

# A MARKET CONDITIONS AND PROJECT EVALUATION SUMMARY OF:

# LIVE OAK LANDING

## A MARKET CONDITIONS AND PROJECT EVALUATION SUMMARY OF:

### LIVE OAK LANDING

1210 Wheaton Street Savannah, Chatham County, Georgia 31404

Effective Date: April 22, 2017 Report Date: April 28, 2017

Prepared for: Mr. Bill Gross W.H. Gross Construction Co. 1209 East King Avenue Kingsland, GA 31548

Assignment Code: AEP600V.067

Prepared by: Novogradac & Company LLP 4520 East-West Highway, Suite 615 Bethesda, MD 20814 240-235-1701





April 28, 2017

Mr. Bill Gross President W.H. Gross Construction Co. 1209 East King Avenue Kingsland, GA 31548

Re: Market Study - Application for Live Oak Landing, located in Savannah, Chatham County, Georgia

Dear Mr. Gross:

At your request, Novogradac & Company LLP has performed a study of the multifamily rental market in the Savannah, Chatham County, Georgia area relative to the above-referenced Low-Income Housing Tax Credit (LIHTC) project.

The purpose of this market study is to assess the viability of the proposed 70-unit senior multifamily mixed-income LIHTC development. The proposed Subject will be a newly constructed LIHTC project with 70 revenue generating units, restricted to seniors 62 and older earning 50 and 60 percent of the Area Median Income (AMI) or less and market rate units. The following report provides support for the findings of the study and outlines the sources of information and the methodologies used to arrive at these conclusions.

The scope of this report meets the requirements of Georgia Department of Community Affairs (DCA), including the following:

- Inspecting the site of the proposed Subject and the general location.
- Analyzing appropriateness of the proposed unit mix, rent levels, available amenities and site.
- Estimating market rent, absorption and stabilized occupancy level for the market area.
- Investigating the health and conditions of the multifamily market.
- Calculating income bands, given the proposed Subject rents.
- Estimating the number of income eligible households.
- Reviewing relevant public records and contacting appropriate public agencies.
- Analyzing the economic and social conditions in the market area in relation to the proposed project.
- Establishing the Subject Primary and Secondary Market Area(s) if applicable.
- Surveying competing projects, Low-Income Housing Tax Credit (LIHTC) and market rate.

This report contains, to the fullest extent possible and practical, explanations of the data, reasoning, and analyses that were used to develop the opinions contained herein. The report also includes a thorough analysis of the scope of the study, regional and local demographic and economic studies, and market analyses including conclusions. The depth of discussion contained in the report is specific to the needs of the client. Information included in this report is accurate and the report can be relied upon by DCA as a true assessment of the low-income housing rental market. This report was completed in accordance with DCA market study guidelines. We inform the reader that other users of this document may underwrite the LIHTC rents to a different standard than contained in this report.

MR. BILL GROSS W.H. GROSS CONSTRUCTION CO. APRIL 28, 2017 PAGE 2

The authors of this report certify that we are not part of the development team, owner of the Subject property, general contractor, nor are we affiliated with any member of the development team engaged in the development of the Subject property or the development's partners or intended partners. Please do not hesitate to contact us if there are any questions regarding the report or if Novogradac & Company LLP can be of further assistance. It has been our pleasure to assist you with this project.

Respectfully submitted, Novogradac & Company LLP

H. Blair Kincer, MAI

Partner

Blair.Kincer@novoco.com

Brian Neukam Manager

Brian.Neukam@novoco.com

Meg & Southern

Meg Southern Junior Analyst

Meg.Southern@novoco.com

Abby Cohen Principal

Abby.Cohen@novoco.com

Samil W. Mabuy

Daniel Mabry Analyst

Daniel.Mabry@novoco.com

Nancy Chavez-Ruiz Junior Analyst

Nancy.Chavez-Ruiz@novoco.com

#### **TABLE OF CONTENTS**

A.	Executive Summary	
	Executive Summary	2
В.	Project Description	8
	Project Description	9
C.	Site Evaluation	12
D.	Market Area	24
	Primary Market Area	25
E.	Community Demographic Data	27
	Community Demographic Data	28
F.	Employment Trends	34
G.	Project-Specific Affordability and Demand Analysis	44
Н.	Competitive Rental Analysis	67
I.	Absorption and Stabilization Rates	111
	Absorption and Stabilization Rates	112
J.	Interviews	113
K.	Conclusions and Recommendations	115
	Conclusions	116
L.	Signed Statement Requirements	120
Μ.	Market Study Representation	122

#### Addendum

- A. Assumptions and Limiting Conditions
- B. Subject and Neighborhood Photographs
- C. Qualifications
- D. Summary Matrix



#### **EXECUTIVE SUMMARY**

#### 1. Project Description

Live Oak Landing will be a newly constructed senior 62 and older property located in Savannah, Chatham County, Georgia, which will consist of 70 units composed of 12 units in one, one-story residential building and 58 units in one, three-story elevator-serviced building.

The following table illustrates the proposed unit mix.

#### PROPOSED RENTS

Unit Type	Unit Size (SF)	Number of Units	Asking Rent	Utility Allowance (1)	Gross Rent	2016 LIHTC Maximum Allowable Gross Rent	HUD Fair Market Rents
			50	0% AMI			
1BR/1BA	690	6	\$435	\$154	\$589	\$595	\$775
1BR/1BA	750	6	\$435	\$154	\$589	\$595	\$775
2BR/1BA	880	20	\$530	\$183	\$713	\$715	\$897
			60	0% AMI			
1BR/1BA	690	5	\$525	\$154	\$679	\$714	\$775
1BR/1BA	750	5	\$525	\$154	\$679	\$714	\$775
2BR/1BA	880	21	\$640	\$183	\$823	\$858	\$897
			Mar	ket Rate			
1BR/1BA	690	1	\$615	-	\$615	N/A	\$775
1BR/1BA	750	1	\$615	-	\$615	N/A	\$775
2BR/1BA	880	<u>5</u>	\$735	-	\$735	N/A	\$897
Total		70					

Notes (1) Source of Utility Allowance provided by the Developer.

The proposed Subject will offer one and two-bedroom units that will be restricted to senior households earning 50 and 60 percent of the AMI, or less and seven unrestricted market rate units. All of the Subject's affordable units will have rents set below the maximum allowable levels. The Subject's amenity packages are considered to be comparable to the existing housing supply in the market.

#### 2. Site Description/Evaluation

The Subject site is located on the north side of Wheaton Street. The Subject site is currently vacant land. The Subject site has excellent visibility and accessibility from Wheaton Street and Harry S Truman Parkway. The immediate neighborhood consists primarily of residential and commercial uses that are in average to good condition. The commercial uses in the immediate neighborhood appear to be approximately 80 percent occupied. The Subject site is considered "Somewhat-Walkable" by Walk Score with a rating of 54 out of 100. The total crime indices in the Subject's area are above those of the MSA and nation. The proposed Subject will not offer any security features. It is important to note that all comparable properties offer one or two security features, with the exception of Pinewood Village. The lack of security features at Pinewood Village has not impacted the performance of the development, as it is currently 100 percent occupied and maintains a waiting list that is over 150 households in length, according to the property manager. We believe the Subject's lack of security features will not be a detriment, however we recommend their inclusion. The Subject site is considered a desirable building site for senior rental housing. The uses surrounding the Subject are in average to good condition and the site has good proximity to locational amenities, which are within 2.9 miles of the Subject site.



#### 3. Market Area Definition

The PMA includes the cities of Savannah, Thunderbolt, Chatham, and parts of Wylly Island. This area is bound by the Savannah River to the north, marshland to the east, Harry S Truman Parkway and Frontage Drive to the south, and Middleground Road, West Montgomery Cross Road, White Bluff Road, and Highway 17 to the west. Hunter Army Airfield abuts the PMA to the west. The distances from the Subject to the farthest boundaries of the PMA in each direction are listed as follows:

North: 3.5 miles East: 3.4 miles South: 7.8 miles West: 5.3 miles

The determination of this market area was influenced by conversations with surveyed property managers, who reported that the majority of rental traffic originates from throughout Chatham County. The Secondary Market Area (SMA) is determined to be the Savannah, Georgia Metropolitan Statistical Area (MSA), which consists of Chatham, Effingham, and Bryan Counties in southeast Georgia and encompasses approximately 1,569 square miles.

#### 4. Community Demographic Data

The PMA has experienced modest senior population and household growth between 2010 and 2017, and is projected to continue experiencing growth. Through market entry, senior population and households in the PMA are projected to grow at a faster rate than the MSA, but slower rate than the nation. The majority of senior renter households in the PMA are one and two-person households. The PMA has a higher share of renter households than the nation, which is in contrast to the national tenure patterns where approximately two-thirds of the households are homeowners and one third of households are renter households. The majority of senior renter households in the PMA have an annual income in the four lowest income cohorts, which ranges from \$0 to \$39,999. The proposed Subject's affordable units will be restricted to seniors with an annual income between \$17,670 and \$30,480. Income limits for the Subject's unrestricted market rate units will range from \$18,450 to \$50,800. Overall, while population growth has been modest, the concentration of senior renter households at the lowest income cohorts indicates significant demand for affordable rental housing in the market.

According to *RealtyTrac* statistics, one in every 1,588 housing units nationwide was in some stage of foreclosure as of April 2017. The city of Savannah is experiencing a foreclosure rate of one in every 2,118 homes, while Chatham County is experiencing foreclosure rate of one in every 2,034 homes and Georgia experienced one foreclosure in every 1,898 housing units. Overall, Savannah is experiencing a lower foreclosure rate than both Chatham County and the nation, indicating a healthy housing market. The Subject's neighborhood does not have a significant amount of abandoned or vacancy structures that would impact the marketability of the Subject.

#### 5. Economic Data

The PMA employs a significant share of individuals within the accommodation/food services, healthcare/social assistance, retail trade, educational services, and public administration. It is important to note the high share of individuals the PMA employs within the accommodation/food services sector. The major employers in the Savannah, GA MSA are concentrated within relatively stable sectors, including the education, government, healthcare, retail, marine cargo handling, and civic association sectors. From 2014 to year to date 2017 there have been six WARN notice filings in Chatham County, which total up to 1,779 affected employees. It is important to note that there have been zero WARN notice filings in Chatham County so far in 2017.



The Savannah, GA MSA has experienced strong employment growth from 2000 to 2017. Since the national recession, employment in the MSA has grown by a faster rate than employment in the nation every year with the exception of 2014 where employment in the MSA grew at a slightly slower rate. Based on the employment data, employment in the PMA is 3.3 percent above pre-recession high levels and the nation is 3.9 percent above pre-recession high levels, which indicates that the MSA economy is in a period of recovery and growth. More recently from December 2015 to December 2016, employment in the MSA grew 5.5 percent, which was significantly higher than the national employment growth during this same 12-month period, which was 1.4 percent. The MSA has historically reported a slightly higher unemployment rate than the nation; however, the MSA unemployment rate trend indicates that the unemployment rate has been declining since 2012. The growing local economy is a positive indicator of demand for rental housing and the Subject's proposed units.

#### 6. Project-Specific Affordability and Demand Analysis

\$17,670

The following table illustrates the demand and capture rates for the Subject's proposed units.

CAPTURE RATE ANALYSIS CHART										
Unit Type	Minimum Income	Maximum Income	Units Proposed	Total Demand	Supply	Net Demand	Capture Rate	Proposed Rents		
1BR at 50% AMI	\$17,670	\$22,250	12	147	34	113	10.7%	\$435		
1BR at 60% AMI	\$20,370	\$26,700	10	141	63	78	12.8%	\$525		
1BR All LIHTC	\$17,670	\$26,700	22	216	97	119	18.5%	-		
1BR Unrestricted	\$18,450	\$44,500	2	403	3	400	0.5%	\$615		
1BR Overall	\$17,670	\$44,500	24	427	100	327	7.3%	-		
2BR at 50% AMI	\$21,390	\$25,400	20	135	8	127	15.8%	\$530		
2BR at 60% AMI	\$24,690	\$30,480	21	130	27	103	20.4%	\$640		
2BR All LIHTC	\$21,390	\$30,480	41	199	35	164	25.0%	-		
2BR Unrestricted	\$22,050	\$50,800	5	372	6	366	1.4%	\$735		
2BR Overall	\$21,390	\$50,800	46	393	41	352	13.1%	-		
50% AMI Overall	\$17,670	\$25,400	32	281	42	239	13.4%	-		
60% AMI Overall	\$20,370	\$30,480	31	271	90	181	17.1%	-		
All LIHTC Overall	\$17,670	\$30,480	63	415	132	283	22.3%	-		
<b>Unrestricted Overall</b>	\$18,450	\$50,800	7	775	9	766	0.9%	-		

We believe these calculated capture rates are reasonable, particularly as these calculations do not consider demand from outside the PMA or standard rental household turnover. All capture rates are below the GA DCA thresholds.

820

679

10.3%

141

70

\$50,800

#### 7. Competitive Rental Analysis

Overall

Comparable properties are examined on the basis of physical characteristics, i.e. building type, age/quality, level of common amenities, absorption, as well as similarity in rent. We attempted to compare the Subject to complexes from the competing market to provide a broader picture of the health and available supply in the market. Our competitive survey includes nine "true" comparable properties containing 1,234 units. A detailed matrix describing the individual competitive properties as well as the proposed Subject is provided on the following pages. A map illustrating the location of the Subject in relation to comparable properties is also provided on the following pages. The properties are further profiled in the following write-ups. The property descriptions include information on vacancy, turnover, absorption, age, competition, and the general health of the rental market, when available.



The availability of LIHTC data is considered good. However, many of these properties have been excluded as comparables because they offer dissimilar styles, dissimilar unit mixes, rents at dissimilar levels of AMI, and are located further from the Subject than the selected comparables. We have included four senior LIHTC properties as comparables, two of which are located outside of the PMA. These are located within close proximity of the Subject and are included because they offer similar unit mixes, similar AMI levels, and targeted tenancy. The comparable LIHTC properties are located between 1.3 and 11.7 miles of the proposed Subject.

The availability of market-rate data is considered good. The Subject is located in Savannah, and there are several market-rate properties in the area. We have included five conventional properties in our analysis of the competitive market, one of which is a senior property. All of the market-rate properties are located in the PMA, between 0.6 and 5.4 miles from the Subject site. These comparables were built or renovated between 1983 and 2014. Overall, we believe the properties used in our analysis are the most comparable.

#### **Subject Proposed** Surveyed **Subject Rent Unit Type** Surveyed Min **Surveyed Max** Rent Average Advantage 1BR @ 50% (Lowrise) \$449 \$435 \$1,846 \$761 75% 1BR @ 50% (One-story) \$435 \$449 \$1,846 \$761 75% 81% 2BR @ 50% (Lowrise) \$530 \$520 \$2.527 \$960 1BR @ 60% (Lowrise) \$525 \$460 \$1,846 \$831 58% 1BR @ 60% (One-story) \$525 \$460 \$1,846 \$831 58% 2BR @ 60% (Lowrise) \$640 \$575 \$2,527 \$1,062 66% 1BR - Market Rate (Lowrise) \$529 \$924 50% \$615 \$1,846 \$529 50% 1BR - Market Rate (One-story) \$615 \$1,846 \$924 2BR - Market Rate (Lowrise) \$735 \$597 \$2,527 \$1,193 62%

#### SUBJECT COMPARISON TO COMPARABLE RENTS

As illustrated the Subject's proposed one-bedroom rents at 50 percent AMI are below the surveyed range and the surveyed average of the comparables. The Subject's one-bedroom rents at 60 percent AMI and twobedroom rents at 50 and 60 percent AMI are within the range of the comparables but well below the surveyed average. The Subject's proposed market rents are within the range of the comparable properties. Drayton Tower is achieving the highest one- and two-bedroom unrestricted rents in the market. Drayton Tower was most recently renovated in 2012 and exhibits good condition, which is slightly inferior to the anticipated condition of the Subject upon completion. This development's highrise-style design is also considered inferior to the Subject's lowrise and one-story design. Drayton Tower is located 1.3 miles northwest of the Subject and offers a similar location. Drayton Tower offers inferior amenities compared to the Subject's proposed amenities.

The Subject will be most similar to the market rate comparables Walden at Chatham Center and Veranda at Midtown. These properties were constructed in 2003 and 2005, respectively. Walden at Chatham Center was constructed in 2003 and exhibits good condition. It is located 4.8 miles from the Subject and offers a similar location to the Subject. This property offers slightly superior in-unit amenities and slightly superior property amenities in comparison to the Subject. Walden at Chatham Center offers a car wash, clubhouse/meeting room, garage parking, and a swimming pool, which the Subject lacks. Walden at Chatham Center offers unit sizes similar to the Subject, however. Veranda at Midtown was constructed in 2005 and exhibits good condition. It is located approximately 0.6 miles from the Subject in a similar location. This property offers slightly superior in-unit amenities and similar property amenities, including elevators, an exercise facility, and on-site management. Veranda at Midtown offers slightly smaller unit sizes than the Subject. Upon completion, the Subject will be superior to both Walden at Chatham Center and Veranda at Midtown with respect to age and condition. Overall, we believe that the Subject's proposed rents



are achievable in the market and will offer an advantage when compared to the average rents being achieved at comparable properties.

#### 8. Absorption/Stabilization Estimate

We were able to obtain absorption information from five of the comparable properties, which is illustrated following table.

Λ	RS	$\cap D$	DT	'n	N
Δ	<b>5</b> 51	UK	r	11 )	IN

Property Name	Occupancy Type	Tenancy	Year Built	Number of Units	Units Absorbed/ Month
Pinewood Village	LIHTC, Non-Rental	Senior	2014	64	21
Sheppard Station Apartments	LIHTC, Market	Senior	2009	69	12
Sisters Court Apartments	LIHTC, Non-Rental	Senior	1900/1999/2017	78	39
Sustainable Fellwood III	LIHTC, PBRA, Market	Senior	2012	100	30
The Fountains At Chatham Parkway	Market	Family	2008	352	<u>29</u>
				Average	26

Per DCA guidelines, we have calculated the absorption to 93 percent occupancy. The Subject is proposed construction of a senior 62+ LIHTC property. The average absorption pace at the comparable properties is 26 units per month. The newest senior LIHTC property in the PMA, Sisters Court Apartments, is experiencing an absorption pace of 39 units per month, which is faster than the average absorption pace of the comparables. At an absorption pace similar to that of Sisters Court Apartments the Subject could expect to reach 93 percent occupancy in approximately one to two months. Additional senior LIHTC development in the area – discussed in other sections of this study – may impact the Subject's absorption. At a more conservative absorption pace of 15 units per month, the Subject could expect to reach 93 percent occupancy in approximately four to five months. Per DCA guidelines, we have calculated the absorption to 93 percent occupancy.

#### 9. Overall Conclusion

Based upon our market research, demographic calculations and analysis, we believe there is adequate demand for the Subject property as proposed. Excluding the one LIHTC comparable that is still in its lease-up period, the LIHTC comparables are experiencing a weighted average vacancy rate of 1.3 percent, which is considered low. The LIHTC properties maintain waiting lists, and property managers at the LIHTC properties report high demand for affordable senior housing. Age-restricted properties in the PMA are performing well and report low vacancy rates and waiting lists. Furthermore, the senior population and senior households are expected to increase in the PMA through market entry and through 2021. These factors indicate demand for affordable senior housing. The Subject will offer generally slightly inferior to slightly superior inunit amenities in comparison to the LIHTC and market-rate comparable properties and slightly superior property amenities to both the LIHTC and market comparables. The Subject will offer handrails, microwaves, walk-in closets, a business center, community room and exercise facility which several of the comparable properties lack. Overall, we believe that the proposed amenities will allow the Subject to effectively compete in the senior LIHTC market. As new construction, the Subject will be in excellent condition upon completion and will be considered slightly superior to superior in terms of condition to all of the comparable properties. The Subject's proposed unit sizes will be competitive with the comparable properties and offer an advantage in the market. Three senior properties have been allocated LIHTC funding in the past three years, and may affect the Subject's absorption. However, given the Subject's anticipated superior condition relative to the competition and the demand for affordable housing evidenced by waiting lists and low vacancy at several LIHTC comparable properties, we believe that the Subject is feasible as proposed. We believe that it will not negatively impact the performance of the existing and allocated affordable senior properties in the area. We believe the Subject is feasible as proposed and will perform well.



					Sun	nmary Ta	able:					
			(must b	oe comple			able: luded in the ex	ecutive sun	nmary)			
Development Na	ame: Live Oa	Landing									Total #	Units: 70
Location:	1210 Wh	eaton Street								#	# LIHTC Un	its: <b>63</b>
	Savannal	, Chatham (	County 3	1404								
PMA Boundary	: North: S	ıvannah Riv	er: East: 1	marshland	: South: Harry	S Truman 1	Parkwav and I	Frontage Dr	rive; West: West M	ontgomery	Cross Road.	
-	d, and Highway 17		,				thest Boundar					7.8 miles
				Rental 1	Housing S to	ck (found on	page 48 to 8	2)				
	Type		# Pı	roperties	ŧ	Total Uni	its	Vacant	Units	Av	verage Occu	pancy
	All Rental Housing			56		6,470		52	2		99.2%	
	Market-Rate Housing			31		4,167		98	3		97.7%	
Assisted/Subs	dized Housing not to include LI	НТС		15		1,372		0			100.0%	
	LIHTC			23		2,410		10	6		95.6%	
	Stabilized Comps			53		6,069		52	2		99.1%	
Properti	es in Construction & Lease Up			5		401		N/A	хp		N/Ap	
*Only includes p	properties in PMA											
	Subject Dev	elopment					Ave	rage Mark	et Rent*		_	adjusted Com Rent
# Units	# Bedrooms	# Baths	Size (	SE) T	Proposed enant Rent	Per Unit	Pe	r SF	Advanta	nge	Per Unit	Per SF
6	1BR at 50% AMI	1	690		\$435	\$761	S	1.10	75%		\$2,000	\$2.98
6	1BR at 50% AMI	1	750		\$435	\$761		1.01	75%		\$2,000	\$2.98
20	2BR at 50% AMI	1	880	)	\$530	\$960	\$	1.09	81%		\$2,708	\$3.00
5	1BR at 60% AMI	1	690	)	\$525	\$831	\$	1.20	58%		\$2,000	\$2.98
5	1BR at 60% AMI	1	750	)	\$525	\$831	\$	1.11	58%		\$2,000	\$2.98
21	2BR at 60% AMI	1	880	)	\$640	\$1,062	\$	1.21	66%		\$2,708	\$3.00
1	1BR Market Rate	1	690	_	\$615	\$924		1.34	50%		\$2,000	\$2.98
1	1BR Market Rate	1	750		\$615	\$924		1.23	50%		\$2,000	\$2.98
5	2BR Market Rate	1	880		\$735 mographic D	\$1,193		1.36	62%		\$2,708	\$3.00
				De	2010	ata (Tound C	on page 32)	2017			July 20	19
Renter Househo	lds			3,593	31.6%		4,813	<u> </u>	36.4%	5,130		36.9%
Income-Qualified	d Renter HHs (LIHTC)			1,307	36.4%		1,751		36.4%	1,867		36.4%
		Targete	ed Incom			ousehold D	emand (foun	d on pages				
	Type of Demand			50%	6	0%	All LIHT	гс	Market-rate	Oth	er:	Overall*
Renter Househo		•		23		21	33		69		-	73
Existing Households (Overburdened + Substandard)					:	325	499		929		-	984
Homeowner conversion (Seniors)						6	6		9	_	-	9
	Market Demand e/Competitive Supply			366		352	539		1,007	-	-	1,066
•	e-qualified Renter HHs**			42	_	90	132 <b>407</b>		9	_	-	141
rajusteu meen	quanticu miner mils			324	Capture Rate	262 s (found on			998		-	925
	Targeted Population				50%	60%	All LI	HTC	Market-rate	0	ther:	Overall
	Targetta i oparation				-370	0070	An La		market-rate	U		Orcian

13.4%

17.1%

22.3%

0.9%

Capture Rate:



10.3%

<sup>\*</sup>Includes LIHTC and unrestricted (when applicable)

<sup>\*\*</sup>Not adjusted for demand by bedroom-type.



#### **PROJECT DESCRIPTION**

1. Project Address and The Subject site is located at 1210 Wheaton Street in Savannah, **Development Location:** 

Chatham County, Georgia 31404. The Subject site is currently

vacant.

2. Construction Type: The Subject will consist of one, three-story lowrise building and 12

one-story units. The Subject will be new construction.

Seniors 62 and older. 3. Occupancy Type:

4. Special Population Target: None.

5. Number of Units by Bedroom See following property profile.

Type and AMI Level:

6. Unit Size, Number of Bedrooms See following property profile.

and Structure Type:

7. Rents and Utility Allowances: See following property profile.

8. Existing or Proposed Project-**Based Rental Assistance:** 

See following property profile.

9. Proposed Development

Amenities:

See following property profile.



#### Live Oak Landing

Location 1210 Wheaton Street

Savannah, GA 31404 Chatham County

County

Units 70

Type Various (age-restricted)
Tenant Characteristics Seniors age 62 and older



#### Utilities

A/C not included – central Other Electric not included Cooking not included – electric Water not included Water Heat not included - electric Sewer not included not included - electric Trash Collection included Heat

	Unit Mix (face rent)										
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max rent?
1	1	Lowrise	6	690	\$435	\$0	@50%	n/a	N/A	N/A	no
1	1	Lowrise	5	690	\$525	\$0	@60%	n/a	N/A	N/A	no
1	1	Lowrise	1	690	\$615	\$0	Market	n/a	N/A	N/A	N/A
1	1	One-story	6	750	\$435	\$0	@50%	n/a	N/A	N/A	no
1	1	One-story	5	750	\$525	\$0	@60%	n/a	N/A	N/A	no
1	1	One-story	1	750	\$615	\$0	Market	n/a	N/A	N/A	N/A
2	1	Lowrise	20	880	\$530	\$0	@50%	n/a	N/A	N/A	no
2	1	Lowrise	21	880	\$640	\$0	@60%	n/a	N/A	N/A	no
2	1	Lowrise	5	880	\$735	\$0	Market	n/a	N/A	N/A	N/A

#### Amenities

		Amemico	
In-Unit	Blinds	Property	Parking spaces: 123
	Central A/C		Business Center/Computer Lab
	Dishwasher		Central Laundry
	Ceiling Fan		Courtyard
	Garbage Disposal		Elevators
	Hand Rails		Exercise Facility
	Microwave		On-Site Management
	Oven		Picnic Area
	Refrigerator		Wi-Fi
	Walk-In Closet		
	Washer/Dryer hookup		
Security	none	Premium	none
Services	none	Other	none

#### Comments

Additional amenities include a library and a covered porch. Adult education includes computer, wellness, and aerobics classes.

The property will not include any security features. The one and two-bedroom unit allowances are \$154 and \$183, respectively.



**10. Scope of Renovations:** The Subject will be new construction.

**11. Placed in Service Date:** According to the client, construction on the Subject is anticipated to

begin July 2018 with an anticipated completion date of July 2019.

Conclusion: As new construction, the proposed Subject will be an excellent

quality senior multifamily development. The Subject will not suffer from deferred maintenance, functional obsolescence, or physical

obsolescence.



**1. Date of Site Visit and Name of** Abby Cohen visited the site on April 22, 2017. **Inspector:** 

**2. Physical Features of the Site:** The following illustrates the physical features of the site.

**Frontage:** The Subject site has frontage along Wheaton Street.

Visibility/Views: The Subject site is located on Wheaton Street. The Subject site has

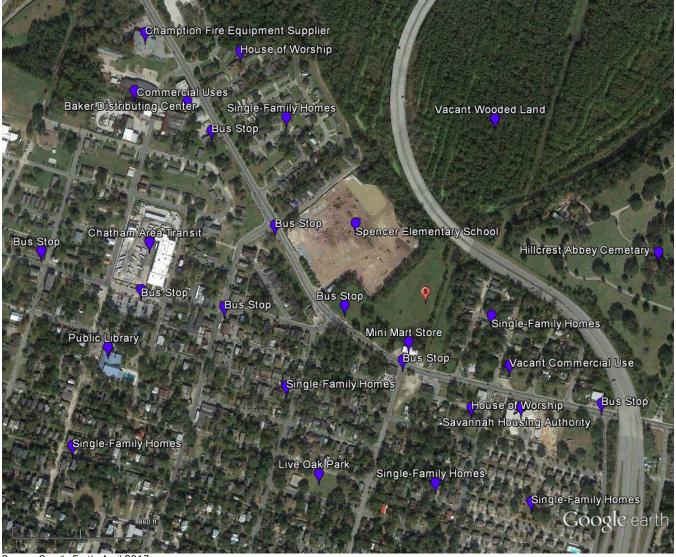
excellent visibility from the northern side of Wheaton Street and the southern side of Harry S Truman Parkway. To the north, views consist of Harry S Truman Parkway and vacant wooded land. To the east, views consist of single-family homes in average to good condition. To the west, views consist of Spencer Elementary School. To the south, views consist of commercial uses as well as single-family homes in average to good condition. Overall, visibility is

considered excellent and views are considered good.



#### Surrounding Uses:

The following map illustrates the surrounding land uses.



Source: Google Earth, April 2017.

The Subject site is located on the north side of Wheaton Street. The Subject site is currently vacant land. The Subject site is in a mixed-use neighborhood that consists of residential, commercial, and school uses. Immediately north of the Subject site is the Harry S Truman Parkway, which provides north/south access across the eastern portion of Savannah. Slightly past the Harry S Truman Parkway there is vacant wooded land. Immediately west of the Subject site is Spencer Elementary School. Immediately east of the Subject site, there are single-family homes in average to good condition. Immediately south of the Subject site, there is a commercial use in average condition and a bus stop, followed by single-family homes in average to good condition. Additionally, Live Oak Park is located approximately 0.3 miles south of the Subject site. The Subject site's neighborhood is considered "Somewhat

Walkable" by Walk Score with a rating of 54 out of 100, indicating that some errands can be accessed on foot. The Subject site is located in a neighborhood with excellent access to public transportation with the closest bus stop being located immediately in front of the site, on Wheaton Street. The Subject site is considered a desirable building site for senior rental housing. The Subject site is located in a mixed-use neighborhood. The uses surrounding the Subject are in average to good condition. The locational amenities, which are within close proximity, are all located within 2.9 miles of the Subject site.

Positive/Negative Attributes of Site:

A positive attribute of the Subject site's neighborhood is that all of the locational amenities are located within 2.9 miles of the Subject site and within close proximity of the Subject site. The Subject site has excellent access to public transportation and easy access to Harry S Truman Parkway. We did not observe negative attributes in the Subject site's neighborhood.

3. Physical Proximity to Locational Amenities:

The Subject site is located within 2.9 miles of all locational amenities.

4. Pictures of Site and Adjacent Uses:

The following are pictures of the Subject site and adjacent uses.





Subject site

Subject site



View east on Wheaton Street



View west on Wheaton Street



Housing Authority of Savannah under construction in the Subject's neighborhood



Liquor store south of Subject site



Vacant commercial building in the Subject's neighborhood



Commercial use in the Subject's neighborhood



Public housing in the Subject's neighborhood



Ongoing construction of Hitch Village (excluded)



Vacant land in the Subject's neighborhood



Vacant commercial use south of Subject site



Single family home in the Subject's nieghborhood



Single family home in the Subject's nieghborhood



Public housing the Subject's neighborhood



Commercial use in the Subject's neighborhood



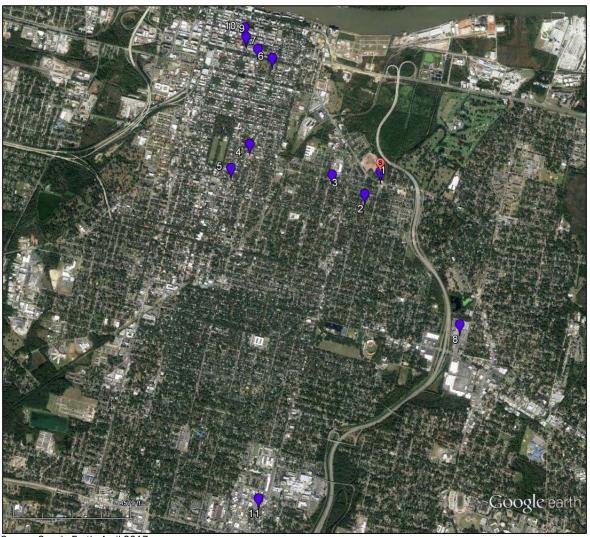
Chatham County Department of Child and Family Services in the Subject's neighborhood



Commercial use in the Subject's neighborhood

#### 5. Proximity to Locational Amenities:

The following table details the Subject site's distance from key locational amenities.



Source: Google Earth, April 2017.

#### **LOCATIONAL AMENITIES**

Number	Service or Amenity	Distance from Subject
1	Bus Stop	<0.1 miles
2	Live Oak Park	0.3 miles
3	Public Library	0.5 miles
4	Kroger Grocery Store	1.0 miles
5	Gas Station	1.3 miles
6	Savannah - Chatham Police Department	1.3 miles
7	Savannah Fire Department	1.5 miles
8	U.S. Post Office	1.6 miles
9	Wells Fargo Bank	1.7 miles
10	CVS Pharmacy	1.8 miles
11	Memorial University Medical Center	2.9 miles

#### 6. Description of Land Uses

The Subject site is located on the north side of Wheaton Street in a mixed-use neighborhood. The Subject site is currently vacant land. The majority of uses in the immediate neighborhood consist of residential and commercial uses, as well as schools. The residential and commercial uses in the Subject site's neighborhood are in average to good condition. The commercial uses appear to be approximately 80 percent occupied. All locational amenities are located within 2.9 miles of the Subject site. The Subject site has excellent access from Wheaton Street, which is a moderatelytrafficked road that intersects with Harry S Truman Parkway. Harry S Truman Parkway provides north/south access across the eastern side of Savannah. The Subject site is considered "Somewhat-Walkable" by Walk Score with a rating of 54 out of 100. The neighborhood has excellent access to public transportation, with the closest bus stop being located immediately in front of the Subject site on Wheaton Street. The Subject site is considered a desirable building site for senior rental housing. The Subject is located in a mixed-use neighborhood. The uses surrounding the Subject are in average to good condition and the site has good proximity to locational amenities, which are within 2.9 miles of the Subject site.

#### 7. Crime:

The following table illustrates crime indices in the Subject's PMA compared to the MSA.

2017 CRIME INDICES

	PMA	Savannah, GA MSA
Total Crime*	187	153
Personal Crime*	162	123
Murder	316	221
Rape	96	82
Robbery	295	205
Assault	101	86
Property Crime*	191	157
Burglary	200	164
Larceny	189	157
Motor Vehicle Theft	172	146

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017

The PMA has a significantly higher total crime index than the MSA and nation. The proposed Subject will not offer any security features. It is important to note that all comparable properties offer one or two security features, with the exception of Pinewood Village. The lack of security features at Pinewood Village has not impacted the performance of the development, as it is currently 100 percent occupied and maintains a waiting list that is over 150 households in length, according to the property manager. We believe the Subject's lack of security features will not be a detriment, however we recommend their inclusion.

