

Town of Knightdale Staff Report Cover Sheet

- Title: ZMA-6-19: The Collection Planned Unit Development Rezoning
- Staff: Kevin Lewis, AICP, Senior Planner Current
- Date: August 19, 2020

#### PURPOSE

• The purpose of this staff report is to provide an overview of a Zoning Map Amendment request for a Planned Unit Development (PUD) to allow for a major subdivision in accordance with Sections 2.15.C and 15.6.C of the Unified Development Ordinance (UDO).

#### STRATEGIC PLAN PRIORITY AREA(S)

- Connected & Inclusive
- Sustainable
- Active & Healthy

#### **GENERAL STATUTE REFERENCE(S)**, *if applicable*

• North Carolina General Statutes § 160A-381

#### TYPE OF PUBLIC HEARING, if applicable

• Legislative

#### FUNDING SOURCE(S), if applicable

• N/A

#### ATTACHMENT(S)

- Application Packet
- PUD Document (including Neighborhood Meeting Information)
- Neighborhood Meeting Mailing Notification
- Ordinance #20-02-19-001

#### STAFF RECOMMENDATION

• It is staff's recommendation that Town Council approves the request to rezone 28.13 acres of the property identified by Wake County PINs 1754-63-5524, 1754-53-9404, 1754-53-7747, 1754-53-9814, and 1754-63-0926 from Rural Transition (RT) to General Residential 8 with a Planned Unit Development (GR8-PUD), adopts the forwarded advisory statement from LURB and staff regarding Comprehensive Plan consistency, and adopts Ordinance # 20-08-19-001.











Knightdale Strategic Priorities

**Connected & Inclusive** 

Sustainable

Active & Healthy



Title: ZMA-6-19: The Collection Planned Unit Development Rezoning
Staff: Kevin Lewis, AICP, Senior Planner – Current
Date: August 19, 2020 Director Signature: CH

Asst. Town Manger Signature: DT

Town Manager Signature: WRS

#### I. REQUEST:

Mr. Brad Rhinehalt, PE of McAdams Company has submitted an application on behalf of property developer Michael Foley of MF Development LLC, to rezone and develop the vacant parcels between Keith and Robertson Streets, identified by the Wake County PINs 1754-63-5524, 1754-53-9404, 1754-53-7747, 1754-53-9814, and 1754-63-0926, from Rural Transition (RT) to General Residential-8 (GR-8) with a PUD. The applicant has proposed to develop the 28.13 acre collection of parcels into a 92-lot single-family and townhome residential subdivision.

#### **II. PROJECT PROFILE:**

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PROPERTY LOCATION:	Five parcels between Keith and Robertson Streets
WAKE COUNTY PINs:	1754-63-5524, 1754-53-9404, 1754-53-7747, 1754-53-9814,
WARE COUNT I FINS.	and 1754-63-0926
CURRENT ZONING DISTRICT	Rural Transition (RT)
PROPOSED ZONING DISTRICT:	General Residential-8 (GR-8) Planned Unit Development (PUD)
NAME OF PROJECT:	The Collection
APPLICANT:	Brad Rhinehalt, PE of McAdams Company
PROPERTY OWNER:	Eugene and Wayne Harper
PROPERTY SIZE:	28.13 acres
PROPOSED DENSITY:	3.27 units per acre
CURRENT LAND USE:	Vacant/Formerly Agricultural
PROPOSED LAND USE:	Single Family Residential
PROPOSED OPEN SPACE:	$456,946 \text{ ft}^2/10.48 \text{ acres} (74,620 \text{ ft}^2/1.71 \text{ acres})$

#### **III. BACKGROUND INFORMATION:**

The Planned Unit Development District (PUD) is a re-zoning process which is designed to encourage master planning of development and to coordinate such development so as to manage the impacts of the development on the provision of Town Services and infrastructure. The PUD encourages creativity and innovation in the design of developments, but in return for this flexibility the expectation is for communities to provide exceptional design, character, and quality; provide high quality community amenities; incorporate creative design in the layout of buildings; ensure compatibility with surrounding land uses and neighborhood character; encourage the creation of mixed density neighborhoods, neighborhood nodes, and mixed use centers; further the goals of the KnightdaleNext 2035 Comprehensive Plan including the Growth Framework and Growth & Conservation maps; and provide greater efficiency in the layout and provision of roads, utilities, and other infrastructure.



