy	Jackson Ward	15 to 30	113	В	4	LIHTC	Traditional/Gdn
Tobacco Landing	Shockoe Bottom	30+	62	С	4	LIHTC	Traditional/Gdn
Van De Vyer	Jackson Ward	I to 5	82	В	7	LIHTC	Traditional/Gdn
Total Units Surveyed in PMA			450				

All the properties above are expected to directly compete with the subject. The communities were sorted by their overall rating. The location ratings, the age ratings and the amenities rating were added to produce the overall rating illustrated above. Using their competitive supply ratings, the 5 communities were grouped into three classes; A, B and C. The following table shows the breakout of the apartment complexes by class.

Class	No. of Communities	% of Total Units	No. of Units pe Class	r Rating Scores
Α	0	0%	0	9+
В	3	60%	358	7, 8
С	2	40%	92	<5
Total	5	100%	450	

#### **Conclusion of Competitive analysis**

#### Class A

• There are zero Class A projects located within the subject's PMA.

#### Class B

• There is a total of 3 Class B projects containing 358 dwelling units. The rating scores are 7 and 8.

#### Class C

• There is a total of 2 Class C project containing 92 dwelling units. The rating scores have a range from 5 and below.

The subject is considered to be a Class B asset community upon completion. The subject competes with all other LIHTC properties within the subject's PMA. The subject also competes with market rate properties within the PSA. Market rental rates are generally well above the maximum allowable gross rent (considering utility allowance); therefore, market properties are not considered to directly compete with LIHTC properties within the Subject's MSA. There is a total of 450 income and rent restricted dwelling units between 5 properties surveyed. Of those units surveyed, 100% of the units are expected to compete with the subject.

#### **Comparable Property Photos and Property Profiles**

Per VHDA Guidelines, a general write-up, including photos of all LIHTC properties contained in the subject's PMA is contained on the following pages. Only those LIHTC units that are family oriented and unsubsidized were included in our survey. No market rate properties were included in our survey; however, LIHTC properties with a market rate component were included in our survey as we feel the subject will effectively compete with those units as well.

In some cases, despite our best efforts, properties may not have been surveyed (not returning phone calls, refusal to cooperate). In instances in which we were unable to reach any party to the property, we may have updated older data based on trends, or relied upon online sources. In some cases, in which alternative sources were not available, a property may not have been updated, but still included in our analysis. There is a total of 5 LIHTC properties located in the subject's PMA. Those properties and their status, include;

Property	Status
Market Slip	Updated; Trended
The Oliver	Survey
Richmond Dairy	Survey
Tobacco Landing	Updated; Trended
Van De Vyer	Survey

Several properties may not have been able to be reached for a phone survey. No data was available on these properties publicly. Therefore, they are not included in the following comparable write-ups.

A general write-up of the subject and those properties considered comparable are contained on the following pages. The property profile sheets outline each properties unit matrix, unit amenities, site amenities and utilities/ services included in rent. It's used as a basis for determining the subject's true competition and this analysis further establishes the subject's conformity with its competition and highlights unique aspects of the subject that may serve as a competitive advantage or deficiency.

				INFO	E) RMATION ON (	(HIBIT 1 COMPARAB	LE/ SUBJECT	г		
Property Type	<b>:</b> :	Market ( )	Tax Credit (x	at of AM	İ	Other ( ) De	escribe			
Property Nam		Market Slip A								
Property Addr			Richmond, V				_Phone:	(804) 649-9900		
Physical Occu		100		_%	Estimated ()	Actual (x		As of (date):	Current	
Specify the pr			Brick (x)	Vinyl ( )	T1-11 ( )	Wood ()	Other (x); Des	-		
Your impressi			Good (x)	Average (	Poor ( )	Actual/ Effec		Early 1900's/ 19	93	
What conditio						Good (x)	Average ()	Poor ( )		
					verage, or Poor) a		Good, relative	to other properti	es in the marke	t, the
property is sn	ticipated t	o be compara	ble in quality,	amenities, l	andscaping and a					
Has the prope		enovated? If s	so, what was t	he scope of	the work?:	Yes, the pro	perty has unde	rgone periodic up	grades in order	to stay competitive
in its respective					0	.,				
Is the property						Yes	0	h		
		d oπ a primary	road or seco	ndary / resi	dential street? De	scribe:	Secondary, ti	he comparable is	located along a	secondary
transportation		a prominent o	ntranco cian	vicible from	the primary road?	Voc (v) No (	١			
Does the prop	ocity nave	a prominent e	and ance sign	visible ilolli	ine primary road:	165 (X) 140 (	,			
Unit Mix:		30	Total Units							
				·				7		
# 11-4-	T		Footage			ent * DOF		Income/ Rent	0	044
# Units 24	<i>Type</i> 1x1	<u>Low</u>	<u>High</u> 661		<u>High</u> \$1,102.00	\$/ PSF \$1.67		Restrictions 60%/60%	Conc.	<u>Other</u>
6	2x2		980		\$1,308.00	\$1.33		60%/ 60%		
Unit Ameniti	es: Check	where appro	priate Heat and Co	201	Elecrina	Other				
(x) Range and	d Oven		(x) Central S		Flooring (x) Carpet	(x) Shades/I	Blinds	() Fireplace		() Views
(x) Frost Free		naker	() Wall thru	•	(x) Vinyl		atellite Ready	(x) Vaulted/ High	n Ceiling	( ) Upgraded Lighting
() Microwave			() Window A		( ) Hardwood	() Balcony/l		( ) Upgraded Co		( ) Upgraded Cabinets
(x) Dishwashe (x) Garbage D			() Baseboar () Other: De		() Ceramic () Other	(x) Washer/ (x) W/D Hoo		() Garden Tubs () Moulding		( ) Stainless Steel Appl. ( ) Other; Describe:
(x) Range Ho			() Other. De	scribe	() Other	() Ceiling F		(s) Exposed Bea	am/ Brick	( ) Other, Describe.
				=						
Site Amenitie	es: Check	where approp	oriate	() B			() E		Build	Property Class:
() Pool () Tennis					und/Tot Lots arking/Garages	(x) Elevator () Garden () A () Storage () TH (x) B				
() Rental Offic	ce			(x) Limited			() Other; plea	ise specify:	(x) Mid Rise	()C
() Car Wash				() Fitness	Center				() High Rise	() Other
( ) Business C				(x) Laundry						
( ) Clubhouse	/ commun	ity room		(x) On-Site	Parking					
Utilities and	Services	Included in F	Rent: Check w	here appro	oriate					
() Water & Se				(x) Heat (G				; includes electric	ity	
(x) Trash Pick () Security	up				ter (Gas/ Elec) g (Gas/ Elec)		() No Utilities () Other; plea			
( ) Security				(x) COOKIII	(Gas/ Liec)		( ) Other, piea	ise specily.		
Tenant Reten				60%	_		Newer Prope	rty Only		
Renewal Rate			/th:	100%	_		Pre-Leasing B			_
Typical Annua Marketing Per		Growth Rate:		1% 2 weeks	_		Construction ( Stabilization:	Complete:		-
- Wankeling Fer	iou			_ Z WCCR3			Months:			
							Stabilized Uni			
							Monthly Abso	rption Rate:		
-	1									
= =										
					-					
			100	- TIM	110					
San file		MAL		11,34			Key			
THE PER		No i					x=	indicates feature	e is present	
				阿萨二			s=	present in selec		
	40			1 1			\$= *	present for a fee See Comments		
								See Comments		
COMMENTS										
None										
CONTACT PE	ERSON:			POSITION						EAJOREN

			INF		PROPERTY	BLE		
SUBJECT PROPER								
Property Type:	Market ()	Tax Credit (	x) at 40, 50% of	AMI	Other ( ) Describe	•		
Property Name:	Oliver					Dhana		
Property Address: Physical Occupancy:	908 Oliver Hi		%	Estimated ( )	Actual (x	_Phone:	As of (date): Current	
Specify the property			_	T1-11 ()	Wood ( )	Other (); De		
Your impression of the		Brick (x) Good (X)	Vinyl (x) Average ( )	Poor ()	Actual/ Effective A		Built 2020	
What condition was				F001 ( )	Good (x)	Average ()		
		_	-	ar Daar\ a		Average ( )	1001()	
How would you categ								
Good, relative to other								
Has the property bee	en renovated?	If so, what wa	is the scope of ti	he work?:	Property was con	structed in 202	20	
			atation of a contra	-40	V			
Is the property locate					Yes.	0	N	
Is the property acces	ssed on a prim	ary road or se	condary / reside	entiai street? Des	cribe:	Secondary, 1	the property is located along a	a secondary
Does the property ha	avo a prominor	at ontranco cio	an vicible from th	o primary road?	Voc (v) No ( )			
Does the property ha	ave a prominer	it entrance si	jii visible iroili ti	e primary road?	res (x) NO ( )			
	163	3 Total Units						
Unit Mix:		_			Rent		7	
# Units	BR/BA/Den		Square Feet	<u>Rent</u>	Rent PSF		<u>Restrictions</u>	Concessions
145	1.1		571	\$1,102	\$1.93		60%/60% Income/Rent	
18	2.2	-	789	\$1,308	\$1.66		60%/60% Income/Rent	
		_						
		_						
		-						
		-						
Unit Amenities: Ch	eck where app							
(x) Range and Oven		(x) Central S		Flooring (x) Carpet	Other (x) Shades/Blinds		() Fireplace	(x) Views
(x) Frost Free Ref./ In		() Wall thru		(x) Vinyl	(x) Cable/ Satellite		( ) High/ Vaulted Ceiling	(x) Other; Describe
() Microwave		() Window		() Hardwood	() Balcony/Patio	,	(x) Upgraded Countertops	Rooftop Deck
(x) Dishwasher		() Baseboa		() Ceramic	(x) Washer/ Dryer		( ) Garden Tubs	
(x) Garbage Disposa (x) Range Hood	ıl	( ) Other: De all electric	escribe	(x) Other LVT	(x) W/D Hook-ups () Ceiling Fans	3	( ) Heavy Molding ( ) Exposed Brick/ Beam/ Du	icto
(x) realige 1100d		all electric	-	LVI	_() Celling rails		( ) Exposed Blick/ Bealif Do	icis
Site Amenities: Che	eck where app	ropriate						
( ) Pool				community room	ı	( ) Laundry F	•	
( ) Tennis (x) Rental Office			() Playground/ () Covered Pa			(x) On-Site F (x) Elevator	arking	
() Car Wash Area			(x) Limited Acc				Il Court/ Racquet Ball Court	
(x) Business Office for	or Residents		(x) Fitness Cer			() Other; ple		
( ) Jaccuzi/ Sauna			() Grilling Area	ı				
Utilities and Service	es Included in	Rent: Chec	k where annronr	iate				
(x) Water & Sewer			() Heat (Gas/ I			( ) All Utilities	s; includes electricity	
(x) Trash Pickup			() Hot Water (	Gas/ Elec)		() No Utilitie	s	
( ) Security			( ) Cooking (Ga	as/ Elec)		() Other; ple	ease specify:	
Tenant Retention (Ar	nnual)					Newer Prop	erty Only	
Renewal Rate as \$/9		owth:		-		Pre-Leasing		
Typical Annual Mark	et Growth Rate	e:		-		Construction		
Marketing Period				-		Stabilization:	·	
			The same of			Months: Units:		
		P. 39	white .			Absorption F	Rate:	
STORY TE	E GRANT			T.				<u> </u>
	The same			1				
T		Part Par						
			A SHIP STATE OF	-				
	THE	N N N N	NA SHAME IN CO.	100				_
	22 27 11 1	T. S. F. S.	<b>有呼吸。</b>			Key		
		1 11 11	II WAR			x=	indicates feature is present present in select units	
THE RESERVE	31 11 11	0	The state of the s	2		s= \$=	present in select units present for a fee	
18 F. L. S.		ALL THE	-	_		*	See Comments	
	213		- 000				·	
COMMENTS:								
None.								