<sup>\*</sup>Unweighted aggregations

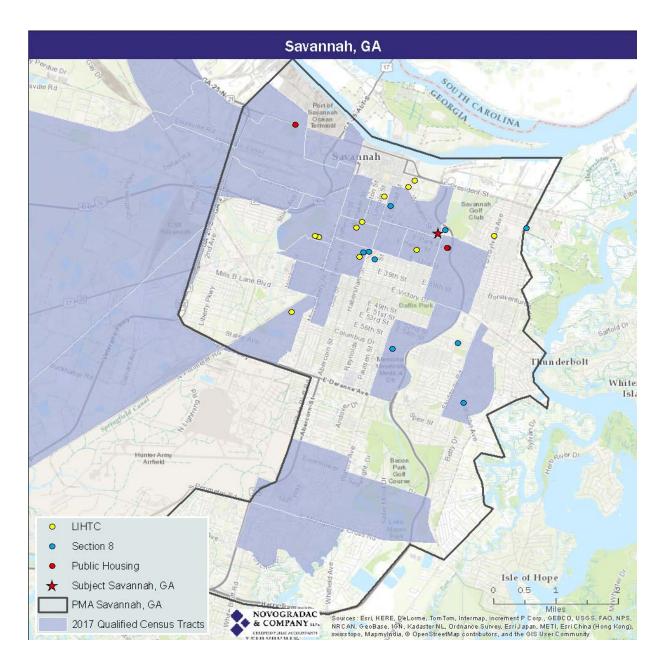
8. Existing Assisted Rental Housing Property Map:

The following map and list identifies all assisted rental housing properties in the PMA.

#### AFFORDABLE PROPERTIES IN THE PMA

AFFORDABLE PROPERTIES IN THE PMA										
Property Name	Program	Location	Tenancy	# of Units	Distance from Subject	Map Color				
Live Oak Landing	LIHTC/Market	Savannah	Senior	70	-	Star				
Romana - Riley Lofts	LIHTC	Savannah	Senior	57	0.8 miles					
Savannah Gardens III	LIHTC	Savannah	Family	94	1.1 miles					
Heritage Place	LIHTC	Savannah	Family	88	2.6 miles					
Heritage Corner & Heritage Row	LIHTC	Savannah	Family	72	2.5 miles					
Hitch Village Phase I	LIHTC	Savannah	Family	72	0.9 miles					
Hitch Village Phase II	LIHTC	Savannah	Family	100	1.1 miles					
Montgomery Landing	LIHTC	Savannah	Family	144	3.8 miles					
Savannah Gardens V	LIHTC	Savannah	Family	76	1.1 miles					
Savannah Gardens II	LIHTC	Savannah	Senior	39	1.1 miles					
Rose of Sharon	LIHTC	Savannah	Senior	206	1.4 miles					
Savannah Gardens I	LIHTC	Savannah	Family	115	1.1 miles					
Sister's Court Apartments	LIHTC/HOME	Savannah	Senior	78	1.9 miles					
Pinewood Village	LIHTC/HOME	Pooler	Senior	64	10.7 miles					
Sheppard Station Apartments	LIHTC/HOME/Market	Pooler	Senior	69	11.7 miles					
Sustainable Fellwood I	LIHTC/PHA/Market	Savannah	Family	110	3.4 miles					
Sustainable Fellwood II	LIHTC/PHA/Market	Savannah	Family	110	3.4 miles					
Sustainable Fellwood III	LIHTC/PHA/Market	Savannah	Senior	100	3.4 miles					
Ashley Midtown I	LIHTC/PHA/Market	Savannah	Family	166	0.4 miles					
Ashley Midtown II	LIHTC/PHA/Market	Savannah	Family	38	0.4 miles					
SNAP I, II, III	LIHTC/Section 8	Savannah	Family	191	1.6 miles					
Telfair Arms	LIHTC/Section 8	Savannah	Senior	52	1.4 miles					
Savannah Gardens IV	LIHTC/Market	Savannah	Family	114	1.1 miles					
Cars V Inc	Section 8	Savannah	Disabled	5	2.4 miles					
Chatham Assoc For Res Sev Inc I	Section 8	Savannah	Disabled	16	0.2 miles					
Chatham Assoc For Res Sev Inc II	Section 8	Savannah	Disabled	5	2.5 miles					
Georgia Infirmary A/ Habersham Place	Section 8	Savannah	Disabled	11	1.6 miles					
Georgia Infirmary B/ Habersham Place	Section 8	Savannah	Disabled	13	1.7 miles					
Ponderosa Forest Apts	Section 8	Savannah	Family	56	3.3 miles					
Presidential Plaza I	Section 8	Savannah	Family	116	1.8 miles					
St. Johns Villa Apartments	Section 8	Savannah	Senior	19	1.1 miles					
Presidential Plaza II	Section 8	Savannah	Family	116	1.8 miles					
Thomas Francis Williams Court Apts	Section 8	Savannah	Senior	151	1.8 miles					
East Broad Apartments	Public Housing	Savannah	Family	69	1.8 miles					





- 9. Road, Infrastructure or Proposed Improvements:
- 10. Access, Ingress-Egress and Visibility of Site:

We did not witness any road, infrastructure or proposed improvements during our field work.

The Subject site can be accessed from Wheaton Street. Wheaton Street intersects with Harry S Truman Parkway approximately 0.3 miles east of the Subject site. Harry S Truman Parkway provides north/south access in the eastern portion of Savannah. The Subject site has excellent visibility from both Wheaton Street and Harry S Truman Parkway. Overall, access, ingress-egress, and visibility are considered excellent.

#### 11. Conclusion:

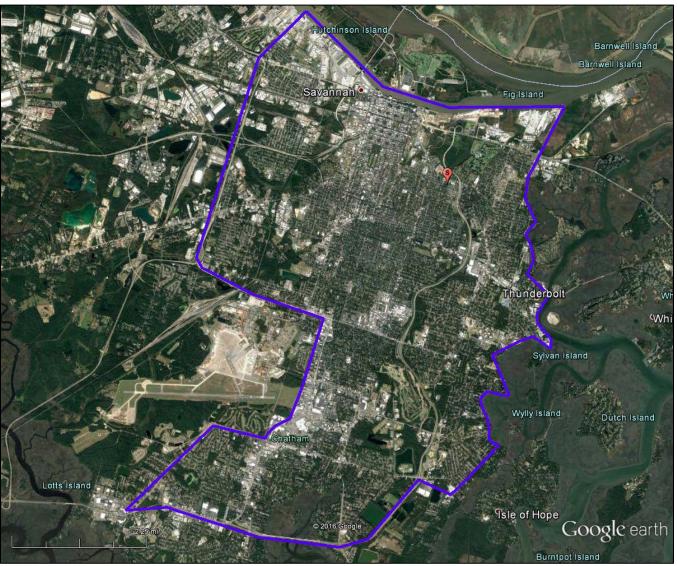
The Subject site is located on the north side of Wheaton Street. The Subject site is currently vacant land. The Subject site has excellent visibility and accessibility from Wheaton Street and Harry S Truman Parkway. The immediate neighborhood consists primarily of residential and commercial uses that are in average to good condition. The commercial uses in the immediate neighborhood appear to be approximately 80 percent occupied. The Subject site is considered "Somewhat-Walkable" by Walk Score with a rating of 54 out of 100. The total crime indices in the Subject's area are above those of the MSA and nation. The proposed Subject will not offer any security features. It is important to note that all comparable properties offer one or two security features, with the exception of Pinewood Village. The lack of security features at Pinewood Village has not impacted the performance of the development, as it is currently 100 percent occupied and maintains a waiting list that is over 150 households in length, according to the property manager. We believe the Subject's lack of security features will not be a detriment, however we recommend their inclusion. The Subject site is considered a desirable building site for senior rental housing. The uses surrounding the Subject are in average to good condition and the site has good proximity to locational amenities, which are within 2.9 miles of the Subject site.



#### **PRIMARY MARKET AREA**

For the purpose of this study, it is necessary to define the market area, or the area from which potential tenants for the project are likely to be drawn. In some areas, residents are very much "neighborhood oriented" and are generally very reluctant to move from the area where they have grown up. In other areas, residents are much more mobile and will relocate to a completely new area, especially if there is an attraction such as affordable housing at below market rents.

#### **Primary Market Area Map**



Source: Google Earth, April 2017.

The following sections will provide an analysis of the demographic characteristics within the market area. Data such as population, households and growth patterns will be studied, to determine if the Primary Market Area (PMA) and the Savannah, GA MSA are areas of growth or contraction.

The PMA includes the cities of Savannah, Thunderbolt, Chatham, and parts of Wylly Island. This area is bound by the Savannah River to the north, marshland to the east, Harry S Truman Parkway and Frontage Drive to the south, and Middleground Road, West Montgomery Cross Road, White Bluff Road, and Highway 17 to the west. Hunter Army Airfield abuts the PMA to the west. The distances from the Subject to the farthest boundaries of the PMA in each direction are listed as follows:

North: 3.5 miles East: 3.4 miles South: 7.8 miles West: 5.3 miles

The determination of this market area was influenced by conversations with surveyed property managers, who reported that the majority of rental traffic originates from throughout Chatham County. The Secondary Market Area (SMA) is determined to be the Savannah, Georgia Metropolitan Statistical Area (MSA), which consists of Chatham, Effingham, and Bryan Counties in southeast Georgia and encompasses approximately 1,569 square miles.

## E. COMMUNITY DEMOGRAPHIC DATA

#### **COMMUNITY DEMOGRAPHIC DATA**

The following sections will provide an analysis of the demographic characteristics within the market area. Data such as population, households and growth patterns will be studied to determine if the Primary Market Area (PMA) and Chatham County are areas of growth or contraction. The discussions will also describe typical household size and will provide a picture of the health of the community and the economy. The following demographic tables are specific to the populations of the PMA and the Savannah, GA MSA.

#### 1. Population Trends

The following tables illustrate (a) Total Population, (b) Population by Age Group, and (c) Number of Elderly and Non-Elderly within the population in the PMA, MSA, and nation from 2000 through 2017, as well as the projections for market-entry and 2021.

#### 1a. Total Population

The following table illustrates the total population within the PMA, MSA, and nation from 2000 through 2017, as well as the projections for market entry and 2021.

#### **POPULATION**

Year	PMA		Savann	ah, GA MSA	USA		
	Number	Annual Change	Number	Annual Change	Number	Annual Change	
2000	118,106	-	292,894	-	281,421,906	-	
2010	111,820	-0.5%	347,611	1.9%	308,745,538	1.0%	
2017	117,314	0.3%	381,794	0.6%	323,580,626	0.3%	
Projected Mkt Entry July 2019	120,169	1.0%	396,809	1.6%	330,453,372	0.8%	
2021	123,024	1.0%	411,824	1.6%	337,326,118	0.8%	

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017

Between 2000 and 2017, the PMA experienced a modest population growth, when compared to the MSA and nation. Through 2021, the population in the PMA is projected to grow at a faster rate than it was previously growing. The population in the PMA is projected to grow at a rate slower than the MSA, but faster than the nation. The projected population growth in the PMA and MSA is a positive indicator of the demand for rental in the local area.

#### **1b. Total Population by Age Group**

The following tables illustrate the total population by age group within the PMA and MSA from 2000 to 2017, as well as the projections for market entry and 2021.

**POPULATION BY AGE GROUP** 

PMA						
Age Cohort	2000	2010	2017	Projected Mkt Entry July 2019	2021	
0-4	8,254	7,774	7,659	7,805	7,950	
5-9	8,761	6,831	7,138	7,192	7,246	
10-14	8,641	6,271	6,655	6,839	7,023	
15-19	9,012	9,159	8,615	8,744	8,873	
20-24	10,618	12,633	12,486	12,238	11,990	
25-29	9,072	9,424	9,898	9,934	9,970	
30-34	7,812	7,197	8,216	8,481	8,746	
35-39	8,084	6,021	6,555	6,972	7,389	
40-44	8,075	6,028	6,000	6,263	6,525	
45-49	7,243	6,836	6,219	6,201	6,183	
50-54	6,738	7,060	6,786	6,615	6,444	
55-59	5,156	6,445	7,105	7,031	6,957	
60-64	4,329	5,760	6,601	6,961	7,320	
65-69	4,013	4,112	5,616	5,968	6,319	
70-74	3,924	3,062	4,105	4,709	5,312	
75-79	3,587	2,629	2,839	3,237	3,635	
80-84	2,522	2,153	2,169	2,267	2,365	
85+	2,267	2,425	2,651	2,715	2,778	
Total	118,108	111,820	117,313	120,169	123,025	

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017

**POPULATION BY AGE GROUP** 

Savannah, GA MSA						
Age Cohort	2000	2010	2017	Projected Mkt Entry July 2019	2021	
0-4	20,316	24,397	25,289	26,180	27,071	
5-9	21,766	23,127	25,140	25,831	26,521	
10-14	21,869	22,259	24,194	25,513	26,832	
15-19	21,437	25,654	25,746	26,727	27,708	
20-24	22,164	29,851	30,527	30,189	29,850	
25-29	21,488	27,551	29,257	29,427	29,597	
30-34	20,655	23,776	28,379	29,630	30,881	
35-39	22,965	22,254	24,856	27,229	29,602	
40-44	22,871	21,921	23,530	24,698	25,865	
45-49	20,020	24,006	22,894	23,200	23,506	
50-54	18,022	23,654	24,352	23,801	23,250	
55-59	13,752	20,625	24,246	24,179	24,111	
60-64	11,097	18,194	21,424	22,767	24,110	
65-69	9,551	13,313	18,385	19,587	20,789	
70-74	8,909	9,425	13,122	15,167	17,211	
75-79	7,370	7,098	8,720	10,084	11,447	
80-84	4,741	5,448	5,826	6,391	6,956	
85+	3,901	5,058	5,907	6,212	6,517	
Total	292,894	347,611	381,794	396,809	411,824	

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017



The age cohort with the largest population in the PMA is 20 to 24 years old, followed by 25 to 29 and 30 to 34, which indicates a large population of young adults in the local area.

#### 1c. Number of Elderly and Non-Elderly

The following table illustrates the elderly and non-elderly population within the PMA and MSA from 2000 through 2017, as well as the projections for market entry and 2021.

#### NUMBER OF ELDERLY AND NON-ELDERLY

	PMA			Savannah, GA MSA		
Year	Total	Non-Elderly	Elderly (62+)	Total	Non-Elderly	Elderly (62+)
2000	118,106	92,308	18,910	292,894	233,573	41,130
2010	111,820	85,234	17,837	347,611	268,450	51,258
2017	117,314	86,228	21,341	381,794	284,164	64,814
Projected Mkt Entry July 2019	120,169	87,283	23,071	396,809	292,424	71,100
2021	123,024	88,338	24,801	411,824	300,683	77,386

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017

Between 2000 and 2017, the elderly population in the PMA and MSA has grown significantly and is projected to continue growing through market entry. The projected elderly population growth in the PMA and MSA is a positive indicator for the demand for senior rental units in the area.

#### 2. Household Trends

The following tables illustrate (a) Total Households and Average Household Size, (b) Household Tenure, (c) Households by Income, (d) Renter Households by Size, (e) Elderly Households 62+ and (f) Housing for Older Persons Households 55+ within the population in the PMA, MSA, and nation from 2000 through 2017, as well as the projections for market entry and 2021.

#### 2a. Total Number of Households and Average Household Size

The following tables illustrate the total number of senior households and average household size within the PMA, MSA, and nation from 2000 through 2017, as well as the projections for market-entry and 2021.

HOUSEHOLDS WITH SENIOR HOUSEHOLDER. 62+

11000=110=20 111111 0=111011 11000=110=211, 0= 1							
Year	PI	PMA		Savannah, GA MSA		USA	
	Number	Annual	Number	Annual	Number	Annual	
2000	13,134	-	27,206	-	26,202,060	-	
2010	11,369	-1.3%	30,747	1.3%	30,451,108	1.6%	
2017	13,214	0.9%	42,588	2.2%	37,341,086	1.3%	
Projected Mkt Entry July 2019	13,894	2.1%	44,169	1.5%	39,869,663	2.7%	
2021	14,574	2.1%	45,751	1.5%	42,398,240	2.7%	

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017



#### **AVERAGE HOUSEHOLD SIZE**

Year	PMA		Savannah, GA MSA		USA	
	Number	Annual Change	Number	Annual Change	Number	Annual Change
2000	2.46	-	2.56	-	2.59	-
2010	2.40	-0.2%	2.53	-0.1%	2.58	-0.1%
2017	2.43	0.1%	2.57	0.1%	2.59	0.0%
Projected Mkt Entry July 2019	2.44	0.1%	2.58	0.1%	2.59	0.1%
2021	2.44	0.1%	2.58	0.1%	2.60	0.1%

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017

Between 2010 and 2017, the PMA has experienced modest senior household growth. It is important to note that the PMA experienced a decline in senior households from 2000 to 2010 and then increased modestly and at a faster rate than the MSA and nation from 2010 to 2017. Through market entry, senior households in the PMA are projected to grow at a slower rate than the MSA, but slower rate than the nation. The PMA has a smaller average household size than the MSA and nation. Through market entry, the average household size in all three areas of analysis is projected to grow 10 basis points annually.

#### 2b. Households by Tenure

The following tables illustrate household tenure patterns from 2000 through 2017, as well as the projections for market entry and 2021.

PMA TENURE PATTERNS OF SENIORS 62+

Year	Owner-Occupied Units	Percentage Owner- Occupied	Renter-Occupied Units	Percentage Renter- Occupied
2000	9,261	70.5%	3,873	29.5%
2017	8,401	63.6%	4,813	36.4%
Projected Mkt Entry July 2019	8,764	63.1%	5,130	36.9%
2021	9,128	62.6%	5,447	37.4%

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017

Between 2000 and 2017, the PMA has experienced a significant growth in the share of renter households and currently has a higher share of renter households than homeowners. Nationally, approximately two-thirds of the population resides in owner-occupied housing units, and one-third resides in renter-occupied housing units, which indicates that the PMA has a significantly higher share of renter households than the nation.



# 2c. Household Income

The following table illustrates renter household income in the PMA and MSA in 2017, market entry, and 2021.

RENTER HOUSEHOLD INCOME DISTRIBUTION - PMA, 62+

Income Cohort	2017		Projected Mk	Projected Mkt Entry July 2019		2021	
	Number	Percentage	Number	Percentage	Number	Percentage	
\$0-9,999	811	16.8%	851	16.6%	891	16.4%	
\$10,000-19,999	1,243	25.8%	1,291	25.2%	1,340	24.6%	
\$20,000-29,999	575	11.9%	596	11.6%	618	11.3%	
\$30,000-39,999	513	10.7%	528	10.3%	542	10.0%	
\$40,000-49,999	351	7.3%	375	7.3%	398	7.3%	
\$50,000-59,999	287	6.0%	314	6.1%	340	6.2%	
\$60,000-74,999	246	5.1%	270	5.3%	294	5.4%	
\$75,000-99,999	272	5.7%	305	5.9%	337	6.2%	
\$100,000-124,999	246	5.1%	276	5.4%	307	5.6%	
\$125,000-149,999	112	2.3%	131	2.6%	151	2.8%	
\$150,000-199,999	85	1.8%	103	2.0%	121	2.2%	
\$200,000+	72	1.5%	90	1.7%	107	2.0%	
Total	4,813	100.0%	5,130	100.0%	5,447	100.0%	

Source: HISTA Data / Ribbon Demographics 2017, Novogradac & Company LLP, April 2017

RENTER HOUSEHOLD INCOME DISTRIBUTION - Savannah, GA MSA, 62+

Income Cohort	2017		Projected Mkt Entry July 2019		2021	
	Number	Percentage	Number	Percentage	Number	Percentage
\$0-9,999	1,277	11.5%	1,325	11.5%	1,372	11.5%
\$10,000-19,999	2,186	19.8%	2,268	19.8%	2,349	19.8%
\$20,000-29,999	1,280	11.6%	1,328	11.6%	1,375	11.6%
\$30,000-39,999	1,291	11.7%	1,339	11.7%	1,387	11.7%
\$40,000-49,999	944	8.5%	979	8.5%	1,014	8.5%
\$50,000-59,999	712	6.4%	738	6.4%	765	6.4%
\$60,000-74,999	756	6.8%	784	6.8%	812	6.8%
\$75,000-99,999	792	7.2%	821	7.2%	851	7.2%
\$100,000-124,999	678	6.1%	703	6.1%	728	6.1%
\$125,000-149,999	461	4.2%	479	4.2%	496	4.2%
\$150,000-199,999	310	2.8%	321	2.8%	333	2.8%
\$200,000+	372	3.4%	386	3.4%	400	3.4%
Total	11,059	100.0%	11,471	100.0%	11,882	100.0%

Source: HISTA Data / Ribbon Demographics 2017, Novogradac & Company LLP, April 2017

Approximately 38 percent of senior renter households in the PMA earn between \$10,000 and \$30,000 annually. This percentage is expected to remain stable through market entry and through 2021. Income limits for the LIHTC units will range from \$17,670 to \$30,480 as proposed. Income limits for the Subject's unrestricted market rate units will range from \$18,450 to \$50,800. A significant portion of senior renter households are likely to income qualify to reside at one of the Subject's unit types, and the Subject should be well-positioned to service this market. The large percentage of senior households earning among the lowest income cohorts demonstrates a strong need for quality affordable housing.



# 2d. Renter Households by Number of Persons in the Household

The following tables illustrate the renter households by number of persons in 2017, market entry, and 2021. To determine the number of renter households by number of persons per household, the total number of households is adjusted by the percentage of renter households.

RENTER HOUSEHOLDS BY NUMBER OF PERSONS - PMA, 62+

Household Size	2017		Projected Mkt Entry July 2019		2021	
	Number	Percentage	Number	Percentage	Number	Percentage
1 Person	2,888	60%	3,115	62%	3,342	65%
2 Persons	1,000	21%	1,063	21%	1,127	22%
3 Persons	361	8%	383	8%	405	8%
4 Persons	275	6%	276	6%	276	5%
5+ Persons	288	6%	148	3%	8	0%
Total Households	4,813	100%	4,985	100%	5,158	100%

Source: HISTA Data / Ribbon Demographics 2017, Novogradac & Company LLP, April 2017

The majority of senior renter households in the PMA are one and two-person households. It is important to note that approximately 60 percent of senior renter households are one-person households in the PMA.

#### Conclusion

The PMA has experienced modest senior population and household growth between 2010 and 2017, and is projected to continue experiencing growth. Through market entry, senior population and households in the PMA are projected to grow at a faster rate than the MSA, but slower rate than the nation. The majority of senior renter households in the PMA are one and two-person households. The PMA has a higher share of renter households than the nation, which is in contrast to the national tenure patterns where approximately two-thirds of the households are homeowners and one third of households are renter households. The majority of senior renter households in the PMA have an annual income in the four lowest income cohorts, which ranges from \$0 to \$39,999. The proposed Subject's affordable units will be restricted to seniors with an annual income between \$17,670 and \$30,480. Income limits for the Subject's unrestricted market rate units will range from \$18,450 to \$50,800. Overall, while population growth has been modest, the concentration of senior renter households at the lowest income cohorts indicates significant demand for affordable rental housing in the market.





# **Employment Trends**

The Subject site is located in Savannah, Chatham County, GA. The Savannah, GA MSA consists of Bryan, Chatham, and Effingham Counties. According to the Savannah Area Chamber's Savannah 2017 Economic Trends report, the Savannah, GA MSA will experience a rise in employment of 3.5 percent or 6,300 jobs in 2017, which is a similar growth rate as the past few years. The Savannah, GA MSA economy is diverse and stable and is projected to grow 2017.

The Georgia Port Authority (GPA), which manages the Port of Brunswick and the Port of Savannah, has a significant impact on the local and state economy. The GPA currently employs approximately 369,193 individuals throughout the state of Georgia, which equates to 7.2 percent of the state's total employment. According to the GPA's website, the GPA contributes approximately \$33.2 billion, or 7.2 percent, to the state's GDP.

The Port of Savannah consists of two deepwater terminals: the Garden City Terminal and the Ocean City Terminal. The Garden City Terminal is the fourth busiest port in the nation and is located approximately 7.3 miles northwest of the Subject site. The Port of Savannah offers customers a number of competitive advantages, with one of the most significant being its convenient location. The Port of Savannah is located within 100 miles of Atlanta, GA, within six miles of Interstates 95 and 16, and has two railroad sites on-site, which facilitate the transportation of products to the rest of the nation. According to a press release article on the GPA website titled "Strong demand drives record growth," dated April 11, 2017, the GPA experienced their busiest March ever, achieving a 5.6 percent growth in twenty-foot equivalent containers. According to Griff Lynch, GPA Executive Director, the GPA has been experiencing historical growth levels is due to the strong demand of retail and manufacturing customers, both in the nation and internationally. He states that "as the existing port users expand their trade through our terminals and new customers tap into Georgia's connectivity to major population centers across the Southeast, we expect to see additional job and economic development opportunities for our region," which indicates that the GPA has a positive outlook on the future. The Savannah Harbor Expansion Project (SHEP) is currently under-construction after more than 15 years of study, according to the GPA website's description of the project. The construction will deepen the 18.5-mile outer harbor to 49 feet at mean low water and the Savannah River channel to 47 feet and is anticipated to be completed between 2019 and 2020. The purpose of this expansion is to allow the GPA to more efficiently serve the larger vessels. The state of Georgia approved \$226 million in bonds to cover the state's projected share of construction costs. The SHEP will not only impact the local and state economy, but will also have an impact on the national economy by helping U.S. companies compete on an international level. The SHEP is a positive indicator for the growing economy of Savannah, GA.

Chatham County has a strong manufacturing industry, with some of the largest manufacturing employers including Gulfstream Aerospace, International Paper, JCB, Brasseler USA, and Mitsubishi-Hitachi Power Systems America.



# 1. Total Jobs

The following table illustrates the total jobs (also known as "covered employment") in Chatham County. Note that the data below was the most recent data available.

Total Jobs in Chatham County, Georgia

	<b>3</b> /	0
Year	Total Employment	% Change
2006	122,727	-
2007	128,394	4.6%
2008	127,004	-1.1%
2009	119,831	-5.6%
2010	114,777	-4.2%
2011	116,650	1.6%
2012	119,845	2.7%
2013	120,581	0.6%
2014	122,140	1.3%
2015	125,625	2.9%
2016 YTD Average	131,231	4.5%
Dec-15	127,445	-
Dec-16	134,485	5.5%
0 1100 1100		

Source: U.S. Bureau of Labor Statistics

YTD as of December 2016

In the past decade, Chatham County has experienced a strong growth in total jobs. During the national recession, employment was significantly affected in 2008, 2009, and 2010; however, by 2011, the county was experiencing moderate growth. Since the national recession, total jobs in Chatham County have continued to grow every year. It is important to note the strong jobs growth that has occurred in recent years from 2014 to 2016. Total jobs in Chatham County are 4.7 percent above the 2007 high level employment, which indicates that the economy has fully recovered from the negative effects of the national recession and is experiencing growth.

# **Total Jobs by Industry**

The following table illustrates the total jobs by employment sectors within Chatham County as of January 2017, which is the most recent available data.

January 2017 Covered Employment
Chatham County, Georgia

	onation oddity, doorgia							
	Number	Percent						
Total, all industries	130,045	-						
Goods-producing	-	-						
Natural resources and mining	95	0.1%						
Construction	5,566	4.3%						
Manufacturing	14,594	11.2%						
Service-providing	-	-						
Trade, transportation, and utilities	34,215	26.3%						
Information	1,277	1.0%						
Financial activities	5,173	4.0%						
Professional and business services	17,032	13.1%						
Education and health services	23,548	18.1%						
Leisure and hospitality	23,740	18.3%						
Other services	4,382	3.4%						
Unclassified	423	0.3%						

Source: Bureau of Labor Statistics, January 2017.

Chatham County employs a large percentage of individuals within the trade, transportation, and utilities sector. The Georgia Port Authority's (GPA) Port of Savannah, which is the fourth busiest port in the nation and plays a significant role in overseas trade plays a significant role in this industry. The trade, transportation, and utilities sector is considered a stable sector in Chatham County due to the significant amount of importance the port plays in the state and national economy. Further, the GPA has reported historical growth in the Ports of Savannah and Brunswick in February and March of 2017, and the GPA has reported that there is increasing demand in the ports. The Port of Savannah is currently undergoing construction of the Savannah Harbor Expansion Project (SHEP), which will create additional jobs in the Savannah area as well as in the state of Georgia. The following table illustrates employment by industry for the PMA as of 2017.

2017 EMPLOYMENT BY INDUSTRY

	<u> P</u>	<u>PMA</u>		<u>A</u>
Industry	Number	Percent	Number	Percent
Industry	Employed	Employed	Employed	Employed
Accommodation/Food Services	7,990	16.1%	11,574,403	7.6%
Healthcare/Social Assistance	7,136	14.4%	21,304,508	14.1%
Retail Trade	6,481	13.0%	17,169,304	11.3%
<b>Educational Services</b>	4,677	9.4%	14,359,370	9.5%
Transportation/Warehousing	3,102	6.2%	6,128,217	4.0%
Public Administration	3,083	6.2%	7,093,689	4.7%
Manufacturing	2,810	5.7%	15,499,826	10.2%
Construction	2,552	5.1%	9,342,539	6.2%
Admin/Support/Waste Mgmt Srvcs	2,480	5.0%	6,511,707	4.3%
Other Services (excl Publ Adm)	2,395	4.8%	7,463,834	4.9%
Prof/Scientific/Tech Services	2,085	4.2%	10,269,978	6.8%
Finance/Insurance	1,063	2.1%	6,942,986	4.6%
Arts/Entertainment/Recreation	1,050	2.1%	3,416,474	2.3%
Wholesale Trade	902	1.8%	4,066,471	2.7%
Real Estate/Rental/Leasing	866	1.7%	2,946,196	1.9%
Information	612	1.2%	2,862,063	1.9%
Utilities	271	0.5%	1,344,219	0.9%
Agric/Forestry/Fishing/Hunting	136	0.3%	2,253,044	1.5%
Mgmt of Companies/Enterprises	10	0.0%	89,612	0.1%
Mining	4	0.0%	749,242	0.5%
Total Employment	49,705	100.0%	151,387,682	100.0%

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017

The PMA employs a significant share of individuals within the accommodation/food services, healthcare/social assistance, retail trade, educational services, and public administration. The PMA employs a higher share of individuals than the nation within the accommodation/food services, healthcare/social assistance, retail trade, transportation/warehousing, and public administration sectors. It is important to note that the PMA employs a significantly higher share of individuals within the accommodation/food services sector. Conversely, the PMA employs a smaller share of individuals within the educational services, manufacturing, and construction sectors.

# 2. Major Employers

The following table illustrates that major employers in the Savannah, GA MSA as of mid-2016 according to the Savannah Area Economic Development. This list does not include the major manufacturing employers.

MAJOR EMPLOYERS: SAVANNAH, GA MSA

	MASTERIO SAVARITALI, GA MOA							
Rank	Company	Industry	Number of Employees					
1	Memorial University Medical Center	Healthcare	5,000 - 9,999					
2	Kroger	Retail Food	1,000 - 4,999					
3	Marine Terminals Corp.	Marine Cargo Handling	1,000 - 4,999					
4	McDonald's	Restaurant	1,000 - 4,999					
5	SSA Cooper	Marine Cargo Handling	1,000 - 4,999					
6	Gulfstream Aerospace	Manufacturing	9,878					
7	St. Joseph's/Candler	Healthcare	3,617					
8	Publix	Retail Food	983					
9	SouthCoast Health	Healthcare	680					
10	International Paper	Manufacturing	661					
11	Georgia Regional Hospital	Healthcare	650					
12	Coastal Home Care, Inc.	Healthcare	631					
13	JCB	Manufacturing	450					
14	Brasseler USA	Manufacturing	405					
15	Mitsubishi Hitachi Power Systems America	Manufacturing	320					
	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						

Source: Savannah Area Economic Development, Novogradac & Company LLP, April 2017.

The major employers in the Savannah, GA MSA are concentrated within the education, government, healthcare, retail, marine cargo handling, and civic association sectors. The top employers in the MSA are generally concentrated in stable industries, which provide the economy with a strong base. The area's largest employer, Memorial University Medical Center, is a general and surgical hospital with 508 beds. It is located approximately two miles south of the Subject.

#### **Contractions/Expansions**

An important factor underlying the depth of demand for rental units of all types is the rate of employment expansions and contractions. According to the Worker Adjustment and Retraining Notification (WARN) Act notices published by the Georgia Department of Economic Development, since 2014 there have been six major employment contractions in the area. The following table illustrates the employment contractions from 2014 to year-to-date 2017.

WARN NOTICES - CHATHAM COUNTY, GA 2014 - YTD 2017

	,	
Company Name	Industry	Number of Employees Affected
Reliant Transportation, Inc.	Transportation	720
Gulfstream	Aerospace	349
First Student	Transportation	564
L-3 Army Sustainment Division/RASM-E Pro	ogram Military	82
United Arab Shipping Company	Shipping	20
Consolidated Transport Systems	Freight Services	44

 $Source: Georgia\ Department\ of\ Economic\ Development,\ Novogradac\ \&\ Company\ LLP,\ April\ 2017.$ 

From 2014 to year-to-date 2017, six companies filed WARN notices, which totaled to approximately 1,779 affected employees. There have been zero WARN notices filed in 2017 Chatham County, as of April 2017. According to the *Atlanta Journal Constitution* article titled "Thousands lost jobs this year in Georgia, according to layoff list," dated August 2016, Reliant Transportation, Inc. filed the WARN notice with the largest employment contraction in the state of Georgia in 2016. Reliant Transportation, Inc. is a Dallas-



based company that provides transportation services and was hired to run the Savannah-Chatham school district school bus system; however, the company due to a troubled contract the company left early and the school district took over and hired new employees. Due to the necessity of school buses in the county it is assumed that many of these jobs were filled again. The remaining WARN notice filings were submitted by companies within the aerospace equipment design and manufacturing, transportation, military, shipping, and freight services.

We attempted to contact a member at the Savanah Economic Development; however, our calls were not returned in time for this report. Based on internet research, we learned of one significant employment expansion. Daniel Defense, a manufacturer of firearms and accessories, began construction on a new 255,000 square foot facility on November 28, 2016. According to the Savannah Morning News article titled "Daniel defense breaks ground on expansion Monday," dated November 2016, this project represents a \$29.5 million investment and is expected to create approximately 75 new jobs. Construction is anticipated to finish in the summer of 2017.

# **Employment and Unemployment Trends**

The following table details employment and unemployment trends for the MSA and nation from 2001 to December 2016.