There are several provisions which are required to be addressed by the applicant, including, but not limited to design guidelines and dimensional standards, public facilities, recreational open space, and Comprehensive Plan consistency. The applicant's specific exceptions are detailed in **Section VII** of this staff report.

#### **IV. PROJECT SETTING – SURROUNDING ZONING DISTRICTS AND LAND USES:**

The proposed rezoning includes five (5) parcels, located at the east of Keith Road and northwest of Robertson Road. The parcels are located within the Town's Extra Territorial Jurisdiction and require annexation.

DIRECTION	LAND USE	ZONING
North	Knightdale Station Park	OSP
South	Vacant	RT
East	Vacant	RT
West	Single Family Residential	RR-1 & GR-8





# Town of Knightdale





## Town of Knightdale Staff Report



View from Keith Street looking south.

#### V. PROPOSED MASTER PLAN:

The applicant has submitted a full Master Plan and PUD Document in accordance Section 16.6 of the UDO. The applicant is proposing a new 92 lot subdivision consisting of 13 front-loaded single-family dwellings measuring 60' wide, 44 rear-loaded single-family units with a 35' width, and 35 townhouses. As shown on the following site plan, Street "A" will be built by the developer as a Town Maintained Collector, and important connection required by the KnightdaleNext Street Network map. Additional amenities include a multi-use path to be incorporated into the Town's greenway system and shown on the KnightdaleNext Trails & Greenway map, a centrally located pocket park with active and passive components, sidewalks throughout, and ample on- and off-street parking.







#### STAFF SITE PLAN ANALYSIS:

Staff has reviewed the plan for consistency with the UDO and found the site plan to generally be in compliance with the provisions found within. The following items are being highlighted for Council review and further consideration.

#### VI. LEGISLATIVE CASE PROCEDURES:

Staff met with the development team in July 2019 to discuss the potential of a project at this location and worked with them through several preliminary sketch plan details. A Planned Unit Development rezoning is a legislative public hearing, which requires certain application procedures including having a pre-application meeting with staff, and holding a neighborhood meeting with any property owners within 200 feet of the outer boundaries of the subject development. Below is a timeline of the required elements.

- Pre-application Meeting: July 10, 2019
- Neighborhood Meeting Notices Mailed: August 16, 2019
- Neighborhood Meeting: August 27, 2019

The neighborhood meeting was held at the Knightdale Recreation Center located at 102 Lawson Ridge Road. Three interested neighbors attended the meeting, and inquired about stormwater impacts, phasing, buffers, traffic, and lot dimensions. No one spoke in opposition to the project. A copy of the mailed notice, list of recipients, and summary of the meeting are attached as part of the application packet.

Additionally, the Town of Knightdale followed public hearing notice requirements as prescribed in the North Carolina state statutes.

- First Class Letters Mailed: November 6, 2019
- Sign Posted On Property: November 8, 2019
- Legal Ad Published in N&O: November 8 & 15, 2019

Following the formal submittal and review of the proposed master plan, the applicant met with the Development Review Committee (DRC) on October 31, 2019 to discuss the technical comments and details associated with the proposed subdivision plan. There were some minor issues associated with the proposed plan, including the alignment of the proposed connector road, driveway length, parking, and landscaping. The DRC requested that the applicant provide a revised copy of the Master Plan and PUD Document, which is included as part of the enclosed application packet.

The DRC voted unanimously to **continue** The Collection Planned Unit Development pending the applicant addressing the review comments and Town Council approving the Rezoning request.

#### VII. PROPOSED PLANNED UNIT DEVELOPMENT:

In accordance with Section 15.6.C of the UDO, all standards and requirements of the corresponding General District shall be met. Staff has reviewed the major site elements and found the majority to be in compliance with all requirements of the Highway Business zoning district and UDO. Major site elements and their compliance statements are listed below.



- A. **Parking**: The applicant is not proposing any deviations from the parking requirements as found in Section 10.3 of the UDO.
- B. **Public Utilities/Water Allocation Policy:** The applicant is proposing to connect to public water and sewer. In accordance with Section 16.5.P of the UDO, the applicant is proposing to obtain the required 50 points with the following features:

	Points
Base Points - Major Residential Subdivision	15
Options to Obtain additional 35 points:	
Residential Architectural Standards	15
Outdoor Display of Public Art	4
IPEMA Certified Playground Equipment	4
Stormwater Wetland	5
Provision of On-Street Public Parking	4
10' Wide Multi-Use Path	2
Signage or Striping Improvements	1
Total Proposed:	50
(50 Points Required)	

C. Residential Architectural Standards: The proposed architectural standards are listed below. In addition to the proposed standards, the applicant is agreeing to adhere to the architectural standards in Sections 5.4, 5.7, and 5.8 of the UDO by including it in their WAP bonus point breakdown. Following the proposed standards are some examples of elevations from McKee Homes.