				INFORMA	EXHIB TION ON COM		SUBJECT				
Property Typ	e:	Market (x) Ta	ax Credit (	x) at of AMI		Other ( ) De					
Property Nar		The Richmond D									
Property Add		201 W. Marshall		mond, VA			Phone:	(804) 788-8888			
Physical Occ	upancy:	93		%	Estimated ( )	Actual (x	:)	As of (date):	Current		
Specify the p	roperty's exterior:	Bi	rick (x)	Vinyl ()	T1-11 ()	Wood ()	Other (x); Des	cribe			
Your impress	sion of the Property:	G	ood (x)	Average ()	Poor ( )	Actual/ Effe	ctive Age:	Early 1900's/ R	edeveloped in 2	001	
What conditi	on was the property	in considering its	age?:			Good (x)	Average ()	() Poor ()			
How would y	ou categorize the pro	perty's curb appe	al (Good,	Average, or	Poor) and why?:		Good, relative	to other properti	es in the marke	t, the	
property is s	nticipated to be comp	parable in quality,	amenities	, landscaping	g and amenities.						
Has the prop	erty been renovated	? If so, what was t	he scope	of the work?	:	Yes, the pro	perty has unde	rgone periodic u	pgrades in order	to stay competitive	
in its respect											
	ty located on or near	public transporta	tion; if so,	what?		Yes					
Is the proper	ty accessed off a pri	mary road or seco	ndary / re	sidential stre	et? Describe:		Secondary, tl	he comparable is	located along a	secondary	
transportatio	n route.										
Does the pro	perty have a promin	ent entrance sign	visible from	m the primar	y road? Yes (x) N	lo ( )					
Unit Mix:		113 To	otal Units	Т	Pi	<u>ent</u>		Income/ Rent			
# Units	Type	Low	<u>High</u>	Low	<u>High</u>	\$/ PSF	\$/ PSF	Restrictions	Conc.	<u>Other</u>	
5	Studio		370		\$815		\$2.20	60%/ 60%			
11 42	Studio		410		\$845		\$2.06	60%/ 60%			
2	1x1 1x1		520 580		\$955 \$955		\$1.84 \$1.65	60%/ 60% 60%/ 60%			
3	1x1 Bal		515		\$985		\$1.91	60%/ 60%			
1	1x1 Milk Bottle		550		\$980		\$1.78	60%/ 60%			
4	1x1 Milk Bottle		650		\$1,010		\$1.55	60%/ 60%			
7	1x1 Loft		500		\$955		\$1.91	60%/ 60%			
10	1x1 Loft		600		\$1,095		\$1.83	Market			
20	1x1 2x2		780		\$1,120 \$1,085		\$1.87 \$1.39	Market 60%/ 60%			
3	2x2 patio		760		\$1,125		\$1.48	60%/ 60%			
1	2x2 patio		780		\$1,125		\$1.44	60%/ 60%			
2	2x2 Milk Bottle		800		\$1,150		\$1.44	Market			
1	2x2.5 MB/ Loft		925		\$1,155		\$1.25	Market			
1	2x2.5 MB/ Loft		1,075		\$1,305 \$215		\$1.21	60%/ 60%			
(x) Range and (x) Frost Free () Microwawe (x) Dishwash (x) Garbage (x) Range Ho	e Ref./ Icemaker e er Disposal	() () ()	) Central S Wall thru Window Baseboa Other: De	A/C Units rd Heat	(x) Carpet (x) Vinyl () Hardwood () Ceramic () Other	(x) Shades/ (x) Cable/ S (s) Balcony (\$35) Wash (x) W/D Ho () Ceiling F	atellite Ready /Patio er/ Dryer ok-ups	() Fireplace (x) Vaulted/ Hig () Upgraded Co () Garden Tubs () Moulding (s) Exposed Be	ountertops	( ) Views ( ) Upgraded Lighting ( ) Upgraded Cabinets ( ) Stainless Steel Appl. ( ) Other; Describe:	
Cit- Ais									D	Bernanti Classi	
Site Amenit ( ) Pool	ies: Check where ap	propriate		() Plavoro	ınd/Tot Lots		(x) Elevator		Build () Garden	Property Class: () A	
() Tennis					Parking/Garages	3	() Storage		() TH	(x) B	
(x) Rental Of	fice			(x) Limited			() Other; plea	ise specify:	(x) Mid Rise	()C	
() Car Wash				(x) Fitness					() High Rise	() Other	
	Office for Residents e/ community room			(x) Laundry							
(x) Clubrious	e/ community room			(x) On-Site	Parking						
Utilities and	Services Included	in Rent: Check v	vhere appi	ropriate							
(x) Water & S	Sewer			( ) Heat (G				includes electric	ity		
(x) Trash Pic	kup				ter (Gas/ Elec)		() No Utilities				
( ) Security				( ) Cooking	(Gas/ Elec)		() Other; plea	ise specity:			
Tenant Rete	ntion (Annual)			60%			Newer Prope	rty Only			
	e as \$/% of Market (	Growth:		100%	_		Pre-Leasing B				
	al Market Growth Ra	ite:		1%	_		Construction	Complete:		_	
Marketing Pe	eriod			2 weeks	_		Stabilization:			_	
T		-	No.				Months: Stabilized Uni Monthly Abso				
	HI	H	11 10	11 4			Key				
	A COLUMN		All man				x= s=	indicates feature present in select			
							s= \$= *	present in select present for a fer See Comments	Э		
COMMENTS	3:			•	1						
None											
CONTACT P	ERSON:			POSITION:	: <u></u>				_	ENGIUM	

			INFO	E) RMATION ON (	KHIBIT 1 COMPARAB	LE/ SUBJEC	т		
Property Type:	Market ()		x) at of AMI		Other ( ) De	escribe			
Property Name:		nding Apartme					(00.4) 0.40 0000		
Property Address:		n St., Richmoi		F-4:4-4 ( )	A -41 (-	_Phone:	(804) 649-9900	0	
Physical Occupancy:	10		_%	Estimated ( )	Actual (x		As of (date):	Current	
Specify the property's		Brick (x)	Vinyl ( )	T1-11 ( )	Wood ( )	Other (x); Des		100	
Your impression of the		Good (x)	Average ()	Poor ( )	Actual/ Effe		Early 1900's/ 19	193	
What condition was the					Good (x)	Average ()	Poor ( )		
How would you catego						Good, relative	to other properti	es in the marke	t, the
property is snticipated	to be compara	able in quality,	amenities, la	indscaping and a	menities.				
Has the property been	renovated? If	so, what was	the scope of	the work?:	Yes, the pro	perty has unde	ergone periodic up	ogrades in order	r to stay competitive
in its respective marke									
Is the property located	on or near pu	blic transporta	ition; if so, wh	nat?	Yes				
Is the property access	ed off a primar	ry road or seco	ondary / resid	lential street? De	scribe:	Secondary, t	he comparable is	located along a	secondary
transportation route.									
Does the property have	e a prominent	entrance sign	visible from t	he primary road?	Yes (x) No (	)			
Unit Mix: 62 Total Units									
	Square	Footage	γ	R	ent		Income/ Rent		
# Units Type	Square			<u>Rent</u>	\$/ PSF		Restrictions	Conc.	Other_
53 1x1	1	676		\$902.00	\$1.33		50%/50%		
1x1	1	676		\$1,102.00	\$1.63		60%/60%		
9 2x2	1	882	1	\$1,308.00	\$1.48		60%/60%		
Unit Amenities: Chec	k where appro								
Kitchen		Heat and C		Flooring	Other	DI: I			())5
(x) Range and Oven (x) Frost Free Ref./ Ice	maker	(x) Central S () Wall thru		(x) Carpet (x) Vinyl	(x) Shades/	atellite Ready	() Fireplace () Vaulted/ High	Ceiling	( ) Views ( ) Upgraded Lighting
() Microwave	illakei	() Window		() Hardwood	() Balcony/		( ) Upgraded Co		( ) Upgraded Lighting ( ) Upgraded Cabinets
(x) Dishwasher		() Baseboa		() Ceramic	() Washer/		() Garden Tubs		() Stainless Steel Appl.
(x) Garbage Disposal		() Other: D	escribe	() Other	( ) W/D Hoo	ok-ups	( ) Moulding		() Other; Describe:
(x) Range Hood		-	_		_() Ceiling F	ans	(s ) Exposed Be	am/ Brick	
Site Amenities: Chec	k where annro	nriate						Build	Property Class:
() Pool	k where appro	priate	() Playgrou	ind/Tot Lots		(x) Elevator		() Garden	() A
() Tennis				rking/Garages		() Storage		() TH	(x) B
(x) Rental Office			(x) Limited	Access;		() Other; plea	se specify:	(x) Mid Rise	()C
() Car Wash Area	D: -!		() Fitness (					() High Rise	() Other
( ) Business Office for ( ) Clubhouse/ commun			(x) Laundry (x) On-Site						
( ) Glabilouse, commu	iity room		(x) OII-OILC	i aikiig					
Utilities and Services	Included in	Rent: Check							
() Water & Sewer			(x) Heat (G				; includes electric	eity	
(x) Trash Pickup () Security				er (Gas/ Elec) (Gas/ Elec)		() No Utilities () Other; plea			
17 coodinty			(x) cooking	(Odo/ <b>2.00</b> )		( ) Other, piec	ioo opoony.		
Tenant Retention (Ann	ual)		60%	=		Newer Prope	erty Only		
Renewal Rate as \$/%		wth:	100%	_		Pre-Leasing E			_
Typical Annual Market Marketing Period	Growth Rate:		1% 2 weeks	-		Construction Stabilization:	Complete:		_
Warketing Feriod			_ Z WEEKS			Months:			_
		11	1/7			Stabilized Uni	ts:		
		1	- Par			Monthly Abso	rption Rate:		
7				1					
~ /	100	2 2	E 15	81					
		1 5		=					
State of the state			悲 尼	- 1					
OF BEEN			100	95		Key			
The second		1				x= s=	indicates feature present in selec		
7-0		Year Inches		1 11		s= \$=	present for a fee		
1		-	No.			*	See Comments		
	V Kan								
COMMENTO	A MARKO		11 100	H					
COMMENTS: None									
CONTACT PERSON:			POSITION:						EAJOIUNI

	SUBJECT PROPERTY INFORMATION ON RENT COMPARABLE								
SUBJECT PROPERTY									
Property Type:	Market ()	Tax Credit	(x) at 40, 50% of	of AMI	Other ( ) Descrit	oe .			
Property Name:	Van De Vyve	er							
Property Address:	· ·								
Physical Occupancy	: 10	0	%	Estimated ()	Actual	(x)	As of (date):	Current	
Specify the property	s exterior:	Brick (x)	Vinyl (x)	T1-11 ( )	Wood ()	Other (); De	scribe		
Your impression of th	ne Property:	Good (X)	Average ()	Poor ( )	Actual/ Effective Age: Built 2020				
What condition was	the property ir	considering	its age?:		Good (x)	Average ()	Poor ()		
How would you cated	gorize the prop	perty's curb a	ppeal (Good, Av	verage, or Poor) a	nd why?:				
Good, relative to other	er properties i	t is comparab	le in quality, am	enities, landscapi	ng and maintenand	e.			
Has the property bee					Property was co		20		
rido dio proporty boo	on ronovatou.	00,	ao alo ocopo ol		Troporty was so				
Is the property locate	ed on or near	public transpo	ortation; if so, w	hat?	Yes.				
Is the property acces	sed off a prim	nary road or s	econdary / resid	lential street? Des	cribe:	Secondary,	the property is loc	ated along a secondary	
transportation route.									
Does the property ha	ave a promine	nt entrance s	gn visible from	the primary road?	Yes (x) No ()				

	82 T	otal Units				
Unit Mix: # Units	BR/BA/Den	Square Feet	<u>Rent</u>	<u>Rent</u> <u>Rent PSF</u>	Restrictions	Concessions
58	Studio	473	\$947	\$2.00	60%/60% Income/Rent	
17	1.1	545	\$1,013	\$1.86	60%/60% Income/Rent	
7	2.2	875	\$1,391	\$1.59	60%/60% Income/Rent	

#### Unit Amenities: Check where appropriate

Kitchen	Heat and Cool	Flooring	Other		
(x) Range and Oven	(x) Central System	(x) Carpet	(x) Shades/Blinds	() Fireplace	(x) Views
(x) Frost Free Ref./ Icemaker	() Wall thru	(x) Vinyl	(x) Cable/ Satellite Ready	( ) High/ Vaulted Ceiling	(x) Other; Describe:
( ) Microwave	( ) Window A/C Units	() Hardwood	(x) Balcony/Patio	(x) Upgraded Countertops	Rooftop Deck
(x) Dishwasher	() Baseboard Heat	() Ceramic	(x) Washer/ Dryer	() Garden Tubs	
(x) Garbage Disposal	( ) Other: Describe	(x) Other	(x) W/D Hook-ups	( ) Heavy Molding	
(x) Range Hood	all electric	LVT	() Ceiling Fans	( ) Exposed Brick/ Beam/ Du	icts

#### Site Amenities: Check where appropriate

( ) Tennis	( ) Playground/Tot Lots	(x) On-Site Parking
(x) Rental Office	( ) Covered Parking/Garages	(x) Elevator
() Car Wash Area	(x) Limited Access;	( ) Basketball Court/ Racquet Ball Court
(x) Business Office for Residents	(x) Fitness Center	( ) Other; please specify:
( ) Jaccuzi/ Sauna	() Grilling Area	
Utilities and Services Included in Ren	t: Check where appropriate	
(v) Water & Sewer	( ) Heat (Gas/ Flec)	( ) All I Itilities: includes electricity

(x) Clubhouse/ community room

(x) Trash Pickup	() Hot Water (Gas/ Elec)	() No Utilities
( ) Security	( ) Cooking (Gas/ Elec)	( ) Other; please specify:
·		

#### Tenant Retention (Annual)

Renewal Rate as \$/% of Market Growth: Typical Annual Market Growth Rate: Marketing Period



() Laundry Facility

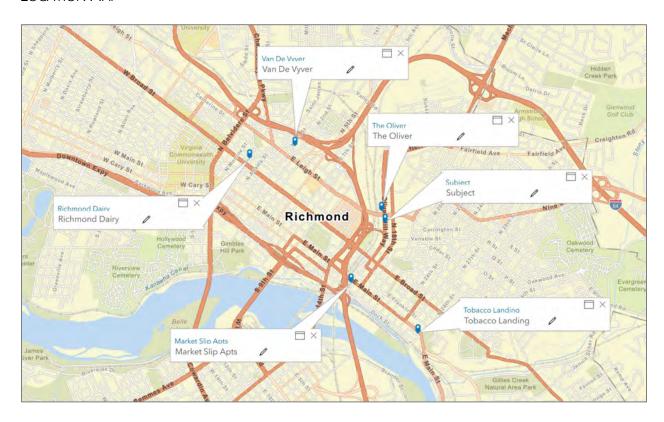
Newer Property Only Pre-Leasing Began: Construction Complete: Stabilization: Months: Units: Absorption Rate:





# COMMENTS: None.

#### LOCATION MAP



The above map provides an illustration of the concentration of communities in various portions of the subject's PMA.

#### **CONFORMITY**

A part of determining the subjects competitive set was surveying properties in the subject's PMA to determine the subject conformity with the competitive set. This also gives insight into the subject's competitive advantages and disadvantages. Because the subject is considered to be a LIHTC property, we limited our phone survey to other similar class assets. There was no need to survey market rate, elderly or subsidized properties as the subject is not expected to directly compete with these asset classes. The analysis is as follows;

Unit Profile			Kitchen			Central		Flooring	
	Range	Ref.	Micro.	Dish.	Disp.	HVAC	Carpet	Vinyl	Other
Subject	X	X		×	×	X	X	×	×
			L	.IHTC					
Market Slip	X	X				X		X	
The Oliver	X	X		X		X	X		
Richmond Dairy	X	X		X	X	X	X	X	X
Tobacco Landing	X	X	X	X	X	X	X	X	
Van De Vyer	Х	X				X	Х	Х	
	5	5	4	3	2	5	4	4	I
Compliance Ratio	100%	100%	80%	60%	40%	100%	80%	80%	20%
Overall Compliance Ratio		73%							

The subject's overall compliance ratio with the competitive set is 73%.