EMPLOYMENT TRENDS (NOT SEASONALLY ADJUSTED)

Savannah, GA MSA				<u>USA</u>			
	Total Employment	% Change	Differential from peak	Total Employment	% Change	Differential from peak	
2001	138,215	-	-19.6%	136,933,000	-	-8.0%	
2002	142,209	2.9%	-17.3%	136,485,000	-0.3%	-8.3%	
2003	145,054	2.0%	-15.7%	137,736,000	0.9%	-7.5%	
2004	152,921	5.4%	-11.1%	139,252,000	1.1%	-6.4%	
2005	158,112	3.4%	-8.1%	141,730,000	1.8%	-4.8%	
2006	164,431	4.0%	-4.4%	144,427,000	1.9%	-3.0%	
2007	172,008	4.6%	0.0%	146,047,000	1.1%	-1.9%	
2008	170,941	-0.6%	-0.6%	145,363,000	-0.5%	-2.3%	
2009	161,731	-5.4%	-6.0%	139,878,000	-3.8%	-6.0%	
2010	151,157	-6.5%	-12.1%	139,064,000	-0.6%	-6.6%	
2011	153,244	1.4%	-10.9%	139,869,000	0.6%	-6.0%	
2012	157,542	2.8%	-8.4%	142,469,000	1.9%	-4.3%	
2013	159,180	1.0%	-7.5%	143,929,000	1.0%	-3.3%	
2014	161,326	1.3%	-6.2%	146,305,000	1.7%	-1.7%	
2015	165,960	2.9%	-3.5%	148,833,000	1.7%	0.0%	
2016 YTD Average*	173,380	4.5%	-	151,435,833	1.7%	-	
Dec-2015	168,410	-	-	149,703,000	-	-	
Dec-2016	177,707	5.5%	-	151,798,000	1.4%	-	

Source: U.S. Bureau of Labor Statistics April 2017



UNEMPLOYMENT TRENDS (NOT SEASONALLY ADJUSTED)

	<u>Sa</u>	vannah, GA M	<u>ISA</u>		<u>USA</u>	
	Unemployment	Change	Differential from	Unemployment	Change	Differential from
	Rate	Onlango	peak	Rate	Onlango	peak
2001	3.5%	-	0.0%	4.7%	-	0.1%
2002	4.2%	0.7%	0.7%	5.8%	1.0%	1.2%
2003	4.2%	0.0%	0.7%	6.0%	0.2%	1.4%
2004	4.1%	-0.1%	0.6%	5.5%	-0.5%	0.9%
2005	4.4%	0.3%	0.9%	5.1%	-0.5%	0.5%
2006	3.9%	-0.5%	0.4%	4.6%	-0.5%	0.0%
2007	3.8%	-0.1%	0.3%	4.6%	0.0%	0.0%
2008	5.5%	1.7%	2.0%	5.8%	1.2%	1.2%
2009	8.5%	3.0%	5.0%	9.3%	3.5%	4.7%
2010	9.8%	1.3%	6.3%	9.6%	0.3%	5.0%
2011	9.9%	0.1%	6.4%	9.0%	-0.7%	4.3%
2012	9.0%	-0.9%	5.5%	8.1%	-0.9%	3.5%
2013	8.0%	-1.0%	4.5%	7.4%	-0.7%	2.8%
2014	7.0%	-1.0%	3.5%	6.2%	-1.2%	1.6%
2015	5.6%	-1.5%	2.1%	5.3%	-0.9%	0.7%
2016 YTD Average*	5.0%	-0.6%	-	4.9%	-0.4%	
Dec-2015	4.9%	-	-	4.8%	-	-
Dec-2016	4.9%	0.0%	-	4.5%	-0.3%	-

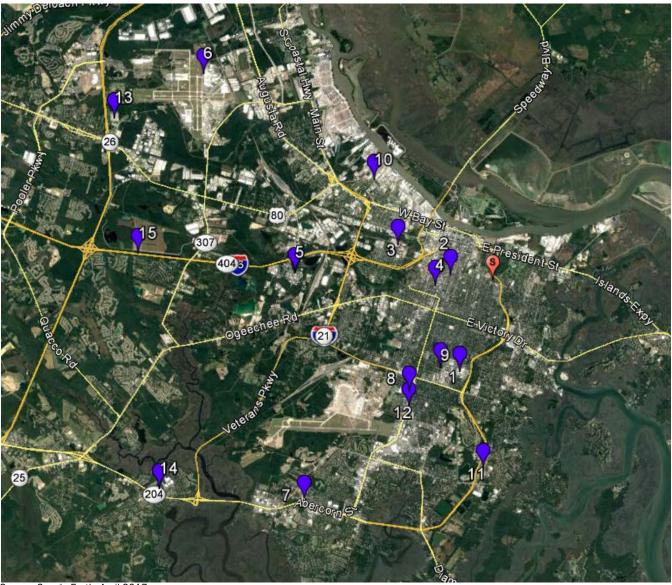
Source: U.S. Bureau of Labor Statistics April 2017

Between 2001 and 2016, the MSA has experienced a strong growth in employment. The national recession caused significant employment declines in 2008, 2009, and 2010 in the MSA; the MSA experienced more dramatic employment contraction that did the nation. However, by 2011, employment in the MSA was growing at a rate faster than the nation. This trend indicates that the MSA was quick to recover from the negative effects of the national recession. Since 2011, employment in the MSA has continued to grow every year at a faster rate than the nation, with the exception of 2014, where employment in the MSA grew at a slightly slower rate than the nation. From December 2015 to December 2016, employment in the MSA increased 5.5 percent, which indicates strong growth when compared to employment in the nation, which grew 1.4 percent in the same time period. Employment in the MSA is currently 3.3 percent above the pre-recession high level and employment in the nation is currently 3.9 percent above pre-recession high level. The employment data indicates that the MSA is an area that has fully-recovered from the national recession and is outperforming the nation in terms of employment growth.

Since 2010, the MSA has reported a higher unemployment rate than the nation every year. It is important to note that since 2012, the unemployment rate in the MSA has been declining by rates similar or greater than the nation. From December 2015 to December 2016 the unemployment rate in the MSA experienced no change, while the unemployment rate in the nation decreased 30 basis points during the same 12-month period. As of December 2016, the unemployment rate in the MSA is 4.9 percent, which is slightly higher than the unemployment rate in the nation, which is 4.5 percent. Overall, the growing employment in the MSA and declining unemployment rate indicate that the MSA is in a period of recovery and growth.

# **Map of Site and Major Employment Concentrations**

The following map and table detail the largest employers in the Savannah, GA MSA as of mid-2015.



Source: Google Earth, April 2017.

MAJOR EMPLOYERS: SAVANNAH, GA MSA

Rank	Company	Industry	Number of Employees
1	Memorial University Medical Center	Healthcare	5,000 - 9,999
2	Kroger	Retail Food	1,000 - 4,999
3	Marine Terminals Corp.	Marine Cargo Handling	1,000 - 4,999
4	McDonald's	Restaurant	1,000 - 4,999
5	SSA Cooper	Marine Cargo Handling	1,000 - 4,999
6	Gulfstream Aerospace	Manufacturing	9,878
7	St. Joseph's/Candler	Healthcare	3,617
8	Publix	Retail Food	983
9	SouthCoast Health	Healthcare	680
10	International Paper	Manufacturing	661
11	Georgia Regional Hospital	Healthcare	650
12	Coastal Home Care, Inc.	Healthcare	631
13	JCB	Manufacturing	450
14	Brasseler USA	Manufacturing	405
15	Mitsubishi Hitachi Power Systems America	Manufacturing	320

Source: Savannah Area Economic Development, Novogradac & Company LLP, April 2017.

#### 3. Conclusion

The PMA employs a significant share of individuals within the accommodation/food services, healthcare/social assistance, retail trade, educational services, and public administration. It is important to note the high share of individuals the PMA employs within the accommodation/food services sector. The major employers in the Savannah, GA MSA are concentrated within relatively stable sectors, including the education, government, healthcare, retail, marine cargo handling, and civic association sectors. From 2014 to year to date 2017 there have been six WARN notice filings in Chatham County, which total up to 1,779 affected employees. It is important to note that there have been zero WARN notice filings in Chatham County so far in 2017.

The Savannah, GA MSA has experienced strong employment growth from 2000 to 2017. Since the national recession, employment in the MSA has grown by a faster rate than employment in the nation every year with the exception of 2014 where employment in the MSA grew at a slightly slower rate. Based on the employment data, employment in the PMA is 3.3 percent above pre-recession high levels and the nation is 3.9 percent above pre-recession high levels, which indicates that the MSA economy is in a period of recovery and growth. More recently from December 2015 to December 2016, employment in the MSA grew 5.5 percent, which was significantly higher than the national employment growth during this same 12-month period, which was 1.4 percent. The MSA has historically reported a slightly higher unemployment rate than the nation; however, the MSA unemployment rate trend indicates that the unemployment rate has been declining since 2012. The growing local economy is a positive indicator of demand for rental housing and the Subject's proposed units.

# G. PROJECT-SPECIFIC AFFORDABILITY AND DEMAND ANALYSIS

The following demand analysis evaluates the potential amount of qualified households, which the Subject would have a fair chance at capturing. The structure of the analysis is based on the guidelines provided by DCA.

# 1. Income Restrictions

LIHTC rents are based upon a percentage of the Area Median Gross Income ("AMI"), adjusted for household size and utilities. The Georgia Department of Community Affairs ("DCA") will estimate the relevant income levels, with annual updates. The rents are calculated assuming that the maximum net rent a senior household will pay is 40 percent of its household income at the appropriate AMI level.

According to DCA, household size is assumed to be 1.5 persons per bedroom for LIHTC rent calculation purposes. For example, the maximum rent for a four-person household in a two-bedroom unit is based on an assumed household size of three persons (1.5 per bedroom). For income determination purposes, the maximum income is assumed to be 1.5 persons per bedroom rounded up to the nearest whole number. For example, maximum income for a one-bedroom unit is based on an assumed household size of two persons (1.5 persons per bedroom, rounded up). However, very few senior households have more than two persons. Therefore, we have used a maximum household size of two persons in our analysis.

To assess the likely number of tenants in the market area eligible to live in the Subject, we use Census information as provided by ESRI Information Systems, to estimate the number of potential tenants who would qualify to occupy the Subject as a LIHTC project.

The maximum income levels are based upon information obtained from the Rent and Income Limits Guidelines Table as accessed from the DCA website. For the Subject's market rate units, we have utilized 100 percent of the AMI.

# 2. Affordability

As discussed above, the maximum income is set by DCA while the minimum is based upon the minimum income needed to support affordability. This is based upon a standard of 35 percent. Lower and moderate-income families typically spend greater than 30 percent of their income on housing. These expenditure amounts can range higher than 50 percent depending upon market area. However, the 30 to 40 percent range is generally considered a reasonable range of affordability. DCA guidelines utilize 35 percent for families and 40 percent for seniors. We will use these guidelines to set the minimum income levels for the demand analysis.

SENIOR 62+ INCOME LIMITS - AS PROPOSED

Unit Type	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income	Minimum Allowable Income	Maximum Allowable Income
	50% AMI		60% AMI		Market Rate	
1BR/1BA	\$17,670	\$22,250	\$20,370	\$26,700	\$18,450	\$44,500
2BR/1BA	\$21,390	\$25,400	\$24,690	\$30,480	\$22,050	\$50,800



#### 3. Demand

The demand for the Subject will be derived from three sources: new households, existing households and elderly homeowners likely to convert to rentership. These calculations are illustrated in the following tables.

#### 3a. Demand from New Households

The number of new households entering the market is the first level of demand calculated. We have utilized 2019, the anticipated date of market entry, as the base year for the analysis. Therefore, 2017 household population estimates are inflated to 2019 by interpolation of the difference between 2017 estimates and 2019 projections. This change in households is considered the gross potential demand for the Subject property. This number is adjusted for income eligibility and renter tenure. This is calculated as an annual demand number. In other words, this calculates the anticipated new households in 2019. This number takes the overall growth from 2017 to 2019 and applies it to its respective income cohorts by percentage. This number does not reflect lower income households losing population, as this may be a result of simple dollar value inflation.

# 3b. Demand from Existing Households

Demand for existing households is estimated by summing two sources of potential tenants. The first source is tenants who are rent overburdened. These are households who are paying over 35 percent for family households and 40 percent for senior households of their income in housing costs. This data is interpolated using ACS data based on appropriate income levels.

The second source is households living in substandard housing. We will utilize this data to determine the number of current residents that are income eligible, renter tenure, overburdened and/or living in substandard housing and likely to consider the Subject. In general, we will utilize this data to determine the number of current residents that are income eligible, renter tenure, overburdened and/or living in substandard housing and likely to consider the Subject.

# 3c. Demand from Elderly Homeowners likely to Convert to Rentership

An additional source of demand is also seniors likely to move from their own homes into rental housing. This source is only appropriate when evaluating senior properties and is determined by interviews with property managers in the PMA. It should be noted that per DCA guidelines, we have lowered demand from seniors who convert to homeownership to be at or below 2.0 percent of total demand.

# 3d. Other

Per the 2017 GA DCA Qualified Allocation Plan (QAP) and Market Study Manual, GA DCA does not consider demand from outside the Primary Market Area (PMA), including the Secondary Market Area (SMA). Therefore, we have not accounted for leakage from outside the PMA boundaries in our demand analysis.

DCA does not consider household turnover to be a source of market demand. Therefore, we have not accounted for household turnover in our demand analysis.

We have adjusted all of our capture rates based on household size. DCA guidelines indicate that properties with over 20 percent of their proposed units in three and four-bedroom units need to be adjusted to considered larger household sizes. We have incorporated household size adjustments in our capture rates for all of the Subject's units.



# 4. New Demand, Capture Rates and Stabilization Conclusions

The following pages will outline the overall demand components added together (3(a), 3(b)) and (3(c)) less the supply of competitive developments awarded and/or constructed or placed in service from 2014 to the present.

# **Additions to Supply**

Additions to supply will lower the number of potential qualified households. Pursuant to our understanding of DCA guidelines, we have deducted the following units from the demand analysis.

- Comparable/competitive LIHTC and bond units (vacant or occupied) that have been funded, are under construction, or placed in service in 2014 through the present.
- Vacancies in projects placed in service prior to 2014 that have not reached stabilized occupancy (i.e. at least 90 percent occupied).
- Comparable/competitive conventional or market rate units that are proposed, are under construction, or have entered the market from 2014 to present. As the following discussion will demonstrate, competitive market rate units are those with rent levels that are comparable to the proposed rents at the Subject.

Per GA DCA guidelines, competitive units are defined as those units that are of similar size and configuration and provide alternative housing to a similar tenant population, at rent levels comparative to those proposed for the Subject development.

According to the Georgia Department of Community Affairs, there were several competitive properties awarded LIHTC in the PMA since 2014.

Sister's Court Apartments was allocated tax credits in 2014. It is an existing LIHTC development restricted to elderly households (62+). As part of the substantial renovation, all of this property's tenants have been relocated. The renovation is expected to be complete by the spring of 2017. We removed Sister's Court Apartments' 77 LIHTC units from the demand analysis.

Telfair Arms was allocated tax credits in 2015 and will be restricted to elderly households (62+). The property currently offers 53 LIHTC units, 45 of which operate with a Section 8 project-based subsidy. The unit mix and rent restrictions are expected to remain the same following the renovation. The renovation is expected to be completed in 2017. We removed the seven unsubsidized one-bedroom 60 percent units from the demand analysis.

Romana-Riley Lofts was allocated tax credits in 2016 and will be restricted to senior households age 55 and older. The property will offer 57 one and two-bedroom units restricted to 50 and 60 percent of the AMI and unrestricted market rate units. We have removed all 57 units from the demand analysis.

# LIHTC ALLOCATIONS IN THE PMA, 2014 - PRESENT

					Competitive
Property Name	Program	Tenancy	Status	<b>Total Units</b>	Units
Sister's Court Apartments	LIHTC	Senior	Complete	77	77
Telfair Arms	LIHTC	Senior	Under construction	53	7
Romana-Riley Lofts	LIHTC	Senior	Proposed	57	57
	<u> </u>				

Overall, we have deducted 141 units from the demand analysis.



The following table illustrates the total number of units removed based on existing properties as well as new properties to the market area that have been allocated, placed in service, or stabilizing between 2014 and present.

#### **ADDITIONS TO SUPPLY 2016**

Unit Type	30% AMI	40% AMI	50% AMI	60% AMI	Unrestricted	Overall
OBR						0
1BR			34	63	3	100
2BR			8	27	6	41
3BR						0
4BR						0
5BR						0
Total	0	0	42	90	9	141

#### **PMA Occupancy**

Per DCA's guidelines, we have determined the average occupancy rate based on all available competitive conventional and LIHTC properties in the PMA. We have provided a combined average occupancy level for the PMA based on the total competitive units in the PMA.

#### **COMPETITIVE PROJECTS**

Property Name	Program	Location	Tenancy	# of Units	Occupancy
Live Oak Landing	LIHTC/Market	Savannah	Senior	70	-
Romana - Riley Lofts	LIHTC	Savannah	Senior	57	N/A
Savannah Gardens II	LIHTC	Savannah	Senior	39	98.0%
Rose of Sharon	LIHTC	Savannah	Senior	206	100.0%
Sister's Court Apartments	LIHTC/HOME	Savannah	Senior	78	64.0%
Pinewood Village	LIHTC/HOME	Pooler	Senior	64	100.0%
Sheppard Station Apartments	LIHTC/HOME/Market	Pooler	Senior	69	100.0%
Sustainable Fellwood III	LIHTC/PHA/Market	Savannah	Senior	100	96.0%
Telfair Arms	LIHTC/Section 8	Savannah	Senior	52	N/A
Veranda at Midtown	Market/PBRA	Savannah	Senior	100	98.0%
Average PMA Occupa	ancy				93.7%

The average occupancy rate of competitive developments in the PMA is 93.7 percent.

### Rehab Developments and PBRA

For any properties that are rehab developments, the capture rates will be based on those units that are vacant, or whose tenants will be rent burdened or over income as listed on the Tenant Relocation Spreadsheet.

Units that are subsidized with PBRA or whose rents are more than 20 percent lower than the rent for other units of the same bedroom size in the same AMI band and comprise less than 10 percent of total units in the same AMI band will not be used in determining project demand. In addition, any units, if priced 30 percent lower than the average market rent for the bedroom type in any income segment, will be assumed to be leasable in the market and deducted from the total number of units in the project for determining capture rates.



# 5. Capture Rates

The above calculations and derived capture rates are illustrated in the following tables. Note that the demographic data used in the following tables, including tenure patterns, household size and income distribution through the projected market entry date of 2019 were illustrated in the previous section of this report.

RENTER HOUSEHOLD INCOME DISTRIBUTION - PMA, 62+

Income Cohort	2017		Projected Mk	Projected Mkt Entry July 2019		2021	
	Number	Percentage	Number	Percentage	Number	Percentage	
\$0-9,999	811	16.8%	851	16.6%	891	16.4%	
\$10,000-19,999	1,243	25.8%	1,291	25.2%	1,340	24.6%	
\$20,000-29,999	575	11.9%	596	11.6%	618	11.3%	
\$30,000-39,999	513	10.7%	528	10.3%	542	10.0%	
\$40,000-49,999	351	7.3%	375	7.3%	398	7.3%	
\$50,000-59,999	287	6.0%	314	6.1%	340	6.2%	
\$60,000-74,999	246	5.1%	270	5.3%	294	5.4%	
\$75,000-99,999	272	5.7%	305	5.9%	337	6.2%	
\$100,000-124,999	246	5.1%	276	5.4%	307	5.6%	
\$125,000-149,999	112	2.3%	131	2.6%	151	2.8%	
\$150,000-199,999	85	1.8%	103	2.0%	121	2.2%	
\$200,000+	72	1.5%	90	1.7%	107	2.0%	
Total	4,813	100.0%	5,130	100.0%	5,447	100.0%	

Source: HISTA Data / Ribbon Demographics 2017, Novogradac & Company LLP, April 2017

# **50% AMI**

#### **NEW RENTER HOUSEHOLD DEMAND BY INCOME COHORT - 50%**

Minimum Income Limi	t	\$17,670	Maximum Income Limit		\$25,400
Income Category	Change in House	ouseholds - Total holds PMA 2017 to htry July 2019	Income Brackets	Percent within Cohort	Renter Households within Bracket
\$0-9,999	40	12.8%		0.0%	0
\$10,000-19,999	48	15.3%	2,329	23.3%	11
\$20,000-29,999	21	6.8%	5,400	54.0%	12
\$30,000-39,999	14	4.5%		0.0%	0
\$40,000-49,999	24	7.5%		0.0%	0
\$50,000-59,999	27	8.4%		0.0%	0
\$60,000-74,999	24	7.6%		0.0%	0
\$75,000-99,999	32	10.2%		0.0%	0
\$100,000-124,999	30	9.6%		0.0%	0
\$125,000-149,999	19	6.1%		0.0%	0
\$150,000-199,999	18	5.7%		0.0%	0
\$200,000+	17	5.5%		0.0%	0
Total	317	100.0%		7.2%	23

# POTENTIAL EXISTING HOUSEHOLD DEMAND BY INCOME COHORT - 50%

Minimum Income Limi	t	\$17,670	\$25,400		
Income Category	Total Renter Hous	seholds PMA 2017	Income Brackets	Percent within Cohort	Households within Bracket
\$0-9,999	811	16.8%		0.0%	0
\$10,000-19,999	1,243	25.8%	2,329	23.3%	290
\$20,000-29,999	575	11.9%	5,400	54.0%	310
\$30,000-39,999	513	10.7%		0.0%	0
\$40,000-49,999	351	7.3%		0.0%	0
\$50,000-59,999	287	6.0%		0.0%	0
\$60,000-74,999	246	5.1%		0.0%	0
\$75,000-99,999	272	5.7%		0.0%	0
\$100,000-124,999	246	5.1%		0.0%	0
\$125,000-149,999	112	2.3%		0.0%	0
\$150,000-199,999	85	1.8%		0.0%	0
\$200,000+	72	1.5%		0.0%	0
Total	4,813	100.0%		12.5%	600

# **ASSUMPTIONS - 50%**

Tenancy		Senior	% of Income towards Hou	40%	
Rural/Urban		Urban Maximum # of Occupa		Maximum # of Occupants	
Persons in Household	0BR	1BR	2BR	3BR	4BR+
1	10%	60%	30%	0%	0%
2	0%	10%	90%	0%	0%
3	0%	0%	0%	90%	10%
4	0%	0%	0%	70%	30%
5+	0%	0%	0%	30%	70%



Demand from New Renter Households 2017 to July 2019		<b>50</b> 0/
Income Target Population		50%
New Renter Households PMA		317
Percent Income Qualified		7.2%
New Renter Income Qualified Households		23
Demand from Existing Households 2017		
Demand from Rent Overburdened Households		
ncome Target Population		50%
Total Existing Demand		4,813
ncome Qualified		12.5%
ncome Qualified Renter Households		600
Percent Rent Overburdened Prj Mrkt Entry July 2019		55.9%
Rent Overburdened Households		335
Demand from Living in Substandard Housing		
ncome Qualified Renter Households		600
Percent Living in Substandard Housing		0.3%
Households Living in Substandard Housing		2
Senior Households Converting from Homeownership		
ncome Target Population		50%
Total Senior Homeowners		8,764
Rural Versus Urban 0.1%		
Senior Demand Converting from Homeownership		6
Total Demand		
Total Demand from Existing Households		343
Total New Demand		23
Total Demand (New Plus Existing Households)		366
Demand from Seniors Who Convert from Homeownership		6
Percent of Total Demand From Homeownership Conversion		1.6%
s this Demand Over 2 percent of Total Demand?		No
By Bedroom Demand		
One Person	63.5%	232
Two Persons	19.8%	73
Three Persons	5.5%	20
Four Persons	5.1%	19
Five Persons	6.1%	22
Total	100.0%	366



To place Person Demand into Bedroom Type Units		
Of one-person households in studio units	10%	23
Of two-person households in studio units	0%	0
Of three-person households in studio units	0%	0
Of four-person households in studio units	0%	0
Of five-person households in studio units	0%	0
Of one-person households in 1BR units	60%	139
Of two-person households in 1BR units	10%	7
Of three-person households in 1BR units	0%	0
Of four-person households in 1BR units	0%	0
Of five-person households in 1BR units	0%	0
Of one-person households in 2BR units	30%	70
Of two-person households in 2BR units	90%	65
Of three-person households in 2BR units	0%	0
Of four-person households in 2BR units	0%	0
Of five-person households in 2BR units	0%	0
Of one-person households in 3BR units	0%	0
Of two-person households in 3BR units	0%	0
Of three-person households in 3BR units	90%	18
Of four-person households in 3BR units	70%	13
Of five-person households in 3BR units	30%	7
Of one-person households in 4BR units	0%	0
Of two-person households in 4BR units	0%	0
Of three-person households in 4BR units	10%	2
Of four-person households in 4BR units	30%	6
Of five-person households in 4BR units	35%	8
Of one-person households in 5BR units	0%	0
Of two-person households in 5BR units	0%	0
Of three-person households in 5BR units	0%	0
Of four-person households in 5BR units	0%	0
Of five-person households in 5BR units	35%	8
Total Demand		366

Total De	emand (Subject Unit T	ypes)	s) Additions to Supply		<b>Net Demand</b>
0 BR	-	-	-	=	-
1 BR	147	-	34	=	113
2 BR	135	-	8	=	127
3 BR	-	-	-	=	-
4 BR	-	-	-	=	-
5 BR	-	-	-	=	-
Total	281		42		239
	Developer's Unit Mix		Net Demand		Capture Rate
0 BR	Developer's Unit Mix	/	Net Demand -	=	Capture Rate
0 BR 1 BR	Developer's Unit Mix	/	Net Demand - 113	= =	Capture Rate - 10.7%
		/ /	-		-
1 BR	12	/ / /	- 113	=	10.7%
1 BR 2 BR	12	/ / / /	- 113	= =	10.7%
1 BR 2 BR 3 BR	12	/ / / /	- 113	= = =	10.7%



# **60% AMI**

# **NEW RENTER HOUSEHOLD DEMAND BY INCOME COHORT - 60%**

Minimum Income Limi	t	\$20,370 Maximum Income Limit				
Income Category	Change in House	ouseholds - Total holds PMA 2017 to htry July 2019	Income Brackets	Percent within Cohort	Renter Households within Bracket	
\$0-9,999	40	12.8%		0.0%	0	
\$10,000-19,999	48	15.3%		0.0%	0	
\$20,000-29,999	21	6.8%	9,629	96.3%	21	
\$30,000-39,999	14	4.5%	480	4.8%	1	
\$40,000-49,999	24	7.5%		0.0%	0	
\$50,000-59,999	27	8.4%		0.0%	0	
\$60,000-74,999	24	7.6%		0.0%	0	
\$75,000-99,999	32	10.2%		0.0%	0	
\$100,000-124,999	30	9.6%		0.0%	0	
\$125,000-149,999	19	6.1%		0.0%	0	
\$150,000-199,999	18	5.7%		0.0%	0	
\$200,000+	17	5.5%		0.0%	0	
Total	317	100.0%		6.7%	21	

# POTENTIAL EXISTING HOUSEHOLD DEMAND BY INCOME COHORT - 60%

Minimum Income Limi	t	\$20,370	Maximum Income Li	mit	\$30,480
Income Category	Total Renter Hous	seholds PMA 2017	Income Brackets	Percent within Cohort	Households within Bracket
\$0-9,999	811	16.8%		0.0%	0
\$10,000-19,999	1,243	25.8%		0.0%	0
\$20,000-29,999	575	11.9%	9,629	96.3%	554
\$30,000-39,999	513	10.7%	480	4.8%	25
\$40,000-49,999	351	7.3%		0.0%	0
\$50,000-59,999	287	6.0%		0.0%	0
\$60,000-74,999	246	5.1%		0.0%	0
\$75,000-99,999	272	5.7%		0.0%	0
\$100,000-124,999	246	5.1%		0.0%	0
\$125,000-149,999	112	2.3%		0.0%	0
\$150,000-199,999	85	1.8%		0.0%	0
\$200,000+	72	1.5%		0.0%	0
Total	4,813	100.0%		12.0%	578

# **ASSUMPTIONS - 60%**

Tenancy		Senior	% of Income toward	ls Housing	40%	
Rural/Urban		Urban	Maximum # of Occi	upants	2	
Persons in Household	0BR	1BR	2BR	3BR	4BR+	
1	10%	60%	30%	0%	0%	
2	0%	10%	90%	0%	0%	
3	0%	0%	0%	90%	10%	
4	0%	0%	0%	70%	30%	
5+	0%	0%	0%	30%	70%	



Demand from New Renter Households 2017 to July 2019		
Income Target Population		60%
New Renter Households PMA		317
Percent Income Qualified		6.7%
New Renter Income Qualified Households		21
Demand from Existing Households 2017		
Demand from Rent Overburdened Households		
Income Target Population		60%
Total Existing Demand		4,813
Income Qualified		12.0%
Income Qualified Renter Households		578
Percent Rent Overburdened Prj Mrkt Entry July 2019		55.9%
Rent Overburdened Households		323
Demand from Living in Substandard Housing		
Income Qualified Renter Households		578
Percent Living in Substandard Housing		0.3%
Households Living in Substandard Housing		2
Senior Households Converting from Homeownership		
Income Target Population		60%
Total Senior Homeowners		8,764
Rural Versus Urban 0.1%		-, -
Senior Demand Converting from Homeownership		6
Total Demand		
Total Demand from Existing Households		331
Total New Demand		21
Total Demand (New Plus Existing Households)		352
Demand from Seniors Who Convert from Homeownership		6
Percent of Total Demand From Homeownership Conversion		1.7%
Is this Demand Over 2 percent of Total Demand?		No
By Bedroom Demand		
One Person	63.5%	223
Two Persons	19.8%	70
Three Persons	5.5%	19
Four Persons	5.1%	18
Five Persons	6.1%	21
Total	100.0%	352



To place Person Demand into Bedroom Type Units		
Of one-person households in studio units	10%	22
Of two-person households in studio units	0%	0
Of three-person households in studio units	0%	0
Of four-person households in studio units	0%	0
Of five-person households in studio units	0%	0
Of one-person households in 1BR units	60%	134
Of two-person households in 1BR units	10%	7
Of three-person households in 1BR units	0%	0
Of four-person households in 1BR units	0%	0
Of five-person households in 1BR units	0%	0
Of one-person households in 2BR units	30%	67
Of two-person households in 2BR units	90%	63
Of three-person households in 2BR units	0%	0
Of four-person households in 2BR units	0%	0
Of five-person households in 2BR units	0%	0
Of one-person households in 3BR units	0%	0
Of two-person households in 3BR units	0%	0
Of three-person households in 3BR units	90%	17
Of four-person households in 3BR units	70%	13
Of five-person households in 3BR units	30%	6
Of one-person households in 4BR units	0%	0
Of two-person households in 4BR units	0%	0
Of three-person households in 4BR units	10%	2
Of four-person households in 4BR units	30%	5
Of five-person households in 4BR units	35%	7
Of one-person households in 5BR units	0%	0
Of two-person households in 5BR units	0%	0
Of three-person households in 5BR units	0%	0
Of four-person households in 5BR units	0%	0
Of five-person households in 5BR units	35%	7
Total Demand	_	352

Total D	emand (Subject Unit T	ypes)	Additions to Supply		Net Demand
0 BR	-	-	-	=	-
1 BR	141	-	63	=	78
2 BR	130	-	27	=	103
3 BR	-	-	-	=	-
4 BR	-	-	-	=	-
5 BR	-	-	-	=	-
Total	271		90		181
	Developer's Unit Mix		Net Demand		Capture Rate
0 BR	Developer's Unit Mix	/	Net Demand	=	Capture Rate
0 BR 1 BR	Developer's Unit Mix	/		= =	·
	·	/ /	-		-
1 BR	10	/ / / /	- 78	=	12.8%
1 BR 2 BR	10	/ / / /	- 78	= =	12.8% 20.4%
1 BR 2 BR 3 BR	10	/ / / / /	- 78	= = =	12.8% 20.4%



# **AII LIHTC**

# NEW RENTER HOUSEHOLD DEMAND BY INCOME COHORT - All LIHTC

Minimum Income Limi	ncome Limit \$17,670 Maximum Income Limit			\$30,480	
Income Category	Change in House	ouseholds - Total holds PMA 2017 to htry July 2019	Income Brackets	Percent within Cohort	Renter Households within Bracket
\$0-9,999	40	12.8%		0.0%	0
\$10,000-19,999	48	15.3%	2,329	23.3%	11
\$20,000-29,999	21	6.8%	9,999	100.0%	21
\$30,000-39,999	14	4.5%	480	4.8%	1
\$40,000-49,999	24	7.5%		0.0%	0
\$50,000-59,999	27	8.4%		0.0%	0
\$60,000-74,999	24	7.6%		0.0%	0
\$75,000-99,999	32	10.2%		0.0%	0
\$100,000-124,999	30	9.6%		0.0%	0
\$125,000-149,999	19	6.1%		0.0%	0
\$150,000-199,999	18	5.7%		0.0%	0
\$200,000+	17	5.5%		0.0%	0
Total	317	100.0%		10.6%	33

# POTENTIAL EXISTING HOUSEHOLD DEMAND BY INCOME COHORT - All LIHTC

Minimum Income Limi	Minimum Income Limit \$17,670 Maximum Income Limit				\$30,480
Income Category	Total Renter Hous	seholds PMA 2017	Income Brackets	Percent within Cohort	Households within Bracket
\$0-9,999	811	16.8%		0.0%	0
\$10,000-19,999	1,243	25.8%	2,329	23.3%	290
\$20,000-29,999	575	11.9%	9,999	100.0%	575
\$30,000-39,999	513	10.7%	480	4.8%	25
\$40,000-49,999	351	7.3%		0.0%	0
\$50,000-59,999	287	6.0%		0.0%	0
\$60,000-74,999	246	5.1%		0.0%	0
\$75,000-99,999	272	5.7%		0.0%	0
\$100,000-124,999	246	5.1%		0.0%	0
\$125,000-149,999	112	2.3%		0.0%	0
\$150,000-199,999	85	1.8%		0.0%	0
\$200,000+	72	1.5%		0.0%	0
Total	4,813	100.0%		18.5%	889

# **ASSUMPTIONS - All LIHTC**

Tenancy		Senior	% of Income toward	% of Income towards Housing	
Rural/Urban		Urban	Maximum # of Occu	upants	2
Persons in Household	0BR	1BR	2BR	3BR	4BR+
1	10%	60%	30%	0%	0%
2	0%	10%	90%	0%	0%
3	0%	0%	0%	90%	10%
4	0%	0%	0%	70%	30%
5+	0%	0%	0%	30%	70%



Demand from New Renter Households 2017 to July 2019		
Income Target Population		All LIHTC
New Renter Households PMA		317
Percent Income Qualified		10.6%
New Renter Income Qualified Households		33
Demand from Existing Households 2017		
Demand from Rent Overburdened Households		
Income Target Population		All LIHTC
Total Existing Demand		4,813
Income Qualified		18.5%
Income Qualified Renter Households		889
Percent Rent Overburdened Prj Mrkt Entry July 2019		55.9%
Rent Overburdened Households		497
Demand from Living in Substandard Housing		
Income Qualified Renter Households		889
Percent Living in Substandard Housing		0.3%
Households Living in Substandard Housing		2
Senior Households Converting from Homeownership		
Income Target Population		All LIHTC
Total Senior Homeowners		8,764
Rural Versus Urban 0.1%		
Senior Demand Converting from Homeownership		6
Total Demand		
Total Demand from Existing Households		505
Total New Demand		33
Total Demand (New Plus Existing Households)		539
Demand from Seniors Who Convert from Homeownership		6
Percent of Total Demand From Homeownership Conversion		1.1%
Is this Demand Over 2 percent of Total Demand?		No
By Bedroom Demand		
One Person	63.5%	342
Two Persons	19.8%	107
Three Persons	5.5%	30
Four Persons	5.1%	28
Five Persons	6.1%	33
Total	100.0%	539



To place Person Demand into Bedroom Type Units		
Of one-person households in studio units	10%	34
Of two-person households in studio units	0%	0
Of three-person households in studio units	0%	0
Of four-person households in studio units	0%	0
Of five-person households in studio units	0%	0
Of one-person households in 1BR units	60%	205
Of two-person households in 1BR units	10%	11
Of three-person households in 1BR units	0%	0
Of four-person households in 1BR units	0%	0
Of five-person households in 1BR units	0%	0
Of one-person households in 2BR units	30%	103
Of two-person households in 2BR units	90%	96
Of three-person households in 2BR units	0%	0
Of four-person households in 2BR units	0%	0
Of five-person households in 2BR units	0%	0
Of one-person households in 3BR units	0%	0
Of two-person households in 3BR units	0%	0
Of three-person households in 3BR units	90%	27
Of four-person households in 3BR units	70%	19
Of five-person households in 3BR units	30%	10
Of one-person households in 4BR units	0%	0
Of two-person households in 4BR units	0%	0
Of three-person households in 4BR units	10%	3
Of four-person households in 4BR units	30%	8
Of five-person households in 4BR units	35%	11
Of one-person households in 5BR units	0%	0
Of two-person households in 5BR units	0%	0
Of three-person households in 5BR units	0%	0
Of four-person households in 5BR units	0%	0
Of five-person households in 5BR units	35%	11
Total Demand		539