Single-Family Dwelling Architectural Standards

- 1. Single-family 2-story homes built on lots at least 60-feet wide will have a minimum of 2,000 square feet and 1-story homes on such lots will be a minimum of 1,600 square feet. Lots that are at least 60-feet wide will have front-loaded two car garages.
- 2. Single-family homes built on lots less than 60-square feet will have a minimum of 1,450 square feet and have alley-loaded garages with the exceptions that a maximum of 15% of such homes may be a minimum of 1,450 square feet.
- 3. All single-family homes shall be raised from the finished grade a minimum of 18" and shall have stem wall or raised slab foundations that shall be covered on all sides with brick or stone. Areas under porches may be enclosed with lattice.
- 4. All single-family homes with a crawl space will be wrapped in brick or stone on all sides.
- 5. All single-family homes will have a combination of two or more of the following materials on the front facade (not counting the foundation): stone, brick, lap siding,



fiber cement siding, shake or board and batten. All siding will be fiber cement. Vinyl may only be used for soffits, fascia, and comer boards.

- 6. All single-family homes will have a front porch with a minimum depth of five (5) feet. Front porch posts will be at least 6"x6".
- 7. Main roof pitches (excluding porches) for 2-story homes shall be at least 7:12.
- 8. There shall be a 12" overhang on every gable roof end.
- 9. Main roof pitches for 1-story and 1.5-story homes will be at least 6:12.
- 10. Garages for lots that are at least 60-feet wide will not protrude more than six (6) feet from the front porch or stoop and all garage doors shall over window inserts and hardware.
- 11. For every linear 30 feet (or fraction) of continuous side elevation, there shall be one window or door added to the side elevation. Any siding break on the side of the home such as a fireplace, porch, wall offset can be used as an alternative to a window or door.
- 12. Garages will not exceed 45% of the front facade width or will be split into two bays.

Townhouse Architectural Standards

- 1. All townhouse units will have alley-loaded two car garages.
- 2. All townhouse units shall be raised from the finished grade a minimum of 18" and have stem wall or raised slab foundations that shall be covered on all sides with brick or stone. Areas under porches may be enclosed with lattice.
- 3. All townhouse units will have a combination of two or more of the following materials on the front façade (not counting the foundation): stone, brick, lap siding, fiber cement siding, shake or board and batten. All siding will be fiber cement. Vinyl may be used for soffits, fascias, and corner boards.
- 4. Usable front porches shall be at least five (5) feet deep and extend more than 30% of the primary façade.
- 5. All townhouse units shall provide detailed design elements using at least one (1) of the features from each of the four categories below:
  - o Entrance
    - Recessed entry with 6" minimum width door trim
    - Covered porch with 6" minimum width pillars/posts/columns
  - Building Offset
    - Façade offset
    - Roofline offset
  - o Roof
    - Dormer
    - Gable



## Town of Knightdale

Staff Report

- Cupola/Tower/Chimney
- Decorative cornice of roof line (flat roof only)

And at least two (2) of the following elements:

- o Façade
  - Bay window
  - Balcony
  - Porch
  - Shutters
  - Window trim with 4" minimum width
  - Patterned finish (scales, shakes, wainscoting, brick, or stone)
- 6. There shall be a 12" overhang on every gable roof end.
- 7. Townhouse building walls shall be wood clapboard, cement fiber board or shingle, wood board and batten, brick, or stone.
- 8. Main roofs on townhouse buildings shall have a pitch between 6:12 and 12:12. Monopitch (shed) roofs are allowed only if they are attached to the wall of the main building. Monoptich roofs shall have a pitch of at least 3:12.
- 9. For every second and third story of the side elevations, there shall be a minimum of three windows added to the side elevation. Any siding break on the side of the home such as a fireplace or wall offset can be used as an alternate to a window. On the ground floor there shall be at minimum of one window on the side elevations.
- 10. The second and third stories of the rear elevation shall have either a balcony and door(s) or windows making up a minimum of 25% of the length of the rear elevation. The percentage is measured as the horizontal plane (lineal feet) containing a balcony and door(s) or windows divided by the total horizontal plane length.
- 11. No two townhome units in a building shall have the same exterior paint color scheme.
- 12. All townhomes shall be three (3) stories.

