## Everson, <br> Huber \& Associates, lc

Commercial Real Estate Services

SELF-CONTAINED APPRAISAL REPORT

OF THE PROPOSED RENOVATED CENTENNIAL PLACE APARTMENTS PHASE I 526 CENTENNIAL OLYMPIC PARK DRIVE ATLANTA, FULTON COUNTY, GEORGIA 30313

EHA File 13-175-1

DATE OF VALUE
May 14, 2013

## PREPARED FOR

Mr. Trey Williams
Development Director
The Integral Group LLC
191 Peachtree St., NE, Suite 4100
Atlanta, GA 30303

## Everson, Huber \& Associates, lc

Commercial Real Estate Services

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ADMINISTRATIVE
Pauline J. Hines

May 21, 2013
Mr. Trey Williams
Development Director
The Integral Group LLC
191 Peachtree St., NE, Suite 4100
Atlanta, GA 30303
RE: $\quad$ Self-Contained Appraisal Report Of The Proposed Renovated Centennial Place Apartments Phase I 526 Centennial Olympic Park Drive Atlanta, Fulton County, GA 30313
EHA File 13-175-1
Dear Mr. Williams:
At your request and authorization, we conducted the inspections, investigations, and analyses necessary to appraise the above referenced property. We have prepared a self-contained appraisal report. The purpose of this appraisal is to estimate prospective market value of the leasehold interest in the subject property, "upon completion and stabilization," of the proposed renovation under two scenarios, using both restricted and hypothetical unrestricted rents. We were also requested to estimate "as is" market value of the leasehold interest in the subject site and existing improvements, as well as the valuation of the tax credits and an analysis of the ground lease of the underlying site. The values are predicated upon market conditions prevailing on May 14,2013 , which is the date of our last inspection. This appraisal is intended for use by the addressee for internal decision making purposes and may be used and/or relied upon by the Department of Community Affairs.

Centennial Place Apartments Phase I is a 181-unit apartment development, built in 1996, situated on a 9.58-acre site. It consists of 22 twoand three-story apartment buildings and a free-standing management building. The unit mix consists of 66 one-bedroom units, 84 two-bedroom units, 27 three-bedroom units and four four-bedroom units , ranging from 688 to 1,594 square feet (net leasable), with an average size of 936 square feet. The subject includes a mixture of market (68 units, or 38\%), Low Income Housing Tax Credit (LIHTC) units (39 units, or 22\%), and authority assisted units 74 (41\%). The project includes surface parking, common amenities with multiple playgrounds, two swimming pools and a clubhouse facility. It is our understanding that the property is planned for extensive renovation of all

## EvERSON, Huber \& Associates, LC

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phases. The renovation will be financed with proceeds from the syndication of federal and state $9 \%$ low income housing tax credits. If funding is approved, the renovation will be done in phases beginning April, 2014. The entire renovation will take approximately twelve months to complete. The subject is located south of Merritts Avenue, east of Lovejoy Street, west of Interstate 75, and north of Hunnicutt Street. It is bisected by Pine Street and Centennial Park Drive, within the city limits of Atlanta, Fulton County, Georgia, at the center of the Atlanta CBD.

Reportedly, the renovation will be done in phases and current tenants will be temporarily re-located to other units and then placed back in their units once the renovation is completed. In essence, the subject would be basically stabilized at the end of construction. However, we have allowed an additional six months to re-locate all of the existing tenants and reach stabilization. Based on all of this information, it is our opinion that the subject should conservatively be able to reach stabilized occupancy within six months of the placed-in-service date (estimated at April 1, 2015), or by October 1, 2015, which is the date we will use for our "as completed / as stabilized" value estimate.

The subject is more fully described, legally and physically, within the attached report. Additional data, information and calculations leading to the value conclusion are in the report following this letter. This document in its entirety, including all assumptions and limiting conditions, is an integral part of this letter.

The attached narrative appraisal report contains the most pertinent data and analyses upon which our opinions are based. The appraisal was prepared in accordance with the requirements of the Code of Professional Ethics and Standards of Professional Conduct of the Appraisal Institute. In addition, this appraisal was prepared in conformance with our interpretation of the guidelines and recommendations set forth in the Uniform Standards of Professional Appraisal Practice (USPAP) of the Appraisal Foundation, the Interagency Appraisal and Evaluation Guidelines, the Office of the Comptroller of the Currency, and the Financial Institutions Reform, Recovery and Enforcement Act (FIRREA).

Our opinions of value were formed based on our experience in the field of real property valuation, as well as the research and analysis set forth in this

## EvERSON, Huber \& Associates, lc

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appraisal. Our concluded opinions of leasehold market value, subject to the attached Assumptions and Limiting Conditions and Certification, are as follows:

Estimate of Market Value of the Leasehold Interest in the Subject "As Is," As of May 14, 2013 :
\$6,800,000
Per Unit (181):
\$37,569
Allocated Market Value of the Leasehold Interest in the $\$ 6,800,000$ Subject Improvements As of May 14, 2013:

Allocated Market Value of the Leasehold Interest in the Subject Underlying Land As of May 14, 2013 :

Estimate of Market Value of the Leasehold Interest in the Subject "Upon Completion," Subject to Restricted Rents, As of April 1, 2015:

Per Unit (181):
\$49,724
Estimate of Market Value of the Leasehold Interest in the Subject "At Stabilization," Subject to Restricted Rents, As of October 1, 2015:

Per Unit (181): \$52,486

Estimate of Hypothetical Market Value of the Leasehold Interest in the Subject "Upon Completion," Assuming Unrestricted/Market Rents, As of April 1, 2015:
\$16,600,000
Per Unit (181):
\$91,713
Estimate of Hypothetical Market Value of the Leasehold Interest in the Subject "At Stabilization," Assuming Unrestricted/Market Rents, As of October 1, 2015:
\$17,200,000
Per Unit (181): \$95,028
Value of Tax Credits, As of May 14, 2013:
\$10,000,000

## Everson, Huber \& Associates, lc

Commercial Real Estate Services

Estimate of the Market Value of the Leasehold Interest in the Subject Site "As Is", as of May 15, 2013:
\$0
The entire Centennial site is leased by various ownership entities of the Integral Group, LLC, from The Housing Authority of the City of Atlanta, the current owner. The term for the subject site is 55 years at basically no rent (\$10/year), begun March 1996. Essentially, the lease indicates the land has virtually no value. Typically, for a project of this type, based on development costs and income levels, there are insufficient revenues to support a residual land value. Further, the improvements are only feasible to construct with the assistance of substantial incentives. Therefore, the land does not contribute value to the leasehold interest in the subject and, thus, was given no further consideration in our analysis.

It was our pleasure assisting you in this matter. If you have any questions concerning the analysis, or if we can be of further service, please call.

Respectfully submitted,
EVERSON, HUBER \& ASSOCIATES, LC
$B y:$


Ingrid Ott
Certified General Appraiser
Georgia Certificate No. 265709


Stephen M. Huber
Principal
Certified General Appraiser
Georgia Certificate No. 1350

We certify that to the best of our knowledge and belief:

1. The statements of fact contained in this report are true and correct.
2. The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions and are our personal, impartial, and unbiased professional analyses, opinions, and conclusions.
3. We have no present or prospective interest in the property that is the subject of this report and no personal interest with respect to the parties involved.
4. Everson, Huber, and Associates, LLC prepared a restricted use appraisal report for the subject property July 2012.
5. We have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.
6. Our engagement in this assignment was not contingent upon developing or reporting predetermined results.
7. Our compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use of this appraisal.
8. Our analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice.
9. Ingrid Ott inspected the subject and prepared this report under the supervision of Timothy P. Huber and Stephen M. Huber, who also inspected the subject.
10. No one provided significant real property appraisal assistance to the persons signing this certification.
11. The reported analyses, opinions and conclusions were developed, and this report has been prepared in conformity with the requirements of the Code of Professional Ethics and Standards of Professional Appraisal Practice of the Appraisal Institute.
12. The use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives.
13. As of the date of this report, we have completed the Standards and Ethics Education Requirement for Associate Members of the Appraisal Institute.
14. We have extensive experience in the appraisal of commercial properties and are appropriately certified by the State of Georgia to appraise properties of this type.


Ingrid Ott
Certified General Real Property Appraiser
Georgia Certificate No. 265709


Timothy P. Huber
Certified General Real Property Appraiser
Georgia Certificate No. 6110

Property Name/Address: Centennial Place Apartments Phase I 526 Centennial Olympic Park Drive<br>Atlanta, Fulton County, GA 30313

## Location:

South of Merritts Avenue, east of Lovejoy Street, west of Interstate 75, and north of Hunnicutt Street. It is bisected by Pine Street and Centennial Park Drive, within the city limits of Atlanta, Fulton County, Georgia, at the center of the Atlanta CBD.

Tax Parcel Numbers: 14007900020138, 14007900020203, 14007900060191, and 14007900030756

Property Description: Centennial Place Apartments Phase I is a 181-unit apartment development, built in 1996, situated on a 9.58 -acre site. It consists of 22 two- and three-story apartment buildings and a free-standing management building. The unit mix consists of 66 one-bedroom units, 84 two-bedroom units, 27 three-bedroom units and four four-bedroom units, ranging from 688 to 1,594 square feet (net leasable), with an average size of 936 square feet. The subject includes a mixture of market (68 units, or 12\%) 39 Low Income Housing Tax Credit (LIHTC) units (22\%), and 74 (41\%) authority assisted units. The project includes surface parking, common amenities with multiple playgrounds, two swimming pools and a clubhouse facility. It is our understanding that the property is planned for extensive renovation of all phases. The renovation will be financed with proceeds from the syndication of federal and state 9\% low income housing tax credits. If funding is approved, the renovation will be done in phases beginning April, 2014. The entire renovation will take approximately twelve months to complete.

## Highest and Best Use

As If Vacant: Future development with a multifamily use
As Improved: Continued operation as an apartment complex
Purpose of the Appraisal: The purpose of this appraisal is to estimate prospective market value of the leasehold interest in the subject property, "upon completion and stabilization," of the proposed renovation under two scenarios, using both restricted and hypothetical unrestricted rents. We were also requested to estimate "as is" market value of the leasehold interest in the subject site and existing improvements, as well as the valuation of the tax credits and an analysis of the ground lease of the underlying site.

This appraisal is intended for use by the addressee for internal decision making purposes and may be used and/or relied upon by the Department of Community Affairs.

Property Rights: Leasehold
Date of Inspection/Value: May 14, 2013
Date of Report: May 21, 2013
Est. Marketing Time: ..... 12 months or less
Valuation
Estimate of Market Value of the Leasehold Interest in the Subject "As Is,"As of April 22, 2013:\$6,800,000
Per Unit (181): ..... \$37,569
Allocated Market Value of the Leasehold Interest in the Subject ..... \$6,800,000Improvements As of May 14, 2013:
Allocated Market Value of the Leasehold Interest in the Subject ..... \$0Underlying Land As of May 14, 2013 :
Estimate of Market Value of the Leasehold Interest in the Subject "Upon Completion," Subject to Restricted Rents, As of April 1, 2015: ..... \$9,000,000
Per Unit (181): ..... \$49,724
Estimate of Market Value of the Leasehold Interest in the Subject "At Stabilization," Subject to Restricted Rents, As of October 1, 2015: ..... \$9,500,000
Per Unit (181): ..... \$52,486
Estimate of Hypothetical Market Value of the Leasehold Interest in the Subject "Upon Completion," Assuming Unrestricted/Market Rents, As of April 1, 2015: ..... \$16,600,000
Per Unit (181):\$91,713
Estimate of Hypothetical Market Value of the Leasehold Interest in the Subject "At Stabilization," Assuming Unrestricted/Market Rents, As of October 1, 2015: ..... \$17,200,000
Per Unit (181):\$95,028Value of Tax Credits, As of April 22, 2013:\$10,000,000
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The entire Centennial site is leased by various ownership entities of the Integral Group, LLC, from The Housing Authority of the City of Atlanta, the current owner. The term for the subject site is 55 years at basically no rent (\$10/year), begun March 1996. Essentially, the lease indicates the land has virtually no value. Typically, for a project of this type, based on development costs and income levels, there are insufficient revenues to support a residual land value. Further, the improvements are only feasible to construct with the assistance of substantial incentives. Therefore, the land does not contribute value to the leasehold interest in the subject and, thus, was given no further consideration in our analysis.
ADDENDAA ASSUMPTIONS AND LIMITING CONDITIONS
B SUBJECT PHOTOGRAPHS
C LOCATION MAPS
D DEMOGRAPHIC REPORTS
E SITE PLAN / FLOOR PLANS
F RENTAL COMPARABLES / MAP
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## PROPERTY IDENTIFICATION

Centennial Place Apartments Phase I is a 181-unit apartment development, built in 1996, situated on a 9.58 -acre site. It consists of 22 two- and three-story apartment buildings and a free-standing management building. The unit mix consists of 66 one-bedroom units, 84 two-bedroom units, 27 three-bedroom units and four four-bedroom units, ranging from 688 to 1,594 square feet (net leasable), with an average size of 936 square feet. The subject includes a mixture of market (68 units, or 12\%) 39 Low Income Housing Tax Credit (LIHTC) units (22\%), and 74 (41\%) authority assisted units. The project includes surface parking, common amenities with multiple playgrounds, two swimming pools and a clubhouse facility. It is our understanding that the property is planned for extensive renovation of all phases. The renovation will be financed with proceeds from the syndication of federal and state $9 \%$ low income housing tax credits. If funding is approved, the renovation will be done in phases beginning April, 2014. The entire renovation will take approximately twelve months to complete.


The subject is located south of Merritts Avenue, east of Lovejoy Street, west of Interstate 75, and north of Hunnicutt Street. It is bisected by Pine Street and Centennial Park Drive, within the city limits of Atlanta, Fulton County, Georgia, at the center of the Atlanta CBD. The subject has a street address of 526 Centennial Olympic Drive and is legally identified as tax parcels 14007900020138, 14007900020203, 14007900060191, and 14007900030756.

## OWNERSHIP AND PROPERTY HISTORY

According to Fulton County deed records, the current owner of the subject improvements is Legacy Partnership I LP, and the underlying land is owned by the Atlanta Housing Authority, both of whom have owned the property for over three years. The land underlying the project is subject to a long term ground lease, at nominal fee, to the owner of the improvements. We are aware of no other offers, contracts, or transactions, nor any ownership changes during the past three years.

## PURPOSE AND INTENDED USE OF THE APPRAISAL

The purpose of this appraisal is to estimate prospective market value of the leasehold interest in the subject property, "upon completion and stabilization," of the proposed renovation under two scenarios, using both restricted and hypothetical unrestricted rents. We were also requested to estimate "as is" market value of the leasehold interest in the subject site and existing improvements, as well as the valuation of the tax credits and an analysis of the ground lease of the underlying site. This appraisal is intended for use by the addressee for internal decision making purposes and may be used and/or relied upon by the Department of Community Affairs.

## DATES OF INSPECTION AND VALUATION

The "as is" values reported are predicated upon market conditions prevailing on May 14,2013 , which is the date of our last inspection. Reportedly, the renovation will be done in phases and current tenants will be temporarily re-located to other units and then placed back in their units once the renovation is completed. In essence, the subject would be basically stabilized at the end of construction. However, we have allowed an additional six months to re-locate all of the existing tenants and reach stabilization. Based on all of this information, it is our opinion that the subject should conservatively be able to reach stabilized occupancy within six months of the placed-in-service date (estimated at April 1, 2015), or by October 1, 2015, which is the date we will use for our "as completed / as stabilized" value estimate. The date of report is May 21, 2013.

## DEFINITION OF MARKET VALUE

Market value is one of the central concepts of the appraisal practice. Market value is differentiated from other types of value in that it is created by the collective patterns of the market. Market value means the most probable price that a property should bring in a
competitive and open market under all conditions requisite to a fair sale, the buyer and seller each acting prudently and knowledgeably, and assuming the price is not affected by undue stimulus. Implicit in this definition is the consummation of a sale as of a specified date and the passing of title from seller to buyer under conditions whereby ${ }^{1}$ :

1. Buyer and seller are typically motivated.
2. Both parties are well informed or well advised, and acting in what they consider their own best interests.
3. A reasonable time is allowed for exposure in the open market;
4. Payment is made in terms of cash in U.S. dollars or in terms of financial arrangements comparable thereto.
5. The price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale.

## PROPERTY RIGHTS APPRAISED

We appraised the leasehold interest in the subject site and improvements. Real properties have multiple rights inherent with ownership. These include the right to use the real estate, to occupy, to sell, to lease, or to give away, among other rights. Often referred to as the "bundle of rights", an owner who enjoys all the rights in this bundle owns the fee simple title.

Leasehold Interest: "The right held by the lessee to use and occupy real estate for a stated term and under the conditions specified in the lease."2

The subject owner owns the improvements and has the right to collect rent thereon. As such, the owner is in a "sandwich" position, i.e. tenant (lessee) on the land and owner (lessor) on the improvements. The sandwich leasehold position is basically a situation in which one is a lessee in one instance, and the lessor on another, on the same property. A sandwich lease is described as follows:
"A lease in which an intermediate, or sandwich, leaseholder is the lessee of one party and the lessor of another. The owner of the sandwich lease is

[^0]neither the fee owner nor the user of the property. He or she may be a leaseholder in a chain of leases, excluding the ultimate sublessee."1

## APPRAISAL DEVELOPMENT AND REPORTING PROCESS

We completed the following steps for this assignment:

1. Analyzed regional, city, neighborhood, site, and improvement data.
2. Inspected the subject site and improvements, comparables and neighborhood.
3. Reviewed data regarding taxes, zoning, utilities, easements, and county services.
4. Considered comparable land sales and improved sales, as well as comparable rentals. Confirmed data with principals, managers, real estate agents representing principals, public records and / or various other data sources.
5. Analyzed the data to arrive at concluded estimates of value via each applicable approach.
6. Reconciled the results of each approach to value employed into a probable range of market value and finally an estimate of value for the subject, as defined herein.
7. Estimated reasonable exposure and marketing times associated with the value estimate.

The site and improvement descriptions included in this report are based on a personal inspection of the subject site and improvements; various documents provided by the owner and purchaser/developer including a unit mix, rent roll, site plan, unit floor plans, historical and budgeted operating statements, discussions with representatives of the current owner; property tax information; and our experience with typical construction features for apartment complexes. The available information is adequate for valuation purposes. However, our investigations are not a substitute for formal engineering studies.

This is a self-contained appraisal report, which is intended to comply with the reporting requirements set forth under Standards Rule 2-2(a) of the Standards of Professional Appraisal Practice. In a self-contained appraisal, all applicable approaches to value are used. The value estimate reflects all known information about the subject, market conditions and available data. This self-contained report incorporates to the fullest extent possible, a practical explanation of the data, reasoning and analysis used to develop the opinion of value. It also includes thorough descriptions of the subject and the market for the property type.

[^1]
## SPECIAL APPRAISAL INSTRUCTIONS

As mentioned above, we were asked to appraise the subject "as is," "upon completion," and "at stabilization." In addition, we were asked to appraise the subject using unrestricted rents, which is a hypothetical condition. The following are generally accepted definitions that pertain to the value estimates provided in this report.

## Market Value "As Is" on Appraisal Date

An estimate of the market value of a property in the condition observed upon inspection and as it physically and legally exists without hypothetical conditions, assumptions, or qualifications as of the date the appraisal is prepared. Market value "as is" assumes a typical marketing period, which we have estimated at 12 months or less.

## Prospective Value Upon Completion of Construction

The value presented assumes all proposed construction, conversion, or rehabilitation is hypothetically completed, or under other specified hypothetical conditions, as of the future date when such construction completion is projected to occur. If anticipated market conditions indicate that stabilized occupancy is not likely as of the date of completion, this estimate shall reflect the market value of the property in its then "as is" leased state (future cash flows must reflect additional lease-up costs, including tenant improvements and leasing commissions, for all areas not pre-leased). For properties where individual units are to be sold over a period of time, this value should represent that point in time when all construction and development cost have been expensed for that phase, or those phases, under valuation.

## Prospective Value Upon Achieving Stabilized Occupancy

The value presented assumes the property has attained the optimum level of long-term occupancy which an income producing real estate project is expected to achieve under competent management after exposure for leasing in the open market for a reasonable period of time at terms and conditions comparable to competitive offerings. The date of stabilization must be estimated and stated within the report.

## Hypothetical Condition on Appraisal Date

That which is contrary to what exists but is supposed for purpose of analysis. Hypothetical conditions assume conditions contrary to known facts about physical, legal or economic characteristics of the subject property or about conditions external to the property, such as market conditions or trends, or the integrity of data used in an analysis.

## REGIONAL OVERVIEW

The following section of the report provides an overview of the 28-county Atlanta Metropolitan Statistical Area or MSA.


## Location and Population

Located in the central, northwestern portion of Georgia, Atlanta is the state's capital and largest city. At almost 5.3 million, the current population of the Atlanta MSA is growing at an annual rate of about 3\% since 2000, adding about 100,000 residents per year. Atlanta ranks as the 9th largest MSA in the U.S., sandwiched between Miami and Boston.

As can be seen in the following table, between 2000 and 2010, the MSA has been growing at a rate over twice as fast as the nation and $1 / 3$ faster than the state of Georgia. The fastest growing counties are Henry, Forsyth and Paulding, all outlying counties and all growing at a rate of around $7.5 \%$ per year. In terms of absolute growth, the two largest counties, Gwinnett and Fulton, lead the way. An interesting facet of the Atlanta MSA growth pattern is the strong growth indicators within the core urbanizing counties. Typically, large older cities show stagnant growth or population loss at the core. Atlanta's growth varies (only one small county shows population loss over the 2000-2010 decade), but is essentially strong throughout.

Chief among the factors driving continued expansion of the MSA population are employment opportunities, transportation, climate, standard of living, and Atlanta's dominant position in the southeast for national and international business, industry, and trade. While it is true that most of the growth in the MSA has occurred in the north, available land in that sector is becoming scarce (as the MSA hits the north Georgia mountains and heads towards the

Alabama border to the west) and the pattern may more strongly turn to the south and west, where affordable land is available and the strong interstate system facilitates commuting patterns.

The following table shows the Atlanta MSA population trend, county by county, from 1990 to 2011 (new Census figures).

| ATLANTA METROPOLITAN STATISTICAL AREA (MSA) POPULATION |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | 2000 to 2010 Chge. |  | 2010 to 2011 Chge. |  |
|  | 1990 | 2000 | 2010 | 2011 | Number | Percent | Number | Percent |
| Barrow | 29,721 | 46,144 | 69,367 | 69,912 | 23,223 | 50\% | 545 | 1\% |
| Bartow | 55,911 | 76,019 | 100,157 | 100,421 | 24,138 | 32\% | 264 | 0\% |
| Butts | 15,326 | 19,522 | 23,655 | 23,504 | 4,133 | 21\% | -151 | -1\% |
| Carroll | 71,422 | 87,268 | 110,527 | 111,159 | 23,259 | 27\% | 632 | 1\% |
| Cherokee | 91,000 | 141,903 | 214,346 | 218,286 | 72,443 | 51\% | 3,940 | 2\% |
| Clayton | 184,100 | 236,517 | 259,424 | 261,532 | 22,907 | 10\% | 2,108 | 1\% |
| Cobb | 453,400 | 607,751 | 688,078 | 697,553 | 80,327 | 13\% | 9,475 | 1\% |
| Coweta | 53,853 | 89,215 | 127,317 | 129,629 | 38,102 | 43\% | 2,312 | 2\% |
| Dawson | 9,429 | 15,999 | 22,330 | 22,459 | 6,331 | 40\% | 129 | 1\% |
| DeKalb | 553,800 | 665,865 | 691,893 | 699,893 | 26,028 | 4\% | 8,000 | 1\% |
| Douglas | 71,700 | 92,174 | 132,403 | 133,355 | 40,229 | 44\% | 952 | 1\% |
| Fayette | 62,800 | 91,263 | 106,567 | 107,784 | 15,304 | 17\% | 1,217 | 1\% |
| Forsyth | 44,083 | 98,407 | 175,511 | 181,840 | 77,104 | 78\% | 6,329 | 4\% |
| Fulton | 670,800 | 816,006 | 920,581 | 949,599 | 104,575 | 13\% | 29,018 | 3\% |
| Gwinnett | 356,500 | 588,448 | 805,321 | 824,941 | 216,873 | 37\% | 19,620 | 2\% |
| Hall | 95,984 | 139,677 | 179,684 | 183,052 | 40,007 | 29\% | 3,368 | 2\% |
| Haralson | 21,966 | 25,690 | 28,780 | 26,638 | 3,090 | 12\% | -2,142 | -7\% |
| Heard | 8,628 | 11,012 | 11,834 | 11,744 | 822 | 7\% | -90 | -1\% |
| Henry | 59,200 | 119,341 | 203,922 | 207,360 | 84,581 | 71\% | 3,438 | 2\% |
| Jasper | 8,453 | 11,426 | 13,900 | 13,885 | 2,474 | 22\% | -15 | 0\% |
| Lamar | 13,038 | 15,912 | 18,317 | 18,194 | 2,405 | 15\% | -123 | -1\% |
| Meriwether | 22,441 | 22,534 | 21,992 | 21,612 | -542 | -2\% | -380 | -2\% |
| Newton | 41,808 | 62,001 | 99,958 | 100,814 | 37,957 | 61\% | 856 | 1\% |
| Paulding | 41,611 | 81,678 | 142,324 | 143,542 | 60,646 | 74\% | 1,218 | 1\% |
| Pickens | 14,432 | 22,983 | 29,431 | 29,415 | 6,448 | 28\% | -16 | 0\% |
| Pike | 10,224 | 13,688 | 17,869 | 17,751 | 4,181 | 31\% | -118 | -1\% |
| Rockdale | 54,500 | 70,111 | 85,215 | 85,765 | 15,104 | 22\% | 550 | 1\% |
| Spalding | 54,457 | 58,417 | 64,073 | 64,033 | 5,656 | 10\% | -40 | 0\% |
| Walton | 38,586 | 60,687 | 83,768 | 84,580 | 23,081 | 38\% | 812 | 1\% |
| MSA Total | 3,209,173 | 4,387,658 | 5,448,544 | 5,540,252 | 1,060,886 | 24\% | 91,708 | 2\% |
| State: Georgia | 6,478,216 | 8,186,453 | 9,687,653 | 9,815,210 | 3,336,994 | 18\% | 127,557 | 1\% |
| U.S. | 248,709,873 | 281,421,906 | 308,745,538 | 311,591,917 | 62,882,044 | 10\% | 2,846,379 | 1\% |
| Source: U.S. C | nsus Bureau |  |  |  |  |  |  |  |

## Employment By Industry

A key factor in Atlanta's population growth is the strength of its regional economy. Atlanta has a vigorous, diverse economic base. Only broad based, overall declines in the national economy are likely to affect the region's economy to any significant extent. A breakdown of employment by industry sector within the MSA (from The Georgia Department of labor) is presented below.

| MSA INDUSTRY MIX |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Establishments |  |  | Employment |  |  |
|  | 2010 | 2012(1) | \% Change | 2010 | 2012(1) | \% Change |
| Construction | 11,953 | 11,396 | -4.7\% | 87,239 | 82,396 | -5.6\% |
| Manufacturing | 4,625 | 4,613 | -0.3\% | 140,948 | 145,390 | 3.2\% |
| Finance/Info./Real Estate | 18,233 | 18,611 | 2.1\% | 208,611 | 216,042 | 3.6\% |
| Wholesale Trade | 11,154 | 11,892 | 6.6\% | 127,792 | 129,422 | 1.3\% |
| Retail Trade | 15,908 | 16,111 | 1.3\% | 241,497 | 246,255 | 2.0\% |
| Professional/Tech./Scientific | 22,312 | 23,305 | 4.5\% | 154,312 | 166,473 | 7.9\% |
| Health Care/Social Assistance | 11,791 | 12,461 | 5.7\% | 213,204 | 237,233 | 11.3\% |
| Accommodation/Food Services | 10,116 | 10,468 | 3.5\% | 197,786 | 192,782 | -2.5\% |
| Transport/Warehousing | 3,367 | 3,821 | 13.5\% | 105,839 | 128,651 | 21.6\% |
| Adminstration/Support/Waste Mgt. | 9,324 | 9,415 | 1.0\% | 161,422 | 166,190 | 3.0\% |
| Government | 3,112 | 4,481 | 44.0\% | 319,296 | 321,259 | 0.6\% |
| All Other | 23,143 | 14,364 | -37.9\% | 176,333 | 135,406 | -23.2\% |
| Total <br> * includes private and government <br> Source: Georgia Department of Lab | 145,038 |  | -2.8\% | 2,134,279 | 2,167,499 | 1.6\% |

As can be seen on this chart, in terms of absolute job numbers, the Government sector dominates the Atlanta employment base. This sector includes the entire county, city and state educational industries as well as state supported colleges and most of the state government structure. Health Care, Retail Trade and Finance also have high employment figures. From 2010, Transportation and Warehousing and Health Care have shown significant growth, while Construction has declined.

## Unemployment

The unemployment rates for the Atlanta MSA over the years have generally equaled or consistently bettered the state and national averages. However, recently the state of Georgia, as well as the Atlanta MSA, unemployment has been climbing. According to a recent article in the Atlanta Journal-Constitution, Georgia's State Labor Commissioner - Michael Thurmond, stated the state of Georgia is facing an increasingly difficult economic environment. However, economists believe the rate to be a lagging and somewhat inexact indicator. Critics argue that a slowing economy typically does not immediately shove jobless rates much higher. On the other hand, an improving economy is often accompanied by rising rates as more people seek work. The following table looks at the MSA trend since 2005 and compares it with the state and the nation.

| UNEMPLOYMENT RATES - ANNU AL AVERAGES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | Feb-13 |
| Atlanta MSA | 4.7\% | 4.2\% | 6.2\% | 9.6\% | 10.2\% | 9.6\% | 8.7\% | 8.7\%* |
| Georgia | 4.6\% | 4.4\% | 6.2\% | 9.6\% | 10.2\% | 9.8\% | 9.0\% | 8.6\% |
| U.S. | 4.6\% | 4.6\% | 5.8\% | 9.3\% | 9.6\% | 8.9\% | 8.1\% | 7.7\% |

Source: Georgia Department of Labor / Atlanta Regional Commission
*Reflects the January 2013 figures

The unemployment rates for the Atlanta MSA over the years have generally equaled or consistently bettered the state and national averages. However, recently unemployment has been climbing in the state of Georgia, as well as in the Atlanta MSA., and is currently slightly above the National percentage. Recently, however, all three rates have seen a dip. It does not include people who are out of work and have not been looking for a job and it does not include people who have worked even a little bit in the past month. Moreover, the jobless rate is calculated from a more limited survey than the one that produces the monthly figure on job growth.

## Largest Employers

As indicated in the following chart, Atlanta's top employer continues to be Delta Airlines, Wal-Mart, Gwinnett County Public Schools, and Emory University. It is important to note that several of Atlanta's highest profile companies do not quite make the list of largest employers. For example, Coca Cola, Turner Broadcasting, Georgia Pacific, Bank of America, and the Georgia Institute of Technology were under the threshold.

|  | MAJOR EMPLOYERS - ATLANTA REGION <br> Rank |  |
| :---: | :--- | :--- |
| 1 | Company <br> Atlanta Employees |  |
| 2 | Wal-Mart Stores | 27,000 |
| 3 | Gwinnett County Public Schools | 26,000 |
| 4 | Emory University | 20,623 |
| 5 | Cobb County Public Schools | 17,994 |
| 6 | DeKalb County Public Schools | 14,027 |
| 7 | USPS - Atlanta District | 13,267 |
| 8 | Publix Super Markets, Inc. | 10,342 |
| 9 | The Home Depot | 9,453 |
| 10 | Centers for Disease Control (CDC) | 9,000 |
| Source: Atlanta Business Chronicle, Book of Lists 2011-2012 |  |  |

Other large employers (not on the list) GM and Ford announced auto plant closures. However, Delta has emerged from its bankruptcy, taking on a new Asian market - China, and has completed a $\$ 17.7$ billion merger of Delta Airlines, Inc. and Northwest Airlines that keeps the headquarters in Atlanta, which is good news for the local economy. Although the Ford and GM plants have closed, Kia opened a new $\$ 1$ billion 2.2 million square-foot auto plant in 2009 just outside the metro area's southwestern boundary near LaGrange, GA.

## Income, Median Age, Home Value, and Education

According to a demographic report by STDBOnline, for 2010, the average household income estimate is $\$ 85,998$ (2000 figure was $\$ 66,876$ ), with a median of $\$ 68,106$. The median home value for the MSA is $\$ 145,533$ (versus 2000 figure of $\$ 130,800$ ). As per the

2010 estimate, $87 \%$ of the population had completed high school, and $34 \%$ had at least a fouryear college degree.

## MARKET SECTOR SNAPSHOTS

## Retail

According to the CoStar Retail Report, First Quarter 2013, the Atlanta retail market did not experience much change in market conditions in the first quarter 2013. The vacancy rate remained at $9.6 \%$ compared with the previous quarter. Net absorption was positive 312,310 square feet and vacant sublease space increased by 56,647 square feet. Quoted rental rates increased from fourth quarter 2012 levels, ending at $\$ 13.00$ per square foot. A total of seven retail buildings with 154,534 square feet of retail space were delivered to the market in the quarter, with $1,104,979$ square feet still under construction at the end of the quarter. Cap rates were higher in 2012, averaging $8.70 \%$ compared to the same period in 2011 when they averaged 8.52\%.