Total Demand (Subject Unit Types) Ad		Additions to Supply	ditions to Supply		
0 BR	-	-	-	=	-
1 BR	216	-	97	=	119
2 BR	199	-	35	=	164
3 BR	-	-	-	=	-
4 BR	-	-	-	=	-
5 BR	-	-	-	=	-
Total	415		132		283
	Developer's Unit Mix		Net Demand		Capture Rate
0 BR		/	-	=	-
1 BR	22	/	119	=	18.5%
2 BR	41	/	164	=	25.0%
3 BR		/	-	=	-
4 BR		/	-	=	-
5 BR		/	-	=	-
Total	63		283		22.3%



# **Market Rate**

# **NEW RENTER HOUSEHOLD DEMAND BY INCOME COHORT - Market**

Minimum Income Limi	t	\$18,450 Maximum Income Limit			
Income Category	Change in House	ouseholds - Total holds PMA 2017 to htry July 2019	Income Brackets	Percent within Cohort	Renter Households within Bracket
\$0-9,999	40	12.8%		0.0%	0
\$10,000-19,999	48	15.3%	1,549	15.5%	7
\$20,000-29,999	21	6.8%	9,999	100.0%	21
\$30,000-39,999	14	4.5%	9,999	100.0%	14
\$40,000-49,999	24	7.5%	9,999	100.0%	24
\$50,000-59,999	27	8.4%	800	8.0%	2
\$60,000-74,999	24	7.6%		0.0%	0
\$75,000-99,999	32	10.2%		0.0%	0
\$100,000-124,999	30	9.6%		0.0%	0
\$125,000-149,999	19	6.1%		0.0%	0
\$150,000-199,999	18	5.7%		0.0%	0
\$200,000+	17	5.5%		0.0%	0
Total	317	100.0%		21.9%	69

# POTENTIAL EXISTING HOUSEHOLD DEMAND BY INCOME COHORT - Market

Minimum Income Limi	nit \$18,450 Maximum Income Limit				\$50,800
Income Category	Total Renter Hous	al Renter Households PMA 2017	Income Brackets	Percent within	Households within
moonie datagory			moonio Brackets	Cohort	Bracket
\$0-9,999	811	16.8%		0.0%	0
\$10,000-19,999	1,243	25.8%	1,549	15.5%	193
\$20,000-29,999	575	11.9%	9,999	100.0%	575
\$30,000-39,999	513	10.7%	9,999	100.0%	513
\$40,000-49,999	351	7.3%	9,999	100.0%	351
\$50,000-59,999	287	6.0%	800	8.0%	23
\$60,000-74,999	246	5.1%		0.0%	0
\$75,000-99,999	272	5.7%		0.0%	0
\$100,000-124,999	246	5.1%		0.0%	0
\$125,000-149,999	112	2.3%		0.0%	0
\$150,000-199,999	85	1.8%		0.0%	0
\$200,000+	72	1.5%		0.0%	0
Total	4,813	100.0%		34.4%	1,654

# **ASSUMPTIONS - Market**

Tenancy		Senior	% of Income toward	ls Housing	40%
Rural/Urban		Urban	Maximum # of Occi	upants	2
Persons in Household	0BR	1BR	2BR	3BR	4BR+
1	10%	60%	30%	0%	0%
2	0%	10%	90%	0%	0%
3	0%	0%	0%	90%	10%
4	0%	0%	0%	70%	30%
5+	0%	0%	0%	30%	70%



Demand from New Renter Households 2017 to July 2019 Income Target Population		Market
New Renter Households PMA		317
Percent Income Qualified		21.9%
New Renter Income Qualified Households		69
Demand from Existing Households 2017		
Demand from Rent Overburdened Households		
Income Target Population		Market
Total Existing Demand		4,813
Income Qualified		34.4%
Income Qualified Renter Households		1,654
Percent Rent Overburdened Prj Mrkt Entry July 2019		55.9%
Rent Overburdened Households		925
Demand from Living in Substandard Housing		
Income Qualified Renter Households		1,654
Percent Living in Substandard Housing		0.3%
Households Living in Substandard Housing		4
Senior Households Converting from Homeownership		
Income Target Population		Market
Total Senior Homeowners		8,764
Rural Versus Urban 0.1%		
Senior Demand Converting from Homeownership		9
Total Demand		
Total Demand from Existing Households		938
Total New Demand		69
Total Demand (New Plus Existing Households)		1,007
Demand from Seniors Who Convert from Homeownership		9
Percent of Total Demand From Homeownership Conversion		0.9%
Is this Demand Over 2 percent of Total Demand?		No
By Bedroom Demand		
One Person	63.5%	639
Two Persons	19.8%	200
Three Persons	5.5%	56
Four Persons	5.1%	52
Five Persons	6.1%	61
Total	100.0%	1,007



To place Person Demand into Bedroom Type Units		
Of one-person households in studio units	10%	64
Of two-person households in studio units	0%	0
Of three-person households in studio units	0%	0
Of four-person households in studio units	0%	0
Of five-person households in studio units	0%	0
Of one-person households in 1BR units	60%	384
Of two-person households in 1BR units	10%	20
Of three-person households in 1BR units	0%	0
Of four-person households in 1BR units	0%	0
Of five-person households in 1BR units	0%	0
Of one-person households in 2BR units	30%	192
Of two-person households in 2BR units	90%	180
Of three-person households in 2BR units	0%	0
Of four-person households in 2BR units	0%	0
Of five-person households in 2BR units	0%	0
Of one-person households in 3BR units	0%	0
Of two-person households in 3BR units	0%	0
Of three-person households in 3BR units	90%	50
Of four-person households in 3BR units	70%	36
Of five-person households in 3BR units	30%	18
Of one-person households in 4BR units	0%	0
Of two-person households in 4BR units	0%	0
Of three-person households in 4BR units	10%	6
Of four-person households in 4BR units	30%	16
Of five-person households in 4BR units	35%	21
Of one-person households in 5BR units	0%	0
Of two-person households in 5BR units	0%	0
Of three-person households in 5BR units	0%	0
Of four-person households in 5BR units	0%	0
Of five-person households in 5BR units	35%	21
Total Demand		1,007

Total De	emand (Subject Unit 1	Гуреs)	Additions to Supply		<b>Net Demand</b>
0 BR	-	-	-	=	-
1 BR	403	-	3	=	400
2 BR	372	-	6	=	366
3 BR	-	-	-	=	-
4 BR	-	-	-	=	-
5 BR	-	-	-	=	-
Total	775		9		766
	Developer's Unit Mix	(	Net Demand		Capture Rate
0 BR		/	-	=	-
1 BR	2	/	400	=	0.5%
2 BR	5	/	366	=	1.4%
3 BR		/	-	=	-
4 BR		/	-	=	-
5 RP		,	_	_	_

766



Total

0.9%

# **Overall**

# **NEW RENTER HOUSEHOLD DEMAND BY INCOME COHORT - Overall**

Minimum Income Limi	Minimum Income Limit \$17,670 Maximum Income Limit \$50,800				
Income Category	Change in House	ouseholds - Total holds PMA 2017 to htry July 2019	Income Brackets	Percent within Cohort	Renter Households within Bracket
\$0-9,999	40	12.8%		0.0%	0
\$10,000-19,999	48	15.3%	2,329	23.3%	11
\$20,000-29,999	21	6.8%	9,999	100.0%	21
\$30,000-39,999	14	4.5%	9,999	100.0%	14
\$40,000-49,999	24	7.5%	9,999	100.0%	24
\$50,000-59,999	27	8.4%	800	8.0%	2
\$60,000-74,999	24	7.6%		0.0%	0
\$75,000-99,999	32	10.2%		0.0%	0
\$100,000-124,999	30	9.6%		0.0%	0
\$125,000-149,999	19	6.1%		0.0%	0
\$150,000-199,999	18	5.7%		0.0%	0
\$200,000+	17	5.5%		0.0%	0
Total	317	100.0%		23.1%	73

# POTENTIAL EXISTING HOUSEHOLD DEMAND BY INCOME COHORT - Overall

Minimum Income Limi	t	\$50,800			
Income Category	Total Renter Hous	seholds PMA 2017	Income Brackets	Percent within	Households within
moonie datagory			moonio Brackets	Cohort	Bracket
\$0-9,999	811	16.8%		0.0%	0
\$10,000-19,999	1,243	25.8%	2,329	23.3%	290
\$20,000-29,999	575	11.9%	9,999	100.0%	575
\$30,000-39,999	513	10.7%	9,999	100.0%	513
\$40,000-49,999	351	7.3%	9,999	100.0%	351
\$50,000-59,999	287	6.0%	800	8.0%	23
\$60,000-74,999	246	5.1%		0.0%	0
\$75,000-99,999	272	5.7%		0.0%	0
\$100,000-124,999	246	5.1%		0.0%	0
\$125,000-149,999	112	2.3%		0.0%	0
\$150,000-199,999	85	1.8%		0.0%	0
\$200,000+	72	1.5%		0.0%	0
Total	4,813	100.0%		36.4%	1,751

# **ASSUMPTIONS - Overall**

Tenancy		Senior	% of Income toward	ls Housing	40%
Rural/Urban		Urban	Maximum # of Occupants		2
Persons in Household	0BR	1BR	2BR	3BR	4BR+
1	10%	60%	30%	0%	0%
2	0%	10%	90%	0%	0%
3	0%	0%	0%	90%	10%
4	0%	0%	0%	70%	30%
5+	0%	0%	0%	30%	70%



Income   Parget Population   Overall   New Renter Households PMA   31.7   Percent Income Qualified Households   7.3   Overall   Percent Income Qualified Households   7.3   Overall   Percent Income Qualified Households   7.3   Overall   Percent Income Qualified Households   Percent Income Target Population   Overall   Overa	Demand from New Renter Households 2017 to July 2019		
Percent Income Qualified         23.1%           New Renter Income Qualified Households         73           Demand from Existing Households 2017         Demand from Rent Overburdened Households           Income Target Population         Overall Total Existing Demand         4,813           Income Qualified Renter Households         1,751           Percent Rent Overburdened Prj Mrkt Entry July 2019         55,9%           Rent Overburdened Households         979           Demand from Living in Substandard Housing         1,751           Income Qualified Renter Households         9,3%           Households Living in Substandard Housing         5           Senior Households Converting from Homeownership         5           Income Target Population         Overall Total Senior Homeowners           Income Target Population         Overall Total Senior Demand Converting from Homeownership         9           Total Demand From Existing Households         993           Total Demand (New Plus Existing Households)         1,066           Demand from Seniors Who Convert from Homeownership         9 <th>Income Target Population</th> <th></th> <th>Overall</th>	Income Target Population		Overall
New Renter Income Qualified Households   73	New Renter Households PMA		317
Demand from Existing Households 2017   Demand from Rent Overburdened Households	Percent Income Qualified		23.1%
Demand from Rent Overburdened Households Income Target Population Iotal Existing Demand Iotal Demand Iotal Existing Households Income Qualified Renter Households Iotal Short Demand Iotal Demand Iotal Demand From Homeownership Iotal Iotal Demand Iotal Demand Iotal Demand Iotal Demand Iotal Demand Iotal Io	New Renter Income Qualified Households		73
Notes   Target Population	Demand from Existing Households 2017		
Total Existing Demand         4,813           Income Qualified         36.4%           Income Qualified Renter Households         1,751           Percent Rent Overburdened Prj Mrkt Entry July 2019         55.9%           Rent Overburdened Households         1,751           Percent Rent Eving in Substandard Housing         0.3%           Income Qualified Renter Households         1,751           Percent Living in Substandard Housing         0.3%           Households Living in Substandard Housing         5           Senior Households Converting from Homeownership         0.3%           Income Target Population         Overall           Total Senior Homeowners         8,764           Rural Versus Urban         0.1%           Senior Demand Converting from Homeownership         9           Total Demand from Existing Households         993           Total Demand (New Plus Existing Households)         1,066           Demand from Seniors Who Convert from Homeownership         9           Percent of Total Demand From Homeownership Conversion         0.8%           Is this Demand Over 2 percent of Total Demand?         No           By Bedroom Demand         63.5%         676           Tore Person         63.5%         55           Five Persons <td< td=""><td>Demand from Rent Overburdened Households</td><td></td><td></td></td<>	Demand from Rent Overburdened Households		
Income Qualified   36.4%   1.751   1	Income Target Population		Overall
1,751   1,75	Total Existing Demand		4,813
Percent Rent Overburdened Prj Mrkt Entry July 2019         55.9%           Rent Overburdened Households         979           Demand from Living in Substandard Housing         1,751           Percent Living in Substandard Housing         0.3%           Households Living in Substandard Housing         5           Senior Households Converting from Homeownership         Overall           Income Target Population         Overall           Iotal Senior Homeowners         8,764           Rural Versus Urban         0.1%           Senior Demand Converting from Homeownership         9           Total Demand         73           Total Demand from Existing Households         993           Total I Demand (New Plus Existing Households)         1,066           Demand from Seniors Who Convert from Homeownership         9           Demand from Seniors Who Convert from Homeownership         9           Percent of Total Demand From Homeownership Conversion         0.8%           Is this Demand Over 2 percent of Total Demand?         No           By Bedroom Demand         63.5%         676           Tive Person         5.5%         59           Four Persons         5.1%         55           Five Persons         6.1%         64	Income Qualified		36.4%
Rent Overburdened Households  Demand from Living in Substandard Housing Income Qualified Renter Households Percent Living in Substandard Housing Income Qualified Renter Households Percent Living in Substandard Housing Total Senior Households Converting from Homeownership Income Target Population Income Earget Population	Income Qualified Renter Households		1,751
Demand from Living in Substandard Housing Income Qualified Renter Households Percent Living in Substandard Housing O.3% Households Living in Substandard Housing Senior Households Converting from Homeownership Income Target Population Total Senior Homeowners Rural Versus Urban O.1% Senior Demand Converting from Homeownership  Total Demand Gonverting from Homeownership 9  Total Demand From Existing Households Total Demand (New Plus Existing Households) Demand from Seniors Who Convert from Homeownership 9 Percent of Total Demand From Homeownership 0.8% Is this Demand Over 2 percent of Total Demand? No  By Bedroom Demand Deepson 63.5% 676 Invo Persons 19.8% 211 Three Persons 5.5% 59 Four Persons 66.1% 64	Percent Rent Overburdened Prj Mrkt Entry July 2019		55.9%
1,751   1,75	Rent Overburdened Households		979
Percent Living in Substandard Housing         0.3%           Households Living in Substandard Housing         5           Senior Households Converting from Homeownership         Senior Homeowners         Overall           Income Target Population         8,764           Rural Versus Urban         0.1%         9           Senior Demand Converting from Homeownership         9           Total Demand         73         1           Total Demand from Existing Households         993         1           Total Demand (New Plus Existing Households)         1,066         1,066           Demand from Seniors Who Convert from Homeownership         9         9           Percent of Total Demand From Homeownership Conversion         0.8%         8           Is this Demand Over 2 percent of Total Demand?         No         No           By Bedroom Demand         63.5%         676           Two Persons         19.8%         211           Three Persons         5.5%         59           Four Persons         5.1%         55           Five Persons         6.1%         64	Demand from Living in Substandard Housing		
Households Living in Substandard Housing  Senior Households Converting from Homeownership Income Target Population Total Senior Homeowners Senior Demand Converting from Homeownership  Total Demand Total Demand From Existing Households Total Demand (New Plus Existing Households)  Demand from Seniors Who Convert from Homeownership  Percent of Total Demand From Homeownership Percent of Total Demand From Homeownership Onversion Is this Demand Over 2 percent of Total Demand?  By Bedroom Demand  One Person  Four Persons Four Persons Four Persons Five Persons Five Persons  Senior Homeownership Overall Overall Senior Homeownership Overall Senior Homeowne	Income Qualified Renter Households		1,751
Senior Households Converting from Homeownership Income Target Population Total Senior Homeowners Rural Versus Urban O.1% Senior Demand Converting from Homeownership 9  Total Demand Total Demand Total Demand (New Plus Existing Households) Demand (New Plus Existing Households) Demand from Seniors Who Convert from Homeownership Percent of Total Demand From Homeownership Percent of Total Demand From Homeownership Percent of Total Demand Prom Homeownership Rushis Demand Over 2 percent of Total Demand? No  By Bedroom Demand One Person Four Persons Four Persons Four Persons Four Persons Five Persons Five Persons Five Persons  Overall Overall Stanta Homeownership 9 9 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 6 7 8 9 7 9 8 9 8 9 8 9 8 9 8 9 8 9 8 9 8	Percent Living in Substandard Housing		0.3%
Note	Households Living in Substandard Housing		5
Total Senior Homeowners         8,764           Rural Versus Urban         0.1%           Senior Demand Converting from Homeownership         9           Total Demand         73           Total Demand from Existing Households         993           Total New Demand         73           Total Demand (New Plus Existing Households)         1,066           Demand from Seniors Who Convert from Homeownership         9           Percent of Total Demand From Homeownership Conversion         0.8%           Is this Demand Over 2 percent of Total Demand?         No           By Bedroom Demand         63.5%         676           Two Persons         19.8%         211           Three Persons         5.5%         59           Four Persons         5.1%         55           Five Persons         6.1%         64	Senior Households Converting from Homeownership		
Rural Versus Urban   0.1%   Senior Demand Converting from Homeownership   9	Income Target Population		Overall
Senior Demand Converting from Homeownership         9           Total Demand         993           Total Demand from Existing Households         73           Total Demand (New Demand         73           Total Demand (New Plus Existing Households)         1,066           Demand from Seniors Who Convert from Homeownership         9           Percent of Total Demand From Homeownership Conversion         0.8%           Is this Demand Over 2 percent of Total Demand?         No           By Bedroom Demand         63.5%         676           Two Persons         19.8%         211           Three Persons         5.5%         59           Four Persons         5.1%         55           Five Persons         6.1%         64	Total Senior Homeowners		8,764
Total Demand           Total Demand from Existing Households         993           Total New Demand         73           Total Demand (New Plus Existing Households)         1,066           Demand from Seniors Who Convert from Homeownership         9           Percent of Total Demand From Homeownership Conversion         0.8%           Is this Demand Over 2 percent of Total Demand?         No           By Bedroom Demand         63.5%         676           Two Persons         19.8%         211           Three Persons         5.5%         59           Four Persons         5.1%         55           Five Persons         6.1%         64	Rural Versus Urban 0.1%		
Total Demand from Existing Households       993         Total New Demand       73         Total Demand (New Plus Existing Households)       1,066         Demand from Seniors Who Convert from Homeownership       9         Percent of Total Demand From Homeownership Conversion       0.8%         Is this Demand Over 2 percent of Total Demand?       No         By Bedroom Demand       63.5%       676         Two Persons       19.8%       211         Three Persons       5.5%       59         Four Persons       5.1%       55         Five Persons       6.1%       64	Senior Demand Converting from Homeownership		9
Total New Demand         73           Total Demand (New Plus Existing Households)         1,066           Demand from Seniors Who Convert from Homeownership         9           Percent of Total Demand From Homeownership Conversion         0.8%           Is this Demand Over 2 percent of Total Demand?         No           By Bedroom Demand         63.5%         676           Two Persons         19.8%         211           Three Persons         5.5%         59           Four Persons         5.1%         55           Five Persons         6.1%         64	Total Demand		
Total Demand (New Plus Existing Households)  Demand from Seniors Who Convert from Homeownership Percent of Total Demand From Homeownership Conversion Strip Demand Over 2 percent of Total Demand?  No  By Bedroom Demand  One Person Five Persons Four Persons Five Persons Five Persons  1,066  1,066  9  0.8% No  63.5% 676  19.8% 211  55  59  Four Persons Five	Total Demand from Existing Households		
Demand from Seniors Who Convert from Homeownership Percent of Total Demand From Homeownership Conversion Is this Demand Over 2 percent of Total Demand?  By Bedroom Demand One Person Five Persons Four Persons Five Persons  Demand From Homeownership One Person Five Persons Five Persons Five Persons  Demand From Homeownership One One One Homeownership One	Total New Demand		
Percent of Total Demand From Homeownership Conversion       0.8%         Is this Demand Over 2 percent of Total Demand?       No         By Bedroom Demand       83.5%       676         Two Persons       19.8%       211         Three Persons       5.5%       59         Four Persons       5.1%       55         Five Persons       6.1%       64	Total Demand (New Plus Existing Households)		1,066
Is this Demand Over 2 percent of Total Demand?       No         By Bedroom Demand         One Person       63.5%       676         Two Persons       19.8%       211         Three Persons       5.5%       59         Four Persons       5.1%       55         Five Persons       6.1%       64	Demand from Seniors Who Convert from Homeownership		
By Bedroom Demand         One Person       63.5%       676         Two Persons       19.8%       211         Three Persons       5.5%       59         Four Persons       5.1%       55         Five Persons       6.1%       64	Percent of Total Demand From Homeownership Conversion		0.8%
One Person       63.5%       676         Two Persons       19.8%       211         Three Persons       5.5%       59         Four Persons       5.1%       55         Five Persons       6.1%       64	Is this Demand Over 2 percent of Total Demand?		No
Two Persons       19.8%       211         Three Persons       5.5%       59         Four Persons       5.1%       55         Five Persons       6.1%       64	By Bedroom Demand		
Three Persons       5.5%       59         Four Persons       5.1%       55         Five Persons       6.1%       64	One Person		
Four Persons         5.1%         55           Five Persons         6.1%         64	Two Persons		
Five Persons 6.1% 64	Three Persons		
	Four Persons	5.1%	
Total 100.0% 1,066	Five Persons	6.1%	64
	Total	100.0%	1,066



Of one-person households in studio units         10%         68           Of two-person households in studio units         0%         0           Of four-person households in studio units         0%         0           Of four-person households in studio units         0%         0           Of five-person households in studio units         0%         0           Of one-person households in 1BR units         60%         406           Of two-person households in 1BR units         10%         21           Of four-person households in 1BR units         0%         0           Of four-person households in 1BR units         0%         0           Of four-person households in 1BR units         0%         0           Of one-person households in 1BR units         0%         0           Of one-person households in 1BR units         0%         0           Of two-person households in 2BR units         0%         0           Of two-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of turp-person households in 3BR units         0%         <	To place Person Demand into Bedroom Type Units		
Of three-person households in studio units         0%         0           Of four-person households in studio units         0%         0           Of five-person households in studio units         0%         0           Of one-person households in 1BR units         60%         406           Of two-person households in 1BR units         0%         0           Of four-person households in 1BR units         0%         0           Of four-person households in 1BR units         0%         0           Of one-person households in 2BR units         0%         0           Of one-person households in 2BR units         90%         190           Of two-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of four-person households in 3BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of four-person households in 3BR units         0%         0           Of four-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0	Of one-person households in studio units	10%	68
Of four-person households in studio units         0%         0           Of five-person households in studio units         0%         0           Of one-person households in 1BR units         60%         406           Of two-person households in 1BR units         10%         21           Of four-person households in 1BR units         0%         0           Of four-person households in 1BR units         0%         0           Of one-person households in 2BR units         0%         0           Of one-person households in 2BR units         30%         203           Of two-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of five-person households in 3BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of two-person households in 3BR units         90%         53           Of five-person households in 4BR units         0%         0           Of one-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0 </td <td>Of two-person households in studio units</td> <td>0%</td> <td>0</td>	Of two-person households in studio units	0%	0
Of five-person households in 1BR units         0%         0           Of one-person households in 1BR units         60%         406           Of two-person households in 1BR units         10%         21           Of three-person households in 1BR units         0%         0           Of four-person households in 1BR units         0%         0           Of five-person households in 1BR units         0%         0           Of one-person households in 2BR units         30%         203           Of two-person households in 2BR units         90%         190           Of two-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of five-person households in 2BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of five-person households in 3BR units         70%         38           Of five-person households in 3BR units         0%         0           Of one-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0 <td>Of three-person households in studio units</td> <td>0%</td> <td>0</td>	Of three-person households in studio units	0%	0
Of one-person households in 1BR units         60%         406           Of two-person households in 1BR units         10%         21           Of three-person households in 1BR units         0%         0           Of four-person households in 1BR units         0%         0           Of five-person households in 1BR units         0%         0           Of one-person households in 2BR units         30%         203           Of two-person households in 2BR units         90%         190           Of three-person households in 2BR units         0%         0           Of off ive-person households in 2BR units         0%         0           Of five-person households in 3BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of two-person households in 3BR units         90%         53           Of four-person households in 3BR units         70%         38           Of five-person households in 4BR units         0%         0           Of one-person households in 4BR units         0%         0           Of three-person households in 4BR units         0%         0           Of five-person households in 4BR units         0%	Of four-person households in studio units	0%	0
Of two-person households in 1BR units       10%       21         Of three-person households in 1BR units       0%       0         Of four-person households in 1BR units       0%       0         Of five-person households in 1BR units       0%       0         Of one-person households in 2BR units       30%       203         Of two-person households in 2BR units       90%       190         Of three-person households in 2BR units       0%       0         Of four-person households in 2BR units       0%       0         Of five-person households in 2BR units       0%       0         Of one-person households in 3BR units       0%       0         Of two-person households in 3BR units       0%       0         Of two-person households in 3BR units       0%       0         Of two-person households in 3BR units       70%       38         Of four-person households in 3BR units       70%       38         Of one-person households in 4BR units       0%       0         Of two-person households in 4BR units       0%       0         Of two-person households in 4BR units       0%       0         Of one-person households in 4BR units       0%       0         Of one-person households in 5BR units       0%       <	Of five-person households in studio units	0%	0
Of three-person households in 1BR units         0%         0           Of four-person households in 1BR units         0%         0           Of five-person households in 1BR units         0%         0           Of one-person households in 2BR units         30%         203           Of two-person households in 2BR units         90%         190           Of four-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of five-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of two-person households in 3BR units         90%         53           Of four-person households in 3BR units         90%         53           Of five-person households in 3BR units         90%         53           Of five-person households in 3BR units         90%         53           Of five-person households in 4BR units         0%         0           Of one-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0           Of one-person households in 4BR units         0%         0           Of one-person households in 5BR units         0%         0<	Of one-person households in 1BR units	60%	406
Of four-person households in 1BR units         0%         0           Of five-person households in 1BR units         0%         0           Of one-person households in 2BR units         30%         203           Of two-person households in 2BR units         90%         190           Of two-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of five-person households in 2BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of three-person households in 3BR units         90%         53           Of five-person households in 3BR units         70%         38           Of five-person households in 3BR units         30%         19           Of one-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0           Of four-person households in 4BR units         0%         0           Of one-person households in 4BR units         35%         23           Of one-person households in 5BR units         0%         0           Of two-person households in 5BR units         0%         0 <td>Of two-person households in 1BR units</td> <td>10%</td> <td>21</td>	Of two-person households in 1BR units	10%	21
Of five-person households in 1BR units         0%         0           Of one-person households in 2BR units         30%         203           Of two-person households in 2BR units         90%         190           Of three-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of five-person households in 2BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of two-person households in 3BR units         90%         53           Of four-person households in 3BR units         70%         38           Of five-person households in 3BR units         70%         38           Of five-person households in 4BR units         0%         0           Of one-person households in 4BR units         0%         0           Of three-person households in 4BR units         0%         0           Of five-person households in 4BR units         30%         16           Of five-person households in 5BR units         0%         0           Of one-person households in 5BR units         0%         0           Of two-person households in 5BR units         0%         0	Of three-person households in 1BR units	0%	0
Of one-person households in 2BR units         30%         203           Of two-person households in 2BR units         90%         190           Of three-person households in 2BR units         0%         0           Of four-person households in 2BR units         0%         0           Of five-person households in 2BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of three-person households in 3BR units         90%         53           Of four-person households in 3BR units         70%         38           Of five-person households in 3BR units         30%         19           Of one-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0           Of four-person households in 4BR units         30%         16           Of five-person households in 4BR units         30%         16           Of five-person households in 5BR units         0%         0           Of one-person households in 5BR units         0%         0           Of three-person households in 5BR units         0% <t< td=""><td>Of four-person households in 1BR units</td><td>0%</td><td>0</td></t<>	Of four-person households in 1BR units	0%	0
Of two-person households in 2BR units90%190Of three-person households in 2BR units0%0Of four-person households in 2BR units0%0Of five-person households in 2BR units0%0Of one-person households in 3BR units0%0Of two-person households in 3BR units0%0Of three-person households in 3BR units90%53Of four-person households in 3BR units70%38Of five-person households in 3BR units70%38Of five-person households in 4BR units0%0Of two-person households in 4BR units0%0Of three-person households in 4BR units0%0Of four-person households in 4BR units10%6Of four-person households in 4BR units30%16Of five-person households in 4BR units30%16Of five-person households in 5BR units0%0Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units0%0	Of five-person households in 1BR units	0%	0
Of three-person households in 2BR units0%0Of four-person households in 2BR units0%0Of five-person households in 2BR units0%0Of one-person households in 3BR units0%0Of two-person households in 3BR units0%0Of three-person households in 3BR units90%53Of four-person households in 3BR units70%38Of five-person households in 3BR units30%19Of one-person households in 4BR units0%0Of two-person households in 4BR units0%0Of three-person households in 4BR units10%6Of four-person households in 4BR units30%16Of five-person households in 4BR units30%16Of five-person households in 5BR units0%0Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of four-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units0%0	Of one-person households in 2BR units	30%	203
Of four-person households in 2BR units         0%         0           Of five-person households in 2BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of three-person households in 3BR units         90%         53           Of four-person households in 3BR units         70%         38           Of five-person households in 3BR units         30%         19           Of one-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0           Of four-person households in 4BR units         30%         16           Of five-person households in 4BR units         30%         16           Of five-person households in 5BR units         0%         0           Of two-person households in 5BR units         0%         0           Of three-person households in 5BR units         0%         0           Of four-person households in 5BR units         0%         0           Of four-person households in 5BR units         0%         0           Of five-person households in 5BR units         0%         0           Of five-person households in 5BR units         0%         0<	Of two-person households in 2BR units	90%	190
Of five-person households in 2BR units         0%         0           Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of three-person households in 3BR units         90%         53           Of four-person households in 3BR units         70%         38           Of five-person households in 3BR units         30%         19           Of one-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0           Of four-person households in 4BR units         10%         6           Of five-person households in 4BR units         30%         16           Of five-person households in 4BR units         35%         23           Of one-person households in 5BR units         0%         0           Of two-person households in 5BR units         0%         0           Of three-person households in 5BR units         0%         0           Of four-person households in 5BR units         0%         0           Of five-person households in 5BR units         0%         0           Of five-person households in 5BR units         0%         0	Of three-person households in 2BR units	0%	0
Of one-person households in 3BR units         0%         0           Of two-person households in 3BR units         0%         0           Of three-person households in 3BR units         90%         53           Of four-person households in 3BR units         70%         38           Of five-person households in 3BR units         30%         19           Of one-person households in 4BR units         0%         0           Of two-person households in 4BR units         0%         0           Of four-person households in 4BR units         10%         6           Of five-person households in 4BR units         30%         16           Of five-person households in 5BR units         0%         0           Of two-person households in 5BR units         0%         0           Of three-person households in 5BR units         0%         0           Of four-person households in 5BR units         0%         0           Of five-person households in 5BR units         0%         0           Of five-person households in 5BR units         0%         0           Of five-person households in 5BR units         0%         0	Of four-person households in 2BR units	0%	0
Of two-person households in 3BR units       0%       0         Of three-person households in 3BR units       90%       53         Of four-person households in 3BR units       70%       38         Of five-person households in 3BR units       30%       19         Of one-person households in 4BR units       0%       0         Of two-person households in 4BR units       0%       0         Of four-person households in 4BR units       10%       6         Of five-person households in 4BR units       30%       16         Of five-person households in 4BR units       35%       23         Of one-person households in 5BR units       0%       0         Of two-person households in 5BR units       0%       0         Of three-person households in 5BR units       0%       0         Of four-person households in 5BR units       0%       0         Of four-person households in 5BR units       0%       0         Of five-person households in 5BR units       0%       0         Of five-person households in 5BR units       0%       0         Of five-person households in 5BR units       35%       23	Of five-person households in 2BR units	0%	0
Of three-person households in 3BR units       90%       53         Of four-person households in 3BR units       70%       38         Of five-person households in 3BR units       30%       19         Of one-person households in 4BR units       0%       0         Of two-person households in 4BR units       0%       0         Of four-person households in 4BR units       10%       6         Of five-person households in 4BR units       30%       16         Of five-person households in 5BR units       0%       0         Of two-person households in 5BR units       0%       0         Of three-person households in 5BR units       0%       0         Of four-person households in 5BR units       0%       0         Of four-person households in 5BR units       0%       0         Of five-person households in 5BR units       35%       23	Of one-person households in 3BR units	0%	0
Of four-person households in 3BR units70%38Of five-person households in 3BR units30%19Of one-person households in 4BR units0%0Of two-person households in 4BR units0%0Of three-person households in 4BR units10%6Of four-person households in 4BR units30%16Of five-person households in 4BR units35%23Of one-person households in 5BR units0%0Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units0%0Of five-person households in 5BR units0%0	Of two-person households in 3BR units	0%	0
Of five-person households in 3BR units30%19Of one-person households in 4BR units0%0Of two-person households in 4BR units0%0Of four-person households in 4BR units10%6Of four-person households in 4BR units30%16Of five-person households in 4BR units35%23Of one-person households in 5BR units0%0Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units0%0Of five-person households in 5BR units0%0	Of three-person households in 3BR units	90%	53
Of one-person households in 4BR units       0%       0         Of two-person households in 4BR units       0%       0         Of three-person households in 4BR units       10%       6         Of four-person households in 4BR units       30%       16         Of five-person households in 4BR units       35%       23         Of one-person households in 5BR units       0%       0         Of two-person households in 5BR units       0%       0         Of four-person households in 5BR units       0%       0         Of four-person households in 5BR units       0%       0         Of five-person households in 5BR units       0%       0         Of five-person households in 5BR units       35%       23	Of four-person households in 3BR units	70%	38
Of two-person households in 4BR units0%0Of three-person households in 4BR units10%6Of four-person households in 4BR units30%16Of five-person households in 4BR units35%23Of one-person households in 5BR units0%0Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units0%0Of five-person households in 5BR units35%23	Of five-person households in 3BR units	30%	19
Of three-person households in 4BR units10%6Of four-person households in 4BR units30%16Of five-person households in 4BR units35%23Of one-person households in 5BR units0%0Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units0%0Of five-person households in 5BR units35%23	Of one-person households in 4BR units	0%	0
Of four-person households in 4BR units       30%       16         Of five-person households in 4BR units       35%       23         Of one-person households in 5BR units       0%       0         Of two-person households in 5BR units       0%       0         Of three-person households in 5BR units       0%       0         Of four-person households in 5BR units       0%       0         Of five-person households in 5BR units       35%       23	Of two-person households in 4BR units	0%	0
Of five-person households in 4BR units35%23Of one-person households in 5BR units0%0Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units0%0Of five-person households in 5BR units35%23	Of three-person households in 4BR units	10%	6
Of one-person households in 5BR units0%0Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units35%23	Of four-person households in 4BR units	30%	16
Of two-person households in 5BR units0%0Of three-person households in 5BR units0%0Of four-person households in 5BR units0%0Of five-person households in 5BR units35%23	Of five-person households in 4BR units	35%	23
Of three-person households in 5BR units Of four-person households in 5BR units Of five-person households in 5BR units Of five-person households in 5BR units Of five-person households in 5BR units Of three-person households in 5BR units	Of one-person households in 5BR units	0%	0
Of four-person households in 5BR units 0% 0 Of five-person households in 5BR units 35% 23	Of two-person households in 5BR units	0%	0
Of five-person households in 5BR units 35% 23	Of three-person households in 5BR units	0%	0
'	Of four-person households in 5BR units	0%	0
Total Demand 1,066	Of five-person households in 5BR units	35%	23
	Total Demand		1,066

Total De	emand (Subject Unit T	ypes)	Additions to Supply		Net Demand
0 BR	-	-	-	=	-
1 BR	427	-	100	=	327
2 BR	393	-	41	=	352
3 BR	-	-	-	=	-
4 BR	-	-	-	=	-
5 BR	-	-	-	=	-
Total	820		141		679
	Developer's Unit Mix		Net Demand		Capture Rate
0 BR		/	-	=	-
1 BR	24	/	327	=	7.3%
2 BR	46	/	352	=	13.1%
3 BR		/	-	=	-
4 DD		/	_	=	_
4 BR		/	_	_	
4 BR 5 BR		/	-	=	-



# **Conclusions**

We have conducted such an analysis to determine a base of demand for the Subject as a tax credit property. Several factors affect the indicated capture rates and are discussed following.