#### Staff Analysis

The proposed architectural standards are generally in line with other standards which have been approved by Town Council. The following item was recommended as a condition by the LURB. The applicant has agreed to this conditions.

1. All driveways shall be a minimum of 20-feet in length.



## Town of Knightdale Staff Report



1 Proposed Elevation - The Nelson II Knightdale Station



2 Proposed Elevation - The Beaufort Knightdale Station



## Town of Knightdale Staff Report



3 Proposed Elevation - The Potter Knightdale Station



**4 Proposed Townhome Elevations** 



# Town of Knightdale



Front Elevation

**Rear Elevation Plan** 



Front Elevation

**Rear Elevation Plan** 

**5** Proposed Rear-Loaded Single-Family Elevations



D. **Programmed Open Space**: A number of proposed WAP bonus point items are addressed in the applicants Open Space plan, seen programmed below:



E. **Stormwater – Wetlands:** Wetlands exist on-site, according to analysis from NCDEQ, the applicant proposes to maintain and enhance wetland areas to protect the natural environment. The applicant is not proposing any deviation from the UDO requirements, found in Chapter 6, related to storm water management of the site, which shall meet town standards.



- F. **On-Street Parking**: Denser residential development patters often require additional on-street parking to serve residents and visitors. Approximately 20 on-street parking spaces are provided on proposed collector. Additional off-street parking has been provided in the alleys.
- G. **Stormwater Management:** The applicant is not proposing any deviation from the UDO requirements, found in Chapter 6, related to stormwater management of the site.
- H. **Lighting**: The applicant is not proposing any deviations from the lighting standards as found in Section 11.4 of the UDO.
- I. **Signage**: All site signage will be reviewed under a separate zoning review; however, the applicant is not proposing any deviations from the standards as found in UDO Section 12 for the GR-8 Zoning District.

#### **PROPOSED UDO EXCEPTIONS:**

In accordance with UDO Section 15.C.5, Planned Unit Development rezonings allow the applicant to request exceptions to certain standards identified in the General District (General Residential). These requests should be fair and reasonable, and the proposed alternate means of compliance should meet the spirit and intent of the UDO. The applicant's exception requests are as follows:

#### A. Permitted Building Type Ratio:

- **Required**: In accordance with UDO Section 2.7.B, the maximum number of Townhouse buildings in a GR development shall not exceed 30% of the total number of units.
- **Requested**: Townhomes within the proposal will comprise 41.24% of the total number of dwelling units.
- B. **Dimensional Requirements**: The applicant is proposing deviations from the dimensional stands as found in Section 2.7.B of the UDO for the GR-8 Zoning District. The proposals are highlighted below:
  - **Required:** In accordance with UDO section 2.7B, lots less than 80 ft. in width require alley/rear lane access, and driveways are require to be at least 35 feet long.
  - **Requested**: Due to site constraints, single-family dwelling units on lots 60 feet in width will be accessed via a driveway that connects to the fronting public right-of-way. Additionally, front- and rear-loaded single-family dwellings will be served by driveways that are a minimum length of 20' rather than the UDO requirement of 35".



- C. Mass Grading (Section 6.2.B):
  - **Required:** In accordance with UDO Section 6.2B, the initial clearing and grading is limited in new major subdivisions to "dedicated public rights-of-way and easements to installation of streets, utilities, and other infrastructure", except for subdivisions or sections of subdivisions lots less than 60' wide.
  - **Requested**: The ability to mass grade the proposed 13 front-loaded single-family dwellings which are 60' wide.
- **D.** Architectural Variations:
  - **Required:** Changes to the approved architectural standards above would need to be reviewed and approved by Town Council.
  - **Requested:** The staff may approve minor architectural variations of the specific requirements listed above provided that such minor variations meet the overall intent of these architectural standards and conform to the Comprehensive Plan and other adopted plans of the Town.

#### VIII. PUD DOCUMENT ANALYSIS

The applicant submitted a PUD document to support their Master Plan. The attached document gives the applicant an opportunity to describe the proposed development in more detail. The applicant included a description of their proposed architectural standards, proposed exceptions, and detailed open space programming, as seen above. It is staff's opinion that the document is well written, descriptive, and achieves the goal of promoting the overall vision of their proposed development.