## Multi-Family

According to Atlanta Apartment Market Tracker - Year End 2012 published by Dale Henson Associates, Inc., there are over 411,000 apartment units in market rate projects that contain over 50 units in the 11-county Tracker area. For 2012, unit starts were 4,343, up significantly from the 2011 figure of 2,537 . There were 1,788 new units delivered in 2012 and 1,478 new units absorbed. The comparable 2011 figures were 1,331 new units delivered and 2,400 new units absorbed. Street rents in 2012 averaged $\$ 796$, up $0.4 \%$ from the 2011 average figure of $\$ 793$. Average class A rents in 2012 were $\$ 1,354$, up $2.1 \%$ from the 2011 figure of $\$ 1,326$. Average monthly effective rents in garden properties in the eleven-county Tracker area increased $2.4 \%$ from 2011 (from $\$ 759$ in 2011 to $\$ 777$ in 2012). Class A effective rent was at $\$ 954$ in 2012 versus $\$ 911$ in 2011, a $4.6 \%$ increase. Occupancy in the eleven core counties (garden properties only) increased to $90.8 \%$ in 2012, versus $89.8 \%$ in 2011. Class A occupancy went from $92.9 \%$ in 2011 to $94.0 \%$ in 2012.

## Office

According to the PwC Real Estate Investor Survey -First Quarter 2013, the Atlanta office market is gaining momentum, buoyed by an improving local economy and positive net absorption. "An overall steady recovery is occurring in this market, and institutional capital is taking note," states an investor. Another investor reveals, "We like Atlanta and believe it is a good value." Investors shopping office assets in Atlanta indicate that sale prices range from $50.0 \%$ to $100.0 \%$ of replacement cost. The average sale price of $77.5 \%$ of replacement cost is
below the aggregate average of $85.0 \%$ for the 18 individual office markets in our survey. However, surveyed investors foresee office property values increasing as much as $10.0 \%$ in Atlanta over the next 12 months. The average expected increase is just under 4.0\%. While positive trends are occurring in many submarkets, expectations for future rent growth remain subdued as indicated by this quarter's average initial-year market rent change rate, which remains below $1.0 \%$. Survey participants highlight the Central Perimeter as a top submarket in terms of rent growth. "Without speculative construction and nearly one million square feet of absorption last year, the Central Perimeter should see rent growth of $4.0 \%$ to $5.0 \%$ in 2013," predicts an investor.

## Industrial

According to the CoStar Industrial Report - Fourth Quarter 2012, the Atlanta Industrial market ended the fourth quarter of 2012 with a vacancy rate of $12.0 \%$. The vacancy rate improved from 12.45 in the third quarter 2012. Net absorption totaled a positive 1,953,676 square feet in the fourth quarter. Vacant sublease space decreased in the quarter, ending the quarter at $3,013,082$ square feet. Rental rates ended the fourth quarter at $\$ 3.80$, a slight improvement over the previous quarter figure of $\$ 3.78$. One building was delivered in the market area in the fourth quarter ( 8,500 square feet). A total of $1,598,581$ square feet were still under construction at the end of the quarter. This compares to $1,155,640$ square feet at the end of the third quarter and to $2,904,342$ square feet still under construction at the end of the second quarter. The Industrial vacancy rate for Atlanta $t$ the end of the fourth quarter 2012 was $12.0 \%$. It was $12.3 \%$ at the end of the third quarter and $12.4 \%$ at the end of the second quarter. The largest lease signing in 2012 was for 1,044,288 square feet by Owens Corning in south Atlanta (McClarin Road). Total year-to-date building sales were up in Atlanta through the first nine months of 2012 versus the comparable period in 2011. There were 187 transactions totaling $\$ 780,845,511$ in the first nine months of 2012. Cap rates have been lower in 2012, averaging 7.89\%, compared to the first nine months of last year when they averaged 8.88\%.

## Housing

According to the March 2013 Federal Reserve Beige Book for Atlanta's Sixth District, conditions appear to have improved modestly in January and early February and the outlook among most contacts remained generally optimistic across sectors. Homebuilders and brokers noted home sales and prices were above year-ago levels for new and existing homes, while commercial real estate markets continued to witness slow but steady improvements in overall activity. According to District brokers, sales growth moderated somewhat on a year-over-year basis but the majority reported that sales were ahead of year earlier levels. Existing home inventories continued to contract and several brokers reported that this was constraining sales. Many noted that properties were receiving multiple offers, particularly at the low-end of
the market. Home prices were reported to be ahead of the year earlier level and spring home sales are expected to exceed the year earlier level, as well.

## Convention Trade

Tourism is a major business in Atlanta. The city hosts on average about 17,000,000 visitors a year. The industry typically generates between three and four billion in annual revenues. Convention and trade show business ranks as Atlanta's largest industry. Estimates vary, but overall annual attendance is approximately three million, with delegates spending an average of almost $\$ 200$ per person, per day. To accommodate visitors there are approximately 92,000 hotel rooms in the 28 -county metro area. As other cities continue to offer increasing competition for Atlanta's convention business, namely Orlando, Miami, Las Vegas and New Orleans, the city continually strives to improve its facilities. The largest facility, the Georgia World Congress Center (GWCC), completed its expansion from 950,000 to 1.4 million square feet of exhibit space, in 2002. The top trade shows and conventions booked during 2011 in Atlanta are shown next.

| TOP TRADE SHOWS AND CONVENTIONS IN ATLANTA FOR 2011/2012 |  |  |
| :--- | :---: | :---: |
| Show | Estimated or expected <br> No. of Attendees | Location |
| AmericasMart January Gift \& Home Furnishings Market | 93,000 | AmericasMart Atlanta |
| Cheersport Limited 2011 | 80,000 | GWCC |
| AmericasMart July Gift \& Home Furnishings Market | 72,600 | AmericasMart Atlanta |
| Chick-fil-a Bowl | 72,217 | Georgia Dome |
| Wrestlemania 2011 | 71,617 | Georgia Dome |
| Chick-fil-a College Kick-Off | 71,000 | Georgia Dome |
| SEC Football Championship 2011 | 70,000 | Georgia Dome |
| Atlanta Football Classic 2011 | 60,000 | Georgia Dome |
| Tampa Bay Volleyball Big South Qualifier 2011 | 51,822 | GWCC |
| Bronner Bros. Mid-Winter 2011 International Hair Show | 45,000 | GWCC |
| Source: Atlanta Business Chronicle, Book of Lists 2011-2012 |  |  |

## Transportation

The Atlanta region's continued emphasis on upgrading the transportation system is a significant factor in the area's economic growth and development. The main focus on improvement has been primarily in three areas over the recent past: the Metropolitan Atlanta Rapid Transit Authority (MARTA) commuter railway project; Hartsfield-Jackson Atlanta International Airport; and the interstate highway system.

MARTA is a public agency that provides mass rail transportation in the two most populated counties of the Atlanta region. Its transit system consists of extensive bus service (over 150 routes) and a heavy-rail, rapid transit system in DeKalb and Fulton Counties. The
rail system consists of north-south and east-west lines that intersect near the center of Atlanta's CBD. The system currently consists of 47 miles of rail and 38 stations, including one at Hartsfield Airport. Cobb, Gwinnett and Clayton counties also have bus transit systems that have routes to the CBD, as well as links to other MARTA routes.

The interstate highway system in and around Atlanta is well developed. Encircling the city is the six- to 10 -lane, 64 -mile, l-285. The highway system also includes three major freeways that intersect in the middle of town and radiate out in all directions. These are I-20 (east/west), I-75 (northwest/southeast), and I-85 (northeast/southwest). Additionally, the extension of Georgia Highway 400 from I-285 to I-85 near the downtown connector was completed in 1993. This is Atlanta's first toll road and provides multiple-lane, direct access to the central business district for residents of north Fulton and Forsyth Counties.

Hartsfield-Jackson Atlanta International Airport is the world's largest passenger terminal complex and the world's busiest airport. In 2008, Hartsfield-Jackson Atlanta International Airport accommodated some 85 million passengers and almost one million flight operations. Since 1998, Hartsfield-Jackson has been the busiest airport in the world, thus making it the busiest airport in the history of aviation. Hartsfield-Jackson is also one of the world's leading air cargo terminals, ranked $22^{\text {nd }}$ globally. Only Atlanta, Los Angeles and Chicago are both top 10 U.S cargo and passenger airport lists.

Hartsfield-Jackson is now in the process of a 10-year, $\$ 5.4$ billion expansion. The initial phase involved acquisition of 550 acres of land and construction of a fifth runway of 9,000 feet, which opened May 2006. This was followed by expansion of parking capacity, relocation of the control tower and rental car complex, and new road systems.

## Other Features

Some additional features of Atlanta are 29 degree-granting colleges and universities and the Jimmy Carter Presidential Center. Atlanta is one of few cities with three major professional sports teams: football with the Atlanta Falcons (1998 NFC Champions); basketball with the Atlanta Hawks; and baseball with the Atlanta Braves (1992, 1996, and 2000 National League Champions and 1995 World Series Champions); The Atlanta Thrashers hockey team moved from Atlanta to Winnipeg, Manitoba in June 2011. Additionally, the Atlanta area hosts a major NASCAR race every year (over 100,000 in attendance). Major recreational attractions include Six Flags Over Georgia, Stone Mountain Park, Lakes Sidney Lanier and Allatoona, and multiple museums and theater venues. New attractions in the Atlanta area include the Georgia Aquarium and Atlantic Station.

Over the last decade, Atlanta has been a huge presence in the world of spectator sports. It all started with its selection as the site of the 1996 Summer Olympics. A key factor in that achievement, as well as the city's hosting of the 1994 and 2000 Super Bowls, 2002 and

2007 NCAA Men's Basketball Final Four, 2003 NCAA Women's Basketball Final Four, and major indoor track events, has been the Georgia Dome. This indoor stadium was completed for the Falcons' 1992 football season. Coupled with recent improvements to the nearby Georgia World Congress Center, it has proven to be a big plus for the city. The spin-off from the events has further enhanced Atlanta's reputation as a true international city, not to mention the significant economic impact. Phillip's Arena hosted the NHL all-star game in 2008.

## CONCLUSIONS I OUTLOOK

One of the recognized experts on the Atlanta economy is Dr. Rajeev Dhawan of Georgia State University in Atlanta. In May 2012, he released his quarterly forecast for the local economy. He indicated potential good news for job seekers in metro Atlanta and Georgia in the second half of 2012 and 2013: more positions will be added than lost over the next 36 months. The bad news: home values, which have yet to show they have hit bottom, will continue to struggle and that will probably lead to more layoffs in local governments whose revenue depends on property tax collections.

In his quarterly economic forecast, he predicted Atlanta will add 37,600 jobs this year and 47,300 in 2013. That's a switch from 2011 when the area was losing employment. It's also an increase from Dhawan's prior forecasts. But the job growth and housing demand it could spark will not be enough to lift home prices out of the doldrums this year, he said, adding that may take another year or more.

Another expert, economist Jeff Humphreys, director of the Selig Center for Economic Growth at the University of Georgia, forecasts one percent employment growth for the state and metro Atlanta in 2012 and 2013. He said the private sector, which has shed jobs in technology, construction and financial activities during the downturn, will complete restructuring by year's end and be in better shape to hire in 2013. But Humphreys thinks there is a 30 percent chance the nation could fall into another recession next year, especially if Europe continues to teeter financially, oil prices rise and the federal government doesn't address spending. Nationwide recession could derail Georgia's recovery and reverse the progress of 2012, Humphreys said.

## NEIGHBORHOOD OVERVIEW

## Location and Boundaries

The subject is located south of Merritts Avenue, east of Lovejoy Street, west of Interstate 75, and north of Hunnicutt Street. It is bisected by Pine Street and Centennial Park

Drive, within the city limits of Atlanta, Fulton County, Georgia, at the center of the Atlanta CBD. We are defining the neighborhood boundaries as Collier Road to the north, Moreland Avenue to the east, State Route 54 / McDonough Boulevard to the south and Lake Avenue to the west. A neighborhood map is presented below with a larger map, as well as a regional map, included in the Addenda.


## Access and Availability of Utilities

Accessibility of the neighborhood is considered good. The buildings are convenient to the interstate and to arterial roads, with multiple interior streets and access to parking courtyards. Exposure is also good, with buildings arranged around the perimeter of the blocks and parking within the courtyard interiors of the blocks. Phase I units have frontage along Merritts Avenue, Lovejoy, Pine, Center, Hunnicutt and McAfee Streets; and Centennial Park Drive. Streets are asphalt paved and bidirectional, with curbside parking. Centennial Park Drive provides the primary access to Interstates I-75 and I-85 via North Avenue, which is located $1 / 4$ mile to the north. Both Interstates provide north and south access through downtown Atlanta. South of the subject (approximately $1 / 2$ mile), Simpson Street (a.k.a Jones Avenue south of the subject, Joseph E. Boone Boulevard west of Joseph E. Lowery Boulevard, Ivan Allen Boulevard and Ralph McGill Boulevard east of Interstates I-75/85) is a two-four lane roadway that runs in an east to west direction through downtown Atlanta.

Other primary roadways in the subject area are Tech Parkway / Luckie Street, the western most border of the subject development, which runs north/south parallel to Marietta Street. D.L. Hollowell Parkway is four lanes with a center turn lane or a median, and provides
east to west traffic flows respectively. D.L. Hollowell Parkway extends west from I-75/85. Furthermore, D.L. Hollowell Parkway continues west outside of the I-285 (accessed six miles west of the subject) perimeter into the cities of Mableton and Douglasville, running parallel to I20 (accessed 1.5 miles south of the subject) into Alabama. East of I-75/85 D.L. Hollowell Parkway merges into North Avenue where it continues east through Midtown Atlanta and the city of Decatur in neighboring DeKalb County. Approximately $1 / 2$ mile northwest of the subject is Marietta Boulevard, which runs in a north to south direction from D.L. Hollowell Parkway to Atlanta Road, where it continues in a northwesterly direction through Vinings and Smyrna in neighboring Cobb County.

The subject neighborhood has a number of secondary roadways that enhance accessibility to and throughout the area. All of the streets serving the neighborhood are asphalt-paved, with surface and subsurface drainage. Sidewalks are common in improved areas with a combination of overhead and underground utilities. Utilities available to the neighborhood include public water, sanitary sewer, electricity, natural gas and telephone. Municipal services in the area include police and fire protection. The availability of schools, public services, places of worship, recreation and employment are very good in the area.

## Land Use

The predominant land use in the subject's neighborhood is Georgia Institute of Technology (Georgia Tech). The Georgia Institute of Technology is one of the nation's top research universities, with programs focused on advanced science and technology. Georgia Tech's campus occupies 400 acres in the city of Atlanta. Current enrollment includes more than 21,500 undergraduate and graduate students and 900 full time faculty. Georgia Tech is accredited by the Southern Association of Colleges and Schools (SACS) and offers many nationally recognized, top-ranked programs. Georgia Tech is consistently ranked in U.S. News \& World Report's top ten public universities in the United States. The campus begins $1 / 4$ mile north of the subject on the north side of North Avenue. Georgia State University has facilities within a quarter-mile of the subject as well, with some student housing corner-adjacent the subject on the east side of Centennial Park Drive.

The northwestern portion of the neighborhood encompasses one of metropolitan Atlanta's oldest industrial areas, the Chattahoochee Industrial District. The past decade has seen this area experience an explosion of new development, primarily along parts of Northside Drive, Ellsworth Industrial Drive and Marietta Street. The area's rail road infrastructure, built in the 1800's, allowed for the development of large warehouse and manufacturing facilities that are now being converted to planned "Live, Work, Play" developments.

South of the subject, within $1 / 2$ mile, are numerous downtown tourist attractions including Centennial Olympic Park, Georgia Aquarium, Georgia World Congress Center,

Georgia Dome and Phillips Arena. Coca Cola Enterprises headquarters are $1 / 4$ mile northwest on the south side of North Avenue.

Emory University Hospital (formerly known as Crawford Long) Midtown is less than $1 / 2$ mile east of the subject on the east side of the interstate. Emory University Hospital Midtown is a 511-bed community-based, acute care teaching facility and full-service hospital located in Midtown Atlanta. A part of Emory Healthcare, the hospital offers a full range of services, which include general medicine, maternal and infant care, orthopedics and surgery. Emory University Hospital Midtown is staffed by 600 Emory medical faculty and 800 community physicians. More than 23,205 inpatients and 143,961 outpatients come to Emory University Hospital Midtown each year. Patients receive care from community-based physicians, physicians of The Emory Clinic and from a highly-trained staff of nurses and other clinical professionals. Medical services include 56 intensive care beds, a level III neonatal intensive care unit (NICU), and four hyperbaric oxygen units. This full-service hospital is known for services in cancer, cardiology, cardiac surgery, gastroenterology, and emergency medicine. Women's services include prenatal and postnatal education, bone density testing, mammography, and obstetrics, with a specialization in high-risk pregnancy.

There are also observed a number of churches, government services and schools in the area. Schools serving the subject include Centennial Elementary, and Washington and Henry Grady High Schools. The Zell Miller Community Center and YMCA are adjacent to the north of the subject. Because of the large scope of the subject development, there are numerous adjacent uses that include single family condos, university facilities associated with Georgia State and Georgia Tech, and government services buildings.

## Demographics

To gain additional insight into the characteristics of the subject's neighborhood, we reviewed a demographic study prepared by ESRI through STDBOnline. The information in the following table primarily pertains to a three-mile radius around the subject property and the Atlanta metropolitan statistical area (MSA). The full reports are included in the Addenda.

| DEMOGRAPHICS SUMMARY <br> Area: 3- Mile Radius, 526 Centennial Olympic Park Drive |  |  |
| :---: | :---: | :---: |
| 2000 | 2012 | 2017 |
| Population 144,881 | 158,949 | 172,089 |
| Growth | 10\% | 8\% |
| Households 61,274 | 73,064 | 81,600 |
| Growth | 19\% | 12\% |
|  | 3 Mile Ring | Atlanta MSA |
| Income |  |  |
| Average HH | \$61,956 | \$85,998 |
| Median HH | \$39,474 | \$68,106 |
| Per Capita | \$34,004 | \$31,282 |
| Median Home Value | \$216,244 | \$145,533 |
| Housing Units |  |  |
| Renter - Occupied | 52\% | 30\% |
| Owner - Occupied | 29\% | 60\% |
| Vacant | 19\% | 10\% |
| Average Household Size | 1.82 | 2.72 |
|  | 1969 or |  |
| Most Homes Built (decade) | Earlier | 1990s |
| Percentage | N/Av | 31\% |
| Education Levels (Adults > 25) |  |  |
| High School Graduate | 84\% | 87\% |
| 4-Year College Degree | 47\% | 34\% |
| Largest Employment Categories |  |  |
| Services | 42\% | 36\% |
| Retail Trade | 8\% | 12\% |
| Construction | 3\% | 8\% |
| Professional, Scientific, Technical | 16\% | 9\% |
| Finance/Insurance/Real Estate | 7\% | 8\% |
| Manufacturing | 4\% | 7\% |

Source: ESRI forecasts for 2010 \& 2012 based on 2000 US Census Data.

The demographic information illustrates the subject neighborhood's moderate growth in population and households since 2000, and this trend is expected to continue over the next five years. Overall, income levels are lower than those for the MSA and area residents are slightly less educated when it comes to high school graduates. The proximity of Georgia Tech and Georgia State Universities inflates the college educated figures. Homes are weighted towards renters and there is a large percentage of vacancies. Employment is weighted towards services, particularly professional, scientific and technical, again showing the influence of Georgia Tech.

## Conclusion

In general, the neighborhood is an established and moderately growing urban area of downtown Atlanta. The area appears to be adequately served by supportive retail and service businesses. Access to and through the area is good with easy access to several major interstates. We expect the overall demographic nature and development characteristics of the neighborhood to remain relatively consistent, with continued moderate growth over the foreseeable future, limited only by the availability of developable land or re-developable properties.

The site and improvement descriptions included in this report are based on a personal inspection of the subject site and improvements; various documents provided by the owner and purchaser/developer including a unit mix, rent roll, site plan, unit floor plans, historical and budgeted operating statements, discussions with representatives of the current owner; property tax information; and our experience with typical construction features for apartment complexes. The available information is adequate for valuation purposes. However, our investigations are not a substitute for formal engineering studies.

## SITE DESCRIPTION

| Address: | 526 Centennial Olympic Park Drive |
| :--- | :--- |
|  | Atlanta, Fulton County, GA 30313 |

Location: South of Merritts Avenue, east of Lovejoy Street, west of Interstate 75, and north of Hunnicutt Street. It is bisected by Pine Street and Centennial Park Drive, within the city limits of Atlanta, Fulton County, Georgia, at the center of the Atlanta CBD.

Tax Parcel Number: 14007900020138, 14007900020203, 14007900060191, and 14007900030756


Land Area:
Shape and Frontage:

Ingress and Egress:

Topography and Drainage: The subject site is graded, buildings have piped downspouts and paved areas have collection basins. Drainage occurs in a number of directions. The parking/drive areas are sloped to

Soils:

Easements:
promote subsurface drainage. We are unaware of any drainage issues and assume that none exist.

We were not provided a geotechnical exploration report. We are not aware of any soil problems and assume the site can support the existing improvements both now and into the future. We have no expertise in this area. We recommend the consultation of a specialist for further questions of this nature.

The provided site plans show easements for utilities and roadways, and for Interstate 75/85along the eastern border. We assume the only other easements are those typically provided for the installation and maintenance of utilities or other right of way easements. We are aware of no detrimental easements and assume that none exist. However, we are not qualified in this legal matter.

Covenants, Conditions, and Restrictions:

Utilities/Services:

Flood Zone:

Environmental Issues: We were not provided a Phase I Environmental Assessment. We did not observe any evidence of environmental contamination on inspection. However, we are not experts in this area and suggest the consultation of an expert if a problem is suspected.

This analysis assumes that there is no hazardous material on or in the property, including land and improvements, which would cause a significant loss in value. We reserve the right to adjust our conclusion of value if any environmental conditions are discovered.

Conclusion: The subject site is considered to have adequate overall physical utility for its current use. This conclusion is based on the site's size, shape, topography, accessibility and exposure, and availability of all utilities and services. Additionally, it is our opinion that the improvements reflect good utilization of the site's physical characteristics.

## IMPROVEMENT DESCRIPTION

Construction Class: The class of construction is the basic subdivision in Marshall Valuation Service dividing all buildings into five basic groups by type of framing (supporting columns and beams), walls, floors, roof structure, and fireproofing. The subject buildings feature woodframe construction with wood and brick-veneer siding exteriors. According to the Marshall Valuation Service cost manual, the buildings qualify as average, Class $\mathrm{D}^{1}$ construction.

Competitive Rating: The subject is perceived in its market as a Class B property in terms of quality, features, amenities and age.

Unit Mix:

|  | UNIT MIX AND MARKET RENT SCHEDULE - AS IS MAY 2013 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Centennial Place Phase I Apartments |  |  |  |  |  |  |  |  |  |
|  | No. | Unit | Total | Average | Monthly | Rent | Total |  |  |  |
| Unit Type | Units | SF | SF | Res Rent | Unit Rent | SF | Income |  |  |  |
| 1BR/1BA Market | 29 | 688 | 19,952 | $\$ 775.00$ | $\$ 852$ | $\$ 1.24$ | $\$ 296,496$ |  |  |  |
| 1BR/1BA Market | 1 | 688 | 688 | $\$ 0.00$ | $\$ 835$ | $\$ 1.21$ | $\$ 10,020$ |  |  |  |
| 1BR/1BA PHA | 9 | 688 | 6,192 | $\$ 130.88$ | $\$ 651$ | $\$ 0.95$ | $\$ 70,308$ |  |  |  |
| 1BR/1BA PHA HC | 1 | 688 | 688 | $\$ 323.00$ | $\$ 610$ | $\$ 0.89$ | $\$ 7,320$ |  |  |  |
| 1BR/1BA LIHTC 60\% | 26 | 688 | 17,888 | $\$ 643.36$ | $\$ 599$ | $\$ 0.87$ | $\$ 186,888$ |  |  |  |
| 2BR/1BA Market | 4 | 869 | 3,476 | $\$ 886.67$ | $\$ 815$ | $\$ 0.94$ | $\$ 39,120$ |  |  |  |
| 2BR/1BA Market | 1 | 875 | 875 | $\$ 990.00$ | $\$ 815$ | $\$ 0.93$ | $\$ 9,780$ |  |  |  |
| 2BR/2BA Market | 23 | 1,057 | 24,311 | $\$ 958.68$ | $\$ 1,049$ | $\$ 0.99$ | $\$ 289,524$ |  |  |  |
| 2BR/2BA Market | 3 | 1,041 | 3,123 | $\$ 1,109.33$ | $\$ 1,049$ | $\$ 1.01$ | $\$ 37,764$ |  |  |  |
| 2BR/1.5BA Market | 2 | 1,215 | 2,430 | $\$ 1,357.00$ | $\$ 1,049$ | $\$ 0.86$ | $\$ 25,176$ |  |  |  |
| 2BR/2BA PHA | 23 | 869 | 19,987 | $\$ 202.29$ | $\$ 790$ | $\$ 0.91$ | $\$ 218,040$ |  |  |  |
| 2BR/2BA PHA HC | 2 | 869 | 1,738 | $\$ 144.00$ | $\$ 790$ | $\$ 0.91$ | $\$ 18,960$ |  |  |  |
| 2BR/2BA PHA | 16 | 1,041 | 16,656 | $\$ 327.33$ | $\$ 790$ | $\$ 0.76$ | $\$ 151,680$ |  |  |  |
| 2BR/2BA PHA | 2 | 1,057 | 2,114 | $\$ 91.50$ | $\$ 790$ | $\$ 0.75$ | $\$ 18,960$ |  |  |  |
| 2BR/2BA LIHTC 60\% | 3 | 869 | 2,607 | $\$ 756.50$ | $\$ 772$ | $\$ 0.89$ | $\$ 27,792$ |  |  |  |
| 2BR/2BA LIHTC 60\% | 4 | 1,041 | 4,164 | $\$ 811.00$ | $\$ 772$ | $\$ 0.74$ | $\$ 37,056$ |  |  |  |
| 2BR/1.5BA LIHTC 60\% | 1 | 1,215 | 1,215 | $\$ 829.00$ | $\$ 772$ | $\$ 0.64$ | $\$ 9,264$ |  |  |  |
| 3BR/2.5BA Market | 1 | 1,254 | 1,254 | $\$ 1,499.33$ | $\$ 1,185$ | $\$ 0.94$ | $\$ 14,220$ |  |  |  |
| 3BR/2.5BA Market | 1 | 1,340 | 1,340 | $\$ 1,499.33$ | $\$ 1,575$ | $\$ 1.18$ | $\$ 18,900$ |  |  |  |
| 3BR/2.5BA Market | 1 | 1,594 | 1,594 | $\$ 1,499.33$ | $\$ 1,675$ | $\$ 1.05$ | $\$ 20,100$ |  |  |  |
| 3BR/2.5BA PHA | 19 | 1,254 | 23,826 | $\$ 316.05$ | $\$ 919$ | $\$ 0.73$ | $\$ 209,532$ |  |  |  |
| 3BR/2.5BA LIHTC 60\% | 3 | 1,254 | 3,762 | $\$ 898.60$ | $\$ 750$ | $\$ 0.60$ | $\$ 27,000$ |  |  |  |
| 3BR/2.5BA LIHTC 60\% | 2 | 1,594 | 3,188 | $\$ 898.60$ | $\$ 750$ | $\$ 0.47$ | $\$ 18,000$ |  |  |  |
| 4BR/2.5BA Market | 2 | 1,581 | 3,162 | $\$ 1,837.50$ | $\$ 1,820$ | $\$ 1.15$ | $\$ 43,680$ |  |  |  |
| 4BR/2.5BA PHA | 2 | 1,581 | 3,162 | $\$ 579.00$ | $\$ 1,031$ | $\$ 0.65$ | $\$ 24,744$ |  |  |  |
| Totals/Average | 181 | 936 | 169,392 |  | $\$ 843$ | $\$ 0.90$ | $\$ 1,830,324$ |  |  |  |

Improvement Summary
Area (SF):
Year Built:
Type:
Units:
Condition:
Buildings/Stories:
Access:

169,392-SF net leasable / 936-SF average 1996
Garden-style

## 181

Average
22 two- and three-story apartment buildings and a free-standing management building Walk-up with breezeways

[^2]| Exterior Description | Foundation: Poured, reinforced concrete slab, on grade <br> Frame: Wood, <br> Exterior Finish: Brick and vinyl <br> Roof: Pitched, asphalt shingles |
| :---: | :---: |
| Interior Living Areas | Walls: Painted drywall <br> Windows: Double-pane glass <br> Ceiling: Painted drywall <br> Lighting: Fixtures, fluorescent and incandescent <br> Flooring: Carpet, ceramic tile, laminate |
| Kitchen Areas | Wood cabinets with laminate countertops, refrigerator, stainless sink, range/oven, washers and dryers |
| Bath | Porcelain commode, wood vanity cabinet with laminate countertop, single sink, ceramic tile tub/shower combination |
| Other | HVAC: Pad mounted A/C units <br> Electrical/plumbing: Typical, assumed adequate. Units and <br> common areas are not sprinklered. <br> Interior doors: Hollow core with glass doors to patio <br> Exterior doors: Metal <br> Other: Most units have small patio or balcony |
| Parking/Sidewalks: | Adequate surface, uncovered parking spaces including handicapped spaces. We assume parking spaces are in compliance with local zoning requirements. |
| Landscaping/Other: | Attractive landscaping and mature trees |
| Property Amenities: | The project includes surface parking, common amenities with multiple playgrounds, swimming pool and a clubhouse facility. |
| Utilities: | Tenants are responsible for all utilities except trash. |
| Economic Age and Life: | The subject complex was built in 1996 and is in average to good condition. According to Marshall Valuation Service cost guide, buildings of this type and quality have an expected life of 50 years. However, this may be extended by a consistent repair schedule. The provided Project Capital Needs Assessment (PCNA) states that once the immediate physical repairs are completed, the Remaining Useful Life is at least 35 years. We concur with this conclusion. Our estimate considers the following factors: |
|  | 1. The economic make-up of the community and the ongoing demand for the subject type, <br> 2. The relationship between the property and the immediate environment, <br> 3. Architectural design, style and utility from a functional point of view, <br> 4. The trend and rate of change in the characteristics of the neighborhood that affect values, <br> 5. Construction quality, and <br> 6. Physical condition |

Considering all of these factors, our estimate of remaining economic life for the subject seems reasonable.

Deferred Maintenance/
Overall, the property is in average to good physical condition. Capital Issues: There were no significant deferred maintenance issues observed on inspection. The clubhouse is currently being repaired after fire damage in March 2013.

Conclusion/Comments: The subject's construction is consistent with newer garden-style apartment complexes in the metro area and is competitive with other similar-vintage complexes in Atlanta.

## RENOVATIONS

The prospective purchaser is planning a substantial renovation in the amount of approximately $\$ 46,000$ per unit in improvements. We were provided a synopsis of planned upgrades/improvements.

Unit improvements will include interior painting; new low-flow plumbing, fixtures, faucets and accessories; new kitchen and bathroom cabinetry and countertops; new Energy Star appliances; new hot water heaters; new HVAC systems; new light fixtures; and new flooring.

## ZONING ANALYSIS

The property is subject to the zoning regulations of the City of Atlanta, Georgia. According to the Atlanta Department of Planning and Zoning, the subject parcel is zoned RG3, General Residential. This zoning class permits multi-family development and is a subset of the Multifamily Residential District. The RG-3 district allows single-family, duplex and multifamily structures, including apartment structures. Other uses allowed, subject to specific limitations, are places of worship, primary and secondary schools, daycare, community based residential facilities, and convenience establishments. It appears that the subject is a conforming use. Our analysis assumes that the subject is not in violation of the zoning ordinance. We recommend a letter be obtained from the City of Atlanta Zoning Commission for any further questions.

## TAX ANALYSIS

The property is subject to taxation by the city of Atlanta and Fulton County. Real estate in Georgia is assessed at $40 \%$ of the assessor's estimated market value. The current
millage rate applicable to the subject is $\$ 44.431$ per $\$ 1,000$ of assessed value. The 2012 tax information is presented in the following chart.

| ASSESSMENT AND TAX INFORMATION |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Parcel ID No. | Land Value | Improvement Value | Total Value | Assessed Value | $\begin{gathered} \text { Tax Rate l } \\ \$ 1,000 \\ \hline \end{gathered}$ | $\begin{gathered} \text { Tax Rate I } \\ \$ 1,000 \end{gathered}$ | Actual Taxes | Annual Taxes Computed |
| 14007900020138 | \$1,879,000 | \$0 | \$1,879,000 | \$751,600 | \$33.680 | \$10.751 | Exempt | \$33,394 |
| 14007900020203 | \$0 | \$8,800,000 | \$8,800,000 | \$3,520,000 | \$33.680 | \$10.751 | \$92,308 | \$156,397 |
| 14007900060191 | \$10,548,900 | \$0 | \$10,548,900 | \$4,219,560 | \$33.680 | \$10.751 | Exempt | \$187,479 |
| 14007900030756 | \$5,756,400 | \$0 | \$5,756,400 | \$2,302,560 | \$33.680 | \$10.751 | Exempt | \$102,305 |
| Source: Fulton County Tax Assessor / Commisioner * Assessed valued for improvements actually \$2,076,800 |  |  |  |  |  |  |  |  |

As mentioned, the prospective purchaser is planning a substantial renovation in the amount of approximately $\$ 46,000$ per unit, in building improvements. In our opinion, this will extend the remaining useful life of the subject and increase its appeal to potential renters. We estimate an appraised value of $\$ 100,000$ per unit, or a total tax value (181 units) of $\$ 18,100,000$. This equates to an assessed value (40\%) of $\$ 7,240,000$. At the current tax rate ( $\$ 44.431 / \$ 1,000$ of assessed value), the resulting taxes would be $\$ 321,680$ rounded to $\$ 320,000$. These are the taxes we used in our post-renovation income analysis at hypothetical market rate.

