Market Feasibility Analysis

Yorkshire at the Providence Georgetown Highway & Chapman Drive Johnsonville, Florence County, South Carolina 29555

Prepared For

Mr. Randy Aldridge Quad-State Development, Inc. 841 Sweetwater Avenue Florence, Alabama 35630

Effective Date

February 10, 2017

Job Reference Number

16-576 JW



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2017 EXHIBIT S - 2 SCSHFDA PRIMARY MARKET AREA ANALYSIS SUMMARY:

Development Name: Yorkshire at the Providence Total # Units: 37

Location: Georgetown Hwy & Chapman Dr., Johnsonville, SC 29555 # LIHTC Units: 37

U.S. Highway 378 to the north; the Florence County boundary, the Great Pee Dee River, County Road S-22-5 and County Line Road to the east; Thompson Road, Garden Road, County Road S-45-160, State Route 261, the Stuckey town limits, Old Georgetown Road and the Florence County boundary to the south;

PMA Boundary: and the Florence County Boundary to the west.

Development Type: __X_Family ___Older Persons Farthest Boundary Distance to Subject: 23.0 miles

RENTAL HOUSING STOCK (found on page H-1 & 11)								
Туре	# Properties	Total Units	Vacant Units	Average Occupancy				
All Rental Housing	11	397	0	100.0%				
Market-Rate Housing	1	24	0	100.0%				
Assisted/Subsidized Housing not to include LIHTC	3	110	0	100.0%				
LIHTC (All that are stabilized)*	7	263	0	100.0%				
Stabilized Comps**	2	104	0	100.0%				
Non-stabilized Comps	0	-	-	-				

^{*}Stabilized occupancy of at least 93% (Excludes projects still in initial lease up).

^{**}Comps are those comparable to the subject and those that compete at nearly the same rent levels and tenant profile, such as age, family and income.

Subject Development			Adjusted Market Rent			Highest Unadjusted Comp Rent			
# Units	# Bedrooms	Baths	Size (SF)	Proposed Tenant Rent	Per Unit	Per SF	Advantage	Per Unit	Per SF
3	Two	2.0	1,000	\$395	\$665	\$0.67	40.60%	\$1,125	\$1.00
10	Two	2.0	1,000	\$430	\$665	\$0.67	35.34%	\$1,125	\$1.00
5	Three	2.0	1,250	\$460	\$750	\$0.60	38.67%	\$1,395	\$1.09
19	Three	2.0	1,250	\$490	\$750	\$0.60	34.67%	\$1,395	\$1.09
Gr	Gross Potential Rent Monthly*		\$17,095	\$26,645		35.84%			

^{*}Market Advantage is calculated using the following formula: (Gross Adjusted Market Rent (minus) Gross Proposed Tenant Rent) (divided by) Gross Adjusted Market Rent. The calculation should be expressed as a percentage and rounded to two decimal points. The Rent Calculation Excel Worksheet must be provided with the Exhibit S-2 form.

DEMOGRAPHIC DATA (found on page F-3 & G-5)								
	2000	20	16	2019				
Renter Households		2,877	33.7%	2,900	33.7%			
Income-Qualified Renter HHs (LIHTC)		814	28.3%	812	28.0%			
Income-Qualified Renter HHs (MR)		N/A	N/A	N/A	N/A			

TARGETED INCOME-QUALIFIED RENTER HOUSEHOLD DEMAND (found on page G-5)									
Type of Demand	50%	60%	Market- rate	Other:	Other:	Overall			
Renter Household Growth	-12	1				-2			
Existing Households (Overburd + Substand)	143	172				214			
Homeowner conversion (Seniors)	0	0				0			
Other:	0	0				0			
Less Comparable/Competitive Supply	0	0				0			
Net Income-qualified Renter HHs	131	173				212			

CAPTURE RATES (found on page G-5)									
Targeted Population	50%	60%	Market- rate	Other:	Other:	Overall			
Capture Rate	6.1%	16.8%				17.5%			
A	ABSORPTION RATE (found on page G-8)								

Absorption Period: 4 months

2017 S-2 RENT CALCULATION WORKSHEET

		Proposed	Gross	Adjusted	Gross	Tax Credit
	Bedroom	Tenant	Proposed	Market	Adjusted	Gross Rent
# Units	Type	Paid Rent	Tenant Rent	Rent	Market Rent	Advantage
	0 BR		\$0		\$0	
	0 BR		\$0		\$0	
	0 BR		\$0		\$0	
	1 BR		\$0		\$0	
	1 BR		\$0		\$0	
	1 BR		\$0		\$0	
	2 BR		\$0		\$0	
3	2 BR	\$395	\$1,185	\$665	\$1,995	
10	2 BR	\$430	\$4,300	\$665	\$6,650	
	3 BR		\$0		\$0	
5	3 BR	\$460	\$2,300	\$750	\$3,750	
19	3 BR	\$490	\$9,310	\$750	\$14,250	
	4 BR		\$0		\$0	
	4 BR		\$0		\$0	
	4 BR		\$0		\$0	
Totals	37		\$17,095		\$26,645	35.84%

B. Project Description

The subject project involves the new construction of the 37-unit Yorkshire at the Providence rental community near the intersection of Georgetown Highway and Chapman Drive in Johnsonville, South Carolina. The project will offer 13 two- and 24 three-bedroom, garden-style units in four (4) two-story, walk-up residential buildings and a free-standing, 1,509 square-foot community building. Yorkshire at the Providence will be developed utilizing funding from the Low-Income Housing Tax Credit (LIHTC) program and target lower-income family households earning up to 50% and 60% of Area Median Household Income (AMHI). Monthly collected Tax Credit rents will range from \$395 to \$490, depending on unit size and targeted income level. None of the units within the subject development will receive project-based rental assistance. The proposed project is expected to be complete by November 2018. Additional details of the subject project are as follows:

A. PROPERTY LOCATION: Georgetown Highway & Chapman

Drive

Johnsonville, South Carolina 29555

(Florence County)

B. CONSTRUCTION TYPE: New Construction

C. OCCUPANCY TYPE: General-Occupancy

D. TARGET INCOME GROUP: 50% and 60% AMHI

E. SPECIAL NEEDS POPULATION: None

F. AND H. TO J. UNIT CONFIGURATION AND RENTS:

							Proposed Rents		Max. Allowable
Total Units	Bedroom Type	Baths	Style	Square Feet	% AMHI	Collected Rent	Utility Allowance	Gross Rent	LIHTC Gross Rent
3	Two-Br.	2.0	Garden	1,000	50%	\$395	\$164	\$559	\$600
10	Two-Br.	2.0	Garden	1,000	60%	\$430	\$164	\$594	\$720
5	Three-Br.	2.0	Garden	1,250	50%	\$460	\$213	\$673	\$693
19	Three-Br.	2.0	Garden	1,250	60%	\$490	\$213	\$703	\$831
27	Total								

Source: Quad-State Development, Inc.

AMHI – Area Median Household Income (Florence, SC HUD Metro FMR Area; 2016)

G. NUMBER OF STORIES/BUILDINGS: Four (4) two-story, walk-up

residential structures containing 37 garden-style units and one non-

residential building.



K. PROJECT-BASED RENTAL ASSISTANCE (EXISTING OR PROPOSED):

None

L. COMMUNITY AMENITIES:

The subject property will include the following community features:

- On-Site Management
- Laundry Facility
- Club House/Community Room
- Fitness Center

- Picnic Area
- Playground
- Computer Center

M. UNIT AMENITIES:

Each unit will include the following amenities:

- Electric Range
- Refrigerator
- Dishwasher
- Microwave Oven
- Central Air Conditioning
- In-Unit Washer/Dryer Hookups
- Carpet
- Window Blinds
- Patio/Balcony
- Ceiling Fan
- Exterior Storage Closet

N. PARKING:

The subject site will include 83 unassigned surface lot parking spaces at no additional cost to the resident.

O. RENOVATIONS AND CURRENT OCCUPANCY:

Not Applicable; New Construction

P. UTILITY RESPONSIBILITY:

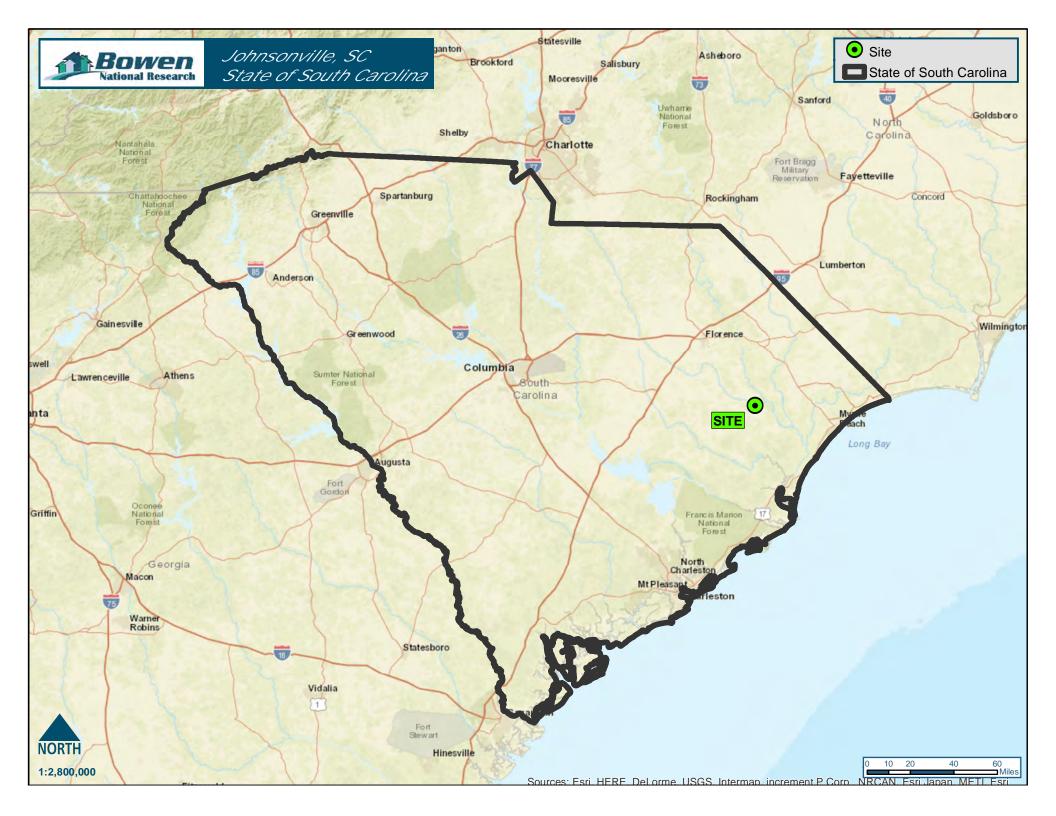
The cost of trash collection will be included in the rent, while tenants will be responsible for all other utilities and services, including the following:

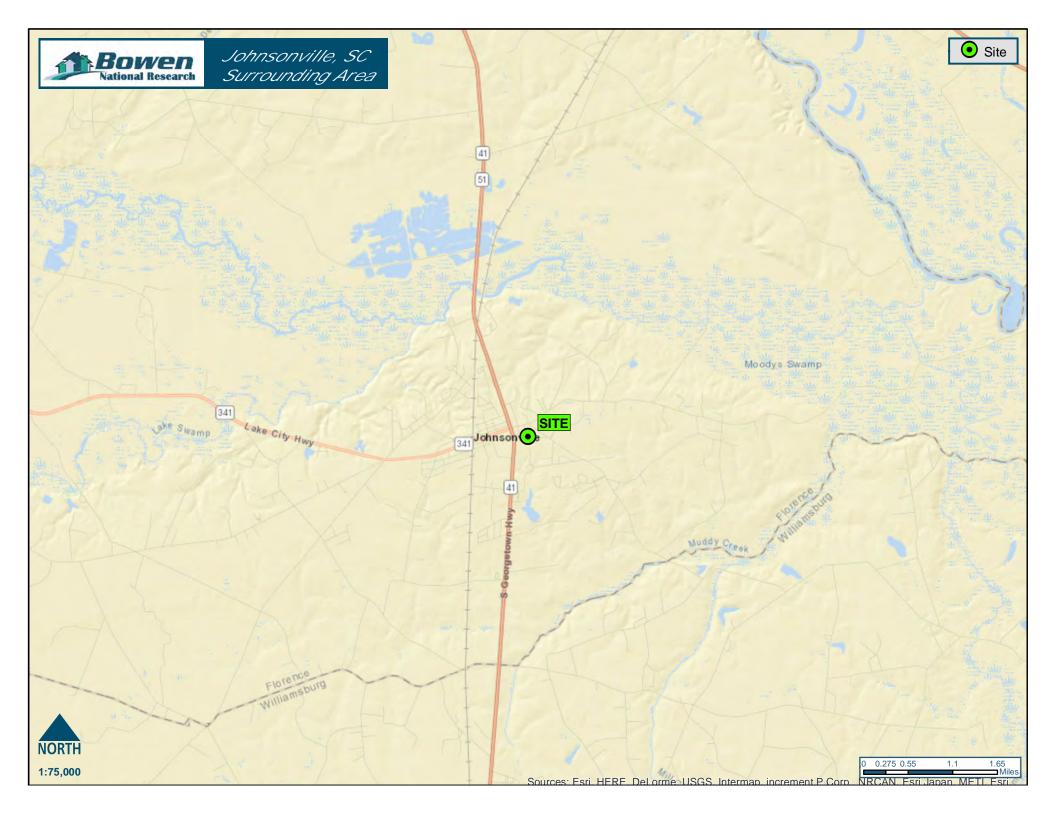
- Electric Cooking
- Electric Water Heat
- Cold Water

- Electric Heat
- General Electricity
- Sewer

A state map and an area map are on the following pages.







C. Site Description and Evaluation

1. SITE INSPECTION DATE

Bowen National Research personally inspected the subject site during the week of January 16, 2017. The following is a summary of our site evaluation, including an analysis of the site's proximity to community services.

2. SITE DESCRIPTION AND SURROUNDING LAND USES

The subject site, Yorkshire at the Providence, consists of undeveloped land located east of the intersection of Georgetown Highway (State Route 41/51) and Chapman Drive in Johnsonville, South Carolina. Located within Florence County, Johnsonville is approximately 36.0 miles southeast of Florence, South Carolina and approximately 45.0 miles northwest of Myrtle Beach, South Carolina. Following is a description of surrounding land uses:

North -	The northern boundary of the site is defined by scattered one- and						
	two-story single-family homes in good condition and heavily						
	wooded land. These land uses extend farther north, along with the						
	Prosser Field Youth Complex.						
East -	The eastern boundary of the site is defined by South Persimmon						
	Ford Road, a lightly travelled two-lane roadway. Heavily wooded						
	land extends farther east for a considerable distance.						
South -	The southern boundary of the site is defined vacant land. Pee Wee's						
	Supply and Hardware, as well as a local bait shop, both in						
	satisfactory condition, define the southwest boundary of the site.						
	Continuing south are undeveloped land, Johnsonville Public						
	Library, and Johnsonville High School, with all aforementioned						
	structures in good condition.						
West -	The western boundary of the site is defined by Georgetown						
	Highway (State Route 41/51), a four-lane arterial with light						
	vehicular traffic. Extending west is Citizens Bank, which was						
	observed to be in good condition, followed by residential						
	neighborhoods consisting of one- and two-story single-family						
	homes in good condition.						

The site is located within a mixed-use area consisting of residential and commercial structures, as well as heavily wooded land. The surrounding land uses are generally in good condition and are conducive to multifamily housing. Overall, the site fits in well with its surrounding land uses, which should have a positive impact on its marketability.



3. PROXIMITY TO COMMUNITY SERVICES AND INFRASTRUCTURE

The site is served by the community services detailed in the following table:

Community Services	Name	Driving Distance From Site (Miles)
Major Highways	State Route 41/51	0.1 West
	State Route 341	0.2 West
Public Bus Stop	N/A	N/A
Major Employers/Employment Centers	Florence District 5 Schools	0.3 Southwest
	Wellman Plastics Recycling	1.3 North
Convenience Store	Kangaroo Express	0.1 Northwest
	Cliff's Food Stores	1.1 Southwest
Grocery	KJ's Market	0.3 South
_	Piggly Wiggly	0.5 South
Discount Department Store	Fred's Store	0.7 South
	Dollar General	0.8 West
Schools:		
Elementary	Johnsonville Elementary School	0.3 West
Middle/Junior High	Johnsonville Middle School	0.8 Southwest
High	Johnsonville High School	0.3 Southwest
Hospital	Lake City Community Hospital	21.2 Northwest
Medical Center	McLeod Family Medicine	0.5 Southwest
	Pee Dee Family Practice	1.3 South
Police	Johnsonville Police Department	0.4 West
Fire	Johnsonville Fire Department	0.4 West
Post Office	U.S. Post Office	0.6 South
Bank	Citizens Bank	0.1 Southwest
	Anderson Brothers Bank	0.2 Northwest
Gas Station	Kangaroo Express	0.1 Northwest
	Lentz Service Station	0.5 Northwest
Pharmacy	Wall Drugs of Johnsonville	0.6 South
Restaurant	Little Caesars	0.1 Northwest
	Tijuana's Grill	0.4 West
	Chic Restaurant	0.5 Northwest
Day Care	Weaver Daycare	0.9 North
Park	Prosser Field Youth Complex	0.4 North
	Johnsonville City Park	1.1 Southwest
Library	Johnsonville Public Library	0.2 South
Church	Johnsonville First Baptist	0.3 Northwest
	Crossover Church	0.6 West
	Pentecostal Holiness Church	0.6 North

The proposed site is located within close proximity to many local community services, many of which are within 1.0 mile. These include grocery stores, banks, restaurants, discount shopping, gas stations/convenience stores and a pharmacy.

Public safety services are provided by the Johnsonville Police and Fire departments, both located within 0.4 miles of the site. In addition, all attending public schools are located within 0.8 miles of the site.



The nearest full services hospital is the Lake City Community Hospital, which offers acute care as well as emergency services. Although there is no full-service hospital located within Johnsonville, there are various family practices and clinics located within 1.5 miles of the proposed site including McLeod Family Medicine and Pee Dee Family Practice.

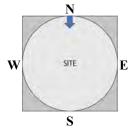
Overall, the scope and proximity of basic shopping needs available within the Johnsonville area will benefit the marketability of the subject development.

4. SITE PHOTOGRAPHS

Photographs of the subject site and surrounding land uses are on the following pages.

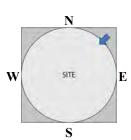


SITE PHOTOGRAPHS





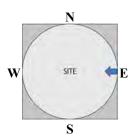
View of site from the north





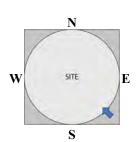
View of site from the northeast







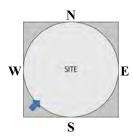
View of site from the east





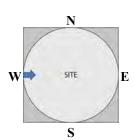
View of site from the southeast







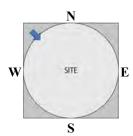
View of site from the southwest





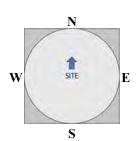
View of site from the west







View of site from the northwest





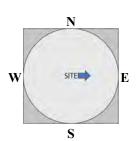
North view from site







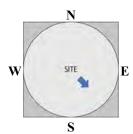
Northeast view from site





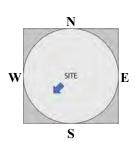
East view from site







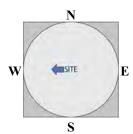
Southeast view from site





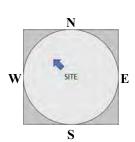
Southwest view from site







West view from site





Northwest view from site





Streetscape: North view of Georgetown Highway (State Route 41/51)



Streetscape: South view of Georgetown Highway (State Route 41/51)



Streetscape: West view of Chapman Drive



Streetscape: East view of Chapman Drive





Streetscape: Northwest view of South Persimmon Ford Road



Streetscape: Southeast view of South Persimmon Ford Road





Streetscape: South view of Williamsburg Avenue



Streetscape: North view of Williamsburg Avenue





Structures southwest of site



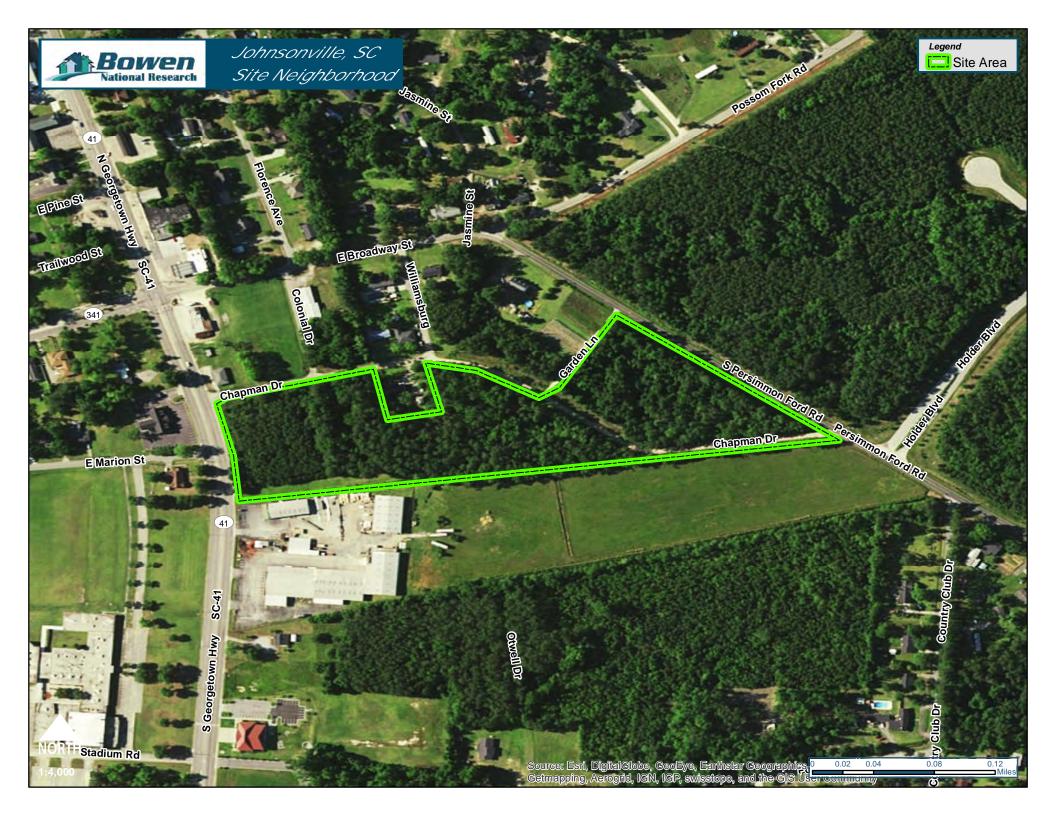
Typical single-family home north of site