- The number of senior households in the PMA is expected to increase 2.1 percent between 2016 and 2021.
- Several new additions to supply are coming online in the PMA in the next few years. A total of 359
  new units will be added to the market, including 141 senior LIHTC units. These will compete directly
  with the Subject.
- This demand analysis does not measure the PMA's or Subject's ability to attract additional or latent demand into the market from elsewhere by offering an affordable option. We believe this to be moderate and therefore the demand analysis is somewhat conservative in its conclusions because this demand is not included.

The following table illustrates demand and net demand for the Subject's units. Note that these capture rates are not based on appropriate bedroom types, as calculated previously.

#### **DEMAND AND NET DEMAND**

	HH at 50% AMI (\$17,670 to \$25,400)	HH at 60% AMI (\$20,370 to \$30,480)	HH at All LIHTC (\$17,670 to \$30,480)	HH > 60% AMI (\$18,450 to \$50,800)	All Households
Demand from New Households (age and income appropriate)	23	21	33	69	73
PLUS	+	+	+	+	+
Demand from Existing Renter Households - Substandard Housing	2	2	2	4	5
PLUS	+	+	+	+	+
Demand from Existing Renter Housholds - Rent Overburdened Households	335	323	497	925	979
Sub Total	360	346	533	999	1,057
Demand from Existing Households - Elderly Homeowner Turnover (Limited to 2% where applicable)	6	6	6	9	9
Equals Total Demand	366	352	539	1,007	1,066
Less	-	-	-	-	-
Competitive New Supply	42	90	132	9	141
Equals Net Demand	324	262	407	998	925



Georgia DCA determines project feasibility as follows:

Market capture rates 30 percent or less for all efficiency, one (1) and two (2) bedroom units, 40 percent or less for all three (3) bedroom units, and less 50 percent or less for all four (4) bedroom units in the project. In Rural areas, (as defined in the QAP) market feasibility will be based on market capture rates of 35 percent or less for all efficiency one (1) bedroom units, and two (2) bedroom units, 40 percent or less for all three (3) bedroom units and 50 percent or less for all four (4) or more bedroom units in the project. The overall capture rate for all Tax Credit and Market Rate Units shall not exceed 30 percent for Applications in the Flexible Pool and 35 percent for Applications in the Rural Pool.

Market capture rates for each bedroom type within each AMI market segment type (i.e. 30%, 50%, 60% & market) shall not exceed 70 percent. For example, the capture rate for 1 bedroom units at 50% AMI should not exceed 70 percent.

CAPTURE	RATE	ANALYSIS	CHART

Unit Type	Minimum Income	Maximum Income	Units Proposed	Total Demand	Supply	Net Demand	Capture Rate	Absorption	Average Market Rents	Minimum Market Rent	Maximum Market Rent	Proposed Rents
1BR at 50% AMI	\$17,670	\$22,250	12	147	34	113	10.7%	Four to five months	\$761	\$449	\$1,846	\$435
1BR at 60% AMI	\$20,370	\$26,700	10	141	63	78	12.8%	Four to five months	\$831	\$460	\$1,846	\$525
1BR AII LIHTC	\$17,670	\$26,700	22	216	97	119	18.5%	Four to five months	-	-	-	-
1BR Unrestricted	\$18,450	\$44,500	2	403	3	400	0.5%	Four to five months	\$924	\$529	\$1,846	\$615
1BR Overall	\$17,670	\$44,500	24	427	100	327	7.3%	Four to five months	-	-	-	-
2BR at 50% AMI	\$21,390	\$25,400	20	135	8	127	15.8%	Four to five months	\$960	\$520	\$2,527	\$530
2BR at 60% AMI	\$24,690	\$30,480	21	130	27	103	20.4%	Four to five months	\$1,062	\$575	\$2,527	\$640
2BR All LIHTC	\$21,390	\$30,480	41	199	35	164	25.0%	Four to five months	-	-	-	-
2BR Unrestricted	\$22,050	\$50,800	5	372	6	366	1.4%	Four to five months	\$1,193	\$597	\$2,527	\$735
2BR Overall	\$21,390	\$50,800	46	393	41	352	13.1%	Four to five months	-	-	-	-
50% AMI Overall	\$17,670	\$25,400	32	281	42	239	13.4%	Four to five months	-	-	-	-
60% AMI Overall	\$20,370	\$30,480	31	271	90	181	17.1%	Four to five months	-	-	-	-
All LIHTC Overall	\$17,670	\$30,480	63	415	132	283	22.3%	Four to five months	-	-	-	-
Unrestricted Overall	\$18,450	\$50,800	7	775	9	766	0.9%	Four to five months	-	-	-	-
Overall	\$17,670	\$50,800	70	820	141	679	10.3%	Four to five months	=	-	-	-

As the analysis illustrates, the Subject's capture rates at the 50 percent AMI level is 13.4, at the 60 percent AMI level is 17.1 percent, the all LIHTC capture rate is 22.3 percent, the market rate capture rate is 0.9 percent, and the overall capture rate is 10.3 percent, all of which are below GA DCA's capture rate thresholds.



# H. COMPETITIVE RENTAL ANALYSIS

#### **Survey of Comparable Projects**

Comparable properties are examined on the basis of physical characteristics, i.e. building type, age/quality, level of common amenities, absorption, as well as similarity in rent. We attempted to compare the Subject to complexes from the competing market to provide a broader picture of the health and available supply in the market. Our competitive survey includes nine "true" comparable properties containing 1,234 units. A detailed matrix describing the individual competitive properties as well as the proposed Subject is provided on the following pages. A map illustrating the location of the Subject in relation to comparable properties is also provided on the following pages. The properties are further profiled in the following write-ups. The property descriptions include information on vacancy, turnover, absorption, age, competition, and the general health of the rental market, when available.

The availability of LIHTC data is considered good. However, many of these properties have been excluded as comparables because they offer dissimilar styles, dissimilar unit mixes, rents at dissimilar levels of AMI, and are located further from the Subject than the selected comparables. We have included four senior LIHTC properties as comparables, two of which are located outside of the PMA. These are located within close proximity of the Subject and are included because they offer similar unit mixes, similar AMI levels, and targeted tenancy. The comparable LIHTC properties are located between 1.3 and 11.7 miles of the proposed Subject.

The availability of market-rate data is considered good. The Subject is located in Savannah, and there are several market-rate properties in the area. We have included five conventional properties in our analysis of the competitive market, one of which is a senior property. All of the market-rate properties are located in the PMA, between 0.6 and 5.4 miles from the Subject site. These comparables were built or renovated between 1983 and 2014. Overall, we believe the properties used in our analysis are the most comparable.

### **Excluded Properties**

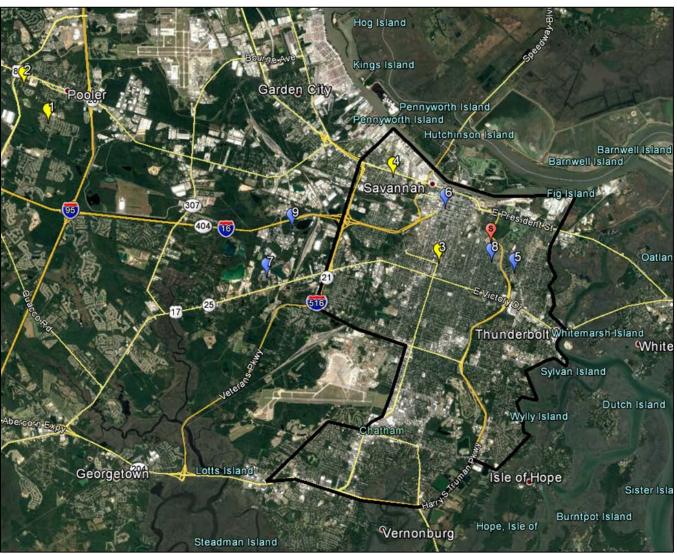
The following table illustrates properties within the PMA that have been excluded from our analysis along with their reason for exclusion.

#### **EXCLUDED PROPERTIES**

EXCLUDED PROPERTIES											
Property Name	Program	Location	Tenancy	# of Units	Reason for Exclusion						
Romana - Riley Lofts	LIHTC	Savannah	Senior	57	Allocated 2016 - Under Construction						
Savannah Gardens III	LIHTC	Savannah	Family	94	Tenancy not comparable						
Heritage Place	LIHTC	Savannah	Family	88	Tenancy not comparable						
Heritage Corner & Heritage Row	LIHTC	Savannah	Family	72	Tenancy not comparable						
Hitch Village Phase I	LIHTC	Savannah	Family	72	Proposed						
Hitch Village Phase II	LIHTC	Savannah	Family	100	Proposed						
Montgomery Landing	LIHTC	Savannah	Family	144	Tenancy not comparable						
Savannah Gardens V	LIHTC	Savannah	Family	76	Tenancy not comparable						
Savannah Gardens II	LIHTC	Savannah	Senior	39	Subsidized						
Rose of Sharon	LIHTC	Savannah	Senior	206	Dissimilar style						
Savannah Gardens I	LIHTC	Savannah	Family	115	Tenancy not comparable						
Sustainable Fellwood I	LIHTC/PHA/Market	Savannah	Family	110	Tenancy not comparable						
Sustainable Fellwood II	LIHTC/PHA/Market	Savannah	Family	110	Tenancy not comparable						
Ashley Midtown I	LIHTC/PHA/Market	Savannah	Family	166	Tenancy not comparable						
Ashley Midtown II	LIHTC/PHA/Market	Savannah	Family	38	Tenancy not comparable						
SNAP I, II, III	LIHTC/Section 8	Savannah	Family	191	Rent subsidized; tenancy not comparable						
Telfair Arms	LIHTC/Section 8	Savannah	Senior	52	Subsidized, proposed for renovation						
Savannah Gardens IV	LIHTC/Market	Savannah	Family	114	Tenancy not comparable						
Cars V Inc	Section 8	Savannah	Disabled	5	Rent subsidized; tenancy not comparable						
Chatham Assoc For Res Sev Inc I	Section 8	Savannah	Disabled	16	Rent subsidized; tenancy not comparable						
Chatham Assoc For Res Sev Inc II	Section 8	Savannah	Disabled	5	Rent subsidized; tenancy not comparable						
Georgia Infirmary A/ Habersham Place	Section 8	Savannah	Disabled	11	Rent subsidized; tenancy not comparable						
Georgia Infirmary B/ Habersham Place	Section 8	Savannah	Disabled	13	Rent subsidized; tenancy not comparable						
Ponderosa Forest Apts	Section 8	Savannah	Family	56	Rent subsidized; tenancy not comparable						
Presidential Plaza I	Section 8	Savannah	Family	116	Rent subsidized; tenancy not comparable						
St. Johns Villa Apartments	Section 8	Savannah	Senior	19	Subsidized						
Presidential Plaza II	Section 8	Savannah	Family	116	Rent subsidized; tenancy not comparable						
Thomas Francis Williams Court Apts	Section 8	Savannah	Senior	151	Subsidized						
Alhambra Apartments	Market	Savannah	Family	150	Closer comparables						
Avenues On 61st	Market	Savannah	Family	32	Dissimilar unit types						
Carriage House Apartments	Market	Savannah	Family	144	Closer comparables						
Colonial Village At Huntington	Market	Savannah	Family	151	Closer comparables						
Cypress Landing	Market	Savannah	Family	200	Inferior age/condition						
Greentree Apartments	Market	Savannah	Family	194	Inferior age/condition						
Jasmine Place	Market	Savannah	Family	112	Dissimilar unit mix						
Kingstown Apartments	Market	Savannah	Family	129	Dissimilar unit mix						
Marsh Cove	Market	Savannah	Family	188	Closer comparables						
One West Victory	Market	Savannah	Family	114	Student housing						
Royal Oaks	Market	Savannah	Family	208	Dissimilar unit mix						
Spanish Villa	Market	Savannah	Family	232	Inferior age/condition						
Strathmore Estates	Market	Savannah	Family	103	Inferior age/condition						
Sunrise Villas	Market	Savannah	Family	148	Dissimilar unit mix						
Townwoods Apartments	Market	Savannah	Family	62	Dissimilar unit mix						
Jasmine Place	Market	Savannah	Family	6∠ 112	Tenancy not comparable						
Green Growth 1	Market	Savannah	Family		Closer comparables						
Courtney Station Apartments		Savannah	•	66 300	Could not contact						
, .	Market		Family	300							
East Broad Apartments	Public Housing	Savannah	Family	69	Tenancy not comparable						



### **Comparable Rental Property Map**



Source: Google Earth, April 2017.

#### **COMPARABLE PROPERTIES**

#	Property Name	Туре	Tenancy	Distance from Subject (miles)
1	Pinewood Village	LIHTC, Non-Rental	Senior	10.7
2	Sheppard Station Apartments	LIHTC, Market	Senior	11.7
3	Sisters Court Apartments	LIHTC, Non-Rental	Senior	1.3
4	Sustainable Fellwood III	LIHTC, PBRA, Market	Senior	2.8
5	Chelsea At Five Points	Market	Family	0.8
6	Drayton Tower	Market	Family	1.3
7	The Fountains At Chatham Parkway	Market	Family	5.4
8	Veranda At Midtown	Market, PBRA	Senior	0.6
9	Walden At Chatham Center	Market	Family	4.8

# 1. The following tables illustrate detailed information in a comparable framework for the Subject and the comparable properties.

SUMMARY MATRIX

_				Market /			_		Rent	Size	Max	Wait	Units	Vacancy
Comp #	Project	Distance	Type / Built / Renovated	Subsidy	Units			Restriction	(Adj.)	(SF)	Rent?	List?	Vacant	Vacancy Rate
Subject	Live Oak Landing	n/a	Various (age-restricted)	LIHTC	1BR / 1BA (Lowrise)	6	8.6%	@50%	\$435	690	no		N/A	N/A
	1210 Wheaton Street		Proposed		1BR / 1BA (Lowrise)	5 1	7.1%	@60% Market	\$525 \$615	690 690	no no		N/A N/A	N/A N/A
	Savannah, GA 31404 Chatham County				1BR / 1BA (Lowrise) 1BR / 1BA (One-story)	6	8.6%	@50%	\$435	750	no		N/A N/A	N/A N/A
	Chatham County				1BR / 1BA (One-story)	5	7.1%	@60%	\$525	750	no		N/A	N/A
					1BR / 1BA (One-story)	1	1.4%	Market	\$615	750	no		N/A	N/A
					2BR / 1BA (Lowrise)	20	28.6%	@50%	\$530	880	no		N/A	N/A
					2BR / 1BA (Lowrise)	21	30.0%	@60%	\$640	880	no		N/A	N/A
					2BR / 1BA (Lowrise)	5 70	7.1%	Market	\$735	880	no		N/A N/A	N/A N/A
1	Pinewood Village	10.7 miles	One-story (age-restricted)	LIHTC,	1BR / 1BA	7	10.9%	@50% (HOME)	\$450	822	no	Yes	0 0	0.0%
-	755 S Rogers Street	10.7 1111103	2014	HOME,	1BR / 1BA	25	39.1%	@60% (HOME)	\$460	822	no	Yes	ő	0.0%
	Pooler, GA 31322			Non-	2BR / 1BA	6	9.4%	@50% (HOME)	\$520	1,028	no	Yes	0	0.0%
	Chatham County			Rental	2BR / 1BA	25	39.1%	@60% (HOME)	\$575	1,028	no	Yes	0	0.0%
					2BR / 1BA	64	1.6%	Non-Rental	N/A	1,028	n/a	N/A	0	0.0%
2	Sheppard Station Apartments	11.7 miles	Lowrise (age-restricted)	LIHTC,	1BR / 1BA	15	21.7%	@50%	\$483	815	no	Yes	0	0.0%
	215 Brighton Woods Drive	11.7 IIIIes	(3 stories)	Market	1BR / 1BA	14	20.3%	@50% (HOME)	\$483	815	no	Yes	Ö	0.0%
	Pooler, GA 31322		2009	Iviainet	1BR / 1BA	1	1.4%	@60%	\$529	815	no	Yes	0	0.0%
	Chatham County				1BR / 1BA	7	10.1%	Market	\$529	815	n/a	Yes	0	0.0%
					2BR / 1BA	10	14.5%	@50%	\$523	1,000	no	Yes	0	0.0%
					2BR / 1BA	14 2	20.3%	@50% (HOME) @60%	\$523 \$597	1,000	no	Yes Yes	0	0.0%
					2BR / 1BA 2BR / 1BA	6	8.7%	Market	\$597	1,000	no n/a	Yes	0	0.0%
					ZDIT/ IDA	69	100.0%	marrot	Ψυσι	1,000	11/ 4	103	0	0.0%
	Sisters Court Apartments	1.3 miles	Conversion (age-restricted)	LIHTC,	1BR / 1BA	28	35.9%	@50%	\$449	500	yes	No	4	14.3%
	222 E 37th Street		(3 stories)	Non-	1BR / 1BA	8	10.3%	@60%	\$167	500	yes	No	5	62.5%
	Savannah, GA 31401		1900s/1999/2017	Rental	1BR / 1BA	37	47.4%	@60% @50%	\$568	500	yes	No	18	48.6%
	Chatham County				2BR / 1BA 2BR / 1BA	2	2.6%	@50% @60%	\$547 \$690	650 750	yes ves	No No	0 1	0.0% 50.0%
					2BR / 1BA 2BR / 1BA	1	1.3%	Non-Rental	N/A	650	n/a	INO	0	0.0%
					ZDIT/ IDA	78	100.0%		1,77	000	, a		28	35.9%
4	Sustainable Fellwood III	2.8 miles	Midrise (age-restricted)	LIHTC,	1BR / 1BA	41	41.0%	@60%	\$556	732	yes	Yes	0	0.0%
	40 Eagle Street		(4 stories)	PBRA,	1BR / 1BA	37	37.0%	@60% (PBRA)	N/A	732	n/a	Yes	0	0.0%
	Savannah, GA 31415		2012	Market	1BR / 1BA	7	7.0%	Market	\$698	732	n/a	No	1	14.3%
	Chatham County				2BR / 2BA	5 7	5.0% 7.0%	@60% @60% (PBRA)	\$684 N/A	951 951	yes n/a	Yes Yes	0	0.0% 28.6%
					2BR / 2BA 2BR / 2BA	3	3.0%	Market	\$789	951	n/a n/a	No	1	33.3%
					ZDIT/ ZDA	100	100.0%		4.00	001	, a		4	4.0%
5	Chelsea At Five Points	0.8 miles	Garden	Market	1BR / 1BA	24	17.6%	Market	\$650	700	n/a	No	1	4.2%
	1910 Skidaway Road		(2 stories)		2BR / 1BA	112	82.4%	Market	\$750	850	n/a	No	0	0.0%
	Savannah, GA 31404		1947 / 1983		2BR / 1BA	N/A	N/A	Market	\$775	850	n/a	No	0	N/A
	Chatham County				2BR / 1BA	N/A 136	N/A 100.0%	Market	\$725	850	n/a	No	0 1	N/A 0.7%
6	Drayton Tower	1.3 miles	Highrise	Market	Studio / 1BA	N/A	N/A	Market	\$1,524	406	n/a	Yes	0	N/A
	102 E Liberty Street	2.0 11.1100	1951/2006/2012	marriot	1BR / 1BA	N/A	N/A	Market	\$1,846	671	n/a	Yes	0	N/A
	Savannah, GA 31401				2BR / 1BA	N/A	N/A	Market	\$2,317	834	n/a	Yes	1	N/A
	Chatham County				2BR / 2BA	N/A	N/A	Market	\$2,527	1,006	n/a	Yes	1	N/A
-	T. F				0	99 44	100.0%	Market	\$865	575	- /-	No	2	6.8%
7	The Fountains At Chatham Parkway 1699 Chatham Parkway	5.4 miles	Garden (2 stories)	Market	Studio / 1BA 1BR / 1BA	132	12.5% 37.5%	Market	\$1,010	815	n/a n/a	No	3 5	3.8%
	Savannah, GA 31405		2007-2008		1BR / 1BA	N/A	N/A	Market	\$1,030	888	n/a	No	N/A	N/A
	Chatham County				1BR / 1BA	N/A	N/A	Market	\$990	741	n/a	No	N/A	N/A
					2BR / 2BA	110	31.2%	Market	\$1,145	1,055	n/a	No	2	1.8%
					2BR / 2BA	N/A	N/A	Market	\$1,200	1,090	n/a	No	N/A	N/A
					2BR / 2BA	N/A 66	N/A 18.8%	Market Market	\$1,090	957	n/a	No No	N/A 5	N/A 7.6%
					3BR / 2BA 3BR / 2BA	N/A	18.8% N/A	Market	\$1,378 \$1,445	1,401 1,441	n/a n/a	No	N/A	N/A
					3BR / 2BA	N/A	N/A	Market	\$1,310	1,361	n/a	No	N/A	N/A
					JUNY ZUN	352	100.0%		41,010	1,001	, a		12	3.4%
8	Veranda At Midtown	0.6 miles	Midrise (age-restricted)	Market,	1BR / 1BA	2	2.0%	Market	\$668	659	n/a	Yes	0	0.0%
	1414 East Anderson Street		(4 stories)	PBRA	1BR / 1BA	6	6.0%	Market	\$668	664	n/a	Yes	1	16.7%
	Savannah, GA 31404		2005		1BR / 1BA	3	3.0%	Market	\$668	736	n/a	Yes	0	0.0%
	Chatham County				1BR / 1BA 1BR / 1BA	2 7	7.0%	PBRA PBRA	N/A N/A	654 659	n/a n/a	Yes Yes	0	0.0%
					1BR / 1BA 1BR / 1BA	27	27.0%	PBRA PBRA	N/A N/A	664	n/a n/a	Yes	1	3.7%
					1BR / 1BA	12	12.0%	PBRA	N/A	673	n/a	Yes	0	0.0%
					1BR / 1BA	5	5.0%	PBRA	N/A	696	n/a	Yes	0	0.0%
					1BR / 1BA	20	20.0%	PBRA	N/A	736	n/a	Yes	0	0.0%
					2BR / 1BA	16	16.0%	PBRA	N/A	918	n/a	Yes	0	0.0%
_		10 "			400 : : : :	100	100.0%	Moder	64.00:	000		N/	2	2.0%
	Walden At Chatham Center	4.8 miles	Garden	Market	1BR / 1BA	92 N/A	39.0% N/A	Market Market	\$1,084 \$1,128	828 1.013	n/a	No No	1 N/A	1.1% N/A
	100 Walden Lane Savannah, GA 31405		(3 stories) 2003		1BR / 1BA 1BR / 1BA	N/A N/A	N/A N/A	Market	\$1,128	642	n/a n/a	No No	N/A N/A	N/A N/A
	Chatham County		2003		2BR / 2BA	120	50.8%	Market	\$1,039	1,171	n/a	No	1	0.8%
					2BR / 2BA	N/A	N/A	Market	\$1,256	1,211	n/a	No	N/A	N/A
					2BR / 2BA	N/A	N/A	Market	\$1,138	1,131	n/a	No	N/A	N/A
					3BR / 2BA	24	10.2%	Market	\$1,624	1,385	n/a	No	2	8.3%
					3BR / 2BA	N/A	N/A	Market	\$1,661	1,412	n/a	No	N/A	N/A
					3BR / 2BA	N/A 236	N/A 100.0%	Market	\$1,587	1,358	n/a	No	N/A 4	N/A 1.7%
						230	100.0%						- 4	1.7%



ILLINI	AND SQUARE FOOTAGE RANKING  Effective Rent Date:	Apr-17	Units Surveyed:	1234	Weighted Occupancy	
	2outre helle Date.	, up - ± 1	Market Rate	923	Market Rate	97.70
	One Bedroom One Bath		Tax Credit Two Bedrooms One Bath	311	Tax Credit	89.70
			THO BOULDONIO ONO BULL			
RENT	Property Drayton Tower	Average \$1,846	Property Drayton Tower	Average \$2,317		
ILLIA	Walden At Chatham Center	\$1,128	Walden At Chatham Center (2BA)	\$1,256		
	Walden At Chatham Center	\$1,084		\$1,200		
	Walden At Chatham Center	\$1,039	Walden At Chatham Center (2BA)	\$1,197		
	The Fountains At Chatham Parkway The Fountains At Chatham Parkway	\$1,030 \$1,010	The Fountains At Chatham Parkway (2BA) Walden At Chatham Center (2BA)	\$1,145 \$1,138		
	The Fountains At Chatham Parkway	\$990	The Fountains At Chatham Parkway (2BA)			
	Sustainable Fellwood III * (M)	\$698	Sustainable Fellwood III * (2BA M)	\$789		
	Veranda At Midtown	\$668	Chelsea At Five Points	\$775		
	Veranda At Midtown Veranda At Midtown	\$668 \$668	Chelsea At Five Points  Live Oak Landing * (M)	\$750 <b>\$735</b>		
	Chelsea At Five Points	\$650	Chelsea At Five Points	\$725		
	Live Oak Landing * (M)	\$615	Sisters Court Apartments * (60%)	\$690		
	Live Oak Landing * (M)	\$615	Sustainable Fellwood III * (2BA 60%)	\$684		
	Sisters Court Apartments * (60%)	\$568	Live Oak Landing * (60%)	<b>\$640</b> \$597		
	Sustainable Fellwood III * (60%) Sheppard Station Apartments * (60%)	\$556 \$529	Sheppard Station Apartments * (60%) Sheppard Station Apartments * (M)	\$597		
	Sheppard Station Apartments * (M)	\$529	Pinewood Village * (60%)	\$575		
	Live Oak Landing * (60%)	\$525	Sisters Court Apartments * (50%)	\$547		
	Live Oak Landing * (60%)	\$525	Live Oak Landing * (50%)	\$530		
	Sheppard Station Apartments * (50%) Sheppard Station Apartments * (50%)	\$483 \$483	Sheppard Station Apartments * (50%) Sheppard Station Apartments * (50%)	\$523 \$523		
	Pinewood Village * (60%)	\$460	Pinewood Village * (50%)	\$520		
	Pinewood Village * (50%)	\$450	- , ,			
	Sisters Court Apartments * (50%)	\$449				
	Live Oak Landing * (50%) Live Oak Landing * (50%)	\$435 \$435				
	Sisters Court Apartments * (60%)	\$167				
SQUARE	Walden At Chatham Center	1,013	Walden At Chatham Center (2BA)	1,211		
OOTAGE	The Fountains At Chatham Parkway Walden At Chatham Center	888 828	Walden At Chatham Center (2BA) Walden At Chatham Center (2BA)	1,171 1,131		
	Pinewood Village * (50%)	822	The Fountains At Chatham Parkway (2BA)	1,090		
	Pinewood Village * (60%)	822	The Fountains At Chatham Parkway (2BA)	1,055		
	Sheppard Station Apartments * (50%)	815	Pinewood Village * (50%)	1,028		
	Sheppard Station Apartments * (50%)	815 815	Pinewood Village * (60%) Sheppard Station Apartments * (50%)	1,028 1,000		
	Sheppard Station Apartments * (60%) Sheppard Station Apartments * (M)	815	Sheppard Station Apartments * (50%)	1,000		
	The Fountains At Chatham Parkway	815	Sheppard Station Apartments * (60%)	1,000		
	Live Oak Landing * (50%)	750	Sheppard Station Apartments * (M)	1,000		
	Live Oak Landing * (60%) Live Oak Landing * (M)	750 750	The Fountains At Chatham Parkway (2BA)	957 951		
	The Fountains At Chatham Parkway	741	Sustainable Fellwood III * (2BA 60%) Sustainable Fellwood III * (2BA M)	951		
	Veranda At Midtown	736	Live Oak Landing * (50%)	880		
	Sustainable Fellwood III * (60%)	732	Live Oak Landing * (60%)	880		
	Sustainable Fellwood III * (M) Chelsea At Five Points	732 700	Live Oak Landing * (M) Chelsea At Five Points	<b>880</b> 850		
	Live Oak Landing * (50%)	690	Chelsea At Five Points	850		
	Live Oak Landing * (60%)	690	Chelsea At Five Points	850		
	Live Oak Landing * (M)	690	Drayton Tower	834		
	Drayton Tower Veranda At Midtown	671 664	Sisters Court Apartments * (60%)	750 650		
	Veranda At Midtown	659	Sisters Court Apartments * (50%)	650		
	Walden At Chatham Center	642				
	Sisters Court Apartments * (50%)	500				
	Sisters Court Apartments * (60%)	500				
	Sisters Court Apartments * (60%)	500				
ENT PER	Drayton Tower	\$2.75	Drayton Tower	\$2.78		
SQUARE	Walden At Chatham Center	\$1.62	The Fountains At Chatham Parkway (2BA)	\$1.14		
FOOT	The Fountains At Chatham Parkway Walden At Chatham Center	\$1.34 \$1.31	The Fountains At Chatham Parkway (2BA) The Fountains At Chatham Parkway (2BA)	\$1.10 \$1.09		
	The Fountains At Chatham Parkway	\$1.24	Walden At Chatham Center (2BA)	\$1.03		
	The Fountains At Chatham Parkway	\$1.16	Walden At Chatham Center (2BA)	\$1.02		
	Sisters Court Apartments * (60%)	\$1.14	Walden At Chatham Center (2BA)	\$1.01		
	Walden At Chatham Center Veranda At Midtown	\$1.11 \$1.01	Sisters Court Apartments * (60%) Chelsea At Five Points	\$0.92 \$0.91		
	Veranda At Midtown	\$1.01	Chelsea At Five Points	\$0.88		
	Sustainable Fellwood III * (M)	\$0.95	Chelsea At Five Points	\$0.85		
	Chelsea At Five Points	\$0.93	Sisters Court Apartments * (50%)	\$0.84		
	Veranda At Midtown Sisters Court Apartments * (50%)	\$0.91 \$0.90	Live Oak Landing * (M) Sustainable Fellwood III * (2BA M)	<b>\$0.84</b> \$0.83		
	Live Oak Landing * (M)	\$0.90 <b>\$0.89</b>	Live Oak Landing * (60%)	\$0.83		
	Live Oak Landing * (M)	\$0.82	Sustainable Fellwood III * (2BA 60%)	\$0.72		
	Live Oak Landing * (60%) Sustainable Fellwood III * (60%)	<b>\$0.76</b> \$0.76	Live Oak Landing * (50%) Sheppard Station Apartments * (60%)	<b>\$0.60</b> \$0.60		
	Live Oak Landing * (60%)	\$0.70	Sheppard Station Apartments * (M)	\$0.60		
	Sheppard Station Apartments * (60%)	\$0.65	Pinewood Village * (60%)	\$0.56		
	Sheppard Station Apartments * (M)	\$0.65	Sheppard Station Apartments * (50%)	\$0.52		
	Live Oak Landing * (50%) Sheppard Station Apartments * (50%)	<b>\$0.63</b> \$0.59	Sheppard Station Apartments * (50%) Pinewood Village * (50%)	\$0.52 \$0.51		
	Sheppard Station Apartments * (50%)	\$0.59				
	Live Oak Landing * (50%)	\$0.58				
	Pinewood Village * (60%) Pinewood Village * (50%)	\$0.56				
		\$0.55				

#### **Pinewood Village**

Effective Rent Date 3/31/2017

**Location** 755 S Rogers Street

Pooler, GA 31322 Chatham County

**Distance** 10.7 miles **Units** 64

 Units
 64

 Vacant Units
 0

 Vacancy Rate
 0.0%

Type One-story (age-restricted)

Year Built/Renovated 2014 / N/A
Marketing Began N/A
Leasing Began 9/30/2014
Last Unit Leased 12/31/2014
Major Competitors None identified

**Tenant Characteristics** Seniors 55+; average age is between 55 and 65

years old; approximately 20 percent of tenants

were previous homeowners

**Contact Name** Renee Malone **Phone** (912) 748-0495



#### **Utilities Market Information** @50% (HOME), @60% (HOME), Non-A/C not included -- central **Program** Cooking **Annual Turnover Rate** 5% not included -- electric Units/Month Absorbed 21 Water Heat not included -- electric **HCV Tenants** 7% Heat not included -- electric **Leasing Pace** Pre-leased Other Electric not included Annual Chg. in Rent Increased two to three percent Water not included Concession None Sewer not included **Trash Collection** included

Unit Mi	ix (face	rent)										
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range
1	1	One-story	7	822	\$450	\$0	@50% (HOME)	Yes	0	0.0%	no	None
1	1	One-story	25	822	\$460	\$0	@60% (HOME)	Yes	0	0.0%	no	None
2	1	One-story	6	1,028	\$520	\$0	@50% (HOME)	Yes	0	0.0%	no	None
2	1	One-story	25	1,028	\$575	\$0	@60% (HOME)	Yes	0	0.0%	no	None
2	1	One-story	1	1,028	N/A	\$0	Non-Rental	N/A	0	0.0%	N/A	None

Unit Mix	X											
@50% 1BR / 1BA 2BR / 1BA	<b>Face Rent</b> \$450 \$520	<b>Conc.</b> \$0 \$0	<b>Concd. Rent</b> \$450 \$520	<b>Util.</b> \$0 \$0	<b>Adj. Rent</b> \$450 \$520	@60% 1BR / 1BA 2BR / 1BA	<b>Face Rent</b> \$460 \$575	<b>Conc.</b> \$0 \$0	<b>Concd. Rent</b> \$460 \$575	<b>Util.</b> \$0 \$0	<b>Adj. Rent</b> \$460 \$575	
Non-Rental 2BR / 1BA	Face Rent N/A	<b>Conc.</b> \$0	Concd. Rent	<b>Util.</b> \$0	<b>Adj. Rent</b> N/A							

### Pinewood Village, continued

### Amenities

In-UnitSecurityServicesBalcony/PatioBlindsNoneNone

Carpeting Central A/C
Dishwasher Exterior Storage
Ceiling Fan Garbage Disposal
Hand Rails Microwave
Oven Pull Cords

Refrigerator Washer/Dryer hookup

 Property
 Premium
 Other

 Business Center/Computer Lab
 Central Laundry
 None
 None

Business Center/Computer Lab Central Laundry
Off-Street Parking On-Site Management

#### **Comments**

Management maintains a waiting list that is approximately 150 households in length. The contact stated that management maintains rents below the maximum allowable level in an effort to remain affordable and that there is strong demand for affordable senior housing in the area.