## APARTMENT INVESTMENT MARKET

The following paragraphs were taken from Emerging Trends in Real Estate 2013. According to the study, the multi-family bandwagon rolls on. "It's such a good story you have a hard time resisting making investments," says an interviewee. Positive demographics - the bulge of young adult renters and downsizing baby boomers - supplemented by homeownership displacement from the housing bust create significant demand drivers. Population shifts into infill areas and urbanizing suburbs, especially locations near mass transit stops, favor multifamily, too. More people willingly forsake space and yards for greater convenience and avoiding car dependency. On the supply side, some fallow development years have further tightened many markets as developers only now begin to catch up. In high-barrier-to-entry places, particularly in metropolitan areas along the coasts, new projects may have trouble keeping up with demand, resulting in mid- to low-single-digit vacancy rates, rent spikes, and "extremely solid" appreciation. So long as these trends continue, over the long term apartments should continue to outperform all other property types on a risk-adjusted basis, with excellent cash flow components. Whereas other sectors must weather impacts from technology buffeting and slackened demand growth, future population increases suggest a vibrant and expanding apartment market.
"Inordinately large" capital flows course into the apartment sector and raise concerns among some investors despite the solid fundamentals. The best deals "have been picked over" and what is left has become just "too pricey." Some interviewees warn to back off: "Without job creation, this [performance] growth cannot continue." Some "scary" loan underwriting does not compute: Exit caps at 4 in ten years when interest rates could be much higher will require a good run of value creation. New projects, meanwhile, could get out of hand in traditional hot-growth, easy-to-build Sunbelt markets, as well as in suburban areas where apartments traditionally tend to under deliver. Shut out of much activity in the office and retail sectors, developers of all stripes "pile into the sector" as lenders offer construction loans. If the housing market starts to recover and homebuyers gain confidence, apartment demand could slacken; at some point purchasing may begin to look like a better deal than leasing if rents keep increasing. And new investment funds scarf up single-family homes for rental properties, which could compete with multifamily units.

Developers find some solace - "a lot of [apartment] supply is needed to keep up with obsolescence as well as natural growth" - and banks and insurers eagerly boost construction financing volumes. Even with stepped-up activity, interviewees say unit deliveries in 2012 about 200,000 - "will come up short" of the roughly 300,000 mark typically needed to maintain equilibrium in markets nationwide. High-barrier-to-entry urban infill markets around 24 -hour cities cry out for new projects. Developers who can secure scarce sites and overcome typical entitlement hurdles should score winners, catering to the wave of echo-boomer career builders and their empty-nester parents. Development approaches "hinge on location and quality: at
the high end, developers must provide amenities inside and outside" of projects. At the lower end, neighborhoods and convenience count more. For younger, less-affluent renters, "developers can meet price points providing less space" as long as the surrounding area offers "a quality experience" defined by shops, restaurants, parks, and, most important, access to workplaces or mass transit to get to work. As light rail and bus rapid transit service is expanded in many markets, construction opportunities will likely present themselves around new transit stations. The "continuing urbanization" wave underway should give developers at least "a three- to four-year" window in major markets.

The "rah-rah" multifamily story seems "a little long in the tooth" and will eventually "lose some steam" as housing rebounds, but expect the run of increasing rents and values to continue in most markets at least through 2013 and probably well into 2014. Cap rates although not out of range compared with other sectors with higher capital costs and risks probably have nowhere to go but up, and rent growth should moderate after a boom in infill locations. Car-access suburban markets "will do okay, but underperform."

According to the PwC Real Estate Investor Survey - First Quarter 2013, demand trends in the national apartment market remain steadfast despite elevated rental rates in some markets and a gradual recovery in the single-family housing sector of other markets. "There is a cultural shift in the rising generation away from ownership and towards the flexibility of rental living, which will continue to drive demand for apartments," comments an investor. While certain investors foresee strong demographics sustaining apartment demand and outpacing new supply in the near term, others believe growing costs may weaken demand. "Rising rental rates are a concern in markets where tenants have options to move to single-family dwellings," states a participant. This quarter's survey results of two key indicators reveal a modest change in investor sentiment. First, the average initial-year market rent change rate is static this quarter, hinting at investors' awareness of an upper limit for rent growth in their cash flow projections. Second, the average overall capitalization rate is virtually unchanged, suggesting stabilization in asset pricing. Over the next six months, the majority of surveyed investors foresee overall cap rates holding steady in this market.

The PwC Survey indicates that overall capitalization rates for apartments range from $3.50 \%$ to $10.00 \%$, with an average of $5.73 \%$ ( $5.58 \%$ for the Southeast Region). This rate is an increase in the overall average rate of 1 basis point from the prior quarter and a decrease of 10 basis points higher than the same period one year ago. The investors indicated inflation assumptions for market rent generally ranging between negative $2.00 \%$ and $6.00 \%$, with an average of $2.57 \%(1.80 \%$ for the Southeast Region). Additionally, these investors quoted an expense inflation rate between $1.00 \%$ and $3.50 \%$, with an average of $2.71 \%(2.90 \%$ for the Southeast Region). Internal rate of return requirements for the investors ranged from $5.00 \%$ to $14.00 \%$, with an average of $8.06 \%$ ( $7.90 \%$ for the Southeast Region), down from $8.17 \%$ the prior quarter and $8.28 \%$ one year ago. The average marketing time reported ranged from 0 to 18 months, with an average of 5.1 months ( 6.2 months for the Southeast Region).

## ATLANTA MSA APARTMENT MARKET

## Inventory And Overall Market Conditions

According to Atlanta Apartment Market Tracker -Year-End 2012 published by Dale Henson Associates, Inc., there are over 400,000 apartment units in market rate projects that contain over 50 units in the 11-county Tracker area. During 2012, there were 18 new starts in the 11-county metro Atlanta area. These complexes along with their respective submarkets and number of units are shown in the chart below.

| New Market Rate Starts - 2012 |  |  |
| :--- | :---: | :---: |
| Complex Name | Submarket | \# of Units |
| 92 West Paces Ferry | Buckhead | 210 |
| Ashford at Brookhaven | Buckhead | 215 |
| Camden Paces | Buckhead | 379 |
| Fairfield Town Brookhaven | Buckhead | 299 |
| 77 12th Street | Midtown | 330 |
| Elan Westside | Midtown | 197 |
| Reserve at Collier Hills | Midtown | 288 |
| Skyhouse | Midtown | 320 |
| Waton Westside | Midtown | 254 |
| AMLI Ponce Park | Central | 305 |
| Bohemian House | Central | 276 |
| 2924 Clairmont Phase II | North DeKalb | 362 |
| Riverwood | Cobb-Galleria | 315 |
| Heights at Old Peachtree | Gwinnett-Duluth | 258 |
| Terraces at Suwanee Gateway | Gwinnett-Duluth | 335 |
| Greystone Summit | Forsyth | 216 |
| Summit Crossing | Forsyth | 140 |
| Waterstone at Big Creek | Forsyth | 270 |
| Total |  | 4,969 |

In the 2012, unit starts were 4,969, up significantly from 2,527 in 2011. New unit market-rate deliveries increased to 1,788 in the 11-county Tracker area during 2012, up from 1,331 during 2011. The eleven-county Tracker area experienced new unit absorption (new never occupied units) of 1,478, down from 2,400 in 2011.

## Effective Rent Trends

According to Atlanta Apartment Market Tracker - Year-End 2012 published by Dale Henson Associates, Inc., average monthly effective rents in garden properties in the eleven-
county Tracker area increased $2.4 \%$ from the end of 2011. Effective rents were up to $\$ 777$ from $\$ 759$. At the end of 2012, Class A apartments showed an increase of $4.6 \%$, Class B apartments increased their effective rent by $0.9 \%$, and Class C units were up $2.5 \%$ over the end of 2011. In addition, concessions were down at \$19, from \$34 a year earlier.

## Occupancy/Occupancy Trends

According to Atlanta Apartment Market Tracker - Year-End 2012 published by Dale Henson Associates, Inc., occupancy in the eleven core counties (garden properties only) increased to $90.8 \%$ during the end of 2012, up from $89.8 \%$ the prior year. In addition, occupancy was, $89.1 \%$ in 2010, $88.5 \%$ in 2009 and $88.6 \%$ in 2008. In fact, 20 of the 29 submarkets experienced gains in occupancy. The losses in occupancy during the first half of 2012 were reported by the Dunwoody (high rise only), Buckhead (high rise only), Decatur, Buckhead, Midtown, South Fulton, Lindbergh, Clayton, Cherokee, and Southeast DeKalb markets.

## THE SUBJECT'S CENTRAL SUBMARKET

## Inventory

According to the Dale Henson reports, the subject is located in the Central submarket. According to the Year-End 2012 Atlanta Apartment Market Tracker, in the Central submarket, inventory is 13,076 apartment units. For the submarket, there were 911 units started in 2008; 325 in 2009, no starts in 2010 and 2011, and 581 in 2012.

The Atlanta Apartment Market Tracker - Pipeline Report Year-End 2012 published by Dale Henson Associates, Inc. reports three properties in the under construction, in initial leaseup or recently stabilized category. Only Renaissance Walk (140 unit conversion) is in the lease-up stage and has been leasing at a rate of 7.8 units per month. The other two properties are the Bohemian House ( 276 units, market-rate, mid-rise, Class-A) and AMLI Ponce Park (305 units, market rate, garden, Class-A). These two complexes are not expected to begin lease-up until Q4 2013 and Q1 2014, respectively. The report also lists five properties in the planning stages in the Central submarket. Two of those properties are further along. Perennial Somerset, located along North Avenue, will have 227 units and plans on starting their leasing in the third quarter of 2013. The second is located in the old City Hall East building along Ponce De Leon Avenue. It will be called Ponce City Market and will be developed by Green Street Communities. It will have 260 units and plans on opening in the second quarter 2014. A complex possibly named 131 Ponce De Leon Avenue is being planned at that address. It's slated to contain 281 units. A 225-unit complex named Paces Krog Street is being planned along Lake Avenue at Krog Street. Finally, an unnamed 186-unit complex is planned along Elizabeth Street and will be developed by JPX Works.

## Occupancy

Overall occupancy for the Central submarket at year end 2012 was $93.0 \%$, up from 90.2\% a year earlier. Occupancy for Class-A properties in this submarket at year end 2012 was $96.4 \%$, an increase from $95.8 \%$ a year earlier. Occupancy for Class-B properties was $92.2 \%$, a decrease from $94.5 \%$ a year earlier. As mentioned, we surveyed a total of six comparable apartment developments in the area, as shown in the following chart.

| RENT COMPARABLES - OCCUPANCY |  |  |  |
| :--- | :---: | :---: | :---: |
| Complex | \# of Units | Vacant | Occupancy |
| 1. Ashley Auburn Pointe I | 154 | 6 | $96 \%$ |
| 2. Columbia Mechanicsville | 199 | 0 | $100 \%$ |
| 3. Capital Gateway I and II | 421 | 29 | $93 \%$ |
| 4. Magnolia Park | 220 | 68 | $69 \%$ |
| 5. Villages at Castleberry Hill | 450 | 45 | $90 \%$ |
| 6. Ashley Collegetown II | 177 | 9 | $95 \%$ |
| Total/Average | 1621 | 158 | $90 \%$ |

The comparables reported physical occupancies from $69 \%$ to $100 \%$ with a weighted average of about $90 \%$. The subject property is currently $93 \%$ occupied and $97 \%$ pre-leased. We also reviewed the historical operating statements at the subject over the past three years (details are shown in the Income Approach section of this report). According to the statements, the economic loss attributable to physical vacancy was about $6 \%$ in 2010, $7 \%$ in 2011 and $7 \%$ in 2012. One dedicated model unit contributes to the total physical vacancy figure. The owner's 2013 budget includes a $4.3 \%$ physical vacancy loss. Collection loss was minimal, below 1\% all three years and in the 2013 budget. Based on all of this information, we concluded a $94 \%$ physical and $92 \%$ economic occupancy after factoring collection loss.

## Unit Vacancy Rates

Most complex managers do not have and/or divest vacancy rates by specific unit types. When queried, none of the "occupancy" comparable managers noted any abnormal vacancy trends as regard apartment sizes or unit mixes. We therefore project the subject will experience approximate 8\% economic vacancies in all unit types.

## Concessions

The subject is not offering any concessions other than ongoing reduced rents. According to the provided historical operating statements, concessions have been dropping over the past three years and were less than $1 \%$ in 2012, with a similar budget for 2013. It does not appear that concessions are a significant factor in this submarket. However, in our
competitive rent analysis, we will compare effective rent at the subject to effective rent at the comparables.

## Competitive Rental Analysis

We found a total of six comparable complexes in the area, all of which offer marketrate and LIHTC units, as well as authority assisted units. The comparables are all Class-A/B complexes, built between 1998 and 2010 with unit counts from 154 to 450 . All of the complexes have generally similar unit and complex amenities as the subject. At the subject, tenants are responsible for all utilities except trash. All of the comparables include trash, while Comparables Four and Five include water and sewer with the rent. The following analysis discusses market rate units first, followed by LIHTC units. It is important to note that the subject's location is superior to the comparables; the subject is located in the heart of downtown Atlanta, north of all the comparable properties. The subject's and the comparable rents are presented in the following chart. Further details, as well as photographs and a location map, are presented in the Addenda.

## MARKET RENT ANALYSIS

| APARTMENT RENT COMPARABLE SUMMARY ONE-BEDROOM UNITS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparable | Bath | Size | Market Rent |  | AHA 60\% |  | LIHTC (60\%) |  |
| No. and Name | Qty. | (SF) | Per Unit | Per SF | Per Unit | Per SF | Per Unit | Per SF |
| Subject | 1.0 | 688 | \$775 | \$1.13 | \$651 | \$0.95 | \$600 | \$0.87 |
| 1. Ashley Auburn Pointe I | 1.0 | 756 | \$850 | \$1.12 | N/Ap | N/Ap | \$645 | \$0.85 |
| 2. Columbia Mechanicsville | 1.0 | 750 | \$790 | \$1.05 | \$536 | \$0.71 | \$675 | \$0.90 |
| 3. Capitol Gateway I and II | 1.0 | 708 | \$799 | \$1.13 | N/Ap | N/Ap | \$678 | \$0.96 |
| 3. Capitol Gateway I and II | 1.0 | 742 | \$799 | \$1.08 | N/Ap | N/Ap | \$678 | \$0.91 |
| 3. Capitol Gateway I and II | 1.0 | 772 | \$799 | \$1.03 | N/Ap | N/Ap | \$678 | \$0.88 |
| 3. Capitol Gateway I and II | 1.0 | 867 | \$799 | \$0.92 | N/Ap | N/Ap | \$678 | \$0.78 |
| 4. Magnolia Park | 1.0 | 600 | \$545 | \$0.91 | N/Ap | N/Ap | \$545 | \$0.91 |
| 4. Magnolia Park | 1.0 | 710 | \$565 | \$0.80 | N/Ap | N/Ap | \$565 | \$0.80 |
| 5. Villages at Castleberry Hill | 1.0 | 710 | \$795 | \$1.12 | N/Ap | N/Ap | \$620 | \$0.87 |
| 5. Villages at Castleberry Hill | 1.0 | 799 | \$795 | \$0.99 | N/Ap | N/Ap | N/Ap | N/Ap |
| 6. Ashley Collegetown II | 1.0 | 730 | \$750 | \$1.03 | N/Ap | N/Ap | \$665 | \$0.91 |
| 6. Ashley Collegetown II | 1.0 | 820 | \$750 | \$0.91 | N/Ap | N/Ap | \$665 | \$0.81 |
| Average of comps |  | 747 | \$753 | \$1.01 | \$536 | \$0.71 | \$645 | \$0.87 |
| Maximum |  | 867 | \$850 | \$1.13 | \$536 | \$0.71 | \$678 | \$0.96 |
| Minimum |  | 600 | \$545 | \$0.80 | \$536 | \$0.71 | \$545 | \$0.78 |

## One-Bedroom Units - Market

The subject has one 1BR/1BA floor plan of 688-SF plan for $\$ 775$ per month (\$1.13/SF). The comparable one-bedroom units range in size from 600 to 867 square feet and average 747 square feet. The subject's floor plan is within the range of the comparables.

Effective rents at the comparables range from $\$ 545$ to $\$ 850$ ( $\$ 0.80$ to $\$ 1.13$ per square foot) and average $\$ 753$ ( $\$ 1.01$ per square foot). The subject's effective rent is within the range of the comparables on a monthly and per-SF basis, albeit at the top of the range on a per-square-foot basis.

## One-Bedroom Units - 60\% LIHTC

The subject 688-SF floor plan is also offered as $60 \%$ LIHTC unit at a rent of $\$ 600$ per month. The comparable 1BR 60\% LIHTC units have an effective rental range of $\$ 545$ to $\$ 678$ with an average of $\$ 645$ per month. The subject's effective rent is within the range of the comparables, similar to the average on a per-square -foot basis and lower than most of the comparables on a per-unit basis. Maximum allowable rent with current utilities structure is $\$ 643$. We also reviewed the rent roll at the subject which indicated an average contract rent of $\$ 643$. Considering all of this information, we estimated rent of $\$ 643$ ( $\$ 0.93$ PSF) as reasonable and it will be used in our analysis.

| APARTMENT RENT COMPARABLE SUMMARY TWO-BEDROOM UNITS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparable | Bath | Size | Market Rent |  | AHA 60\% |  | LIHTC (60\%) |  |
| No. and Name | Qty. | (SF) | Per Unit | Per SF | Per Unit | Per SF | Per Unit | Per SF |
| Subject | 1.0 | 869 | \$815 | \$0.94 | \$790 | \$0.91 | \$772 | \$0.89 |
| Subject | 1.0 | 875 | \$815 | \$0.93 | N/Ap | N/Ap | N/Ap | N/Ap |
| Subject | 2.0 | 1,041 | \$1,049 | \$1.01 | \$790 | \$0.76 | \$772 | \$0.74 |
| Subject | 2.0 | 1,057 | \$1,049 | \$0.99 | \$790 | \$0.75 | N/Ap | N/Ap |
| Subject | 1.5 | 1,215 | \$1,049 | \$0.86 | N/Ap | N/Ap | \$772 | \$0.64 |
| 1. Ashley Auburn Pointe I | 2.0 | 1,079 | \$1,100 | \$1.02 | N/Ap | N/Ap | \$736 | \$0.68 |
| 2. Columbia Mechanicsville | 2.0 | 1,005 | \$900 | \$0.90 | \$606 | \$0.60 | \$773 | \$0.77 |
| 3. Capitol Gateway I and II | 1.0 | 910 | \$850 | \$0.93 | N/Ap | N/Ap | \$777 | \$0.85 |
| 3. Capitol Gateway I and II | 2.0 | 978 | \$900 | \$0.92 | N/Ap | N/Ap | \$777 | \$0.79 |
| 3. Capitol Gateway I and II | 2.0 | 1,031 | \$900 | \$0.87 | N/Ap | N/Ap | \$777 | \$0.75 |
| 3. Capitol Gateway I and II | 2.0 | 1,047 | \$900 | \$0.86 | N/Ap | N/Ap | \$777 | \$0.74 |
| 3. Capitol Gateway I and II | 2.0 | 1,050 | \$900 | \$0.86 | N/Ap | N/Ap | \$777 | \$0.74 |
| 3. Capitol Gateway I and II | 2.5 | 1,178 | \$1,175 | \$1.00 | N/Ap | N/Ap | \$777 | \$0.66 |
| 3. Capitol Gateway I and II | 2.5 | 1,319 | \$1,300 | \$0.99 | N/Ap | N/Ap | \$777 | \$0.59 |
| 4. Magnolia Park | 1.5 | 870 | \$705 | \$0.81 | N/Ap | N/Ap | \$705 | \$0.81 |
| 4. Magnolia Park | 2.0 | 955 | \$745 | \$0.78 | N/Ap | N/Ap | \$745 | \$0.78 |
| 5. Villages at Castleberry Hill | 1.0 | 890 | \$820 | \$0.92 | N/Ap | N/Ap | \$715 | \$0.80 |
| 5. Villages at Castleberry Hill | 2.0 | 947 | \$799 | \$0.84 | N/Ap | N/Ap | \$750 | \$0.79 |
| 5. Villages at Castleberry Hill | 2.0 | 1,064 | \$799 | \$0.75 | N/Ap | N/Ap | \$750 | \$0.70 |
| 5. Villages at Castleberry Hill | 2.5 | 1,188 | \$1,365 | \$1.15 | N/Ap | N/Ap | \$795 | \$0.67 |
| 6. Ashley Collegetown II | 2.0 | 989 | \$875 | \$0.88 | N/Ap | N/Ap | N/Ap | N/Ap |
| 6. Ashley Collegetown II | 2.0 | 1,073 | \$875 | \$0.82 | N/Ap | N/Ap | \$760 | \$0.71 |
| 6. Ashley Collegetown II | 2.0 | 1,223 | \$975 | \$0.80 | N/Ap | N/Ap | \$760 | \$0.62 |
| 6. Ashley Collegetown II | 2.0 | 1,250 | \$1,025 | \$0.82 | N/Ap | N/Ap | \$760 | \$0.61 |
| 6. Ashley Collegetown II | 2.0 | 1,285 | \$1,075 | \$0.84 | N/Ap | N/Ap | \$760 | \$0.59 |
| Average of comps |  | 1,067 | \$949 | \$0.89 | \$606 | \$0.60 | \$760 | \$0.72 |
| Maximum |  | 1,319 | \$1,365 | \$1.15 | \$606 | \$0.60 | \$795 | \$0.85 |
| Minimum |  | 870 | \$705 | \$0.75 | \$606 | \$0.60 | \$705 | \$0.59 |

## Two-Bedroom Units - Market

The subject has five 2BR floor plans including an 869-SF plan for $\$ 815$ per month (\$0.94/SF), an 875-SF plan for $\$ 815$ per month (\$0.83/SF), a 1,041 -SF plan for $\$ 1,049$ per month (\$1.01/SF), a 1,057-SF plan for $\$ 1,049$ per month (\$0.99/SF), and a 1,215-SF plan for $\$ 1,049$ per month (\$0.86/SF). The comparable two-bedroom units range in size from 870 to 1,319 square feet and average 1,067 square feet. The smallest floor plan is just below the range of the comparables, while the rest are within the range of the comparables. Effective rents at the comparables range from $\$ 705$ to $\$ 1,365$ ( $\$ 0.75$ to $\$ 1.15$ per square foot) and average $\$ 949$ ( $\$ 0.89$ per square foot). The subject's effective rents are within the range of the comparables on a monthly and per-SF basis. It appears three of the floorplans, however, could support higher rent levels. The 869-SF and 875-SF floorplans have average contract rent of $\$ 875$, and this rent appears reasonable. Rent for the largest 1,215 SF floorplan averages $\$ 1,357$ per unit and appears to support rent of $\$ 1,250$ per month.

## Two-Bedroom Units - 60\% LIHTC

The subject $869-$ SF, 1,041 -SF and $1,215-$ SF floor plans are also offered as $60 \%$ LIHTC units. Rents are $\$ 772$ for the units, which equates to $\$ 0.89, \$ 0.74$ and $\$ 0.64$ per square foot, respectively. The comparable 2BR $60 \%$ LIHTC units have an effective rental range of $\$ 705$ to $\$ 795$ with an average of $\$ 760$ per month. The subject's effective rents for the plans are within the range of the comparables on a per-unit basis, with the smallest floorplan above the range on a per square foot basis. The 869-SF, 1,041-SF and 1,057-SF floor plans are offered as Authority Assisted units. We reviewed the rent roll at the subject that indicated an average contract rent of $\$ 768$ for these units. At several of the comparables, rents were reported uniform for LIHTC units regardless of size, and encompassing a wide range of unit sizes. Maximum allowable rent with current utilities structure is $\$ 768$. Considering all of this information, we relied on the $\$ 768$ rents for our analysis.

| APARTMENT RENT COMPARABLE SUMMARY THREE-BEDROOM UNITS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparable | Bath | Size | Market Rent |  | AHA 60\% |  | LIHTC (60\%) |  |
| No. and Name | Qty. | (SF) | Per Unit | Per SF | Per Unit | Per SF | Per Unit | Per SF |
| Subject | 2.5 | 1,254 | \$1,550 | \$1.24 | \$919 | \$0.73 | \$750 | \$0.60 |
| Subject | 2.5 | 1,340 | \$1,550 | \$1.16 | N/Ap | N/Ap | N/Ap | N/Ap |
| Subject | 2.5 | 1,594 | \$1,550 | \$0.97 | N/Ap | N/Ap | \$750 | \$0.47 |
| 1. Ashley Auburn Pointe I | 2.0 | 1,264 | N/Ap | N/Ap | N/Ap | N/Ap | \$811 | \$0.64 |
| 2. Columbia Mechanicsville | 2.0 | 1,200 | \$1,100 | \$0.92 | \$691 | \$0.58 | \$853 | \$0.71 |
| 3. Capitol Gateway I and II | 2.0 | 1,258 | \$1,300 | \$1.03 | N/Ap | N/Ap | \$859 | \$0.68 |
| 3. Capitol Gateway I and II | 2.0 | 1,314 | \$1,325 | \$1.01 | N/Ap | N/Ap | \$859 | \$0.65 |
| 4. Magnolia Park | 2.0 | 1,080 | \$875 | \$0.81 | N/Ap | N/Ap | \$875 | \$0.81 |
| 4. Magnolia Park | 2.5 | 1,290 | \$925 | \$0.72 | N/Ap | N/Ap | \$925 | \$0.72 |
| 5. Villages at Castleberry Hill | 2.5 | 1,138 | \$899 | \$0.79 | N/Ap | N/Ap | N/Ap | N/Ap |
| 5. Villages at Castleberry Hill | 2.5 | 1,038 | N/Ap | N/Ap | N/Ap | N/Ap | \$850 | \$0.82 |
| 6. Ashley Collegetown II | 2.0 | 1,594 | \$1,250 | \$0.78 | N/Ap | N/Ap | \$811 | \$0.51 |
| Average of comps |  | 1,242 | \$1,096 | \$0.87 | \$691 | \$0.58 | \$855 | \$0.69 |
| Maximum |  | 1,594 | \$1,325 | \$1.03 | \$691 | \$0.58 | \$925 | \$0.82 |
| Minimum |  | 1,038 | \$875 | \$0.72 | \$691 | \$0.58 | \$811 | \$0.51 |

## Three-Bedroom Units - Market

The subject has three 3BR floor plans including a 1,254-SF 2.5 bath plan for $\$ 1,185$ per month (\$0.94/SF), a 1,340-SF 2.5 bath townhome plan for $\$ 1,575$ per month (\$1.18/SF) and a 1,594-SF 2.5 bath plan for $\$ 1,675$ per month ( $\$ 1.05 / \mathrm{SF}$ ). The comparable threebedroom units range in size from 1,038 to 1,594 square feet and average 1,242 square feet. All of the subject's floor plans are within the range of the comparables. Effective rents at the comparables (which consider concessions) range from $\$ 875$ to $\$ 1,325$ ( $\$ 0.72$ to $\$ 1.03$ per square foot) and average \$1,096 (\$0.87 per square foot). The subject's effective rents are above the range of the comparables on a monthly basis and on a per-SF basis for two of the three floorplans, but actual contract rents are $\$ 1,499$ per unit. We recommend rents above the range indicated by the comparables, $\$ 1,500$ per month or $\$ 0.94$ - $\$ 1.20$ per square foot.

## Three-Bedroom Units - 60\% LIHTC

Two of the subject's 3BR floor plans are also offered as $60 \%$ LIHTC units. Rents are $\$ 750$ for all plans. The comparable 3BR 60\% LIHTC units have an effective rental range of $\$ 811$ to $\$ 925$ with an average of $\$ 855$ per month. The subject's effective rents are below the range of the comparables. We also reviewed the rent roll at the subject which indicated an average contract rent of $\$ 899$ for the 1,254-SF plan. Maximum allowable rent with current utilities structure is $\$ 886$. We concluded an average $60 \%$ LIHTC rent of $\$ 886$ per month ( $\$ 0.71$ and $\$ 0.56$ per square foot, respectively) for both 3BR plans.

| APARTMENT RENT COMPARABLE SUMMARY FOUR-BEDROOM UNITS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparable | Bath | Size | Market Rent |  | AHA 60\% |  | LIHTC (60\%) |  |
| No. and Name | Qty. | (SF) | Per Unit | Per SF | Per Unit | Per SF | Per Unit | Per SF |
| Subject | 2.5 | 1,581 | \$1,820 | \$1.15 | \$1,031 | \$0.65 | N/Ap | N/Ap |
| 3. Capitol Gateway I and II | 2.0 | 1,447 | \$1,300 | \$0.90 | N/Ap | N/Ap | \$920 | \$0.64 |
| Average of comps |  | 1,447 | \$1,300 | \$0.90 | N/Ap | N/Ap | \$920 | \$0.64 |
| Maximum |  | 1,447 | \$1,300 | \$0.90 | N/Ap | N/Ap | \$920 | \$0.64 |
| Minimum |  | 1,447 | \$1,300 | \$0.90 | N/Ap | N/Ap | \$920 | \$0.64 |

## Four-Bedroom Units - Market

The subject has one 4BR floor plan 2.5 bath plan for $\$ 1,820$ per month (\$1.15/SF). The comparable four-bedroom unit is 1,447 square feet, slightly smaller than the subject. Effective rent at the comparable (which considers concessions) is $\$ 1,300$ ( $\$ 0.90$ per square foot). The subject's effective rent is above the comparable on a monthly and per-SF basis. It is also above the range for the comparable three-bedroom units on a per square foot basis, but average contract rent for those units is $\$ 1,838$. We recommend rent of $\$ 1,820$ per month.

## SUBJECT'S CHARACTERISTICS / MARKETABILITY

Centennial Place Apartments Phase I is a 181-unit apartment development, built in 1996, situated on a 9.58 -acre site. It consists of 22 two- and three-story apartment buildings and a free-standing management building. The unit mix consists of 66 one-bedroom units, 84 two-bedroom units, 27 three-bedroom units and four four-bedroom units, ranging from 688 to 1,594 square feet (net leasable), with an average size of 936 square feet. The subject includes a mixture of market ( 68 units, or $12 \%$ ) 39 Low Income Housing Tax Credit (LIHTC) units (22\%), and 74 (41\%) authority assisted units. The project includes surface parking, common amenities with multiple playgrounds, two swimming pools and a clubhouse facility. It is our understanding that the property is planned for extensive renovation of all phases. The renovation will be financed with proceeds from the syndication of federal and state $9 \%$ low
income housing tax credits. If funding is approved, the renovation will be done in phases beginning April, 2014. The entire renovation will take approximately twelve months to complete.

Basic construction is wood framing, with brick and vinyl-siding exterior and pitched, asphalt-shingled roofs. Exterior stairs are steel and concrete, with concrete sidewalks and breezeways. Interior features include: smooth painted drywall walls and ceilings, carpeted living areas and vinyl flooring in the kitchen and baths, tub/shower combinations, wood cabinetry in kitchen and bath, laminate countertops, refrigerators, ovens with stove tops and washer/dryers.

The unit sizes, features and amenities are typical for similar-vintage, garden-style apartments in the area and are similar compared to most of the product in the neighborhood. However, it is noted that the owner is planning a substantial renovation that will include interior upgrades to the fixtures, appliances and flooring. Once completed, the subject property will be similar or slightly superior to most competitive properties in the area.

The subject is currently 93\% occupied, with six units preleased (97\%). As mentioned, 74 of the 181 subject units are Atlanta Housing Authority Assisted units and the rents are contracted. Thirty-nine of the units are subject to the requirements of low income housing tax credits at $60 \%$ of the area median income. The remaining 68 units are market-rate units. In addition, there are no specials being offered. Post renovation, there will still be 74 Atlanta Housing Authority Assisted units, and the gross rent limit will be at the $60 \%$ AMI level. 39 of the units will be subject to the requirements of low income housing tax credits at $60 \%$ of the area median income (AMI). The remaining 68 units will be market-rate units.