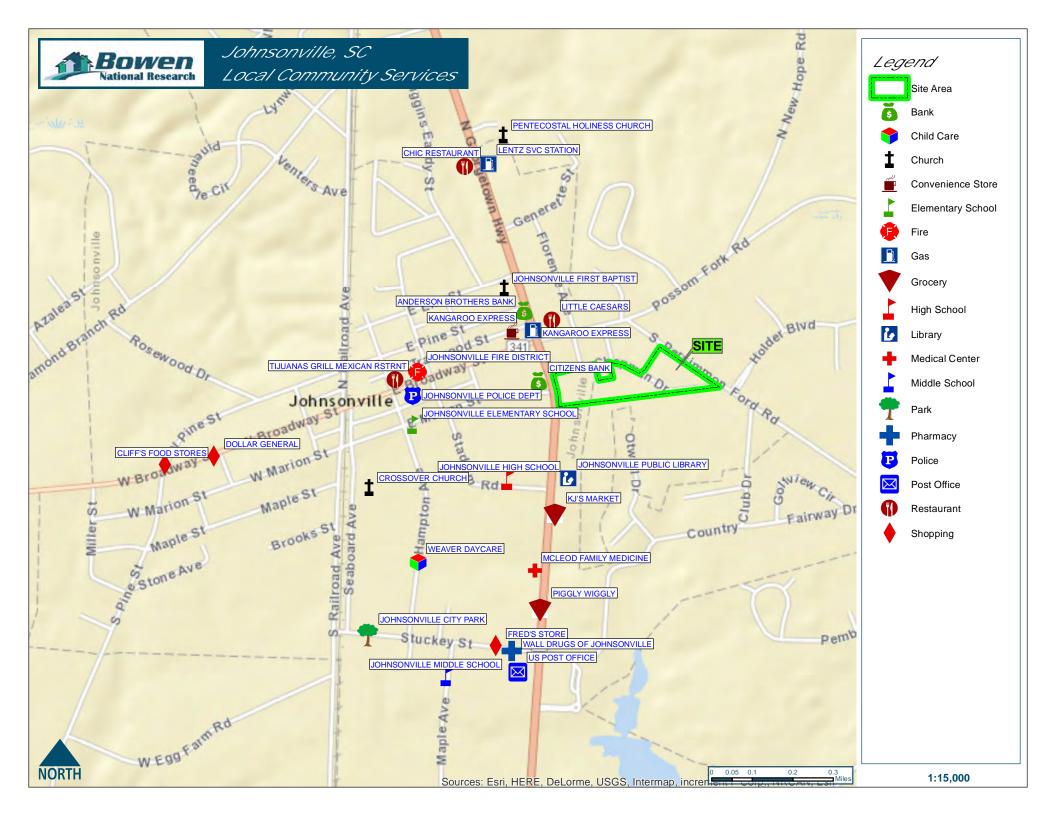


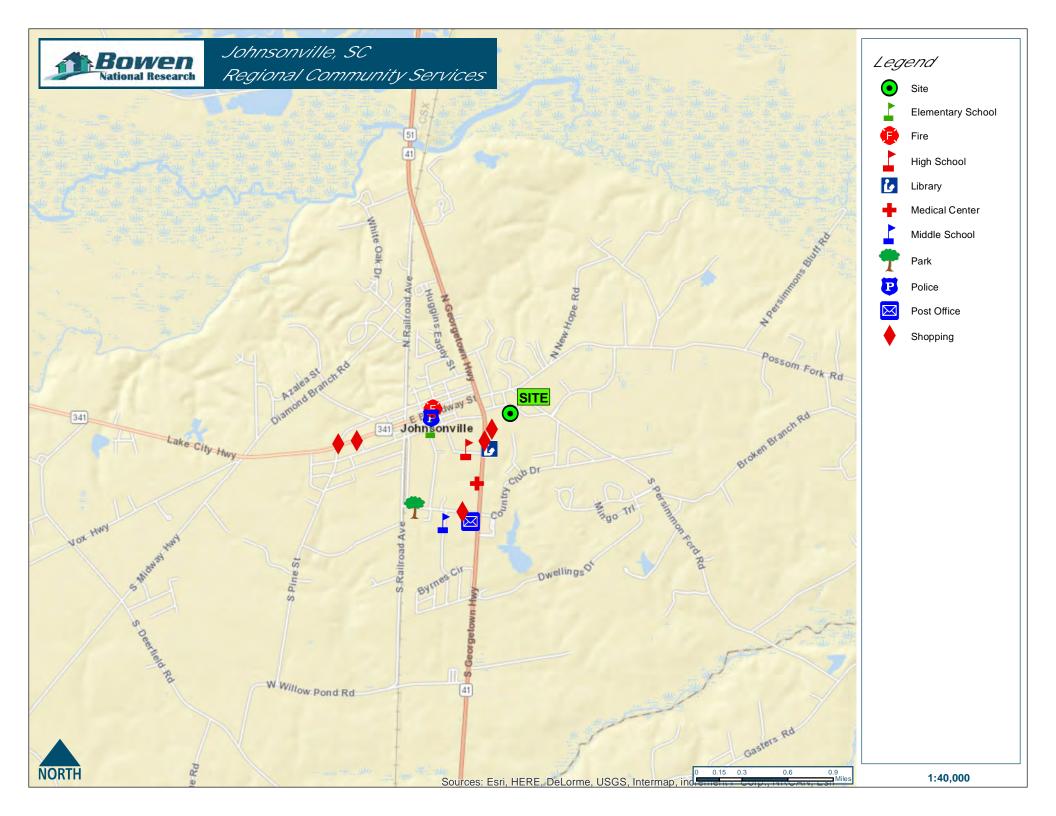
5. SITE AND COMMUNITY SERVICES MAPS

Maps of the subject site and relevant community services follow.









6. CRIME ISSUES

The primary source for Crime Risk data is the FBI Uniform Crime Report (UCR). The FBI collects data from each of roughly 16,000 separate law enforcement jurisdictions across the country and compiles this data into the UCR. The most recent update showed an overall coverage rate of 95% of all jurisdictions nationwide with a coverage rate of 97% of all jurisdictions in metropolitan areas.

Applied Geographic Solutions uses the UCR at the jurisdictional level to model each of the seven crime types at other levels of geography. Risk indexes are standardized based on the national average. A Risk Index value of 100 for a particular risk indicates that, for the area, the relative probability of the risk is consistent with the average probability of that risk across the United States.

It should be noted that aggregate indexes for total crime, personal crime and property crime are not weighted, and murder is no more significant statistically in these indexes than petty theft. Thus, caution should be exercised when using them.

Total crime risk (125) for the Site PMA is above the national average with an overall personal crime index of 174 and a property crime index of 105. Total crime risk (131) for Florence County is above the national average with indexes for personal and property crime of 172 and 120, respectively.

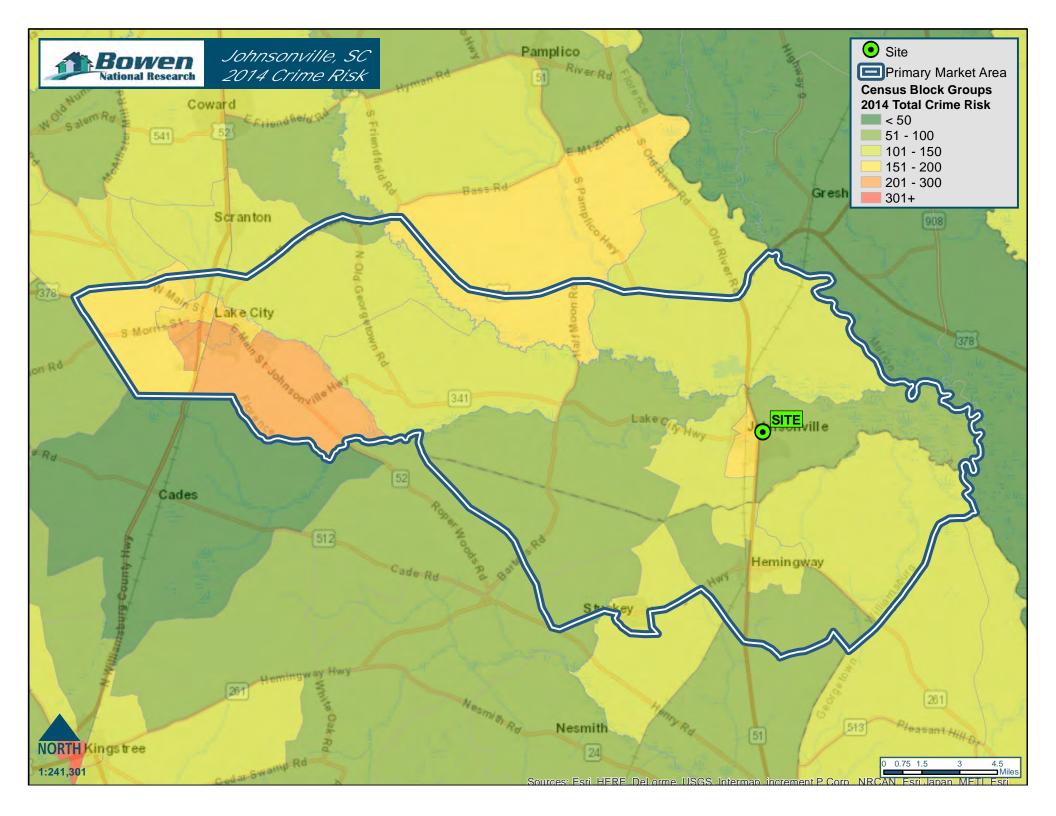
	Crime	Risk Index
	Site PMA	Florence County
Total Crime	125	131
Personal Crime	174	172
Murder	254	183
Rape	123	135
Robbery	67	88
Assault	168	194
Property Crime	105	120
Burglary	131	143
Larceny	95	125
Motor Vehicle Theft	72	72

Source: Applied Geographic Solutions

Although the total crime risk index for the Johnsonville Site PMA is slightly above the national average, the perception of crime is not anticipated to have an adverse impact on the subject project's marketability. This is further evidenced by the 100.0% occupancy rate maintained at all rental properties surveyed within the market. In addition, as illustrated within the map on the following page, the subject site is located within an area that has a lower crime risk index relative to the areas farther west of the site neighborhood, which will have a positive impact on its marketability.

A map illustrating crime risk is on the following page.





7. ACCESS AND VISIBILITY

The subject site maintains clear lines of vision to the east and west; however, heavily wooded land obstructs visibility to the north and south. The most significant passerby traffic will derive from Georgetown Highway (State Route 41/51) to the west and, as such, permanent signage is recommended along this roadway to mitigate any lack of visibility. Overall, visibility is fair and would be considered good with the addition of signage along Georgetown Highway (State Route 41/51).

The subject site will ultimately derive access from Georgetown Highway (State Route 41/51), a four-lane arterial roadway with generally light traffic patterns. Georgetown Highway (State Route 41/51) traverses north/south throughout Johnsonville and provides access to many local community services, as well as other regional arterials such as State Route 341 and U.S. Highway 378. The proposed site can also be accessed from the east by way of South Persimmon Ford Road, a two-lane roadway with light vehicular traffic. Chapman Drive, an unpaved roadway runs from the northwest boundary of the site to the southeast boundary of site traversing east/west. This roadway is generally used by residents located within the immediate site area. Please note, there is no fixed-route public transportation in Johnsonville. However, the lack of public transit is not expected to have a negative impact on the marketability of the proposed site, as residents are aware and accustomed to the rural nature of the immediate area. Overall, access to and from the proposed site is considered to be good.

8. <u>VISIBLE OR ENVIRONMENTAL ISSUES</u>

There are no visible or known environmental issues within the immediate area of the proposed site.

9. OVERALL SITE CONCLUSIONS

The subject project fits in well with surrounding land uses. Visibility and access are considered good, pending the consideration of permanent signage located along Georgetown Highway (State Route 41/51). The site is within 1.0 mile of most shopping, dining, employment and education opportunities. Public safety services are all within 0.8 miles, and the site has convenient access to major highways in the area. There is no fixed route public transportation located in Johnsonville; however, this is not expected to have a negative impact on the marketability of the site due to the rural nature of the area. The nearest full service hospital is Lake City Community Hospital located 21.2 miles northwest of the proposed site. While there is no full-service hospital located within Johnsonville, there are various family practices and clinics located in Johnsonville. Overall, we consider the site's location and proximity to basic shopping needs to have a positive impact on its marketability.



D. Primary Market Area Delineation

The Primary Market Area (PMA) is the geographical area from which most of the support for the subject development is expected to originate. The Johnsonville Site PMA was determined through interviews with area leasing agents and the personal observations of our analysts. The personal observations of our analysts include physical and/or socioeconomic differences in the market and a demographic analysis of the area households and population.

The Johnsonville Site PMA includes all of Johnsonville, Hemingway, Stuckey, and Lake City, as well as the surrounding unincorporated areas of Florence and Williamsburg counties. Specifically, the boundaries of the Site PMA consist of U.S. Highway 378 to the north; the Florence County boundary, the Great Pee Dee River, County Road S-22-5 and County Line Road to the east; Thompson Road, Garden Road, County Road S-45-160, State Route 261, the Stuckey town limits, Old Georgetown Road and the Florence County boundary to the south; and the Florence County Boundary to the west. All areas of the Site PMA are within approximately 23.0 miles from the subject location. The Site PMA comprises the following Census Tract numbers:

18	19*	20	22.01
22.02	23	9702	9703

^{*}Subject site location

Although the Site PMA encompasses a large geographical area, the majority of these areas are considered rural and contain a limited number of households. However, the Site PMA was designed to incorporate the nearby populated areas of both Florence and Williamsburg counties. While Lake City is approximately 21.0 miles from Johnsonville, these areas are connected via State Route 341, which supports and encourages mobility between the two cities, especially considering the lack of available rental housing within the aforementioned towns and all areas in between.

The following are summaries of interviews conducted with various representatives knowledgeable about the area confirming the Site PMA:

Diane Ahmed, Property Manager of Palmetto Ridge Estates (Map ID 11), a Tax Credit community located in Lake City, stated that the majority of her property's support originated from Lake City, Johnsonville and Hemingway. Ms. Ahmed anticipates that the subject project will experience similar trends, thus confirming the Site PMA. Residents in the areas beyond the PMA to the east, like Conway, are more likely to move towards Myrtle Beach where there are more affordable housing options.

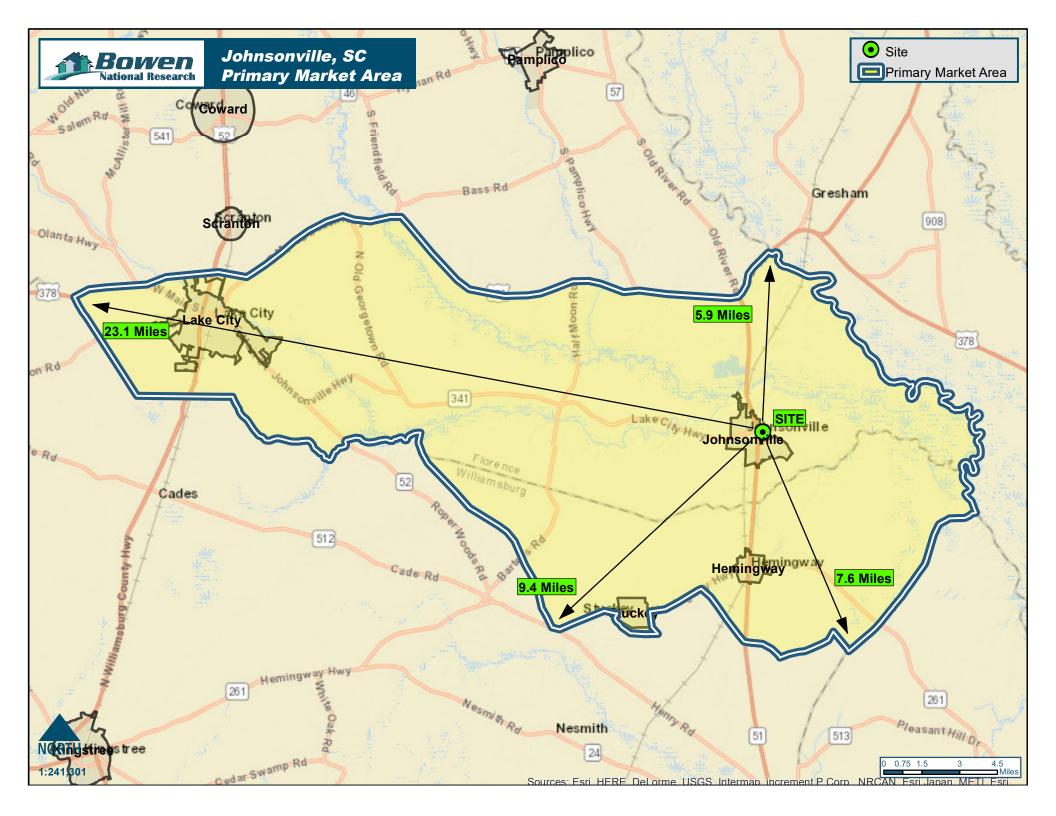


Ashley Lewis, Property Manager of Spring Hill Apartments (Map ID 5), a market-rate property located in Johnsonville, stated that an affordable property in Johnsonville will primarily draw support from Johnsonville, Hemingway and Lake City, thus confirming the Site PMA.

A modest portion of support may originate from some of the outlying smaller communities in the area; we have not, however, considered any secondary market area in this report.

A map delineating the boundaries of the Site PMA is included on the following page.





E. Market Area Economy

1. EMPLOYMENT BY INDUSTRY

The labor force within the Johnsonville Site PMA is based primarily in three sectors. Retail Trade (which comprises 26.9%), Educational Services and Health Care & Social Assistance comprise approximately 54% of the Site PMA labor force. Employment in the Johnsonville Site PMA, as of 2016, was distributed as follows:

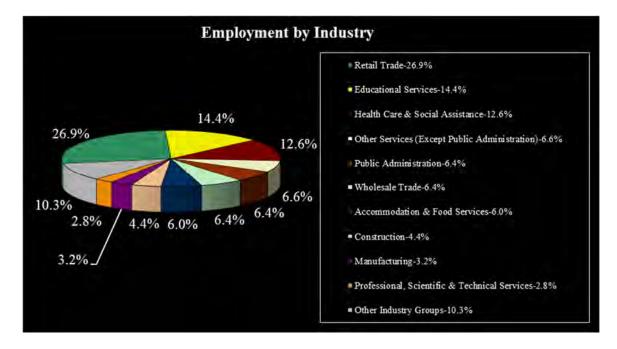
NAICS Group	Establishments	Percent	Employees	Percent	E.P.E.
Agriculture, Forestry, Fishing & Hunting	7	0.8%	56	0.6%	8.0
Mining	0	0.0%	0	0.0%	0.0
Utilities	4	0.4%	12	0.1%	3.0
Construction	37	4.1%	384	4.4%	10.4
Manufacturing	18	2.0%	284	3.2%	15.8
Wholesale Trade	37	4.1%	555	6.4%	15.0
Retail Trade	184	20.2%	2,354	26.9%	12.8
Transportation & Warehousing	23	2.5%	176	2.0%	7.7
Information	16	1.8%	59	0.7%	3.7
Finance & Insurance	89	9.7%	233	2.7%	2.6
Real Estate & Rental & Leasing	45	4.9%	116	1.3%	2.6
Professional, Scientific & Technical Services	44	4.8%	245	2.8%	5.6
Management of Companies & Enterprises	0	0.0%	0	0.0%	0.0
Administrative, Support, Waste Management & Remediation Services	19	2.1%	175	2.0%	9.2
Educational Services	36	3.9%	1,259	14.4%	35.0
Health Care & Social Assistance	66	7.2%	1,102	12.6%	16.7
Arts, Entertainment & Recreation	15	1.6%	76	0.9%	5.1
Accommodation & Food Services	49	5.4%	520	6.0%	10.6
Other Services (Except Public Administration)	173	18.9%	574	6.6%	3.3
Public Administration	39	4.3%	559	6.4%	14.3
Nonclassifiable	12	1.3%	0	0.0%	0.0
Total	913	100.0%	8,739	100.0%	9.6

^{*}Source: 2010 Census; ESRI; Urban Decision Group; Bowen National Research

Note: Since this survey is conducted of establishments and not of residents, some employees may not live within the Site PMA. These employees, however, are included in our labor force calculations because their places of employment are located within the Site PMA.