# Pinewood Village, continued









# **Sheppard Station Apartments**

Effective Rent Date 3/31/2017

**Location** 215 Brighton Woods Drive

Pooler, GA 31322 Chatham County

**Distance** 11.7 miles **Units** 69

Vacant Units 0 Vacancy Rate 0.0%

Type Lowrise (age-restricted) (3 stories)

Year Built/Renovated 2009 / N/A
Marketing Began N/A
Leasing Began N/A
Last Unit Leased N/A

Major Competitors None identified

**Tenant Characteristics** Seniors 55+; majority of tenants are in their 70s;

approximately 15 percent of tenants were

previous homeowners

**Contact Name** Renee Malone **Phone** (912) 748-0495



# **Market Information**

# Utilities

Program	@50%, @50% (HOME), @60%, Market	A/C	not included central
<b>Annual Turnover Rate</b>	5%	Cooking	not included electric
Units/Month Absorbed	12	Water Heat	not included electric
<b>HCV Tenants</b>	8%	Heat	not included electric
Leasing Pace	Pre-leased	Other Electric	not included
Annual Chg. in Rent	Increased 2 to 4%	Water	not included
Concession	None	Sewer	not included
		Trash Collection	included

Unit Mi	ix (face	rent)										
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range
1	1	Lowrise (3 stories)	15	815	\$483	\$0	@50%	Yes	0	0.0%	no	None
1	1	Lowrise (3 stories)	14	815	\$483	\$0	@50% (HOME)	Yes	0	0.0%	no	None
1	1	Lowrise (3 stories)	1	815	\$529	\$0	@60%	Yes	0	0.0%	no	None
1	1	Lowrise (3 stories)	7	815	\$529	\$0	Market	Yes	0	0.0%	N/A	None
2	1	Lowrise (3 stories)	10	1,000	\$523	\$0	@50%	Yes	0	0.0%	no	None
2	1	Lowrise (3 stories)	14	1,000	\$523	\$0	@50% (HOME)	Yes	0	0.0%	no	None
2	1	Lowrise (3 stories)	2	1,000	\$597	\$0	@60%	Yes	0	0.0%	no	None
2	1	Lowrise (3 stories)	6	1,000	\$597	\$0	Market	Yes	0	0.0%	N/A	None

### Sheppard Station Apartments, continued

Unit Mi	X											
@50%	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent	@60%	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent	
1BR / 1BA	\$483	\$0	\$483	\$0	\$483	1BR / 1BA	\$529	\$0	\$529	\$0	\$529	
2BR / 1BA	\$523	\$0	\$523	\$0	\$523	2BR / 1BA	\$597	\$0	\$597	\$0	\$597	
Market	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent							
1BR / 1BA	\$529	\$0	\$529	\$0	\$529							
2BR / 1BA	\$597	\$0	\$597	\$0	\$597							

Security

In-Unit Alarm

Services

Horseshoe pit, shuffleboard,

None

# Amenities

In-UnitBalcony/PatioBlindsCarpetingCentral A/CDishwasherExterior StorageHand RailsOvenPull CordsRefrigeratorWasher/DryerWasher/Dryer hookup

 Property
 Premium
 Other

 Business Center/Computer Lab
 Clubhouse/Meeting
 None
 Horses

Business Center/Computer Lab Clubhouse/Meeting
Elevators Exercise Facility
Off-Street Parking On-Site Management
Picnic Area Recreation Areas

Service Coordination

#### **Comments**

Management maintains a waiting list that is approximately 60 households in length. The contact stated that rents are maintained below the maximum allowable level in an effort to remain affordable for senior tenants. The contact stated that there is strong demand for affordable housing in the area.

# **Sheppard Station Apartments, continued**











#### **Sisters Court Apartments**

Effective Rent Date 4/05/2017

**Location** 222 E 37th Street

Savannah, GA 31401 Chatham County

Distance1.3 milesUnits78Vacant Units28Vacancy Rate35.9%

**Type** Conversion (age-restricted) (3 stories)

Year Built/Renovated 1900s / 1999/2017

 $\begin{array}{lll} \textbf{Marketing Began} & N/A \\ \textbf{Leasing Began} & N/A \\ \textbf{Last Unit Leased} & N/A \end{array}$ 

Major Competitors Veranda at Midtown, Rose of Sharon, William

Court

**Tenant Characteristics** Seniors 62+; majority from the Savannah, GA

area

None

Contact Name Latoya

Concession

**Phone** (912) 447-4714



# Market Information Utilities

@50%, @60%, Non-Rental A/C not included -- central **Program Annual Turnover Rate** 15% Cooking not included -- electric Units/Month Absorbed N/A Water Heat not included -- electric **HCV Tenants** N/A Heat not included -- electric **Leasing Pace** Other Electric Pre-leased not included **Annual Chg. in Rent** N/A Water included

Trash Collection included

included

Unit M	ix (face	rent)										
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range
1	1	Conversion (3 stories)	28	500	\$506	\$0	@50%	No	4	14.3%	yes	None
1	1	Conversion (3 stories)	8	500	\$224	\$0	@60%	No	5	62.5%	yes	None
1	1	Conversion (3 stories)	37	500	\$625	\$0	@60%	No	18	48.6%	yes	None
2	1	Conversion (3 stories)	2	650	\$613	\$0	@50%	No	0	0.0%	yes	None
2	1	Conversion (3 stories)	2	750	\$756	\$0	@60%	No	1	50.0%	yes	None
2	1	Conversion (3 stories)	1	650	N/A	\$0	Non-Rental	N/A	0	0.0%	N/A	None

Sewer

Unit Mix													
@50%	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent	@60%	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent		
1BR / 1BA	\$506	\$0	\$506	-\$57	\$449	1BR / 1BA	\$224 - \$625	\$0	\$224 - \$625	-\$57	\$167 - \$568		
2BR / 1BA	\$613	\$0	\$613	-\$66	\$547	2BR / 1BA	\$756	\$0	\$756	-\$66	\$690		
Non-Rental	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent								
2BR / 1BA	N/A	\$0	N/A	-\$66	N/A								

### Sisters Court Apartments, continued

**Amenities** 

In-UnitBalcony/PatioBlindsCarpetingCentral A/CDishwasherGarbage Disposal

Hand Rails Microwave
Oven Pull Cords

Refrigerator

PropertyPremiumOtherClubhouse/MeetingCourtyardNoneNone

Elevators Central Laundry
Off-Street Parking On-Site Management

#### **Comments**

This property recently underwent renovations with LIHTC funding and leased its first unit post-renovation on March 31, 2017. It is currently 65 percent leased and in the process of leasing the remaining units. The contact estimated that the remaining units will leased out by the end of April 2017. The renovations included updates to unit appliances, flooring, windows, lighting, etc. The contact noted that the local market has strong demand for affordable senior housing.

Security

Patrol

Limited Access

Services

None

# **Sisters Court Apartments, continued**







#### Sustainable Fellwood III

Effective Rent Date 4/06/2017

**Location** 40 Eagle Street

Savannah, GA 31415 Chatham County

Distance2.8 milesUnits100Vacant Units4Vacancy Rate4.0%

Type Midrise (age-restricted) (4 stories)

Year Built/Renovated2012 / N/AMarketing BeganN/ALeasing Began3/15/2012Last Unit LeasedN/A

Major CompetitorsVeranda at Midtown, Rose of SharonTenant CharacteristicsSeniors 62+, mostly from Savannah

**Contact Name** Leasing Agent **Phone** (912) 480-4611



#### Market Information Utilities

@60%, @60% (Project Based Rental A/C not included -- central **Program Annual Turnover Rate** 2% Cooking not included -- electric Units/Month Absorbed 30 **Water Heat** not included -- electric **HCV Tenants** 10% Heat not included -- electric **Leasing Pace** Within two weeks Other Electric not included **Annual Chg. in Rent** No change to increased nine percent Water included

Annual Chg. in Rent No change to increased nine percent Water included Concession None Sewer included Trash Collection included

Unit M	ix (face	rent)										
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range
1	1	Midrise (4 stories)	41	732	\$613	\$0	@60%	Yes	0	0.0%	yes	None
1	1	Midrise (4 stories)	37	732	N/A	\$0	@60% (PBRA)	Yes	0	0.0%	N/A	None
1	1	Midrise (4 stories)	7	732	\$755	\$0	Market	No	1	14.3%	N/A	None
2	2	Midrise (4 stories)	5	951	\$750	\$0	@60%	Yes	0	0.0%	yes	None
2	2	Midrise (4 stories)	7	951	N/A	\$0	@60% (PBRA)	Yes	2	28.6%	N/A	None
2	2	Midrise (4 stories)	3	951	\$855	\$0	Market	No	1	33.3%	N/A	None

<b>Unit Mi</b>	X											
@60%	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent	Market	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent	
1BR / 1BA	\$613	\$0	\$613	-\$57	\$556	1BR / 1BA	\$755	\$0	\$755	-\$57	\$698	
2BR / 2BA	\$750	\$0	\$750	-\$66	\$684	2BR / 2BA	\$855	\$0	\$855	-\$66	\$789	

### Sustainable Fellwood III, continued

### Amenities

In-Unit

Balcony/Patio Carpeting

Dishwasher Hand Rails Pull Cords

Washer/Dryer

Security

Intercom (Phone) Limited Access Services

None

Property

Blinds

Oven

Central A/C

Refrigerator

Garbage Disposal

Washer/Dryer hookup

Business Center/Computer Lab Clubhouse/Meeting
Elevators Exercise Facility
Off-Street Parking On-Site Management

Recreation Areas

**Premium** None Other None

#### **Comments**

The contact stated that one of the four vacant units is pre-leased and will be occupied by a resident soon. Over the past year, the rent for the 60 percent one-bedroom units experienced no change, while the 60 percent two-bedroom units increased one percent. The market rate rents increased two to nine percent in the past year. The waiting list is approximately nine months to one year in length.

# Sustainable Fellwood III, continued











### **Chelsea At Five Points**

Effective Rent Date 3/31/2017

**Location** 1910 Skidaway Road

Savannah, GA 31404 Chatham County

Distance0.8 milesUnits136Vacant Units1Vacancy Rate0.7%

**Type** Garden (2 stories) **Year Built/Renovated** 1947 / 1983

 $\begin{array}{lll} \textbf{Marketing Began} & N/A \\ \textbf{Leasing Began} & N/A \\ \textbf{Last Unit Leased} & N/A \end{array}$ 

Major Competitors Kingstown, Alhambra

Tenant Characteristics Mostly from Savannah and Chatham County

Contact Name Michael
Phone (912) 232-6640



#### **Utilities Market Information** A/C Market not included -- central **Program Annual Turnover Rate** 36% Cooking not included -- electric Units/Month Absorbed N/A Water Heat not included -- gas **HCV Tenants** 15% Heat not included -- gas **Leasing Pace** Pre-leased Other Electric not included **Annual Chg. in Rent** Increased two to three percent Water not included Concession None Sewer not included **Trash Collection** included

Unit M	Unit Mix (face rent)												
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range	
1	1	Garden (2 stories)	24	700	\$650	\$0	Market	No	1	4.2%	N/A	None	
2	1	Garden (2 stories)	112	850	\$750	\$0	Market	No	0	0.0%	N/A	AVG	
2	1	Garden (2 stories)	N/A	850	\$775	\$0	Market	No	0	N/A	N/A	HIGH	
2	1	Garden (2 stories)	N/A	850	\$725	\$0	Market	No	0	N/A	N/A	LOW	

### **Unit Mix**

Market	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent
1BR / 1BA	\$650	\$0	\$650	\$0	\$650
2BR / 1BA	\$725 - \$775	\$0	\$725 - \$775	\$0	\$725 - \$775

### Chelsea At Five Points, continued

Amenities

In-Unit Carpet/Hardwood Central A/C Coat Closet Oven Refrigerator

Vaulted Ceilings

**Property** Central Laundry Off-Street Parking On-Site Management Picnic Area

Swimming Pool Tennis Court Security Video Surveillance Services

None

Other Premium None

#### **Comments**

The two-bedroom rents range is due to the fact that certain units have upgraded appliances. The contact noted that management the property fills vacant units on a firstcome first-serve basis and does not maintain a waiting list; however, the multifamily market is strong in the area. The vacant unit is pre-leased and will be occupied by a tenant soon. There is unassigned surface-level parking spaces on the property and there is no additional charge. The contact was unable to state the number of parking spaces on the property.

None

# Chelsea At Five Points, continued











#### **Drayton Tower**

**Effective Rent Date** 3/31/2017

102 E Liberty Street Location

Savannah, GA 31401 Chatham County

Distance 1.3 miles Units 99 2 **Vacant Units** Vacancy Rate 2.0% Type Highrise

Year Built/Renovated 1951 / 2006/2012

**Marketing Began** N/A Leasing Began N/A **Last Unit Leased** N/A

**Major Competitors** None identified

**Tenant Characteristics** 70% students, local Savannah working

professionals

**Contact Name** Skylar

Phone (912) 349-3334



#### **Market Information**

#### Market **Program Annual Turnover Rate** 35% Units/Month Absorbed N/A **HCV Tenants** 0% **Leasing Pace** Within two weeks

Annual Chg. in Rent Increased one to four percent

Concession None

#### **Utilities**

Ctilities	
A/C	included central
Cooking	included electric
Water Heat	included gas
Heat	included gas
Other Electric	included
Water	included
Sewer	included
Trash Collection	included

Unit N	/lix (f	ace r	ent)

	(	/										
Beds	Baths	Туре	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range
0	1	Highrise	N/A	406	\$1,605	\$0	Market	Yes	0	N/A	N/A	None
1	1	Highrise	N/A	671	\$2,000	\$0	Market	Yes	0	N/A	N/A	None
2	1	Highrise	N/A	834	\$2,498	\$0	Market	Yes	1	N/A	N/A	None
2	2	Highrise	N/A	1,006	\$2,708	\$0	Market	Yes	1	N/A	N/A	None

#### **Unit Mix**

Market	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent
Studio / 1BA	\$1,605	\$0	\$1,605	-\$81	\$1,524
1BR / 1BA	\$2,000	\$0	\$2,000	-\$154	\$1,846
2BR / 1BA	\$2,498	\$0	\$2,498	-\$181	\$2,317
2BR / 2BA	\$2.708	\$0	\$2.708	-\$181	\$2,527

### **Drayton Tower, continued**

Amenities

In-Unit
Blinds Cable/Satellite/Internet

Carpeting Central A/C
Dishwasher Garbage Disposal

Microwave Oven

Refrigerator

Property Premium Other

Elevators Exercise Facility None Bike Storage Central Laundry On-Site Management

#### **Comments**

Management maintains a waiting list that is approximately seven or eight households in length. This property does not accept Housing Choice Vouchers. Neither of the two vacant units are pre-leased. The contact stated that the studio and one-bedroom units are in strong demand in the area.

Security

Limited Access

Services

None

#### The Fountains At Chatham Parkway

Effective Rent Date 4/05/2017

**Location** 1699 Chatham Parkway

Savannah, GA 31405 Chatham County

Distance5.4 milesUnits352Vacant Units12Vacancy Rate3.4%

**Type** Garden (2 stories) **Year Built/Renovated** 2007-2008 / N/A

 $\begin{array}{lll} \textbf{Marketing Began} & N/A \\ \textbf{Leasing Began} & N/A \\ \textbf{Last Unit Leased} & N/A \end{array}$ 

Major Competitors Walden, Century Fenwick, Grand Oaks

Tenant Characteristics Majority of the tenants are from Chatham County

**Contact Name** Samantha **Phone** (912) 236-3771



#### **Utilities Market Information** A/C Market not included -- central **Program** Cooking 30% not included -- electric **Annual Turnover Rate** Units/Month Absorbed 29 Water Heat not included -- electric **HCV Tenants** 0% Heat not included -- electric **Leasing Pace** Within two weeks Other Electric not included **Annual Chg. in Rent** See comments Water not included Concession None Sewer not included Trash Collection not included

Unit M	ix (face	rent)										
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range
0	1	Garden (2 stories)	44	575	\$850	\$0	Market	No	3	6.8%	N/A	None
1	1	Garden (2 stories)	132	815	\$995	\$0	Market	No	5	3.8%	N/A	AVG
1	1	Garden (2 stories)	N/A	888	\$1,015	\$0	Market	No	N/A	N/A	N/A	HIGH
1	1	Garden (2 stories)	N/A	741	\$975	\$0	Market	No	N/A	N/A	N/A	LOW
2	2	Garden (2 stories)	110	1,055	\$1,130	\$0	Market	No	2	1.8%	N/A	AVG
2	2	Garden (2 stories)	N/A	1,090	\$1,185	\$0	Market	No	N/A	N/A	N/A	HIGH
2	2	Garden (2 stories)	N/A	957	\$1,075	\$0	Market	No	N/A	N/A	N/A	LOW
3	2	Garden (2 stories)	66	1,401	\$1,363	\$0	Market	No	5	7.6%	N/A	AVG
3	2	Garden (2 stories)	N/A	1,441	\$1,430	\$0	Market	No	N/A	N/A	N/A	HIGH
3	2	Garden (2 stories)	N/A	1,361	\$1,295	\$0	Market	No	N/A	N/A	N/A	LOW

### The Fountains At Chatham Parkway, continued

#### **Unit Mix**

Market	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent
Studio / 1BA	\$850	\$0	\$850	\$15	\$865
1BR / 1BA	\$975 - \$1,015	\$0	\$975 - \$1,015	\$15	\$990 - \$1,030
2BR / 2BA	\$1,075 - \$1,185	\$0	\$1,075 - \$1,185	\$15	\$1,090 - \$1,200
3BR / 2BA	\$1,295 - \$1,430	\$0	\$1,295 - \$1,430	\$15	\$1,310 - \$1,445

#### **Amenities**

 In-Unit

 Balcony/Patio
 Blinds

 Carpeting
 Central A/C

 Coat Closet
 Dishwasher

 Exterior Storage
 Ceiling Fan

 Garbage Disposal
 Microwave

 Oven
 Refrigerator

 Walk-In Closet
 Washer/Dryer hookup

Security Services
Limited Access None
Perimeter Fencing

**Property** 

Business Center/Computer Lab
Clubhouse/Meeting
Exercise Facility
Garage
Central Laundry
Off-Street Parking
On-Site Management
Picnic Area
Swimming Pool
Wi-Fi

#### Premium None

Other
Outdoor auditorium

#### **Comments**

Since the property was last surveyed in June 2016, the rent for the one and two-bedroom units increased one percent, while the rent for the two and three-bedroom units decreased nine to 13 percent. The property utilizes an LRO system to determine rents based on availability and local demand. The property offers an uncovered surface parking and there is no additional charge for parking. The contact approximated that there are 150 detached and attached garages, which management rents for \$75 and \$95, respectively. The contact stated that all garages are being utilized and there is a waiting list for the detached garages. This property does not accept Housing Choice Vouchers.

# The Fountains At Chatham Parkway, continued













#### Veranda At Midtown

Effective Rent Date 4/21/2016

**Location** 1414 East Anderson Street

Savannah, GA 31404 Chatham County

Distance0.6 milesUnits100Vacant Units2Vacancy Rate2.0%

Type Midrise (age-restricted) (4 stories)

Year Built/Renovated 2005 / N/A
Marketing Began N/A
Leasing Began N/A
Last Unit Leased N/A

Major Competitors Rose of Sharon

**Tenant Characteristics** Seniors ages 62+; Average age is 65

**Contact Name** Jamica **Phone** 912-236-0683



#### Market Information Utilities

Market, PBRA A/C not included -- central **Program Annual Turnover Rate** 6% Cooking not included -- electric Units/Month Absorbed N/A Water Heat not included -- electric **HCV Tenants** 0% Heat not included -- electric **Leasing Pace** Within one month Other Electric not included

Annual Chg. in Rent None Water included

Concession None Sewer included

Trash Collection included

Unit M	ix (face	rent)										
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range
1	1	Midrise (4 stories)	2	659	\$725	\$0	Market	Yes	0	0.0%	N/A	None
1	1	Midrise (4 stories)	6	664	\$725	\$0	Market	Yes	1	16.7%	N/A	None
1	1	Midrise (4 stories)	3	736	\$725	\$0	Market	Yes	0	0.0%	N/A	None
1	1	Midrise (4 stories)	2	654	N/A	\$0	PBRA	Yes	0	0.0%	N/A	None
1	1	Midrise (4 stories)	7	659	N/A	\$0	PBRA	Yes	0	0.0%	N/A	None
1	1	Midrise (4 stories)	27	664	N/A	\$0	PBRA	Yes	1	3.7%	N/A	None
1	1	Midrise (4 stories)	12	673	N/A	\$0	PBRA	Yes	0	0.0%	N/A	None
1	1	Midrise (4 stories)	5	696	N/A	\$0	PBRA	Yes	0	0.0%	N/A	None
1	1	Midrise (4 stories)	20	736	N/A	\$0	PBRA	Yes	0	0.0%	N/A	None
2	1	Midrise (4 stories)	16	918	N/A	\$0	PBRA	Yes	0	0.0%	N/A	None

Unit Mi	Unit Mix											
Market	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent	PBRA	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent	
1BR / 1BA	\$725	\$0	\$725	-\$57	\$668	1BR / 1BA	N/A	\$0	N/A	-\$57	N/A	
						2BR / 1BA	N/A	\$0	N/A	-\$66	N/A	

### Veranda At Midtown, continued

### Amenities

 In-Unit
 Security

 Balcony/Patio
 Blinds
 Limited Access

Refrigerator

CarpetingCentral A/CDishwasherExterior StorageCeiling FanGarbage DisposalHand RailsOven

Pull Cords Washer/Dryer hookup

PropertyPremiumOtherClubhouse/MeetingElevatorsNoneLibrary

Clubhouse/Meeting Elevators
Exercise Facility Central Laundry
Off-Street Parking On-Site Management

Picnic Area Theatre

#### **Comments**

There is a waiting list for the market rate units. However, the number of households waiting was not available. None of the market rate units are occupied with voucher holders. The PBRA waiting list is approximately two to three years in length and is maintained by the local housing authority.

Services

# Veranda At Midtown, continued









### **Walden At Chatham Center**

Effective Rent Date 4/05/2017

**Location** 100 Walden Lane

Savannah, GA 31405 Chatham County

Distance4.8 milesUnits236Vacant Units4Vacancy Rate1.7%

TypeGarden (3 stories)Year Built/Renovated2003 / N/AMarketing BeganN/ALeasing BeganN/A

Major Competitors Springs at Chatham, Fenwick, Avala, Savannah

Otrs

N/A

Tenant Characteristics Majority local families from Savannah, GA; five

percent of tenants are seniors

Contact Name Lou

Last Unit Leased

**Phone** (912) 238-8596



Market Informati	ion	Utilities	Utilities				
Program	Market	A/C	not included central				
<b>Annual Turnover Rate</b>	34%	Cooking	not included electric				
Units/Month Absorbed	N/A	Water Heat	not included electric				
<b>HCV Tenants</b>	0%	Heat	not included electric				
<b>Leasing Pace</b>	Within two weeks	Other Electric	not included				
Annual Chg. in Rent	See comments	Water	not included				
Concession	None	Sewer	not included				
		Trash Collection	not included				

Unit M	ix (face	rent)										
Beds	Baths	Type	Units	Size (SF)	Rent	Concession (monthly)	Restriction	Waiting List	Vacant	Vacancy Rate	Max Rent?	Range
1	1	Garden (3 stories)	92	828	\$1,069	\$0	Market	No	1	1.1%	N/A	AVG
1	1	Garden (3 stories)	N/A	1,013	\$1,113	\$0	Market	No	N/A	N/A	N/A	HIGH
1	1	Garden (3 stories)	N/A	642	\$1,024	\$0	Market	No	N/A	N/A	N/A	LOW
2	2	Garden (3 stories)	120	1,171	\$1,182	\$0	Market	No	1	0.8%	N/A	AVG
2	2	Garden (3 stories)	N/A	1,211	\$1,241	\$0	Market	No	N/A	N/A	N/A	HIGH
2	2	Garden (3 stories)	N/A	1,131	\$1,123	\$0	Market	No	N/A	N/A	N/A	LOW
3	2	Garden (3 stories)	24	1,385	\$1,609	\$0	Market	No	2	8.3%	N/A	AVG
3	2	Garden (3 stories)	N/A	1,412	\$1,646	\$0	Market	No	N/A	N/A	N/A	HIGH
3	2	Garden (3 stories)	N/A	1,358	\$1,572	\$0	Market	No	N/A	N/A	N/A	LOW

#### Walden At Chatham Center, continued

#### **Unit Mix**

Market	Face Rent	Conc.	Concd. Rent	Util.	Adj. Rent
1BR / 1BA	\$1,024 - \$1,113	\$0	\$1,024 - \$1,113	\$15	\$1,039 - \$1,128
2BR / 2BA	\$1,123 - \$1,241	\$0	\$1,123 - \$1,241	\$15	\$1,138 - \$1,256
3BR / 2BA	\$1,572 - \$1,646	\$0	\$1,572 - \$1,646	\$15	\$1,587 - \$1,661

#### **Amenities**

In-Unit

Balcony/Patio Blinds
Carpeting Central A/C
Coat Closet Dishwasher
Exterior Storage Ceiling Fan
Garbage Disposal Oven
Refrigerator Walk-In Closet
Washer/Dryer hookup

Security Services
Patrol None
Perimeter Fencing

Property

Business Center/Computer Lab Car Wash
Clubhouse/Meeting Exercise Facility
Garage Central Laundry
Off-Street Parking On-Site Management
Picnic Area Playground

Swimming Pool

Premium None Other

Dog park, putting green

#### **Comments**

This property utilizes Yieldstar to determine daily rents. Since the property was last surveyed in March 2016, rent for the one and three-bedroom units increased two percent, while rent for the two-bedroom units decreased four percent. None of the vacant units are pre-leased. This property does not accept Housing Choice Vouchers. The property offers uncovered surface level parking for no additional charge. The contact was unable to state the number of parking spaces on the property. The property offers garages, which management rents for \$75 or \$125 per month depending on the garage size. There are storage units available for an additional \$60 per month. The contact was unable to provide the number of garages or storage units and indicated that there are several unoccupied garages and storage units.

# Walden At Chatham Center, continued











#### 2. The following information is provided as required by DCA:

#### **Housing Choice Vouchers**

The Housing Authority of Savannah is the agency that manages the Housing Choice Voucher Program in the Subject's area. We recently spoke with Lynn Coleman, Director of Assisted Housing Programs at the Housing Authority of Savannah, who stated that there are a total of 3,186 HCV currently administered in the city. Of these HCV, approximately 2,837 are tenant based vouchers. Ms. Coleman stated that the HCV waiting list has been closed since 2013, and there are no plans to open the waiting list soon. When the waiting list closed, there were over 12,000 households and as of the housing authority's most recent board meeting, there are 9,379 households on the list. There are no preferences given to seniors, individuals with disabilities, or any other type of household. The following table illustrates voucher usage at the comparables.

#### **TENANTS WITH VOUCHERS**

Property Name	Program	Tenancy	Housing Choice Voucher Tenants
Pinewood Village	LIHTC, Non-Rental	Senior	N/A
Sheppard Station Apartments	LIHTC, Market	Senior	7%
Sisters Court Apartments	LIHTC, Non-Rental	Senior	8%
Sustainable Fellwood III	LIHTC, PBRA, Market	Senior	N/A
Chelsea At Five Points	Market	Family	10%
Drayton Tower	Market	Family	15%
The Fountains At Chatham Parkway	Market	Family	0%
Veranda At Midtown	Market, PBRA	Senior	0%
Walden At Chatham Center	Market	Family	<u>0%</u>
		Average	6%

Housing Choice Voucher usage in this market ranges from zero to 15 percent. The LIHTC properties have a low reliance on tenants with vouchers. Overall, Housing Choice Voucher usage averages six percent among all of the comparables. Thus, it appears that the Subject will not need to rely on voucher residents in order to maintain a high occupancy level. We believe the Subject would maintain a voucher usage of 10 percent or less.

#### **Lease Up History**

We were able to obtain absorption information from five of the comparable properties, which is illustrated following table.

#### **ABSORPTION**

Property Name	Occupancy Type	Tenancy	Year Built	Number of	Units Absorbed/
Property Name	Оссирансу туре	Teriancy Tear Built		Units	Month
Pinewood Village	LIHTC, Non-Rental	Senior	2014	64	21
Sheppard Station Apartments	LIHTC, Market	Senior	2009	69	12
Sisters Court Apartments	LIHTC, Non-Rental	Senior	1900/1999/2017	78	39
Sustainable Fellwood III	LIHTC, PBRA, Market	Senior	2012	100	30
The Fountains At Chatham Parkway	Market	Family	2008	352	<u>29</u>
				Average	26

Per DCA guidelines, we have calculated the absorption to 93 percent occupancy. The Subject is proposed construction of a senior 62+ LIHTC property. The average absorption pace at the comparable properties is 26 units per month. The newest senior LIHTC property in the PMA, Sisters Court Apartments, is experiencing an absorption pace of 39 units per month, which is faster than the average absorption pace of the comparables. At an absorption pace similar to that of Sisters Court Apartments the Subject could expect to reach 93 percent occupancy in approximately one to two months. Additional senior LIHTC development in the area – discussed in other sections of this study – may impact the Subject's absorption. At a more conservative absorption pace of 15 units per month, the Subject could expect to reach 93 percent

occupancy in approximately four to five months. Per DCA guidelines, we have calculated the absorption to 93 percent occupancy.

#### **Phased Developments**

The Subject is not part of a multi-phase development.

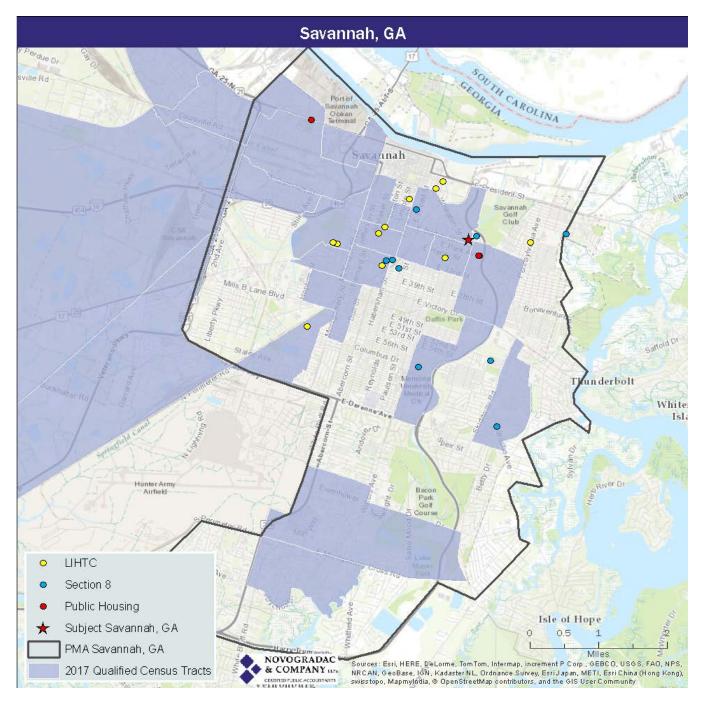
#### **Rural Areas**

The Subject is not located in a rural area.

#### 3. Competitive Project Map

#### **COMPETITIVE PROJECTS**

Property Name	Program	Location	Tenancy	# of Units	Occupancy	Map Color
Live Oak Landing	LIHTC/Market	Savannah	Senior	70	-	Star
Romana - Riley Lofts	LIHTC	Savannah	Senior	57	N/A	
Savannah Gardens III	LIHTC	Savannah	Family	94	97.9%	
Heritage Place	LIHTC	Savannah	Family	88	95.5%	
Heritage Corner & Heritage Row	LIHTC	Savannah	Family	72	95.8%	
Hitch Village Phase I	LIHTC	Savannah	Family	72	N/A	
Hitch Village Phase II	LIHTC	Savannah	Family	100	N/A	
Montgomery Landing	LIHTC	Savannah	Family	144	93.0%	
Savannah Gardens V	LIHTC	Savannah	Family	76	98.3%	
Savannah Gardens II	LIHTC	Savannah	Senior	39	98.0%	
Rose of Sharon	LIHTC	Savannah	Senior	206	100.0%	
Savannah Gardens I	LIHTC	Savannah	Family	115	98.0%	
Sister's Court Apartments	LIHTC/HOME	Savannah	Senior	78	64.0%	
Pinewood Village	LIHTC/HOME	Pooler	Senior	64	100.0%	
Sheppard Station Apartments	LIHTC/HOME/Market	Pooler	Senior	69	100.0%	
Sustainable Fellwood I	LIHTC/PHA/Market	Savannah	Family	110	98.2%	
Sustainable Fellwood II	LIHTC/PHA/Market	Savannah	Family	110	N/A	
Sustainable Fellwood III	LIHTC/PHA/Market	Savannah	Senior	100	96.0%	
Ashley Midtown I	LIHTC/PHA/Market	Savannah	Family	166	100.0%	
Ashley Midtown II	LIHTC/PHA/Market	Savannah	Family	38	94.7%	
SNAP I, II, III	LIHTC/Section 8	Savannah	Family	191	100.0%	
Telfair Arms	LIHTC/Section 8	Savannah	Senior	52	N/A	
Savannah Gardens IV	LIHTC/Market	Savannah	Family	114	98.2%	
Cars V Inc	Section 8	Savannah	Disabled	5	100.0%	
Chatham Assoc For Res Sev Inc I	Section 8	Savannah	Disabled	16	100.0%	
Chatham Assoc For Res Sev Inc II	Section 8	Savannah	Disabled	5	100.0%	
Georgia Infirmary A/ Habersham Place	Section 8	Savannah	Disabled	11	100.0%	
Georgia Infirmary B/ Habersham Place	Section 8	Savannah	Disabled	13	100.0%	
Ponderosa Forest Apts	Section 8	Savannah	Family	56	100.0%	
Presidential Plaza I	Section 8	Savannah	Family	116	100.0%	
St. Johns Villa Apartments	Section 8	Savannah	Senior	19	100.0%	
Presidential Plaza II	Section 8	Savannah	Family	116	100.0%	
Thomas Francis Williams Court Apts	Section 8	Savannah	Senior	151	100.0%	
East Broad Apartments	Public Housing	Savannah	Family	69	100.0%	
Average PMA Occupar	су				97.3%	



#### 4. Amenities

A detailed description of amenities included in both the Subject and the comparable properties can be found in the amenity matrix below.