The reported rents are presented in the following charts and include the current and proposed rents.

| UNIT MIX AND MARKET RENT SCHEDULE - AS IS MAY 2013 Centennial Place Phase I Apartments |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unit Type | No. Units | Unit SF | Total SF | Average Res Rent | Monthly Unit Rent | Rent SF | Total Income |
| 1BR/1BA Market | 29 | 688 | 19,952 | \$775.00 | \$852 | \$1.24 | \$296,496 |
| 1BR/1BA Market | 1 | 688 | 688 | \$0.00 | \$835 | \$1.21 | \$10,020 |
| 1BR/1BA PHA | 9 | 688 | 6,192 | \$130.88 | \$651 | \$0.95 | \$70,308 |
| 1BR/1BA PHA HC | 1 | 688 | 688 | \$323.00 | \$610 | \$0.89 | \$7,320 |
| 1BR/1BA LIHTC 60\% | 26 | 688 | 17,888 | \$643.36 | \$599 | \$0.87 | \$186,888 |
| 2BR/1BA Market | 4 | 869 | 3,476 | \$886.67 | \$815 | \$0.94 | \$39,120 |
| 2BR/1BA Market | 1 | 875 | 875 | \$990.00 | \$815 | \$0.93 | \$9,780 |
| 2BR/2BA Market | 23 | 1,057 | 24,311 | \$958.68 | \$1,049 | \$0.99 | \$289,524 |
| 2BR/2BA Market | 3 | 1,041 | 3,123 | \$1,109.33 | \$1,049 | \$1.01 | \$37,764 |
| 2BR/1.5BA Market | 2 | 1,215 | 2,430 | \$1,357.00 | \$1,049 | \$0.86 | \$25,176 |
| 2BR/2BA PHA | 23 | 869 | 19,987 | \$202.29 | \$790 | \$0.91 | \$218,040 |
| 2BR/2BA PHA HC | 2 | 869 | 1,738 | \$144.00 | \$790 | \$0.91 | \$18,960 |
| 2BR/2BA PHA | 16 | 1,041 | 16,656 | \$327.33 | \$790 | \$0.76 | \$151,680 |
| 2BR/2BA PHA | 2 | 1,057 | 2,114 | \$91.50 | \$790 | \$0.75 | \$18,960 |
| 2BR/2BA LIHTC 60\% | 3 | 869 | 2,607 | \$756.50 | \$772 | \$0.89 | \$27,792 |
| 2BR/2BA LIHTC 60\% | 4 | 1,041 | 4,164 | \$811.00 | \$772 | \$0.74 | \$37,056 |
| 2BR/1.5BA LIHTC 60\% | 1 | 1,215 | 1,215 | \$829.00 | \$772 | \$0.64 | \$9,264 |
| 3BR/2.5BA Market | 1 | 1,254 | 1,254 | \$1,499.33 | \$1,185 | \$0.94 | \$14,220 |
| 3BR/2.5BA Market | 1 | 1,340 | 1,340 | \$1,499.33 | \$1,575 | \$1.18 | \$18,900 |
| 3BR/2.5BA Market | 1 | 1,594 | 1,594 | \$1,499.33 | \$1,675 | \$1.05 | \$20,100 |
| 3BR/2.5BA PHA | 19 | 1,254 | 23,826 | \$316.05 | \$919 | \$0.73 | \$209,532 |
| 3BR/2.5BA LIHTC 60\% | 3 | 1,254 | 3,762 | \$898.60 | \$750 | \$0.60 | \$27,000 |
| 3BR/2.5BA LIHTC 60\% | 2 | 1,594 | 3,188 | \$898.60 | \$750 | \$0.47 | \$18,000 |
| 4BR/2.5BA Market | 2 | 1,581 | 3,162 | \$1,837.50 | \$1,820 | \$1.15 | \$43,680 |
| 4BR/2.5BA PHA | 2 | 1,581 | 3,162 | \$579.00 | \$1,031 | \$0.65 | \$24,744 |
| Totals/Average | 181 | 936 | 169,392 |  | \$843 | \$0.90 | \$1,830,324 |

UNIT MIX AND MARKET RENT SCHEDULE - POST RENOVATION Centennial Place Phase I Apartments

| Unit Type | No. <br> Units | Unit <br> SF | Total <br> SF | Monthly <br> Unit Rent | Rent <br> SF | Total <br> Income |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1BR/1BA Market | 30 | 688 | 20,640 | $\$ 852$ | $\$ 1.24$ | $\$ 306,720$ |
| 1BR/1BA PHA | 9 | 688 | 6,192 | $\$ 568$ | $\$ 0.83$ | $\$ 61,344$ |
| 1BR/1BA PHA HC Elec | 1 | 688 | 688 | $\$ 590$ | $\$ 0.86$ | $\$ 7,080$ |
| 1BR/1BA LIHTC 60\% | 24 | 688 | 16,512 | $\$ 568$ | $\$ 0.83$ | $\$ 163,584$ |
| 1BR/1BA LIHTC 60\% Elec | 2 | 688 | 1,376 | $\$ 584$ | $\$ 0.85$ | $\$ 14,016$ |
| 2BR/1BA Market | 4 | 869 | 3,476 | $\$ 1,010$ | $\$ 1.16$ | $\$ 48,480$ |
| 2BR/1BA Market | 1 | 875 | 875 | $\$ 1,010$ | $\$ 1.15$ | $\$ 12,120$ |
| 2BR/2BA Market | 23 | 1,057 | 24,311 | $\$ 1,146$ | $\$ 1.08$ | $\$ 316,296$ |
| 2BR/2BA Market | 3 | 1,041 | 3,123 | $\$ 1,146$ | $\$ 1.10$ | $\$ 41,256$ |
| 2BR/1.5BA Market | 2 | 1,215 | 2,430 | $\$ 1,505$ | $\$ 1.24$ | $\$ 36,120$ |
| 2BR/2BA PHA | 23 | 869 | 19,987 | $\$ 651$ | $\$ 0.75$ | $\$ 179,676$ |
| 2BR/2BA PHA HC Elec | 1 | 869 | 869 | $\$ 669$ | $\$ 0.77$ | $\$ 8,028$ |
| 2BR/2BA PHA | 16 | 1,041 | 16,656 | $\$ 651$ | $\$ 0.63$ | $\$ 124,992$ |
| 2BR/2BA PHA Elec | 1 | 1,041 | 1,041 | $\$ 669$ | $\$ 0.64$ | $\$ 8,028$ |
| 2BR/2BA PHA | 2 | 1,057 | 2,114 | $\$ 651$ | $\$ 0.62$ | $\$ 15,624$ |
| 2BR/2BA LIHTC 60\% | 3 | 869 | 2,607 | $\$ 651$ | $\$ 0.75$ | $\$ 23,436$ |
| 2BR/2BA LIHTC 60\% | 4 | 1,041 | 4,164 | $\$ 651$ | $\$ 0.63$ | $\$ 31,248$ |
| 2BR/1.5BA LIHTC 60\% | 1 | 1,215 | 1,215 | $\$ 651$ | $\$ 0.54$ | $\$ 7,812$ |
| 3BR/2.5BA Market | 1 | 1,254 | 1,254 | $\$ 1,209$ | $\$ 0.96$ | $\$ 14,508$ |
| 3BR/2.5BA Market | 1 | 1,340 | 1,340 | $\$ 1,607$ | $\$ 1.20$ | $\$ 19,284$ |
| 3BR/2.5BA Market | 1 | 1,594 | 1,594 | $\$ 1,709$ | $\$ 1.07$ | $\$ 20,508$ |
| 3BR/2.5BA PHA | 18 | 1,254 | 22,572 | $\$ 722$ | $\$ 0.58$ | $\$ 155,952$ |
| 3BR/2.5BA PHA Elec | 1 | 1,254 | 1,254 | $\$ 735$ | $\$ 0.59$ | $\$ 8,820$ |
| 3BR/2.5BA LIHTC 60\% | 3 | 1,254 | 3,762 | $\$ 722$ | $\$ 0.58$ | $\$ 25,992$ |
| 3BR/2.5BA LIHTC 60\% | 2 | 1,594 | 3,188 | $\$ 722$ | $\$ 0.45$ | $\$ 17,328$ |
| 4BR/2.5BA Market | 2 | 1,581 | 3,162 | $\$ 1,887$ | $\$ 1.19$ | $\$ 45,288$ |
| 4BR/2.5BA PHA | 1 | 1,581 | 1,581 | $\$ 774$ | $\$ 0.49$ | $\$ 9,288$ |
| 4BR/2.5BA PHA Elec | 1 | 1,581 | 1,581 | $\$ 781$ | $\$ 0.49$ | $\$ 9,372$ |
| Totals/Average | 181 | 937 | 169,564 | $\$ 798$ | $\$ 0.85$ | $\$ 1,732,200$ |

## INCOME/RENT RESTRICTIONS

It is our understanding that the property is planned for interior renovation of all phases. The renovation will be financed with proceeds from the syndication of federal and state 9\% low income housing tax credits. When the tax credits are in place, income levels for the 39 LIHTC units must be at or below 60\% of area median income (AMI). For Atlanta in 2013, per HUD, area median income is defined at $\$ 66,300$. The restricted income levels are shown in the following chart. Note that the current rents include water, sewer and trash. Currently, the appropriate utility allowances for electric (per DCA / 2013) are as follows: 1BR total \$104, 2BR total $\$ 127,3 B R$ total $\$ 149$ and 4BR $\$ 170$. After renovation, when the tenant is responsible for all utilities, the appropriate utility allowances for electric (per DCA / 2013) are as follows: 1BR total $\$ 179,2 B R$ total $\$ 244,3 B R$ total $\$ 313$ and $4 B R \$ 381$. It should be noted that the
maximum rent thresholds only apply to the LIHTC units. The PBRA units are contracted with the Atlanta Housing Authority and qualified tenants pay 30\% of their income towards rent with the Atlanta Housing Authority paying the difference between this amount and the 60\% AMI maximum allowable rent. As can be seen, all of the subject's proposed $60 \%$ LIHTC rents are at or below the maximum allowable rents.

## MAXIMUM ALLOWABLE RENT PER AMI LEVEL - BEFORE RENOVATION

| $60 \%$ Inc. | 1BR | 2.0 | $(\$ 29,880 \times 30 \%) / 12=$ | $\$ 747$ | - | $\$ 104=$ | $\$ 643$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $60 \%$ Inc. | $2 B R$ | 3.0 | $(\$ 35,820 \times 30 \%) / 12=$ | $\$ 896$ | - | $\$ 127=$ | $\$ 769$ |
| $60 \%$ Inc. | $3 B R$ | 4.5 | $(\$ 41,445 \times 30 \%) / 12=$ | $\$ 1,036$ | - | $\$ 149$ | $=$ |
| $60 \%$ Inc. | 4BR | 6.0 | $(\$ 46,200 \times 30 \%$ |  |  |  |  |

## MAXIMUM ALLOWABLE RENT PER AMI LEVEL - AFTER RENOVATION

| $60 \%$ Inc. 1BR | 2.0 | $(\$ 29,880 \times 30 \%) / 12=$ | $\$ 747$ | - | $\$ 179$ | $=$ | $\$ 568$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| $60 \%$ Inc. 2BR | 3.0 | $(\$ 35,820 \times 30 \%) / 12=$ | $\$ 896$ | - | $\$ 244$ | $=$ | $\$ 652$ |
| $60 \%$ Inc. 3BR | 4.5 | $(\$ 41,445 \times 30 \%) / 12=$ | $\$ 1,036$ | - | $\$ 313$ | $=$ | $\$ 723$ |
| $60 \%$ Inc. $4 B R$ | 6.0 | $(\$ 46,200 \times 30 \%) / 12=$ | $\$ 1,155$ | - | $\$ 381$ | $=$ | $\$ 774$ |

## REASONABLE EXPOSURE AND MARKETING TIMES

Exposure time is always presumed to precede the effective date of appraisal. It is the estimated length of time the property would have been offered prior to a hypothetical market value sale on the effective date of appraisal. It assumes not only adequate, sufficient, and reasonable time but also adequate, sufficient, and reasonable marketing effort. To arrive at an estimate of exposure time for the subject, we considered direct and indirect market data gathered during the market analysis, the amount of time required for marketing the comparable sales included in this report, broker surveys, as well as information provided by national investor surveys that we regularly review. This information indicated typical exposure periods of less than twelve months for properties similar to the subject. Recent sales of similar quality apartment complexes were marketed for periods of less than twelve months. Therefore, we estimate a reasonable exposure time of 12 months or less.

A reasonable marketing time is the period a prospective investor would forecast to sell the subject immediately after the date of value, at the value estimated. The sources for this information include those used in estimating reasonable exposure time, but also an analysis of the anticipated changes in market conditions following the date of appraisal. Based on the premise that present market conditions are the best indicators of future performance, a prudent investor will forecast that, under the conditions described above, the subject property would require a marketing time of 12 months or less. This seems like a reasonable projection, given the current and projected market conditions.

In appraisal practice, the concept of highest and best use is the premise upon which value is based. The four criteria that the highest and best use must meet are: legal permissibility; physical possibility; financial feasibility; and maximum profitability.

Highest and best use is applied specifically to the use of a site as vacant. In cases where a site has existing improvements, the concluded highest and best use as if vacant may be different from the highest and best use as improved. The existing use will continue, however, until land value, at its highest and best use, exceeds that total value of the property under its existing use plus the cost of removing or altering the existing structure.

## HIGHEST AND BEST USE AS IF VACANT

The subject property is zoned RG-3, Residential General Sector 3, by the city of Atlanta. This zoning district does permit apartment development. Given the subject's specific location and surrounding uses, a zoning change seems unlikely. The site has adequate size and shape, and sufficient access and exposure to allow for nearly all types of allowable uses, but given the surrounding development, it is best suited for some type of moderate- to highdensity multi-family use. In our opinion, multi-family development will ultimately result in the maximum productive use of the site. Therefore, the highest and best use, as if vacant, is likely future development with a multi-family project.

## HIGHEST AND BEST USE AS IMPROVED

The subject improvements are reported to be in compliance with the city of Atlanta zoning ordinance. Further, the improvements are well suited for use as an apartment complex. It is possible the improvements could be converted to another use entirely, if the costs were justified. This seems highly unlikely. Our investigation indicates that there is sufficient demand in the area for apartments. Given that use of the improvements is basically limited to the existing or a similar use physically, and the fact that the improvements are financially feasible to operate, we conclude that the highest and best use of the property as improved is for continued use as an apartment complex.

Three basic approaches to value are typically considered. The cost, sales comparison, and income capitalization methodologies are described below.

- The cost approach is based on the premise that an informed purchaser will pay no more for the subject than the cost to produce an equivalent substitute. This approach is particularly applicable when the subject property is relatively new and represents the highest and best use of the land, or when relatively unique or specialized improvements are located on the site for which there exist few sales or lease comparables. The first step in the cost approach is to estimate land value (at its highest and best use). The second step is to estimate cost of all improvements. Improvement costs are then depreciated to reflect value loss from physical, functional and external causes. Land value and depreciated improvement costs are then added to indicate a total value.
- The income approach involves an analysis of the income-producing capacity of the property on a stabilized basis. The steps involved are: analyzing contract rent and comparing it to comparable rentals for reasonableness; estimating gross rent; making deductions for vacancy and collection losses as well as building expenses; and then capitalizing net income at a market-derived rate to yield an indication of value. The capitalization rate represents the relationship between net income and value.

Related to the direct capitalization method is discounted cash flow (DCF). In this method of capitalizing future income to a present value, periodic cash flows (which consist of net income less capital costs, per period) and a reversion (if any) are estimated and discounted to present value. The discount rate is determined by analyzing current investor yield requirements for similar investments.

- In the sales comparison approach, sales of comparable properties, adjusted for differences, are used to indicate a value for the subject. Valuation is typically accomplished using physical units of comparison such as price per square foot, price per square foot excluding land, price per unit, etc., or economic units of comparison such as a net operating income (NOI) or gross rent multiplier (GRM). Adjustments are applied to the physical units of comparison. Economic units of comparison are not adjusted, but rather are analyzed as to relevant differences, with the final estimate derived based on the general comparisons. The reliability of this approach is dependent upon: (a) availability of comparable sales data; (b) verification of the data; (c) degree of comparability; and (d) absence of atypical conditions affecting the sale price.

The purpose of this appraisal is to estimate prospective market value of the leasehold interest in the subject property, "upon completion and stabilization," of the proposed renovation under two scenarios, using both restricted and hypothetical unrestricted rents. We were also requested to estimate "as is" market value of the leasehold interest in the subject site and existing improvements, as well as the valuation of the tax credits and an analysis of the ground lease of the underlying site.

The subject is situated on the former site of the Techwood Homes public housing community. The entire property is owned by the Housing Authority of the City of Atlanta (HACA), who acquired the site for development of the original complex. The site underlying
the subject is ground leased to a limited partnership of the owner (Legacy Partnership I, LP) for a term of 55 years (Begun March 1996), at an annual rental rate of $\$ 10.00$. A provision in the ground lease stipulates The Housing Authority will provide funding for construction of 40\% of the units to be available to "Housing Authority Assisted" tenants, and rent on these units will be limited to reimbursement of operating expenses only. Further, Low Income Housing Tax Credits will provide funding for an additional $20 \%$ of the units with rent restricted to $60 \%$ of Area Median Income. Essentially, the restrictions on use of the land results in insufficient revenues to support a residual land value. Further, the improvements are only feasible to construct with the assistance of substantial incentives. Therefore, the land does not contribute value to the leasehold interest in the subject and, thus, was given no further consideration in our analysis.

The income approach is particularly applicable to this appraisal since the income producing capability is the underlying factor that would attract investors to the subject property. There is an adequate quality and quantity of income and expense data available to render a reliable and defensible value conclusion. Therefore, this approach was employed for this assignment. We performed the direct capitalization analyses in this approach. It is more direct with fewer subjective variables, and is more commonly relied upon by investors for the subject property type.

In regard to the sales comparison approach, sale prices of income producing properties are highly dependent on income characteristics. For this reason, a comparison of the net income of each property is more indicative of value for the property than comparison of physical units. We also performed a physical adjustment analysis. Given the quality of the comparable sales information that we did obtain, we believe that this approach provides a fairly reliable value estimate.

At the request of our client, in order to comply with DCA appraisal requirements, we are appraising the property under several scenarios, including hypothetical market rents assuming no rent restrictions. Thus, we must estimate the "hypothetical market value" of the leasehold interest in the subject property without regard to any restrictions.

In conclusion, we used two of the three traditional methods of analysis in this appraisal of the leasehold value of the subject. For various reasons that are discussed above, it is our opinion that the typical investor would place most reliance on the income approach.

The income capitalization approach to value is based upon an analysis of the economic benefits to be received from ownership of the subject. These economic benefits typically consist of the net operating income projected to be generated by the improvements. There are several methods by which the present value of the income stream may be measured, including direct capitalization and a discounted cash flow analysis. In this section, we used the direct capitalization method. We initially estimated potential rental income, followed by projections of vacancy and collection loss and operating expenses. The resultant net operating income is then capitalized into a value indication based on application of an appropriate overall capitalization rate.

## RENTAL INCOME ANALYSIS

## Subject Rental Income Analysis

The rent analysis compares the subject's current and proposed rents with effective rents at comparable developments in the area and then recommends rents for the subject based on market indications. The current rents were discussed in the Market Analysis Section previously, and the following chart shows our estimates of market rent by unit type. The subject's post-renovation rents and the comparable market and effective rents are presented in the following chart. Among the comparables, Ashley Auburn Pointe was most recently built and should be most similar to the renovated units at the subject post-renovation. Columbia Mechanicsville is the second most recently built complex of the comparables. It is important to note that the subject's location is superior to the comparables; the subject is located in the heart of downtown Atlanta, north of all the comparable properties.

| UNIT MIX AND APPRAISER RECOMMENDED RENTS - AS IS MAY 2013 AHA AT 60\% AMI SCENARIO Centennial Place Phase I Apartments |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unit Type | No. Units | Unit SF | Total Heated | Average Res Rent | Monthly Rent | Rent SF | Total Income |
| 1BR/1BA Market | 29 | 688 | 19,952 | \$775.00 | \$775 | \$1.13 | \$269,700 |
| 1BR/1BA Market | 1 | 688 | 688 | \$0.00 | \$775 | \$1.13 | \$9,300 |
| 1BR/1BA PHA | 9 | 688 | 6,192 | \$130.88 | \$643 | \$0.93 | \$69,444 |
| 1BR/1BA PHA HC | 1 | 688 | 688 | \$323.00 | \$643 | \$0.93 | \$7,716 |
| 1BR/1BA LIHTC 60\% | 26 | 688 | 17,888 | \$643.36 | \$643 | \$0.93 | \$200,616 |
| 2BR/1BA Market | 4 | 869 | 3,476 | \$886.67 | \$875 | \$1.01 | \$42,000 |
| 2BR/1BA Market | 1 | 875 | 875 | \$990.00 | \$875 | \$1.00 | \$10,500 |
| 2BR/2BA Market | 23 | 1,057 | 24,311 | \$958.68 | \$1,049 | \$0.99 | \$289,524 |
| 2BR/2BA Market | 3 | 1,041 | 3,123 | \$1,109.33 | \$1,049 | \$1.01 | \$37,764 |
| 2BR/1.5BA Market | 2 | 1,215 | 2,430 | \$1,357.00 | \$1,250 | \$1.03 | \$30,000 |
| 2BR/1BA PHA | 23 | 869 | 19,987 | \$202.29 | \$768 | \$0.88 | \$211,968 |
| 2BR/1BA PHA HC | 2 | 869 | 1,738 | \$144.00 | \$768 | \$0.88 | \$18,432 |
| 2BR/2BA PHA | 16 | 1,041 | 16,656 | \$327.33 | \$768 | \$0.74 | \$147,456 |
| 2BR/2BA PHA | 2 | 1,057 | 2,114 | \$91.50 | \$768 | \$0.73 | \$18,432 |
| 2BR/1BA LIHTC 60\% | 3 | 869 | 2,607 | \$756.50 | \$768 | \$0.88 | \$27,648 |
| 2BR/2BA LIHTC 60\% | 4 | 1,041 | 4,164 | \$811.00 | \$768 | \$0.74 | \$36,864 |
| 2BR/1.5BA LIHTC 60\% | 1 | 1,215 | 1,215 | \$829.00 | \$768 | \$0.63 | \$9,216 |
| 3BR/2.5BA Market | 1 | 1,254 | 1,254 | \$1,499.33 | \$1,500 | \$1.20 | \$18,000 |
| 3BR/2.5BA Market | 1 | 1,340 | 1,340 | \$1,499.33 | \$1,500 | \$1.12 | \$18,000 |
| 3BR/2.5BA Market | 1 | 1,594 | 1,594 | \$1,499.33 | \$1,500 | \$0.94 | \$18,000 |
| 3BR/2.5BA PHA | 19 | 1,254 | 23,826 | \$316.05 | \$886 | \$0.71 | \$202,008 |
| 3BR/2.5BA LIHTC 60\% | 3 | 1,254 | 3,762 | \$898.60 | \$886 | \$0.71 | \$31,896 |
| 3BR/2.5BA LIHTC 60\% | 2 | 1,594 | 3,188 | \$898.60 | \$886 | \$0.56 | \$21,264 |
| 4BR/2.5BA Market | 2 | 1,581 | 3,162 | \$1,837.50 | \$1,820 | \$1.15 | \$43,680 |
| 4BR/2.5BA PHA | 2 | 1,581 | 3,162 | \$579.00 | \$985 | \$0.62 | \$23,640 |
| Totals/Average | 181 | 936 | 169,392 |  | \$835 | \$0.89 | \$1,813,068 |

## Post Renovation Rents

After renovation, the subject will offer the same unit mix with updated interiors. The owner will install individual meters for water and sewer, making the tenant responsible for those utility expenses.

| UNIT MIX AND MARKET RENT SCHEDULE - POST RENOVATION Centennial Place Phase I Apartments |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Unit Type | No. Units | Unit SF | Total SF | Monthly Unit Rent | Rent SF | Total Income |
| 1BR/1BA Market | 30 | 688 | 20,640 | \$852 | \$1.24 | \$306,720 |
| 1BR/1BA PHA | 9 | 688 | 6,192 | \$568 | \$0.83 | \$61,344 |
| 1BR/1BA PHA HC Elec | 1 | 688 | 688 | \$590 | \$0.86 | \$7,080 |
| 1BR/1BA LIHTC 60\% | 24 | 688 | 16,512 | \$568 | \$0.83 | \$163,584 |
| 1BR/1BA LIHTC 60\% Elec | 2 | 688 | 1,376 | \$584 | \$0.85 | \$14,016 |
| 2BR/1BA Market | 4 | 869 | 3,476 | \$1,010 | \$1.16 | \$48,480 |
| 2BR/1BA Market | 1 | 875 | 875 | \$1,010 | \$1.15 | \$12,120 |
| 2BR/2BA Market | 23 | 1,057 | 24,311 | \$1,146 | \$1.08 | \$316,296 |
| 2BR/2BA Market | 3 | 1,041 | 3,123 | \$1,146 | \$1.10 | \$41,256 |
| 2BR/1.5BA Market | 2 | 1,215 | 2,430 | \$561 | \$0.46 | \$13,464 |
| 2BR/2BA PHA | 23 | 869 | 19,987 | \$651 | \$0.75 | \$179,676 |
| 2BR/2BA PHA HC Elec | 1 | 869 | 869 | \$669 | \$0.77 | \$8,028 |
| 2BR/2BA PHA | 16 | 1,041 | 16,656 | \$651 | \$0.63 | \$124,992 |
| 2BR/2BA PHA Elec | 1 | 1,041 | 1,041 | \$669 | \$0.64 | \$8,028 |
| 2BR/2BA PHA | 2 | 1,057 | 2,114 | \$651 | \$0.62 | \$15,624 |
| 2BR/2BA LIHTC 60\% | 3 | 869 | 2,607 | \$651 | \$0.75 | \$23,436 |
| 2BR/2BA LIHTC 60\% | 4 | 1,041 | 4,164 | \$651 | \$0.63 | \$31,248 |
| 2BR/1.5BA LIHTC 60\% | 1 | 1,215 | 1,215 | \$651 | \$0.54 | \$7,812 |
| 3BR/2.5BA Market | 1 | 1,254 | 1,254 | \$1,209 | \$0.96 | \$14,508 |
| 3BR/2.5BA Market | 1 | 1,340 | 1,340 | \$1,607 | \$1.20 | \$19,284 |
| 3BR/2.5BA Market | 1 | 1,594 | 1,594 | \$1,709 | \$1.07 | \$20,508 |
| 3BR/2.5BA PHA | 18 | 1,254 | 22,572 | \$722 | \$0.58 | \$155,952 |
| 3BR/2.5BA PHA Elec | 1 | 1,254 | 1,254 | \$735 | \$0.59 | \$8,820 |
| 3BR/2.5BA LIHTC 60\% | 3 | 1,254 | 3,762 | \$722 | \$0.58 | \$25,992 |
| 3BR/2.5BA LIHTC 60\% | 2 | 1,594 | 3,188 | \$722 | \$0.45 | \$17,328 |
| 4BR/2.5BA Market | 2 | 1,581 | 3,162 | \$1,887 | \$1.19 | \$45,288 |
| 4BR/2.5BA PHA | 1 | 1,581 | 1,581 | \$774 | \$0.49 | \$9,288 |
| 4BR/2.5BA PHA Elec | 1 | 1,581 | 1,581 | \$781 | \$0.49 | \$9,372 |
| Totals/Average | 181 | 937 | 169,564 | \$787 | \$0.84 | \$1,709,544 |

## One-Bedroom Units

The subject will have one $1 \mathrm{BR} / 1 \mathrm{BA}$ floor plan of $688-\mathrm{SF}$ plan for $\$ 852$ per month (\$1.24/SF). The comparable one-bedroom units range in size from 600 to 867 square feet and average 747 square feet. The subject's floor plan is within the range of the comparables. Effective rents at the comparables range from $\$ 545$ to $\$ 850$ ( $\$ 0.80$ to $\$ 1.13$ per square foot) and average $\$ 753$ ( $\$ 1.01$ per square foot). The subject's proposed rent is above the range of the comparables on a monthly and per-SF basis, similar to the Ashley Auburn Pointe comparable, though smaller. We feel that $\$ 852$ is a reasonable post-renovation rent projection, given the subject's superior location. The subject 688-SF floor plan will also be offered as $60 \%$ LIHTC unit at a rent of $\$ 747$ per month, less a utility allowance of $\$ 179$, for a net rent of $\$ 568$ (one all-electric unit could be $\$ 590$ ). This projection is the maximum allowable
rents and is within the range of the comparables; therefore, we used it in our analysis. We also relied on the projections for maximum allowable Authority Assisted rents at $\$ 568$ per unit.

| APARTMENT RENT COMPARABLE SUMMARY |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ONE-BEDROOM UNITS |  |  |  |  |  |  |  |

## Two-Bedroom Units

The subject will have five 2BR floor plans including an 869-SF plan for $\$ 1,010$ per month (\$1.16/SF), an 875-SF plan for $\$ 1,010$ per month (\$1.15/SF), a $1,041-\mathrm{SF}$ plan for $\$ 1,146$ per month ( $\$ 1.10 /$ SF), a 1,057 -SF plan for $\$ 1,146$ per month ( $\$ 1.08 /$ SF), and a 1,215 SF plan for $\$ 1,505$ per month ( $\$ 1.24 / \mathrm{SF}$ ). The comparable two-bedroom units range in size from 870 to 1,319 square feet and average 1,067 square feet. The smallest floor plan is just below the range of the comparables, while the rest are within the range of the comparables. Effective rents at the comparables range from $\$ 705$ to $\$ 1,365$ ( $\$ 0.75$ to $\$ 1.15$ per square foot) and average $\$ 949$ ( $\$ 0.89$ per square foot). The subject's proposed rents are within the range for all the floorplans except the largest ( $1,215 \mathrm{SF}$ at $\$ 1,505$ ). For the two smaller floorplans, lower rent levels seem appropriate; none of the smaller floorplans at the comparables are above $\$ 900$. Given the superior location, we estimate rents for the two smaller floorplans of $\$ 925$. For the two mid-sized floorplans, projected rents of $\$ 1,146$ are slightly above those of Ashley Auburn Pointe and appear reasonable. For the largest floorplan, rent of $\$ 1,300$ appears to be about the maximum supported by the comparables. At these rent levels, all the two-bedroom floorplans have rents between $\$ 1.06$ and $\$ 1.10$ per square foot, at the top of the range indicated by the comparables.

The subject $869-$ SF, $1,041-$ SF and $1,215-$ SF floor plans are also offered as $60 \%$ LIHTC units. Proposed rents are $\$ 895$ for the units, less a $\$ 244$ utility allowance, for net rent of $\$ 651$. This projection is the maximum allowable rent although below the range of the
comparables; therefore, we used it in our analysis. We also relied on the projections for maximum allowable Authority Assisted rents at $\$ 651$ per unit.

| APARTMENT RENT COMPARABLE SUMMARY TWO-BEDROOM UNITS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparable | Bath | Size | Market Rent |  | AHA 60\% |  | LIHTC (60\%) |  |
| No. and Name | Qty. | (SF) | Per Unit | Per SF | Per Unit | Per SF | Per Unit | Per SF |
| Subject Post Renovation | 1.0 | 869 | \$1,010 | \$1.16 | \$651 | \$0.75 | \$651 | \$0.75 |
| Subject Post Renovation | 1.0 | 875 | \$1,010 | \$1.15 | N/Ap | N/Ap | N/Ap | N/Ap |
| Subject Post Renovation | 2.0 | 1,041 | \$1,146 | \$1.10 | \$651 | \$0.63 | \$651 | \$0.63 |
| Subject Post Renovation | 2.0 | 1,057 | \$1,146 | \$1.08 | \$651 | \$0.62 | N/Ap | N/Ap |
| Subject Post Renovation | 1.5 | 1,215 | \$1,505 | \$1.24 | N/Ap | N/Ap | \$651 | \$0.54 |
| 1. Ashley Auburn Pointe I | 2.0 | 1,079 | \$1,100 | \$1.02 | N/Ap | N/Ap | \$736 | \$0.68 |
| 2. Columbia Mechanicsville | 2.0 | 1,005 | \$900 | \$0.90 | \$606 | \$1.00 | \$773 | \$0.77 |
| 3. Capitol Gateway I and II | 1.0 | 910 | \$850 | \$0.93 | N/Ap | N/Ap | \$777 | \$0.85 |
| 3. Capitol Gateway I and II | 2.0 | 978 | \$900 | \$0.92 | N/Ap | N/Ap | \$777 | \$0.79 |
| 3. Capitol Gateway I and II | 2.0 | 1,031 | \$900 | \$0.87 | N/Ap | N/Ap | \$777 | \$0.75 |
| 3. Capitol Gateway I and II | 2.0 | 1,047 | \$900 | \$0.86 | N/Ap | N/Ap | \$777 | \$0.74 |
| 3. Capitol Gateway I and II | 2.0 | 1,050 | \$900 | \$0.86 | N/Ap | N/Ap | \$777 | \$0.74 |
| 3. Capitol Gateway I and II | 2.5 | 1,178 | \$1,175 | \$1.00 | N/Ap | N/Ap | \$777 | \$0.66 |
| 3. Capitol Gateway I and II | 2.5 | 1,319 | \$1,300 | \$0.99 | N/Ap | N/Ap | \$777 | \$0.59 |
| 4. Magnolia Park | 1.5 | 870 | \$705 | \$0.81 | N/Ap | N/Ap | \$705 | \$0.81 |
| 4. Magnolia Park | 2.0 | 955 | \$745 | \$0.78 | N/Ap | N/Ap | \$745 | \$0.78 |
| 5. Villages at Castleberry Hill | 1.0 | 890 | \$820 | \$0.92 | N/Ap | N/Ap | \$715 | \$0.80 |
| 5. Villages at Castleberry Hill | 2.0 | 947 | \$799 | \$0.84 | N/Ap | N/Ap | \$750 | \$0.79 |
| 5. Villages at Castleberry Hill | 2.0 | 1,064 | \$799 | \$0.75 | N/Ap | N/Ap | \$750 | \$0.70 |
| 5. Villages at Castleberry Hill | 2.5 | 1,188 | \$1,365 | \$1.15 | N/Ap | N/Ap | \$795 | \$0.67 |
| 6. Ashley Collegetown II | 2.0 | 989 | \$875 | \$0.88 | N/Ap | N/Ap | N/Ap | N/Ap |
| 6. Ashley Collegetown II | 2.0 | 1,073 | \$875 | \$0.82 | N/Ap | N/Ap | \$760 | \$0.71 |
| 6. Ashley Collegetown II | 2.0 | 1,223 | \$975 | \$0.80 | N/Ap | N/Ap | \$760 | \$0.62 |
| 6. Ashley Collegetown II | 2.0 | 1,250 | \$1,025 | \$0.82 | N/Ap | N/Ap | \$760 | \$0.61 |
| 6. Ashley Collegetown II | 2.0 | 1,285 | \$1,075 | \$0.84 | N/Ap | N/Ap | \$760 | \$0.59 |
| Average of comps |  | 1,067 | \$949 | \$0.89 | \$606 | \$1.00 | \$760 | \$0.72 |
| Maximum |  | 1,319 | \$1,365 | \$1.15 | \$606 | \$1.00 | \$795 | \$0.85 |
| Minimum |  | 870 | \$705 | \$0.75 | \$606 | \$1.00 | \$705 | \$0.59 |

## Three-Bedroom Units - Market

The subject will have three 3BR floor plans including a 1,254-SF 2.5 bath plan for $\$ 1,209$ per month ( $\$ 0.96 / S F$ ), a $1,340-$ SF 2.5 bath townhome plan for $\$ 1,607$ per month ( $\$ 1.20 /$ SF) and a $1,594-$ SF 2.5 bath plan for $\$ 1,709$ per month (\$1.07/SF). The comparable three-bedroom units range in size from 1,038 to 1,594 square feet and average 1,242 square feet. All of the subject's floor plans are within the range of the comparables. Effective rents at the comparables (which consider concessions) range from $\$ 875$ to $\$ 1,325$ ( $\$ 0.72$ to $\$ 1.03$ per square foot) and average $\$ 1,096$ ( $\$ 0.87$ per square foot). The subject's proposed effective rents for the two larger floorplans are considerably above the range of the comparables on a monthly basis and on a per-SF basis, but they are well supported by the actual rents already in place. We recommend rents above the indicated range of the comparables; $\$ 1,550$ per month
(\$1.24 per square foot), \$1,550 (\$1.16 per square foot), and \$1,600 (\$1.00 per square foot), respectively.