E.P.E. - Average Employees Per Establishment



2. LOW-INCOME EMPLOYMENT OPPORTUNITIES

Typical wages by job category for the Florence Metropolitan Statistical Area (MSA) are compared with those of South Carolina in the following table:

Typical Wage by Occupation Type		
Occupation Type	Florence MSA	South Carolina
Management Occupations	\$97,310	\$95,340
Business and Financial Occupations	\$54,380	\$60,240
Computer and Mathematical Occupations	\$62,220	\$69,040
Architecture and Engineering Occupations	\$74,640	\$74,930
Community and Social Service Occupations	\$36,000	\$40,270
Art, Design, Entertainment and Sports Medicine Occupations	\$42,520	\$44,040
Healthcare Practitioners and Technical Occupations	\$71,750	\$70,740
Healthcare Support Occupations	\$24,000	\$26,400
Protective Service Occupations	\$32,920	\$35,230
Food Preparation and Serving Related Occupations	\$18,970	\$20,410
Building and Grounds Cleaning and Maintenance Occupations	\$20,810	\$22,840
Personal Care and Service Occupations	\$21,340	\$22,570
Sales and Related Occupations	\$31,240	\$32,250
Office and Administrative Support Occupations	\$32,130	\$32,810
Construction and Extraction Occupations	\$35,700	\$38,370
Installation, Maintenance and Repair Occupations	\$40,510	\$42,030
Production Occupations	\$39,250	\$35,990
Transportation and Moving Occupations	\$30,060	\$31,720

Source: U.S. Department of Labor, Bureau of Statistics



Most annual blue-collar salaries range from \$18,970 to \$42,520 within the MSA. White-collar jobs, such as those related to professional positions, management and medicine, have an average salary of \$72,060. It is important to note that most occupational types within the MSA have slightly lower typical wages than the State of South Carolina's typical wages. The area employment base has a sufficient number of income-appropriate occupations from which the proposed subject project will be able to draw renter support.

3. AREA'S LARGEST EMPLOYERS

The ten largest private sector employers within Florence County are summarized in the following table. Specific information regarding the number of persons employed was unavailable at the time this report was issued.

Employer Name	Business Type	
McLeod Regional Medical Center	Healthcare	
Carolinas Hospital	Healthcare	
Assurant	Insurance	
TRICARE (Blue Cross Blue Shield) PGBA	Insurance	
Honda of South Carolina	Dealership	
Nan Ya Plastics Corporation America	Manufacturer	
McCall Farms	Food Service Products	
OTIS Elevator (United Technologies)	Manufacturer	
QVC, Inc. (Liberty Interactive)	Retail	
Wellman Plastics Recycling	Manufacturer	

Source: Florence County Economic Development Partnership (2016)

According to a representative with the Florence County Economic Development Partnership, the Florence County economy is improving. The following highlights key economic factors impacting the local employment base:

- In September 2016, Carolina Bank announced that they would be investing \$4.5 million to expand their location in Florence to include a new headquarters, offices and branch. This expansion will create 20 jobs and is expected to be completed in December 2017.
- In August 2016, Honda of South Carolina Manufacturing, Inc. announced that they would be investing \$45 million to construct a 115,000-square-foot facility at their current location near Timmonsville. The expansion will create 250 new jobs and is expected to be completed towards the end of 2019.
- In July 2016, McCall Farms announced they would be investing \$23 million in production expansion. The company built a new facility in northern Florence County in 2016 and two more will be built in the area between 2017 and 2019. By 2020 there will be hundreds of new jobs created.



• Charles Ingram Lumber Company and Willowcreek Lumber announced in July 2016 they will be investing \$8.3 million in expansions over the next five years.

WARN (layoff notices):

According to South Carolina Works, there have been no WARN notices (large-scale layoffs/closures) reported for Florence County since August 2015.

4. EMPLOYMENT TRENDS

The following tables were generated from the U.S. Department of Labor, Bureau of Labor Statistics and reflect employment trends of the county in which the site is located.

Excluding 2016, the employment base has increased by 6.8% over the past five years in Florence County, less than the South Carolina state increase of 9.1%. Total employment reflects the number of employed persons who live within the county.

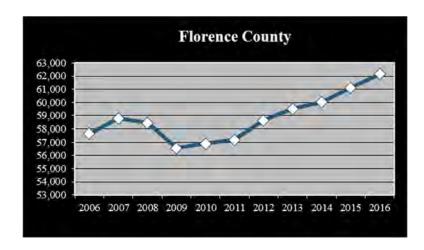
The following illustrates the total employment base for Florence County, South Carolina and the United States.

	Total Employment							
	Florence	County	South C	arolina	United	States		
Year	Total Number	Percent Change	Total Number	Percent Change	Total Number	Percent Change		
2006	57,651	-	1,973,337	-	145,000,042	-		
2007	58,784	2.0%	2,005,686	1.6%	146,388,400	1.0%		
2008	58,463	-0.5%	1,996,409	-0.5%	146,047,748	-0.2%		
2009	56,550	-3.3%	1,910,670	-4.3%	140,696,560	-3.7%		
2010	56,907	0.6%	1,915,045	0.2%	140,469,139	-0.2%		
2011	57,199	0.5%	1,945,900	1.6%	141,791,255	0.9%		
2012	58,636	2.5%	1,983,506	1.9%	143,688,931	1.3%		
2013	59,513	1.5%	2,022,444	2.0%	145,126,067	1.0%		
2014	60,030	0.9%	2,074,277	2.6%	147,604,328	1.7%		
2015	61,113	1.8%	2,122,573	2.3%	149,950,804	1.6%		
2016*	62,156	1.7%	2,183,741	2.9%	152,400,435	1.6%		

Source: Department of Labor; Bureau of Labor Statistics

*Through December





While the Florence County employment base was adversely impacted by the national recession between 2007 and 2009, it has steadily experienced growth since, increasing by 5,606 jobs, or 9.9%. Notably, the employment base within the county is above prerecession levels.

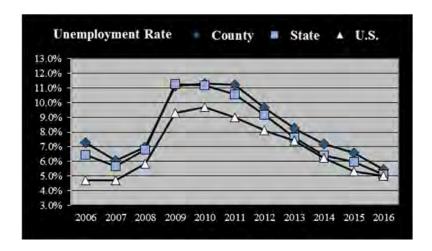
Unemployment rates for Florence County, South Carolina and the United States are illustrated as follows:

	Unemployment Rate							
	Florence County		South C	Carolina	United	States		
Year	Total Number	Percent	Total Number	Percent	Total Number	Percent		
2006	4,514	7.3%	135,760	6.4%	7,134,635	4.7%		
2007	3,799	6.1%	120,205	5.7%	7,190,052	4.7%		
2008	4,400	7.0%	145,823	6.8%	9,059,270	5.8%		
2009	7,090	11.1%	242,075	11.3%	14,430,158	9.3%		
2010	7,268	11.3%	240,623	11.2%	15,070,017	9.7%		
2011	7,233	11.2%	229,623	10.6%	14,035,049	9.0%		
2012	6,256	9.7%	200,607	9.2%	12,698,111	8.1%		
2013	5,352	8.2%	166,924	7.6%	11,642,668	7.4%		
2014	4,653	7.2%	142,505	6.4%	9,796,479	6.2%		
2015	4,299	6.6%	134,504	6.0%	8,439,309	5.3%		
2016*	3,581	5.4%	116,942	5.1%	7,937,201	5.0%		

Source: Department of Labor; Bureau of Labor Statistics

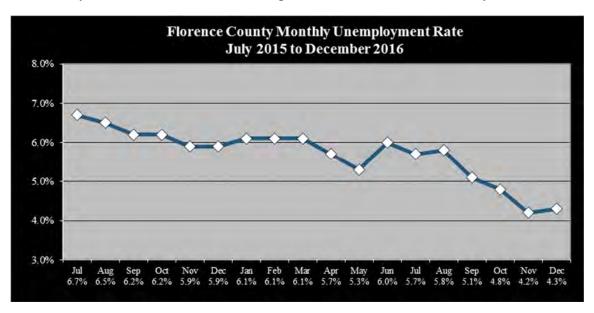
*Through December





Similar to the employment base, the unemployment rate within the county was adversely impacted by the national recession, increasing by over five percentage points between 2007 and 2010. On a positive note, the county's unemployment rate has consistently declined during the preceding six-year period. Notably, the current unemployment rate is the lowest it has been within the past decade.

The following table illustrates the monthly unemployment rate in Florence County for the most recent 18-month period for which data is currently available.



While the county has experienced fluctuations in unemployment over the past 18 months, it has generally trended downward from a high of 6.7% in July 2015 to 4.3% in December 2016.



In-place employment reflects the total number of jobs within the county regardless of the employee's county of residence. The following illustrates the total in-place employment base for Florence County.

	In-Place Employment Florence County							
Year	Employment	Change	Percent Change					
2006	60,998	-	-					
2007	62,837	1,839	3.0%					
2008	62,260	-577	-0.9%					
2009	59,457	-2,803	-4.5%					
2010	59,132	-325	-0.5%					
2011	59,034	-98	-0.2%					
2012	60,082	1,048	1.8%					
2013	59,493	-589	-1.0%					
2014	60,445	952	1.6%					
2015	61,398	953	1.6%					
2016*	61,937	539	0.9%					

Source: Department of Labor, Bureau of Labor Statistics

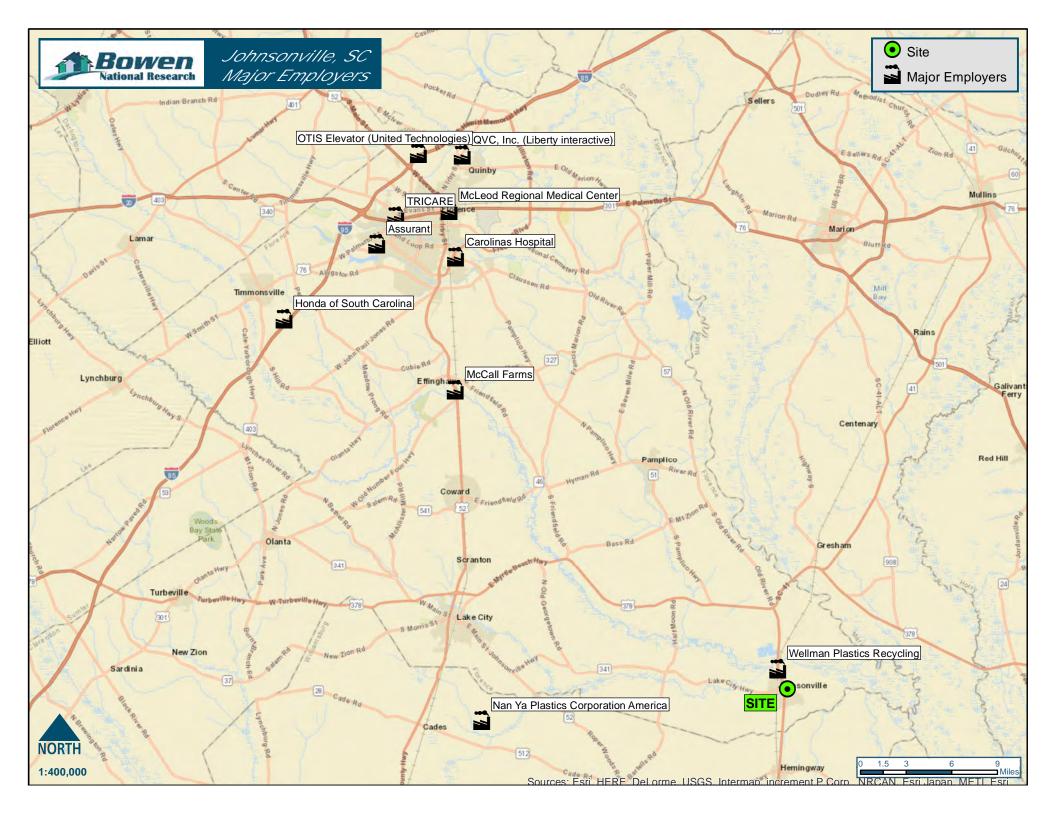
Data for 2015, the most recent year that year-end figures are available, indicates in-place employment in Florence County to be 100.5% of the total Florence County employment. This means that Florence County has more employed persons coming to the county from other counties for work (daytime employment) than those who both live and work there. This will have a positive impact on the subject project's marketability, as it is likely that many of the site's tenants will have minimal commute times to their place of employment.

5. <u>EMPLOYMENT CENTERS MAP</u>

A map illustrating the location of the area's largest employers is included on the following page.



^{*}Through June



6. COMMUTING PATTERNS

Based on the American Community Survey (2011-2015), the following is a distribution of commuting patterns for Site PMA workers age 16 and over:

	Workers Age 16+			
Mode of Transportation	Number	Percent		
Drove Alone		6,589	84.9%	
Carpooled		737	9.5%	
Public Transit		11	0.1%	
Walked		161	2.1%	
Other Means		14	0.2%	
Worked at Home		247	3.2%	
	Total	7,759	100.0%	

Source: American Community Survey (2011-2015); ESRI; Urban Decision Group; Bowen National Research

Nearly 85% of all workers drove alone, 9.5% carpooled and only 0.1% used public transportation.

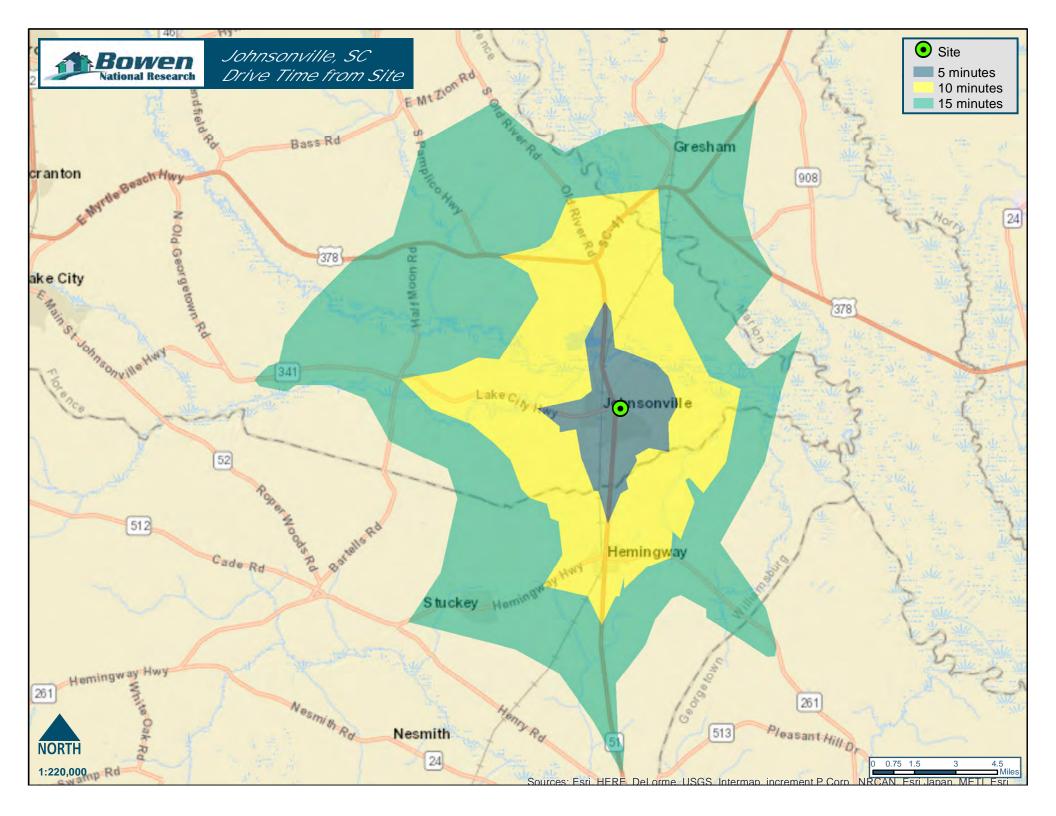
Typical travel times to work for the Site PMA residents are illustrated as follows:

	Workers Age 16+		
Travel Time	Number	Percent	
Less Than 15 Minutes	2,528	32.6%	
15 to 29 Minutes	1,654	21.3%	
30 to 44 Minutes	1,584	20.4%	
45 to 59 Minutes	1,009	13.0%	
60 or More Minutes	736	9.5%	
Worked at Home	247	3.2%	
Total	7,758	100.0%	

Source: American Community Survey (2011-2015); ESRI; Urban Decision Group; Bowen National Research

The largest share of area commuters has typical travel times to work ranging from zero to 15 minutes. The subject site is within a 30-minute drive to many of the area's notable employers, which should contribute to its marketability. A drive-time map for the subject site is on the following page.





7. ECONOMIC FORECAST AND HOUSING IMPACT

According to economic development representatives, the Florence County economy continues to improve. Notably, nearly \$80 million will be invested within the county, expected to create nearly 500 jobs by 2020. Additionally, based on employment data from the Department of Labor: Bureau of Labor Statistics, the Florence County economy appears to be well beyond the beginning stages of economic recovery. Although the county's economy was adversely impacted by the national recession, the employment base has been consistently increasing and the unemployment rate has been consistently decreasing since 2010. It is important to note that the employment base is above prerecession levels and the current unemployment rate of 5.4% (through December 2016) is the lowest it has been since prior to 2006. Considering these positive economic trends, we believe the area economy will continue to create a stable environment for affordable housing.



F. Community Demographic Data

The following demographic data relates to the Site PMA. It is important to note that not all 2019 projections quoted in this section agree because of the variety of sources and rounding methods used. In most cases, the differences in the 2019 projections do not vary more than 1.0%.

1. POPULATION TRENDS

a. Total Population

The Site PMA population bases for 2000, 2010, 2016 (estimated) and 2019 (projected) are summarized as follows:

	Year						
	2000 (Census)	2010 (Census)	2016 (Estimated)	2019 (Projected)			
Population	22,698	22,050	22,619	22,787			
Population Change	-	-648	569	168			
Percent Change	-	-2.9%	2.6%	0.7%			

Source: 2000, 2010 Census; ESRI; Urban Decision Group; Bowen National Research

As the preceding table illustrates, the market's population base has been generally stable since 2000. These trends are projected to remain relatively stable through 2019.

Based on the 2010 Census, the population residing in group-quarters is represented by 0.2% of the Site PMA population, as demonstrated in the following table:

	Number	Percent
Population in Group Quarters	35	0.2%
Population not in Group Quarters	22,015	99.8%
Total Population	22,050	100.0%

Source: 2010 Census



b. Population by Age Group

The Site PMA population bases by age are summarized as follows:

Population	Population 2010 (Cens		2016 (Estimated)		2019 (Projected)		Change 2016-2019	
by Age	Number	Percent	Number	Percent	Number	Percent	Number	Percent
19 & Under	6,495	29.5%	6,195	27.4%	6,166	27.1%	-29	-0.5%
20 to 24	1,307	5.9%	1,348	6.0%	1,242	5.4%	-106	-7.9%
25 to 34	2,545	11.5%	2,793	12.3%	2,687	11.8%	-106	-3.8%
35 to 44	2,595	11.8%	2,582	11.4%	2,674	11.7%	92	3.6%
45 to 54	3,165	14.4%	2,935	13.0%	2,808	12.3%	-127	-4.3%
55 to 64	2,903	13.2%	3,128	13.8%	3,181	14.0%	53	1.7%
65 to 74	1,798	8.2%	2,316	10.2%	2,543	11.2%	227	9.8%
75 & Over	1,243	5.6%	1,322	5.8%	1,485	6.5%	163	12.3%
Total	22,051	100.0%	22,619	100.0%	22,787	100.0%	168	0.7%

Source: 2010 Census; ESRI; Urban Decision Group; Bowen National Research

As the preceding table illustrates, nearly 51% of the population is expected to be between 25 and 64 years old in 2016. This age group is the primary group of potential renters for the subject site and will likely represent a significant number of the tenants.

c. Elderly and Non-Elderly Population

The subject project is not age-restricted; therefore, all person with appropriate incomes will be eligible to live at the subject development. As a result, we have not included an analysis of the PMA's senior and non-senior population.

d. Special Needs Population

The subject project will not offer special needs units. Therefore, we have not provided any population data regarding special needs populations.

e. Minority Concentrations

As requested by SCSHFDA, we have provided data regarding the composition of minorities within the site Census Tract. The following table compares the concentration of minorities in the state of South Carolina to the site Census Tract:

Minority Group	Statewide Share	Equal To or Greater Than	Site Census Tract Share
Total Minority Population	33.8%	33.8% + 20.0% = 53.8%	35.0%
Black or African American	27.9%	27.9% + 20.0% = 47.9%	32.4%
American Indian and Alaska Native	0.4%	0.4% + 20.0% = 20.4%	0.4%
Asian	1.3%	1.3% + 20.0% = 21.3%	0.4%
Native Hawaiian and Other Pacific Islander	0.1%	0.1% + 20.0% = 20.1%	0.1%
Hispanic or Latino	5.1%	5.1% + 20.0% = 25.1%	0.5%

Source: U.S. Census Bureau, 2010 Census



Based on the data in the preceding table, the site is not located within a Census Tract that is dominated by any particular minority group.