				AMENITY M	ATRIX					
	Live Oak Landing	Pinewood Village	Sheppard Station Apartments	Sisters Court Apartments	Sustainable Fellwood III	Chelsea At Five Points	Drayton Tower	The Fountains At Chatham Parkway	Veranda At Midtown	Walden At Chatham Center
Property Type	Various (age- restricted)	One-story (age- restricted)	Lowrise (age- restricted) (3 stories)	Conversion (age- restricted) (3 stories)	Midrise (age- restricted) (4 stories)	Garden (2 stories)	Highrise	Garden (2 stories)	Midrise (age- restricted) (4 stories)	Garden (3 stories)
Year Built / Renovated	Proposed	2014	2009	1900s/ 1999/2017	2012	1947 / 1983	1951/ 2006/2012	2007-2008	2005	2003
Market (Conv.)/Subsidy Type	LIHTC, Market	LIHTC, Non- Rental	LIHTC, Market	LIHTC, Non- Rental	LIHTC, PBRA, Market	Market	Market	Market	Market, PBRA	Market
Utility Adjusments										
Cooking	no	no	no	no	no	no	yes	no	no	no
Water Heat	no	no	no	no	no	no	yes	no	no	no
Heat Other Electric	no no	no no	no no	no no	no no	no no	yes yes	no no	no no	no no
Water	no	no	no	yes	yes	no	yes	no	yes	no
Sewer	no	no	no	yes	yes	no	yes	no	yes	no
Trash Collection	yes	yes	yes	yes	yes	yes	yes	no	yes	no
In-Unit Amenities										
Balcony/Patio	no	yes	yes	yes	yes	no	no	yes	yes	yes
Blinds	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Cable/Satellite/Internet	no	no	no	no	no	no	yes	no	no	no
Carpet/Hardwood	no	no	no	no	no	yes	no	no	no	no
Carpeting	no yes	yes yes	yes yes	yes	yes yes	no yes	yes	yes yes	yes yes	yes
Central A/C	no	no	no	no	no	yes	no	yes	no	yes
Coat Closet Dishwasher	yes	yes	yes	yes	yes	no	yes	yes	yes	yes
Exterior Storage	no	yes	yes	no	no	no	no	yes	yes	yes
Ceiling Fan	yes	yes	no	no	no	no	no	yes	yes	yes
Garbage Disposal	yes	yes	no	yes	yes	no	yes	yes	yes	yes
Hand Rails	yes	yes	yes	yes	yes	no	no	no	yes	no
Microwave	yes	yes	no	yes	no	no	yes	yes	no	no
Oven	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Pull Cords	no	yes	yes	yes	yes	no	no	no	yes	no
Refrigerator	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Vaulted Ceilings	no yes	no	no	no	no no	yes no	no no	no yes	no no	no yes
Walk-in Closet Washer/Dryer	no	no	yes	no	yes	no	no	no	no	no
Washer/Dryer hookup	yes	yes	yes	no	yes	no	no	yes	yes	yes
Property Amenities	,,,,	,,,,	,,,,		,,,,			7	,	
Business Center/Computer Lab	yes	yes	yes	no	yes	no	no	yes	no	yes
Car Wash	no	no	no	no	no	no	no	yes	no	yes
Clubhouse/Meeting	no	no	yes	yes	yes	no	no	yes	yes	yes
Courtyard	yes	no	no	yes	no	no	no	no	no	no
Elevators	yes	no	yes	yes	yes	no	yes	no	yes	no
Exercise Facility	yes no	no	yes no	no	yes no	no	yes no	yes	yes no	yes
Garage	yes	yes	no	yes	no	yes	yes	yes	yes	yes
Central Laundry Off-Street Parking	yes	yes	yes	yes	yes	yes	no	yes	yes	yes
On-Site Management	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes
Picnic Area	yes	no	yes	no	no	yes	no	yes	yes	yes
Playground	no	no	no	no	no	no	no	no	no	yes
Recreation Areas	no	no	yes	no	yes	no	no	no	no	no
Service Coordination	no	no	yes	no	no	no	no	no	no	no
Swimming Pool	no	no	no	no	no	yes	no	yes	no	yes
Tennis Court	no	no no	no no	no no	no	yes	no no	no	no vec	no no
Theatre	no yes	no	no	no	no no	no	no	no yes	yes no	no no
Wi-Fi Security	,00	110	110	110	110	110	110	,00	110	110
In-Unit Alarm	no	no	yes	no	no	no	no	no	no	no
Intercom (Phone)	no	no	no	no	yes	no	no	no	no	no
Limited Access	no	no	no	yes	yes	no	yes	yes	yes	no
Patrol	no	no	no	yes	no	no	no	no	no	yes
Perimeter Fencing	no	no	no	no	no	no	no	yes	no	yes
Other Amenities										
Other	Library and covered porch	n/a	Horseshoe pit, shuffleboard, library, garden	n/a	n/a	n/a	Bike Storage	Outdoor auditorium	Library	Dog park, putting green



The Subject will offer generally slightly superior to slightly inferior in-unit amenities in comparison to the LIHTC and market-rate comparable properties and slightly superior property amenities to both the LIHTC and market comparables. The Subject will offer handrails, microwaves, walk-in closets, a business center, community room and exercise facility, which several of the comparable properties lack. Overall, we believe that the proposed amenities will allow the Subject to effectively compete in the senior LIHTC market.

#### 5. Comparable Tenancy

The Subject will target seniors age 62 and older. All of the LIHTC comparable properties also target seniors. One of the market rate comparables, Veranda at Midtown, targets seniors. The remaining market-rate comparables target families.

#### 6. Vacancy

The following table illustrates the vacancy rates in the market.

OVERALL VACANCY									
Property Name	Occupancy Type	Tenancy	Total Units	Vacant Units	Vacancy Rates				
Pinewood Village	LIHTC, Non-Rental	Senior	64	0	0.0%				
Sheppard Station Apartments	LIHTC, Market	Senior	69	0	0.0%				
Sisters Court Apartments	LIHTC, Non-Rental	Senior	78	28	35.9%				
Sustainable Fellwood III	LIHTC, PBRA, Market	Senior	100	4	4.0%				
Chelsea At Five Points	Market	Family	136	1	0.7%				
Drayton Tower	Market	Family	99	2	2.0%				
The Fountains At Chatham Parkway	Market	Family	352	12	3.4%				
Veranda At Midtown	Market, PBRA	Senior	100	2	2.0%				
Walden At Chatham Center	Market	Family	236	4	1.7%				
Total LIHTC			311	24	7.7%				
Total Market Rate			923	24	2.6%				
Overall Total			1.234	53	4.3%				

Overall vacancy in the market is moderate at 4.3 percent. Total LIHTC vacancy is higher, at 7.7 percent and is skewed by the high vacancy at Sisters Court Apartments. Sisters Court Apartments received LIHTC allocation in 2016 and is currently in its lease-up phase post-renovation. The property manager reported that the first unit was leased March 31, 2017 post-renovation, is currently 65 percent leased, and expects that the remaining units will be leased up by the end of April 2017. The remaining LIHTC comparables report vacancy below 4.0 percent. Considering only the vacancy at these comparables, the overall LIHTC vacancy is low at 1.3 percent. The LIHTC comparables also report lengthy waiting lists.

The vacancy rates among the market-rate comparable properties range from 0.7 to 3.4 percent, averaging 2.6 percent, which is considered low. The Fountains at Chatham Parkway is experiencing the highest vacancy rate at 3.4 percent. The remaining market rate comparables report vacancy below 2.0 percent. Additionally, Drayton Tower and Veranda at Midtown report maintaining waiting lists. Veranda at Midtown is a senior market rate property within 0.6 miles of the Subject. The strong performance of this property, along with the low vacancy at both the LIHTC and market rate comparables and the existence of waiting lists for both types of comparables, suggests there is sufficient demand for additional affordable senior housing in the market. We do not believe that the Subject will impact the performance of the existing LIHTC properties if allocated. We believe the Subject can expect to maintain vacancy rates below five percent.

#### 7. Properties Under Construction and Proposed

The following section details properties currently planned, proposed or under construction.

#### Hitch Village I and II

- a. Location: 280 Randolph Street and 220 McAllister Street
- b. Owner: Hitch Phase I and Hitch Phase II, LP
- c. Total number of units: 172 units total
- d. Unit configuration: One- and two-bedroom units
- e. Rent structure: 50 and 60 percent AMI
- f. Estimated market entry: July 2017
- g. Relevant information: The property was allocated in 2015 and targets family tenancy. These properties will not directly compete with the Subject and their units have not been deducted from our demand analysis.

#### **Sisters Court Apartments**

- h. Location: 222 East 37th Street
- i. Owner: Sisters Court Senior Housing, LP
- j. Total number of units: 77 units
- k. Unit configuration: One- and two-bedroom units
- I. Rent structure: 50 and 60 percent AMI
- m. Estimated market entry: March 2017
- n. Relevant information: The property leased its first unit March 31, 2017 and expects to reach leaseup by the end of April 2017. As of the date of this report, the property was 65 percent leased. We have deducted the 77 units at this property from our demand analysis.

#### **Telfair Arms**

- a. Location: 17 East Park Avenue
- b. Owner: Telfair Arms Senior Housing, LP
- c. Total number of units: Seven units
- d. Unit configuration: Two- bedroom units
- e. Rent structure: 60 percent AMI
- f. Estimated market entry: July 2017
- g. Relevant information: All units have been deducted from our demand analysis

#### **Romana-Riley Lofts**

- a. Location: 1108 East Anderson Street
- b. Owner: Romana-Riley Lofts, LP
- c. Total number of units: 57 units
- d. Unit configuration: One- and two-bedroom units
- e. Rent structure: 50 and 60 percent AMI
- f. Estimated market entry: July 2017
- g. Relevant information: This is a rehabilitation of a historic building already offering affordable units to seniors. All units have been deducted from our demand analysis

#### 8. Rental Advantage

The following table illustrates the Subject's similarity to the comparable properties. We inform the reader that other users of this document may underwrite the LIHTC rents to a different standard than contained in this report.



#### **SIMILARITY MATRIX**

#	Property Name	Program	Property Amenities	Unit Features	Location	Age / Condition	Unit Size	Overall Comparison
1	Pinewood Village	LIHTC, Non-Rental	Inferior	Superior	Similar	Similar	Superior	10
2	Sheppard Station Apartments	LIHTC, Market	Superior	Slightly Superior	Similar	Slightly Inferior	Slightly Superior	15
3	Sisters Court Apartments	LIHTC, Non-Rental	Similar	Slightly Superior	Similar	Similar	Slightly Inferior	0
4	Sustainable Fellwood III	LIHTC, PBRA, Market	Similar	Slightly Inferior	Similar	Slightly Inferior	Similar	-10
5	Chelsea At Five Points	Market	Similar	Slightly Inferior	Similar	Inferior	Similar	-15
6	Drayton Tower	Market	Inferior	Slightly Inferior	Similar	Slightly Inferior	Slightly Inferior	-25
7	The Fountains At Chatham Parkway	Market	Superior	Superior	Similar	Slightly Inferior	Similar	15
8	Veranda At Midtown	Market	Similar	Slightly Superior	Similar	Slightly Inferior	Similar	0
9	Walden At Chatham Center	Market	Superior	Slightly Superior	Similar	Slightly Inferior	Similar	10

The rental rates at the LIHTC properties are compared to the Subject's proposed 50 and 60 percent AMI rents in the following table.

#### **LIHTC RENT COMPARISON - @50%**

Property Name	1BR	2BR
Live Oak Landing (Subject)	\$435	\$530
2016 LIHTC Maximum (Net)	\$441	\$532
Pinewood Village	\$450	\$520
Sheppard Station Apartments	\$483	\$523
	\$483	\$523
Average (excluding Subject)	\$466	\$528

All of the comparable properties were built in 2014 or earlier. The AMI in Chatham County for 2016 is the highest level the county has ever experienced. Therefore, none of the comparable properties have been "held harmless." All of the comparables will operate with the same maximum allowable income and rent limits as the Subject's proposed income and rent limits. Several of the comparables appear to be achieving rents above the 2016 LIHTC maximum allowable levels for Chatham County. This is likely due to discrepancies in the utility allowance. Sheppard Station Apartments is achieving the highest one-bedroom rents at 50 percent AMI, while Sisters Court Apartments is achieving the highest two-bedroom rents at 50 percent AMI. Upon completion, the Subject will be most similar to Sisters Court Apartments, which is currently undergoing renovations and in its reabsorption phase. This property offers a similar location, slightly superior amenities, but inferior unit sizes in comparison to the Subject. The Subject will also be similar with respect to age and condition upon completion. Sisters Court Apartments is achieving the 2016 LIHTC maximum allowable rents. Therefore, given the Subject's superior unit sizes and new condition, we believe the Subject's proposed rents at the 50 percent AMI level are achievable.

ı	IHTC:	RFNT	COMP	ARISON	I - @60%

Property Name	1BR	2BR
Live Oak Landing (Subject)	\$525	\$640
LIHTC Maximum (Net)	\$560	\$675
Pinewood Village	\$460	\$575
Sheppard Station Apartments	\$529	\$597
Sisters Court Apartments	\$568	\$690
Sustainable Fellwood III	\$556	\$684
Average (excluding Subject)	\$528	\$637

All of the comparable properties were built in 2014 or earlier. The AMI in Chatham County for 2016 is the highest level the county has ever experienced. Therefore, none of the comparable properties have been "held harmless." All of the comparables will operate with the same maximum allowable income and rent limits as the Subject's proposed income and rent limits. Sisters Court Apartments appear to be achieving rents above the 2016 LIHTC maximum allowable levels for Chatham County. This is likely due to discrepancies in the utility allowance. Sisters Court Apartments is achieving the highest rents at the 60 percent AMI level. Upon completion the Subject will be most similar to Sisters Court Apartments, which is currently undergoing renovations and is in its reabsorption phase. This property offers a similar location, slightly superior amenities, but inferior unit sizes in comparison to the Subject. The Subject will also be similar with respect to age and condition upon completion. Sisters Court Apartments is achieving the 2016 LIHTC maximum allowable rents. Therefore, given the Subject's superior unit sizes and new condition, we believe the Subject's proposed rents at the 60 percent AMI level are achievable.

#### **Analysis of "Market Rents"**

Per DCA's market study guidelines, "average market rent is to be a reflection of rents that are achieved in the market. In other words, the rents the competitive properties are currently receiving. Average market rent is not 'Achievable unrestricted market rent.' In an urban market with many tax credit comps, the average market rent might be the weighted average of those tax credit comps. In cases where there are few tax credit comps, but many market-rate comps with similar unit designs and amenity packages, then the average market rent might be the weighted average of those market-rate comps. In a small rural market there may be neither tax credit comps nor market-rate comps with similar positioning as the subject. In a case like that the average market rent would be a weighted average of whatever rents were present in the market."

When comparing the Subject's rents to the average comparable rent, we have not included surveyed rents at lower AMI levels given that this artificially lowers the average surveyed rent. Including rents at lower AMI levels does not reflect an accurate average rent for rents at higher income levels. For example, if the Subject offers rents at the 50 and 60 percent of AMI levels, and there is a distinct difference at comparable properties between rents at the two AMI levels, we have not included the 50 percent of AMI rents in the average comparable rent for the 60 percent of AMI comparison.

The overall average and the maximum and minimum adjusted rents for the comparable properties surveyed are illustrated in the table below in comparison with net rents for the Subject.

SUBJECT	COMPARISON TO	COMPARABLE RENTS

Unit Type	Subject Proposed Rent	Surveyed Min	Surveyed Max	Surveyed Average	Subject Rent Advantage
1BR @ 50% (Lowrise)	\$435	\$449	\$1,846	\$761	75%
1BR @ 50% (One-story)	\$435	\$449	\$1,846	\$761	75%
2BR @ 50% (Lowrise)	\$530	\$520	\$2,527	\$960	81%
1BR @ 60% (Lowrise)	\$525	\$460	\$1,846	\$831	58%
1BR @ 60% (One-story)	\$525	\$460	\$1,846	\$831	58%
2BR @ 60% (Lowrise)	\$640	\$575	\$2,527	\$1,062	66%
1BR - Market Rate (Lowrise)	\$615	\$529	\$1,846	\$924	50%
1BR - Market Rate (One-story)	\$615	\$529	\$1,846	\$924	50%
2BR - Market Rate (Lowrise)	\$735	\$597	\$2,527	\$1,193	62%

As illustrated the Subject's proposed one-bedroom rents at 50 percent AMI are below the surveyed range and the surveyed average of the comparables. The Subject's one-bedroom rents at 60 percent AMI and two-bedroom rents at 50 and 60 percent AMI are within the range of the comparables but well below the surveyed average. The Subject's proposed market rents are within the range of the comparable properties. Drayton Tower is achieving the highest one- and two-bedroom unrestricted rents in the market. Drayton Tower was most recently renovated in 2012 and exhibits good condition, which is slightly inferior to the anticipated condition of the Subject upon completion. This development's highrise-style design is also considered inferior to the Subject's lowrise and one-story design. Drayton Tower is located 1.3 miles northwest of the Subject and offers a similar location. Drayton Tower offers inferior amenities compared to the Subject's proposed amenities.

The Subject will be most similar to the market rate comparables Walden at Chatham Center and Veranda at Midtown. These properties were constructed in 2003 and 2005, respectively. Walden at Chatham Center was constructed in 2003 and exhibits good condition. It is located 4.8 miles from the Subject and offers a similar location to the Subject. This property offers slightly superior in-unit amenities and slightly superior property amenities in comparison to the Subject. Walden at Chatham Center offers a car wash, clubhouse/meeting room, garage parking, and a swimming pool, which the Subject lacks. Walden at Chatham Center offers unit sizes similar to the Subject, however. Veranda at Midtown was constructed in 2005 and exhibits good condition. It is located approximately 0.6 miles from the Subject in a similar location. This property offers slightly superior in-unit amenities and similar property amenities, including elevators, an exercise facility, and on-site management. Veranda at Midtown offers slightly smaller unit sizes than the Subject. Upon completion, the Subject will be superior to both Walden at Chatham Center and Veranda at Midtown with respect to age and condition. Overall, we believe that the Subject's proposed rents are achievable in the market and will offer an advantage when compared to the average rents being achieved at comparable properties.

#### 9. LIHTC Competition – DCA Funded Properties within the PMA

Capture rates for the Subject are considered moderate for all bedroom types and AMI levels. If allocated, the Subject will be superior to the existing LIHTC housing stock. Aside from Sisters Court Apartments, which is still in its lease-up period, the average LIHTC vacancy rate is healthy at 1.3 percent. Aside from Sisters Court Apartments, the LIHTC comparables report vacancies below 4.0 percent.

The following table details the three projects in the PMA that were allocated between 2014 and 2016:

LIHTC ALLOCATIONS	IN THE PMA.	2014 -	- PRESENT
-------------------	-------------	--------	-----------

					Competitive
Property Name	Program	Tenancy	Status	<b>Total Units</b>	Units
Hitch Village I	LIHTC/Market	Family	Under construction	72	0
Hitch Village II	LIHTC/Market	Family	Proposed	100	0
Sister's Court Apartments	LIHTC	Senior	Complete	77	77
Telfair Arms	LIHTC	Senior	Under construction	53	7
Romana-Riley Lofts	LIHTC	Senior	Proposed	57	57

- Hitch Village I and Hitch Village II were allocated in 2014 and 2015, respectively. Phase I and II of
  the project will target families and will offer 72 and 100 units, respectively. Because this property
  targets a family tenancy, we have not deducted any of its units from our demand analysis.
- Sisters Court Apartments was allocated in 2014 and is currently in its lease-up period. Sisters Court
  Apartments offers one- and two-bedroom units at 50 and 60 percent AMI to seniors 62+ and is
  considered directly competitive with the Subject. The property leased its first unit March 31, 2017
  and expects to reach lease-up by the end of April 2017. As of the date of this report, the property
  was 65 percent leased. We have deducted the 77 LIHTC units at this property from our demand
  analysis.
- Telfair Arms was allocated in 2015 and is currently under construction. This property is a rehabilitation of an existing historic building and will offer seven two-bedroom units at 60 percent AMI to seniors upon completion. Telfair Arms is located at 17 East Park Avenue, approximately 1.2 miles west of the Subject. We have deducted the seven LIHTC units from our demand analysis.
- Romana-Riley Lofts was allocated in 2016 and will be a rehabilitated historic property offering units at 50 and 60 percent AMI. The property will offer 57 units to seniors 55+ upon completion. Romana-Riley will be located at 1108 E Anderson Street, approximately 0.5 miles southwest of the Subject. We have deducted the property's 57 competitive units from our demand analysis.

#### 10. Rental Trends in the PMA

The following table is a summary of the tenure patterns of the housing stock in the PMA.

#### PMA TENURE PATTERNS OF SENIORS 62+

Year	Owner-Occupied Units	Percentage Owner- Occupied	Renter-Occupied Units	Percentage Renter- Occupied
2000	9,261	70.5%	3,873	29.5%
2017	8,401	63.6%	4,813	36.4%
Projected Mkt Entry July 2019	8,764	63.1%	5,130	36.9%
2021	9,128	62.6%	5,447	37.4%

Source: Esri Demographics 2017, Novogradac & Company LLP, April 2017

Between 2000 and 2017, the PMA has experienced a significant growth in the share of senior renter households and currently has a higher share of renter households than homeowners. Nationally, approximately two-thirds of the population resides in owner-occupied housing units, and one-third resides in renter-occupied housing units, which indicates that the PMA has a significantly higher share of renter households than the nation.



#### **Historical Vacancy**

The following table details historical vacancy levels for the properties included as comparables.

Comparable Property	Туре	Total Units	1QTR 2015	2QTR 2015	3QTR 2015	1QTR 2016	2QTR 2016	1QTR 2017	2QTR 2017
Pinewood Village	LIHTC, Non-Rental	64	N/A	0.0%	N/A	0.0%	N/A	0.0%	N/A
Sheppard Station Apartments	LIHTC, Market	69	N/A	0.0%	N/A	0.0%	N/A	0.0%	N/A
Sisters Court Apartments	LIHTC, Non-Rental	78	1.3%	N/A	N/A	N/A	N/A	N/A	35.9%
Sustainable Fellwood III	LIHTC, PBRA, Market	100	2.0%	N/A	N/A	0.0%	N/A	N/A	4.0%
Chelsea At Five Points	Market	136	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	N/A
Drayton Tower	Market	99	N/A	N/A	1.0%	N/A	7.1%	2.0%	N/A
The Fountains At Chatham Parkway	Market	352	2.8%	2.6%	0.3%	3.1%	4.8%	N/A	3.4%
Walden At Chatham Center	Market	236	1.7%	1.7%	1.7%	5.9%	N/A	N/A	1.7%

As illustrated in the table, we were able to obtain historical vacancy rates at all of the comparable properties for several quarters in the past two years. In general, the comparable properties experienced decreasing vacancy from 2015 through the second quarter of 2017. Vacancy rates at all of the LIHTC comparable Sisters Court Apartments increased since the first quarter of 2015, owing to the property's ongoing rehabilitation. The property is currently in a re-absorption phase. Sustainable Fellwood III also reported increased vacancy, but maintains a waiting list. While several properties exhibit elevated vacancy rates, overall, the weighted average vacancy rate among the LIHTC comparable properties is moderate. Overall, we believe that the current performance of the LIHTC comparable properties, as well as their historically low to moderate vacancy rates, indicate demand for affordable senior rental housing in the Subject's market.

#### **Change in Rental Rates**

The following table illustrates rental rate increases as reported by the comparable properties.

RENT	GR	ดพ	/TH

Comparable Property	Rent Structure	Rent Growth
Pinewood Village	LIHTC, Non-Rental	Increased two to three percent
Sheppard Station Apartments	LIHTC, Market	Increased two to four percent
Sisters Court Apartments	LIHTC, Non-Rental	None
Sustainable Fellwood III	LIHTC, PBRA, Market	No change to increased nine
Chelsea At Five Points	Market	Increased two to three percent
Drayton Tower	Market	Increased one to four percent
The Fountains At Chatham Parkway	Market	Increased one percent
Veranda At Midtown	Market	None
Walden At Chatham Center	Market, PBRA	Increased two percent

The LIHTC properties have reported moderate rent growth in the past year. The market rate properties reported rent growth of up to four percent in some instances. The one mixed-income property reported both no change and increase in rent in the past year. We anticipate that the Subject will be able to achieve moderate rent growth in the future as a LIHTC property.

#### 11. Impact of Foreclosed, Abandoned and Vacant Structures

According to *RealtyTrac* statistics, one in every 1,588 housing units nationwide was in some stage of foreclosure as of April 2017. The city of Savannah is experiencing a foreclosure rate of one in every 2,118 homes, while Chatham County is experiencing foreclosure rate of one in every 2,034 homes and Georgia experienced one foreclosure in every 1,898 housing units. Overall, Savannah is experiencing a lower foreclosure rate than both Chatham County and the nation, indicating a healthy housing market. The



Subject's neighborhood does not have a significant amount of abandoned or vacancy structures that would impact the marketability of the Subject.

#### **12. Primary Housing Void**

All of the LIHTC properties maintain waiting lists. Pinewood Village, a recently construct, age-restricted LIHTC property, maintains a waiting list of approximately 150 households. Sheppard Stone Apartments, another age-restricted LIHTC property, maintains a waiting list of 60 households. Sustainable Fellwood III, a mixed-income, age-restricted property, maintains a waiting list of nine months to one year. All but one of the LIHTC comparables offer one- and two-bedroom units at 50 and 60 percent. Sustainable Fellwood offers only units at 60 percent AMI. Waiting lists at the LIHTC comparables suggest there is additional, unmet demand for one- and two-bedroom units at 50 and 60 percent AMI or less.

#### 13. Effect of Subject on Other Affordable Units in Market

There are three LIHTC developments under construction in the PMA. All of the comparable properties report extensive waiting lists. We believe there is adequate demand for the addition of the Subject within the market. The vacancy rate among the existing LIHTC comparables is low at 1.3 percent, excluding the one LIHTC comparable that is currently in a re-absorption phase. The current and historical vacancy rates at the LIHTC comparable properties, as well as the waiting lists all of the LIHTC comparables, indicate unmet demand in the market for affordable housing. In summary, the performance of the comparable LIHTC properties and the existence of waiting lists for affordable units indicate that the Subject will not negatively impact the existing or proposed affordable rental units in the market.

#### **Conclusions**

Based upon our market research, demographic calculations and analysis, we believe there is adequate demand for the Subject property as proposed. Excluding the one LIHTC comparable that is still in its lease-up period, the LIHTC comparables are experiencing a weighted average vacancy rate of 1.3 percent, which is considered low. The LIHTC properties maintain waiting lists, and property managers at the LIHTC properties report high demand for affordable senior housing. Age-restricted properties in the PMA are performing well and report low vacancy rates and waiting lists. Furthermore, the senior population and senior households are expected to increase in the PMA through market entry and through 2021. These factors indicate demand for affordable senior housing. The Subject will offer generally slightly inferior to slightly superior inunit amenities in comparison to the LIHTC and market-rate comparable properties and slightly superior property amenities to both the LIHTC and market comparables. The Subject will offer handrails, microwaves, walk-in closets, a business center, community room and exercise facility which several of the comparable properties lack. Overall, we believe that the proposed amenities will allow the Subject to effectively compete in the senior LIHTC market. As new construction, the Subject will be in excellent condition upon completion and will be considered slightly superior to superior in terms of condition to all of the comparable properties. The Subject's proposed unit sizes will be competitive with the comparable properties and offer an advantage in the market. Three senior properties have been allocated LIHTC funding in the past three years, and may affect the Subject's absorption. However, given the Subject's anticipated superior condition relative to the competition and the demand for affordable housing evidenced by waiting lists and low vacancy at several LIHTC comparable properties, we believe that the Subject is feasible as proposed. We believe that it will not negatively impact the performance of the existing and allocated affordable senior properties in the area. We believe the Subject is feasible as proposed and will perform well.

# I. ABSORPTION AND STABILIZATION RATES

#### **ABSORPTION AND STABILIZATION RATES**

We were able to obtain absorption information from five of the comparable properties, which is illustrated following table.

#### **ABSORPTION**

Property Name	Occupancy Type	Tenancy	Year Built	Number of Units	Units Absorbed/ Month
Pinewood Village	LIHTC, Non-Rental	Senior	2014	64	21
Sheppard Station Apartments	LIHTC, Market	Senior	2009	69	12
Sisters Court Apartments	LIHTC, Non-Rental	Senior	1900/1999/2017	78	39
Sustainable Fellwood III	LIHTC, PBRA, Market	Senior	2012	100	30
The Fountains At Chatham Parkway	Market	Family	2008	352	<u>29</u>
				Average	26

Per DCA guidelines, we have calculated the absorption to 93 percent occupancy. The Subject is proposed construction of a senior 62+ LIHTC property. The average absorption pace at the comparable properties is 26 units per month. The newest senior LIHTC property in the PMA, Sisters Court Apartments, is experiencing an absorption pace of 39 units per month, which is faster than the average absorption pace of the comparables. At an absorption pace similar to that of Sisters Court Apartments the Subject could expect to reach 93 percent occupancy in approximately one to two months. Additional senior LIHTC development in the area – discussed in other sections of this study – may impact the Subject's absorption. At a more conservative absorption pace of 15 units per month, the Subject could expect to reach 93 percent occupancy in approximately four to five months. Per DCA guidelines, we have calculated the absorption to 93 percent occupancy.

## J. INTERVIEWS

#### **Housing Authority of Savannah**

The Housing Authority of Savannah is the agency that manages the Housing Choice Voucher Program in the Subject's area. We recently spoke with Lynn Coleman, Director of Assisted Housing Programs at the Housing Authority of Savannah, who stated that there are a total of 3,186 HCV currently administered in the city. Of these HCV, approximately 2,837 are tenant based vouchers. Ms. Coleman stated that the HCV waiting list has been closed since 2013 and there are no plans to open the waiting list soon. When the waiting list closed, there were over 12,000 households and as of the housing authority's most recent board meeting there are 9,379 households on the list. There are no preferences given to seniors, individuals with disabilities, or any other type of household. The following table illustrates the current payment standards, as provided by Ms. Coleman.

#### **PAYMENT STANDARDS**

Unit Type	Payment Standard
One-bedroom	\$795
Two-bedroom	\$886

Source: Housing Authority of Savannah, effective January 2017.

The Subject's proposed rents are set below the current payment standards. Therefore, tenants with Housing Choice Vouchers will not pay out of pocket for rent.

#### **Planning Discussion**

We attempted to contact the City of Savannah's Development Services; however, our calls were not returned in time for this report.

We learned of two proposed/under construction projects within the Subject's PMA. Telfair Arms received a tax credit allocation in 2015 and is currently undergoing construction. Upon completion, Telfair Arms will offer seven affordable two-bedroom units to seniors. This property is a rehabilitation of an existing historic building that is located at 17 E Park Avenue, which is approximately 1.2 miles west of the Subject site. Additionally, Romana-Riley Lofts received a tax credit allocation in 2016 and will be a rehabilitation of an existing historic property for seniors 55 and older. The development will offer 57 units, consisting of one and two-bedroom units. This development will be mixed-income and will offer nine market-rate units and 48 affordable units for households earning 50 and 60 percent of the AMI, or less. Due to the proposed Subject's age-restriction we expect that these two developments will compete with the proposed Subject and have therefore deducted 64 units from our demand analysis. Hitch Village Phase I and Phase II are currently under construction as well. Hitch Village Phase I was allocated in 2014 and will offer 72 total units, 57 of which will be LIHTC, to families/general households. Hitch Village Phase II was allocated tax credits in 2015 and will offer 100 units target families/general households. Because of their family tenancy, these properties will not directly compete with the Subject. As such, their units have not been deducted from our demand analysis.

#### **Savannah Economic Development Authority**

We made several attempts to contact a member at the Savanah Economic Development; however, our calls were not returned in time for this report. Based on internet research, we learned of one significant employment expansion. Daniel Defense, a manufacturer of firearms and accessories, began construction on a new 255,000 square foot facility on November 28, 2016. According to the Savannah Morning News article titled "Daniel defense breaks ground on expansion Monday," dated November 2016, this project represents a \$29.5 million investment and is expected to create approximately 75 new jobs. Construction is anticipated to finish in the summer of 2017.

Additional interviews can be found in the comments section of the property profiles.



# K. CONCLUSIONS AND RECOMMENDATIONS

#### **C**ONCLUSIONS

#### **Demographics**

The PMA has experienced modest senior population and household growth between 2010 and 2017, and is projected to continue experiencing growth. Through market entry, senior population and households in the PMA are projected to grow at a faster rate than the MSA, but slower rate than the nation. The majority of senior renter households in the PMA are one and two-person households. The PMA has a higher share of renter households than the nation, which is in contrast to the national tenure patterns where approximately two-thirds of the households are homeowners and one third of households are renter households. The majority of senior renter households in the PMA have an annual income in the four lowest income cohorts, which ranges from \$0 to \$39,999. The proposed Subject's affordable units will be restricted to seniors with an annual income between \$17,670 and \$30,480. Income limits for the Subject's unrestricted market rate units will range from \$18,450 to \$50,800. Overall, while population growth has been modest, the concentration of senior renter households at the lowest income cohorts indicates significant demand for affordable rental housing in the market.

#### **Employment Trends**

The PMA employs a significant share of individuals within the accommodation/food services, healthcare/social assistance, retail trade, educational services, and public administration. It is important to note the high share of individuals the PMA employs within the accommodation/food services sector. The major employers in the Savannah, GA MSA are concentrated within relatively stable sectors, including the education, government, healthcare, retail, marine cargo handling, and civic association sectors. From 2014 to year to date 2017 there have been six WARN notice filings in Chatham County, which total up to 1,779 affected employees. It is important to note that there have been zero WARN notice filings in Chatham County so far in 2017.

The Savannah, GA MSA has experienced strong employment growth from 2000 to 2017. Since the national recession, employment in the MSA has grown by a faster rate than employment in the nation every year with the exception of 2014 where employment in the MSA grew at a slightly slower rate. Based on the employment data, employment in the PMA is 3.3 percent above pre-recession high levels and the nation is 3.9 percent above pre-recession high levels, which indicates that the MSA economy is in a period of recovery and growth. More recently from December 2015 to December 2016, employment in the MSA grew 5.5 percent, which was significantly higher than the national employment growth during this same 12-month period, which was 1.4 percent. The MSA has historically reported a slightly higher unemployment rate than the nation; however, the MSA unemployment rate trend indicates that the unemployment rate has been declining since 2012. The growing local economy is a positive indicator of demand for rental housing and the Subject's proposed units.



#### **Capture Rates**

The following table illustrates the demand and capture rates for the Subject's proposed units.

**CAPTURE RATE ANALYSIS CHART** 

Unit Type	Minimum Income	Maximum Income	Units Proposed	Su Su		Net Demand	Capture Rate	Proposed Rents
1BR at 50% AMI	\$17,670	\$22,250	12	147	34	113	10.7%	\$435
1BR at 60% AMI	\$20,370	\$26,700	10	141	63	78	12.8%	\$525
1BR All LIHTC	\$17,670	\$26,700	22	216	97	119	18.5%	-
1BR Unrestricted	\$18,450	\$44,500	2	403	3	400	0.5%	\$615
1BR Overall	\$17,670	\$44,500	24	427	100	327	7.3%	-
2BR at 50% AMI	\$21,390	\$25,400	20	135	8	127	15.8%	\$530
2BR at 60% AMI	\$24,690	\$30,480	21	130	27	103	20.4%	\$640
2BR All LIHTC	\$21,390	\$30,480	41	199	35	164	25.0%	-
2BR Unrestricted	\$22,050	\$50,800	5	372	6	366	1.4%	\$735
2BR Overall	\$21,390	\$50,800	46	393	41	352	13.1%	-
50% AMI Overall	\$17,670	\$25,400	32	281	42	239	13.4%	-
60% AMI Overall	\$20,370	\$30,480	31	271	90	181	17.1%	-
All LIHTC Overall	\$17,670	\$30,480	63	415	132	283	22.3%	-
<b>Unrestricted Overall</b>	\$18,450	\$50,800	7	775	9	766	0.9%	-
Overall	\$17,670	\$50,800	70	820	141	679	10.3%	-

We believe these calculated capture rates are reasonable, particularly as these calculations do not consider demand from outside the PMA or standard rental household turnover.

#### **Absorption**

We were able to obtain absorption information from five of the comparable properties, which is illustrated following table.

ΔRS	DT	INNI

Property Name	Occupancy Type	Tenancy	Year Built	Number of	Units Absorbed/
r roperty Name	occupancy type	Terraries	Tour Built	Units	Month
Pinewood Village	LIHTC, Non-Rental	Senior	2014	64	21
Sheppard Station Apartments	LIHTC, Market	Senior	2009	69	12
Sisters Court Apartments	LIHTC, Non-Rental	Senior	1900/1999/2017	78	39
Sustainable Fellwood III	LIHTC, PBRA, Market	Senior	2012	100	30
The Fountains At Chatham Parkway	Market	Family	2008	352	<u>29</u>
				Average	26

Per DCA guidelines, we have calculated the absorption to 93 percent occupancy. The Subject is proposed construction of a senior 62+ LIHTC property. The average absorption pace at the comparable properties is 26 units per month. The newest senior LIHTC property in the PMA, Sisters Court Apartments, is experiencing an absorption pace of 39 units per month, which is faster than the average absorption pace of the comparables. At an absorption pace similar to that of Sisters Court Apartments the Subject could expect to reach 93 percent occupancy in approximately one to two months. Additional senior LIHTC development in the area – discussed in other sections of this study – may impact the Subject's absorption. At a more conservative absorption pace of 15 units per month, the Subject could expect to reach 93 percent occupancy in approximately four to five months. Per DCA guidelines, we have calculated the absorption to 93 percent occupancy.