Two of the subject's 3BR floor plans will be offered as 60\% LIHTC units. Proposed rents are $\$ 1,035$ for the units, less a $\$ 313$ utility allowance, for net rent of $\$ 722$. One allelectric unit could rent at $\$ 735$. This projection is the maximum allowable rent, although below the range of the comparables; therefore, we used it in our analysis. We also relied on the projections for maximum allowable Authority Assisted rents at $\$ 722$ per unit.

| APARTMENT RENT COMPARABLE SUMMARY THREE-BEDROOM UNITS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparable | Bath | Size | Mark | Rent | AHA | 0\% | LIHT | 0\%) |
| No. and Name | Qty. | (SF) | Per Unit | Per SF | Per Unit | Per SF | Per Unit | Per SF |
| Subject Post Renovation | 2.5 | 1,254 | \$1,209 | \$0.96 | \$618 | \$0.49 | \$722 | \$0.58 |
| Subject Post Renovation | 2.5 | 1,340 | \$1,607 | \$1.20 | N/Ap | N/Ap | N/Ap | N/Ap |
| Subject Post Renovation | 2.5 | 1,594 | \$1,709 | \$1.07 | N/Ap | N/Ap | \$722 | \$0.45 |
| 1. Ashley Auburn Pointe I | 2.0 | 1,264 | N/Ap | N/Ap | N/Ap | N/Ap | \$811 | \$0.64 |
| 2. Columbia Mechanicsville | 2.0 | 1,200 | \$1,100 | \$0.92 | \$691 | \$0.58 | \$853 | \$0.71 |
| 3. Capitol Gateway I and II | 2.0 | 1,258 | \$1,300 | \$1.03 | N/Ap | N/Ap | \$859 | \$0.68 |
| 3. Capitol Gateway I and II | 2.0 | 1,314 | \$1,325 | \$1.01 | N/Ap | N/Ap | \$859 | \$0.65 |
| 4. Magnolia Park | 2.0 | 1,080 | \$875 | \$0.81 | N/Ap | N/Ap | \$875 | \$0.81 |
| 4. Magnolia Park | 2.5 | 1,290 | \$925 | \$0.72 | N/Ap | N/Ap | \$925 | \$0.72 |
| 5. Villages at Castleberry Hill | 2.5 | 1,138 | \$899 | \$0.79 | N/Ap | N/Ap | N/Ap | N/Ap |
| 5. Villages at Castleberry Hill | 2.5 | 1,038 | N/Ap | N/Ap | N/Ap | N/Ap | \$850 | \$0.82 |
| 6. Ashley Collegetown II | 2.0 | 1,594 | \$1,250 | \$0.78 | N/Ap | N/Ap | \$811 | \$0.51 |
| Average of comps |  | 1,242 | \$1,096 | \$0.87 | \$691 | \$0.58 | \$855 | \$0.69 |
| Maximum |  | 1,594 | \$1,325 | \$1.03 | \$691 | \$0.58 | \$925 | \$0.82 |
| Minimum |  | 1,038 | \$875 | \$0.72 | \$691 | \$0.58 | \$811 | \$0.51 |

## Four-Bedroom Units - Market

The subject will have one 4BR floor plan 2.5 bath plan with proposed rent of $\$ 1,887$ per month (\$1.19/SF). The comparable four-bedroom unit is 1,447 square feet, slightly smaller than the subject. Effective rent at the comparable (which considers concessions) is $\$ 1,300$ ( $\$ 0.90$ per square foot). The subject's effective rent is above the comparable on a monthly and per-SF basis. It is also above the range for the comparable three-bedroom units on a per square foot basis, though it is well supported by the actual rents in place. We recommend rent of $\$ 1,850$ per month as more in-line with the comparable and market for larger apartment floorplans. We relied on the projections for maximum allowable Authority Assisted rents at \$781 per unit.

| APARTMENT RENT COMPARABLE SUMMARY FOUR-BEDROOM UNITS |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Comparable | Bath | Size | Market Rent |  | AHA 60\% |  | LIHTC (60\%) |  |
| No. and Name | Qty. | (SF) | Per Unit | Per SF | Per Unit | Per SF | Per Unit | Per SF |
| Subject Post Renovation | 2.5 | 1,581 | \$1,887 | \$1.19 | \$781 | \$0.49 | N/Ap | N/Ap |
| 3. Capitol Gateway I and II | 2.0 | 1,447 | \$1,300 | \$0.90 | N/Ap | N/Ap | \$920 | \$0.64 |
| Average of comps |  | 1,447 | \$1,300 | \$0.90 | N/Ap | N/Ap | \$920 | \$0.64 |
| Maximum |  | 1,447 | \$1,300 | \$0.90 | N/Ap | N/Ap | \$920 | \$0.64 |
| Minimum |  | 1,447 | \$1,300 | \$0.90 | N/Ap | N/Ap | \$920 | \$0.64 |

## Conclusion

Our estimates of rents for the subject's units (post renovation) are presented in the following chart. Potential gross rental income at these rents is $\$ 1,833,456$, or $\$ 10,130$ per unit.

| Unit Type | No. Units | Heated SF | Total SF | Monthly Unit Rent | Rent SF | Total Income |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1BR/1BA Market | 30 | 688 | 20,640 | \$852 | \$1.24 | \$306,720 |
| 1BR/1BA PHA | 9 | 688 | 6,192 | \$568 | \$0.83 | \$61,344 |
| 1BR/1BA PHA HC | 1 | 688 | 688 | \$568 | \$0.83 | \$6,816 |
| 1BR/1BA LIHTC 60\% | 26 | 688 | 17,888 | \$925 | \$1.34 | \$288,600 |
| 2BR/1BA Market | 4 | 869 | 3,476 | \$925 | \$1.06 | \$44,400 |
| 2BR/1BA Market | 1 | 875 | 875 | \$925 | \$1.06 | \$11,100 |
| 2BR/2BA Market | 23 | 1,057 | 24,311 | \$1,146 | \$1.08 | \$316,296 |
| 2BR/2BA Market | 3 | 1,041 | 3,123 | \$1,146 | \$1.10 | \$41,256 |
| 2BR/1.5BA Market | 2 | 1,215 | 2,430 | \$1,300 | \$1.07 | \$31,200 |
| 2BR/1BA PHA | 23 | 869 | 19,987 | \$651 | \$0.75 | \$179,676 |
| 2BR/1BA PHA HC | 2 | 869 | 1,738 | \$651 | \$0.75 | \$15,624 |
| 2BR/2BA PHA | 16 | 1,041 | 16,656 | \$651 | \$0.63 | \$124,992 |
| 2BR/2BA PHA | 2 | 1,057 | 2,114 | \$651 | \$0.62 | \$15,624 |
| 2BR/1BA LIHTC 60\% | 3 | 869 | 2,607 | \$651 | \$0.75 | \$23,436 |
| 2BR/2BA LIHTC 60\% | 4 | 1,041 | 4,164 | \$651 | \$0.63 | \$31,248 |
| 2BR/1.5BA LIHTC 60\% | 1 | 1,215 | 1,215 | \$651 | \$0.54 | \$7,812 |
| 3BR/2.5BA Market | 1 | 1,254 | 1,254 | \$1,550 | \$1.24 | \$18,600 |
| 3BR/2.5BA Market | 1 | 1,340 | 1,340 | \$1,550 | \$1.16 | \$18,600 |
| 3BR/2.5BA Market | 1 | 1,594 | 1,594 | \$1,600 | \$1.00 | \$19,200 |
| 3BR/2.5BA PHA | 19 | 1,254 | 23,826 | \$722 | \$0.58 | \$164,616 |
| 3BR/2.5BA LIHTC 60\% | 3 | 1,254 | 3,762 | \$722 | \$0.58 | \$25,992 |
| 3BR/2.5BA LIHTC 60\% | 2 | 1,594 | 3,188 | \$722 | \$0.45 | \$17,328 |
| 4BR/2.5BA Market | 2 | 1,581 | 3,162 | \$1,850 | \$1.17 | \$44,400 |
| 4BR/2.5BA PHA | 2 | 1,581 | 3,162 | \$774 | \$0.49 | \$18,576 |
| Totals/Average | 181 | 936 | 169,392 | \$844 | \$0.90 | \$1,833,456 |

## OTHER INCOME

As will be seen in the re-constructed operating statements on a following page, for 2010, 2011 and 2012, actual other income for the subject was $\$ 1,037$, $\$ 206$ and $\$ 260$ per unit, respectively. The 2013 budget was $\$ 197$. IREM indicates a range of $\$ 337$ to $\$ 1,029$ per unit, and a median of $\$ 779$ per unit for the Atlanta area. Our experience has shown that other income is typically on the low-end of the spectrum for lower-income properties like the subject. Based upon the above, as well as our experience with similar properties, we forecast other income at $\$ 275$ per unit, or $\$ 49,775$.

## VACANCY AND COLLECTION LOSS

The comparables reported physical occupancies from $69 \%$ to $100 \%$ with a weighted average of about $90 \%$. The subject property is currently $93 \%$ occupied and $97 \%$ pre-leased. We also reviewed the historical operating statements at the subject over the past three years (details are shown in the Income Approach section of this report). According to the statements, the economic loss attributable to physical vacancy was about $6 \%$ in 2010, $7 \%$ in 2011 and $7 \%$ in 2012. One dedicated model unit contributes to the total physical vacancy figure. The owner's 2013 budget includes a $4.3 \%$ physical vacancy loss. Collection loss was minimal, below $1 \%$ all three years and in the 2013 budget. Based on all of this information, we concluded a 94\% physical and 92\% economic occupancy after factoring collection loss.

## EFFECTIVE GROSS INCOME

After accounting for other income, and factoring in vacancy and collection loss of 9\%, our projected annual effective gross rental income "as is" is $\$ 1,695,187$ or $\$ 9,366$ per unit. After renovation, reduction in rents for the LIHTC and Authority-Assisted units to account for utility expense lower expected income. Projected effective gross income after renovation is $\$ 1,713,740$ or $\$ 9,468$ per unit.

## EXPENSE ANALYSIS

In deriving an estimate of net income, it is necessary to consider various expenses and allowances ascribable to the operation of a property of this type. We were provided actual operating history for 2010, 2011 and 2012, as well as a 2013 budget. In addition, we reviewed industry standard expenses as published in the 2012 edition of the Income/Expense Analysis - Conventional Apartments published by IREM (Institute of Real Estate Management). Further, we considered recent operating expense data from four apartment projects in various
locations in Atlanta. The subject's historical operating data and budget, IREM data, and expense comparables are summarized in the following charts.

| HISTORICAL OPERATING STATEMENTS 2010-2012 Centennial Phase I |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 168,286 | SF | 181 | Units |  |  |  |
|  | $\begin{aligned} & \text { Actual } \\ & 2010 \end{aligned}$ | Per Unit | $\begin{aligned} & \text { Actual } \\ & 2011 \end{aligned}$ | Per Unit | Actual <br> 2012 | Per Unit | Budget $2013$ | Per Unit |
| Potential Rental Income | \$1,366,250 | \$7,548 | \$1,318,180 | \$7,283 | \$1,302,248 | \$7,195 | \$1,289,976 | \$7,127 |
| Subsidy | \$481,180 |  | \$400,536 |  | \$351,377 |  | \$290,486 | \$1,605 |
| Misc. Other Income | 187,712 | 1,037 | 37,294 | 206 | 47,141 | 260 | 35,744 | 197 |
| Subtotal Other Income | 668,892 | 3,696 | 437,830 | 2,419 | 398,518 | 2,202 | 326,230 | 1,802 |
| Other as \% of Rental Inc. | 48.96\% |  | 33.21\% |  | 30.60\% |  | 25.29\% |  |
| Potential Gross Income | \$2,035,142 | \$11,244 | \$1,756,010 | \$9,702 | \$1,700,766 | \$9,396 | \$1,616,206 | \$8,929 |
| Vacancy \& Collection Loss | -5.6\% |  | -6.8\% |  | -7.0\% |  | -4.3\% |  |
| Vacancy | $(113,433)$ | (627) | $(118,696)$ | (656) | $(119,323)$ | (659) | $(69,792)$ | (386) |
| Bad Debt | $(16,976)$ | (94) | $(6,626)$ | (37) | $(10,032)$ | (55) | $(9,021)$ | (50) |
| Concessions | $(116,215)$ | (642) | $(75,435)$ | (417) | $(10,045)$ | (55) | $(9,174)$ | (51) |
| Subtotal V \& C Loss | $(246,624)$ | $(1,363)$ | $(200,757)$ | $(1,109)$ | $(139,400)$ | (770) | $(87,987)$ | (486) |
| V \& C as \% of PGI | -12.12\% |  | -11.43\% |  | -8.20\% |  | -5.44\% |  |
| Effective Gross Income | \$1,788,518 | \$9,881 | \$1,555,253 | \$8,593 | \$1,561,366 | \$8,626 | \$1,528,219 | \$8,443 |
| Real Estate Taxes | \$124,801 | \$690 | \$107,669 | \$595 | \$98,099 | \$542 | \$100,808 | \$557 |
| Insurance | 36,632 | 202 | 53,845 | 297 | 33,527 | 185 | 36,006 | 199 |
| Management Fee | 95,045 | 525 | 96,891 | 535 | 97,224 | 537 | 114,176 | 631 |
| Mgmt. as a \% of EGI | 5.3\% |  | 6.2\% |  | 6.2\% |  | 7.5\% |  |
| Utilities | 282,845 | 1,563 | 354,904 | 1,961 | 354,212 | 1,957 | 272,880 | 1,508 |
| Payroll | 280,073 | 1,547 | 293,090 | 1,619 | 296,414 | 1,638 | 287,488 | 1,588 |
| Cleaning \& Redecorating |  | 0 |  | 0 |  | 0 |  |  |
| Repairs \& Maintenance | 412,969 | 2,282 | 317,614 | 1,755 | 265,274 | 1,466 | 259,483 | 1,434 |
| Landscaping and grounds | 3,122 | 17 | 26,935 | 149 | 33,879 | 187 | 32,127 | 177 |
| Advertising \& Promotion | 27,508 | 152 | 26,717 | 148 | 20,719 | 114 | 21,092 | 117 |
| Admin. \& Misc. | 96,472 | 533 | 101,145 | 559 | 80,269 | 443 | 69,415 | 384 |
| Total Expenses | \$1,359,467 | \$7,511 | \$1,378,810 | \$7,618 | \$1,279,617 | \$7,070 | \$1,193,475 | \$6,594 |
| As a \% of EGI | 76.01\% |  | 88.66\% |  | 81.95\% |  | 78.10\% |  |
| Net Income | \$429,051 | \$2,370 | \$176,443 | \$975 | \$281,749 | \$1,557 | \$334,744 | \$1,849 |
| Capital Expenditures | 0 | \$0 | \$0 | \$0 | \$49,605 | \$274 | \$76,791 | 424 |
| Net Cash Flow | \$429,051 | \$2,370 | \$176,443 | \$975 | \$232,144 | \$1,283 | \$257,953 | \$1,425 |

Notes: Totals may not sum exactly, due to rounding.
Source: The operating statements were reconstructed from information provided by the owner.

| LIHTC OPERATING EXPENSE COMPARABLES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Property Name | Capitol Gateway I\&II |  | Carver, Phase III |  | Carver, Phase V |  | Collegetown, Phase I |  |
| Location | Atlanta, GA |  |  |  | Atlanta, GA |
| No. Units | 269 |  | 216 |  |  |  | 165 |  | 199 |  |
| Avg. Unit Size | 937 |  | 996 |  | 933 |  | 1,006 |  |
| Year Built | 2007 |  | 2004 |  | 2007 |  | 2005 |  |
|  | Actual | Trended | Actual | Trended | Actual | Trended | Actual | Trended |
| Effective Date/\% Trendec | 2012 | 0.0\% | 2012 | 0.0\% | 2012 | 0.00\% | 2012 | 0.00\% |
| Real Estate Taxes | \$465 | \$465 | \$268 | \$268 | \$355 | \$355 | \$275 | \$275 |
| Insurance | 194 | 194 | 217 | 217 | 171 | 171 | 197 | 197 |
| Management Fee: | 493 | 493 | 437 | 437 | 447 | 447 | 482 | 482 |
| \% of EGI | 5.9\% |  | 5.8\% |  | 6.1\% |  | 5.9\% |  |
| Utilities | 1,089 | 1,089 | 1,563 | 1,563 | 1,365 | 1,365 | 1,512 | 1,512 |
| Salaries \& Labor | 1,443 | 1,443 | 1,710 | 1,710 | 1,611 | 1,611 | 1,649 | 1,649 |
| Repairs/Redecorating | 609 | 609 | 939 | 939 | 899 | 899 | 417 | 417 |
| Landscaping/Amenities | 67 | 67 | 131 | 131 | 131 | 131 | 80 | 80 |
| Security | 285 | 285 | 454 | 454 | 363 | 363 | 571 | 571 |
| Advert. \& Promotion | 122 | 122 | 71 | 71 | 73 | 73 | 99 | 99 |
| Administrative/Misc. | 533 | 533 | 628 | 628 | 742 | 742 | 637 | 637 |
| Total Expenses | \$5,300 | \$5,300 | \$6,418 | \$6,418 | \$6,157 | \$6,157 | \$5,919 | \$5,919 |


| 2012 IREM INCOME \& EXPENSE DATA FOR ATLANTA, GEORGIA |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Income \& Expense Category (A) | Annual Income and Expense as \% of Gross Potential Income |  |  | Annual Income and Expense Per Unit |  |  | \$/Sq. Ft. |  |  |
|  | Low | Median | High | Low | Median | High | Med | Low | High |
| Income |  |  |  |  |  |  |  |  |  |
| Gross Possible Rents: | 90.5\% | 92.4\% | 96.0\% | \$7,959 | \$9,352 | \$11,057 | \$9.60 | \$8.17 | \$11.35 |
| Other Income: | 3.2\% | 7.6\% | 9.1\% | \$337 | \$779 | \$1,029 | \$0.81 | \$0.35 | \$1.07 |
| Gross Possible Income: | 100.0\% | 100.0\% | 100.0\% | \$8,631 | \$10,344 | \$11,948 | \$10.51 | \$8.77 | \$12.14 |
| Vacancies/Rent Loss: | 5.5\% | 11.7\% | 19.6\% | \$631 | \$1,239 | \$2,168 | \$1.12 | \$0.57 | \$1.96 |
| Total Collections: | 77.0\% | 85.2\% | 91.5\% | \$7,550 | \$8,676 | \$11,754 | \$8.09 | \$7.04 | \$10.96 |
| Expenses (B) |  |  |  |  |  |  |  |  |  |
| Real Estate Taxes | 5.3\% | 7.2\% | 8.8\% | \$521 | \$718 | \$954 | \$0.73 | \$0.53 | \$0.97 |
| Insurance | 1.4\% | 1.8\% | 2.5\% | \$161 | \$171 | \$231 | \$0.17 | \$0.16 | \$0.23 |
| Management Fee | 2.2\% | 2.6\% | 4.0\% | \$241 | \$281 | \$492 | \$0.28 | \$0.24 | \$0.49 |
| Total Utilities | 5.7\% | 7.5\% | 9.6\% | \$598 | \$753 | \$973 |  |  |  |
| Water/sewer (common \& Apts) | 4.2\% | 5.4\% | 6.9\% | \$442 | \$535 | \$710 | \$0.52 | \$0.43 | \$0.69 |
| Electric (common only) | 1.4\% | 1.8\% | 2.1\% | \$148 | \$188 | \$218 | \$0.19 | \$0.15 | \$0.22 |
| Gas (common only) | 0.1\% | 0.3\% | 0.6\% | \$8 | \$30 | \$45 | \$0.04 | \$0.01 | \$0.06 |
| Salaries and Administrative (C) | 8.2\% | 10.3\% | 15.1\% | \$856 | \$1,142 | \$1,639 |  |  |  |
| Other Administrative | 3.3\% | 4.8\% | 7.4\% | \$384 | \$554 | \$788 | \$0.52 | \$0.36 | \$0.74 |
| Other Payroll | 4.9\% | 5.5\% | 7.7\% | \$473 | \$588 | \$851 | \$0.56 | \$0.45 | \$0.81 |
| Maint. \& Repairs | 1.8\% | 3.1\% | 4.7\% | \$165 | \$310 | \$533 | \$0.32 | \$0.17 | \$0.55 |
| Painting \& Redecorating (D) | 1.1\% | 1.7\% | 2.3\% | \$107 | \$175 | \$233 | \$0.18 | \$0.11 | \$0.24 |
| Grounds Maint. \& Amenities (D) | 1.3\% | 1.7\% | 2.3\% | \$138 | \$190 | \$274 |  |  |  |
| Grounds Maintenance | 1.2\% | 1.5\% | 2.1\% | \$128 | \$170 | \$244 | \$0.16 | \$0.12 | \$0.23 |
| Recreational/Amenities | 0.1\% | 0.2\% | 0.2\% | \$10 | \$20 | \$30 | \$0.02 | \$0.01 | \$0.03 |
| Security (D) | 0.1\% | 0.2\% | 0.7\% | \$0 | \$18 | \$54 | \$0.02 | \$0.00 | \$0.06 |
| Other/Miscellaneous | 0.4\% | 2.0\% | 3.0\% | \$45 | \$161 | \$270 |  |  |  |
| Building Services | 0.3\% | 0.7\% | 1.0\% | \$37 | \$65 | \$102 | \$0.07 | \$0.04 | \$0.11 |
| Other Operating | 0.1\% | 1.3\% | 2.0\% | \$8 | \$96 | \$168 | \$0.12 | \$0.01 | \$0.21 |
| Total Expenses: | 32.6\% | 37.8\% | 43.8\% | \$3,596 | \$4,168 | \$4,781 | \$4.01 | \$3.46 | \$4.60 |
| Net Operating Income: | 32.8\% | 46.0\% | 52.5\% | \$3,329 | \$4,908 | \$6,357 | \$4.91 | \$3.33 | \$6.36 |

Notes: Survey for Atlanta, Georgia includes 19,328 apartment units with an average unit size of 1,023 square feet.
(A) Median is the middle of the range, Low means $25 \%$ of the sample is below this figure, High mean $25 \%$ of the sample is above figure.
(B) Line item expenses do not necessarily correspond to totals due to variances in expenses reported and sizes of reporting complexes.
(C) Includes administrative salaries and expenses, as well as maintenance salaries.
(D) Includes salaries associated with these categories.

Source: 2012 Income/Expense Analyses: Conventional Apartments by the Institute of Real Estate Management (IREM).

## Real Estate Taxes

Real estate taxes were discussed in an earlier section of this report. We used a rounded $\$ 100,000$, or $\$ 552$ per unit, in our analysis.

## Insurance

For 2010, 2011 and 2012, actual insurance expenses for the subject were $\$ 202$, $\$ 297$, and $\$ 185$, respectively. The 2013 budget is projected at $\$ 199$ per unit. IREM indicates a range of $\$ 161$ to $\$ 231$ per unit, and a median of $\$ 171$ per unit for the Atlanta area. The comparables indicate insurance expenses within a range of $\$ 171$ to $\$ 217$ per unit and average $\$ 195$. After the March 2013 fire in the clubhouse/leasing office, the complex decided to carry more comprehensive insurance. Based upon the foregoing considerations, we forecast insurance expense at $\$ 300$ per unit.

## Management Fee

Management expense for an apartment complex is typically negotiated on a percent of collected revenues (effective gross income, or EGI). This percentage typically ranges from $3.0 \%$ to $5.0 \%$ for a traditional apartment complex, depending on the size of the complex and position in the market. The historical operating statements indicate a range for the past few years from $5.3 \%$ to $6.2 \%$, with 2013 budgeted at $7.5 \%$, which appears high. Current management clarified that their fee is $5.5 \%$, and that the Atlanta Housing Authority receives a $1 \%$ management fee as well. IREM indicates a range from $2.2 \%$ to $4.0 \%$ with a median of $2.6 \%$. However, LIHTC properties, such as the subject, tend to have higher management fees. We included a management fee of $6.5 \%$.

## Utilities

This expense covers all energy costs related to the leasing office, vacant units, and common areas, including exterior lighting. At some complexes, it also may include trash removal and water/sewer costs for apartments. In the subject's case, the complex pays for water, sewer and trash. The tenants pay for electric and gas. For 2010, 2011 and 2012, actual utilities expenses for the subject were $\$ 1,563, \$ 1,961$ and $\$ 1,957$, respectively, with the 2013 budget at $\$ 1,508$ per unit, though year-to-date figures show the utilities expense above budget. The proposed renovation will make water/sewer expenses the responsibility of the tenant. Analysis of trailing 12-month utilities shows water and sewer expenses account for almost $\$ 1,000$ per unit of the almost $\$ 2,000$ per unit of utility expense. IREM indicates a range of $\$ 598$ to $\$ 973$ per unit, and a median of $\$ 753$ per unit. The comparables indicate utilities expenses within a range of $\$ 1,089$ to $\$ 1,563$ per unit and average $\$ 1,382$. The lower budgeted number should be reliable because the complex is changing the way the utilities are
allocated among phases, with Phase I seeing a reduction in their share. Based upon the foregoing considerations, we forecast utilities expense at $\$ 1,500$ per unit "as is," with a reduction, post renovation, to $\$ 900$ per unit.

## Salaries and Labor

This expense covers all payroll and labor expenses, including direct and indirect expenses. The taxes and benefits portion of this expense also includes the employer's portion of social security taxes, group health insurance and workman's comp insurance. In addition, employees typically incur overtime pay at times. For 2010, 2011 and 2012, actual expenses for the subject were $\$ 1,547, \$ 1,619$ and $\$ 1,638$, respectively. The 2013 budget is projected at $\$ 1,588$ per unit. IREM indicates a range of $\$ 856$ to $\$ 1,639$ per unit, and a median of $\$ 1,142$ per unit. The comparables indicate salaries and labor expenses within a range of $\$ 1,443$ to $\$ 1,710$ per unit and average $\$ 1,603$. Based upon the foregoing considerations, we forecast salaries and labor expense, post renovation, at \$1,600 per unit.

## Maintenance and Repairs / Painting and Redecorating

This expense category includes the cost of minor repairs to the apartment units, including painting and redecorating. Interior maintenance amounts to cleaning, electrical repairs, exterminating, contract labor for painting, and plumbing repairs. Exterior maintenance amounts to painting, and replacement or repairs to parking lots, roofs, windows, doors, etc. Maintenance and repairs expenses vary considerably from complex to complex and from year to year due to scheduling of repairs and accounting procedures. Apartment owners often list replacement items under "maintenance and repairs" for more advantageous after-tax considerations.

For 2010, 2011 and 2012, actual combined repairs and redecorating expenses for the subject were $\$ 1,750, \$ 1,372$ and $\$ 1,202$, respectively. The 2013 budget is projected at $\$ 1,033$ per unit. The comparables indicate combined repairs and redecorating expenses within a range of $\$ 609$ to $\$ 939$ per unit and average $\$ 716$. IREM indicates a range of $\$ 272$ to $\$ 766$ per unit, and a median of $\$ 485$ per unit. Maintenance expenses seem extraordinarily high for the subject historically. Based upon the foregoing considerations, we forecast combined maintenance and repairs and redecorating expense at \$1,000 per unit "as is," and reduce it to $\$ 800$ per unit after renovation.

## Landscaping and Amenities

Landscaping, or grounds maintenance, includes normal grounds landscaping and maintenance, as well as maintenance of the amenities. The subject is a large site and has attractive landscaping, mature trees and shrubs, and outdoor pool amenity. For 2010, 2011 and 2012, actual expenses for the subject were $\$ 17$, $\$ 149$ and $\$ 187$ per unit. The 2013
budget is projected at $\$ 177$ per unit. IREM indicates a range of $\$ 138$ to $\$ 274$ per unit, and a median of $\$ 190$ per unit. The comparables indicate landscaping and amenities expenses within a range of $\$ 67$ to $\$ 131$ per unit and average $\$ 102$. Based upon the foregoing considerations, we forecast landscaping and amenities expense at $\$ 175$ per unit.

## Security

For 2010, 2011 and 2012, actual security expenses for the subject were $\$ 414$, $\$ 383$ and $\$ 263$, respectively. The 2013 budget is projected at $\$ 401$ per unit. IREM indicates a range of $\$ 0$ to $\$ 54$ per unit, and a median of $\$ 18$ per unit. The comparables indicate security expense within a range of $\$ 285$ to $\$ 571$ per unit and average $\$ 418$. Based upon the foregoing considerations and placing emphasis on the history of the subject, we forecast security expense at $\$ 400$ per unit.

## Advertising and Promotion

This expense category accounts for placement of advertising, commissions, signage, brochures, and newsletters. Advertising and promotion costs are generally closely tied to occupancy. If occupancy is considered high and the market is stable, then the need for advertising is not as significant. However, if occupancy is considered to be low or occupancy tends to fluctuate, then advertising becomes much more critical. Our analysis assumes that the property is operating at stabilized levels. For 2010, 2011 and 2012, actual expenses for the subject were $\$ 152$, $\$ 148$ and $\$ 114$, respectively. The 2013 budget is projected at $\$ 117$ per unit. IREM does not include this category. The comparables indicate advertising expenses within a range of $\$ 71$ to $\$ 122$ per unit and average $\$ 91$. The subject is $40 \%$ PBRA and $22 \%$ LIHTC units. As such, advertising expenses should continue to be moderate. The complex has decided to discontinue several print media advertisers because they do not find them effective, and focus on more internet advertising, which is less expensive. Based upon the foregoing considerations, we forecast advertising expense at $\$ 100$ per unit.

## Administrative and Miscellaneous Expense

This expense includes such items as legal, accounting, office supplies, answering service, telephone, etc. For 2010, 2011 and 2012, actual expenses for the subject were $\$ 533$, $\$ 559$ and $\$ 443$, respectively. The 2013 budget is projected at $\$ 384$ per unit. IREM indicates a range of $\$ 45$ to $\$ 270$ per unit, and a median of $\$ 161$ per unit. The comparables indicate administrative/misc. expenses within a range of $\$ 533$ to $\$ 742$ per unit and average $\$ 635$. Based upon the foregoing considerations, we forecast administrative and miscellaneous expense, post renovation, at $\$ 450$ per unit.

## Reserves for Replacement

Reserves for replacement is an annual allowance for the periodic replacement of roof covers, paving, carpeting, HVAC units, appliances, and other short-lived items. Investors of apartment properties sometimes establish separate accounts for reserves in the pro forma analysis. IREM does not chart this category and it is not included for the comparables. Typically, reserves range from $\$ 150$ to $\$ 300$ per unit, depending on age, condition, and size.

For 2012, actual capital expenditures for the subject were $\$ 274$. The 2013 budget is projected at $\$ 424$ per unit. Post renovation, the property should be in overall very good condition. We forecast reserves at $\$ 300$ per unit before renovation, and $\$ 250$ post-renovation.

## Summary of Expenses - As-Is

Our estimated expenses total $\$ 1,265,452$ including reserves, which equates to $\$ 6,991$ per unit. If excluding reserves, the estimated expenses are $\$ 6,691$ per unit. For 2010, 2011 and 2012, actual expenses (not including capital expenditures) for the subject were $\$ 7,511$, $\$ 7,618$ and $\$ 7,070$, respectively. The 2013 budget (not including reserves) is projected at $\$ 6,594$ per unit. Our projections are below the actual figures for the past few years. The subject is proposed for a substantial renovation and some expense categories, particularly utilities, maintenance and repairs should be reduced. Our estimates (not including reserves) are about $2 \%$ higher than the 2013 budget. Total expenses reported by IREM, which do not include reserves, ranged from $\$ 3,596$ to $\$ 4,781$ with a median of $\$ 4,168$ per unit for Atlanta. The comparables indicate total trended expenses within a range of $\$ 5,300$ to $\$ 6,418$ per unit and average $\$ 5,949$. Our estimates (not including reserves) are above IREM and the range of the comparables, but appear supported by actual expenses historically. Based on this information, our estimates appear reasonable.