2. HOUSEHOLD TRENDS

a. Total Households

Household trends within the Johnsonville Site PMA are summarized as follows:

		Year						
	2000 (Census)	2010 (Census)	2016 (Estimated)	2019 (Projected)				
Households	8,422	8,365	8,544	8,597				
Household Change	-	-57	179	53				
Percent Change	-	-0.7%	2.1%	0.6%				
Household Size	2.70	2.64	2.64	2.65				

Source: 2000, 2010 Census; ESRI; Urban Decision Group; Bowen National Research

Similar to population trends, the market's households have been generally stable since 2000. These trends are projected to remain relatively stable through 2019.

b. Households by Tenure

Households by tenure are distributed as follows:

	2010 (Census)		2016 (Estimated)		2019 (Projected)	
Tenure	Number	Percent	Number	Percent	Number	Percent
Owner-Occupied	5,717	68.3%	5,667	66.3%	5,697	66.3%
Renter-Occupied	2,648	31.7%	2,877	33.7%	2,900	33.7%
Total	8,365	100.0%	8,544	100.0%	8,597	100.0%

Source: 2010 Census; ESRI; Urban Decision Group; Bowen National Research

In 2016, homeowners occupied 66.3% of all occupied housing units, while the remaining 33.7% were occupied by renters. The share of renters is considered typical for a rural market, such as the Johnsonville Site PMA, and the 2,877 renter households in 2016 represent a good base of potential support in the market for the subject development.



c. Households by Income

The distribution of households by income within the Johnsonville Site PMA is summarized as follows:

Household	2010 (Census)		2016 (Estimated)		2019 (Projected)	
Income	Households	Percent	Households	Percent	Households	Percent
Less Than \$15,000	2,734	32.7%	2,003	23.4%	2,020	23.5%
\$15,000 to \$24,999	1,114	13.3%	1,303	15.3%	1,319	15.3%
\$25,000 to \$34,999	956	11.4%	1,151	13.5%	1,111	12.9%
\$35,000 to \$49,999	1,331	15.9%	1,391	16.3%	1,377	16.0%
\$50,000 to \$74,999	1,333	15.9%	1,305	15.3%	1,300	15.1%
\$75,000 to \$99,999	422	5.0%	717	8.4%	748	8.7%
\$100,000 to \$149,999	339	4.1%	430	5.0%	458	5.3%
\$150,000 to \$199,999	81	1.0%	141	1.7%	155	1.8%
\$200,000 & Over	57	0.7%	103	1.2%	110	1.3%
Total	8,367	100.0%	8,544	100.0%	8,599	100.0%
Median Income	\$28,5	509	\$33,	393	\$33,	649

Source: 2010 Census; ESRI; Urban Decision Group; Bowen National Research

In 2010, the median household income was \$28,509. This increased by 17.1% to \$33,393 in 2016. By 2019, it is projected that the median household income will be \$33,649, an increase of 0.8% from 2016.

d. Average Household Size

Information regarding average household size is considered in 2. a. Total Households of this section.

e. Households by Income by Tenure

The following tables illustrate renter household income by household size for 2010, 2016 and 2019 for the Johnsonville Site PMA:

Renter	2010 (Census)						
Households	1-Person	2-Person	3-Person	4-Person	5-Person+	Total	
Less Than \$15,000	473	403	205	227	117	1,425	
\$15,000 to \$24,999	147	111	56	63	30	407	
\$25,000 to \$34,999	105	94	47	53	29	328	
\$35,000 to \$49,999	78	89	45	49	27	288	
\$50,000 to \$74,999	39	47	24	26	12	148	
\$75,000 to \$99,999	7	8	4	4	0	23	
\$100,000 to \$149,999	2	3	1	1	0	7	
\$150,000 to \$199,999	5	5	1	2	0	13	
\$200,000 & Over	3	3	1	2	0	9	
Total	859	763	384	427	215	2,648	

Source: ESRI; Urban Decision Group



Renter	2016 (Estimated)						
Households	1-Person	2-Person	3-Person	4-Person	5-Person+	Total	
Less Than \$15,000	352	311	210	173	105	1,151	
\$15,000 to \$24,999	157	138	94	76	43	508	
\$25,000 to \$34,999	163	149	100	82	48	542	
\$35,000 to \$49,999	101	96	65	53	31	346	
\$50,000 to \$74,999	53	56	37	32	17	195	
\$75,000 to \$99,999	26	28	18	15	8	95	
\$100,000 to \$149,999	2	3	1	1	0	7	
\$150,000 to \$199,999	6	5	4	4	0	19	
\$200,000 & Over	4	4	4	3	0	15	
Total	864	790	533	439	252	2,878	

Source: ESRI; Urban Decision Group

Renter	2019 (Projected)							
Households	1-Person	2-Person	3-Person	4-Person	5-Person+	Total		
Less Than \$15,000	354	307	208	171	104	1,145		
\$15,000 to \$24,999	145	130	87	72	41	475		
\$25,000 to \$34,999	167	154	104	85	50	560		
\$35,000 to \$49,999	94	89	61	51	27	323		
\$50,000 to \$74,999	56	56	38	31	17	198		
\$75,000 to \$99,999	29	30	19	16	9	102		
\$100,000 to \$149,999	1	1	0	0	0	3		
\$150,000 to \$199,999	16	15	11	8	5	55		
\$200,000 & Over	11	11	8	7	4	40		
Total	874	794	535	441	256	2,901		

Source: ESRI; Urban Decision Group

Data from the preceding tables is used in our demand estimates.

Demographic Summary

Approximately one-third of the market is occupied by renter households. Overall, population and household trends have generally been stable since 2000 and are projected to remain relatively stable through 2019. Regardless, the 2,877 renter households in 2016 represent a good base of potential support in the market for the subject development. As discussed later in Section H of this report, all affordable rental housing communities surveyed in the market are 100.0% occupied, the majority of which maintain waiting lists. This indicates that there is pent-up demand for such housing and the continuing need for additional affordable housing options within the Site PMA, particularly when factoring in rent overburdened households or those living in substandard housing.



G. Project-Specific Demand Analysis

1. <u>INCOME RESTRICTIONS</u>

The number of income-eligible households necessary to support the project from the Site PMA is an important consideration in evaluating the subject project's potential.

Under the Low-Income Housing Tax Credit (LIHTC) program, household eligibility is based on household income not exceeding the targeted percentage of Area Median Household Income (AMHI), depending upon household size.

The subject site is within the Florence, South Carolina HUD Metro FMR Area, which has a four-person median household income of \$53,500 for 2016. The project location, however, is eligible for the National Non-Metropolitan Income and Rent Floor adjustment. Therefore, the income restrictions for the subject project are based on the national non-metropolitan four-person median household income of \$53,300 in 2016. The subject property will be restricted to households with incomes up to 50% and 60% of AMHI. The following table summarizes the maximum allowable income by household size at various levels of AMHI:

Household	Maximum Allowable Income					
Size	50%	60%				
One-Person	\$18,650	\$22,380				
Two-Person	\$21,300	\$25,560				
Three-Person	\$24,000	\$28,800				
Four-Person	\$26,650	\$31,980				
Five-Person	\$28,800	\$34,560				

The largest proposed units (three-bedroom) at the subject site are expected to house up to five-person households. As such, the maximum allowable income at the subject site is \$28,800 for the units at 50% of AMHI and \$34,560 for the units at 60% of AMHI.

2. AFFORDABILITY

Leasing industry standards typically require households to have rent-to-income ratios of 25% to 30%. Pursuant to SCSHFDA market study guidelines, the maximum rent-to-income ratio permitted for a family project is 35% and for a senior project is 40%.

The proposed LIHTC units will have a lowest gross rent of \$559 (at 50% AMHI). Over a 12-month period, the minimum annual household expenditure (rent plus tenant-paid utilities) at the subject site is \$6,708. Applying a 35% rent-to-income ratio to the minimum annual household expenditure yields a minimum annual household income requirement for the Tax Credit units of \$19,166.



Based on the preceding analyses, the income-appropriate ranges required for residency at the subject project with units built to serve households at 50% and 60% of AMHI are included in the following table:

	Income Range		
Unit Type	Minimum	Maximum	
Tax Credit (Limited To 50% Of AMHI)	\$19,166	\$28,800	
Tax Credit (Limited To 60% Of AMHI)	\$20,366	\$34,560	
Overall Project	\$19,166	\$34,560	

3. <u>DEMAND COMPONENTS</u>

The following are the demand components as outlined by the South Carolina State Housing Finance and Development Authority:

a. **Demand for New Households.** New units required in the market area due to projected household growth should be determined using 2016 Census data estimates and projecting forward to the anticipated placed-in-service date of the project (2019) using a growth rate established from a reputable source such as ESRI. The population projected must be limited to the age and income cohort and the demand for each income group targeted (i.e. 50% of median income) must be shown separately.

In instances where a significant number (more than 20%) of proposed rental units are comprised of three- and/or four-bedroom units, analysts must conduct the required capture rate analysis, followed by an additional refined overall capture rate analysis for the proposed three- and/or four-bedroom units by considering only the number of large households (generally three- or four+-persons). A demand analysis which does not consider both the overall capture rate and the additional refined larger-households analysis may not accurately illustrate the demographic support base.

- b. **Demand from Existing Households:** The second source of demand should be determined using 2000 and 2010 Census data (as available), ACS 5 year estimates or demographic estimates provided by reputable companies. All data in tables should be projected from the same source:
 - 1) Rent overburdened households, if any, within the age group, income cohorts and tenure (renters) targeted for the subject development. In order to achieve consistency in methodology, all analysts should assume that the rent-overburdened analysis includes households paying greater than 35%, or in the case of elderly 40%, of their gross income toward gross rent rather than some greater percentage. If an analyst feels strongly that the rent-overburdened analysis should focus on a greater percentage, they must give an in-depth explanation why this assumption should be included. Any such additional indicators should be calculated separately and be easily added or subtracted from the required demand analysis.



Based on Table B25074 of the American Community Survey (ACS) 2011-2015 5-year estimates, approximately 16.3% to 21.7% (depending upon the targeted income level) of renter households within the market were rent overburdened. These households have been included in our demand analysis.

2) Households living in substandard housing (units that lack complete plumbing or those that are overcrowded). Households in substandard housing should be adjusted for age, income bands and tenure that apply. The analyst should use their own knowledge of the market area and project to determine if households from substandard housing would be a realistic source of demand. The market analyst is encouraged to be conservative in their estimate of demand from both households that are rent-overburdened and/or living in substandard housing.

Based on the 2015 ACS 5-Year Estimates Table B25016, 6.7% of all households within the market were living in substandard housing (lacking complete indoor plumbing and overcrowded households/1+ persons per room).

3) Elderly Homeowners likely to convert to rentership: The Authority recognizes that this type of turnover is increasingly becoming a factor in the demand for elderly Tax Credit housing. A narrative of the steps taken to arrive at this demand figure should be included. The elderly homeowner conversion demand component shall not account for more than 20% of the total demand.

The subject project is not age-restricted, thus we have not considered elderly homeowner conversion in our demand estimates.

4) Other: Please note, the Authority does not, in general, consider household turnover rates other than those of elderly to be an accurate determination of market demand. However, if an analyst firmly believes that demand exists which is not being captured by the above methods, she/he may be allowed to consider this information in their analysis. The analyst may also use other indicators to estimate demand if they can be fully justified (e.g. an analysis of an under-built or over-built market in the base year). Any such additional indicators should be calculated separately and be easily added or subtracted from the demand analysis described above.



4. METHODOLOGY

Please note that the Authority's stabilized level of occupancy is 93.0%

- a. **Demand:** The two overall demand components (3a and 3b) added together represent total demand for the project.
- b. **Supply:** Comparable/competitive units funded, under construction, or placed in service since 2016 must be subtracted to calculate net demand. Vacancies in projects placed in service prior to 2016 which have not reach stabilized occupancy must also be considered as part of the supply.
- c. **Capture Rates:** Capture rates must be calculated for each targeted income group and each bedroom size proposed as well as for the project overall.
- d. **Absorption Rates:** The absorption rate determination should consider such factors as the overall estimate of new renter household growth, the available supply of comparable/competitive units, observed trends in absorption of comparable/competitive units, and the availability of subsidies and rent specials.

5. <u>DEMAND/CAPTURE RATE CALCULATIONS</u>

Within the Site PMA, there are no affordable housing projects that were funded and/or built during the projection period (2016 to current). We did not identify any projects that were placed in service prior to 2016 that have not reached a stabilized occupancy. As such, no units were included in the following demand estimates.



The following is a summary of our demand calculations:

	Percent Of Median Household Income					
Demand Component	50% AMHI (\$19,166-\$28,800)	60% AMHI (\$20,366-\$34,560)	Overall (\$19,166-\$34,560)			
Demand From New Renter Households						
(Age- And Income-Appropriate)	490 - 502 = -12	755 - 754 = 1	812 - 814 = -2			
+						
Demand From Existing Households						
(Rent Overburdened)	$502 \times 21.7\% = 109$	$754 \times 16.3\% = 122$	814 X 19.7% = 160			
+						
Demand From Existing Households						
(Renters In Substandard Housing)	$502 \times 6.7\% = 34$	$754 \times 6.7\% = 50$	814 X 6.7% = 54			
+						
Demand From Existing Households						
(Senior Homeowner Conversion)	N/A	N/A	N/A			
=						
Total Demand	131	173	212			
-						
Supply						
(Directly Comparable Units Built And/Or Funded						
Since 2016)	0	0	0			
=						
Net Demand	131	173	212			
Proposed Units	8	29	37			
Proposed Units/ Net Demand	8 / 131	29 / 173	37 / 212			
Capture Rate	= 6.1%	= 16.8%	= 17.5%			

The capture rates for units targeting households at 50% and 60% of AMHI, ranging from 6.1% to 16.8%, are considered low and easily achievable. This is especially true, considering the lack of available affordable units within the Site PMA. The overall capture rate for the subject project is also considered low and achievable at 17.5%, demonstrating that there is a significant base of incomequalified renter households that will be able to support the subject project.

Based on the distribution of persons per household and the share of rental units in the market, we estimate the share of demand by bedroom type within the Site PMA as follows:

Estimated Demand By Bedroom						
Bedroom Type	Percent					
One-Bedroom	15.0%					
Two-Bedroom	50.0%					
Three-Bedroom	35.0%					
Total	100.0%					



Applying the preceding shares to the income-qualified households yields demand and capture rates of the proposed units by bedroom type as illustrated in the following tables:

Units Targeting 50% Of AMHI (131 Units Of Demand)								
Bedroom Size Total Net Demand By Proposed Capture Rate By (Share Of Demand) Demand Supply* Bedroom Type Subject Units Bedroom Type								
One-Bedroom (15%)	19	-	19	-	-			
Two-Bedroom (50%)	66	0	66	3	4.5%			
Three-Bedroom (35%)	46	0	46	5	10.9%			

^{*}Directly comparable units built and/or funded in the project market over the projection period.

Units Targeting 60% Of AMHI (173 Units Of Demand)								
Bedroom Size Total Net Demand By Proposed Capture Rate By (Share Of Demand) Demand Supply* Bedroom Type Subject Units Bedroom Type								
One-Bedroom (15%)	25	-	25	-	-			
Two-Bedroom (50%)	87	0	87	10	11.5%			
Three-Bedroom (35%)	61	0	61	19	31.1%			

^{*}Directly comparable units built and/or funded in the project market over the projection period.

The capture rates by bedroom type and targeted income level range from 4.5% to 31.1%. These capture rates are considered low to moderate, yet achievable. This is especially true, considering that all affordable family (general-occupancy) housing alternatives surveyed in the market are 100.0% occupied, nearly all of which maintain wait lists. The subject project will provide an affordable housing alternative that is currently lacking availability within the market and will be able to accommodate a portion of this unmet demand.

Considering that the subject project will include 24 three-bedroom units, which comprise 64.9% of all subject units offered, the analysis on the following page has been conducted to consider only large-households (three-person+) and the proposed three-bedroom units.



	Percent Of Median Household Income						
	50% AMHI	60% AMHI	Overall				
Demand Component	(\$23,074-\$28,800)	(\$24,103-\$34,560)	(\$23,074-\$34,560)				
Demand From New Larger Renter Households							
(Age- And Income-Appropriate)	130 - 128 = 2	247 - 239 = 8	268 - 261 = 7				
+							
Demand From Existing Households							
(Rent Overburdened)	$128 \times 16.3\% = 21$	239 X 16.3% = 39	261 X 16.3% = 43				
+							
Demand From Existing Households							
(Renters In Substandard Housing)	$128 \times 6.7\% = 9$	239 X 6.7% = 16	261 X 6.7% = 17				
=							
Total Large Household Demand	32	63	67				
-							
Supply							
(Directly Comparable (Three-Br.+) Units Built							
And/Or Funded Since 2016)	0	0	0				
=							
Net Large Household Demand	32	63	67				
Proposed (Three-Br.+) Units	5	19	24				
Proposed (Three-Br.+) Units/ Net Large							
Household Demand	5 / 32	19 / 63	24 / 67				
Large-Household Capture Rate	= 15.6%	= 30.2%	= 35.8%				

The capture rates for the subject's three-bedroom units targeting households at 50% and 60% of AMHI, ranging from 15.6% to 30.2%, when considering larger (three-person+) household sizes, are considered low to moderate, yet achievable. This is especially true, considering the lack of available affordable three-bedroom units within the Site PMA. The overall capture rate for the subject project's three-bedroom units is also considered moderate, yet achievable at 35.8%, demonstrating that there is a sufficient base of income-qualified renter households that will be able to support such units. It is important to note that the net demand for the subject's three-bedroom units in the preceding table differs slightly from the net demand by bedroom type on the preceding page. The analysis in the preceding table considers all larger household sizes that will income-qualify to reside at the subject's three-bedroom units, regardless of bedroom type preference.



6. ABSORPTION PROJECTIONS

For the purpose of this analysis, we assume the absorption period at the proposed subject site begins as soon as the first units are available for occupancy. Since all demand calculations in this report follow agency guidelines that assume a 2019 opening date for the site, we also assume that the first completed units at the site will be available for rent sometime in 2019. Further, these absorption projections assume the project will be built as outlined in this report. Changes to the project's rents, amenities, floor plans, location or other features may invalidate our findings. Finally, we assume the developer and/or management will aggressively market the project a few months in advance of its opening and will continue to monitor market conditions during the project's initial lease-up period. Note that Voucher support has been considered in determining these absorption projections and that these absorption projections may vary depending upon the amount of Voucher support the subject development ultimately receives.

It is our opinion that the proposed 37 LIHTC units at the subject site will experience an average initial absorption rate of approximately eight units per month and reach a stabilized occupancy of 93.0% within approximately four months.



H. Rental Housing Analysis (Supply)

1. <u>COMPETITIVE DEVELOPMENTS</u>

We identified and surveyed two non-subsidized family (general-occupancy) Low-Income Housing Tax Credit (LIHTC) properties within the Johnsonville Site PMA. These projects target households with incomes of up to 50% and 60% of Area Median Household Income (AMHI) and are considered competitive properties. In addition, we identified two LIHTC properties located outside of the Site PMA, but within the region in Conway that are also considered comparable to the proposed development. It should be noted that these two projects located outside of the Site PMA are not considered competitive with the proposed subject development, as they derive demographic support from a different geographical area. As such, these two LIHTC projects have been included for comparison purposes only. The four non-subsidized general-occupancy LIHTC projects within the market and region are summarized in the following table, along with the subject site:

Map I.D.	Project Name	Year Built/ Renovated	Total Units	Occ. Rate	Distance to Site	Waiting List	Target Market
Site	Yorkshire at the Providence	2018	37	_			Families; 50% & 60% AMHI
4	Highland Pointe Apts.	2015	48	100.0%	21.8 Miles	60 H.H.	Families; 50% & 60% AMHI
11	Palmetto Ridge Estates	2010	56	100.0%	21.9 Miles	35 H.H.	Families; 50% & 60% AMHI
901	New Legacy Apts.	1999 / 2011	90	100.0%	35.7 Miles	12 H.H.	Families; 50% & 60% AMHI
902	Crabtree Commons	2008	48	100.0%	29.0 Miles	5 H.H.	Families; 50% & 60% AMHI

OCC. – Occupancy H.H. – Households

Map IDs 901 & 902 are located outside the Site PMA

The four competitive/comparable LIHTC projects have a combined occupancy rate of 100.0%, all of which maintain waitlists. This illustrates that pent-up demand exists for additional affordable rental housing within both the market and region. The subject project will be able to accommodate a portion of this unmet demand.

The newest LIHTC property within the market, Highland Pointe Apartments (Map ID 4), opened in April 2015. This property began preleasing units in January 2015 and was 100.0% occupied upon opening, yielding an absorption rate of approximately 16 units per month. This is a very rapid rate for rental housing located within rural markets, demonstrating that new affordable product has been very well received within the Johnsonville Site PMA. This will bode very well for the demand of the subject units.



The gross rents for the competing/comparable projects and the proposed rents at the subject site, as well as their unit mixes and vacancies by bedroom are listed in the following table:

		G (I			
Map I.D.	Project Name	Two- Br.	Three- Br.	Four- Br.	Rent Special
Site	Yorkshire at the Providence	\$559/50% (3) \$594/60% (10)	\$673/50% (5) \$703/60% (19)	-	-
4	Highland Pointe Apts.	\$550/50% (16/0) \$575/60% (5/0)	\$676/50% (12/0) \$702/60% (6/0)	\$783/50% (9/0)	None
11	Palmetto Ridge Estates	\$574/50% (7/0) \$644/60% (31/0)	\$643/50% (7/0) \$713/60% (11/0)	-	None
901	New Legacy Apts.	\$674/50% (9/0) \$805/60% (33/0)	\$795/50% (9/0) \$947/60% (39/0)	-	None
902	Crabtree Commons	\$612/50% (8/0) \$732/60% (16/0)	\$727/50% (4/0) \$827/60% (20/0)	-	None

Map IDs 901 & 902 are located outside the Site PMA

The proposed gross subject rents, ranging from \$559 to \$703, will be some of the lowest LIHTC rents targeting similar income levels within the market and region. Combined with the fact that all competitive/comparable LIHTC projects are 100.0% occupied and maintain wait lists and the subject development will be at least three years newer than the competition, this will position the subject project at a competitive advantage.