Unit Profile				Hook		High
	Shades	Bal/ Pat.	W/D	ups	Upgrades	Ceilings
Subject	X			X	×	
		LIHTC				
Market Slip	X			X		
The Oliver	X		X	X	×	
Richmond Dairy	X		X			Х
Tobacco Landing	X					
Van De Vyer	Х	Х	X		X	
	5	4	2	2	2	4
Compliance Ratio	100%	80%	40%	40%	40%	80%
Overall Compliance Ratio		63%				

The subject's overall compliance ratio with the competitive set is 63%..

Site Profile			Play			Site	
	Pool	C.H.	Gds.	Fitness	Laundry	Parking	Office
Subject		x		x	X	X	X
		l	LIHTC				
Market Slip					Х	X	X
The Oliver		X		X		X	X
Richmond Dairy		X		X	X	X	X
Tobacco Landing					X	X	X
Van De Vyer		Х		Х	Х	Х	Х
	5	3	5	3	I	5	5
Compliance Ratio	42%	25%	42%	25%	8%	42%	42%
Overall Compliance Ratio		77%					

The subject's overall compliance ratio with the competitive set is 77%..

<b>Utility Structure</b> Subject	Water	Sewer x	Trash x	Heat	Hot Water	Cook	Elec.	Other
Market Slip			×					
The Oliver			Х					
Richmond Dairy	X	X	Х					
Tobacco Landing	X	Х	x					
Van De Vyer	X	X	X					
	2	3	5	5	5	5	5	5
Compliance Ratio	40%	60%	100%	100%	100%	100%	100%	100%
Overall Compliance Ratio		889	%					

The subject's overall compliance ratio of 88%.

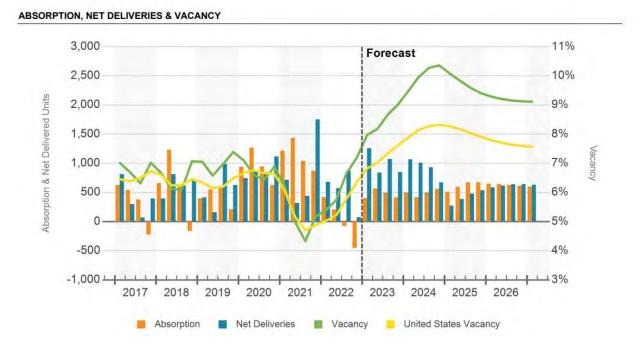
Unix Mix	Units	Studio	I BR	2 BR	3 BR	Other
Subject	80	0%	18%	64%	19%	0%
		LIHTC				
Market Slip	30	0%	80%	20%	0%	0%
The Oliver	163	0%	89%	11%	0%	0%
Richmond Dairy	113	14%	61%	25%	0%	0%
Tobacco Landing	62	0%	85%	15%	0%	0%
Van De Vyer	82	71%	21%	9%	0%	0%
	Proj	ect Based Su	ıbsidized			
Oliver Crossing	222	0%	14%	61%	25%	0%
Richmond Family Housing I	122	0%	0%	100%	0%	0%
Overall Ratio		9%	43%	41%	7%	0%

The subject's unit mix is similar to the encumbered properties in the PMA, which average around 43% 1BR units, 41% 2BR units and 7% 3BR units. The subject's unit mix is 18% 1BR units, 64% 2BR units and 19% 3BR units. The subject's overall compliance ratio is adequate and therefore, we can conclude that the subject follows other similar class assets within the subjects PMA.

#### Area Vacancy Rates

The subject's PMA was previously defined. Based upon our survey of competitive properties, vacancy levels were around 0%, not counting frictional vacancy from turnover, which is considered low indicating a strong demand for affordable housing. No one property appears to be under or over representative in our survey.

The overall vacancy rate in the subject's PMA has remained relatively stable at around 5-7% stabilized vacancy. There is a shortage of multifamily housing, especially encumbered multifamily housing, in the northern City of Richmond PMA.



The vacancy rate by unit type has demonstrated a similar pattern of stability over the same time span.

 Discussion of any significant impact of the subject development on the existing rental housing stock.

The subject is proposed and upon completion of the renovation, the subject is anticipated to be consistent with the existing inventory as previously defined. Therefore, the subject is not expected to have a significant impact on the existing rental housing stock.

- Identification of waiting lists we are not aware of any waiting lists for any of the subject's
  anticipated competitive inventory. Waiting lists are commonly found among subsidized
  properties, in which case, subsidized properties are not considered competitive with our
  subject and therefore, any waiting lists derived at from a subsidized property would be
  excluded from our analysis.
- Availability of Affordable Housing Options

While there is inventory of LIHTC, public and subsidized housing in the subject's PMA, there is an ever-growing demand for affordable housing.

Discussion of future changes in housing stock

Based upon conversations with city/ county officials and investor surveys, an annual allowance of **10-20** competitive new dwelling units is estimated within the subject's PMA over the mid-range forecast. However, more recently, signs of the lending market relaxing, increased occupancy rates and increasing rents again is expected stir new development in the years to come.

Tax Credit and other planned or under construction rental communities in market area.

Only those communities that are considered competitive with the subject are considered germane to our analysis. As previously stated, we have made an annual 100-unit annual allowance over the mid-range forecast. This is the annualized estimate of new LIHTC units in the subject's PMA which are estimated to occur within the next five years, which may compete with the subject.

# I. FUNDAMENTAL MARKET ANALYSIS (FMA) & CONCLUSIONS

# MARKET EQUILIBRIUM

In order to determine the equilibrium status of a particular market, total competitive supply is subtracted from total demand. A negative balance in which supply exceeds demand indicates that there is excess supply. Conversely, a positive balance in which demand exceeds supply indicates excess demand. In this case, qualified demand exceeds competitive supply indicating excess demand.

#### RESIDUAL DEMAND CONCEPTS

The findings of the demand analysis and competitive supply analysis are considered and analyzed; if demand exceeds supply, then a positive residual demand exists whereas if supply exceeds demand, then the residual demand is negative. In instances where demand exceeds supply, then upward rental trends occur until new inventory is realized. Once the residual demand is offset by additional inventory, rental rates may decline, or rental concessions may become more prevalent. The increased supply brings the market back towards equilibrium. The residual demand in the subject's PMA is positive for each year in mid-range forecast.

#### OBSERVATIONS ON EQUILIBRIUM ANALYSIS

In order to determine the equilibrium status of a particular market, total competitive supply is subtracted from total demand. A negative balance in which supply exceeds demand indicates that there is excess supply. Conversely, a positive balance in which demand exceeds supply indicates excess demand. In this case, qualified demand exceeds competitive supply indicating excess demand. Our base year analysis indicates an excess demand at all levels.

#### CAPTURE / PENETRATION RATES

Fundamental methods were used to estimate the subjects capture and penetration rates, which was then applied to the forecast of the real estate demand for space in the market. The subjects capture rate can be analyzed in a number of ways. We have determined that the most accurate way is to simply divide the marginal demand estimate by the total number of units that would need to be absorbed into the subject properties PMA.

A summary of the table calculating the overall capture rate is contained on the following pages.

TABLE 2 Calculation of Housing Demand Schedule @ 30% of AMI Income; ALL AS LIHTC					
Calculation o	f Housing Demand Scheo	dule @ 30% of AMI Income;	ALL AS L	HIC	
Total Current Population (2023)				36,621	
Average Family Household Size				1.88	
Current Household Demand Estim	ate (2028)			19,479	
Renter Ratio				77%	
Total Demand				15,033	
Affordability Index				8%	
Total Potential Demand in Subject'	s Economic Segment			1,276	
Existing Competitve Supply	Ö			0	
Current Residual Demand				1,276	
Residual Demand from Existing Inv	entory			1,276	
Projected Households (2028)				20,686	
Projected Change in Households				1,207	
Renter Ratio				77%	
Projected Change in Renter House	eholds			932	
Affordability Index				8%	
Demand from Income Qualified M	ultifamily Growth			79	
Vacancy Allowance		5%			
Adjusted Demand				83	
Less: New Competitive Rental Ho	using (U/C or Planned)			500	
Residual Multifamily Demand	,			(417)	
Adjusted Residual Demand from G	irowth			(417)	
Demand from Existing Househol	ds				
Current Number of Renter House				15,033	
Turnover Demand from Cost Buro	len & Substandard HH		43%	6,499	
Movership Demand			0.0%	0	
Marginal Demand from all Turnove	er			6,499	
Affordability Index				50%	
Adjusted Demand				3,250	
Tenant Retention				0	
Net Demand-New & Existing Inc	come Qualified Renter Ho	useholds		4,109	
# of Units (Subject)				20	
Times: % drawn from PMA				90%	
Adjusted Number of Units to be ca				18	
Times: Ratio of stabilized occupance				95%	
Adjusted Number of Units to be ca	iptured in PMA			17	
Rate Analysis					
Penetration Rate	Units	Competitive Units			
	15,029	517		3.44%	
Capture Rate	Subject Units	Units in Demand		0.4004	
	17	4,109		0.42%	

T. ID. AULD A COMMITTE				15.022
Total Renter HH Demand @ 30%; LIHTC				15,033
		IBR	2BR	3BR
Tenure by BR		42.70%	40.93%	7%
Adjusted Demand by BR		6,418	6,153	1,060
Affordability Index		4%	3%	8%
Total Potential Demand in Subject's Economic Segment		505	450	1,038
Existing Competitve Supply		0	0	0
Current Residual Demand		505	<del>4</del> 50	1,038
Projected Change in Renter Households		398	381	66
Affordability Index		4%	3%	8%
Demand from Income Qualified Multifamily Growth		14.73	12.59	5.00
Vacancy Allowance	5%	Ś		
Adjusted Demand		15.50	13.26	5.27
Less: New Competitive Rental Housing (U/C or Planned)		213	205	35
Residual Demand from Growth		(198)	(191)	(30)
Turnover Demand from Cost Burden & SS Housing	43%	5 2,776	2,661	458
Affordability Index	50%			
Adjusted Demand		1,388	1,330	229
Net Demand - New & Existing Income Qualified Renter Households		1,695	1,589	1,237
Subject Units		9	5	6
Times: % drawn from PMA	90%			
Times: Ratio of stabilized occupancy	95%			_
Adjusted Subject Units		8	4	5
Capture Rate		0.45%	0.27%	0.41%

TABLE 2 Calculation of Housing Demand Schedule @ 30% of AMI Income; PBV					
				24.421	
Total Current Population (2023)				36,621	
Average Family Household Size	(2.2.2.2.)			1.88	
Current Household Demand Estimate (	(2028)			19,479	
Renter Ratio				77%	
Total Demand				15,033	
Affordability Index				7%	
Total Potential Demand in Subject's Eco	onomic Segment			1,053	
Existing Competitve Supply				344	
Current Residual Demand				709	
Residual Demand from Existing Invento	pry			709	
Projected Households (2028)				20,686	
Projected Change in Households				1,207	
Renter Ratio				77%	
Projected Change in Renter Household	de			932	
Affordability Index	us			7%	
Demand from Income Qualified Multifa	mily Growth			65	
Vacancy Allowance	IIIIIy Growur	5%		05	
Adjusted Demand		3/0		69	
Adjusted Demand				67	
Less: New Competitive Rental Housing	(U/C or Planned)			500	
Residual Multifamily Demand	5 (0/ 0 0			(431)	
				(.5.)	
Adjusted Residual Demand from Grow	rth			(431)	
Demand from Existing Households					
Current Number of Renter Households	S			15,033	
Current tumber of the second	3			13,035	
Turnover Demand from Cost Burden 8	& Substandard HH		43%	6,499	
Movership Demand			0.0%	0	
Marginal Demand from all Turnover				6,499	
				•, • • •	
Affordability Index				50%	
Adjusted Demand				3,250	
Tenant Retention				0	
Net Demand-New & Existing Income	e Qualified Renter Housel	nolds		3,527	
# -fl laita (Subject)				20	
# of Units (Subject) Times: % drawn from PMA				90%	
Times: % drawn irom FriA				70%	
Adjusted Number of Units to be captur	red in PMA			18	
Times: Ratio of stabilized occupancy				95%	
Adjusted Number of Units to be captur	red in PMA			17	
Rate Analysis					
Rate Analysis  Penetration Rate	Units	Competitive Units			
r eneu auorritate	15,029	861		5.73%	
Capture Rate	Subject Units	Units in Demand		3.7370	
Captare race	17	3,527		0.48%	

Total Renter HH Demand @ 30%; PBV				15,033
		IBR	2BR	3BR
Tenure by BR		9.01%	74.71%	16.28%
Adjusted Demand by BR		1,355	11,231	2,447
Affordability Index		4%	3%	1%
Total Potential Demand in Subject's Economic Segment		557	496	223
Existing Competitve Supply		31	257	56
Current Residual Demand		526	239	167
Projected Change in Renter Households		84	696	152
Affordability Index		4%	3%	1%
Demand from Income Qualified Multifamily Growth		3.11	22.98	2.25
Vacancy Allowance	5%	, )		
Adjusted Demand		3.27	24.19	2.36
Less: New Competitive Rental Housing (U/C or Planned)		45	374	81
Residual Demand from Growth		(42)	(349)	(79)
Turnover Demand from Cost Burden & SS Housing	43%	5 586	4,857	1,058
Affordability Index	50%			
Adjusted Demand		293	2,428	529
Net Demand - New & Existing Income Qualified Renter Households		777	2,318	617
Subject Units		9	5	6
Times: % drawn from PMA	90%			
Times: Ratio of stabilized occupancy	95%			
Adjusted Subject Units		8	4	5
Capture Rate		0.99%	0.18%	0.83%