## Net Operating Income - As-Is

Our estimates of income and expenses for the subject apartments, post renovation, result in a net operating income projection of $\$ 444,200$, or $\$ 2,454$ per unit.

## Summary of Expenses - After Renovation

After renovation, the tenants will be responsible for water/sewer utilities. This allowance is deducted from the maximum allowable rent for the LIHTC and PBRA units, resulting in lower potential gross income. Utility expenses will also be correspondingly lower. Our estimated expenses total $\$ 1,112,822$ including reserves, which equates to $\$ 6,148$ per unit. If excluding reserves, the estimated expenses are $\$ 5,898$ per unit. Our projections are below the actual figures for the past few years. The subject is proposed for a substantial renovation and some expense categories, particularly utilities, maintenance and repairs should
be reduced. Our estimates post renovation, not including reserves, are still above IREM and within the range of the comparables. Based on this information, our estimates appear reasonable.

## Net Operating Income - After Renovation

Our estimates of income and expenses for the subject apartments, post renovation, result in a net operating income projection of $\$ 615,588$, or $\$ 3,401$ per unit.

## CAPITALIZATION OF NET OPERATING INCOME

Capitalization is the process by which net operating income of investment property is converted to a value indication. Capitalization rates reflect the relationship between net operating income and the value of receiving that current and probable future income stream during a certain projection period or remaining economic life. Generally, the best method of estimating an appropriate overall rate is through an analysis of recent sales in the market. Overall rates (OAR's) are typically derived from sales of similar properties by dividing net operating income by sale price.

In selecting an appropriate capitalization rate for the subject, we considered those rates indicated by recent sales of properties that are similar to the subject with regard to risk, duration of income, quality and condition of improvements, and remaining economic life. Primary factors that influence overall rates include potential for income increases over both the near and long terms, as well as appreciation potential. Adjustments for dissimilar factors that influence the utility and/or marketability of a property, such as specific location within a market area; land/building ratio; functional efficiency, quality, and condition of improvements; and specific features of the building and land improvements, are inherently reflected by the market in the form of varying market rent levels. As rent levels form the basis for net income levels, the market has, in effect, already made the primary adjustments required for those factors, and any significant adjustments to overall rates based upon these dissimilarities would merely distort the market data.

The following table summarizes capitalization rates extracted from several recent apartment sales in the metro area. The subject is an urban complex proposed for a substantial renovation in the amount of approximately $\$ 46,000$ per unit. The subject was constructed in 1996. We chose a variety of property types built between 1986 and 2000.

| IMPROVED SALES SUMMARY - MARKET RATE COMPLEXES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No. | Name Location | Sale <br> Date | Number of Units | Year <br> Built | Price Per Unit | Avg. Unit Size (SF) | NOI/Unit at Sale | OAR |
| 1 | Ellington Woods, Norcross, GA | Mar-13 | 180 | 1997 | \$59,722 | 1,048 | \$3,882 | 7.01\% |
| 2 | Fernwood Apartments, Atlanta, GA | Dec-12 | 120 | 1986 | \$76,250 | 747 | \$4,575 | 6.00\% |
| 3 | Windmont, Atlanta, GA | Aug-12 | 178 | 2000 | \$66,573 | 842 | \$4,161 | 6.25\% |
| 4 | Wynthrope Forest, Riverdale, GA | Aug-12 | 270 | 1999 | \$51,574 | 1,083 | \$3,413 | 6.62\% |
| 5 | Walden Landing, Hampton, GA | Feb-12 | 240 | 2000 | \$54,167 | 1,122 | \$3,589 | 6.63\% |

The comparable sales used in this analysis present a range of overall rates between $6.25 \%$ and $7.01 \%$, with a mean of $6.50 \%$. Comparable One was a distress/foreclosure sale; otherwise, the comparables indicate a downward trend in overall rates.

As mentioned in the Market Analysis section, the First Quarter 2013 PwC Real Estate Investor Survey indicates that overall capitalization rates for apartments range from $3.50 \%$ to $10.00 \%$, with an average of $5.73 \%$ ( $5.58 \%$ for the Southeast Region). This is an increase in the overall average rate of one basis point from the prior quarter and a decrease of 10 basis points higher than the same period one year ago.

## Mortgage Equity Technique

We also utilized the mortgage-equity procedure, which is presented in the following chart. Under this procedure, the overall capitalization rate considers the returns on the mortgage and equity positions as well as the equity build-up that accrues as the loan principle is paid off. For properties like the subject, our research of the current financing market indicate a typical loan-to-value ratio of $75 \%$ to $80 \%$, a fixed interest rate of about $3.50 \%$ to $5.65 \%$ (4.09\%-4.34\% for ten year term, 5.65\%-6.50\% for 30 year term) and a 30-year amortization with a balloon in 10 years. For this analysis, we used an $80 \%$ loan-to-value, an interest rate of $4.50 \%, 30$-year amortization, a 10-year balloon, and property appreciation of $2.5 \%$ annually (reasonable considering the current market). Equity yield rates are more difficult to ascertain. However, based on discussions with investors and valuation experts, and consideration of alternative investment choices and comparing the risks involved with each, we find a typical range of $15 \%$ to $20 \%$. Based on the specific characteristics of the subject, we concluded an equity yield rate of $17 \%$. As shown on the following chart, the indicated overall capitalization rate based on the foregoing parameters equates to approximately $6.25 \%$.


## Direct Capitalization Conclusion

Based on the information presented from the actual sales, the investor survey and the mortgage equity technique, with particular consideration given to the subject's age, size, quality and location, as well as the fact that the subject is eligible for favorable financing, we are of the opinion that the typical investor would select an overall rate in the range of $6.25 \%$ to $6.75 \%$ for the subject property, and reconcile toward the middle. Our direct capitalization analysis is presented in the following chart. As shown, our estimate of prospective "as is" value is $\$ 6,800,000$, or $\$ 37,569$ per unit. Our estimate "as complete and stabilized," post renovation, is $\$ 9,500,000$ or $\$ 52,486$ per unit.

| APPRAISERS PRO FORMA ANALYSIS - AS IS CENTENNIAL PLACE APARTMENTS - PHASE I 181 Units - 169,392 SF |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Per Unit | Per SF |
| Potential Gross Rental Income |  | \$1,813,068 | \$10,017 | \$10.70 |
| Plus Other Income | 2.4\% | 45,250 | 250 | 0.27 |
| Potential Gross Income |  | \$1,858,318 | \$10,267 | \$10.97 |
| Vacancy and Collection Loss | 8.0\% | \$148,665 | \$821 | \$0.88 |
| Effective Gross Income |  | \$1,709,653 | \$9,446 | \$10.09 |
| Expenses |  |  |  |  |
| Real Estate Taxes |  | \$100,000 | \$552 | \$0.59 |
| Insurance |  | 54,300 | 300 | 0.32 |
| Management Fee | 6.5\% | 111,127 | 614 | 0.66 |
| Utilities |  | 271,500 | 1,500 | 1.60 |
| Salaries \& Labor |  | 289,600 | 1,600 | 1.71 |
| Maintenance \& Repairs / Tu | rnkey | 181,000 | 1,000 | 1.07 |
| Security |  | 72,400 | 400 | 0.43 |
| Landscaping |  | 31,675 | 175 | 0.19 |
| Advertising \& Promotion |  | 18,100 | 100 | 0.11 |
| Administrative/Misc. |  | 81,450 | 450 | 0.48 |
| Total Expenses |  | \$1,211,152 | \$6,691 | \$7.15 |
| Reserves |  | 54,300 | 300 | 0.32 |
| Total Operating Expenses |  | \$1,265,452 | \$6,991 | \$7.47 |
| Net Income |  | \$444,200 | \$2,454 | \$2.62 |
| Overall Rates/Indicated | 6.25\% | \$7,107,202 | \$39,266 | \$41.96 |
| Values | 6.50\% | \$6,833,848 | \$37,756 | \$40.34 |
|  | 6.75\% | \$6,580,743 | \$36,358 | \$38.85 |
| Stabilized Reconciled Value |  | \$6,800,000 | \$37,569 | \$40.14 |


| APPRAISERS PRO FORMA ANALYSIS - AFTER RENOVATION CENTENNIAL PLACE APARTMENTS - PHASE I 181 Units - 169,392 SF |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Per Unit | Per SF |
| Potential Gross Rental Income |  | \$1,833,456 | \$10,130 | \$10.82 |
| Plus Other Income | 2.4\% | 45,250 | 250 | 0.27 |
| Potential Gross Income |  | \$1,878,706 | \$10,380 | \$11.09 |
| Vacancy and Collection Loss | 8.0\% | \$150,296 | \$830 | \$0.89 |
| Effective Gross Income |  | \$1,728,410 | \$9,549 | \$10.20 |
| Expenses |  |  |  |  |
| Real Estate Taxes |  | \$100,000 | \$552 | \$0.59 |
| Insurance |  | 54,300 | 300 | 0.32 |
| Management Fee | 6.5\% | 112,347 | 621 | 0.66 |
| Utilities |  | 162,900 | 900 | 0.96 |
| Salaries \& Labor |  | 289,600 | 1,600 | 1.71 |
| Maintenance \& Repairs / Tur | key | 144,800 | 800 | 0.85 |
| Security |  | 72,400 | 400 | 0.43 |
| Landscaping |  | 31,675 | 175 | 0.19 |
| Advertising \& Promotion |  | 18,100 | 100 | 0.11 |
| Administrative/Misc. |  | 81,450 | 450 | 0.48 |
| Total Expenses |  | \$1,067,572 | \$5,898 | \$6.30 |
| Reserves |  | 45,250 | 250 | 0.27 |
| Total Operating Expenses |  | \$1,112,822 | \$6,148 | \$6.57 |
| Net Income |  | \$615,588 | \$3,401 | \$3.63 |
| Overall Rates/Indicated | 6.25\% | \$9,849,406 | \$54,417 | \$58.15 |
| Values | 6.50\% | \$9,470,583 | \$52,324 | \$55.91 |
|  | 6.75\% | \$9,119,821 | \$50,386 | \$53.84 |
| Stabilized Reconciled Value |  | \$9,500,000 | \$52,486 | \$56.08 |

## Hypothetical Market Rent Analysis

We were also asked to estimate the market value of the subject using hypothetical market rents. We applied the market rent levels, as discussed previously in the market analysis section, to all of the subject's units. Market rate complexes typically also have much higher other income. A market rate project would also have different expense levels in some categories. Taxes and advertising will be higher, while management, salary and administrative expenses will be lower. Four market-rate expense comparables are shown for support. Furthermore, vacancy and credit loss would likely be higher at 10\%, average for the submarket. As a market-rate property, the subject would be less risky as an investment, and would support a slightly lower capitalization rate as well.

| MARKET RATE OPERATING EXPENSE COMPARABLES |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Property Name | Woodside Vista |  | Ansley at Princeton |  | Southwood Vista |  | Sandtown Vista |  |
| Location | Atlanta, GA |  | Atlanta, GA |  | Atlanta, GA |  | Atlanta, GA |  |
| No. Units | 376 |  | 306 |  | 300 |  | 350 |  |
| Avg. Unit Size | 1,028 |  | 1,001 |  | 1,029 |  | 1,161 |  |
| Year Built | 2008 |  | 2009 |  | 2008 |  | 2008 |  |
|  | Actual | Trended | Actual | Trended | Trailing 12 | Trended | Trailing 12 | Trended |
| Effective Date/\% Trended | 2012 | 0.0\% | 2012 | 0.0\% | 2012* | 2.00\% | 2012* | 2.00\% |
| Real Estate Taxes | \$775 | \$775 | \$1,376 | \$1,376 | \$723 | \$737 | \$1,012 | \$1,032 |
| Insurance | 291 | 291 | 116 | 116 | 147 | 150 | 182 | 186 |
| Management Fee: | 294 | 294 | 418 | 418 | 468 | 477 | 267 | 272 |
| \% of EGI | 3.5\% |  | 3.5\% |  | 5.0\% |  | 3.0\% |  |
| Utilities | 771 | 771 | 1,267 | 1,267 | 1,120 | 1,142 | 797 | 813 |
| Salaries \& Labor | 1,264 | 1,264 | 1,214 | 1,214 | 997 | 1,017 | 1,027 | 1,048 |
| Repairs/Redecorating | 452 | 452 | 326 | 326 | 331 | 338 | 396 | 404 |
| Landscaping/Amenities | 150 | 150 | 199 | 199 | 105 | 107 | 124 | 126 |
| Advert. \& Promotion** | 198 | 198 | 237 | 237 | 142 | 145 | 236 | 241 |
| Administrative/Misc.** | 198 | 198 | 262 | 262 | 206 | 210 | 236 | 241 |
| Total Expenses | \$4,393 | \$4,393 | \$5,415 | \$5,415 | \$4,239 | \$4,324 | \$4,277 | \$4,363 |
| Capital Expenses | N/Av |  | \$271 |  | \$486 |  | \$544 |  |
| *Trailing 12 Months |  |  |  |  |  |  |  |  |
| **Woodside Vista and Sandtown | combined | dmin and M | ing on their P | s. We alloc | 50\% to each |  |  |  |

JNIT MIX AND MARKET RENT SCHEDULE - HYPOTHETICAL MARKET - POST RENOVATIO Centennial Place Phase I Apartments

| Unit Type | No. <br> Units | Heated <br> SF | Total <br> SF | Monthly <br> Unit Rent | Rent <br> SF | Total <br> Income |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1BR/1BA | 66 | 688 | 45,408 | $\$ 852$ | $\$ 1.24$ | $\$ 674,784$ |
| 2BR/1BA | 32 | 869 | 27,808 | $\$ 1,010$ | $\$ 1.16$ | $\$ 387,840$ |
| 2BR/1BA | 1 | 875 | 875 | $\$ 1,010$ | $\$ 1.15$ | $\$ 12,120$ |
| 2BR/2BA | 25 | 1,057 | 26,425 | $\$ 1,150$ | $\$ 1.09$ | $\$ 345,000$ |
| 2BR/2BA | 23 | 1,041 | 23,943 | $\$ 1,150$ | $\$ 1.10$ | $\$ 317,400$ |
| 2BR/1.5BA | 3 | 1,215 | 3,645 | $\$ 1,500$ | $\$ 1.23$ | $\$ 54,000$ |
| 3BR/2.5BA | 23 | 1,254 | 28,842 | $\$ 1,550$ | $\$ 1.24$ | $\$ 427,800$ |
| 3BR/2.5BA | 1 | 1,340 | 1,340 | $\$ 1,550$ | $\$ 1.16$ | $\$ 18,600$ |
| 3BR/2.5BA | 3 | 1,594 | 4,782 | $\$ 1,600$ | $\$ 1.00$ | $\$ 57,600$ |
| 4BR/2.5BA | 4 | 1,581 | 6,324 | $\$ 1,850$ | $\$ 1.17$ | $\$ 88,800$ |
| Totals/Average | 181 | 936 | 169,392 | $\$ 1,098$ | $\$ 1.17$ | $\$ 2,383,944$ |


| HYPOTHETICAL PRO FORMA ANALYSIS - AFTER RENOVATION CENTENNIAL PLACEI APARTMENTS 181 Units - 169,392 SF |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  | Total | Per Unit | Per SF |
| Potential Gross Rental Income |  | \$2,383,944 | \$13,171 | \$14.07 |
| Plus Other Income | 3.7\% | 90,500 | 500 | 0.53 |
| Potential Gross Income |  | \$2,474,444 | \$13,671 | \$14.61 |
| Vacancy and Collection Loss | 10.0\% | \$247,444 | \$1,367 | \$1.46 |
| Effective Gross Income |  | \$2,227,000 | \$12,304 | \$13.15 |
| Expenses |  |  |  |  |
| Real Estate Taxes |  | \$320,000 | \$1,768 | \$1.89 |
| Insurance |  | 36,200 | 200 | 0.21 |
| Management Fee | 3.5\% | 77,945 | 431 | 0.46 |
| Utilities |  | 162,900 | 900 | 0.96 |
| Salaries \& Labor |  | 217,200 | 1,200 | 1.28 |
| Maintenance \& Repairs / Tur | nkey | 108,600 | 600 | 0.64 |
| Security |  | 72,400 | 400 | 0.43 |
| Landscaping |  | 31,675 | 175 | 0.19 |
| Advertising \& Promotion |  | 36,200 | 200 | 0.21 |
| Administrative/Misc. |  | 40,725 | 225 | 0.24 |
| Total Expenses |  | \$1,103,845 | \$6,099 | \$6.52 |
| Reserves |  | 49,775 | 275 | 0.29 |
| Total Operating Expenses |  | \$1,153,620 | \$6,374 | \$6.81 |
| Net Income |  | \$1,073,380 | \$5,930 | \$6.34 |
| Overall Rates/Indicated Values | 6.00\% | \$17,889,660 | \$98,838 | \$105.61 |
|  | 6.25\% | \$17,174,074 | \$94,884 | \$101.39 |
|  | 6.50\% | \$16,513,533 | \$91,235 | \$97.49 |
| Stabilized Reconciled Value |  | \$17,200,000 | \$95,028 | \$101.54 |

Our estimated expenses total $\$ 1,153,620$ including reserves, which equates to $\$ 6,374$ per unit. If excluding reserves, the estimated expenses are $\$ 6,099$ per unit. Total expenses reported by IREM, which do not include reserves, ranged from $\$ 3,596$ to $\$ 4,781$ with a median of $\$ 4,168$ per unit for Atlanta. The comparables indicate total expenses within a range of $\$ 4,324$ to $\$ 5,415$ per unit and average $\$ 4,624$. Our estimates (not including reserves) are above IREM and just above the range of the comparables. However, much of this difference can be attributed to the security expense at this in-town development. Based on this information, our estimates appear reasonable. At this income and expense scenario, the value estimate is $\$ 17,200,000$.

The sales comparison approach provides an estimate of market value based on an analysis of recent transactions involving similar properties in the subject's or comparable market areas. This method is based on the premise that an informed purchaser will pay no more for a property than the cost of acquiring an equally desirable substitute. When there are an adequate number of sales involving truly similar properties, with sufficient information for comparison, a range of value for the subject can be developed.

In the analysis of sales, considerations for such factors as changing market conditions over time, location, size, quality, age/condition, and amenities, as well as the terms of the transactions, are all significant variables relating to the relative marketability of the subject property. Any adjustments to the sale price of comparables to provide indications of market value for the subject must be market-derived; thus, the actions of typical buyers and sellers are reflected in the comparison process.

There are various units of comparison available in the evaluation of sales data. The sale price per unit (NOI) and effective gross income multiplier (EGIM) are most commonly used for apartments. Based on the information available, we used only the sale price per unit method in our analysis.

Arguably, this approach is not appropriate for the subject property. Although there are other low-income housing developments, properties subject to tax credits typically do not sell in the open market, because the properties have to meet specified requirements for 15 years or the tax credits will be forfeited. Thus, the owners have a vested interest in overseeing the operation of the property over the long term. Making subjective adjustments to sales of conventional multifamily properties for the subject's differences would not provide a meaningful value estimate of the property with rent restrictions. Rent restrictions suppress income levels, so the expense ratio will be higher than traditional complexes, with net income per unit being much lower. While net incomes can still be compared, as this is the driving valuation characteristic for income producing properties, the variance in expense ratios limits the value of an EGIM analysis. However, we performed a limited sales comparison approach to estimate stabilized value of the property using restricted rents.

The following summary chart provides pertinent details regarding each transaction; additional information including photographs and a location map are included in the Addendum.

IMPROVED SALES SUMMARY - MARKET RATE COMPLEXES

| 1 | Ellington Woods, Norcross, GA | Mar-13 | 180 | 1997 | $\$ 59,722$ | 1,048 | $\$ 3,882$ | $6.50 \%$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 2 | Fernwood Apartments, Atlanta, GA | Dec-12 | 120 | 1986 | $\$ 76,250$ | 747 | $\$ 4,575$ | $6.00 \%$ |
| 3 | Windmont, Atlanta, GA | Aug-12 | 178 | 2000 | $\$ 66,573$ | 842 | $\$ 4,161$ | $6.25 \%$ |
| 4 | Wynthrope Forest, Riverdale, GA | Aug-12 | 270 | 1999 | $\$ 51,574$ | 1,083 | $\$ 3,413$ | $6.62 \%$ |
| 5 | Walden Landing, Hampton, GA | Feb-12 | 240 | 2000 | $\$ 54,167$ | 1,122 | $\$ 3,589$ | $6.63 \%$ |

These properties were reportedly built between 1986 and 2000 with unit counts between 120 and 270. The transactions occurred between February 2012 and March 2013. Overall rates indicated by the transactions range between $6.00 \%$ and $6.63 \%$, with an average of $6.50 \%$. It should be noted that all of the comparables were in average to good condition. Sales prices per unit range widely from $\$ 51,574$ to $\$ 76,250$. This range appears to fluctuate most with net operating income per unit, which ranges from $\$ 3,413$ to $\$ 4,575$.

## SALE PRICE PER UNIT ANALYSIS

While some general observations can be made, isolating physical and locational adjustments in the comparison of income producing comparable sales can be very subjective. This subjectivity is particularly true when the comparables are drawn from different locations. Most investors believe that all these factors are already accounted for in the rental that an income property can achieve and, thus, place most reliance upon net income characteristics as the basis for adjustment. The assumption is that tenants shop and compare, and rent paid in the open market automatically reflects differences in the age and condition of improvements, location, construction, size, amenities, and various other factors.

To further illustrate, we analyzed the net operating income (NOI) generated by each comparable as compared to the subject's projected stabilized income estimated in the income capitalization approach. Basically, by developing a ratio between the subject's and the comparable's net operating income, an adjustment factor can be calculated for each of the individual sales. This factor can then be applied to the comparable's price per unit to render indications for the subject. This process illustrates an attempt to isolate the economic reasoning of buyers. In general, it is a fundamental assumption that the physical characteristics of a project (location, access, design/appeal, condition, etc.) are reflected in the net operating income being generated, and that the resulting price per unit paid for a property has a direct relationship to the net operating income being generated. The following charts depict the calculations involved in developing adjustment factors to be applied to the respective price per unit for the comparables employed.

| NET OPERATING INCOME (NOI) ANALYSIS - RESTRICTED AS IS CENTENNIAL PARK I |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sale | Subject's NOI/Unit |  |  | Multiplier |  | Sale Price \$/Unit |  | Adjusted \$/Unit <br> For Subject |  |
| No. | Comp | NO | /Unit |  |  |  |  |  |  |
| 1 | \$2,454 | 1 | \$3,882 | = | 0.63 | X | \$59,722 | = | \$37,625 |
| 2 | \$2,454 | 1 | \$4,575 | $=$ | 0.54 | X | \$76,250 |  | \$41,175 |
| 3 | \$2,454 | 1 | \$4,161 | = | 0.59 | X | \$66,573 | = | \$39,278 |
| 4 | \$2,454 | 1 | \$3,413 | = | 0.72 | X | \$51,574 | = | \$37,133 |
| 5 | \$2,454 | 1 | \$3,589 | = | 0.68 | X | \$54,167 | = | \$36,834 |


| NET OPERATING INCOME (NOI) ANALYSIS - RESTRICTED POST RENOV CENTENNIAL PARK I |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sale | Subject's NOI/Unit |  |  | Multiplier |  |  | Sale Price |  | Adjusted \$/Unit <br> For Subject |
| No. | Com | NO | Unit |  |  |  | \$/Unit |  |  |
| 1 | \$3,401 | / | \$3,882 | $=$ | 0.88 | X | \$59,722 |  | \$52,555 |
| 2 | \$3,401 | / | \$4,575 |  | 0.74 | X | \$76,250 |  | \$56,425 |
| 3 | \$3,401 | / | \$4,161 |  | 0.82 | X | \$66,573 |  | \$54,590 |
| 4 | \$3,401 | / | \$3,413 | = | 1.00 | X | \$51,574 |  | \$51,574 |
| 5 | \$3,401 | / | \$3,589 | = | 0.95 | X | \$54,167 |  | \$51,459 |


| NET OPERATING INCOME (NOI) ANALYSIS (HYPOTHETICAL MARKET RENTS) POST RENOVATION - CENTENNIAL PARK I |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Sale <br> No. | Subject's NOI/Unit Comp. NOI/Unit |  |  |  | Multiplier |  | Sale Price \$/Unit |  | Adjusted $\$ /$ Unit For Subject |
| 1 | \$5,930 | I | \$3,882 | = | 1.53 | X | \$59,722 |  | \$91,375 |
| 2 | \$5,930 | / | \$4,575 | = | 1.30 | X | \$76,250 |  | \$99,125 |
| 3 | \$5,930 | 1 | \$4,161 | = | 1.43 | X | \$66,573 |  | \$95,199 |
| 4 | \$5,930 | 1 | \$3,413 | = | 1.74 | X | \$51,574 |  | \$89,739 |
| 5 | \$5,930 | 1 | \$3,589 | = | 1.65 | X | \$54,167 | $=$ | \$89,376 |

As shown above, the adjusted values indicated for the subject as is, restricted, range from $\$ 36,834$ to $\$ 41,175$ per unit, with an average of $\$ 38,409$ (assuming restricted rents). After renovation, the range is $\$ 51,459$ to $\$ 56,425$ per unit, with an average of $\$ 53,321$ (assuming restricted rents). For hypothetical market rents post renovation, the range is from $\$ 89,376$ to $\$ 99,125$ per unit, with an average of $\$ 92,963$.

In the restricted rent scenario, we estimate a value indication of \$38,000 per unit as is and $\$ 52,000$ per unit as complete. For the hypothetical market rent at completion scenario, we estimated a value of $\$ 93,000$ per unit assuming hypothetical unrestricted or market rents.

| SALES COMPARISON APPROACH SUMMARY - RESTRICTED |  |
| :---: | :---: | :---: |
| AS-IS |  |$|$| \# Units | \$/Unit | Indicated Value |
| :---: | :---: | :---: |
| 181 | $\$ 38,000$ | $\$ 6,878,000$ |
| Rounded |  | $\$ 6,900,000$ |
| SALES COMPARISON APPROACH SUMMARY - RESTRICTED |  |  |
|  | AS COMPLETE AND STABILIZED |  |
| \# Units | \$/Unit | Indicated Value |
| 181 | $\$ 53,000$ | $\$ 9,593,000$ |
| Rounded |  | $\$ 9,600,000$ |
| SALES COMPARISON APPROACH SUMMARY - HYPO MARKET |  |  |
|  | AS COMPLETE AND STABILIZED |  |
| \# Units | \$/Unit | Indicated Value |
| 181 | \$93,000 | $\$ 16,833,000$ |
| Rounded |  | $\$ 16,800,000$ |

## PHYSICAL ADJUSTMENT ANALYSIS

For additional support, we are including an adjustment grid for the comparable sales. Adjustments were made for conditions of sale and market conditions, along with common characteristics including location, access/exposure, size, average unit size, quality/amenities and age/condition.

## Conditions of Sale

For both scenarios, restricted rents and hypothetical market rate, Comparable One was adjusted upward because it sold out of foreclosure. For the restricted rent scenario, the comparables are adjusted downward to account for limited income expectations.

## Market Conditions

No adjustments are necessary.

## Location

The subject is located in an excellent location in the heart of downtown Atlanta. Comparables Two and Three are located within the perimeter highway (I-285) in Atlanta, and Comparable One is in a desirable suburb of Atlanta. Comparable Two is located in an area
similar to the subject, a little further from downtown (an inferior quality) in a neighborhood that is considered safer but still convenient, so it netted zero adjustment for location. Comparable Three is in the appealing Brookhaven neighborhood, inferior to the subject only because it is further from downtown; it was adjusted upward. Comparable Three is much farther from downtown Atlanta in an attractive outlying suburb and was adjusted upward more significantly. Comparables Four and Five are located much farther from Atlanta in outlying southern suburbs of Clayton County. Clayton County has had recent problems with their public schools and public transportation network that have significantly negatively impacted the apartment market in that county. Comparables Four and Five received larger upward adjustment.

## Access/Exposure

The subject has good access and exposure along secondary roadways. The comparables have similar access and exposure and do not warrant adjustment.

## Size/Number of Units

The subject has 181 units. Typically, smaller properties sell for higher per unit prices. Conversely, larger properties tend to sell for lower per unit prices. This represents something of a quantity discount. Comparables Four and Five were adjusted upward.

## Average Unit Size

The subject has an average unit size of 936 square feet. Comparables Two and Three have smaller average unit sizes and received upward adjustments. None of the other comparables warranted adjustment.

## Quality/Amenities

The subject will be average quality and have few amenities. All of the comparables have superior amenities compared to the subject and were adjusted downward.

## Age/Condition

The subject was built in 1996 and has been well maintained. The comparables were built between 1986 (recently remodeled) and 2000 and do not warrant adjustment in the restricted scenario, particularly since renovations will not increase the amount of rent the owner can charge for the restricted units. In the market rate scenario at completion, the comparables are adjusted upward for inferior interior finish.

## SUMMARY AND COMMENTS

The following adjustment grid illustrates our thought processes in the comparison of the comparables to the subject. As shown, prior to adjustment, the comparables present a range of price per unit between $\$ 51,574$ and $\$ 76,250$, with a mean of $\$ 61,657$.


As shown, after adjustments, the indicated range is a narrowed to between $\$ 38,681$ and $\$ 40,031$, with a mean of $\$ 39,469$. Based on this information, we estimate value for the subject at a rounded $\$ 39,000$ per unit. Our estimate of value for the subject property, based on a price per unit method is shown as follows.

SALES COMPARISON APPROACH VALUE - PRICE PER UNIT

| Indicated Value/Unit |  | Subject Units |  | Total |
| :---: | :---: | :---: | :---: | :---: |
| $\$ 39,500$ | X | 181 | $=$ | $\$ 7,149,500$ |
| Rounded |  |  |  | $\$ 7,100,000$ |

COMPARABLE SALES ADJUSTMENT CHART - Restricted Rents - As Complete - Centennial Park I

| Sale No. Subject | 1 | 2 | 3 | 4 | 5 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Informational Data |  |  |  |  |  |
| Sale Date N/Ap | Mar-13 | Dec-12 | Aug-12 | Aug-12 | Feb-12 |
| Sale Price $\quad$ N/Ap | \$10,750,000 | \$9,150,000 | \$11,850,000 | \$13,925,000 | \$13,000,000 |
| Building Type Apartment | Apartment | Apartment | Apartment | Apartment | Apartment |
| \# Units 181 | 180 | 120 | 178 | 270 | 240 |
| Avg. Unit Size 936 | 1,048 | 747 | 842 | 1,083 | 1,122 |
| Year Built 1996 | 1997 | 1986 | 2000 | 1999 | 2000 |
| Location Excellent | Inferior | Similar | Inferior | Inferior | Inferior |
| Price per Unit N/Ap | \$59,722 | \$76,250 | \$66,573 | \$51,574 | \$54,167 |
| Comparative Analysis |  |  |  |  |  |
| Conditions of Sale | -40\% | -50\% | -50\% | -50\% | -50\% |
| Adjusted Price/SF | \$35,833 | \$38,125 | \$33,287 | \$25,787 | \$27,083 |
| Market Conditions | 0\% | 0\% | 0\% | 0\% | 0\% |
| Adjusted Price/SF | \$35,833 | \$38,125 | \$33,287 | \$25,787 | \$27,083 |
| Physical Adjustments |  |  |  |  |  |
| Location | 10\% | 0\% | 15\% | 40\% | 40\% |
| Access / Exposure | 0\% | 0\% | 0\% | 0\% | 0\% |
| Size (\# of units) | 0\% | 0\% | 0\% | 10\% | 10\% |
| Avg. Unit Size | 0\% | 5\% | 5\% | 0\% | -5\% |
| Quality/Amenities | 0\% | 0\% | 0\% | 0\% | 0\% |
| Age/Condition | 35\% | 35\% | 35\% | 35\% | 35\% |
| Net Adjustment | 45\% | 40\% | 55\% | 85\% | 80\% |
| Adjusted Price/SF | \$51,958 | \$53,375 | \$51,594 | \$47,706 | \$48,750 |
| Indicated Range: |  | \$47,706 | to | \$53,375 |  |
| Mean: |  |  | \$50,677 |  |  |
| Indicated Range: (Ex. Extremes) |  | \$48,750 | to | \$51,594 |  |
| Mean: |  |  | \$50,767 |  |  |

As shown, after adjustments, the indicated range is a narrowed to between $\$ 47,706$ and $\$ 53,375$, with a mean of $\$ 50,677$. Based on this information, we estimate value for the subject at a rounded $\$ 51,000$ per unit. Our estimate of value for the subject property, based on a price per unit method is shown as follows.

| SALES COMPARISON APPROACH VALUE |  |  |  | PRICE PER UNIT |
| :---: | :---: | :---: | :---: | :---: |
| Indicated Value/Unit |  | Subject Units | Total |  |
| $\$ 51,000$ | $\times$ | 181 | $=$ | $\$ 9,231,000$ |
| Rounded |  |  | $\$ 9,200,000$ |  |



As shown, after adjustments, the indicated range is a narrowed to between $\$ 95,257$ and $\$ 106,750$, with a mean of $\$ 99,621$. Based on this information, we estimate value for the subject at a rounded $\$ 100,000$ per unit. Our estimate of value for the subject property, based on a price per unit method is shown as follows.

| SALES COMPARISON APPROACH VALUE - PRICE PER UNIT |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Indicated Value/Unit |  | Subject Units | Total |  |
| $\$ 99,000$ | $\times$ | 181 | $=$ | $\$ 17,919,000$ |
| Rounded |  |  |  | $\$ 17,900,000$ |

## SALES COMPARISON APPROACH CONCLUSION

The following table summarizes the value indications provided by the methods of analysis presented in the sales comparison approach.

| SUMMARY OF VALUE ESTIMATES <br> BY SALES COMPARISON APPROACH <br> RESTRICTED RENTS AS IS |  |
| :---: | :---: |
| Method | Indicated Value |
| NOI Per Square Foot | $\$ 6,900,000$ |
| Physical Adjustments | $\$ 7,100,000$ |
| Reconciled: | $\$ 7,000,000$ |


| SUMMARY OF VALUE ESTIMATES <br> BY SALES COMPARISON APPROACH <br> RESTRICTED RENTS AT COMPLETION |  |
| :--- | :---: |
| Method | Indicated Value |
| NOI Per Square Foot | $\$ 9,600,000$ |
| Physical Adjustments | $\$ 9,200,000$ |
| Reconciled: | $\$ 9,300,000$ |


| SUMMARY OF VALUE ESTIMATES <br> BY SALES COMPARISON APPROACH <br> HYPOTHETICAL MARKET RENTS |  |
| :---: | :---: |
| Method | Indicated Value |
| NOI Per Square Foot | $\$ 16,800,000$ |
| Physical Adjustments | $\$ 17,900,000$ |
| Reconciled: | $\$ 17,000,000$ |

We were asked to estimate market value "as is" and prospective market value "upon completion of renovation" and "at stabilization" of the subject using restricted rents. In addition, we were asked to provide the prospective hypothetical value "upon completion of renovation/conversion" and "at stabilization" of the subject using unrestricted/market rents. We were also requested to estimate "as is" market value of the leasehold interest in the subject site and existing improvements, as well as the valuation of the tax credits and an analysis of the ground lease of the underlying site.