#### **Vacancy Trends**

The following table illustrates the vacancy rates in the market.

$\alpha$	ER	Λ Ι		1/1	$\sim ^{4}$	NIC	١.
UV	CK	ΑI	_L	VA	LΑ	INC	, T

Property Name	Occupancy Type	Tenancy	Total Units	Vacant Units	Vacancy Rates
Pinewood Village	LIHTC, Non-Rental	Senior	64	0	0.0%
Sheppard Station Apartments	LIHTC, Market	Senior	69	0	0.0%
Sisters Court Apartments	LIHTC, Non-Rental	Senior	78	28	35.9%
Sustainable Fellwood III	LIHTC, PBRA, Market	Senior	100	4	4.0%
Chelsea At Five Points	Market	Family	136	1	0.7%
Drayton Tower	Market	Family	99	2	2.0%
The Fountains At Chatham Parkway	Market	Family	352	12	3.4%
Veranda At Midtown	Market, PBRA	Senior	100	2	2.0%
Walden At Chatham Center	Market	Family	236	4	1.7%
Total LIHTC			311	24	7.7%
Total Market Rate			923	24	2.6%
Overall Total			1,234	53	4.3%

Overall vacancy in the market is moderate at 4.3 percent. Total LIHTC vacancy is higher, at 7.7 percent and is skewed by the high vacancy at Sisters Court Apartments. Sisters Court Apartments received LIHTC allocation in 2016 and is currently in its lease-up phase post-renovation. The property manager reported that the first unit was leased March 31, 2017 post-renovation, is currently 65 percent leased, and expects that the remaining units will be leased up by the end of April 2017. The remaining LIHTC comparables report vacancy below 4.0 percent. Considering only the vacancy at these comparables, the overall LIHTC vacancy is low at 1.3 percent. The LIHTC comparables also report lengthy waiting lists.

The vacancy rates among the market-rate comparable properties range from 0.7 to 3.4 percent, averaging 2.6 percent, which is considered low. The Fountains at Chatham Parkway is experiencing the highest vacancy rate at 3.4 percent. The remaining market rate comparables report vacancy below 2.0 percent. Additionally, Drayton Tower and Veranda at Midtown report maintaining waiting lists. Veranda at Midtown is a senior market rate property within 0.6 miles of the Subject. The strong performance of this property, along with the low vacancy at both the LIHTC and market rate comparables and the existence of waiting lists for both types of comparables, suggests there is sufficient demand for additional affordable senior housing in the market. We do not believe that the Subject will impact the performance of the existing LIHTC properties if allocated. We believe the Subject can expect to maintain vacancy rates below five percent.

#### **Strengths of the Subject**

Strengths of the Subject will include its close proximity to neighborhood retail and schools. Single family homes in the general vicinity appear to have been built prior to 1989 and are in good condition. Upon completion, the Subject will offer generally similar to superior in-unit amenities to both the LIHTC and the market-rate comparables and slightly superior property amenities to both the LIHTC and market rate comparables. As the demand analysis found earlier in this report will indicate, there is adequate demand for the Subject based on our calculations for the 50 and 60 percent AMI units.

#### **Conclusion**

Based upon our market research, demographic calculations and analysis, we believe there is adequate demand for the Subject property as proposed. Excluding the one LIHTC comparable that is still in its lease-up period, the LIHTC comparables are experiencing a weighted average vacancy rate of 1.3 percent, which is considered low. The LIHTC properties maintain waiting lists, and property managers at the LIHTC properties report high demand for affordable senior housing. Age-restricted properties in the PMA are performing well and report low vacancy rates and waiting lists. Furthermore, the senior population and senior households are expected to increase in the PMA through market entry and through 2021. These factors indicate demand for affordable senior housing. The Subject will offer generally slightly inferior to slightly superior inunit amenities in comparison to the LIHTC and market-rate comparable properties and slightly superior property amenities to both the LIHTC and market comparables. The Subject will offer handrails, microwaves, walk-in closets, a business center, community room and exercise facility which several of the comparable properties lack. Overall, we believe that the proposed amenities will allow the Subject to effectively compete in the senior LIHTC market. As new construction, the Subject will be in excellent condition upon completion and will be considered slightly superior to superior in terms of condition to all of the comparable properties. The Subject's proposed unit sizes will be competitive with the comparable properties and offer an advantage in the market. Three senior properties have been allocated LIHTC funding in the past three years, and may affect the Subject's absorption. However, given the Subject's anticipated superior condition relative to the competition and the demand for affordable housing evidenced by waiting lists and low vacancy at several LIHTC comparable properties, we believe that the Subject is feasible as proposed. We believe that it will not negatively impact the performance of the existing and allocated affordable senior properties in the area. We believe the Subject is feasible as proposed and will perform well.

#### Recommendations

We recommend the Subject as proposed.

# L. SIGNED STATEMENT REQUIREMENTS

I affirm that I (or one of the persons signing below) have made a physical inspection of the market area and the Subject property and that information has been used in the full study of the need and demand for the proposed units. The report was written according to DCA's market study requirements, the information included is accurate and the report can be relied upon by DCA as a true assessment of the low-income housing rental market. To the best of my knowledge, the market can support the project as shown in the study. I understand that any misrepresentation of this statement may result in the denial of further participation in DCA's rental housing programs. I also affirm that I have no interest in the project or relationship with the ownership entity and my compensation is not contingent on this project being funded.

H. Blair Kincer, MAI

Partner

Blair.Kincer@novoco.com

Brian Neukam Manager

Brian.Neukam@novoco.com

Meg & Southern

Meg Southern Junior Analyst

Meg.Southern@novoco.com

Abby Cohen Principal

Abby.Cohen@novoco.com

Samil W. Makey

Daniel Mabry Analyst

Daniel.Mabry@novoco.com

Nancy Chavez-Ruiz

Junior Analyst

Nancy.Chavez-Ruiz@novoco.com

# M. MARKET STUDY REPRESENTATION

Novogradac & Company LLP states that DCA may rely on the representation made in the market study provided and this document is assignable to other lenders that are parties to the DCA loan transaction.

H. Blair Kincer, MAI Partner

Blair.Kincer@novoco.com

Brian Neukam Manager

Brian.Neukam@novoco.com

Meg E Southern

Meg Southern Junior Analyst

Meg.Southern@novoco.com

Abby Cohen Principal

Abby.Cohen@novoco.com

and W. Makey

Daniel Mabry Analyst

Daniel.Mabry@novoco.com

Nancy Chavez-Ruiz Junior Analyst

Nancy.Chavez-Ruiz@novoco.com

ADDENDUM A Assumptions and Limiting Conditions

#### **ASSUMPTIONS AND LIMITING CONDITIONS**

- 1. In the event that the client provided a legal description, building plans, title policy and/or survey, etc., the market analyst has relied extensively upon such data in the formulation of all analyses.
- 2. The legal description as supplied by the client is assumed to be correct and the author assumes no responsibility for legal matters, and renders no opinion of property title, which is assumed to be good and merchantable.
- 3. All encumbrances, including mortgages, liens, leases, and servitudes, were disregarded in this valuation unless specified in the report. It was recognized, however, that the typical purchaser would likely take advantage of the best available financing, and the effects of such financing on property value were considered.
- 4. All information contained in the report, which others furnished, was assumed to be true, correct, and reliable. A reasonable effort was made to verify such information, but the author assumes no responsibility for its accuracy.
- 5. The report was made assuming responsible ownership and capable management of the property.
- 6. The sketches, photographs, and other exhibits in this report are solely for the purpose of assisting the reader in visualizing the property. The author made no property survey, and assumes no liability in connection with such matters. It was also assumed there is no property encroachment or trespass unless noted in the report.
- 7. The author of this report assumes no responsibility for hidden or unapparent conditions of the property, subsoil or structures, or the correction of any defects now existing or that may develop in the future. Equipment components were assumed in good working condition unless otherwise stated in this report.
- 8. It is assumed that there are no hidden or unapparent conditions for the property, subsoil, or structures, which would render it more or less valuable. No responsibility is assumed for such conditions or for engineering, which may be required to discover such factors.
- 9. The investigation made it reasonable to assume, for report purposes, that no insulation or other product banned by the Consumer Product Safety Commission has been introduced into the Subject premises. Visual inspection by the market analyst did not indicate the presence of any hazardous waste. It is suggested the client obtain a professional environmental hazard survey to further define the condition of the Subject soil if they deem necessary.
- 10. Any distribution of total property value between land and improvements applies only under the existing or specified program of property utilization. Separate valuations for land and buildings must not be used in conjunction with any other study or market study and are invalid if so used.
- 11. Possession of the report, or a copy thereof, does not carry with it the right of publication, nor may it be reproduced in whole or in part, in any manner, by any person, without the prior written consent of the author particularly as to value conclusions, the identity of the author or the firm with which he or she is connected. Neither all nor any part of the report, or copy thereof shall be disseminated to the general public by the use of advertising, public relations, news, sales, or other media for public communication without the prior written consent and approval of the market analyst. Nor shall the market analyst,

- firm, or professional organizations of which the market analyst is a member be identified without written consent of the market analyst.
- 12. Disclosure of the contents of this report is governed by the Bylaws and Regulations of the professional organization with which the market analyst is affiliated.
- 13. The author of this report is not required to give testimony or attendance in legal or other proceedings relative to this report or to the Subject property unless satisfactory additional arrangements are made prior to the need for such services.
- 14. The opinions contained in this report are those of the author and no responsibility is accepted by the author for the results of actions taken by others based on information contained herein.
- 15. Opinions of value contained herein are estimates. There is no guarantee, written or implied, that the Subject property will sell or lease for the indicated amounts.
- 16. All applicable zoning and use regulations and restrictions are assumed to have been complied with, unless nonconformity has been stated, defined, and considered in the market study report.
- 17. It is assumed that all required licenses, permits, covenants or other legislative or administrative authority from any local, state, or national governmental or private entity or organization have been or can be obtained or renewed for any use on which the value estimate contained in this report is based.
- 18. On all studies, Subject to satisfactory completion, repairs, or alterations, the report and conclusions are contingent upon completion of the improvements in a workmanlike manner and in a reasonable period of time.
- 19. All general codes, ordinances, regulations or statutes affecting the property have been and will be enforced and the property is not Subject to flood plain or utility restrictions or moratoriums, except as reported to the market analyst and contained in this report.
- 20. The party for whom this report is prepared has reported to the market analyst there are no original existing condition or development plans that would Subject this property to the regulations of the Securities and Exchange Commission or similar agencies on the state or local level.
- 21. Unless stated otherwise, no percolation tests have been performed on this property. In making the market study, it has been assumed the property is capable of passing such tests so as to be developable to its highest and best use.
- 22. No in-depth inspection was made of existing plumbing (including well and septic), electrical, or heating systems. The market analyst does not warrant the condition or adequacy of such systems.
- 23. No in-depth inspection of existing insulation was made. It is specifically assumed no Urea Formaldehyde Foam Insulation (UFFI), or any other product banned or discouraged by the Consumer Product Safety Commission has been introduced into the property. The market analyst reserves the right to review and/or modify this market study if said insulation exists on the Subject property.
- 24. Estimates presented in this report are assignable to parties to the development's financial structure.

### ADDENDUM B

**Subject and Neighborhood Photographs** 



Housing Authority of Savannah under construction in the Subject's neighborhood

Liquor store south of Subject site



Vacant commercial building in the Subject's neighborhood



Commercial use in the Subject's neighborhood



Public housing in the Subject's neighborhood



Ongoing construction of Hitch Village (excluded)



Vacant land in the Subject's neighborhood



Vacant commercial use south of Subject site



Single family home in the Subject's nieghborhood



Single family home in the Subject's nieghborhood



Public housing the Subject's neighborhood



Commercial use in the Subject's neighborhood



Chatham County Department of Child and Family Services in the Subject's neighborhood



Commercial use in the Subject's neighborhood

ADDENDUM C Qualifications

## STATEMENT OF PROFESSIONAL QUALIFICATIONS H. BLAIR KINCER, MAI, CRE

#### I. Education

Duquesne University, Pittsburgh, Pennsylvania Masters in Business Administration Graduated Summa Cum Laude

West Virginia University, Morgantown, West Virginia Bachelor of Science in Business Administration Graduated Magna Cum Laude

#### II. Licensing and Professional Affiliation

Member of the Appraisal Institute (MAI)
Member, The Counselors of Real Estate (CRE)
LEED Green Associate
Member, National Council of Housing Market Analysts (NCHMA)
Past Member Frostburg Housing Authority

Certified General Real Estate Appraiser, No. RCG1046 – State of Connecticut Certified General Real Estate Appraiser, No. GA12288 – District of Columbia Certified General Real Estate Appraiser, No CG1694 – State of Maine Certified General Real Estate Appraiser, No. 1326 – State of Maryland Certified General Real Estate Appraiser, No. 103789 – State of Massachusetts Certified General Real Estate Appraiser, No. 46000039124 – State of New York Certified General Real Estate Appraiser, No. A6765 – State of North Carolina Certified General Real Estate Appraiser, No. GA001407L – Commonwealth of Pennsylvania Certified General Real Estate Appraiser, No. CGA.0020047 – State of Rhode Island Certified General Real Estate Appraiser, No. 5930 – State of South Carolina Certified General Real Estate Appraiser, No. 3918 – State of Tennessee Certified General Real Estate Appraiser, No. 4001004822 – Commonwealth of Virginia Certified General Real Estate Appraiser, No. 1081 – State of Wyoming

#### III. Professional Experience

Partner, Novogradac & Company LLP
Vice President, Capital Realty Advisors, Inc.
Vice President - Acquisitions, The Community Partners Development Group, LLC
Commercial Loan Officer/Work-Out Specialist, First Federal Savings Bank of Western MD
Manager - Real Estate Valuation Services, Ernst & Young LLP
Senior Associate, Joseph J. Blake and Associates, Inc.
Senior Appraiser, Chevy Chase, F.S.B.
Senior Consultant, Pannell Kerr Forster

#### IV. Professional Training

Have presented at and attended various IPED and Novogradac conferences regarding the affordable housing industry. Have done presentations on the appraisal and market analysis of Section 8 and 42 properties. Have spoken regarding general market analysis topics.

Obtained the MAI designation in 1998 and maintained continuing education requirements since. Completed additional professional development programs administered by the Appraisal Institute in the following topic areas:

- 1) Valuation of the Components of a Business Enterprise
- 2) Valuation of Sustainable Buildings

#### V. Real Estate Assignments – Examples

In general, have managed and conducted numerous market analyses and appraisals for all types of commercial real estate since 1988.

- Performed numerous appraisals for the US Army Corps of Engineers US Geological Survey and the GSA. Property types included Office, Hotel, Residential, Land, Gymnasium, warehouse space, border patrol office. Properties located in varied locations such as the Washington, DC area, Yuma, AZ, Moscow, ID, Blaine, WA, Lakewood, CO, Seattle, WA
- Performed appraisals of commercial properties such as hotels, retail strip centers, grocery stores, shopping centers etc for properties in various locations throughout Pennsylvania, New Jersey, Maryland, New York for Holiday, Fenoglio, Fowler, LP and Three Rivers Bank.
- Have managed and conducted numerous market and feasibility studies for affordable 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. An area of special concentration has been the category of Senior Independent living properties. Work has been national in scope.
- Provided appraisal and market studies for a large portfolio of properties located throughout the United States. The reports provided included a variety of property types including vacant land, office buildings, multifamily rental properties, gas stations, hotels, retail buildings, industrial and warehouse space, country clubs and golf courses, etc. The portfolio included more than 150 assets and the work was performed for the SBA through Metec Asset Management LLP.
- 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. The three traditional approaches to value are developed with special methodologies included to value tax credit equity, below market financing and Pilot agreements.

- Performed numerous appraisals in 17 states of proposed new construction and existing properties under the HUD Multifamily Accelerated Processing program. These appraisals meet the requirements outlined in HUD Handbook 4465.1 and Chapter 7 of the HUD MAP Guide.
- Performed numerous market study/appraisals assignments for USDA RD properties in several states in conjunction with acquisition rehabilitation redevelopments. Documents are used by states, FannieMae, USDA and the developer in the underwriting process. Market studies are compliant to State, FannieMae and USDA requirements. Appraisals are compliant to FannieMae and USDA HB-1-3560 Chapter 7 and Attachments.
- Completed numerous FannieMae appraisals of affordable and market rate multi-family properties for Fannie DUS Lenders. Currently have ongoing assignment relationships with several DUS Lenders.
- In accordance with HUD's Section 8 Renewal Policy and Chapter 9, Mr. Kincer 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.
- Completed Fair Market Value analyses for solar panel installations, wind turbine installations, and other renewable energy assets in connection with financing and structuring analyses performed by various clients. The clients include lenders, investors, and developers. The reports are used by clients and their advisors to evaluate certain tax consequences applicable to ownership. Additionally, the reports have been used in the ITC funding process and in connection with the application for the federal grant identified as Section 1603 American Recovery & Reinvestment Act of 2009.

## STATEMENT OF PROFESSIONAL QUALIFICATIONS ABBY M. COHEN

#### I. Education

The Pennsylvania State University, University Park, PA Bachelor of Arts

#### II. Licensing and Professional Affiliation

Certified General Appraiser, MD License #40032823 Certified General Appraiser, NC License #A8127 Certified General Appraiser, NJ License #42RG00255000 Certified General Appraiser, SC License #7487

Candidate for Designation in the Appraisal Institute
Designated Member of the National Council of Housing Market Analysts (NCHMA)
Member of Commercial Real Estate Women (CREW) Network

#### III. Professional Experience

Novogradac & Company LLP, Principal Novogradac & Company LLP, Manager Novogradac & Company LLP, Senior Real Estate Analyst

#### IV. Professional Training

7-Hour National USPAP Update, January 2017
Business Practices and Ethics, January 2017
General Appraiser Report Writing and Case Studies, February 2015
General Appraiser Sales Comparison Approach, February 2015
General Appraiser Site Valuation and Cost Approach, February 2015
Expert Witness for Commercial Appraisers, January 2015
Commercial Appraisal Review, January 2015
Real Estate Finance Statistics and Valuation Modeling, December 2014
General Appraiser Income Approach Part II, December 2014
General Appraiser Income Approach Part II, November 2014
General Appraiser Market Analysis and Highest & Best Use, November 2014
IRS Valuation Summit, October 2014
15-Hour National USPAP Equivalent, April 2013
Basic Appraisal Procedures, March 2013
Basic Appraisal Principles, January 2013

#### V. Publications

Co-authored "Post Rev. Proc. 2014-12 Trend Emerges: Developer Fee Reasonableness Opinions," Novogradac Journal of Tax Credits, March 2016

#### VI. Real Estate Assignments

A representative sample of Asset Management, Due Diligence, and Valuation Engagements includes:

- Performed a variety of asset management services for a lender including monitoring and reporting property performance on a monthly basis. Data points monitored include economic vacancy, levels of concessions, income and expense levels, NOI and status of capital projects. Data used to determine these effects on the project's ability to meet its incomedependent obligations.
- Performed asset management services for lenders and syndicators on underperforming
  assets to identify significant issues facing the property and recommend solutions. Scope of
  work included analysis of deferred maintenance and property condition, security issues,
  signage, marketing strategy, condition of units upon turnover and staffing plan. Performed a
  physical inspection of the assets, to include interior and exterior of property and assessed
  how the property compares to competition. Analyzed operating expense results.
- Prepared market studies for proposed Low-Income Housing Tax Credit, market rate, HOME financed, USDA Rural Development, and HUD subsidized properties, on a national basis. Analysis includes property screenings, market analysis, comparable rent surveys, demand analysis based on the number of income qualified renters in each market, supply analysis, and operating expenses analysis. Property types include proposed multifamily, senior independent living, large family, and acquisition with rehabilitation. Completed market studies in all states.
- Assisted in appraisals of proposed new construction, rehabilitation, and existing Low-Income
  Housing Tax Credit properties, USDA Rural Development, and market rate multifamily
  developments. Analysis includes property screenings, valuation analysis, rent comparability
  studies, expense comparability analysis, determination of market rents, and general market
  analysis.
- Assisted in appraisal work for retail and commercial properties in various parts of the country for various lenders. The client utilized the study for underwriting purposes.
- Conducted market studies and appraisals for projects under the HUD Multifamily Accelerated Processing program.
- Prepared Rent Comparability Studies for expiring Section 8 contracts for subsidized properties located throughout the United States. Engagements included site visits to the subject property, interviewing and inspecting potentially comparable properties, and the analyses of collected data including adjustments to comparable data to determine appropriate adjusted market rents using HUD form 92273.
- Performed all aspects of data collection and data mining for web-based rent reasonableness systems for use by local housing authorities.
- Completed numerous reasonableness opinions related to Revenue Procedure 2014-12.
   Transactions analyzed include projects involving the use of Historic Tax Credits, New Markets
   Tax Credits and Investment Tax Credits. Fees and arrangements tested for reasonableness
   include developer fees, construction management fees, property management fees, asset
   management fees, various leasing-related payments and overall master lease terms.

### STATEMENT OF PROFESSIONAL QUALIFICATIONS BRIAN NEUKAM

#### **EDUCATION**

Georgia Institute of Technology, Bachelor of Industrial Engineering, 1995

State of Georgia Certified General Real Property Appraiser No. 329471

#### PROFESSIONAL TRAINING

National USPAP and USPAP Updates General Appraiser Market Analysis and Highest & Best Use General Appraiser Sales Comparison Approach General Appraiser Site Valuation and Cost Approach General Appraiser Income Capitalization Approach I and II General Appraiser Report Writing and Case Studies

#### **EXPERIENCE**

Novogradac & Company LLP, Manager, September 2015- Present
J Lawson & Associates, Associate Appraiser, October 2013- September 2015

Carr, Lawson, Cantrell, & Associates, Associate Appraiser, July 2007-October 2013

#### **REAL ESTATE ASSIGNMENTS**

A representative sample of due diligence, consulting or valuation assignments includes:

- Prepare market studies and appraisals throughout the U.S. for proposed and existing family and senior Low-Income Housing Tax Credit (LIHTC), market rate, HOME financed, USDA Rural Development, and HUD subsidized properties. Appraisal assignments involve determining the as is, as if complete, and as if complete and stabilized values.
- Conduct physical inspections of subject properties and comparables to determine condition and evaluate independent physical condition assessments.
- Performed valuations of a variety of commercial properties throughout the Southeast which included hotels, gas stations and convenience stores, churches, funeral homes, full service and fast-food restaurants, stand-alone retail, strip shopping centers, distribution warehouse and manufacturing facilities, cold storage facilities, residential and commercial zoned land, and residential subdivision lots. Intended uses included first mortgage, refinance, foreclosure/repossession (REO), and divorce.
- Employed discounted cash flow analysis (utilizing Argus or Excel) to value income producing properties and prepare or analyze cash flow forecasts.
- Reviewed and analyzed real estate leases, including identifying critical lease data such as commencement/expiration dates, various lease option types, rent and other income, repair and maintenance obligations, Common Area Maintenance (CAM), taxes, insurance, and other important lease clauses.

### STATEMENT OF PROFESSIONAL QUALIFICATIONS DANIEL W. MABRY

#### I. Education

Marist College – Poughkeepsie, NY Bachelor of Arts, Economics Bachelor of Science, Business Administration

#### II. Professional Experience

Novogradac & Company LLP – July 2013 - Present Real Estate Analyst

#### III. Real Estate Assignments

A representative sample of work on various types of projects:

- Prepared market studies for proposed new construction and existing Low Income Housing Tax Credit, Section 8, and market rate developments for use by real estate developers, governmental entities, and financial institutions. Property types included special needs and age restricted developments. Studies included property screenings, market and demographic analysis, comparable rent surveys, and supply and demand analysis.
- Assisted in appraisals of proposed new construction, rehabilitation, and existing Low-Income Housing Tax Credit properties, and market rate multifamily developments. Analysis includes property screenings, expense comparability analysis, demographic and economic analysis.
- Performed all aspects of data collection and data mining for use in market studies, feasibility studies, and appraisals.

## STATEMENT OF PROFESSIONAL QUALIFICATIONS Meg Southern

#### I. Education

University of South Carolina – Columbia, SC Master of Arts, Public History

College of William and Mary – Williamsburg, VA Bachelor of Arts, Anthropology and History

#### II. Professional Experience

Junior Analyst, Novogradac & Company LLP, September 2016 – Present Contract Researcher, Historic Columbia, May 2014 - September 2016

#### III. Research Assignments

A representative sample of work on various types of projects:

- Assist in performing and writing market studies and appraisals of proposed and existing Low-Income Housing Tax credit (LIHTC) properties
- Research web-based rent reasonableness systems and contact local housing authorities for utility allowance schedules, payment standards, and housing choice voucher information
- Assisted numerous market and feasibility studies for family and senior affordable housing. Local
  housing authorities, developers, syndicators and lenders have used these studies to assist in the
  financial underwriting and design of market-rate and Low-Income Housing Tax Credit (LIHTC) properties.
  Analysis typically includes: unit mix determination, demand projections, rental rate analysis, competitive
  property surveying and overall market analysis.

### STATEMENT OF PROFESSIONAL QUALIFICATIONS NANCY CHAVEZ RUIZ

#### I. Education

Tulane University – New Orleans, LA Bachelor of Science in Management, Finance

#### II. Professional Experience

Novogradac & Company LLP – September 2016 - Present Junior Analyst

#### III. Research Assignments

A representative sample of work on various types of projects:

- Assist in performing and writing markets studies of proposed and existing Low-Income Housing Tax Credit (LIHTC) properties.
- Research web-based rent reasonableness systems and contact local housing authorities for utility allowance schedules, payment standards, and Housing Choice Voucher information.

ADDENDUM D Summary Matrix

#### SUMMARY MATRIX

	SUMMART MAINA													
Comp #	Project	Distance	Type / Built / Renovated	Market / Subsidy	Units	#	%	Restriction	Rent (Adj.)	Size (SF)	Max Rent?	Wait List?	Units Vacant	Vacancy Rate
Subject	Live Oak Landing	n/a	Various (age-restricted)	LIHTC	1BR / 1BA (Lowrise)	6	8.6%	@50%	\$435	690	no		N/A	N/A
	1210 Wheaton Street	, -	Proposed		1BR / 1BA (Lowrise)	5	7.1%	@60%	\$525	690	no		N/A	N/A
	Savannah, GA 31404				1BR / 1BA (Lowrise)	1	1.4%	Market	\$615	690	no		N/A	N/A
	Chatham County				1BR / 1BA (One-story)	6 5	8.6% 7.1%	@50% @60%	\$435 \$525	750 750	no no		N/A N/A	N/A
					1BR / 1BA (One-story) 1BR / 1BA (One-story)	1	1.4%	Market	\$615	750	no		N/A N/A	N/A N/A
					2BR / 1BA (Lowrise)	20	28.6%	@50%	\$530	880	no		N/A	N/A
					2BR / 1BA (Lowrise)	21	30.0%	@60%	\$640	880	no		N/A	N/A
					2BR / 1BA (Lowrise)	5	7.1%	Market	\$735	880	no		N/A	N/A
		10 = 11				70	100.0%	0500((110145)	0.450	000			N/A	N/A
1	Pinewood Village	10.7 miles		LIHTC,	1BR / 1BA	7 25	10.9% 39.1%	@50% (HOME) @60% (HOME)	\$450 \$460	822 822	no no	Yes Yes	0	0.0%
	755 S Rogers Street Pooler, GA 31322		2014	HOME,	1BR / 1BA 2BR / 1BA	6	9.4%	@50% (HOME)	\$520	1,028	no	Yes	0	0.0%
	Chatham County			Non-	2BR / 1BA	25	39.1%	@60% (HOME)	\$575	1,028	no	Yes	ő	0.0%
				Rental	2BR / 1BA	1	1.6%	Non-Rental	N/A	1,028	n/a	N/A	0	0.0%
						64	100.0%						0	0.0%
2	Sheppard Station Apartments	11.7 miles	Lowrise (age-restricted)	LIHTC,	1BR / 1BA	15	21.7%	@50%	\$483	815	no	Yes	0	0.0%
	215 Brighton Woods Drive		(3 stories)	Market	1BR / 1BA	14 1	20.3% 1.4%	@50% (HOME) @60%	\$483 \$529	815 815	no	Yes Yes	0	0.0%
	Pooler, GA 31322 Chatham County		2009		1BR / 1BA 1BR / 1BA	7	10.1%	Market	\$529	815	no n/a	Yes	0	0.0%
	Chatham County				2BR / 1BA	10	14.5%	@50%	\$523	1,000	no	Yes	ő	0.0%
					2BR / 1BA	14	20.3%	@50% (HOME)	\$523	1,000	no	Yes	Ö	0.0%
					2BR / 1BA	2	2.9%	@60%	\$597	1,000	no	Yes	0	0.0%
					2BR / 1BA	6	8.7%	Market	\$597	1,000	n/a	Yes	0	0.0%
						69	100.0%	0500/	0.440	500			0	0.0%
3	Sisters Court Apartments	1.3 miles	Conversion (age-restricted)	LIHTC,	1BR / 1BA	28 8	35.9% 10.3%	@50% @60%	\$449 \$167	500 500	yes	No No	4 5	14.3% 62.5%
	222 E 37th Street Savannah, GA 31401		(3 stories) 1900s/1999/2017	Non-	1BR / 1BA 1BR / 1BA	37	47.4%	@60%	\$568	500	yes yes	No	18	48.6%
	Chatham County		19005/1999/2017	Rental	2BR / 1BA	2	2.6%	@50%	\$547	650	yes	No	0	0.0%
	Chacham County				2BR / 1BA	2	2.6%	@60%	\$690	750	yes	No	1	50.0%
					2BR / 1BA	1	1.3%	Non-Rental	N/A	650	n/a		0	0.0%
						78	100.0%						28	35.9%
4	Sustainable Fellwood III	2.8 miles	Midrise (age-restricted)	LIHTC,	1BR / 1BA	41	41.0%	@60%	\$556	732	yes	Yes	0	0.0%
	40 Eagle Street		(4 stories)	PBRA,	1BR / 1BA	37	37.0%	@60% (PBRA)	N/A	732	n/a	Yes	0	0.0%
	Savannah, GA 31415		2012	Market	1BR / 1BA	7 5	7.0% 5.0%	Market @60%	\$698 \$684	732 951	n/a	No Yes	1 0	14.3% 0.0%
	Chatham County				2BR / 2BA 2BR / 2BA	7	7.0%	@60% (PBRA)	N/A	951	yes n/a	Yes	2	28.6%
					2BR / 2BA	3	3.0%	Market	\$789	951	n/a	No	1	33.3%
					2511, 2511	100	100.0%		' ' '		'		4	4.0%
5	Chelsea At Five Points	0.8 miles	Garden	Market	1BR / 1BA	24	17.6%	Market	\$650	700	n/a	No	1	4.2%
	1910 Skidaway Road		(2 stories)		2BR / 1BA	112	82.4%	Market	\$750	850	n/a	No	0	0.0%
	Savannah, GA 31404		1947 / 1983		2BR / 1BA	N/A	N/A	Market	\$775	850	n/a	No	0	N/A
	Chatham County				2BR / 1BA	N/A 136	N/A 100.0%	Market	\$725	850	n/a	No	1	N/A 0.7%
6	Drayton Tower	1.3 miles	Highrise	Market	Studio / 1BA	N/A	N/A	Market	\$1,524	406	n/a	Yes	0	N/A
"	102 E Liberty Street	1.5 1111163	1951/2006/2012	Wanter	1BR / 1BA	N/A	N/A	Market	\$1,846	671	n/a	Yes	ő	N/A
	Savannah, GA 31401				2BR / 1BA	N/A	N/A	Market	\$2,317	834	n/a	Yes	1	N/A
	Chatham County				2BR / 2BA	N/A	N/A	Market	\$2,527	1,006	n/a	Yes	1	N/A
						99	100.0%						2	2.0%
7	The Fountains At Chatham Parkway	5.4 miles	Garden	Market	Studio / 1BA	44	12.5%	Market	\$865	575	n/a	No	3 5	6.8%
	1699 Chatham Parkway Savannah, GA 31405		(2 stories) 2007-2008		1BR / 1BA 1BR / 1BA	132 N/A	37.5% N/A	Market Market	\$1,010 \$1,030	815 888	n/a n/a	No No	N/A	3.8% N/A
	Chatham County		2007-2008		1BR / 1BA	N/A	N/A	Market	\$990	741	n/a	No	N/A	N/A
	Chatham County				2BR / 2BA	110	31.2%	Market	\$1,145	1,055	n/a	No	2	1.8%
					2BR / 2BA	N/A	N/A	Market	\$1,200	1,090	n/a	No	N/A	N/A
					2BR / 2BA	N/A	N/A	Market	\$1,090	957	n/a	No	N/A	N/A
					3BR / 2BA	66	18.8%	Market	\$1,378	1,401	n/a	No	5	7.6%
					3BR / 2BA	N/A N/A	N/A N/A	Market Market	\$1,445 \$1,310	1,441 1,361	n/a n/a	No No	N/A N/A	N/A N/A
					3BR / 2BA	352	100.0%	Warket	\$1,510	1,361	li/a	INO	12	3.4%
8	Veranda At Midtown	0.6 miles	Midrise (age-restricted)	Market,	1BR / 1BA	2	2.0%	Market	\$668	659	n/a	Yes	0	0.0%
	1414 East Anderson Street		(4 stories)	PBRA	1BR / 1BA	6	6.0%	Market	\$668	664	n/a	Yes	1	16.7%
	Savannah, GA 31404		2005	. 5.00	1BR / 1BA	3	3.0%	Market	\$668	736	n/a	Yes	0	0.0%
	Chatham County				1BR / 1BA	2	2.0%	PBRA	N/A	654	n/a	Yes	0	0.0%
					1BR / 1BA	7	7.0%	PBRA	N/A	659	n/a	Yes	0	0.0%
					1BR / 1BA	27	27.0%	PBRA	N/A	664	n/a	Yes	1	3.7%
					1BR / 1BA 1BR / 1BA	12 5	12.0% 5.0%	PBRA PBRA	N/A N/A	673 696	n/a n/a	Yes Yes	0	0.0%
					1BR / 1BA 1BR / 1BA	20	20.0%	PBRA	N/A N/A	736	n/a	Yes	0	0.0%
					2BR / 1BA	16	16.0%	PBRA	N/A	918	n/a	Yes	ő	0.0%
						100	100.0%						2	2.0%
9	Walden At Chatham Center	4.8 miles	Garden	Market	1BR / 1BA	92	39.0%	Market	\$1,084	828	n/a	No	1	1.1%
	100 Walden Lane		(3 stories)		1BR / 1BA	N/A	N/A	Market	\$1,128		n/a	No	N/A	N/A
	Savannah, GA 31405		2003		1BR / 1BA	N/A	N/A	Market	\$1,039	642	n/a	No	N/A	N/A
	Chatham County				2BR / 2BA	120	50.8%	Market	\$1,197		n/a	No	1	0.8%
					2BR / 2BA 2BR / 2BA	N/A N/A	N/A N/A	Market Market	\$1,256 \$1,138		n/a n/a	No No	N/A N/A	N/A N/A
					3BR / 2BA	24	10.2%	Market	\$1,136		n/a	No	2	8.3%
					3BR / 2BA	N/A	N/A	Market	\$1,661		n/a	No	N/A	N/A
					3BR / 2BA	N/A	N/A	Market	\$1,587		n/a	No	N/A	N/A
						236	100.0%						4	1.7%