Total Current Population (2023) Average Family Household Size Current Household Demand Estimate (2028)  Renter Ratio Total Demand Fortal Demand Fortal Demand In Subject's Economic Segment Existing Competitive Supply Current Residual Demand in Subject's Economic Segment Existing Competitive Supply Current Residual Demand from Existing Inventory  Residual Demand from Existing Inventory  I,519  Residual Demand from Louseholds  I,207  Renter Ratio  77%  Projected Change in Renter Households  I,207  Renter Ratio  77%  Projected Change in Renter Households  I,207  Renter Ratio  96  Vacancy Allowance  5%  Adjusted Demand  101  Less: New Competitive Rental Housing (U/C or Planned)  Residual Multifamily Demand  (399)  Adjusted Residual Demand from Growth  (399)  Demand from Existing Households  Current Number of Renter Households  15,033  Turnover Demand from Cost Burden & Substandard HH  43%  Adjusted Demand  3,250  Temant Retention  Net Demand-New & Existing Income Qualified Renter Households  4,370  H of Units (Subject)  Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA  II 4  III 50%  III			TABLE 2		<b>-</b>
Average Family Household Size Current Household Demand Estimate (2028)  Renter Ratio Total Demand Affordability Index Total Demand in Subject's Economic Segment Existing Competitive Supply Listing Competitive Supply Current Residual Demand from Existing Inventory  Projected Households (2028) Projected Households (2028) Projected Change in Households Projected Change in Households Renter Ratio Projected Change in Renter Households Residual Demand from Existing Inventory  Projected Change in Renter Households Residual Demand from Existing Inventory  Projected Change in Households Residual Demand from Gulified Multifamily Growth Renter Ratio Residual Demand from Gulified Multifamily Growth Residual Demand from Gulified Multifamily Growth Residual Multifamily Demand Residual Multifamily Demand Residual Multifamily Demand Residual Multifamily Demand Residual Demand from Growth Residual Demand from Growth Residual Demand from Cost Burden & Substandard HH Residual Demand from Bull Turnover Residual Demand from Bull Turnover Residual Demand from Bull Turnover Residual Demand from Cost Burden & Substandard HH Residual Demand from Cost Burden & Substandard HH Residual Demand from Cost Burden & Substandard HH Residual Demand from Bull Turnover Residual Dema	Calculation	of Housing Demand Sch	nedule @ 50% of AMI Income	e; ALL LIH	IC
Renter Ratio 77% Total Demand 150,033 Affordability Index 150,033 Affordability Index 150,033 Affordability Index 150,034 Affordability Index 150,035 Affordability Index 150,035 Affordability Index 15,545 Existing Competitive Supply 26 Current Residual Demand in Subject's Economic Segment 1,519  Residual Demand from Existing Inventory 11,519  Residual Demand from Existing Inventory 1,519  Residual Demand from Existing Inventory 1,520  Renter Ratio 7,7% Projected Change in Households 1,207 Renter Ratio 932 Affordability Index 932 Affordability Index 932 Adjusted Demand from Income Qualified Multifamily Growth 96  Vacancy Allowance 5% Adjusted Demand 101  Less: New Competitive Rental Housing (U/C or Planned) 500 Residual Multifamily Demand 3,399)  Adjusted Residual Demand from Growth (399)  Demand from Existing Households 15,033  Turnover Demand from Cost Burden & Substandard HH 43% 6,499 Movership Demand 90,0% 0 Marginal Demand from all Turnover 6,499  Affordability Index Adjusted Demand 1 Turnover 90%  Affordability Index Adjusted Demand New & Existing Income Qualified Renter Households 4,370  # of Units (Subject) 116 Times: Ratio of stabilized occupancy 95%					36,621
Renter Ratio 77% Total Demand 15,033 Affordability Index 10% Total Demand in Subject's Economic Segment 1,545 Existing Competitive Supply 26 Current Residual Demand 1,519  Residual Demand from Existing Inventory 1,519  Projected Households (2028) 20,686 Projected Change in Households 1,207 Renter Ratio 77% Projected Change in Renter Households 932 Affordability Index 10% Demand from Income Qualified Multifamily Growth 96 Vacancy Allowance 5% Adjusted Demand 101  Less: New Competitive Rental Housing (U/C or Planned) 399)  Adjusted Residual Demand from Growth 399)  Demand from Existing Households 15,033  Turnover Demand from Cost Burden & Substandard HH 43% 6,499 Movership Demand 00% 0 Marginal Demand from all Turnover 6,499  Affordability Index 50% Adjusted Demand Turnover 9,325  Affordability Index 50% Adjusted Demand From Substandard HH 43% 6,499 Movership Demand 50% Adjusted Demand Turnover 5,499  Affordability Index 50% Adjusted Demand From Burden & Substandard HH 43% 6,499 Movership Demand 50% Adjusted Demand Turnover 50%  Adjusted Demand From Burden & Substandard HH 50% Affordability Index 50% Adjusted Demand From Burden & Substandard HH 50% Affordability Index 50% Adjusted Demand From Burden & Substandard HH 50% Affordability Index 50% Adjusted Demand From Burden & Substandard HH 50% Affordability Index 50% Adjusted Demand From Burden & Substandard HH 50% Affordability Index 6,499  Affordability		(2020)			
Total Demand Affordability Index 10% Total Potential Demand in Subject's Economic Segment 1,545 Existing Competitive Supply 26 Current Residual Demand 1,519  Residual Demand from Existing Inventory 1,519  Projected Households (2028) Projected Change in Households 1,207 Renter Ratio 77% Projected Change in Renter Households 322 Affordability Index 40 Justed Demand from Lorone Qualified Multifamily Growth 40 Zearncy Allowance 5% Adjusted Demand 101  Less: New Competitive Rental Housing (U/C or Planned) Residual Multifamily Demand 399)  Adjusted Residual Demand from Growth 500 Residual Multifamily Demand 700  Demand from Existing Households 15,033  Turnover Demand from Cost Burden & Substandard HH 43% 6,499 Movership Demand 0,0% 0 Marginal Demand from all Turnover 4,499  Affordability Index Adjusted Demand 700 Net Demand From all Turnover Qualified Renter Households 1,3250 Tenant Retention 0 Net Demand-New & Existing Income Qualified Renter Households 4,370  # of Units (Subject) Times: % drawn from PMA 14 Times: Ratio of stabilized occupancy 95%	Current Household Demand Estima	ate (2028)			19,479
Affordability Index Total Potential Demand in Subject's Economic Segment Existing Competitive Supply Current Residual Demand I,519  Residual Demand from Existing Inventory I,519  Projected Households (2028) Projected Change in Households I,207 Renter Ratio Projected Change in Renter Households I,207 Renter Ratio Residual Multifamily Demand I,207 Renter Ratio Residual Demand from Growth I,207 Renter Reterion Residual Demand from all Turnover I,508 Residual Demand From all Turnover I,519 Residual Demand From all Turnover I,508 Residual Demand From all Turnover I,508 Residual Demand From all Turnover I,509 Residual Demand From all Turnover I,509 Residual Demand From all Turnover I,519 Residual Demand From All Turnover I,519 Residual Residual Demand From All Turnover I,519 Residual Demand From Residual Renter Households I,207 Renter Residual Demand From Residual Renter Households I,207 Renter Residual Demand From Residual Renter Residual Renter Residual Renter Residual Renter Renter Residual Renter Renter Renter Renter Renter Renter Renter Renter Renter Ren	Renter Ratio				77%
Total Potential Demand in Subject's Economic Segment Existing Competitive Supply 26 Current Residual Demand from Existing Inventory  Residual Demand from Existing Inventory  I,519  Projected Households (2028) Projected Change in Households Projected Change in Renter Households Pemand from Income Qualified Multifamily Growth Projected Change Qualified Multifamily Growth Projected Change in Renter Households Pemand from Income Qualified Multifamily Growth Projected Change in Renter Households Projected Change in Renter Households Pemand Income Qualified Multifamily Growth Projected Change in Renter Housing (U/C or Planned) Pemand Income Qualified Multifamily Growth Projected Change in Renter Households Projected Change in Renter Households Projected Change in Renter Households Projected Change in Hou					
Existing Competitive Supply Current Residual Demand  I,519  Residual Demand from Existing Inventory  I,519  Projected Households (2028) Projected Change in Households I,207 Renter Ratio 77% Projected Change in Renter Households 1,207 Renter Ratio 97% Projected Change in Renter Households 10% Demand from Income Qualified Multifamily Growth Vacancy Allowance 5% Adjusted Demand 101  Less: New Competitive Rental Housing (U/C or Planned) Residual Multifamily Demand (399)  Demand from Existing Households Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH 43% 6,499 Movership Demand Narginal Demand from all Turnover  Affordability Index Adjusted Demand 100  Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy 95%	•	F : C .			
Residual Demand from Existing Inventory  Projected Households (2028) Projected Change in Households Projected Change in Renter Households Permand from Income Qualified Multifamily Growth Permand from Income Qualified Multifamily Growth Permand from Competitive Rental Housing (U/C or Planned) Permand from Existing Households Permand from Existing Households Permand from Existing Households Permand from Cost Burden & Substandard HH Prover Demand from Cost Burden & Substandard HH Prover Demand from All Turnover Permand from Permand from All Turnover Permand from Permand from Permand from Permand from Permand	•	Economic Segment			
Projected Households (2028) Projected Change in Households Projected Change in Households Projected Change in Renter Households Projected Change in Households Projected Change i					
Projected Households (2028) Projected Change in Households Projected Change in Households Projected Change in Renter Households Projected Change in Renter Households Projected Change in Renter Households Affordability Index Projected Change in Renter Households Projected Change in Renter Households Projected Change in Renter Households Pemand from Income Qualified Multifamily Growth Projected Change in Renter Households Projected Change in Households Projected Change					
Projected Change in Households Renter Ratio Projected Change in Renter Households Renter Ratio Projected Change in Renter Households Affordability Index Demand from Income Qualified Multifamily Growth Vacancy Allowance Adjusted Demand Interest New Competitive Rental Housing (U/C or Planned) Residual Multifamily Demand (399)  Adjusted Residual Demand from Growth (399)  Demand from Existing Households Current Number of Renter Households Isona Turnover Demand from Cost Burden & Substandard HH Affordability Index Adjusted Demand Agjusted Demand Agjusted Demand Agjusted Demand From PMA Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy 95%	Residual Demand from Existing Inve	entory			1,519
Renter Ratio 77% Projected Change in Renter Households 932 Affordability Index 96 Vacancy Allowance 5% Adjusted Demand from Income Qualified Multifamily Growth 96 Less: New Competitive Rental Housing (U/C or Planned) 500 Residual Multifamily Demand (399)  Adjusted Residual Demand from Growth (399)  Demand from Existing Households Current Number of Renter Households 15,033  Turnover Demand from Cost Burden & Substandard HH 43% 6,499 Movership Demand from all Turnover 6,499  Affordability Index 50% Adjusted Demand 700 Adjusted Demand 700 Net Demand New & Existing Income Qualified Renter Households 4,370  # of Units (Subject) 16 Times: % drawn from PMA 90%  Adjusted Number of Units to be captured in PMA 14 Times: Ratio of stabilized occupancy 95%	Projected Households (2028)				20,686
Projected Change in Renter Households 10% Demand from Income Qualified Multifamily Growth 96 Vacancy Allowance 5% Adjusted Demand 101 Less: New Competitive Rental Housing (U/C or Planned) 500 Residual Multifamily Demand (399)  Adjusted Residual Demand from Growth (399)  Demand from Existing Households Current Number of Renter Households 15,033  Turnover Demand from Cost Burden & Substandard HH 43% 6,499 Movership Demand Marginal Demand from all Turnover 6,499  Affordability Index 50% Adjusted Demand Tom all Turnover 6,499  Affordability Index 50% Adjusted Demand New & Existing Income Qualified Renter Households 16  ## of Units (Subject) 16 Times: % drawn from PMA 14 Times: Ratio of stabilized occupancy 95%	Projected Change in Households				1,207
Affordability Index Demand from Income Qualified Multifamily Growth Vacancy Allowance Adjusted Demand Less: New Competitive Rental Housing (U/C or Planned) Residual Multifamily Demand  Adjusted Residual Demand from Growth  Demand from Existing Households Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH Ady 6,499 Movership Demand Marginal Demand from all Turnover  Affordability Index Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  100% P500 P600 P600 P600 P600 P600 P600 P600					
Demand from Income Qualified Multifamily Growth Vacancy Allowance Adjusted Demand  Less: New Competitive Rental Housing (U/C or Planned) Residual Multifamily Demand  (399)  Adjusted Residual Demand from Growth  (399)  Demand from Existing Households Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH  43% 6,499 Movership Demand 70,0% 0 Marginal Demand from all Turnover 6,499  Affordability Index Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  101  101  500 6,499  6,499  6,499  6,499  6,499  6,499  16  16  17  18  19  19  19  19  101  101  101  101	•	holds			
Vacancy Allowance Adjusted Demand  Less: New Competitive Rental Housing (U/C or Planned) Residual Multifamily Demand  Adjusted Residual Demand from Growth  Current Number of Renter Households Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH A3% 6,499 Movership Demand Novership Demand Affordability Index Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  500  850  870  870  870  870  870  870	•	ultifamily Growth			
Less: New Competitive Rental Housing (U/C or Planned) Residual Multifamily Demand  Adjusted Residual Demand from Growth  Current Number of Renter Households Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH Movership Demand		and an injury Growth	5%		70
Residual Multifamily Demand  (399)  Adjusted Residual Demand from Growth  (399)  Demand from Existing Households Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH Movership Demand Marginal Demand from all Turnover  Affordability Index Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  (399)  (399)  (399)  (399)  (399)  (399)  (399)  (499)  (500) (500) (60) (649) (60) (60) (60) (60) (60) (60) (60) (60					101
Residual Multifamily Demand  (399)  Adjusted Residual Demand from Growth  (399)  Demand from Existing Households Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH Movership Demand Marginal Demand from all Turnover  Affordability Index Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  (399)  (399)  (399)  (399)  (399)  (399)  (399)  (499)  (500) (500) (60) (649) (60) (60) (60) (60) (60) (60) (60) (60	Less: New Competitive Rental Hou	using (U/C or Planned)			500
Demand from Existing Households Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH  A3% 6,499 Movership Demand 0.0% 0 Marginal Demand from all Turnover  Affordability Index Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  15,033  15,033  6,499  6,499  6,499  6,499  6,499  100  100  100  100  100  100  100		(			
Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH  Movership Demand  Marginal Demand from all Turnover  Affordability Index  Adjusted Demand  Tenant Retention  Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  15,033  43% 6,499 0.0% 6,499 6,499  50% 6,499  6,499  16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	Adjusted Residual Demand from G	rowth			(399)
Current Number of Renter Households  Turnover Demand from Cost Burden & Substandard HH  Movership Demand  Marginal Demand from all Turnover  Affordability Index  Adjusted Demand  Tenant Retention  Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  15,033  43% 6,499 0.0% 6,499 6,499  50% 6,499  6,499  16 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	Demand from Existing Household	ds			
Movership Demand Marginal Demand from all Turnover  Affordability Index Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  0.0%  50%  4,370  16  90%					15,033
Movership Demand Marginal Demand from all Turnover  Affordability Index Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  0.0% 50% 4,370  16 90%	Turnover Demand from Cost Burde	en & Substandard HH		43%	6 499
Marginal Demand from all Turnover  Affordability Index Adjusted Demand 3,250 Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  6,499  50%  16  16  17  18  19  19  19  19  19  19  19  19  19		error Substantial a Fili			
Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  3,250 0 16 16 71 17 18 19 19 19 19 19 19 19 19 19 19 19 19 19	•	r			6,499
Adjusted Demand Tenant Retention Net Demand-New & Existing Income Qualified Renter Households  # of Units (Subject) Times: % drawn from PMA  Adjusted Number of Units to be captured in PMA Times: Ratio of stabilized occupancy  3,250  0  16  17  18  19  19  19  19  19  19  19  19  19	Affordability Index				50%
Tenant Retention 0 Net Demand-New & Existing Income Qualified Renter Households 4,370  # of Units (Subject) 16 Times: % drawn from PMA 90%  Adjusted Number of Units to be captured in PMA 14 Times: Ratio of stabilized occupancy 95%	,				
# of Units (Subject) 16 Times: % drawn from PMA 90%  Adjusted Number of Units to be captured in PMA 14 Times: Ratio of stabilized occupancy 95%					0
Times: % drawn from PMA 90%  Adjusted Number of Units to be captured in PMA 14  Times: Ratio of stabilized occupancy 95%	Net Demand-New & Existing Inco	ome Qualified Renter He	ouseholds		4,370
Times: % drawn from PMA 90%  Adjusted Number of Units to be captured in PMA 14  Times: Ratio of stabilized occupancy 95%	# of Units (Subject)				16
Times: Ratio of stabilized occupancy 95%	* * *				90%
Times: Ratio of stabilized occupancy 95%	Adjusted Number of Units to be car	ptured in PMA			14
Adjusted Number of Units to be captured in PMA					
	Adjusted Number of Units to be ca	ptured in PMA			14
Rate Analysis	Rate Analysis				
Penetration Rate Units Competitive Units					
I 5,029 540 3.59%  Capture Rate Subject Units Units in Demand	Capture Rate				3.59%