The following table identifies the competitive/comparable LIHTC properties that accept Housing Choice Vouchers, as well as the approximate number of units occupied by residents utilizing Housing Choice Vouchers:

Map I.D.	Project Name	Total Units	Number of Vouchers	Share of Vouchers
4	Highland Pointe Apts.	48	3	6.3%
11	Palmetto Ridge Estates	56	5	8.9%
901	New Legacy Apts.	90	63	70.0%
902	Crabtree Commons	48	8	16.7%
	Total	242	79	32.6%

Map IDs 901 & 902 are located outside the Site PMA

As the preceding table illustrates, there are a total of approximately 79 Voucher holders residing at the comparable properties within the market and region. This comprises 32.6% of the 242 total comparable non-subsidized LIHTC units. As such, it can be concluded that these projects are relying on some Voucher support, but that a majority of the units are occupied by households paying the quoted rents.

One-page summary sheets, including property photographs of each comparable Tax Credit property, are included on the following pages.



4 Highland Pointe Apts.

21.8 miles to site

Address Highland Pointe Dr. Lake City, SC 29560

Phone (843) 374-0284 Contact Kim

Total Units 48 Vacancies 0 Percent Occupied 100.0%

Project Type Tax Credit

Year Open 2015 Floors 3

Concessions No Rent Specials

Age Restrictions NONE

Waiting List 60 households

 $\textbf{Ratings:} \quad \textbf{Quality} \quad B+ \qquad \quad \textbf{Neighborhood} \quad B \qquad \quad \textbf{Access/Visibility} \quad B/B$

Remarks 50% & 60% AMHI; HCV (3 units); Opened & 100% occupied 4/2015, began preleasing 1/2015; Unit mix

estimated



FEATURES AND UTILITIES

Utilities Landlord pays Trash

Unit Amenities Refrigerator, Range, Dishwasher, Disposal, Microwave, Central AC, Wood Flooring, Washer/Dryer Hook Up,

Ceiling Fan, Blinds

Project Amenities On-site Management, Laundry Facility, Club House, Playground, Computer Lab, Picnic Area

Parking Surface Parking

	UNIT CONFIGURATION													
BRs	BAs	TYPE	UNITS	VACANT	SQUARE FEET	\$ / SQ FT	COLLECTED RENT	AMHI						
2	2	G	5	0	1100	\$0.37	\$408	60%						
2	2	G	16	0	1100	\$0.35	\$383	50%						
3	2	G	6	0	1250	\$0.39	\$485	60%						
3	2	G	12	0	1250	\$0.37	\$459	50%						
4	2.5	G	9	0	1400	\$0.36	\$510	50%						

11 Palmetto Ridge Estates





Address 889 N. Matthews Rd. Lake City, SC 29560

Phone (843) 374-8998 Contact Diana

Total Units 56 Vacancies 0 Percent Occupied 100.0%

Project Type Tax Credit

Year Open 2010 Floors 2, 3

Concessions No Rent Specials

Age Restrictions NONE

Waiting List 35 households

Ratings: Quality B Neighborhood B Access/Visibility B/B

50% & 60% AMHI; HCV (5 units); HOME Funds (11 units at 50% AMHI); Square footage estimated by manager



FEATURES AND UTILITIES

Utilities Landlord pays Water, Sewer, Trash

Unit Amenities Refrigerator, Range, Dishwasher, Disposal, Microwave, Central AC, Carpet, Washer/Dryer Hook Up,

Patio/Deck/Balcony, Blinds

Project Amenities On-site Management, Laundry Facility, Club House, Fitness Center, Playground, Picnic Area

Parking Surface Parking

	UNIT CONFIGURATION													
BRs	BAs	TYPE	UNITS	VACANT	SQUARE FEET	\$ / SQ FT	COLLECTED RENT	AMHI						
2	1	G	31	0	1042	\$0.52	\$545	60%						
2	1	G	7	0	1042	\$0.46	\$475	50%						
3	1	G	11	0	1142	\$0.52	\$590	60%						
3	1	G	7	0	1142	\$0.46	\$520	50%						



901 New Legacy Apts.

35.7 miles to site



Address 204 Legacy Way Conway, SC 29526

Phone (843) 347-4701 Contact Mary

Total Units 90 Vacancies 0 Percent Occupied 100.0%

Project Type Tax Credit

Year Open 1999 Renovated 2011 Floors 3

Concessions No Rent Specials

Age Restrictions NONE

Waiting List 12 households

Ratings: Quality B Neighborhood B Access/Visibility

Remarks 50% & 60% AMHI; HCV (approx 63 units); 23 units have

patio/balcony; Random units have sunroom



FEATURES AND UTILITIES

Utilities Landlord pays Trash

Unit Amenities Refrigerator, Icemaker, Range, Dishwasher, Disposal, Microwave, Central AC, Carpet, Washer/Dryer Hook

Up, Patio/Deck/Balcony, Ceiling Fan, Blinds, Sunroom

Project Amenities On-site Management, Laundry Facility, Meeting Room, Playground

Parking Surface Parking

	UNIT CONFIGURATION													
BRs	BAs	TYPE	UNITS	VACANT	SQUARE FEET	\$ / SQ FT	COLLECTED RENT	AMHI						
2	2	G	33	0	1080	\$0.57	\$620	60%						
2	2	G	9	0	1080	\$0.45	\$489	50%						
3	2	G	39	0	1323	\$0.54	\$712	60%						
3	2	G	9	0	1323	\$0.42	\$560	50%						



902 Crabtree Commons

29.0 miles to site



Address 301 El Bethel Rd. Conway, SC 29527

Phone (843) 369-7367 Contact Mary

Total Units 48 Vacancies 0 Percent Occupied 100.0%

Project Type Tax Credit

Year Open 2008 Floors 2

Concessions No Rent Specials

Age Restrictions NONE

Waiting List 5 households

Ratings: Quality A- Neighborhood A Access/Visibility

Remarks 50% & 60% AMHI; HCV (8 units)



FEATURES AND UTILITIES

Utilities Landlord pays Trash, Cable

Unit Amenities Refrigerator, Icemaker, Range, Dishwasher, Microwave, Central AC, Carpet, Washer/Dryer Hook Up,

Patio/Deck/Balcony, Ceiling Fan, Blinds, Exterior Storage

Project Amenities On-site Management, Laundry Facility, Meeting Room, Fitness Center, Playground, Picnic Area, Gazebo

Parking Surface Parking

	UNIT CONFIGURATION													
BRs	BAs	TYPE	UNITS	VACANT	SQUARE FEET	\$ / SQ FT	COLLECTED RENT	AMHI						
2	2	G	16	0	974	\$0.60	\$585	60%						
2	2	G	8	0	974	\$0.48	\$465	50%						
3	2	G	20	0	1190	\$0.53	\$630	60%						
3	2	G	4	0	1190	\$0.45	\$530	50%						



The unit sizes (square footage) and number of bathrooms included in each of the different LIHTC unit types offered in the market and region are compared with the subject development in the following tables:

		Square Footage							
Map		Two-	Three-	Four-					
I.D.	Project Name	Br.	Br.	Br.					
Site	Yorkshire at the Providence	1,000	1,250	-					
4	Highland Pointe Apts.	1,100	1,250	1,400					
11	Palmetto Ridge Estates	1,042	1,142	-					
901	New Legacy Apts.	1,080	1,323	-					
902	Crabtree Commons	974	1,190	-					

Map IDs 901 & 902 are located outside the Site PMA

		N	umber of Bat	hs
Map I.D.	Project Name	Two- Br.	Three- Br.	Four- Br.
Site	Yorkshire at the Providence	2.0	2.0	-
4	Highland Pointe Apts.	2.0	2.0	2.5
11	Palmetto Ridge Estates	1.0	1.0	-
901	New Legacy Apts.	2.0	2.0	-
902	Crabtree Commons	2.0	2.0	-

Map IDs 901 & 902 are located outside the Site PMA

The proposed development will offer unit sizes, based on square footage and number of bathrooms offered, within the range of unit sizes offered at the comparable LIHTC projects within the market and region. Given that all comparable LIHTC projects are 100.0% occupied and the fact that the subject's unit sizes are competitively positioned, they are considered appropriate.

The following tables compare the amenities of the subject development with the other LIHTC projects in the market and region.



COMPARABLE PROPERTIES AMENITIES - JOHNSONVILLE, SC

		AP	PLI	ANC	CES								Ul	TIN	AM	ENI	TIE	S		
MAP ID	RANGE	REFRIGERATOR	ICEMAKER	DISHWASHER	DISPOSAL	MICROWAVE	CENTRAL AC	OA WOUNIM	FLOOR COVERING	WASHER AND DRYER	ANYOOH Q/M	PATIO/DECK/BALCONY	CEILING FAN	BASEMENT	INTERCOM	YTIRUJES	SLNEWLYELL MODNIM	E-CALL BUTTONS	PARKING	OTHER
SITE	X	X		X		X	X		С		X	X	X				В		S	Exterior Storage
4	X	X		X	X	X	X		W		X		X				В		S	
11	X	X		X	X	X	X		С		X	X					В		S	
901	X	X	X	X	X	X	X		С		X	S	X				В		S	Sunroom
902	X	X	X	X		X	X		С		X	X	X				В		S	Exterior Storage

									P	RO	JEC	TA	ME	NIT	IES				
MAP ID	T00d	ON-SITE MGMT	LAUNDRY	SENOH BUTO	COMMUNITY SPACE	FITNESS CENTER	JACUZZI / SAUNA	PLAYGROUND	TENNIS COURT	SPORTS COURT	STORAGE	ROTAVELE	SECURITY GATE	COMPUTER LAB	YAVAIT	PICNIC AREA	SOCIAL SERVICES	BUSINESS CENTER	OTHER
SITE		X	X	X	X	X		X						X		X			
4		X	X	X				X						X		X			
11		X	X	X		X		X								X			
901		X	X		X			X											
902		X	X		X	X		X								X			Gazebo



X - All Units

S - Some Units

O - Optional

Window Treatments
B - Blinds

C - Curtains D - Drapes Parking

A - Attached C - Carport

D - Detached O - On Street

S - Surface G - Parking Garage

(o) - Optional (s) - Some Sports Courts

B - Basketball D - Baseball Diamonds

P - Putting Green T - Tennis

V - Volleyball X - Multiple Floor Covering

C - Carpet H - Hardwood

V - Vinyl W - Wood

W - Wood T - Tile Community Space

A - Activity Room
L - Lounge/Gathering Room

T - Training Room



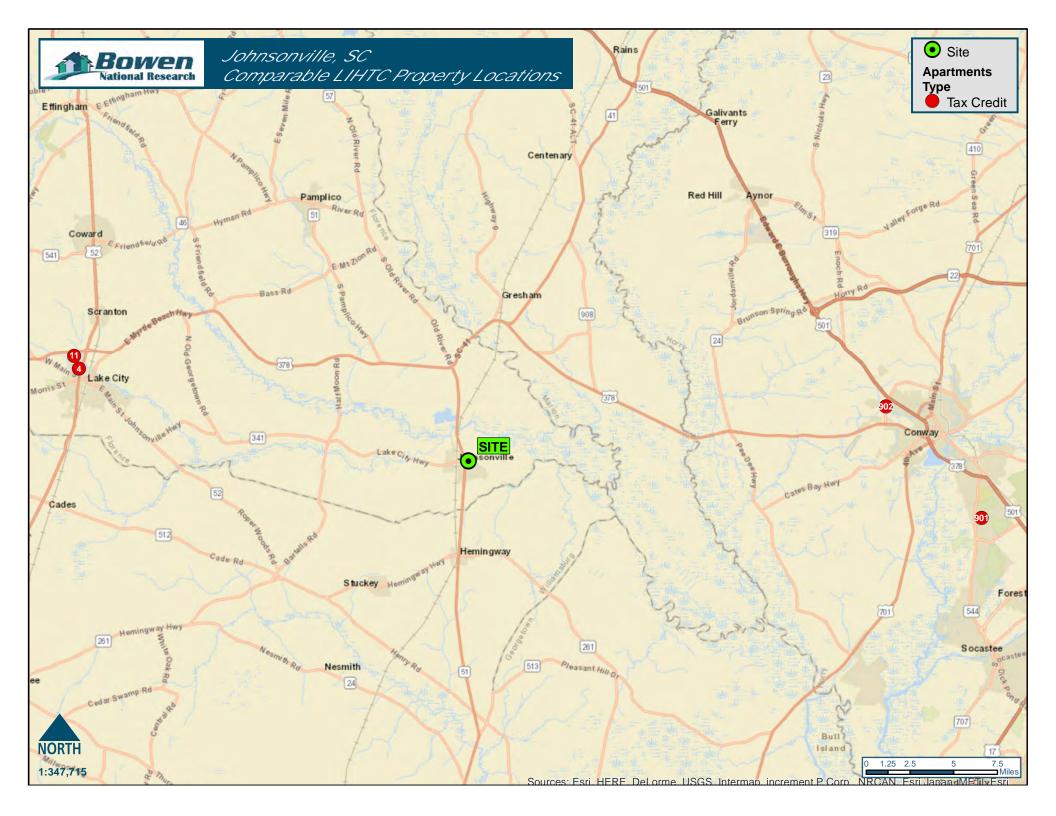
The amenity packages that will be included at the proposed subject development are considered to be comprehensive, offering a wide variety of both unit and project amenities. It is believed that these amenities will enable the subject project to compete well in the market. The subject development does not appear to lack any amenities that would hinder its ability to operate as a Tax Credit project.

Based on our analysis of the rents, unit sizes (square footage), amenities, location, quality and occupancy rates of the existing low-income properties within the market, it is our opinion that the subject development will be very competitive. The subject project will be the newest LIHTC project within the market, offering some of the lowest rents and a very comprehensive amenity package. It is believed that the combination of these attributes will give the proposed subject project a competitive advantage in the market. This will likely result in a relatively rapid absorption rate for the proposed subject project.

2. COMPARABLE TAX CREDIT PROPERTIES MAP

A map illustrating the location of the comparable properties we surveyed is on the following page.





3. RENTAL HOUSING OVERVIEW

The distributions of the area housing stock within the Johnsonville Site PMA in 2010 and 2016 (estimated) are summarized in the following table:

	2010 (0	Census)	2016 (Estimated)				
Housing Status	Number	Percent	Number	Percent			
Total-Occupied	8,365	86.9%	8,544	87.2%			
Owner-Occupied	5,717	68.3%	5,667	66.3%			
Renter-Occupied	2,648	31.7%	2,877	33.7%			
Vacant	1,264	13.1%	1,255	12.8%			
Total	9,629	100.0%	9,799	100.0%			

Source: 2010 Census; ESRI; Urban Decision Group; Bowen National Research

Based on a 2016 update of the 2010 Census, of the 9,799 total housing units in the market, 12.8% were vacant. In 2016, it was estimated that homeowners occupied 66.3% of all occupied housing units, while the remaining 33.7% were occupied by renters. The share of renters is considered typical for a rural market, such as the Johnsonville Site PMA, and the 2,877 renter households in 2016 represent a good base of potential support in the market for the subject development.

Due to the rural nature of the market, we identified and personally surveyed only 11 conventional housing projects containing a total of 397 units within the Site PMA. This survey was conducted to establish the overall strength of the rental market and to identify those properties most comparable to the subject site. These rentals have a combined occupancy rate of 100.0%, an excellent rate for rental housing. The following table summarizes project types identified in the Site PMA:

Project Type	Projects Surveyed	Total Units	Vacant Units	Occupancy Rate
Market-rate	1	24	0	100.0%
Tax Credit	2	104	0	100.0%
Tax Credit/Government-Subsidized	5	159	0	100.0%
Government-Subsidized	3	110	0	100.0%
Total	11	397	0	100.0%

As noted, all rental projects surveyed within the market are 100.0% occupied, the majority of which maintain waiting lists. This illustrates that significant pent-up demand exists for all types of rental housing within the market. The subject project will be able to accommodate a portion of this unmet demand.

A complete list of all properties surveyed is included in Addendum A, Field Survey of Conventional Rentals.



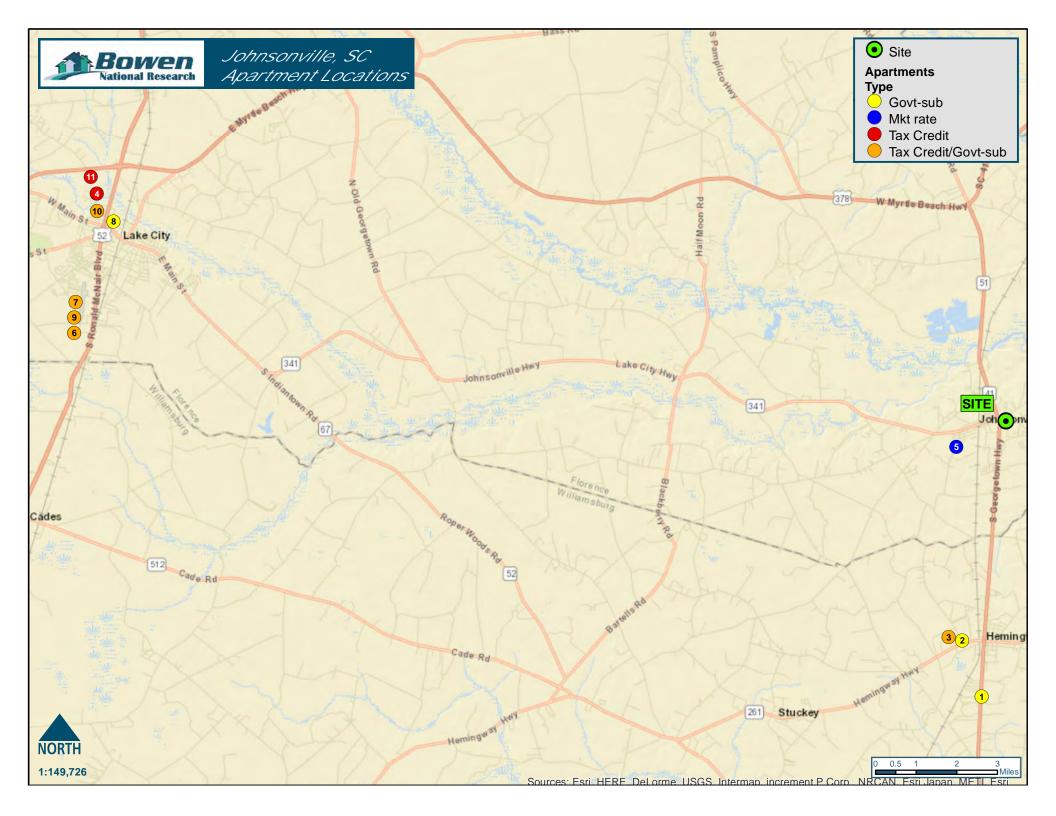
Non-subsidized Apartments (Region)

As already noted, the Johnsonville apartment market offers a limited range of rental product. In fact, there were only three non-subsidized (Tax Credit and market-rate) multifamily rental housing communities identified within the Site PMA. As such, it was necessary to identify and survey non-subsidized product outside of the Site PMA, but within the region in Conway and Florence. The four market-rate properties surveyed located outside the Site PMA, Reserve at Mill Creek (Map ID 903), Charles Pointe Apartments (Map ID 904), Sedgefield (Map ID 905) and Bentree Apartment Homes (Map ID 906), were built between 1980 and 2008. The two non-subsidized Tax Credit properties surveyed located outside of the Site PMA, New Legacy Apartments (Map ID 901) and Crabtree Commons (Map ID 902), were built between 1999 and 2008. The four marketrate projects comprise a total of 840 units and have a combined occupancy rate of 98.9%, while the two non-subsidized Tax Credit projects consist of 138 units and have a combined occupancy rate of 100.0%. These strong overall occupancy rates at the aforementioned properties indicate that they have been well received within the region and will serve as accurate benchmarks with which to compare to the subject project.

4. RENTAL HOUSING INVENTORY MAP

A map identifying the location of all properties surveyed within the Johnsonville Site PMA is on the following page.





5. & 6. PLANNED AND PROPOSED DEVELOPMENTS

Based on our interviews with local building and planning representatives, it was determined that there are no rental communities within the development pipeline in the market.

7. MARKET RENT ADVANTAGE

We identified one market-rate properties within the Johnsonville Site PMA that we consider most comparable to the subject development. Given the lack of market-rate product within the Site PMA, we identified four additional market-rate properties outside of the Site PMA, but within the region in Florence that we consider comparable to the subject development based on bedroom types offered. Note, adjustments for the differences between the Florence and Johnsonville markets have been made. These selected properties are used to derive market rent for a project with characteristics similar to the subject development. It is important to note that for the purpose of this analysis, we only select market-rate properties. Market-rate properties are used to determine rents that can be achieved in the open market for the subject units without maximum income and rent restrictions.

The basis for the selection of these projects includes, but is not limited to, the following factors:

- Surrounding neighborhood characteristics
- Target market (seniors, families, disabled, etc.)
- Unit types offered (garden or townhouse, bedroom types, etc.)
- Building type (single-story, mid-rise, high-rise, etc.)
- Unit and project amenities offered
- Age and appearance of property

Since it is unlikely that any two properties are identical, we adjust the collected rent (the actual rent paid by tenants) of the selected properties according to whether or not they compare favorably with the subject development. Rents of projects that have additional or better features than the subject site are adjusted negatively, while projects with inferior or fewer features are adjusted positively. For example, if the subject project does not have a washer and dryer and a selected property does, we lower the collected rent of the selected property by the estimated value of a washer and dryer so that we may derive a *market rent advantage* for a project similar to the subject project.