## FINAL VALUE ESTIMATE - "AS IS"

We used the income and sales comparison approaches to estimate market value for the subject property. The indications from each are presented in the following chart.

| FINAL VALUE ESTIMATES - RESTRICTED AS IS |  |
| :--- | ---: |
| Income Capitalization Approach | $\$ 6,800,000$ |
| Sales Comparison Approach | $\$ 7,000,000$ |

Apartment properties are typically purchased by investors; thus, the income approach most closely parallels the anticipated analysis that would be employed by a likely buyer. Most multifamily buyers place emphasis on this approach, particularly the direct capitalization analysis for existing properties operating at or near stabilization.

The sales comparison approach is predicated on the principle that an investor will pay no more for an existing property than for a comparable property with similar utility. This approach is contingent on the reliability and comparability of available data. We used sales of conventional apartment complexes located in the metro Atlanta market of similar investment quality.

Based on the research and analysis contained in this report, and placing greater weight on the income approach, we estimate the market value of the leasehold interest in the subject property, as follows:

Estimate of Market Value of the Leasehold Interest in the Subject "As Is," Subject To Restricted Rents, As of May 15, 2013<br>SIX MILLION NINE HUNDRED THOUSAND DOLLARS \$6,800,000

## FINAL VALUE ESTIMATE - "AT STABILIZATION"

We used the income and sales comparison approaches to estimate market value for the subject property. The indications from each are presented in the following chart.

| FINAL VALUE ESTIMATES - RESTRICTED AS COMPLETE |  |
| :--- | :--- |
| Income Capitalization Approach | $\$ 9,500,000$ |
| Sales Comparison Approach | $\$ 9,300,000$ |
| FINAL VALUE ESTIMATES - MARKET - AS COMPLETE |  |
| Income Capitalization Approach | $\$ 17,200,000$ |
| Sales Comparison Approach | $\$ 17,000,000$ |

# Estimate of Market Value of the Leasehold Interest in the Subject <br> "As Complete And Stabilized," Subject To Restricted Rents, As of May 15, 2013 <br> NINE MILLION SIX HUNDRED THOUSAND DOLLARS $\$ 9,500,000$ 

## Estimate of Market Value of the Leasehold Interest in the Subject "As Complete And Stabilized," Subject To Hypothetical Market Rents, As of May 15, 2013 <br> SEVENTEEN MILLION TWO HUNDRED THOUSAND DOLLARS <br> \$17,200,000

## FINAL VALUE ESTIMATES - "UPON COMPLETION"

In order to estimate the prospective value "upon completion of renovation," we must deduct those additional costs yet to be incurred in order to achieve stabilization. In the case of the subject, this requires consideration of rent loss, and entrepreneurial profit. These costs are then deducted from our reconciled "at stabilization" value estimates of \$9,500,000 assuming restricted rents and $\$ 17,200,000$ assuming unrestricted or market rents.

Rent loss is calculated for the period between the "as is" value and date of stabilization. The subject will need to lease roughly 167 (Restricted) or 163 (Market) units to reach their respective stabilized operating levels of $92 \% / 90 \%$. Tenants will shift into existing vacant units as units are renovated, so a minimal loss of tenants is anticipated. As discussed in our Market Analysis, competition among apartments in the subject's market is strong. We estimated that the subject should be able to reach a stabilized operating level within six months from the date of completion, April 1, 2015. Our analysis assumes that the units will be taken down evenly over the stabilization period. Our estimated "at stabilization" effective gross rental incomes are
$\$ 1,728,410$ or $\$ 144,034$ per month (Restricted) and $\$ 2,227,000$ or $\$ 185,583$ per month (Market). The development will never be completely vacant, since tenants will move into units as they are completed. Since this loss will be reduced, over time, to zero by the time the property is stabilized, we estimate that the typical buyer of the property would calculate the total loss by taking one-half of these figures or $\$ 72,017$ ( $\$ 144,034 / 2$ ) and $\$ 92,792$ ( $\$ 185,583 / 2$ ) and then multiplying by the lease-up period of six months. This methodology produces total rent loss of $\$ 432,103$ and $\$ 556,752$, respectively.

In addition, investors in destabilized properties expect to make a profit on any additional investment required. According to brokers and buyers/sellers, as well as developers, profit requirements tend to range from $10 \%$ to $20 \%$ of total cost to achieve stabilization for most property types. The lower end of the range typically applies to singletenant, build-to-suit type properties with limited risk, while the upper end pertains to multitenant, larger properties with extensive marketing and lease-up costs and thus, greater risk. Based on conversations with representatives involved in the sale of similar apartment properties, and considering the subject's condition and the current market conditions, we estimate an appropriate profit for the subject property at $10 \%$. Thus, we applied a $10 \%$ profit to the total rent loss estimates, which equates to $\$ 43,210$ ( $\$ 432,103 \times 10 \%$ ) assuming restricted rents and $\$ 55,675$ ( $\$ 556,752 x$ 10\%) assuming unrestricted or market rents. When added, the total rounded costs are $\$ 500,000(\$ 432,103+43,210=\$ 475,313)$ and $\$ 600,000$ ( $\$ 556,752+55,675=\$ 612,427$ ). Deducting these amounts from our stabilized values result in the following "upon completion" value estimates using this methodology:

Estimate of Market Value of the Leasehold Interest in the Subject<br>"Upon Completion," Subject To Restricted Rents, As of July 1, 2014<br>NINE MILLION DOLLARS<br>\$9,000,000

# Estimate of Hypothetical Market Value of the Leasehold Interest in the Subject "Upon Completion," Assuming Unrestricted/Market Rents, As of July 1, 2014 SIXTEEN MILLION SIX HUNDRED THOUSAND DOLLARS \$16,600,000 

## LOW INCOME HOUSING TAX CREDITS

The subject property will be renovated subject to the Georgia Housing Development Agency Low Income Housing Program, and accordingly is eligible to receive tax credits under Section 42 of the Internal Revenue Code. The subject developer intends to syndicate the tax credits, with the proceeds to comprise the tax credit equity source of funds for development.

The LIHTC program provides incentives to developers to provide affordable housing to low-income residents. According to the program, low income qualifies as having income at or below $60 \%$ of the median family income for a particular area. This was discussed in the Market Analysis section of this report. Because the subject is offering 39 of its units to qualified residents, it is allowed to receive Low Income Housing Tax Credits to offset future federal and state income taxes. Should the property be sold or foreclosed upon and resold during the 10-year period, the remaining amount of tax credits is transferable.

Information provided to us indicates the developer has projected a tax credit allocation of $\$ 8,239,577$ in federal and state tax credits. We were provided information indicating that they will pay $\$ 1.20$ per dollar for the combined federal and state tax credits.

The market for tax credits has changed significantly over the past few years, and only recent activity could accurately reflect the current market for tax credits. Research indicates the pool of purchasers and demand for tax credits had diminished when the recession began, and pricing had fallen considerably as a result. Rates selling for $\$ 0.70-\$ 0.75$ per dollar of tax credit were common. More recently demand has steadily increased and so has pricing, with rates returning to the high $\$ 0.80$ s for Federal and mid to high $\$ 0.20$ s for State tax credits. We were provided information indicating that they will pay $\$ 0.87$ per dollar for the federal tax credits and $\$ 0.33$ per dollar of state tax credits.

Based on this data, the contract figures for the subject are considered reasonable. Therefore, utilizing the foregoing figures, the tax credits are projected to generate approximately $\$ 9,887,492$ in proceeds upon sale, which we rounded to $\mathbf{\$ 1 0 , 0 0 0 , 0 0 0}$.

The value estimates provided above are subject to the assumptions and limiting conditions stated throughout this report.

1. Unless otherwise noted in the body of the report, we assumed that title to the property or properties appraised is clear and marketable and that there are no recorded or unrecorded matters or exceptions that would adversely affect marketability or value. We are not aware of any title defects nor were we advised of any unless such is specifically noted in the report. We did not examine a title report and make no representations relative to the condition thereof. Documents dealing with liens, encumbrances, easements, deed restrictions, clouds and other conditions that may affect the quality of title were not reviewed. Insurance against financial loss resulting in claims that may arise out of defects in the subject property's title should be sought from a qualified title company that issues or insures title to real property.
2. We assume that improvements are constructed or will be constructed according to approved architectural plans and specifications and in conformance with recommendations contained in or based upon any soils report(s).
3. Unless otherwise noted in the body of this report, we assumed: that any existing improvements on the property or properties being appraised are structurally sound, seismically safe and code conforming; that all building systems (mechanical/electrical, HVAC, elevator, plumbing, etc.) are, or will be upon completion, in good working order with no major deferred maintenance or repair required; that the roof and exterior are in good condition and free from intrusion by the elements; that the property or properties have been engineered in such a manner that it or they will withstand any known elements such as windstorm, hurricane, tornado, flooding, earthquake, or similar natural occurrences; and, that the improvements, as currently constituted, conform to all applicable local, state, and federal building codes and ordinances. We are not engineers and are not competent to judge matters of an engineering nature. We did not retain independent structural, mechanical, electrical, or civil engineers in connection with this appraisal and, therefore, make no representations relative to the condition of improvements. Unless otherwise noted in the body of the report no problems were brought to our attention by ownership or management. We were not furnished any engineering studies by the owners or by the party requesting this appraisal. If questions in these areas are critical to the decision process of the reader, the advice of competent engineering consultants should be obtained and relied upon. It is specifically assumed that any knowledgeable and prudent purchaser would, as a precondition to closing a sale, obtain a satisfactory engineering report relative to the structural integrity of the property and the integrity of building systems. Structural problems and/or building system problems may not be visually detectable. If engineering consultants retained should report negative factors of a material nature, or if such are later discovered, relative to the condition of improvements, such information could have a substantial negative impact on the conclusions reported in this appraisal. Accordingly, if negative findings are reported by engineering consultants, we reserve the right to amend the appraisal conclusions reported herein.
4. All furnishings, equipment and business operations, except as specifically stated and typically considered as part of real property, have been disregarded with only real property being considered in the appraisal. Any existing or proposed improvements, on- or off-site, as well as any alterations or repairs considered, are assumed to be completed in a workmanlike manner according to standard practices based upon information submitted. This report may be subject to amendment upon reinspection of the subject property subsequent to repairs, modifications, alterations and completed new construction. Any estimate of Market Value is as of the date indicated; based upon the information, conditions and projected levels of operation.
5. We assume that all factual data furnished by the client, property owner, owner's representative, or persons designated by the client or owner to supply said data are accurate and correct unless otherwise noted in the appraisal report. We have no reason to believe that any of the data furnished contain any material error. Information and data referred to in this paragraph include, without being limited to, numerical street addresses, lot and block numbers, Assessor's Parcel Numbers, land dimensions, square footage area of the land, dimensions of the improvements, gross building areas, net rentable areas, usable areas, unit count, room count, rent schedules, income data, historical operating expenses, budgets, and related data. Any material error in any of the above data could have a substantial impact on the conclusions reported. Thus, we reserve the right to amend our conclusions if errors are revealed. Accordingly, the client-addressee should carefully review all assumptions, data, relevant calculations, and conclusions within 30 days after the date of delivery of this report and should immediately notify us of any questions or errors.
6. The date of value to which any of the conclusions and opinions expressed in this report apply, is set forth in the Letter of Transmittal. Further, that the dollar amount of any value opinion herein rendered is based upon the purchasing power of the American Dollar on that date. This appraisal is based on market conditions existing as of the date of this appraisal. Under the terms of the engagement, we will have no obligation to revise this report to reflect events or conditions which occur subsequent to the date of the appraisal. However, we will be available to discuss the necessity for revision resulting from changes in economic or market factors affecting the subject.
7. We assume no private deed restrictions, limiting the use of the subject property in any way.
8. Unless otherwise noted in the body of the report, we assume that there are no mineral deposits or subsurface rights of value involved in this appraisal, whether they be gas, liquid, or solid. Nor are the rights associated with extraction or exploration of such elements considered unless otherwise stated in this appraisal report. Unless otherwise stated we also assumed that there are no air or development rights of value that may be transferred.
9. We are not aware of any contemplated public initiatives, governmental development controls, or rent controls that would significantly affect the value of the subject.
10. The estimate of Market Value, which may be defined within the body of this report, is subject to change with market fluctuations over time. Market value is highly related to exposure, time promotion effort, terms, motivation, and conclusions surrounding the offering. The value estimate(s) consider the productivity and relative attractiveness of the property, both physically and economically, on the open market.
11. Unless specifically set forth in the body of the report, nothing contained herein shall be construed to represent any direct or indirect recommendation to buy, sell, or hold the properties at the value stated. Such decisions involve substantial investment strategy questions and must be specifically addressed in consultation form.
12. Unless otherwise noted in the body of this report, we assume that no changes in the present zoning ordinances or regulations governing use, density, or shape are being considered. The property is appraised assuming that all required licenses, certificates of occupancy, consents, or other legislative or administrative authority from any local, state, nor national government or private entity or organization have been or can be obtained or renewed for any use on which the value estimates contained in this report is based, unless otherwise stated.
13. This study may not be duplicated in whole or in part without our written consent, nor may this report or copies hereof be transmitted to third parties without said consent. Exempt from this restriction is duplication for the internal use of the client-addressee and/or transmission to attorneys, accountants, or advisors of the client-addressee. Also exempt from this restriction is transmission of the report to any court, governmental authority, or regulatory agency having jurisdiction over the party/parties for whom this appraisal was prepared, provided that this report and/or its contents shall not be published, in whole or in part, in any public document without our written consent. Finally, this report shall not be advertised to the public or otherwise used to induce a third party to purchase the property or to make a "sale" or "offer for sale" of any "security", as such terms are defined and used in the Securities Act of 1933, as amended. Any third party, not covered by the exemptions herein, who may possess this report, is advised that they should rely on their own independently secured advice for any decision in connection with this property. We shall have no accountability or responsibility to any such third party.
14. Any value estimate provided in the report applies to the entire property, and any pro ration or division of the title into fractional interests will invalidate the value estimate, unless such pro ration or division of interests has been set forth in the report.
15. Any distribution of the total valuation in this report between land and improvements applies only under the existing program of utilization. Component values for land and/or buildings are not intended to be used in conjunction with any other property or appraisal and are invalid if so used.
16. The maps, plats, sketches, graphs, photographs and exhibits included in this report are for illustration purposes only and are to be used only to assist in visualizing matters discussed within this report.

Except as specifically stated, data relative to size or area of the subject and comparable properties was obtained from sources deemed accurate and reliable. None of the exhibits are to be removed, reproduced, or used apart from this report.
17. No opinion is intended to be expressed on matters which may require legal expertise or specialized investigation or knowledge beyond that customarily employed by real estate appraisers. Values and opinions expressed presume that environmental and other governmental restrictions/conditions by applicable agencies have been met, including but not limited to seismic hazards, flight patterns, decibel levels/noise envelopes, fire hazards, hillside ordinances, density, allowable uses, building codes, permits, licenses, etc. No survey, engineering study or architectural analysis was provided to us unless otherwise stated within the body of this report. If we were not supplied with a termite inspection, survey or occupancy permit, no responsibility or representation is assumed or made for any costs associated with obtaining same or for any deficiencies discovered before or after they are obtained. No representation or warranty is made concerning obtaining these items. We assume no responsibility for any costs or consequences arising due to the need, or the lack of need, for flood hazard insurance. An agent for the Federal Flood Insurance Program should be contacted to determine the actual need for Flood Hazard Insurance.
18. Acceptance and/or use of this report constitutes full acceptance of the Assumptions and Limiting Conditions and special assumptions set forth in this report. It is the responsibility of the Client, or client's designees, to read in full, comprehend and thus become aware of the aforementioned assumptions and limiting conditions. We assume no responsibility for any situation arising out of the Client's failure to become familiar with and understand the same. The Client is advised to retain experts in areas that fall outside the scope of the real estate appraisal/consulting profession if so desired.
19. We assume that the subject property will be under prudent and competent management and ownership; neither inefficient or super-efficient.
20. We assume that there is full compliance with all applicable federal, state, and local environmental regulations and laws unless noncompliance is stated, defined and considered in the appraisal report.
21. No survey of the boundaries of the property was undertaken. All areas and dimensions furnished are presumed correct. It is further assumed that no encroachments to the realty exist.
22. All value opinions expressed herein are as of the date of value. In some cases, facts or opinions are expressed in the present tense. All opinions are expressed as of the date of value, unless specifically noted.
23. The Americans with Disabilities Act (ADA) became effective January 26, 1992. Notwithstanding any discussion of possible readily achievable barrier removal construction items in this report, we did not perform a specific compliance survey and analysis of this property to determine whether it is in conformance with the various detailed requirements of the ADA. It is possible that a compliance survey of the property together with a detailed analysis of the requirements of the ADA could reveal that the property is not in compliance with one or more of the requirements of the ADA. If so, this fact could have a negative effect on the value estimated herein. Since we have no specific information relating to this issue, nor are we qualified to make such an assessment, the effect of any possible non-compliance was not considered in estimating the value of the subject property.
24. The value estimate rendered in this report is predicated on the assumption that there is no hazardous material on or in the property that would cause a loss in value. We were not provided with an Environmental Assessment Report. Further, we are not qualified to determine the existence or extent of environmental hazards. If there are any concerns pertaining to environmental hazards for this property, we recommend that an assessment be performed by a qualified engineer.


Looking East Along Merrits Avenue NW


Looking South On Center Street


Looking South Along Centennial Park Drive


Looking West Along Merrits Avenue NW


Clubhouse/Leasing Office At Southwest Corner of Centennial Park Dr and Merritts Ave


Looking North Along Centennial Park Drive


Pool


Playground


Looking East Along Pine Street Across Centennial Park Drive (Ph I)


Clubhouse Interior, Renovations From Fire Damage Underway


Looking West Along Pine Street


Apartments At SEC Pine Street And Centennial Park Drive (Ph I)


Apartments At SWC Pine Street And Centennial Park Drive (Ph I)


Looking South From Hunnicutt Street


Apartments At NWC Hunnicutt And Lovejoy Streets (Ph II)


Looking South From Interior Courtyard/Parking (Ph I)


Apartments At NWC Hunnicutt Street And Centennial Park Drive (Ph I)


Apartments Along East Side Of Lovejoy Street (Ph I)


View Into Courtyard, Ph II


Looking South Along McAfee Street


Units With Garages West Side Of Center Street (Ph II)


Looking North Along McAfee Street


Units With Garages East Side Of Center Street (Ph I)


Exterior Balcony


Kitchen, 2BR1BA Ph I


Bathroom, 2BR1BA Ph I


Built In, 2BR1BA Ph I


Kitchen, 2BR1BA Ph I


Bedroom, 2BR1BA Ph I


Security Gate To Breezeway


Air Conditioning Units


Washer/Dryer/Utility Closet


Bathroom, 1BR1BA Ph I


Living/Dining Room, 1BR1BA Ph I


Bathroom, 1BR1BA Ph I


Stairs To Bedrooms, Living Room 3BR2BA Ph II


Dining Room 3BR2BA Ph II


Kitchen 3BR2BA Ph II


Hall Bathroom 3BR2BA
Ph II


Kitchen 3BR2BA Ph II


Stairs To Bedrooms 3BR2BA Ph II



Kitchen 2BR2BA Ph II


Bathroom 2BR2BA Ph II


Open Living/Dining 1BR1BA Ph II


Open Living/Dining 2BR2BA Ph II


Kitchen 1BR1BA Ph II


Kitchen 2BR1BA Ph II


Living Room 2BR1BA Ph II


Hollywood Style Bathroom 2BR1.5BA Ph II


Ground Floor Room Off Garage Ph II


Half Bath 2BR1.5BA With Garage Ph II


Stairs To Garage Ph II


Garage Ph II

Region


[^3]Neighborhood


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ECEMBER 19，1980，AS AMENDED DIRECTOR，BUREAU OF PLANNING DATE
CITY OF ATLANTA，GEORGIA
 Zoning
SPI－Special Public Interest
Commercial
Industrial
Historic \＆Cultural
Live－Work
QOL Multi－Family
QOL Mixed Use
Neighborhood Commercial
Office Institutional
Planned Development
Residential－Single Family
Residential－Duplex Residential－Multi－Family






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## PROPERTY ADDRESS:

526+Centennial+Olympic+Park+Dr+NW\%2C+Atlanta\%2C+GA\% $2 \mathrm{C}+30313$



Ablanta Housing Authority
April 29, 2013

Beeleng Chan, Finance Director
Integral Investment Management
191 Peachtree Street, NE
Suite 4100
Atlanta, GA 30303

RE: Conversion of Centennial Place Phases I and II

Dear Ms. Chan:

As you know, HUD recently approved AHA's Voluntary Conversion demonstration program for Centennial Place. Under that program, AHA will be able to convert units that are currently receiving Section 9 public housing subsidies to Section 8 Project Based Rental Assistance (PBRA).

We plan to convert Phases I and II of Centennial Place to PBRA soon, but in any event prior to acquisition of the improvements by the new owner entities. The PBRA rents after conversion would be as follows:

| Unit Type | Gross Rent | Utility Allowance | Net Rent |
| :--- | :---: | :---: | :---: |
| 1 Bedroom | $\$ 747$ | $\$ 104$ | $\$ 643$ |
| 2 Bedroom | $\$ 895$ | $\$ 127$ | $\$ 768$ |
| 3 Bedroom | $\$ 1,035$ | $\$ 149$ | $\$ 886$ |
| 4 Bedroom | $\$ 1,155$ | $\$ 170$ | $\$ 985$ |

Please call me at 404-685-4374 if you have any questions. Thank you.

Sincerely,


Michael D. Wilson
Director of Real Estate Transactions
Real Estate Development and Acquisitions
Property: Centennial Place I (0116aff)
As of Date: 05/16/2013

| Unit Type | Total Units | Occupied Units | Occupied Percent | Total SqFt | Occupied SqFt | Avg <br> Market Rent Per Unit | Avg Occupied Rent Per Unit | Total Market Rent | Occupied Market Rent | Occupied <br> Potential <br> Rent | Loss/Gain to Lease | Ready to Rent | Not <br> Ready to Rent | Non Revenue Units |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  | Model | Admin | Down |
| Centennial Place I (0116aff) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 1 BR PHA, G (1161aa60) | 9 | 8 | 88.89\% | 6,192 | 5,504 | 651.00 | 130.88 | 5,859.00 | 5,208.00 | 1,047.00 | 4,161.00 | 0 | 0 | 0 | 0 | 0 |
| 1 BR MKT, G (1161am00) | 29 | 28 | 96.55\% | 19,952 | 19,264 | 889.00 | 775.00 | 25,781.00 | 24,892.00 | 21,700.00 | 3,192.00 | 0 | 1 | 0 | 0 | 0 |
| 1 BR TC, G, 30\% (1161at30) | 1 | 1 | 100.00\% | 688 | 688 | 599.00 | 610.00 | 599.00 | 599.00 | 610.00 | (11.00) | 0 | 0 | 0 | 0 | 0 |
| 1 BR TC, G, 60\% (1161at60) | 25 | 25 | 100.00\% | 17,200 | 17,200 | 599.00 | 643.36 | 14,975.00 | 14,975.00 | 16,084.00 | $(1,109.00)$ | 0 | 0 | 0 | 0 | 0 |
| 1 BR PHA, G, HC (1161 ha60) | 1 | 1 | 100.00\% | 688 | 688 | 651.00 | 323.00 | 651.00 | 651.00 | 323.00 | 328.00 | 0 | 0 | 0 | 0 | 0 |
| 2 BR PHA, G (1162aa60) | 23 | 21 | 91.30\% | 19,987 | 18,249 | 790.00 | 202.29 | 18,170.00 | 16,590.00 | 4,248.00 | 12,342.00 | 0 | 1 | 0 | 0 | 0 |
| 2 BR MKT, G (1162am00) | 4 | 3 | 75.00\% | 3,476 | 2,607 | 815.00 | 886.67 | 3,260.00 | 2,445.00 | 2,660.00 | (215.00) | 0 | 1 | 0 | 0 | 0 |
| 2 BR TC, G, 60\% (1162at60) | 3 | 2 | 66.67\% | 2,607 | 1,738 | 772.00 | 756.50 | 2,316.00 | 1,544.00 | 1,513.00 | 31.00 | 0 | 0 | 0 | 0 | 0 |
| 2 BR MKT, G (1162bm00) | 1 | 1 | 100.00\% | 875 | 875 | 815.00 | 990.00 | 815.00 | 815.00 | 990.00 | (175.00) | 0 | 0 | 0 | 0 | 0 |
| 2 BR PHA, TH (1162ca60) | 16 | 15 | 93.75\% | 16,656 | 15,615 | 790.00 | 327.33 | 12,640.00 | 11,850.00 | 4,910.00 | 6,940.00 | 0 | 0 | 0 | 0 | 0 |
| 2 BR MKT, TH ( 1162 cm 00 ) | 3 | 3 | 100.00\% | 3,123 | 3,123 | 1,049.00 | 1,109.33 | 3,147.00 | 3,147.00 | 3,328.00 | (181.00) | 0 | 0 | 0 | 0 | 0 |
| 2 BR TC, TH, 60\% (1162ct60) | 4 | 4 | 100.00\% | 4,164 | 4,164 | 772.00 | 811.00 | 3,088.00 | 3,088.00 | 3,244.00 | (156.00) | 0 | 0 | 0 | 0 | 0 |
| 2 BR PHA, TH (1162da60) | 2 | 2 | 100.00\% | 2,114 | 2,114 | 790.00 | 91.50 | 1,580.00 | 1,580.00 | 183.00 | 1,397.00 | 0 | 0 | 0 | 0 | 0 |
| 2 BR MKT, G (1162dm00) | 23 | 19 | 82.61\% | 24,311 | 20,083 | 815.00 | 958.68 | 18,745.00 | 15,485.00 | 18,215.00 | $(2,730.00)$ | 0 | 3 | 0 | 0 | 0 |
| 2 BR MKT, TH (1162fm00) | 2 | 2 | 100.00\% | 2,430 | 2,430 | 1,049.00 | 1,357.00 | 2,098.00 | 2,098.00 | 2,714.00 | (616.00) | 0 | 0 | 0 | 0 | 0 |
| 2 BR TC, TH, 60\% (1162ft60) | 1 | 1 | 100.00\% | 1,215 | 1,215 | 772.00 | 829.00 | 772.00 | 772.00 | 829.00 | (57.00) | 0 | 0 | 0 | 0 | 0 |
| 2 BR PHA, G, HC (1162ha60) | 2 | 2 | 100.00\% | 1,738 | 1,738 | 790.00 | 144.00 | 1,580.00 | 1,580.00 | 288.00 | 1,292.00 | 0 | 0 | 0 | 0 | 0 |
| 3 BR PHA, TH (1163aa60) | 19 | 19 | 100.00\% | 23,826 | 23,826 | 919.00 | 316.05 | 17,461.00 | 17,461.00 | 6,005.00 | 11,456.00 | 0 | 0 | 0 | 0 | 0 |
| 3 BR MKT, TH (1163am00) | 3 | 3 | 100.00\% | 4,188 | 4,188 | 1,550.00 | 1,499.33 | 4,650.00 | 4,650.00 | 4,498.00 | 152.00 | 0 | 0 | 0 | 0 | 0 |
| 3 BR TC, TH, 60\% (1163at60) | 5 | 5 | 100.00\% | 6,950 | 6,950 | 750.00 | 898.60 | 3,750.00 | 3,750.00 | 4,493.00 | (743.00) | 0 | 0 | 0 | 0 | 0 |
| 4 BR PHA, TH (1164aa60) | 2 | 2 | 100.00\% | 3,162 | 3,162 | 1,031.00 | 579.00 | 2,062.00 | 2,062.00 | 1,158.00 | 904.00 | 0 | 0 | 0 | 0 | 0 |
| 4 BR MKT, TH (1164am00) | 2 | 2 | 100.00\% | 3,162 | 3,162 | 1,820.00 | 1,837.50 | 3,640.00 | 3,640.00 | 3,675.00 | (35.00) | 0 | 0 | 0 | 0 | 0 |
| 1 BR MKT, G (wait116) | 1 | 0 | 0.00\% | 688 | 0 | 835.00 | 0.00 | 835.00 | 0.00 | 0.00 | 0.00 | 0 | 0 | 1 | 0 | 0 |
|  | 181 | 169 | 93.37\% | 169,392 | 158,583 | 820.30 | 607.78 | 148,474.00 | 138,882.00 | 102,715.00 | 36,167.00 | 0 | 6 | 1 | 0 | 0 |

Rent Comparables


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Multi-Family Lease No. 1


Property Identification
Record ID
Property Type
Property Name
Address
Location
Owner
Management Co.
Verification

1576
Garden LIHTC
Ashley Auburn Pointe I
357 Auburn Pointe Drive, Atlanta, Fulton County, Georgia 30312
Central Atlanta
Integral
Integral
Leasing Agent - Clarissa Doyle; 404-224-1893, April 01, 2013; Confirmed by Doug Rivers

## Unit Mix

| No. of <br> Units | $\underline{\text { Size SF }}$ |  | Mo. <br> Rent/Mo. | Rent/SF |
| :---: | :---: | :---: | :---: | :---: |
| 33 | 756 | $\$ 850$ | $\$ 1.12$ |  |
| 23 | 645 | $\$ 645$ | $\$ 1.00$ |  |
| 28 | 1,079 | $\$ 1,100$ | $\$ 1.02$ |  |
| 56 | 1,079 | $\$ 736$ | $\$ 0.68$ |  |
| 14 | 1,264 | $\$ 811$ | $\$ 0.64$ |  |

## Occupancy

96\%
Total Units
Unit Size Range
Avg. Unit Size
Avg. Rent/Unit
154
645-1264
962
Avg. Rent/SF
Net SF
$\$ 820$
\$0.85

148,115

Physical Data
Construction Type

# Multi-Family Lease No. 1 (Cont.) 

| Electrical | Assumed Adequate |
| :--- | :--- |
| HVAC | Assumed Adequate |
| Stories | $3 / 4$ |
| Utilities with Rent | Trash Collection |
| Unit Amenities | Patios/Balconies, Ceiling Fans, Security System, Icemakers, |
|  | Washer/Dryer Connections, Microwaves, Washer/Dryers |
| Project Amenities | Outdoor Pool, Clubhouse, Exercise/Fitness, Playground |
| Parking | Surface |
| Year Built | 2010 |
| Condition | Excellent |

## Remarks

This is a 154 -unit, Class-A, mixed-income apartment development within the Auburn Pointe redevelopment. It includes 40\% market-rate, 20\% LIHTC (60\% AMI), 5\% PBRA and 35\% authority
assisted units. Ashley Auburn Pointe I reached substantial completion on November 22, 2010. All market rate and non-Authority Assisted units leased within 3 months. The occupancy of the subsidized units took a little longer because of the re-occupancy process of residents from the former Grady Homes development. Tenants pay all utilities except trash and there are currently no concessions being offered.

Multi-Family Lease No. 2


Property Identification

Record ID
Property Type
Property Name
Address
Location
Verification

1396
Garden LIHTC
Columbia Mechanicsville
505 Fulton Street, Atlanta, Fulton County, Georgia 30312
Central Atlanta
Leasing Agent - Dika; 404-577-2833, April 01, 2013; Confirmed by Doug Rivers

Unit Mix

| No. of Units | Size SF | Rent/Mo. | Mo. <br> Rent/SF |
| :---: | :---: | :---: | :---: |
| 5 | 750 | \$790 | \$1.05 |
| 15 | 750 | \$536 | \$0.71 |
| 20 | 750 | \$675 | \$0.90 |
| 24 | 1,005 | \$900 | \$0.90 |
| 25 | 1,005 | \$606 | \$0.60 |
| 54 | 1,005 | \$773 | \$0.77 |
| 35 | 1,200 | \$1,100 | \$0.92 |
| 10 | 1,200 | \$691 | \$0.58 |
| 11 | 1,200 | \$853 | \$0.71 |


| Occupancy | $100 \%$ |
| :--- | :--- |
| Total Units | 199 |
| Unit Size Range | $750-1200$ |
| Avg. Unit Size | 1,009 |
| Avg. Rent/Unit | $\$ 798$ |
| Avg. Rent/SF | $\$ 0.79$ |
| Net SF | 200,715 |

# Multi-Family Lease No. 2 (Cont.) 

## Physical Data

| Construction Type | Midrise Brick and Stucco |
| :--- | :--- |
| Electrical | Assumed adequate |
| HVAC | Assumed adequate |
| Stories | 4 |
| Utilities with Rent | Trash Collection |
| Unit Amenities | Patios/Balconies, Security System, Washer/Dryer Connections |
| Project Amenities | Clubhouse, Laundry, Exercise/Fitness |
| Year Built | 2007 |
| Condition | Good |

## Remarks

This property is located along McDaniel and Fulton Streets, just south of I-20, just west of I-75/85, and about a mile south of the Atlanta CBD. This mixed-income property offers $50 \%$ and $60 \%$ LIHTC units, as well as market-rate units. No specials are being offered. Typically small discounts are being offered to city employees.