4,370

0.31%

Total Renter HH Demand @ 50%; LIHTC			15,033
	IBR	2BR	
Tenure by BR	42.70%	40.93%	1
Adjusted Demand by BR	6,418	6,153	
Affordability Index	5%	6%	
Total Potential Demand in Subject's Economic Segment	585	707	
Existing Competitve Supply	11	11	
Current Residual Demand	57 <del>4</del>	696	
Projected Change in Renter Households	398	381	
Affordability Index	5%	6%	
Demand from Income Qualified Multifamily Growth	18.52	21.44	
Vacancy Allowance	5%		
Adjusted Demand	19.49	22.57	
Less: New Competitive Rental Housing (U/C or Planned)	213	205	
Residual Demand from Growth	(194)	(182)	
Turnover Demand from Cost Burden & SS Housing	43% 2,776	2,661	
Affordability Index	50%		
Adjusted Demand	1,388	1,330	
Net Demand - New & Existing Income Qualified Renter Households	1,768	1,845	
Subject Units	2	14	
Times: % drawn from PMA	90%		
Times: Ratio of stabilized occupancy	95%		
Adjusted Subject Units	2	12	
Capture Rate	0.10%	0.65%	

Calculation		TABLE 2 nedule @ 60% of AMI Income	e; ALL LIH	TC
Total Current Population (2023)				36,621
Average Family Household Size Current Household Demand Estim	ate (2028)			1.88 19,479
Renter Ratio				77%
Total Demand				15,033
Affordability Index				12%
Total Potential Demand in Subject's	s Economic Segment			1,735
Existing Competitive Supply				423
Current Residual Demand				1,312
Residual Demand from Existing Inv	entory			1,312
Projected Households (2028)				20,686
Projected Change in Households				1,207
Renter Ratio				77%
Projected Change in Renter House	eholds			932
Affordability Index				12%
Demand from Income Qualified Mo	ultifamily Growth	F0/		108
Vacancy Allowance Adjusted Demand		5%		113
Less: New Competitive Rental Hou	using (U/C or Planned)			500
Residual Multifamily Demand	(=, = =,)			(387)
Adjusted Residual Demand from G	rowth			(387)
Demand from Existing Househol	ds			
Current Number of Renter Housel				15,033
Turnover Demand from Cost Burd	en & Substandard HH		43%	6,499
Movership Demand			0.0%	0
Marginal Demand from all Turnove	r			6,499
Affordability Index				50%
Adjusted Demand				3,250
Tenant Retention				0
Net Demand-New & Existing Inc	ome Qualified Renter Ho	ouseholds		4,175
# of Units (Subject)				10
Times: % drawn from PMA				90%
				_
Adjusted Number of Units to be ca				9
Times: Ratio of stabilized occupance Adjusted Number of Units to be ca				95% 9
Adjusted Number of Offics to be ca	ptured in FMA			7
Rate Analysis	11.5			
Penetration Rate	Units 15,029	Competitive Units 932		6.20%
Capture Rate	Subject Units	Units in Demand		0.20/0
	0	4 175		0.20%

4,175

0.20%

Total Renter HH Demand @ 60%; LIHTC			15,033
	2BR	3BR	1
Tenure by BR	40.93	3% 7.05%	'
Adjusted Demand by BR	6,153	B 1,060	
Affordability Index	5%	6%	
Total Potential Demand in Subject's Economic Segment	390	442	
Existing Competitve Supply	173	30	
Current Residual Demand	217	413	
Projected Change in Renter Households	381	66	
Affordability Index	5%	6%	
Demand from Income Qualified Multifamily Growth	20.62	4.03	
Vacancy Allowance	5%		
Adjusted Demand	21.7	4.24	
Less: New Competitive Rental Housing (U/C or Planned)	205	35	
Residual Demand from Growth	(183	) (31)	
Turnover Demand from Cost Burden & SS Housing	43% 2,66	l 458	
Affordability Index	50%		
Adjusted Demand	1,33	0 229	
Net Demand - New & Existing Income Qualified Renter Households	1,365	611	
Subject Units	8	2	
Times: % drawn from PMA	90%		
Times: Ratio of stabilized occupancy	95%		
Adjusted Subject Units	7	2	
Capture Rate	0.509	% 0.28%	

		TABLE 2	A11.111.	T-0
Calculation	of Housing Demand Sci	nedule @ 80% of AMI Income	e; ALL LIH	IC
Total Current Population (2023)				36,621
Average Family Household Size	(0.000)			1.88
Current Household Demand Estima	ate (2028)			19,479
Renter Ratio				77%
Total Demand				15,033
Affordability Index				29%
Total Potential Demand in Subject's	Economic Segment			4,336
Existing Competitve Supply Current Residual Demand				0 4,336
Current Nesidual Demand				т,330
Residual Demand from Existing Inve	entory			4,336
Projected Households (2028)				20,686
Projected Change in Households				1,207
Renter Ratio				77%
Projected Change in Renter House	holds			932
Affordability Index	المناف			29%
Demand from Income Qualified Mu Vacancy Allowance	litifamily Growth	5%		269
Adjusted Demand		376		283
Less: New Competitive Rental Hou	sing (U/C or Planned)			500
Residual Multifamily Demand	og (0, 0 o. 1 .u01)			(217)
Adjusted Residual Demand from G	rowth			(217)
Demand from Existing Household	ds			
Current Number of Renter Househ	olds			15,033
Turnover Demand from Cost Burde	en & Substandard HH		43%	6,499
Movership Demand			0.0%	0
Marginal Demand from all Turnove	•			6,499
Affordability Index				50%
Adjusted Demand				3,250
Tenant Retention				0
Net Demand-New & Existing Inco	ome Qualified Renter H	ouseholds		7,368
# of Units (Subject)				34
Times: % drawn from PMA				90%
Adjusted Number of Units to be ca	otured in PMA			31
Times: Ratio of stabilized occupancy	95%			
Adjusted Number of Units to be ca	otured in PMA			29
Rate Analysis				
Penetration Rate	Units	Competitive Units		
Control	15,029	529		3.52%
Capture Rate	Subject Units	Units in Demand		

7,368

0.39%

Total Renter HH Demand @ 80%; LIHTC				15,033
Total Refiter Fin Definant @ 80%, LIFTC				13,033
		IBR	2BR	3BR
Tenure by BR		42.70%	40.93%	7.05%
Adjusted Demand by BR		6,418	6,153	1,060
Affordability Index		16%	7%	6%
Total Potential Demand in Subject's Economic Segment		2,219	918	795
Existing Competitve Supply		0	0	0
Current Residual Demand		2,219	918	795
Projected Change in Renter Households		398	381	66
Affordability Index		16%	7%	6%
Demand from Income Qualified Multifamily Growth		64.74	25.68	3.83
Vacancy Allowance	5%			
Adjusted Demand		68.15	27.03	4.03
Less: New Competitive Rental Housing (U/C or Planned)		213	205	35
Residual Demand from Growth		(145)	(178)	(31)
Turnover Demand from Cost Burden & SS Housing		2,776	2,661	458
Affordability Index	50%			
Adjusted Demand		1,388	1,330	229
Net Demand - New & Existing Income Qualified Renter Households		3,462	2,071	993
Subject Units		3	20	11
Times: % drawn from PMA	90%			
Times: Ratio of stabilized occupancy	95%			_
Adjusted Subject Units		3	17	9
Capture Rate		0.07%	0.83%	0.95%

TABLE 2					
Calc		nd Schedule  - Blended, ALL L	.IHTC		
Total Current Population (2023)				36,621	
Average Family Household Size				1.88	
Current Household Demand Estim	ate (2028)			19,479	
Renter Ratio				77%	
Total Demand				15,033	
Affordability Index				44%	
Total Potential Demand in Subject'	s Economic Segment			6,631	
Existing Competitve Supply	<b>G</b>			449	
Current Residual Demand				6,182	
Residual Demand from Existing Inv	entory			6,182	
Projected Households (2028)				20,686	
Projected Change in Households				1,207	
Renter Ratio				77%	
Projected Change in Renter House	-holds			932	
Affordability Index	cholds			44%	
Demand from Income Qualified M	ultifamily Growth			411	
Vacancy Allowance	arananni, Groman	5%			
Adjusted Demand				432	
Lossy Now Compatitive Pontal Ho	using (LL/C or Planned)			500	
Less: New Competitive Rental Ho Residual Multifamily Demand	using (O/C or Flammed)			(68)	
Nesidual Fluidianilly Demand				(00)	
Adjusted Residual Demand from G	Frowth			(68)	
Demand from Existing Househol	ds				
Current Number of Renter House				15,033	
Turnover Demand from Cost Burd	lon & Substandard UU		43%	6,499	
Movership Demand	ien & Substandard i ii i		0.0%	0,477	
Marginal Demand from all Turnove	un.		0.076	6, <del>4</del> 99	
r lai giriai Demand irom air rumove	:1			0,477	
Affordability Index				50%	
Adjusted Demand				3,250	
Tenant Retention				0	
Net Demand-New & Existing Inc	come Qualified Renter Ho	useholds		9,364	
# of Units (Subject)				80	
Times: % drawn from PMA				90%	
Times. 70 drawn ii om Trib				7070	
Adjusted Number of Units to be ca	72				
Times: Ratio of stabilized occupant	95%				
Adjusted Number of Units to be ca	aptured in PMA			68	
Rate Analysis					
Penetration Rate	Units	Competitive Units			
	15,029	1,017		6.77%	
Capture Rate	Subject Units	Units in Demand			
	68	9,364		0.73%	

		ABLE 2		
Cal	culation of Housing Der	mand Schedule - Blended,	PBV	
Total Current Population (2023)				36,621
Average Family Household Size				1.88
Current Household Demand Estimate	e (2028)			19,479
Renter Ratio				77%
Total Demand				15,033
Affordability Index				8%
Total Potential Demand in Subject's E	conomic Segment			1,276
Existing Competitive Supply				344
Current Residual Demand				932
Residual Demand from Existing Invent	tory			932
Projected Households (2028)				20,686
Projected Change in Households				1,207
Renter Ratio				77%
Projected Change in Renter Househo	olds			932
Affordability Index				8%
Demand from Income Qualified Multi	family Growth	F0/		79
Vacancy Allowance		5%		00
Adjusted Demand				83
Less: New Competitive Rental Housi	ng (U/C or Planned)			500
Residual Multifamily Demand	,			(417)
<u> </u>				, ,
Adjusted Residual Demand from Gro	wth			(417)
Demand from Existing Households				
Current Number of Renter Household				15,033
				-,
Turnover Demand from Cost Burden	& Substandard HH		43%	6,499
Movership Demand			0.0%	0
Marginal Demand from all Turnover				6,499
Affordability Index				50%
Adjusted Demand				3,250
Tenant Retention				0
Net Demand-New & Existing Incor	ne Qualified Renter Hou	seholds		3,765
# of Units (Subject)				20
Times: % drawn from PMA				90%
Adjusted Number of Units to be capt	ured in PMA			18
Times: Ratio of stabilized occupancy		95%		
Adjusted Number of Units to be capt	ured in PMA			17
Rate Analysis				
Penetration Rate	Units	Competitive Units		
	15,029	861		5.73%
Capture Rate	Subject Units	Units in Demand		
	17	3,765		0.45%