The rent adjustments used in this analysis are based on various sources, including known charges for additional features within the Site PMA, estimates made by area property managers and realtors, quoted rental rates from furniture rental companies and the prior experience of Bowen National Research in markets nationwide.



The proposed subject development and the five selected properties include the following:

					Unit Mix (Occupancy Rate)					
Map I.D.	Project Name	Year Built	Total Units	Occ. Rate	One- Br.	Two- Br.	Three- Br.			
Site	Yorkshire at the Providence	2018	37	-	-	13 (-)	24 (-)			
5	Spring Hill Apts.	2001	24	100.0%	8 (100.0%)	16 (100.0%)	-			
903	Reserve at Mill Creek	2008	268	98.9%	122 (100.0%)	122 (97.5%)	24 (100.0%)			
904	Charles Pointe Apts.	2001	168	99.4%	42 (97.6%)	114 (100.0%)	12 (100.0%)			
905	Sedgefield	1980	272	98.2%	67 (98.5%)	160 (98.1%)	45 (97.8%)			
906	Bentree Apt. Homes	1982	132	100.0%	36 (100.0%)	72 (100.0%)	24 (100.0%)			

Occ. – Occupancy

900 series Map IDs are located outside the Site PMA

The five selected market-rate projects have a combined total of 864 units with an overall occupancy rate of 99.0%, a strong rate for rental housing. This demonstrates that these comparable properties have been well received within the market and region and will serve as accurate benchmarks with which to compare to the subject project.

The Rent Comparability Grids on the following pages show the collected rents for each of the selected properties and illustrate the adjustments made (as needed) for various features and location or neighborhood characteristics, as well as quality differences that exist between the selected properties and the subject development.



Rent Comparability Grid

Unit Type →

TWO BEDROOM

Subject	Rent Comparability Grid		Unit Type -		TWO BED	TWO BEDROOM						
Congravon Highway & Chapman Drive Dobason-Will, SC Subject Dobason-Will, SC Data S.Adj S.Adj Data S.Adj S.Adj Data S.Adj S.Adj Data S.Adj	Subject		Comp #1		Comp	#2	Comp	#3	Comp	#4	Comp	#5
Design		Data	Spring Hill Apts.		Reserve at Mill Creek		Charles Poir	ite Apts.	Sedgefi	ield	Bentree Apt.	. Homes
Name Sadig Data Sadig Sadig Data Sadig S		on	263 S. Pir	ne St.	2350 Freedo	m Blvd.	201 Millsto	one Rd.	1300 Valpar	aiso Dr.	200 Bentre	ee Ln.
Stant Rent / Restricted? S\$5.0 S\$1.125 S\$6.5 S\$7.30 S\$	Johnsonville, SC	Subject	Johnsonvil	le, SC	Florence, SC		·		Florence	, SC	Florence	, SC
Design Location, Condition Data S.Adj Data	Ü			\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj
Design, Location, Condition			\$550		\$1,125		\$865		\$730		\$735	
Decign, Location, Condition	-		Jan-17		Jan-17		Jan-17		Jan-17		Jan-17	
B. Design, Location, Condition	-											
Design, Location, Condition	4 Occupancy for Unit Type								98%			
A Structure / Stories	5 Effective Rent & Rent/ sq. ft	+	\$550	0.65	\$1,125	1.00	\$865	0.87	\$730	0.65	\$735	0.86
V. P. Bullt VF. Renovated 2018 2001 \$17 2008 \$10 2001 \$17 1980 \$88 1982 \$0 \$0 \$15 \$E \$Condition Nirver Appeal E \$G \$15 \$E \$Condition Nirver Appeal E \$G \$15 \$E \$Condition Nirver Appeal E \$G \$Condition Nirver Appeal \$Condition Nirver	8 / /			\$ Adj		\$ Adj		\$ Adj		\$ Adj		\$ Adj
Condition Street Appeal			WU/1,2						WU/2			
Same Market?						\$10		_				\$36
10 Sume Market? Yes			G	\$15	Е					\$30		\$15
C		G			Е		E					
11 Flectrooms	10											(\$110)
12 Hatles				\$ Adj		\$ Adj		\$ Adj		\$ Adj		\$ Adj
13 Unit Interior Sq. Ft. 1000 850 \$30 1130 (\$26) 1000 1125 (\$25) 850 14 Balcony/ Patio Y				<u> </u>								1
A Balcomy/ Patio			1									\$15
15 AC: Central/ Wall				\$30		(\$26)				(\$25)		\$30
16 Range/Refrigerator R/F R/			-									
17 Microwave/ Dishwasher												
18 Washer/Dryer	0 0											
Floor Coverings				\$15						\$5		\$5
Description	· ·	HU/L	HU/L		HU/L		HU	\$5	HU/L			\$10
Intercom/Security System	19 Floor Coverings	C	C		C		C		C		C	
22 Garbage Disposal N	20 Window Coverings	В	В		В		В		В		В	
Ceiling Fans/Exterior Storage Y/Y N/N \$10 Y/Y N/Y SAdj Data SAdj D	21 Intercom/Security System	N/N	N/N		N/N		N/N		N/N		N/N	
D Site Equipment Amenities Data \$ Adj Data Da		N	N		Y	(\$5)	Y	(\$5)	Y	(\$5)	Y	(\$5)
24 Parking (\$ Fee)		Y/Y	N/N	\$10	Y/Y							\$5
25 On-Site Management			-	\$ Adj		\$ Adj		\$ Adj		\$ Adj		\$ Adj
26 Security Gate	,											
27 Clubhouse/ Meeting Space Y N \$5 Y N \$5 Y 28 Pool/ Recreation Areas F N \$5 P/F \$(\$10) P/F \$(\$10) P/S \$(\$8) P 29 Computer/Business Center Y N \$3 Y N \$3 N 30 Picnic Area Y N \$3 Y Y Y Y Y Y 31 Playground Y Y Y Y Y Y Y Y Y												
28 Pobl/ Recreation Areas F N \$5 P/F (\$10) P/F (\$10) P/S (\$8) P						(\$5)						
29 Computer/Business Center Y												
30 Picnic Area Y						(\$10)		, ,		- ' '		(\$5)
31 Playground								\$3		\$3		\$3
N	**			\$3								\$3
Data SAdj	• 0		-									
33 Heat (in rent?/ type) N/E	32 Social Services	N		φ A 3!		Ø 4 32		Ø 4.32		Ø A 32		¢ 4 3.
34 Cooling (in rent?/ type) N/E N/E<		NI/E	-	ъ Aaj		ъ Aaj		ъ Aaj		₹ Aaj		\$ Adj
35 Cooking (in rent?/ type) N/E N/G 36 Hot Water (in rent?/ type) N/E N/E N/E N/E N/E N/E N/G 37 Other Electric N N N N N N N N N N N N N N N N N N												
36 Hot Water (in rent?/ type) N/E N/E N/E N/E N/E N/E N/E N/G 37 Other Electric N N N N N N N N N N N N N N N N N N/N												
37 Other Electric												
38 Cold Water/ Sewer N/N Y/Y (\$68) N/N												
39 Trash / Recycling				(0.0)								
F. Adjustments Recap Pos Neg Pos				(\$68)		¢15						
40 # Adjustments B to D 10 1 6 5 4 5 4 9 41 Sum Adjustments B to D \$133 \$10 (\$225) \$45 (\$155) \$81 (\$148) \$122 42 Sum Utility Adjustments (\$68) \$15		Y/IN		Non				Neg		Non		Neg
41 Sum Adjustments B to D \$133 \$10 (\$225) \$45 (\$155) \$81 (\$148) \$122 42 Sum Utility Adjustments (\$68) \$15 Strong				ritg								3
42 Sum Utility Adjustments (\$68) \$15 Sum Utility Adjustments Net Gross Net Adj. Se0 \$200 (\$67) \$229 \$2 \$2 Adj. Rent Adj. Rent												(\$120)
Net Gross Net Gross Net Gross Net Gross Net Gross Net Gross Net	•		φ133	(\$68)		(ψΔΔ3)	φ43	(ψ133)	φ01	(4140)	φ122	(\$120)
43 Net/ Gross Adjints B to E \$65 \$201 (\$200) \$250 (\$110) \$200 (\$67) \$229 \$2 G. Adjusted & Market Rents Adj. Rent Adj. Rent <td>72 Sum Cunty Aujusulicius</td> <td></td> <td>Net</td> <td></td> <td></td> <td>Gross</td> <td>Net</td> <td>Gross</td> <td>Net</td> <td>Gross</td> <td>Net</td> <td>Gross</td>	72 Sum Cunty Aujusulicius		Net			Gross	Net	Gross	Net	Gross	Net	Gross
G. Adjusted & Market Rents Adj. Rent Adj. Ren	43 Net/ Gross Adimts B to E											\$242
44 Adjusted Rent (5+ 43) \$615 \$925 \$755 \$663 \$737	v											<u> </u>
	*											
				112%	,	82%		87%		91%		100%
46 Estimated Market Rent \$665 \$0.67 ← Estimated Market Rent/ Sq. Ft		\$665	\$0.67◀		Estimated Me		t/ Sq. Ft					

Rent Comparability Grid

Unit Type →

THREE BEDROOM

	Subject		Comp #1		Comp	#2	Comp	#3	Comp #4		Comp #5	
	Yorkshire at the Providence	Data	Spring Hill	Apts.	Reserve at M	ill Creek	Charles Poin	ite Apts.	Sedgefi	eld	Bentree Apt.	. Homes
	Georgetown Highway & Chapman Drive	on	263 S. Pir	ne St.	2350 Freedo	m Blvd.	201 Millsto	one Rd.	1300 Valpar	aiso Dr.	200 Bentre	ee Ln.
	Johnsonville, SC	Subject	Johnsonvil	le, SC	Florence		Florence	, SC	Florence	, SC	Florence	, SC
A.	Rents Charged		Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj
1	\$ Last Rent / Restricted?		\$550		\$1,395		\$1,020		\$825		\$840	
2	Date Surveyed		Jan-17		Jan-17		Jan-17		Jan-17		Jan-17	
3	Rent Concessions		None		None		None		None		None	
4	Occupancy for Unit Type		100%		100%		100%		98%		100%	
5	Effective Rent & Rent/ sq. ft	+	\$550	0.65	\$1,395	1.09	\$1,020	0.83	\$825	0.61	\$840	0.76
В.	Design, Location, Condition		Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj
6	Structure / Stories	WU/2	WU/1,2		WU/3		WU/3		WU/2		WU/2	
7	Yr. Built/Yr. Renovated	2018	2001	\$17	2008	\$10	2001	\$17	1980	\$38	1982	\$36
8	Condition /Street Appeal	E	G	\$15	Е		G	\$15	F	\$30	G	\$15
9	Neighborhood	G	G		Е	(\$10)	Е	(\$10)	G		G	
10	Same Market?		Yes		No	(\$209)	No	(\$153)	No	(\$124)	No	(\$126)
C.	Unit Equipment/ Amenities		Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj
11	# Bedrooms	3	2	\$50	3		3		3		3	
12	# Baths	2	1	\$30	2		2		2		2	
13	Unit Interior Sq. Ft.	1250	850	\$80	1285	(\$7)	1230	\$4	1350	(\$20)	1100	\$30
14	Balcony/ Patio	Y	Y		Y		Y		Y		Y	
15	AC: Central/ Wall	C	С		C		С		С		C	
16	Range/ Refrigerator	R/F	R/F		R/F		R/F		R/F		R/F	
17	Microwave/ Dishwasher	Y/Y	N/N	\$15	Y/Y		Y/Y		N/Y	\$5	N/Y	\$5
18	Washer/Dryer	HU/L	HU/L		HU/L		HU	\$5	HU/L		HU/L	
19	Floor Coverings	C	С		C		C		C		С	
20	Window Coverings	В	В		В		В		В		В	
21	Intercom/Security System	N/N	N/N		N/N		N/N		N/N		N/N	
22	Garbage Disposal	N	N		Y	(\$5)	Y	(\$5)	Y	(\$5)	Y	(\$5)
23	Ceiling Fans/Exterior Storage	Y/Y	N/N	\$10	Y/Y		Y/Y		Y/Y		Y/N	\$5
D	Site Equipment/ Amenities	T 075/00	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj	Data	\$ Adj
24	Parking (\$ Fee)	LOT/\$0	LOT/\$0		LOT/\$0		LOT/\$0		LOT/\$0		LOT/\$0	
25	On-Site Management	Y	Y		Y	(0.5)	Y		Y		Y	
26	Security Gate	N	N	¢ <i>E</i>	Y	(\$5)	N N	Φ <i>E</i>	N N	¢ =	N Y	
27	Clubhouse/ Meeting Space Pool/ Recreation Areas	Y F	N	\$5 \$5	P/F	(\$10)	P/F	\$5 (\$10)	P/S	\$5	P	(0.5)
28	Computer/Business Center	Y	N N	\$3	Y	(\$10)	N	\$3	N	(\$8)	N	(\$5) \$3
29	Picnic Area	Y	N N	\$3	Y		Y	\$3	Y	\$3	N N	\$3
30	Playground	Y	Y	φ٥	Y		Y		Y		Y	وه
31	Social Services	N N	N N		N N		N N		N N		N N	
32 E.	Utilities Utilities	11	Data N	\$ Adj	Data Data	\$ Adj	Data Data	\$ Adj	Data Data	\$ Adj	Data Data	\$ Adj
_	Heat (in rent?/ type)	N/E	N/E	+ - 	N/E	+	N/E	+ - 200,	N/E	+ - 	N/G	+ - x ···J
	Cooling (in rent?/ type)	N/E	N/E		N/E		N/E		N/E		N/E	
	Cooking (in rent?/ type)	N/E	N/E		N/E		N/E		N/E		N/G	
	Hot Water (in rent?/ type)	N/E	N/E		N/E		N/E		N/E		N/G	
37	Other Electric	N	N		N		N		N		N	
38	Cold Water/ Sewer	N/N	Y/Y	(\$94)	N/N		N/N		N/N		N/N	
39	Trash /Recycling	Y/N	Y/N	. ,	N/N	\$15	Y/N		Y/N		Y/N	
F.	Adjustments Recap		Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
40	# Adjustments B to D		11		1	6	6	4	5	4	7	3
41	Sum Adjustments B to D		\$233		\$10	(\$246)	\$49	(\$178)	\$81	(\$157)	\$97	(\$136)
42	Sum Utility Adjustments			(\$94)	\$15							
			Net	Gross	Net	Gross	Net	Gross	Net	Gross	Net	Gross
43	Net/ Gross Adjmts B to E		\$139	\$327	(\$221)	\$271	(\$129)	\$227	(\$76)	\$238	(\$39)	\$233
G.	Adjusted & Market Rents		Adj. Rent		Adj. Rent		Adj. Rent		Adj. Rent		Adj. Rent	
44	Adjusted Rent (5+43)		\$689	4.5.	\$1,174		\$891	a=	\$749		\$801	
45	Adj Rent/Last rent			125%		84%		87%		91%		95%
46	Estimated Market Rent	\$750	\$0.60←		Estimated Ma	rket Ren	t/ Sq. Ft					

Once all adjustments to collected rents were made, the adjusted rents for each comparable were used to derive an achievable market rent for each bedroom type. Each property was considered and weighed based upon its proximity to the subject site and its amenities and unit layout compared to the subject site.

Based on the preceding Rent Comparability Grids, it was determined that the current achievable market rents for units similar to the subject development are \$665 for a two-bedroom unit and \$750 for a three-bedroom unit. The following table compares the proposed collected rents at the subject site with achievable market rents for selected units:

Bedroom Type	% AMHI	Proposed Achievable Collected Rent Market Rent		Market Rent Advantage				
Two-Br.	50%	\$395	\$665	40.60%				
Two-Br.	60%	\$430	\$665	35.34%				
Three-Br.	50%	\$460	\$750	38.67%				
Three-Br.	60%	\$490	\$750	34.67%				
Weighted Average 35.84%								

Typically, Tax Credit rents should represent market rent advantages around 10.0% in order to be considered a value in most markets. Therefore, the proposed subject rents will likely be perceived as substantial values within the Johnsonville Site PMA, as they represent market rent advantages ranging from 34.67% to 40.60%, depending upon bedroom type and targeted income level.

None of the selected properties offer the same amenities as the subject property. As a result, we have made adjustments to the collected rents to reflect the differences between the subject property and the selected properties. The following are explanations (preceded by the line reference number on the comparability grid table) for each rent adjustment made to each selected property.

- Rents for each property are reported as collected rents. This is the actual rent paid by tenants and does not consider tenant-paid utilities. The rent reported is typical and does not consider rent concessions or special promotions.
- 7. Upon completion of construction, the subject project will be the newest property in the market. The comparable properties were built between 1980 and 2008. As such, we have adjusted the rents at the selected properties by \$1 per year to reflect the age of these properties.
- 8. It is anticipated that the subject project will have a quality finished look and an attractive aesthetic appeal. We have made adjustments for those properties that we consider to have an inferior quality compared to the subject development.



- 9. Two of the comparable properties are considered to be in more desirable neighborhoods than the subject site's neighborhood. As a result, we made negative adjustments to reflect these differences.
- 10. As previously stated, four of the selected properties are located outside of the Johnsonville Site PMA in Florence. The Florence market is much larger than Johnsonville in terms of population, community services and apartment selections. Given the difference in markets, the rents that are achievable in Florence will not directly translate to the Johnsonville market. Therefore, we have adjusted each collected rent at these comparable projects by approximately 15.0% to account for these market differences.
- 11. We have made adjustments for the differences in the number of bedrooms offered at the selected market-rate projects due to the fact that not all of the selected properties offer three-bedroom units. A conservative adjustment of \$50 per bedroom was used to reflect this difference.
- 12. The number of bathrooms offered at each of the selected properties varies. We have made adjustments to reflect the difference in the number of bathrooms offered at the site and the number offered by the comparable properties.
- 13. The adjustment for differences in square footage is based upon the average rent per square foot among the comparable properties. Since consumers do not value extra square footage on a dollar for dollar bases, we have used 25% of the average for this adjustment.
- 14.-23. The subject project will offer a unit amenity package generally similar to the selected properties. We have, however, made adjustments for features lacking at the selected properties, and in some cases, we have made adjustments for features the subject property does not offer.
- 24.-32. The subject project offers a comprehensive project amenities package; however, it is generally inferior to those offered at the selected market-rate properties. We have made monetary adjustments to reflect the difference between the subject project's and the selected properties' project amenities.
- 33.-39. We have made adjustments to reflect the differences between the subject project's and the selected properties' utility responsibility. The utility adjustments were based on the local housing authority's utility cost estimates.



8. AFFORDABLE HOUSING IMPACT

The anticipated occupancy rates of the two competitive Tax Credit developments located within the Site PMA following stabilization of the subject property are as follows:

Map I.D.	Project	Current Occupancy Rate	Anticipated Occupancy Rate Through 2018*
4	Highland Pointe Apts.	100.0%	95.0%+
11	Palmetto Ridge Estates	100.0%	95.0%+

^{*}Anticipated year of opening at the subject project

The subject project is not expected to have a negative impact on the existing Tax Credit projects within the Site PMA, which are both 100.0% occupied and maintain extensive wait lists of between 35 and 60 households. Overall, we believe there is sufficient demographic support for all existing and proposed Tax Credit units in the market and no long-term negative impact is expected on such units should the subject project receive Tax Credit allocations and is developed as proposed in this analysis.

9. OTHER HOUSING OPTIONS (BUY VERSUS RENT)

According to ESRI, the median home value within the Site PMA was \$78,043. At an estimated interest rate of 4.5% and a 30-year term (and 95% LTV), the monthly mortgage for a \$78,043 home is \$470, including estimated taxes and insurance.

Buy Versus Rent Analysis							
Median Home Price - ESRI	\$78,043						
Mortgaged Value = 95% of Median Home Price	\$74,141						
Interest Rate - Bankrate.com	4.5%						
Term	30						
Monthly Principal & Interest	\$376						
Estimated Taxes and Insurance*	\$94						
Estimated Monthly Mortgage Payment	\$470						

^{*}Estimated at 25% of principal and interest

In comparison, the collected Tax Credit rents at the subject property range from \$395 to \$490 per month, depending on unit size and targeted income level. Therefore, the cost of a monthly mortgage for a typical home in the area is no more than \$75 greater than renting at the subject site, where in some cases, it is \$20 less than renting at the subject project. While some tenants may choose to purchase a home, the number of tenants who would be able to afford the down payment is considered minimal. In addition, with a median home price of \$78,043, the majority of the housing stock consists of older single-family homes that would likely require greater maintenance and corresponding costs. Further, homes at the aforementioned price point are not likely to include a comprehensive amenities package such as that offered at the proposed development. Therefore, we do not anticipate any competitive impact on or from the homebuyer market.



10. HOUSING VOIDS

As indicated throughout this section of the report, all rental properties surveyed within the market are 100.0% occupied, the majority of which maintain waiting lists. This illustrates that pent-up demand exists for all rental housing types within the Johnsonville Site PMA. Specifically, the two competitive LIHTC projects within the market maintain extensive wait lists of between 35 and 60 households. The subject project will provide an affordable rental housing alternative to low-income renter households that is lacking availability within the market. This will likely result in a relatively rapid absorption rate for the proposed subject project.