Multi-Family Lease No. 3


Property Identification

Record ID
Property Type
Property Name
Address
Location
On-Site Manager
Verification

903
Garden \& Townhomes LIHTC
Capitol Gateway I \& II
89 Woodward Avenue, Atlanta, Fulton County, Georgia 30312
Memorial Drive and Connally Street
IMS Management
Kya Smith/Jane Finch; 404-586-0411, May 07, 2013; Confirmed by Ingrid Ott

Unit Mix
No. of
Units
15
22
17
23
24
32
25

| $\frac{\text { Size SF }}{}$ |  | Mont/Mo. <br> 742 | Ro. <br> Rent/SF |
| :---: | :---: | :---: | :---: |
| 772 | $\$ 799$ |  | $\$ 1.08$ |
| 708 | $\$ 799$ |  | $\$ 1.03$ |
| 867 | $\$ 799$ | $\$ 1.13$ |  |
| 742 | $\$ 678$ |  | $\$ 0.92$ |
| 772 | $\$ 678$ | $\$ 0.91$ |  |
| 708 | $\$ 678$ | $\$ 0.88$ |  |
| 7 |  | $\$ 0.96$ |  |

## Multi-Family Lease No. 3 (Cont.)

| 1BR/1BA TC | 25 | 867 | $\$ 678$ | $\$ 0.78$ |
| :---: | :---: | :---: | :---: | :---: |
| 2BR/1BA MKT | 24 | 910 | $\$ 850$ | $\$ 0.93$ |
| 2BR/2BA MKT | 1 | 978 | $\$ 900$ | $\$ 0.92$ |
| 2BR/2BA MKT | 6 | 1,031 | $\$ 900$ | $\$ 0.87$ |
| 2BR/2BA MKT | 30 | 1,047 | $\$ 900$ | $\$ 0.86$ |
| 2BR/2BA MKT | 11 | 1,050 | $\$ 900$ | $\$ 0.86$ |
| 2BR/2.5BA M | 6 | 1,178 | $\$ 1,175$ | $\$ 1.00$ |
| 2BR/2.5BA M | 3 | 1,319 | $\$ 1,300$ | $\$ 0.99$ |
| 2BR/1BA TC | 35 | 910 | $\$ 777$ | $\$ 0.85$ |
| 2BR/2BA TC | 7 | 978 | $\$ 777$ | $\$ 0.79$ |
| 2BR/2BA TC | 11 | 1,031 | $\$ 777$ | $\$ 0.75$ |
| 2BR/2BA TC | 41 | 1,047 | $\$ 777$ | $\$ 0.74$ |
| 2BR/2BA TC | 16 | 1,050 | $\$ 777$ | $\$ 0.74$ |
| 2BR/2BA TC | 2 | 1,064 | $\$ 777$ | $\$ 0.73$ |
| 2BR/2.5BA TC | 8 | 1,178 | $\$ 777$ | $\$ 0.66$ |
| 2BR/2.5BA TC | 3 | 1,319 | $\$ 777$ | $\$ 0.59$ |
| 3BR/2BA MKT | 3 | 1,258 | $\$ 1,300$ | $\$ 1.03$ |
| 3BR/2BA MKT | 5 | 1,314 | $\$ 1,325$ | $\$ 1.01$ |
| 3BR/2BA TC | 9 | 1,258 | $\$ 859$ | $\$ 0.68$ |
| 3BR/2BA TC | 14 | 1,314 | $\$ 859$ | $\$ 0.65$ |
| 4BR/2BA TC | 3 | 1,447 | $\$ 920$ | $\$ 0.64$ |


| Occupancy | $93 \%$ |
| :--- | :--- |
| Total Units | $421269($ Ph. I), 152 (Ph. II) |
| Unit Size Range | $708-1447$ |
| Avg. Unit Size | 937 |
| Avg. Rent/Unit | $\$ 799$ |
| Avg. Rent/SF | $\$ 0.85$ |
|  |  |
| Net SF | 394,643 |
|  |  |
| Physical Data | Brick and Hardi-Plank |
| Construction Type | Adequate |
| Electrical | Adequate |
| HVAC | Three |
| Stories | Trash Collection |
| Utilities with Rent | Patios/Balconies, Ceiling Fans, Vaulted Ceilings, Icemakers, |
| Unit Amenities | Washer/Dryer Connections, Washer/dryer in units |
|  | Outdoor Pool, Clubhouse, Sports Court, Exercise/Fitness |
| Project Amenities | Surface |
| Parking | 2006 |
| Year Built | Excellent |
| Condition |  |

## Remarks

This property represents the 34-acre Capitol Homes HOPE VI Revitalization Area, a mixed-income, mixed-use development. Construction of Phase II of this complex was completed in December 2007. The site is located in an urban area less than a mile southeast of the Atlanta CBD and just north of Interstate 20. The property is subject to requirements under the Low Income Housing Tax Credit (LIHTC) program and includes rent restrictions. The tax credit units are to be leased to tenants with incomes no greater than 54\% and $60 \%$ of area median.


Property Identification

## Record ID <br> Property Type <br> Property Name <br> Address <br> Location

Verification

826
Garden \& Townhomes
Magnolia Park
806 Carter Street, Atlanta, Fulton County, Georgia 30314
Downtown Atlanta

Leasing Agent; 404-523-0740, April 05, 2013; Confirmed by Doug Rivers

No. of
Units
9
9
18
90
18
76

Unit Mix
Unit Mix

| $\frac{\text { Size SF }}{}$ |  | Rent/Mo. |  |
| :---: | :---: | :---: | :---: |
| 600 |  | $\$ 545$ |  |
| 710 |  | $\$ 565$ |  |
| Rent/SF |  |  |  |
| 870 |  | $\$ 705$ |  |
| 955 |  | $\$ 0.80$ |  |
| 1,080 |  | $\$ 875$ |  |
| 1,290 |  | $\$ 0.78$ |  |
| 600 |  | $\$ 925$ |  |
| 710 |  | $\$ 545$ |  |
| 70.81 |  |  |  |
|  | $\$ 565$ |  | $\$ 0.91$ |
|  |  | $\$ 0.80$ |  |

## Multi-Family Lease No. 4 (Cont.)

| 2BR 1.5BA TC | 870 | $\$ 705$ | $\$ 0.81$ |
| :---: | :---: | :---: | :---: |
| 2BR 2BA TC | 955 | $\$ 745$ | $\$ 0.78$ |
| 3BR 2BA TC | 1,080 | $\$ 875$ | $\$ 0.81$ |
| 3BR 2.5BA TC | 1,290 | $\$ 925$ | $\$ 0.72$ |


| Occupancy | $69 \%$ |
| :--- | :--- |
| Total Units | 220 |
| Unit Size Range | $600-1290$ |
| Avg. Unit Size | 1,049 |
| Avg. Rent/Unit | $\$ 799$ |
| Avg. Rent/SF | $\$ 0.76$ |
|  |  |
| Net SF | 230,880 |
|  |  |
| Physical Data | Wood frame, vinyl siding, brick exterior |
| Construction Type | Assumed adequate |
| Electrical | Assumed adequate |
| HVAC | 3 |
| Stories | Water, Sewer, Trash Collection |
| Utilities with Rent | Patios/Balconies, Security System, Washer/Dryer in Units |
| Unit Amenities | Outdoor Pool, Outdoor Tennis, Clubhouse, Exercise/Fitness, Gated |
| Project Amenities | Entry, Playground |
|  | 2000 |
| Year Built | Good |
| Condition |  |

## Remarks

This mixed-income apartment complex is the redevelopment of John Eagan Homes. Application fee is $\$ 50$, security deposit $\$ 200$ (fully refundable), and pet fee is $\$ 300$ (one-half refundable). Roughly the complex has $40 \%$ public housing units, $20 \%$ low-income tax credit units and $40 \%$ market rate units. The property is served by an onsite daycare and public transportation. Rents shown are long term special rents (low occupancy) that have realistically become the ongoing effective rents at this complex. Note these effective rents are the same as the tax credit rents - not an unknown phenomenon in big city apartment markets. Non-special market rents for the six unit types are (in order): \$700, $\$ 745, \$ 845, \$ 890, \$ 975$ and \$1,050.

## Multi-Family Lease No. 5



## Property Identification

Record ID<br>Property Type<br>Property Name<br>Address<br>Location<br>Management Co.<br>Verification

823
Garden \& Townhomes LIHTC
The Villages at Castleberry Hill
600 Greensferry Avenue, Atlanta, Fulton County, Georgia 30314
Downtown Atlanta
H J Russell
Leasing Agent; 404-523-1330, April 05, 2013; Confirmed by Doug Rivers

Unit Mix

| No. of <br> Units | $\frac{\text { Size SF }}{}$ |  | Mo. <br> Rent/Mo. | Rent/SF |
| :---: | :---: | :---: | :---: | :---: |
|  | 710 | $\$ 795$ | $\$ 1.12$ |  |
| 32 | 799 | $\$ 795$ | $\$ 0.99$ |  |
| 34 | 710 | $\$ 620$ | $\$ 0.87$ |  |
| 32 | 890 | $\$ 820$ | $\$ 0.92$ |  |
| 32 | 890 | $\$ 715$ | $\$ 0.80$ |  |
| 32 | 947 | $\$ 799$ | $\$ 0.84$ |  |
| 32 | 947 | $\$ 750$ | $\$ 0.79$ |  |
| 32 | 1,064 | $\$ 799$ | $\$ 0.75$ |  |
| 32 | 1,064 | $\$ 750$ | $\$ 0.70$ |  |
| 32 | 1,093 | $\$ 799$ | $\$ 0.73$ |  |
| 32 | 1,093 | $\$ 750$ | $\$ 0.69$ |  |
| 32 | 1,188 | $\$ 1,365$ | $\$ 1.15$ |  |
| 32 | 1,138 | $\$ 899$ | $\$ 0.79$ |  |
| 32 | 1,038 | $\$ 850$ | $\$ 0.82$ |  |

Occupancy
90\%

## Multi-Family Lease No. 5 (Cont.)

| Total Units | 450 |
| :--- | :--- |
| Unit Size Range | $710-1188$ |
| Avg. Unit Size | 968 |
| Avg. Rent/Unit | $\$ 821$ |
| Avg. Rent/SF | $\$ 0.85$ |
|  |  |
| Net SF | 435,692 |
|  |  |
| Physical Data | Wood frame, vinyl siding and brick exterior |
| Construction Type | Assumed adequate |
| Electrical | Assumed adequate |
| HVAC | $2 \& 3$ |
| Stories | Water, Sewer, Trash Collection |
| Utilities with Rent | Patios/Balconies, Vaulted Ceilings, Security System, Washer/Dryer in |
| Unit Amenities | Units, Garbage Disposal |
|  | 2 Outdoor Pools, Clubhouse, Exercise/Fitness, Gated Entry, Daycare, |
| Project Amenities | Playgrounds and Picnic |
|  | $1998-2000$ |
| Year Built | Excellent |
| Condition |  |

## Remarks

This is the redevelopment of the John Hope public housing project. This project comprises the block at the southwest corner of Northside Drive and Greensferry Avenue, just southwest of downtown Atlanta. It consists of 450 total units. The property receives Low Income Housing Tax Credits with rent restrictions imposed on $60 \%$ of the units. The 284 -unit Phase II achieved stabilized occupancy in September 2000 at a rate of approximately 30 units absorbed per month. Additional amenities for Phase II included two activity/community centers, pool, ball field, tennis courts and playgrounds. The 2BR/2.5BA Townhome unit includes a fireplace and garage. There is a remaining special on the 3BR market units of \$899 per month. The agent indicated this special was going to go away shortly.

Multi-Family Lease No. 6


Property Identification

## Record ID <br> Property Type <br> Property Name Address

## Owner

On-Site Manager
Management Co.
Verification

1670
Garden and Townhomes
Ashley Collegetown, Phase II
387 Jospeh E. Lowery Boulevard, Atlanta, Fulton County, Georgia 30310

Integral
Yes
Integral
Karim Sultan - Property Manager; 404-224-1893, April 15, 2013;
Confirmed by Jon Reiss

## Unit Mix

$\frac{\text { Unit Type }}{1 / 1 \mathrm{MKT}}$
1/1 PBRA/TC
$1 / 1 \mathrm{TC}$
$1 / 1 \mathrm{MKT}$

| No. of <br> Units | $\underline{\text { Size SF }}$ |  | Rent/Mo. |
| :---: | :---: | :---: | :---: | | Mo. |
| :---: |
| 18 |

## Multi-Family Lease No. 6 (Cont.)

| 1/1 PBRA/TC | 21 | 820 | $\$ 665$ | $\$ 0.81$ |
| :---: | :---: | :---: | :---: | :---: |
| 2/2 MKT | 1 | 989 | $\$ 875$ | $\$ 0.88$ |
| 2/2 Model | 1 | 989 |  |  |
| 2/2 MKT | 30 | 1,073 | $\$ 875$ | $\$ 0.82$ |
| 2/2 PBRA/TC | 29 | 1,073 | $\$ 760$ | $\$ 0.71$ |
| 2/2 MKT | 8 | 1,223 | $\$ 975$ | $\$ 0.80$ |
| 2/2 PBRA/TC | 10 | 1,223 | $\$ 760$ | $\$ 0.62$ |
| 2/2 MKT | 1 | 1,250 | $\$ 1,025$ | $\$ 0.82$ |
| 2/2 PBRA/TC | 1 | 1,250 | $\$ 760$ | $\$ 0.61$ |
| 2/1.5 MKT (TH) | 1 | 1,285 | $\$ 1,075$ | $\$ 0.84$ |
| 2/1.5 PBRA/TC | 10 | 1,285 | $\$ 760$ | $\$ 0.59$ |
| 2/2 PBRA/TC | 10 | 1,314 | $\$ 760$ | $\$ 0.58$ |
| 3/2.5 MKT (TH) | 3 | 1,594 | $\$ 1,250$ | $\$ 0.78$ |
| 3/2.5 PBRA/TC | 12 | 1,594 | $\$ 811$ | $\$ 0.51$ |


| Occupancy | $95 \%$ Physical / 96\% Leased |
| :--- | :--- |
| Rent Premiums | No |
| Total Units | 177 |
| Unit Size Range | $730-1594$ |
| Avg. Unit Size | 1,059 |
| Avg. Rent/Unit | $\$ 780$ |
| Avg. Rent/SF | $\$ 0.74$ |
|  |  |
| Net SF | 187,408 |
|  |  |
| Physical Data | Brick/HardiePlank |
| Construction Type | Assumed Adequate |
| Electrical | Assumed Adequate |
| HVAC | $3 / 4$ |
| Stories | Trash Collection |
| Utilities with Rent | Patios/Balconies, Security System, Washer/Dryers |
| Unit Amenities | Outdoor Pool, Clubhouse, Exercise/Fitness, Playgrounds |
| Project Amenities | Surface |
| Parking | 2009 |
| Year Built | Good |
| Condition |  |

## Remarks

Ashley Collegetown, Phase II Apartments is a 177-unit, Class-B, mixed-income apartment development, built in 2009. The unit mix consists of one-, two- and three bedroom floor plans ranging in size from 730 to 1,594 square feet with an average unit size of 1,059 square feet. Complex amenities (for the overall Collegetown development) include a two-story leasing/management office with business center and fitness center, a swimming pool and several playgrounds and outdoor common areas. The property is currently $95 \%$ occupied and $96 \%$ pre-leased. The subject is in average to good condition. The subject is a mixedincome property that includes PBRA, public housing, tax credit, and market rate units. Currently, there are no specials being offered.

Improved Sales


[^5]Multi-Family Sale No. 1


## Property Identification

Record ID
Property Type
Property Name
Address
Tax ID
Sale Data
Grantor
Grantee
Sale Date
Deed Book/Page
Property Rights
Marketing Time
Conditions of Sale
Financing
Sale History
User 4
Sale Price
Cash Equivalent
Land Data
Land Size

205
Garden
Ellington Woods
1359 Beaver Ruin Road, Norcross, Gwinnett County, Georgia 30093
R6184-005

GA 1359 Beaver Ruin Road
Beaver Ruin Road Apartments LLC
March 28, 2013
52118-57
Fee Simple
6 months
REO Bankruptcy Sale
20\% Down
Foreclosed 6/5/2012
Sold \$13,750,000 12/21/2006
\$10,750,000
\$10,750,000
13.880 Acres or 604,613 SF

## Unit Mix

| Unit Type | No. of <br> Units | $\frac{\text { Size SF }}{}$ | $\frac{\text { Rent/Mo. }}{}$ | Mo. <br> Rent/SF |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $1 / 1$ | 33 | 783 | $\$ 650$ | $\$ 0.83$ |
| $1 / 1$ | 9 | 864 | $\$ 665$ | $\$ 0.77$ |
| $1 / 1$ | 35 | 890 | $\$ 692$ | $\$ 0.78$ |
| $1 / 1$ | 36 | 909 | $\$ 730$ | $\$ 0.80$ |
| $2 / 2$ | 27 | 1,100 | $\$ 775$ | $\$ 0.70$ |
| $2 / 2$ | 28 | 1,215 | $\$ 830$ | $\$ 0.68$ |
| $3 / 2$ |  | 1,440 | $\$ 980$ | $\$ 0.68$ |


|  | Multi-Family Sale No. 1 (Cont.) |
| :---: | :---: |
| Total Units | 180 |
| Avg. Unit Size | 1,049 |
| Avg. Rent/Unit | \$772 |
| Avg. Rent/SF | \$0.74 |
| Net SF | 188,757 |
| General Physical Data |  |
| No. of Buildings | 19 |
| Utilities with Rent | Trash Collection |
| Unit Amenities | Patios/Balconies, Fire places, Ceiling Fans, Vaulted Ceilings, Washer/Dryer Connections, Garages available |
| Project Amenities | Outdoor Pool, Outdoor Tennis, Laundry, Exercise/Fitness, Playground, gated access, business center |
| Year Built | 1997 |
| Income Analysis |  |
| Potential Gross Income | \$1,667,500 |
| Vacancy | \$133,400 |
| Effective Gross Income | \$1,534,100 |
| Expenses | \$855,000 |
| Net Operating Income | \$679,096 |
| Indicators |  |
| Sale Price/Net SF | \$56.95 |
| Sale Price/Unit | \$59,722 |
| Occupancy at Sale | 92 |
| PGIM | 6.45 |
| EGIM | 7.01 |
| Expenses/SF | \$4.53 Net |
| Expenses/Unit | \$4,750 |
| Expenses as \% of PGI | 51.27\% |
| Expenses as \% of EGI | 55.73\% |
| Overall or Cap Rate | 6.32\% |
| NOI/SF | \$3.60 Net |
| NOI/Unit | \$3,773 |
| Remarks |  |
| This property foreclosed because the owner declared bankruptcy. It was on the market for approximately six months. Expenses were reported at $\$ 4,750$ per unit. The cap rate was reported at $6.5 \%$, but that computation requires a higher than actual income expectation. Potential Gross Income is appraisergenerated based on reported lease rates. |  |
| The buyer owns a sister property and purchased this development because it felt it could capitalize on economies of scale and operate the complex profitably. |  |



## Property Identification

## Record ID

Property Type
Property Name
Address

936
Garden
Sterling Collier Hills (formerly Fernwood Apartments)
1760 Northside Drive, Atlanta, Fulton County, Georgia 30318

Sale Data
Grantor
Grantee
Sale Date
Deed Book/Page
Property Rights Marketing Time Conditions of Sale
Financing

Sale Price

Fernwood Atlanta, LLC
Grubb Properties, Inc.
December 28, 2012
52083/475
Fee Simple
4 Months
Arms Length
Conventional
\$9,150,000
\$10,080,000 Adjusted for capital improvement budget


## Remarks

This complex is located at the northwest corner of the Northside Drive interchange with Interstate 75 in Atlanta, Fulton County, GA. The 120-unit complex was built in 1986 on a 3.49 -acre site. It sold at a reported $6.00 \%$ cap rate and was $97 \%$ occupied at the time of sale.
The property has an excellent location but had poor visibility because of overgrown trees, poor signage and older fencing. Buyer felt there was room for higher rents even without updates. The buyer's budget for capital improvements at purchase was $\$ 930,000, \$ 500,000$ of which has been spent (as of May, 2013) on exterior upgrades and for landscaping, office and clubhouse. Interior upgrades will include new flooring (plank laminate and new carpet), updated paint colors, nickel hardware and new laminate countertops. Trailing twelve month rents were $\$ 777$ (average). Trailing three month rents were $\$ 807$ average. First quarter rents after acquisition were meeting proforma at $\$ 848$ average. The owner plans to push rents another \$50/\$60 per unit higher starting June 2013.

Multi-Family Sale No. 3


## Property Identification

Record ID
Property Type
Property Name
Address
Tax ID
Sale Data
Grantor
Grantee
Sale Date
Deed Book/Page
Property Rights
Marketing Time
Conditions of Sale
Financing
Sale History
User 4
Verification
Sale Price

## Land Data

Land Size
Avg. Unit Size
Net SF

898
Garden
Windmont (AKA Legacy Century Center)
100 Windmont Drive, Atlanta, DeKalb County, Georgia 30329
18-203-02-009

Deville Windmont Partners
CSP Clairmont, LLC
August 27, 2012
23223-765
Fee Simple
6 Months
Arms Length
Conventional
Sold for \$9,889,000 in August 2009
Sold for \$8,966,000 in January 2000
CoStar, Deed Record; Confirmed by Jon Reiss
\$11,850,000
6.780 Acres or 295,337 SF

842
149,960

Multi-Family Sale No. 3 (Cont.)
General Physical Data
Construction Type
Electrical
HVAC
Parking
Stories
Unit Amenities
Project Amenities
Year Built
Condition
Income Analysis
Effective Gross Incone
Expenses
Net Operating Income

Indicators

| Sale Price/Net SF | $\$ 79.02$ |
| :--- | :--- |
| Sale Price/Unit | $\$ 66,573$ |
| Occupancy at Sale | $96 \%$ |
| EGIM | 7.43 |
| Expenses/SF | $\$ 5.70$ Net |
| Expenses/Unit | $\$ 4,800$ |
| Expenses as \% of EGI | $53.57 \%$ |
| Overall or Cap Rate | $6.25 \%$ |
| NOI/SF | $\$ 4.94 \mathrm{Net}$ |
| NOI/Unit | $\$ 4,161$ |

## Remarks

This is the sale of a 178-unit, Class-B apartment complex located along Clairmont Road, in Atlanta, DeKalb County, GA. It was on the market for about six months prior to going under contract. It was reported that the property was $96 \%$ occupied at the time of sale and sold at a $6.25 \%$ cap rate with $\$ 4,800$ per unit in expenses. Property is in good condition.

Multi-Family Sale No. 4


Property Identification

Record ID
Property Type
Property Name
Address
Tax ID
Sale Data
Grantor
Grantee
Sale Date
Property Rights
Marketing Time
Conditions of Sale
Financing
Verification

Sale Price
Land Data
Land Size
Avg. Unit Size
Net SF
General Physical Data

| Construction Type |  |
| :--- | :--- |
| Electrical | HardiePlank |
| HVAC | Assumed Adequate |
| Parking | Assumed Adequate |
| Stories | Surface |
| Unit Amenities | 2 |
| Project Amenities | Patios/Balconies, Ceiling Fans, Washer/Dryer Connections |
|  | Outdoor Pool, Outdoor Tennis, Clubhouse, Laundry, Sports Court, |
| Year Built | Exercise/Fitness |
| Condition | 1999 |
|  | Good |

# Multi-Family Sale No. 4 (Cont.) 

Income Analysis
Net Operating Income

## Indicators

Sale Price/Gross SF
Sale Price/Unit
Occupancy at Sale
Overall or Cap Rate
NOI/SF
NOI/Unit
\$921,600
\$47.62
\$51,574
93\%
6.62\%
\$3.15 Gross
\$3,413

## Remarks

This is the sale of a 270-unit, Class-A/B apartment complex located along Webb Road in Riverdale, Clayton County, Georgia, in south metro Atlanta. The complex was built in 1999 and is in good condition. Financial indicators are based on the trailing 6 months income and expenses, inclusive of $\$ 300 /$ unit in reserves. It was on the market for six months at an asking price of $\$ 15,000,000$.

Multi-Family Sale No. 5


## Property Identification

Record ID
Property Type
Property Name
Address
Tax ID

Sale Data
Grantor
Grantee
Sale Date
Deed Book/Page
Property Rights
Marketing Time
Conditions of Sale
Financing
Verification

Sale Price

## Land Data

Land Size
Avg. Unit Size
Net SF

## General Physical Data

Construction Type
Electrical
HVAC

897
Garden
Walden Landing
11015 Tara Blvd., Hampton, Clayton County, Georgia 30228
06126C-A010

Walden Capital Group
Triangle Real Estate Walden, LLC
February 01, 2012
10068-0097
Fee Simple
4 Months
Arms Length
Conventional
Sean Henry - ARA; 404-495-7308, November 21, 2012; Other sources: CoStar, Public Records, Confirmed by Jon Reiss
\$13,000,000
30.000 Acres or 1,306,800 SF

1,122
269,180

HardiePlank
Assumed Adequate
Assumed Adequate

|  | Multi-Family Sale No. 5 (Cont.) |
| :---: | :---: |
| Parking | Surface |
| Stories | 3 |
| Unit Amenities | Patios/Balconies, Ceiling Fans, Washer/Dryer Connections |
| Project Amenities | Outdoor Pool, Outdoor Tennis, Clubhouse, Laundry, Sports Court, Exercise/Fitness |
| Year Built | 2000 |
| Condition | Good |
| Income Analysis |  |
| Effective Gross Income | \$1,965,990 |
| Expenses | \$1,104,710 |
| Net Operating Income | \$861,282 |
| Indicators |  |
| Sale Price/Gross SF | \$48.29 |
| Sale Price/Unit | \$54,167 |
| Occupancy at Sale | 91\% |
| EGIM | 6.61 |
| Expenses/SF | \$4.10 Gross |
| Expenses/Unit | \$4,603 |
| Expenses as \% of EGI | 56.19\% |
| Overall or Cap Rate | 6.63\% |
| NOI/SF | \$3.20 Gross |
| NOI/Unit | \$3,589 |

## Remarks

This is the sale of a 240 -unit, Class-A/B apartment complex located along Tara Blvd. in Hampton, Clayton
County, Georgia, in south metro Atlanta. The complex was built in 2000 and is in good condition.
Financial indicators are based on the trailing 12 months income and expenses, inclusive of reserves.

ADDENDUM + - QUALIFICATIONS

QUALIFICATIONS OF<br>INGRID OTT EVERSON, HUBER \& ASSOCIATES, LC<br>3535 Roswell Road, Suite 55<br>Marietta, Georgia 30062<br>(770) 977-3000, Ext. 314<br>E-mail: iott@ehalc.com

## EXPERIENCE

Appraiser with Everson, Huber \& Associates, LC, since September 2003. Appraisal assignments have been performed on many types of commercial real estate located throughout metro Atlanta and the southeastern United States. These property types include vacant land, apartments, HUD, agerestricted, PBRA and LIHTC apartments; medical buildings and cancer treatment centers, light manufacturing buildings, single- and multi-tenant office buildings, single- and multi-tenant warehouse/distribution buildings, hangars and airport-based businesses, golf resorts, entertainment complexes, shopping centers, residential subdivisions, mixed-use developments, youth therapeutic camps, residential treatment centers, schools, restaurants, shopping centers and freestanding retail buildings. Appraisal assignments have been prepared for financial institutions and owners.

## EDUCATION

Masters of Arts, Economic Geography, University of Georgia, Athens, Georgia
Bachelor of Business Administration, Major in Marketing and Distribution, University of Georgia, Athens, Georgia

Professional courses/tests by America's Real Estate Academy (This course fulfills the requirements of Chapter 539-2 under Rules and Regulations of the Georgia Real Estate Appraisers Board.):

Appraisal Principles
Appraisal Applications
USPAP
Appraisal Institute and professional courses/tests and seminars as follows:

| Course 310 | Basic Income Capitalization |
| :--- | :--- |
| Course 320 | General Applications |
| Course 330 | Apartment Appraisal: Concepts and Applications |
| Course 510 | Advanced Income Capitalization |
| Course 520 | Highest \& Best Use \& Market Analysis |
| Course 540 | Report writing and Valuation Analysis |

## CERTIFICATION

State Certified General Real Property Appraiser: State of Georgia - Certificate Number 265709

## PROFESSIONAL

Associate Member of the Appraisal Institute
Candidate for MAI Designation


# EVERSON, HUBER \& ASSOCIATES, LC 

3535 Roswell Road, Suite 55, Marietta, Georgia 30062
(770) 977-3000, Ext. 302

Fax: (770) 977-3490
E-mail: shuber@ehalc.com

## EXPERIENCE

Twenty-five years appraisal experience as an independent fee appraiser with regional and national firms based in Atlanta, Georgia. Partner of Everson, Huber \& Associates, LC since establishment in January 1995. Prior employers were CB Commercial Real Estate Group, Inc. - Appraisal Services (1991-1995), and McColgan \& Company, Inc. (1986-1991). Appraisals have been performed on virtually all types of commercial real estate located throughout the eastern portion of the nation. Property types appraised include apartments, condominiums, subdivisions, hotels, industrial, office, and retail. Numerous major and secondary markets have been visited, including such cities as Atlanta, Augusta, Birmingham, Charlotte, Charleston, Chattanooga, Cincinnati, Columbus, Columbia, Huntsville, Knoxville, Louisville, Macon, Memphis, Miami, Mobile, Montgomery, Nashville, Orlando, Raleigh, Richmond, Savannah, Tampa, Tallahassee, and Washington D.C. Appraisal assignments have been prepared for financial institutions, government entities, insurance companies, portfolio advisors, private investors, and owners.

## CERTIFICATION

Certified General Real Property Appraiser: State of Georgia - Certificate Number CG001350
Certified General Real Property Appraiser: State of Alabama - Certificate Number C00625
Certified General Real Property Appraiser: State of Tennessee - Certificate Number 3855

## EDUCATION

Bachelor of Science in Business Administration, Major in Finance, Bowling Green State University, Bowling Green, Ohio

Appraisal Institute courses and seminars completed are as follows:
Course 1A-1 Basic Appraisal Principles
Course 1A-2 Basic Valuation Procedures
Course 1B-A Capitalization Theory \& Techniques, Part A
Course 1B-B Capitalization Theory \& Techniques, Part B
Course 2-1 Case Studies in Real Estate Valuation
Course 2-2 Report Writing and Valuation Analysis
Course 410 Standards of Professional Practice, Part A (USPAP)
Course 420 Standards of Professional Practice, Part B
Seminar Rates, Ratios, and Reasonableness
Seminar Demonstration Appraisal Report Writing - Nonresidential
Seminar Computerized Income Approach to Hotel/Motel Market Studies and Valuations
Seminar Affordable Housing Valuation
Continuing education courses completed during last five years include:
2010-2011 National USPAP
Appraising And Analyzing Retail Shopping Centers For Mortgage Underwriting
Subdivision Valuation
Expert Witness Testimony
Business Practices And Ethics - Appraisal Institute
Appraiser Liability
Private Appraisal Assignments
Modular Home Appraising
Tax Free Exchanges
Valuation of Detrimental Conditions

## PROFESSIONAL

Associate Member of the Appraisal Institute



[^0]:    ${ }^{1}$ The Office of the Comptroller of the Currency under 12 CFR, Part 34, Subpart C-Appraisals, $434.42(\mathrm{f})$, August 24, 1990. This definition is compatible with the definition of market value contained in The Dictionary of Real Estate Appraisal, Fourth Edition, and the Uniform Standards of Professional Appraisal Practice adopted by the Appraisal Standards Board of The Appraisal Foundation, 2012-2013 edition. This definition is also compatible with the OTS, FDIC, NCUA, and the Board of Governors of the Federal Reserve System definition of market value.
    ${ }^{2}$ Source: The Dictionary of Real Estate Appraisal, Appraisal Institute, Fifth Edition, 2010.

[^1]:    ${ }^{1}$ Source: The Dictionary of Real Estate Appraisal, Appraisal Institute, Fifth Edition, 2010.

[^2]:    ${ }^{1}$ Class D buildings are characterized by combustible construction. The exterior walls may be made up of closely spaces wood or steel studs, as in the case of a typical frame house, with an exterior covering of wood siding, shingles, stucco, brick, or stone veneer, or other materials. Floors and roofs are supported on wood or steel joists or trusses or the floor may be a concrete slab on the ground. Upper floors or roofs may consist of wood or metal deck, prefabricated panels or sheathing. (Source: Marshall Valuation Service, January 2012, §1, p. 8)

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