## **EVALUATION OF PROPOSED RENTS**

The subject contains one, two- and three-bedroom dwelling units with rent restrictions at 30, 50 60 and 80%. In order to decide of whether the subject's rent levels are reasonable, we surveyed other similar class LIHTC oriented properties contained in the subject's PMA. The results of our analysis are as follows;

Rents for Similar Class	s Assets						
	Restrictions						
Property		IBR	\$ / PSF	2BR	\$ / PSF	3BR	\$/ PSF
Subject 30%	30%	\$502	\$0.80	\$588	\$0.62	\$661	\$0.56
Subject 50%	50%	\$902	\$1.44	\$1,068	\$1.12		•
Subject 60%	60%	•		\$1,308	\$1.38	\$1,493	\$1.27
Subject 80%	80%	\$1,502	\$2.40	\$1,788	\$1.88	\$2,048	\$1.75
Mauliat Clia	60%	¢1.102	¢1./7	Φ1 200 00	¢1.22		
Market Slip		\$1,102	\$1.67	\$1,308.00	\$1.33		
The Oliver	60%	\$1,102	\$1.93	\$1,308.00	\$1.66		
Richmond Dairy	60%	\$955	\$1.84	\$1,125.00	\$1.48		
Tobacco Landing	60%	\$1,102	\$1.63	\$1,308.00	\$1. <del>4</del> 8		
	50%	\$902	\$1.33				
Van De Vyer	60%	\$1,013	\$1.86	\$1,391.00	\$1.59		
	Min		\$1.33				
	Max		\$1.93				
	Average		\$1.71				

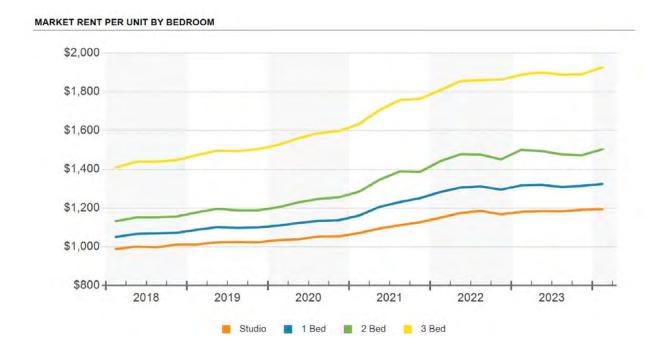
The subject's proposed rents appear to be reasonable based on comparable properties surveyed, and specifically Foundry, which is new construction and will likely be the most competitive with the subject. Therefore, the subject's proposed rents appear reasonable and obtainable.

In order to make a determination of rent advantage, we surveyed other similar class marketoriented properties contained in the subject's PMA. The results of our analysis are as follows;

Rents for Similar	Class Assets						
Property		IBR\$	\$ / PSF	2BR \$	\$ / PSF	3 BR\$	\$/ PSF
Subject	LIHTC @ 80% Rent	\$1,300	\$2.08	\$1,788	\$1.88	\$2,048	\$1.75
Market Rate Apar							
Atrium Lofts at C	Cold Storage	\$1,213	\$1.93	\$1,662	\$1.88		
Vida East		\$1,177	\$2.14	\$1,375	\$1.73		
Terrace at the Ma	asonry	\$1,285	\$2.20	\$1,680	\$1.86	\$2,093	\$2.00
Cedar Broad		\$1,069	\$1.99	\$1,345	\$1.78	\$2,069	\$1.94
	Min	\$1,069	\$1.93	\$1,345	\$1.73	\$2,069	\$1.94
	Max	\$1,285	\$2.20	\$1,680	\$1.88	\$2,093	\$2.00
	Average	\$1,186	\$2.06	\$1,516	\$1.81	\$2,081	\$1.97

The maximum allowable 80% rents should be achievable for the 2 and 3 BR unit sizes, as they are well bracketed on a rent PSF basis. For the 1BR 80% units, a market rent of \$1,300 per month is estimated, which is below the maximum allowable rent for 1-BR 80% units.

Within the subject's PMA, asking rates on a per BR basis have been modestly trending upwards. Asking rents for the two, and three bedrooms are approximately \$1,500 and \$1,900 respectively.

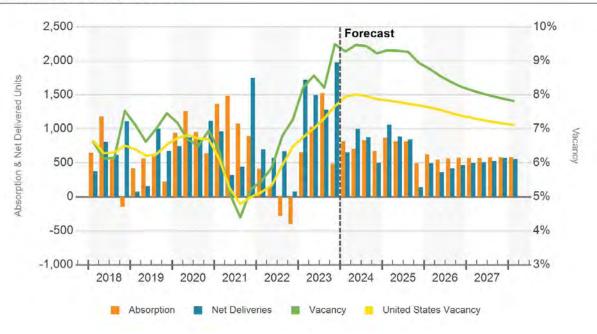


## **ABSORPTION**

In order to estimate the absorption rate for the subject, we surveyed other similar assets in the subject's immediate and extended market area to determine how quickly those assets leased up and achieved stabilization. The analysis is as follows;

To estimate the absorption rate for the subject, we surveyed other similar assets in the subject's PMA to determine how quickly those assets leased up and achieved stabilization. The newer developments being developed in the area are absorbing at around 10-20 dwelling units per month, depending on size. Given the subject's size, we anticipate an average monthly absorption rate of 12 units per month. This will give the subject adequate time to pre-lease all units. The data below indicates that when new units are constructed, they tend to be absorbed relatively quickly. There appears to be a shortage of multifamily, and specifically income and rent restricted multifamily, in the City of Richmond. The subject is proposed and as such, adequate time for preleasing will exist.

## ABSORPTION, NET DELIVERIES & VACANCY



Given the subject's size and more intensive marketing efforts associated with larger projects, we have estimated a monthly absorption rate of 10 dwelling units per month. The subject is proposed construction.

## Conclusions

The subject is well positioned in the market to capture significant tenancy. The housing serves to satisfy the ever-present and growing need for affordable rental housing. The rental rates for the subject are consistent with the rental rates demonstrated in the PMA.

- The residual demand is positive throughout our mid-range forecast period. The residential demand is 9,364 dwelling units, overall (considering the entire project is LIHTC). The residential demand is 3,765 dwelling units (PBV units).
- The analyst anticipates adequate demand for accessible and supportive housing for persons with disabilities in the subject's primary market area.
- VHDA requires the analyst to consider the impact, if any, on the analysis for proposed communities in which 20% or more of the units contain at least 3 bedrooms. Approximately 19% of the subject units are 3-Bedroom. This is not expected to have a significant impact on demand, as this is a typical 3-bedroom ratio among income and rent restricted projects in the subject's PMA.
- The subject's capture rate is calculated as the percentage of residential demand the subject would have to capture to achieve stabilization. The total number of units for the subject is segmented by the percentage of units captured in the subject's PMA and a typical vacancy allowance. The adjusted total number of units is 72 units. The subject's overall blended capture rate is 0.73% (considering the entire project is LIHTC). The subject's overall blended capture rate 0.45% (PBV units).
- The subject is expected to be absorbed into the market at a pace of 12 dwelling units per month. Financing is currently available at attractive terms and the feasibility rent is sufficient to cover costs of construction and return a reasonable yield to the investor. This combined with the low capture rate indicates a strong demand for the subject's product type.
- The site is attractive and well located in regard to its access and proximity to employment, community services, shopping, medical, and transportation routes which provides extended access to all points throughout the MSA.
- The location, rents, and amenity package will appeal to the low to moderate income families and professionals.
- The bedroom mix of units, the household size distribution, the capabilities, and the unit
  vacancy levels indicate that the subject's bedroom mix is appropriate in this market at the
  rent levels. Market rents are sufficient to support new construction and a positive residual
  demand indicates new construction in this market is likely.
- Project features are adequate in this portion of the county. The inventory is mixed ranging
  from older 30+ year inventory to newer inventory. The subject's amenity package and
  features are generally commensurate with other similar class properties in the subject's
  market.
- The subject property is proposed. The economic infrastructure for the subject properties

PMA is fundamentally sound and should continue to grow at a constant and moderate pace.

- The overall development scheme is appropriate and well suited for the market. We make no further recommendations and/ or modifications to the development.
- There do not appear to be any detrimental influences that would impede the absorption rate already established at 12 units per month.
- Our analysis contained herein incorporated the opinions of property managers and leasing agents as well as local market participants that are considered experts in their respective fields.

Given the indications described above, it is reasonable to conclude that the subject's current actual capture rate will continue throughout the mid-range forecast. Given the positive residual demand and the availability of land and capital, new competition is anticipated to materialize in the short and midterm. We have made appropriate allowances for additional new competition.

## VHDA NET DEMAND TABLE

Using VHDA's required format, Net Demand is summarized on the following table. It should be noted that this format does not break out the net demand on a per bedroom type bases, but instead it represents the total net demand.

Income Restrictions	Up to 80%, LIHTC	PBV Units @ 30%
Min.	\$20,571	\$20,571
Max	\$88,720	\$33,270
		022
Demand from Existing HH	6,182	932
New Rental HH's	(417)	(417)
PLUS *Evicting LILI's		
*Existing HH's (Rent Overburdened+ Substandard HH+ Turnover)	3,250	3,250
PLUS	J,ZJU	3,230
Existing HH's	see above	see above
(Substandard HH's)		3
PLUS		
Homeowners		
converting to Rental HH's	0	0
PLUS		
Existing Qualifying Tenants		
(retain post rehab)	0	0
EQUALS		
Demand	9,014	3,765
MINUS		
**Supply	0	0
EQUALS	0.014	2.745
NET DEMAND	9,014	3,765
TOTAL ABSORPTION PERIOD (months)	5.35	1.00

<sup>\*</sup>Existing HH's combines substandard and cost burden HH's due to overlapping

The demand from existing HH's as indicated in the first line is simply latent/ pent up demand in which the existing inventory does not satisfy the existing demand.

<sup>\*\*</sup>Demand estimates reflect 'net' demand in which supply has already been deducted from demand, therefore net supply is zero

## MARKET ANALYSIS STATEMENT OF EXPERIENCE

A representative sample of Due Diligence, Consulting or Valuation Engagements for Eugene A. Joseph, Jr, the primary analyst, includes: (see addenda for primary market analysts and review analysts resume).

- Have managed and conducted numerous market and feasibility studies for affordable and conventional housing. Properties are generally Section 42 Low Income Housing Tax Credit Properties. Local housing authorities, developers, syndicators and lenders have used these studies to assist in the financial underwriting and design of LIHTC properties. Analysis typically includes; unit mix determination, demand projections, rental rate analysis, competitive property surveying and overall market analysis.
- Have managed and conducted numerous appraisals of affordable housing (primarily LIHTC developments). Appraisal assignments typically involved determining the as is, as if complete and the as if complete and stabilized values. Additionally, encumbered (LIHTC) and unencumbered values were typically derived.
- In accordance with HUD Notice H 00-12, Mr. Joseph has completed numerous rent comparability Studies for various property owners and local housing authorities. The properties were typically undergoing recertification under HUD's Mark to Market Program.

Selected vendors for demographic information and forecasts include:

- www.stdbonline.com
- http://www.vec.virginia.gov/
- <a href="http://factfinder.census.gov/home/">http://factfinder.census.gov/home/</a>

# J. OTHER REQUIREMENTS

## **ANALYST STATEMENT:**

## I affirm the following:

- 1. I have made a physical inspection of the site and market area.
- 2. The appropriate information has been used in the comprehensive evaluation of the need and demand for the proposed rental units.
- 3. To the best of my knowledge the market can support the demand shown in this study. I understand that any misrepresentation in this statement may result in the denial of participation in the Low-Income Housing Tax Credit Program in Virginia as administered by VHDA.
- 4. Neither I nor anyone at my firm has any interest in the proposed development or a relationship with the ownership entity.
- 5. Neither I nor anyone at my firm nor anyone acting on behalf of my firm in connection with the preparation of this report has communicated to others that my firm is representing VHDA or in any way acting for, at the request of, or on behalf of VHDA.
- 6. Compensation for my services is not contingent upon this development receiving a LIHTC reservation or allocation.

	March 15, 2024
Market Applyet	Data
Market Analyst	Date

## CERTIFICATION

The appraisers signing this report make the following certifications to the best of their knowledge and belief.

- The statements of fact contained in this report are true and correct.
- Reported analyses, opinions, and conclusions are limited only by the assumptions and limiting conditions contained within this report, and are the appraisers' personal, impartial, and unbiased professional analyses, opinions, and conclusions.
- The appraisers have no present or prospective interest in the property that is the subject of this report, or personal interest with the parties involved. The appraisers have no bias with respect to the property that is the subject of this report, or to the parties involved with this assignment.
- The appraisers have performed services, as an appraiser or in any other capacity, regarding the property that is the subject of this report during the three-year period immediately preceding acceptance of this assignment.
- The appraisers have no bias with respect to the subject property or to the parties involved with this assignment.
- This engagement is not contingent upon developing or reporting predetermined results.
- Compensation paid to the appraisers 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 the appraisal.
- Reported analyses, opinions, and conclusions were developed, and this report has been prepared in conformity with the Uniform Standards of Professional Appraisal Practice (USPAP) as promulgated by the Appraisal Foundation.
- A statement regarding observation of the subject property by the appraisers is listed below. This viewing, if any, did not attempt to probe, study, investigate, detect, or discover unfavorable physical features.