I. Interviews

The following are summaries of interviews conducted with various government and private sector individuals:

- Ashley Lewis, Property Manager of Hemingway Apartments (Map ID 1), a government-subsidized community in Hemingway, stated that she has been at the property for five years and there has always been an extensive wait list. As such, Ms. Lewis believes there is a huge need for additional affordable housing within the region.
- Diane Ahmed, Property Manager of Palmetto Ridge Estates (Map ID 11), a Tax Credit development in Lake City, stated that both the Lake City and Johnsonville areas are in need of more affordable housing, particularly one- and two-bedroom apartments. Ms. Ahmed explained that there are very little options for rental housing, let alone affordable rental housing within the region.
- Lashada Linder, Property Manager of Palmetto Estates (Map ID 2), a government-subsidized community in Hemingway, stated that Johnsonville and Hemingway are such small rural towns that affordable housing is the only type of housing that makes sense for the area and that there is definitely a need for more. Ms. Linder stated that newer two-bedroom units would do well in Johnsonville and Hemingway. Ms. Linder explained that she is only aware of about two affordable properties in Johnsonville and the next closest option would be Lake City.
- According to Faye Grice, Housing Choice Voucher Coordinator with the Housing Authority of Florence, which has jurisdiction within all areas of Florence County, there is a need for more affordable housing, not only because of the length of the wait list (which has over 7,800 households), but there is only a 67% success rate to find housing. Ms. Grice also mentioned that two- and three-bedrooms are most needed. (843) 669-4163



J. Recommendations

Based on the findings reported in our market study, it is our opinion that a market exists for the 37 units proposed at the subject site, assuming it is developed as detailed in this report. Changes in the project's site, rents, amenities or opening date may alter these findings.

The project will be competitive within the market area in terms of unit amenities and unit sizes, and the proposed rents will be perceived as significant values in the marketplace. In fact, the proposed rents will be some of the lowest rents compared to those offered at the comparable LIHTC projects in the market and region, providing the subject project with a competitive advantage. This is demonstrated in Section IV.

Given that both competitive LIHTC developments within the Site PMA are 100.0% occupied and maintain extensive waiting lists, the subject project will offer an affordable housing alternative to low-income households that is lacking availability in the area. As shown in the Project Specific Demand Analysis section of this report, with an overall capture rate of 17.5% (SC Housing threshold is 30%) of incomequalified renter households in the market, there is significant support for the subject development. Therefore, it is our opinion that the subject project will have no impact on the existing Tax Credit developments in the Site PMA.



K. Signed Statement Requirement

I affirm that I have made a physical inspection of the market and surrounding area and the information obtained in the field has been used to determine the need and demand for LIHTC units. I understand that any misrepresentation of this statement may result in the denial of further participation in the South Carolina State Housing Finance and Development Authority's programs. I also affirm that I have no financial interest in the project or current business relationship with the ownership entity and my compensation is not contingent on this project being funded. This report was written according to the SCSHFDA's market study requirements. The information included is accurate and can be relied upon by SCSHFDA to present a true assessment of the low-income housing rental market.

Certified:

Patrick M. Bowen

President/Market Analyst

Bowen National Research

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Pickerington, OH 43147

(614) 833-9300

patrickb@bowennational.com

Date: February 10, 2017

Garth Semple

Market Analyst

garths@bowennational.com

Date: February 10, 2017

Jack Wiseman

Market Analyst

jackw@bowennational.com

Date: February 10, 2017

L. Qualifications

The Company

Bowen National Research employs an expert staff to ensure that each market study is of the utmost quality. Each staff member has hands-on experience evaluating sites and comparable properties, analyzing market characteristics and trends, and providing realistic recommendations and conclusions. The Bowen National Research staff has the expertise to provide the answers for your development.

Company Leadership

Patrick Bowen is the President of Bowen National Research. He has prepared and supervised thousands of market feasibility studies for all types of real estate products, including affordable family and senior housing, multifamily market-rate housing and student housing, since 1996. He has also prepared various studies for submittal as part of HUD 221(d)(3) & (4), HUD 202 developments and applications for housing for Native Americans. He has also conducted studies and provided advice to city, county and state development entities as it relates to residential development, including affordable and market rate housing, for both rental and for-sale housing. Mr. Bowen has worked closely with many state and federal housing agencies to assist them with their market study guidelines. Mr. Bowen has his bachelor's degree in legal administration (with emphasis on business and law) from the University of West Florida.

Desireé Johnson is the Director of Operations at Bowen National Research. Ms. Johnson is involved in the day-to-day communication with clients. She has been involved in extensive market research in a variety of project types since 2006. Ms. Johnson has the ability to research, find, analyze and manipulate data in a multitude of ways. Ms. Johnson has an Associate of Applied Science in Office Administration from Columbus State Community College.

Market Analysts

Lisa Goff, Market Analyst, has conducted site-specific analyses in both rural and urban markets throughout the country. She is also experienced in the day-to-day operation and financing of Low-Income Housing Tax Credit and subsidized properties, which gives her a unique understanding of the impact of housing development on current market conditions.

Luke Mortensen, Market Analyst, is experienced in the assessment of housing operating under various programs throughout the country, as well as other development alternatives. He is also experienced in evaluating projects in the development pipeline and economic trends. Mr. Mortensen received his Bachelor's Degree in Sports Leadership and Management from Miami University.



Jeff Peters, Market Analyst, has conducted on-site inspection and analysis for rental properties throughout the country. He is familiar with multiple types of rental housing programs, the day-to-day interaction with property managers and leasing agents and the collection of pertinent property details. Mr. Peters graduated from The Ohio State University with a Bachelor of Arts in Economics.

Gregory Piduch, Market Analyst, has conducted site-specific analyses in both metro and rural areas throughout the country. He is familiar with multiple types of rental housing programs, the day-to-day interaction with property managers and leasing agents and the collection of pertinent property details. Mr. Piduch holds a Bachelor of Arts in Communication and Rhetoric from the University of Albany, State University of New York and a Master of Professional Studies in Sports Industry Management from Georgetown University.

Craig Rupert, Market Analyst, has conducted market analysis in both urban and rural markets throughout the United States since 2010. Mr. Rupert is experienced in the evaluation of multiple types of housing programs, including market-rate, Tax Credit and various government subsidies and uses this knowledge and research to provide both qualitative and quantitative analysis. Mr. Rupert has a degree in Hospitality Management from Youngstown State University.

Garth Semple, Market Analyst, has surveyed both urban and rural markets throughout the country. He is trained to understand the nuances of various rental housing programs and their construction and is experienced in the collection of rental housing data from leasing agents, property managers, and other housing experts within the market. Mr. Semple graduated from Elizabethtown College and has a Bachelor of Arts degree in Sociology.

Jack Wiseman, Market Analyst, has conducted extensive market research in over 200 markets throughout the United States since 2007. He provides thorough evaluation of site attributes, area competitors, market trends, economic characteristics and a wide range of issues impacting the viability of real estate development. He has evaluated market conditions for a variety of real estate alternatives, including affordable and market-rate apartments, retail and office establishments, student housing, and a variety of senior residential alternatives. Mr. Wiseman has a Bachelor of Arts degree in Economics from Miami University.

Elijah Wright, Market Analyst, has conducted site-specific analyses in both metro and rural areas throughout the country. He is familiar with multiple types of rental housing programs, the day-to-day interaction with property managers and leasing agents and the collection of pertinent property details. Mr. Wright holds a Bachelor of Arts degree in Integrated Media from Ohio University.



Research Staff

Bowen National Research employs a staff of in-house researchers who are experienced in the surveying and evaluation of all rental and for-sale housing types, as well as in conducting interviews and surveys with city officials, economic development offices, chambers of commerce, housing authorities and residents.

Stephanie Viren is the Research and Travel Coordinator at Bowen National Research. Ms. Viren focuses on collecting detailed data concerning housing conditions in various markets throughout the United States. Ms. Viren has extensive interviewing skills and experience and also possesses the expertise necessary to conduct surveys of diverse pools of respondents regarding population and housing trends, housing marketability, economic development and other socioeconomic issues relative to the housing industry. Ms. Viren's professional specialty is condominium and senior housing research. Ms. Viren earned a Bachelor of Arts in Business Administration from Heidelberg College.

Kelly Wiseman, Research Specialist Director, has significant experience in the evaluation and surveying of housing projects operating under a variety of programs. In addition, she has conducted numerous interviews with experts throughout the country, including economic development, planning, housing authorities and other stakeholders.

June Davis, Office Manager of Bowen National Research, has been in the market feasibility research industry since 1988. Ms. Davis has overseen production on over 20,000 market studies for projects throughout the United States.



M. Methodologies, Disclaimers & Sources

This market feasibility analysis complies with the requirements established by the South Carolina State Housing Finance and Development Authority (SCSHFDA) and conforms to the standards adopted by the National Council of Housing Market Analysts (NCHMA). These standards include the acceptable definitions of key terms used in market studies for affordable housing projects and model standards for the content of market studies for affordable housing projects. The standards are designed to enhance the quality of market studies and to make them easier to prepare, understand and use by market analysts and end users.

1. METHODOLOGIES

Methodologies used by Bowen National Research include the following:

• The Primary Market Area (PMA) generated for the proposed site is identified. The PMA is generally described as the smallest geographic area expected to generate most of the support for the proposed project. PMAs are not defined by a radius. The use of a radius is an ineffective approach because it does not consider mobility patterns, changes in the socioeconomic or demographic character of neighborhoods or physical landmarks that might impede development.

PMAs are established using a variety of factors, including, but not limited to:

- A detailed demographic and socioeconomic evaluation
- Interviews with area planners, realtors and other individuals who are familiar with area growth patterns
- A drive-time analysis for the site
- Personal observations of the field analyst
- A field survey of modern apartment developments is conducted. The intent
 of the field survey is twofold. First, the field survey is used to measure the
 overall strength of the apartment market. This is accomplished by an
 evaluation of the unit mix, vacancies, rent levels and overall quality of
 product. The second purpose of the field survey is to establish those projects
 that are most likely directly comparable to the proposed property.
- Two types of directly comparable properties are identified through the field survey. They include other Section 42 LIHTC developments and market-rate developments that offer unit and project amenities similar to those of the proposed development. An in-depth evaluation of these two property types provides an indication of the potential of the proposed development.



- Economic and demographic characteristics of the area are evaluated. An economic evaluation includes an assessment of area employment composition, income growth (particularly among the target market), building statistics and area growth perceptions. The demographic evaluation uses the most recently issued Census information and projections that determine what the characteristics of the market will be when the proposed project opens and achieves a stabilized occupancy.
- Area building statistics and interviews with officials familiar with area development provide identification of the properties that might be planned or proposed for the area that will have an impact on the marketability of the proposed development. Planned and proposed projects are always in different stages of development. As a result, it is important to establish the likelihood of construction, the timing of the project and its impact on the market and the proposed development.
- An analysis of the proposed project's market capture of income-appropriate renter households within the PMA is conducted. This analysis follows SCSHFDA's methodology for calculating potential demand. The resulting capture rates are compared with acceptable market capture rates for similar types of projects to determine whether the proposed development's capture rate is achievable.
- Achievable market rent for the proposed subject development is determined.
 Using a Rent Comparability Grid, the features of the proposed development
 are compared item by item to the most comparable properties in the market.
 Adjustments are made for each feature that differs from that of the proposed
 subject development. These adjustments are then included with the collected
 rent resulting in an achievable market rent for a unit comparable to the
 proposed unit. This analysis is done for each bedroom type proposed for the
 site.

Please note that non-numbered items in this report are not required by SCSHFDA; they have been included, however, based on Bowen National Research's opinion that it is necessary to consider these details to effectively address the development potential of proposed projects.



2. REPORT LIMITATIONS

The intent of this report is to collect and analyze significant levels of data to forecast the market success of the subject property within an agreed to time period. Bowen National Research relies on a variety of sources of data to generate this report. These data sources are not always verifiable; Bowen National Research, however, makes a significant effort to ensure accuracy. While this is not always possible, we believe our effort provides an acceptable standard margin of error. Bowen National Research is not responsible for errors or omissions in the data provided by other sources.

The reported analyses, opinions and conclusions are limited only by the reported assumptions and limiting conditions and are our personal, unbiased professional analyses, opinions and conclusions. We have no present or prospective interest in the property that is the subject of this report, and we have no personal interest or bias with respect to the parties involved. Our compensation is not contingent on an action or event (such as the approval of a loan) resulting from the analyses, opinions, conclusions in or the use of this study.

Any reproduction or duplication of this report without the express approval of Bowen National Research is strictly prohibited.

3. SOURCES

Bowen National Research uses various sources to gather and confirm data used in each analysis. These sources, which are cited throughout this report, include the following:

- The 2000 and 2010 Census on Housing
- American Community Survey
- ESRI
- Urban Decision Group (UDG)
- Applied Geographic Solutions
- Area Chamber of Commerce
- U.S. Department of Labor
- U.S. Department of Commerce
- Management for each property included in the survey
- Local planning and building officials
- Local housing authority representatives
- South Carolina State Housing Finance and Development Authority



ADDENDUM A: FIELD SURVEY OF CONVENTIONAL RENTALS

JOHNSONVILLE, SOUTH CAROLINA

The following section is a field survey of conventional rental properties. These properties were identified through a variety of sources including area apartment guides, yellow page listings, government agencies, the Chamber of Commerce, and our own field inspection. The intent of this field survey is to evaluate the overall strength of the existing rental market, identify trends that impact future development, and identify those properties that would be considered most comparable to the subject site.

The field survey has been organized by the type of project surveyed. Properties have been color coded to reflect the project type. Projects have been designated as market-rate, Tax Credit, government-subsidized, or a combination of the three project types. The field survey is organized as follows:

- A color-coded map indicating each property surveyed and the project type followed by a list of properties surveyed.
- Properties surveyed by name, address, telephone number, project type, year built or renovated (if applicable), number of floors, total units, occupancy rate, quality rating, rent incentives, and Tax Credit designation. Housing Choice Vouchers and Rental Assistance are also noted here. Note that projects are organized by project type.
- Distribution of non-subsidized and subsidized units and vacancies in properties surveyed.
- Listings for unit and project amenities, parking options, optional charges, utilities (including responsibility), and appliances.
- Collected rent by unit type and bedrooms.
- Unit size by unit type and bedrooms.

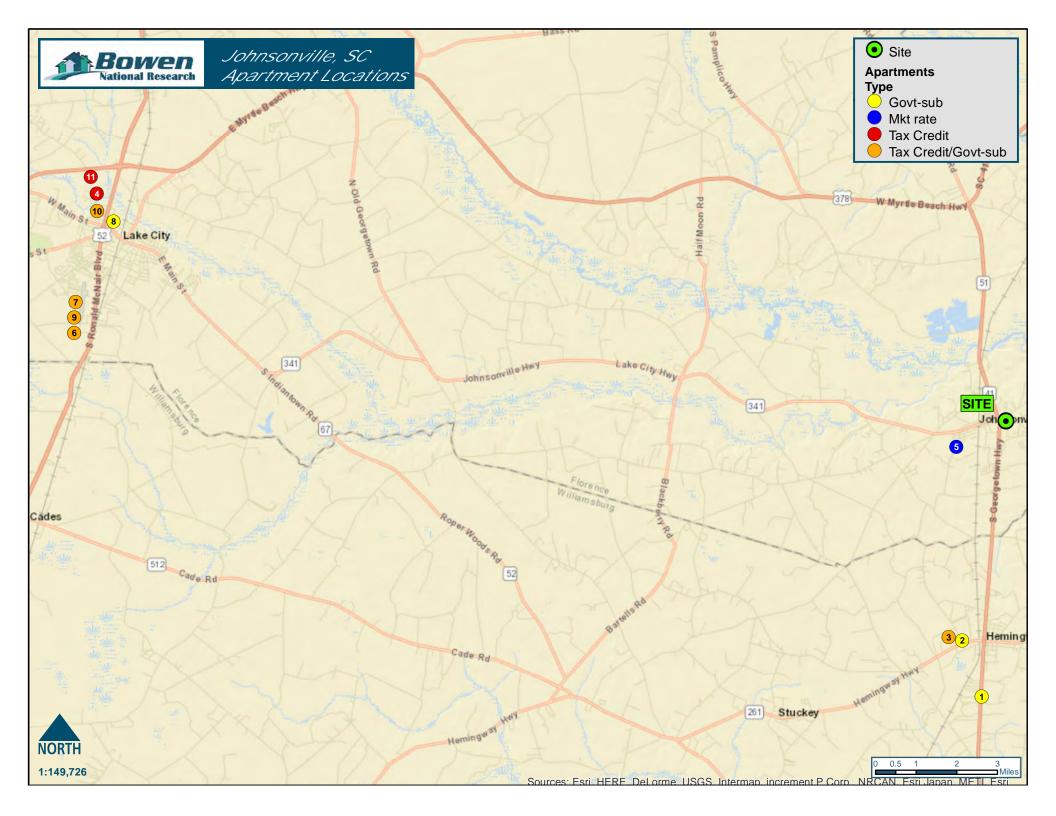
- Calculations of rent per square foot (all utilities are adjusted to reflect similar utility responsibility). Data is summarized by unit type.
- An analysis of units, vacancies, and median rent. Where applicable, non-subsidized units are distributed separately.
- An analysis of units added to the area by project construction date and, when applicable, by year of renovation.
- Aggregate data and distributions for all non-subsidized properties are provided for appliances, unit amenities and project amenities.



- A rent distribution is provided for all market-rate and non-subsidized Tax Credit units by unit type. Note that rents are adjusted to reflect common utility responsibility.
- Aggregation of projects by utility responsibility (market-rate and non-subsidized Tax Credit only).
- A utility allowance worksheet.

Note that other than the property listing following the map, data is organized by project types. Market-rate properties (blue designation) are first followed by variations of market-rate and Tax Credit properties. Non-government subsidized Tax Credit properties are red and government-subsidized properties are yellow. See the color codes at the bottom of each page for specific project types.





MAP IDENTIFICATION LIST - JOHNSONVILLE, SOUTH CAROLINA

	MAP ID	PROJECT NAME	PROJ. TYPE	QUALITY RATING	YEAR BUILT	TOTAL UNITS	VACANT	OCC. RATE	DISTANCE TO SITE*
	1	Hemingway Apts.	GSS	B-	1983	48	0	100.0%	5.8
	2	Palmetto Estates	GSS	B-	1989	24	0	100.0%	5.3
•	3	Williamsburg Gardens	TGS	В	1980	40	0	100.0%	5.3
	4	Highland Pointe Apts.	TAX	B+	2015	48	0	100.0%	21.8
	5	Spring Hill Apts.	MRR	В	2001	24	0	100.0%	1.3
•	6	Bailey Gardens Apts	TGS	В	2008	24	0	100.0%	22.1
	7	Cole Road Apts.	TGS	В	2000	39	0	100.0%	22.2
	8	Lake City Apts.	GSS	B-	1980	38	0	100.0%	20.8
	9	Palmetto Frond	TGS	В	2001	32	0	100.0%	22.2
•	10	Swann Lakes	TGS	В	2000	24	0	100.0%	21.2
	11	Palmetto Ridge Estates	TAX	В	2010	56	0	100.0%	21.9

PROJECT TYPE	PROJECTS SURVEYED	TOTAL UNITS	VACANT	OCCUPANCY RATE	U/C
MRR	1	24	0	100.0%	0
TAX	2	104	0	100.0%	0
TGS	5	159	0	100.0%	0
GSS	3	110	0	100.0%	0







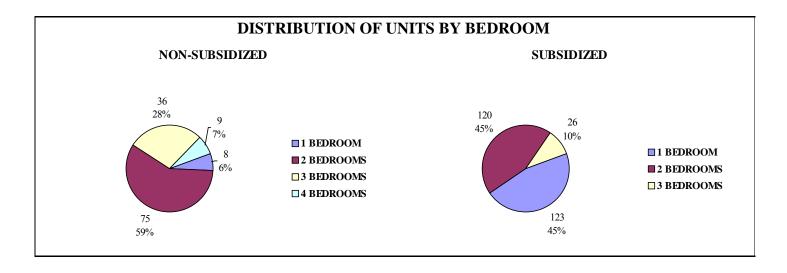
DISTRIBUTION OF UNITS - JOHNSONVILLE, SOUTH CAROLINA

	MARKET-RATE											
BEDROOMS	BATHS	UNITS	DISTRIBUTION	VACANT	%VACANT	MEDIAN GROSS RENT						
1	1	8	33.3%	0	0.0%	\$592						
2	1	16	66.7%	0	0.0%	\$629						
TO	ΓΑΙ	24	100.0%	0	0.0%							

	TAX CREDIT, NON-SUBSIDIZED										
BEDROOMS	BATHS	UNITS	DISTRIBUTION	VACANT	%VACANT	MEDIAN GROSS RENT					
2	1	38	36.5%	0	0.0%	\$644					
2	2	21	20.2%	0	0.0%	\$550					
3	1	18	17.3%	0	0.0%	\$713					
3	2	18	17.3%	0	0.0%	\$676					
4	2.5	9	8.7%	0	0.0%	\$783					
TOTAL		104	100.0%	0	0.0%						

	TAX CREDIT, GOVERMENT-SUBSIDIZED										
BEDROOMS	BATHS	UNITS	DISTRIBUTION	VACANT	%VACANT	MEDIAN GROSS RENT					
1	1	103	64.8%	0	0.0%	N.A.					
2	1	52	32.7%	0	0.0%	N.A.					
3	1	4	2.5%	0	0.0%	N.A.					
TOT	ΓΑΙ.	159	100.0%	0	0.0%						

	GOVERNMENT-SUBSIDIZED										
BEDROOMS	BATHS	UNITS	DISTRIBUTION	VACANT	%VACANT						
1	1	20	18.2%	0	0.0%	N.A.					
2	1	68	61.8%	0	0.0%	N.A.					
3	1.5	22	20.0%	0	0.0%	N.A.					
TOT	ΓAL	110	100.0%	0	0.0%						
GRAND	TOTAL	397	-	0	0.0%						





SURVEY OF PROPERTIES - JOHNSONVILLE, SOUTH CAROLINA

Hemingway Apts. Address Phone (843) 558-9782 **Total Units** 8 Daisy Ln. 48 Hemingway, SC 29554 (Contact in person) Vacancies 0 Contact Ashley Year Built 1983 Occupied 100.0% HUD Section 8; Square footage estimated Comments Floors Quality Rating B-Waiting List 6-36 months **Palmetto Estates** Address 5 Palmetto Estates Phone (843) 558-5479 **Total Units** 24 Hemingway, SC 29554 (Contact in person) Vacancies 0 1989 Contact Lashada Occupied 100.0% Year Built RD 515, has RA (10 units); HCV (2 units); Square footage Comments Floors 2 estimated Quality Rating B-Waiting List 5 households Williamsburg Gardens Address 16 Williamsburg Gardens Phone (843) 558-3641 **Total Units** 40 Hemingway, SC 29554 (Contact in person) Vacancies 0 1980 Renovated 1993 **Contact** Ashley Year Built Occupied 100.0% 60% AMHI; RD 515, has RA (40 units); Year built & Comments Floors 1 square footage estimated by mgr. Quality Rating B Senior Restricted (55+) Waiting List 10 households **Highland Pointe Apts.** Address Highland Pointe Dr. Phone (843) 374-0284 **Total Units** 48 (Contact in person) Vacancies Lake City, SC 29560 Contact Kim 2015 Year Built Occupied 100.0% 50% & 60% AMHI; HCV (3 units); Opened & 100% Comments Floors occupied 4/2015, began preleasing 1/2015; Unit mix Quality Rating B+ estimated Waiting List 60 households Spring Hill Apts. Phone (843) 386-3533 Total Units 24 Address 263 S. Pine St. (Contact in person) Johnsonville, SC 29555 Vacancies 0 Year Built 2001 Contact Ashley Occupied 100.0% Comments HCV (1 unit) Floors 1,2 Quality Rating Waiting List 7 households

Project Type

Market-rate Market-rate/Tax Credit Market-rate/Government-subsidized Market-rate/Tax Credit/Government-subsidized Tax Credit Tax Credit/Government-subsidized Government-subsidized



SURVEY OF PROPERTIES - JOHNSONVILLE, SOUTH CAROLINA

Bailey Gardens Apts



Address 258 Retha St.