Appraiser	Observation
Eugene A. Joseph, Jr., MAI, SRA, AI-GRS	Adequate Observation
Matthew W. Davis	Adequate Observation

- Matthew W. Davis provided significant real property appraisal assistance to the appraiser(s) signing this certification.
- The reported 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 Professional Appraisal Practice of the Appraisal Institute, which includes the Uniform Standards of Professional Appraisal Practice.

- 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, Eugene A., Joseph, Jr., MAI, SRA has completed the continuing education program for Designated Members of the Appraisal Institute.

# EAJoseph Appraisal & Consultation

Eugene A. Joseph, Jr., MAI, SRA, AI-GRS

Principal Appraiser

Certified General Real Estate Appraiser

License No. 4001 009492

# Sequence of Addenda Materials

- Contingent and Limiting Conditions
- Appraiser Qualifications
- License
- Insurance Information
- Service Agreement

## Eugene A. Joseph, Jr., MAI, SRA, AI-GRS

Proprietor

Office: +1 804 353 1757 Fax: +1 888 977 3716 Mobile: +1 804 467 2517 gene@eajoseph.com

EAJoseph Appraisal & Consultation PO Box 8225 Richmond, Virginia 23226

## CONTINGENT AND LIMITING CONDITIONS

- 1. By this notice, all persons, companies, or corporations using or relying on this report in any manner bind themselves to accept these Contingent and Limiting conditions, and all other contingent and limiting conditions contained elsewhere in this report. Do not use any portion of this report unless you fully accept all Contingent and Limiting conditions contained throughout this document.
- 2. The "Subject" or "Subject Property" refers to the real property that is the subject of this report. An Appraiser is defined as an individual person who is licensed to prepare real estate appraisal-related services in the State of Virginia and affixes his / her signature to this document.
- 3. Throughout this report, the singular term "Appraiser" also refers to the plural term "Appraisers". The terms "Appraiser" and "Appraisers" also refer collectively to "EAJoseph Appraisal & Consultation ", its officers, employees, subcontractors, and affiliates. The masculine terms "he" or "his" also refer to the feminine term "she" or "her".
- 4. In these Contingent and Limiting Conditions, the "Parties" refers to all of the following collectively: (a) the Appraiser(s), (b) EAJoseph Appraisal & Consultation, (c) the client, and (d) all intended users.
- 5. These Contingent and Limiting Conditions are an integral part of this report along with all certifications, definitions, descriptions, facts, statements, assumptions, disclosures, hypotheses, analyses, and opinions.
- 6. All contents of this report are prepared solely for the explicitly identified client and other explicitly identified intended users. The liability of the Appraiser is limited solely to the client. There is no accountability, obligation, or liability to any other third party. Other intended users may read but not rely on this report.
- 7. This document communicates the results of an appraisal assignment. This communication is not an inspection, engineering, construction, legal, or architectural report. It is not an examination or survey of any kind. Expertise in these areas is not implied. The Appraiser is not responsible for any costs incurred to discover, or correct any deficiency in the property.
- 8. As part of this appraisal, information was gathered and analyzed to form opinion(s) that pertain solely to one or more explicitly identified effective value dates. The effective value date is the only point in time that the value applies. Information about the subject property, neighborhood, comparables, or other topics discussed in this report was obtained from sensible sources. In accordance with the extent of research disclosed in the Scope of Work section, all information cited herein was examined for accuracy, is believed to be reliable, and is assumed reasonably accurate. However, no guaranties or warranties are made for this information. No liability or responsibility is assumed for any inaccuracy which is outside the control of the Appraiser, beyond the scope of work, or outside reasonable due diligence of the Appraiser.
- 9. Real estate values are affected by many changing factors. Therefore, any value opinion expressed herein is considered credible only on the effective value date. Every day that passes thereafter, the degree of credibility wanes as the subject changes physically, the economy changes, or market conditions change. The Appraiser reserves the right to amend these analyses and/or value opinion(s) contained within this appraisal report if erroneous, or more factual-information is subsequently discovered. No guarantee is made for the accuracy of estimates or opinions furnished by others, and relied upon in this report.
- 10. In the case of limited partnerships, syndication offerings, or stock offerings in the real estate, the client agrees that in case of lawsuit (brought by the lender, partner, or part owner in any form of ownership, tenant, or any other party), the client will hold EAJoseph Appraisal & Consultation , its officers, contractors, employees and associate appraisers completely harmless. Acceptance of, and/or use of this report by the client, or any third party is prima facie evidence that the user understands and agrees to all these conditions.
- 11. For appraisals of multiunit residential, only a portion of all dwellings was observed. A typical ratio of observed dwellings roughly approximates 10% of the total number of units, and this ratio declines as the number of dwellings grows. It is assumed the functionality, physical condition, construction quality, and interior finish of unseen units are similar to the functionality, physical condition, construction quality, and interior finish of observed units. If unobserved dwellings significantly differ from those that were viewed in functionality, physical condition, quality, or finish, the Appraiser reserves the right to amend theses analysis and/or value opinion(s).

- 12. If the appraised property consists of a physical portion of a larger parcel is subject to the following limitations. The value opinion for the property appraised pertains only to that portion defined as the subject property. This value opinion should not be construed as applying with equal validity to other complementary portions of the same parcel. The value opinion for the physical portion appraised + the value of all other complementary physical portions may or may not equal the value of the whole parcel.
- 13. Unless specifically stated otherwise herein, the Appraiser is unaware of any engineering study made to determine the bearing capacity of the subject land, or nearby lands. Improvements in the vicinity, if any, appear to be structurally sound. It is assumed soil and subsoil conditions are stable and free from features that cause supernormal costs to arise. It is also assumed existing soil conditions of the subject land have proper load bearing qualities to support the existing improvements, or proposed improvements appropriate for the site. No investigations for potential seismic hazards were made. This appraisal assumes there are no conditions of the site, subsoil, or structures, whether latent, patent, or concealed that would render the subject property less valuable. Unless specifically stated otherwise in this document, no earthquake compliance report, engineering report, flood zone analysis, hazardous substance determination, or analysis of these unfavorable attributes was made, or ordered in conjunction with this appraisal report. The client is strongly urged to retain experts in these fields. If so desired.
- 14. If this report involves an appraisal that values an interest, which is less than the whole fee simple estate, then the following disclosure applies. The value for any fractional interest appraised + the value of all other complementary fractional interests may or may not equal the value of the entire fee simple estate.
- 15. If this appraisal values the subject as though construction, repairs, alterations, remodeling, renovation, or rehabilitation will be completed in the future, then it is assumed such work will be completed in a timely fashion, using non-defective materials, and proper workmanship. All previously completed work is assumed completed in substantial conformance with plans, specifications, descriptions, or attachments made or referred to herein. It is also assumed all planned, in-progress, or recently completed construction complies with the zoning ordinance, and all applicable building codes. A prospective value opinion has an effective value date that is beyond or in the future relative to this report's preparation date. If this appraisal includes a prospective valuation, it is understood and agreed the Appraiser is not responsible for an unfavorable value effect caused by unforeseeable events that occur before completion of the project.
- 16. This valuation may or may not include an observation of the appraised property by an Appraiser. The extent of any observation is disclosed in the Scope of Work section of this report. Any observation by an Appraiser is not a professional property inspection. Viewing of the subject was limited to components that were not concealed, clearly observable, and readily accessible without a ladder on the property observation date. As used herein, readily accessible means within the Appraiser's normal reach without the movement of any man made or natural object. Comments or descriptions about physical condition of the improvements are based solely on a superficial visual observation. These comments are intended to familiarize the reader with the property in a very general fashion.
- 17. Electric, heating, cooling, plumbing, water supply, sewer or septic, mechanical equipment, and other property systems were not tested. No determination was made regarding the operability, capacity, or remaining physical life of any component in, on, or under the real estate appraised. All building components are assumed adequate and in good working order unless stated otherwise. Private water wells and private septic systems are assumed sufficient to comply with federal, state, or local health safety standards. No liability is assumed for the soundness of structural members since structural elements were not tested or studied to determine their structural integrity. The roof cover for all structures is assumed water tight unless otherwise noted. This document is not an inspection, engineering or architectural report. If the client has any concern regarding structural, mechanical, or protective components of the improvements, or the adequacy or quality of sewer, water or other utilities, the client should hire an expert in the appropriate discipline before relying upon this report. No warranties or guarantees of any kind are expressed or implied regarding the current or future physical condition or operability of any property component.
- 18. The allocation of value between the subject's land and improvements, if any, represents our judgment only under the existing use of the property. A re-evaluation should be made if the improvements are removed, substantially altered, or the land is utilized for another purpose.
- 19. The Client and all intended users agree to all the following. (A) This appraisal does not serve as a warranty on the physical condition or operability of the property appraised. (B) All users of this report should take all

necessary precautions before making any significant financial commitments to or for the subject. (C) Any estimate for repair or alternations is a non-warranted opinion of the Appraiser.

- 20. No liability is assumed for matters of legal nature that affect the value of the subject property. Unless a clear statement to the contrary is made in this report, value opinion(s) formed herein are predicated upon the following assumptions. (A) The real property is appraised as though, and assumed free from all value impairments including yet not limited to title defects, liens, encumbrances, title claims, boundary discrepancies, encroachments, adverse easements, environmental hazards, pest infestation, leases, and atypical physical deficiencies. (B) All real estate taxes and assessments, of any type, are assumed fully paid. (C) It is assumed ownership of the property appraised is lawful. (D) It is also assumed the subject property is operated under competent and prudent management. (E) The subject property was appraised as though, and assumed free of indebtedness. (F) The subject real estate is assumed fully compliant with all applicable federal, state, and local environmental regulations and laws. (G) The subject is assumed fully compliant with all applicable zoning ordinances, building codes, use regulations, and restrictions of all types. (H) All licenses, consents, permits, or other documentation required by any relevant legislative or governmental authority, private entity, or organization have been obtained, or can be easily be obtained or renewed for a nominal fee.
- 21. Any exhibits in the report are intended to assist the reader in visualizing the subject property and its surroundings. The drawings are not surveys unless specifically identified as such. No responsibility is assumed for cartographic accuracy. Drawings are not intended to be exact in size, scale, or detail.
- 22. Value opinions involve only real estate, and inconsequential personal property. Unless explicitly stated otherwise, value conclusions do not include personal property, unaffixed equipment, trade fixtures, business-good will, chattel, or franchise items of material worth.
- 23. Conversion of the subject's income into a market value opinion is based upon typical financing terms that were readily available from a disinterested, third party lender on this report's effective date. Atypical financing terms and conditions do not influence market value, but may affect investment value.
- 24. All information and comments concerning the location, market area, trends, construction quality, construction costs, value loss, physical condition, rents, or any other data for the subject represent estimates and opinions of the Appraiser. Expenses shown in the Income Approach, if used, are only estimates. They are based on past operating history, if available, and are stabilized as generally typical over a reasonable ownership period.
- 25. This appraisal was prepared by EAJoseph Appraisal & Consultation and consists of trade secrets and commercial or financial information, which is privileged, confidential, and exempt from disclosure under 5 U.S.C. 522 (b) (4).
- 26. The Appraiser is not required to give testimony or produce documents because of having prepared this report unless arrangements are agreed to in advance. If the Appraiser is subpoenaed pursuant to court order or required to produce documents by judicial command, the client agrees to compensate the Appraiser for his appearance time, preparation time, travel time, and document preparation time at the regular hourly rate then in effect plus expenses and attorney fees. In the event the real property appraised is, or becomes the subject of litigation, a condemnation, or other legal proceeding, it is assumed the Appraiser will be given reasonable advanced notice, and reasonable additional time for court preparation.
- 27. Effective January 26, 1992, the Americans with Disabilities Act (ADA) a national law, affects all non-residential real estate or the portion of any property, which is non-residential. The Appraiser has not observed the subject property to determine whether the subject conforms to the requirements of the ADA. It is possible a compliance survey, together with a detailed analysis of ADA requirements, could reveal the subject is not fully compliant. If such a determination was made, the subject's value may or may not be adversely affected. Since the Appraiser has no direct evidence, or knowledge pertaining to the subject's compliance or lack of compliance, this appraisal does not consider possible noncompliance or its effect on the subject's value.
- 28. EAJoseph Appraisal & Consultation and the Appraiser have no expertise in the field of insect, termite, or pest infestation. We are not qualified to detect the presence of these or any other unfavorable infestation. The Appraiser has no knowledge of the existence of any infestation on, under, above, or within the subject real estate. No overt evidence of infestation is apparent to the untrained eye. However, we have not specifically inspected or tested the subject property to determine the presence of any infestation. No effort was made to dismantle or probe the structure. No effort was exerted to observe enclosed, encased, or otherwise concealed evidence of infestation. The presence of any infestation would likely diminish the property's value. All value

opinions in this communication assume there is no infestation of any type affecting the subject real estate or the Appraiser is not responsible for any infestation or for any expertise required to discover any infestation. Our client is urged to retain an expert in this field, if desired.

- 29. All opinions are those of the signatory Appraiser based on the information in this report. No responsibility is assumed by the Appraiser for changes in market conditions, or for the inability of the client, or any other party to achieve their desired results based upon the appraised value. Some of the assumptions or projections made herein can vary depending upon evolving events. We realize some assumptions may never occur and unexpected events or circumstances may occur. Therefore, actual results achieved during the projection period may differ from those set forth in this report. Compensation for appraisal services is dependent solely on the delivery of this report, and no other event or occurrence
- 30. No warrantees are made by the Appraiser concerning the property's conformance with any applicable government code or property covenant including but not limited to all laws, ordinances, regulations, agreements, declarations, easements, condominium regulations, restrictions, either recorded or unrecorded. The client is urged to engage the services of a licensed attorney to confirm any legal issue affecting the property appraised. No liability or responsibility is assumed by the Appraiser to determine the cost of replacing or curing any supposedly defective physical component.
- 31. In the event of an alleged claim due to some defective physical component, the client must notify EAJoseph Appraisal & Consultation and allow its representatives and experts to examine and test the alleged defective component before any repairs or modifications are made. If any type of repair or modification is made without the knowledge of the Appraisers, the Appraiser is released from all liability, real or alleged.
- 32. The client and all explicitly identified intended users agree to notify in writing EAJoseph Appraisal & Consultation , within one year of this report's preparation date, of any claim relating to or arising from this report regardless of any statute of limitations. If EAJoseph Appraisal & Consultation does not receive this written notification within the year period defined in the paragraph, then the claimant releases the Appraiser from all claims arising from or related to this report.
- 33. The client and all explicitly identified intended users acknowledge that any claim relating to this report shall be settled in accordance with the commercial arbitration rules of the American Arbitration Association with the Parties each paying an equal share of all associated costs.
- 34. Any alleged claim must be filed in the Circuit Court for the County that encompasses most of or all of Richmond, Virginia 23226 where the Appraiser's business office is located. If a court of law voids any portion of these Contingent and Limiting Conditions, then the remainder remains in full force and effect. The claimants(s) agree not to contest the venue set forth herein and to submit to, and not contest, the exercise of personal jurisdiction over them by the foregoing court. The claimant(s) waive all rights concerning the exercise of personal jurisdiction of them by the foregoing courts and all claims of or concerning forum non-conveniences in the foregoing forum.
- 35. Superseding all comments to the contrary regardless of date, this report may not be transferred or assigned without the prior written consent of EAJoseph Appraisal & Consultation.
- 36. No part of this report shall be published or disseminated to the public by the use of advertising media, public relations media, news media, sales media, electronic devices, or other media without the prior written consent of EAJoseph Appraisal & Consultation. This restriction applies particularly as to analyses, opinions, and conclusions; the identity of the Appraiser; and any reference to the Appraisal Institute or its MAI, SRPA, or SRA designations. Furthermore, no part of this report may be reproduced or incorporated into any information retrieval system without written permission from EAJoseph Appraisal & Consultation, the copyright holder.

# Matthew W. Davis

**ANALYST** 

EAJoseph Appraisal & Consultation Services



EDUCATION AND QUALIFICATIONS

Hampden Sydney College

Bachelor of Arts in Economics and Commerce

Virginia Commonwealth University

Master of Science in Business: Real Estate Valuation (Candidate)

#### **CONTACT DETAILS**

MOB +1 540 580 4049 DIR +1 804 353 1757 FAX +1 888 977 3716

EAJoseph Appraisal & Consultation Richmond Office PO Box 8225 Richmond, VA 23226 Matt Davis has been with EAJoseph since its founding in January of 2015. As an analyst, Matt is responsible for providing written value opinions of real property interests on a variety of property types.

Prior to EAJoseph, Matt was an appraisal analyst with MGMiller Valuations in Richmond, VA. While with MGMiller, Matt performed valuations on nearly all generally accepted classifications of commercial property types.

Matt is currently a graduate candidate for a Master of Science in Business with Virginia Commonwealth University, having completed all relevant coursework. This program satisfies the educational requirements for the MAI & CCIM designations, and most of the educational requirements for licensure in the state of Virginia.

## **EXPERIENCE**

Valuation Analyst, EAJoseph Appraisal & Consultation, Richmond, VA, January 2015- present

Valuation Trainee, Colliers International Valuation & Advisory Services, Richmond, VA, October 2014-January 2015

Valuation Analyst, MGMiller Valuations, Richmond, VA., 2011-2014

Residential Analyst, Southern Bankers Services, Roanoke, VA., 2009-2010

APPRAISAL INSTITUTE COURSES 1A1, Real Estate Principals

1A2, Basic Valuation Procedures

Course 520, Highest and Best Use and Market Analysis

GRADUATE COURSEWORK
Real Estate Appraisal

Real Estate Development

Real Property Investment Law

Cases in Financial Management

Financial Markets (Asset Pricing and Valuation)

Real Estate Finance and Investments

Statistical Analysis

Using GIS in Real Estate Decisions

Real Estate Investment Analysis





1/2/2024

R-T Specialty, LLC 9020 Stony Point Parkway Richmond, VA 23235

INSURANCE BINDER FOR: EA Joseph Appraisal & Consultation Services, LLC POLICY NUMBER: MEO-HS-0006008-00

Thank you for binding coverage with Houston Specialty Insurance Company. HSIC is a property and casualty insurer rated A- IX by the A.M. Best Company. We are pleased to provide you with the attached binder for insurance.

The collection and filing of all surplus lines taxes and fees as well as any other applicable surcharges are your responsibility and are not included in the premium set forth in the attached binder. Please note that commissions will not be paid on taxes and/or surcharge amounts.

Sincerely,

Jung Lee-Stouffer

Jung Lee-Stouffer



#### INSURANCE BINDER

Insurance Company: Houston Specialty Insurance Company
Policy Number: MEO-HS-0006008-00
Named Insured: EA Joseph Appraisal & Consultation Services, LLC

#### **CERTIFICATES OF INSURANCE**

The Company will not review, accept or retain copies of any certificates of insurance or additional insured endorsements prepared by anyone. Moreover, the Company will not be responsible for any liability resulting from the issuance of any unauthorized endorsement or the issuance of an endorsement which has been authorized by the Company but where the authorized wording is amended or revised in any way, without the prior written approval of the Company. The Company will not be responsible for any liability resulting from the issuance of any certificate of insurance. In no event does anyone have the authority to issue certificates of insurance which include any addition and/or modification of the policy terms and conditions, additional named insureds, waivers of subrogation or any special additional coverages unless expressly approved in writing by the Company.

Copies of all certificates of insurance and any endorsement sent with those certificates must be retained by the issuer for the time period required by state law or regulation in the state in which the certificate of insurance is issued, but in no event less than five years from the date indicated on the certificate.

Unless this policy is physically endorsed, the issuance of a certificate of insurance does not amend, extend, or alter the coverage provided by this policy or change the person(s) or entities to whom such coverage is afforded under this policy. No one without the express written authority of the Company has the authority to issue certificates of insurance or endorsements of any kind including without limitation additional insured endorsements, which include any addition and/or modification of this policy's terms and conditions, or purport to add any additional insured(s) and/or change any term, condition, or provision of this policy unless such policy changes or modifications are first approved by the Company and a policy endorsement is issued by the Company and signed by an officer of the Company.



## **INSURANCE BINDER**

Policy Number: MEO-HS-0006008-00

NAMED INSURED: EA Joseph Appraisal & Consultation Services, LLC

4612 W. Franklin St Richmond, VA 23226

Policy Period: From 1/12/2024 to 1/12/2025 at 12:01 A.M. Standard Time at your mailing address shown above.

**COVERAGES** 

Professional Services: Real Estate Appraisal Services

Retroactive Date: 1/12/2015

LIMITS OF INSURANCE

Per Claim \$1,000,000

Aggregate Limit \$1,000,000

DEFENSE COSTS ARE INCLUDED WITHIN THE LIMITS OF LIABILITY

RETENTION

Retention \$2,500 Each & Every Claim

**PREMIUM** 

Policy Premium \$2,500.00

Audit Period Not Subject To Audit

All premiums applicable to additional coverage(s) as required during the policy period will be invoiced separately and will not apply toward the estimated policy premiums. The collection and filing of all surplus lines taxes and fees as well as any other applicable surcharges shall be the sole responsibility of the Excess and Surplus Lines Broker and not included as part of the premiums set forth above.



# **INSURANCE BINDER**

Policy Number: MEO-HS-0006008-00

Named Insured: EA Joseph Appraisal & Consultation Services, LLC

# SUBJECTIVITIES/REQUIREMENTS

Please be advised that coverage has been bound conditional upon receipt, review, verification and approval of the following items within 30 days of binding coverage:

## N/A

In order to complete the underwriting process, we require that you send us the subjectivities requested above. We are not required to bind coverage prior to our receipt, review and underwriting approval of the above information. However, if we do bind coverage prior to such approval, it shall be for a temporary period of not more than 30 days. Such temporary binding of coverage shall be void ab initio ("from the beginning") if we have not received, reviewed and approved in writing such material within 30 days from the effective date of the temporary binder.



FORMS	
FORM/ENDORSEMENT NUMBER	NAME
HSIC JACKET-POLICY A (07-2021)	HSIC JACKET-POLICY A (07-2021)
SOS HSIC CW 09 13	CW SERVICE OF SUIT CLAUSE
DS PN Annual (02-22)	SKYWARD PRIVACY NOTICE
HSIC MEO DS 01 10 10 16	HSIC POLICY DECLARATIONS - MISCELLANEOUS ERRORS AND OMISSIONS LIABILITY INSURANCE
MP FORM SCHED 00	FORMS SCHEDULE
MP 01 08 11 13	U.S. TREASURY DEPARTMENT'S OFFICE OF FOREIGN ASSETS CONTROL - OFAC - ADVISORY NOTICE TO POLICYHOLDERS
MP 01 26 1113	IMPORTANT NOTICE
MP 02 52 11 13	PENDING OR PRIOR LITIGATION EXCLUSION
MP 00 01 03 22	MISCELLANEOUS PROFESSIONAL LIABILITY INSURANCE POLICY
MP 02 24 11 13	NUCLEAR LIABILITY EXCLUSION
MP 03 10 08 21	APPRAISER ENDORSEMENT
MP 03 20 08 21	EXTENDED REPORTING PERIOD ENDORSEMENT
MP 03 31 03 22	RETENTION REDUCTION FOR MEDIATION ENDORSEMENT

PENDING OR PRIOR-1/12/2024



Failure to provide Skyward Specialty Insurance with any of the above-listed items, within the specified time frame, can result in the automatic issuance of a Notice of Cancellation.

In witness whereof, this company has caused this policy to be signed by its President and Secretary but if required by state law, the policy shall not be valid unless countersigned by an authorized representative of the Company.

Line KS Hack W. Hans

**SECRETARY SIGNATURE** 

PRESIDENT SIGNATURE



# HOUSTON SPECIALTY INSURANCE COMPANY POLICY DECLARATIONS MISCELLANEOUS ERRORS AND OMISSIONS LIABILITY INSURANCE

POLICY NUMBER: MEO-HS-0006008-00 RENEWAL OF POLICY: New

Named Insured & Mailing Address: EA Joseph Appraisal & Consultation Services, LLC 4612 W. Franklin St Richmond, VA 23226 Broker Name & Mailing Address: R-T Specialty, LLC 9020 Stony Point Parkway Richmond, VA 23235

Policy Period: From 1/12/2024 to 1/12/2025 at 12:01 A.M. Eastern Time

This policy is issued by the insurance company listed above (herein "Company").

THIS POLICY IS A CLAIMS MADE AND REPORTED POLICY WHICH COVERS ONLY CLAIMS FIRST MADE AGAINST THE INSURED AND REPORTED TO THE COMPANY DURING THE POLICY PERIOD.

PLEASE READ THIS POLICY CAREFULLY.

RETROACTIVE DATE	
	1/12/2015
PRIOR AND PENDING LITIGATION DATE	
	1/12/2024
LIMITS OF INSURANCE	
Each Claim Aggregate Limit	\$1,000,000 \$1,000,000
RETENTION	
Each & Every Claim	\$2,500.00
PROFESSIONAL SERVICES	
	Real Estate Appraisal Services
PREMIUM	
Premium	\$2,500.00

# HOUSTON SPECIALTY INSURANCE COMPANY **POLICY DECLARATIONS** MISCELLANEOUS ERRORS AND OMISSIONS LIABILITY INSURANCE

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Notices to Insurance Company:

Notice of Claim or Potential Claim: Claims Department

Claims@skywardinsurance.com

888-321-0714

All other notices: VP Legal - HIIG

800 Gessner, Suite 600 Houston, TX 77024

IN CONSIDERATION OF THE PAYMENT OF THE PREMIUMS, AND SUBJECT TO ALL THE TERMS, CONDITIONS AND EXCLUSIONS OF THIS POLICY, WE AGREE TO PROVIDE THE INSURED WITH THE INSURANCE AS STATED IN THIS POLICY.

THESE DECLARATIONS. TOGETHER WITH THE COMPLETED AND SIGNED APPLICATION FOR THIS POLICY INCLUDING INFORMATION FURNISHED IN CONNECTION THEREWITH, AND THE COVERAGE FORM AND ANY ENDORSEMENTS ATTACHED HERETO, CONSTITUTE THE ABOVE NUMBERED INSURANCE POLICY.

#### NOTICE TO THE INSURED

The insurance policy that you have applied for has been placed with or is being obtained from an insurer approved by the State Corporation Commission for issuance of surplus lines insurance in the Commonwealth, but not licensed or regulated by the State Corporation Commission of the Commonwealth of Virginia. Therefore, you, the policyholder, and persons filing a claim against you are not protected under the Virginia Property and Casualty Insurance Guaranty Association Act (Va. Code Ann. §38.2-1600 et seq.) of the Code of Virginia against default of the company due to insolvency. In the event of insurance company insolvency, you may be unable to collect any amount owed to you by the company regardless of the terms of this insurance policy, and you may have to pay for

In witness whereof this company has caused this policy do he signed by its President and Secretary but if required by state law, the policy shall not be valid unless countersigned by an authorized representative of the

SECRETARY SIGNATURE	Mark W. Wan

HSIC MEO DS 01 10 10 16

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No part of this document may be reproduced, distributed, or disseminated to the public nor may any portion be incorporated into any information retrieval system without written permission from EAJoseph Appraisal & Consultation, the copyright holder. EAJoseph Appraisal & Consultation retains exclusive ownership to all information and data contained in this report including yet not limited to all exhibits, photographs, tables, and charts.

All opinions, analyses, and conclusions stated herein are intended for the exclusive use of our client, and other specifically identified intended users. Only the client and other specifically identified intended users may use this report for the sole purpose and intended use stated herein.

**END OF REPORT**