Comments

Year Built

Comments

Year Built

Comments

Year Built

Comments

Lake City, SC 29560 Year Built 2008

estimated

(Contact in person) Contact Claire

60% AMHI; RD 515, has RA (24 units); Square footage

Phone (843) 374-9989

Occupied 100.0% Floors Quality Rating B

24

0

Senior Restricted (62+) Waiting List

Total Units

Vacancies

None

Cole Road Apts.



Address 324 Koger Cir.

Lake City, SC 29560

Phone (843) 394-0951 (Contact in person)

2000 Contact Latasha 60% AMHI; RD 515, has RA (39 units); Year built &

RD 515, no RA; HCV (5 units); 3-br have patio storage

square footage estimated

Total Units 39

Vacancies 0 Occupied 100.0%

1

38

32

24

100.0%

0

Floors Quality Rating B

Waiting List 20 households

Total Units

8 Lake City Apts.



Address 220 Kelly St.

Lake City, SC 29560 1980

Phone (843) 394-2688

(Contact in person) Vacancies **Contact** Jamie

0 Occupied 100 0% Floors 2

Quality Rating B-Waiting List

48 households

Total Units

Palmetto Frond



Address 304 Frond Cir.

Lake City, SC 29560

2001

footage estimated

(Contact in person) Contact Ronnie

50% & 60% AMHI; RD 515, has RA (32 units); Square

Phone (843) 394-9100

Vacancies Occupied 100.0% Floors

Quality Rating B Waiting List 54 households

10 **Swann Lakes**



Address 212 Peggy Ct.

Lake City, SC 29560

Phone (843) 374-0345 (Contact in person)

Total Units Vacancies Occupied

Year Built 50% & 60% AMHI; RD 515, has RA (24 units); Select Comments

units have patio or balcony; Square footage estimated

Contact Claire

Floors Quality Rating B

Senior Restricted (62+) Waiting List

None

Project Type

Market-rate Market-rate/Tax Credit

Market-rate/Government-subsidized Market-rate/Tax Credit/Government-subsidized

Tax Credit Tax Credit/Government-subsidized Government-subsidized



SURVEY OF PROPERTIES - JOHNSONVILLE, SOUTH CAROLINA

Palmetto Ridge Estates



Address 889 N. Matthews Rd.

Comments

Lake City, SC 29560 Year Built

2010 50% & 60% AMHI; HCV (5 units); HOME Funds (11 units at 50% AMHI); Square footage estimated by manager

(Contact in person) Contact Diana

Phone (843) 374-8998

Vacancies 0 Occupied 100.0% Floors 2, 3 Quality Rating B

56

Waiting List 35 households

Total Units

Project Type

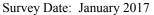
Market-rate Market-rate/Tax Credit Market-rate/Government-subsidized Market-rate/Tax Credit/Government-subsidized Tax Credit Tax Credit/Government-subsidized Government-subsidized



COLLECTED RENTS - JOHNSONVILLE, SOUTH CAROLINA

MAP		GA	RDEN UN	ITS	TOWNHOUSE UNITS					
ID	STUDIO	1-BR	2-BR	3-BR	4+ BR	1-BR	2-BR	3-BR	4+ BR	
4			\$383 to \$408	\$459 to \$485	\$510					
5		\$535	\$550							
11			\$475 to \$545	\$520 to \$590						







PRICE PER SQUARE FOOT - JOHNSONVILLE, SOUTH CAROLINA

	0	NE-BEDRO	OM UNITS								
MAP ID	PROJECT NAME	BATHS	UNIT SIZE	GROSS RENT	\$ / SQ. FT.						
5	Spring Hill Apts.	1	650	\$592	\$0.91						
	TWO-BEDROOM UNITS										
MAP ID	PROJECT NAME	BATHS	UNIT SIZE	GROSS RENT	\$ / SQ. FT.						
5	Spring Hill Apts.	1	850	\$629	\$0.74						
4	Highland Pointe Apts.	2	1100	\$550 to \$575	\$0.50 to \$0.52						
11	Palmetto Ridge Estates	1	1042	\$574 to \$644	\$0.55 to \$0.62						
	TH	REE-BEDR	OOM UNITS								
MAP ID	PROJECT NAME	BATHS	UNIT SIZE	GROSS RENT	\$ / SQ. FT.						
4	Highland Pointe Apts.	2	1250	\$676 to \$702	\$0.54 to \$0.56						
11	Palmetto Ridge Estates	1	1142	\$643 to \$713	\$0.56 to \$0.62						
	FOUR+ BEDROOM UNITS										
MAP ID	PROJECT NAME	BATHS	UNIT SIZE	GROSS RENT	\$ / SQ. FT.						
4	Highland Pointe Apts.	2.5	1400	\$783	\$0.56						





AVERAGE GROSS RENT PER SQUARE FOOT - JOHNSONVILLE, SOUTH CAROLINA

MARKET-RATE									
UNIT TYPE	ONE-BR	TWO-BR	THREE-BR						
GARDEN	\$0.91	\$0.74	\$0.00						
TOWNHOUSE	\$0.00	\$0.00	\$0.00						

TAX CREDIT (NON-SUBSIDIZED)									
UNIT TYPE	ONE-BR	TWO-BR	THREE-BR						
GARDEN	\$0.00	\$0.57	\$0.57						
TOWNHOUSE	\$0.00	\$0.00	\$0.00						

COMBINED									
UNIT TYPE	ONE-BR	TWO-BR	THREE-BR						
GARDEN	\$0.91	\$0.61	\$0.57						
TOWNHOUSE	\$0.00	\$0.00	\$0.00						



TAX CREDIT UNITS - JOHNSONVILLE, SOUTH CAROLINA

			ONE-	BEDROOM U	NITS								
[MAP ID	PROJECT NAME	UNITS	SQUARE FEET	# OF BATHS	% AMHI	COLLECTED RENT						
	9	Palmetto Frond	7	650	1	50%	\$456 - \$546						
	9	Palmetto Frond	1	650	1	60%	\$456 - \$546						
	7	Cole Road Apts.	11	675	1	60%	\$470 - \$609						
•	3	Williamsburg Gardens	36	600	1	60%	\$505 - \$706						
•	10	Swann Lakes	12	600	1	50%	\$578 - \$604						
•	10	Swann Lakes	12	800	1	60%	\$578 - \$604						
•	6	Bailey Gardens Apts	24	550	1	60%	\$628 - \$681						
	TWO-BEDROOM UNITS												
I	MAP ID		UNITS	SQUARE FEET	# OF BATHS	% AMHI	COLLECTED RENT						
	4	Highland Pointe Apts.	16	1100	2	50%	\$383						
	4	Highland Pointe Apts.	5	1100	2	60%	\$408						
	11	Palmetto Ridge Estates	7	1042	1	50%	\$475						
	9	Palmetto Frond	19	850	1	50%	\$481 - \$571						
	9	Palmetto Frond	5	850	1	60%	\$481 - \$571						
	7	Cole Road Apts.	24	750	1	60%	\$491 - \$630						
•	3	Williamsburg Gardens	4	800	1	60%	\$515 - \$727						
	11	Palmetto Ridge Estates	31	1042	1	60%	\$545						
				E-BEDROOM 1									
1	MAP ID		UNITS	SQUARE FEET	# OF BATHS	% AMHI	COLLECTED RENT						
	4	Highland Pointe Apts.	12	1250	2	50%	\$459						
	4	Highland Pointe Apts.	6	1250	2	60%	\$485						
	7	Cole Road Apts.	4	800	1	60%	\$508 - \$647						
	11	Palmetto Ridge Estates	7	1142	1	50%	\$520						
Ĺ	11	Palmetto Ridge Estates	11	1142	1	60%	\$590						
				-BEDROOM U									
1	MAP ID		UNITS	SQUARE FEET		% AMHI	COLLECTED RENT						
	4	Highland Pointe Apts.	9	1400	2.5	50%	\$510						

• - Senior Restricted



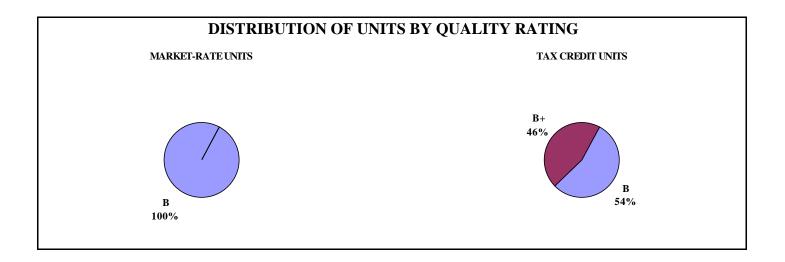
QUALITY RATING - JOHNSONVILLE, SOUTH CAROLINA

MARKET-RATE PROJECTS AND UNITS

	QUALITY		TOTAL	VACANCY	MEDIAN GROSS RENT					
	RATING	PROJECTS	UNITS	RATE	STUDIOS	ONE-BR	TWO-BR	THREE-BR	FOUR-BR	
ĺ	В	1	24	0.0%		\$592	\$629			

TAX CREDIT (NON-SUBSIDIZED) PROJECTS AND UNITS

QUALITY		TOTAL	VACANCY	MEDIAN GROSS RENT					
RATING	PROJECTS	UNITS	RATE	STUDIOS	ONE-BR	TWO-BR	THREE-BR	FOUR-BR	
B+	1	48	0.0%			\$550	\$676	\$783	
В	1	56	0.0%			\$644	\$713		





YEAR BUILT - JOHNSONVILLE, SOUTH CAROLINA *

YEAR RANGE	PROJECTS	UNITS	VACANT	% VACANT	TOTAL UNITS	DISTRIBUTION
Before 1970	0	0	0	0.0%	0	0.0%
1970 to 1979	0	0	0	0.0%	0	0.0%
1980 to 1989	0	0	0	0.0%	0	0.0%
1990 to 1999	0	0	0	0.0%	0	0.0%
2000 to 2005	1	24	0	0.0%	24	18.8%
2006	0	0	0	0.0%	24	0.0%
2007	0	0	0	0.0%	24	0.0%
2008	0	0	0	0.0%	24	0.0%
2009	0	0	0	0.0%	24	0.0%
2010	1	56	0	0.0%	80	43.8%
2011	0	0	0	0.0%	80	0.0%
2012	0	0	0	0.0%	80	0.0%
2013	0	0	0	0.0%	80	0.0%
2014	0	0	0	0.0%	80	0.0%
2015	1	48	0	0.0%	128	37.5%
2016**	0	0	0	0.0%	128	0.0%
TOTAL	3	128	0	0.0%	128	100.0 %



^{*} Only Market-Rate and Tax Credit projects. Does not include government-subsidized projects.

^{**} As of January 2017

APPLIANCES AND UNIT AMENITIES - JOHNSONVILLE, SOUTH CAROLINA

	APPLIANCE	S	
APPLIANCE	PROJECTS	PERCENT	UNITS*
RANGE	3	100.0%	128
REFRIGERATOR	3	100.0%	128
ICEMAKER	0	0.0%	
DISHWASHER	2	66.7%	104
DISPOSAL	2	66.7%	104
MICROWAVE	2	66.7%	104
	UNIT AMENIT	IES	
AMENITY	PROJECTS	PERCENT	UNITS*
AC - CENTRAL	3	100.0%	128
AC - WINDOW	0	0.0%	
FLOOR COVERING	3	100.0%	128
WASHER/DRYER	0	0.0%	
WASHER/DRYER HOOK-UP	3	100.0%	128
PATIO/DECK/BALCONY	2	66.7%	80
CEILING FAN	1	33.3%	48
FIREPLACE	0	0.0%	
BASEMENT	0	0.0%	
INTERCOM SYSTEM	0	0.0%	
SECURITY SYSTEM	0	0.0%	
WINDOW TREATMENTS	3	100.0%	128
FURNISHED UNITS	0	0.0%	
E-CALL BUTTON	0	0.0%	

^{* -} Does not include units where appliances/amenities are optional; Only includes market-rate or non-government subsidized Tax Credit.



PROJECT AMENITIES - JOHNSONVILLE, SOUTH CAROLINA

	PROJECT AMEN	ITIES	
AMENITY	PROJECTS	PERCENT	UNITS
POOL	0	0.0%	
ON-SITE MANAGEMENT	3	100.0%	128
LAUNDRY	3	100.0%	128
CLUB HOUSE	2	66.7%	104
MEETING ROOM	0	0.0%	
FITNESS CENTER	1	33.3%	56
JACUZZI/SAUNA	0	0.0%	
PLAYGROUND	3	100.0%	128
COMPUTER LAB	1	33.3%	48
SPORTS COURT	0	0.0%	
STORAGE	0	0.0%	
LAKE	0	0.0%	
ELEVATOR	0	0.0%	
SECURITY GATE	0	0.0%	
BUSINESS CENTER	0	0.0%	
CAR WASH AREA	0	0.0%	
PICNIC AREA	2	66.7%	104
CONCIERGE SERVICE	0	0.0%	
SOCIAL SERVICE PACKAGE	0	0.0%	



DISTRIBUTION OF UTILITIES - JOHNSONVILLE, SOUTH CAROLINA

UTILITY (RESPONSIBILITY)	NUMBER OF PROJECTS	NUMBER OF UNITS	DISTRIBUTION OF UNITS
HEAT			
TENANT			
ELECTRIC	11	397	100.0%
			100.0%
COOKING FUEL			
TENANT			
ELECTRIC	11	397	100.0%
			100.0%
HOT WATER			
TENANT			
ELECTRIC	11	397	100.0%
			100.0%
ELECTRIC			
TENANT	11	397	100.0%
			100.0%
WATER			
LANDLORD	6	216	54.4%
TENANT	5	181	45.6%
			100.0%
SEWER			
LANDLORD	6	216	54.4%
TENANT	5	181	45.6%
TRASH PICK-UP			
LANDLORD	10	358	90.2%
TENANT	1	39	9.8%
			100.0%

UTILITY ALLOWANCE - JOHNSONVILLE, SOUTH CAROLINA

			HE	ATING		HOT V	VATER	COC	KING					
BR	UNIT TYPE	GAS	ELEC	STEAM	OTHER	GAS	ELEC	GAS	ELEC	ELEC	WATER	SEWER	TRASH	CABLE
0	GARDEN	\$30	\$11		\$9	\$8	\$11	\$4	\$5	\$40	\$22	\$25	\$15	\$20
1	GARDEN	\$34	\$13		\$11	\$10	\$13	\$4	\$6	\$45	\$23	\$27	\$15	\$20
1	TOWNHOUSE	\$34	\$13		\$11	\$10	\$13	\$4	\$6	\$45	\$23	\$27	\$15	\$20
2	GARDEN	\$36	\$16		\$13	\$14	\$16	\$6	\$8	\$59	\$31	\$37	\$15	\$20
2	TOWNHOUSE	\$36	\$16		\$13	\$14	\$16	\$6	\$8	\$59	\$31	\$37	\$15	\$20
3	GARDEN	\$39	\$19		\$15	\$18	\$20	\$8	\$11	\$73	\$42	\$52	\$15	\$20
3	TOWNHOUSE	\$39	\$19		\$15	\$18	\$20	\$8	\$11	\$73	\$42	\$52	\$15	\$20
4	GARDEN	\$42	\$23		\$16	\$23	\$24	\$10	\$16	\$88	\$54	\$68	\$15	\$20
4	TOWNHOUSE	\$42	\$23		\$16	\$23	\$24	\$10	\$13	\$88	\$54	\$68	\$15	\$20

SC-Midlands Region (1/2017) Fees



Addendum B – Member Certification & Checklist

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

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

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Date: February 10, 2017

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Date: February 10, 2017

Note: Information on the National Council of Housing Market Analysts may be obtained by calling 202-939-1750, or by visiting

http://www.housingonline.com/MarketStudiesNCAHMA/AboutNCAHMA/tabid/234/ Default.aspx



ADDENDUM-MARKET STUDY INDEX

A. <u>INTRODUCTION</u>

Members of the National Council of Housing Market Analysts provide a checklist referencing all components of their market study. This checklist is intended to assist readers on the location content of issues relevant to the evaluation and analysis of market studies.

B. <u>DESCRIPTION AND PROCEDURE FOR COMPLETING</u>

The following components have been addressed in this market study. The section number of each component is noted below. Each component is fully discussed in that section. In cases where the item is not relevant, the author has indicated 'N/A' or not applicable. Where a conflict with or variation from client standards or client requirements exists, the author has indicated a 'VAR' (variation) with a comment explaining the conflict.

C. CHECKLIST

		Section (s)			
	Executive Summary				
1.	Executive Summary (Exhibit S-2)	A			
	Project Description				
2.	Proposed number of bedrooms and baths proposed, income limitations, proposed rents				
	and utility allowances	В			
3.	Utilities (and utility sources) included in rent	В			
4.	Project design description	В			
5.	Unit and project amenities; parking	В			
6.	Public programs included	В			
7.	Target population description	В			
8.	Date of construction/preliminary completion	В			
9.	If rehabilitation, existing unit breakdown and rents	В			
10.	Reference to review/status of project plans	В			
Location and Market Area					
11.	Market area/secondary market area description	D			
12.	Concise description of the site and adjacent parcels	C			
13.	Description of site characteristics	C			
14.	Site photos/maps	C			
15.	Map of community services	С			
16.	Visibility and accessibility evaluation	С			
17.	Crime Information	С			



CHECKLIST (Continued)

		Section (s)
	EMPLOYMENT AND ECONOMY	
18.	Employment by industry	Е
19.	Historical unemployment rate	Е
20.	Area major employers	Е
21.	Five-year employment growth	Е
22.	Typical wages by occupation	Е
23.	Discussion of commuting patterns of area workers	Е
	DEMOGRAPHIC CHARACTERISTICS	
24.	Population and household estimates and projections	F
25.	Area building permits	Н
26.	Distribution of income	F
27.	Households by tenure	F
	COMPETITIVE ENVIRONMENT	
28.	Comparable property profiles	Н
29.	Map of comparable properties	Н
30.	Comparable property photographs	Н
31.	Existing rental housing evaluation	Н
32.	Comparable property discussion	Н
33.	Area vacancy rates, including rates for Tax Credit and government-subsidized	Н
34.	Comparison of subject property to comparable properties	Н
35.	Availability of Housing Choice Vouchers	Н
36.	Identification of waiting lists	H & Addendum A
37.	Description of overall rental market including share of market-rate and affordable	Н
	properties	
38.	List of existing LIHTC properties	Н
39.	Discussion of future changes in housing stock	Н
40.	Discussion of availability and cost of other affordable housing options including	Н
	homeownership	
41.	Tax Credit and other planned or under construction rental communities in market area	Н
	ANALYSIS/CONCLUSIONS	
42.	Calculation and analysis of Capture Rate	G
43.	Calculation and analysis of Penetration Rate	N/A
44.	Evaluation of proposed rent levels	Н
45.	Derivation of Achievable Market Rent and Market Advantage	Н
46.	Derivation of Achievable Restricted Rent	N/A
47.	Precise statement of key conclusions	J
48.	Market strengths and weaknesses impacting project	J
49.	Recommendations and/or modification to project discussion	J
50.	Discussion of subject property's impact on existing housing	Н
51.	Absorption projection with issues impacting performance	G & J
52.	Discussion of risks or other mitigating circumstances impacting project projection	J
53.	Interviews with area housing stakeholders	I



CHECKLIST (Continued)

		Section (s)		
	OTHER REQUIREMENTS			
54.	Preparation date of report	Title Page		
55.	Date of Field Work	C		
56.	Certifications	K		
57.	Statement of qualifications	L		
58.	Sources of data not otherwise identified	D		
59.	Utility allowance schedule	Addendum A		