#### IX. TRANSPORTATION ANALYSIS

As required by the UDO, a Traffic Impact Analysis (TIA) is required for any "proposed rezoning or Master Plan...if the nature of the proposed rezoning or development is such that the number of trips it can be expected to generate equals or exceeds 150 new peak hour trips (Sec 9.4.B.1)". Staff requested the applicant conduct an initial Trip Generation report to determine the number of peak hour trips this proposal is expected to generate. That report indicated the weekday AM peak hour trips to be 61 and PM trips to be 80. Based on these numbers, staff did not request any further analysis.

The applicant is also required to conform to the Connectivity Index (9.5.G), which is used "to determine the adequacy of street layout design", and compares the links (road sections between intersections) and nodes (intersections) of the proposed development. A perfect grid has a Connectivity Index of 2.00. Proposed developments in the GR zoning district are required to have a minimum index of 1.40; The Collection has an index of 1.42.

Staff review of the proposed development and supplemental information find a number of transportation improvements which have the potential to improve conditions off-site and provide for safe movement within the neighborhood. The developer shows turn lanes on Robertson Road which shall feed into the neighborhood, reducing the risk for those traveling past and to the development. Pedestrian improvements on-site include sidewalks or multi-use paths on both sides of the proposed roads, with high-visibility crosswalks at all intersections. On-street parking along the proposed collector road (Street "A") will also aid in improving pedestrian safety by reducing speed and creating a buffer between traffic and those using the sidewalk.



#### **<u>X: COMPREHENSIVE PLAN:</u>**

When the 2035 Comprehensive Plan was being drafted, it was determined that the document should take a playbook approach that would be based on existing conditions that might change over time. As such, the categories as part of the growth and conservation map were based on particular characteristics that would be likely in 2035. The subject property is designated to be "Mixed-Density Neighborhood" as a placetype.



The Mixed-Density Neighborhood placetype is defined as follows:

"Mixed-density neighborhoods are formed as subdivisions or communities with a mix of housing types and densities. Homes are oriented to the interior of the site and are typically buffered from surrounding development by transitional uses, preserved open space, or landscaped areas. Lots along the perimeter of a new neighborhood should be sensitive to the density observed along the perimeter of an adjacent neighborhood in terms of size and scale (by providing a transition). Small blocks and a modified grid of streets support a cohesive, well-connected community.

All new mixed-density neighborhoods incorporate a comprehensive network of open space throughout to accommodate small parks, gathering places and community gardens; preserve tree stands; and help reduce stormwater runoff."



Other elements of the proposal that address the items included in the Comprehensive Plan include:

**Construction of a Town-Maintained Collector** (labeled Street "A" on site plan) to include on-street parking, street trees, and pedestrian connectivity through the site, as shown on the **Street Network** map.



**Construction of a 10' wide Multi-Use Path** along Keith Street and Street "A" as shown on the **Trails & Greenway** map.





#### CONSISTENCY WITH THE COMPREHENSIVE PLAN:

North Carolina General Statute 160A-383 requires that **prior to** adoption or rejecting any zoning amendment, the governing board shall adopt a statement describing whether its action is consistent with an adopted comprehensive plan and explaining why the board considers the action to be reasonable and in the public interest.

It is staff's opinion that, should the staff recommended conditions be approved, the proposed Master Plan and PUD is consistent with the KnightdaleNext 2035 Comprehensive Plan, and the following guiding principle categories would be applicable to this request.



#### INFILL DEVELOPMENT AND REDEVELOPMENT

Promote infill development and redevelopment activities for vacant and under-utilized areas of Knightdale. In doing so, prioritize the transformation of older properties throughout Town that might not be economically-viable in the future (such as declining retail shopping centers).

**Infill Development and Redevelopment** – The proposed development is located less than 500' from Old Town and adjacent to Knightdale Station Park. It is within a Target Investment Area shown on the Growth Framework map.



#### NATURAL ENVIRONMENT

Promote and expand opportunities for people to experience natural settings in Knightdale and surrounding Wake County, increase their proximity to multiple recreational opportunities, and enjoy a safe and healthy lifestyle. Safeguard the Town's natural resources including lakes, streams, wetlands, woodlands, trails, agricultural lands, tree canopy, and the services they provide. Strive to create interconnected green spaces that conserve these areas, provide recreational linkages, protect water quality and quantity, and celebrate nature as a centerpiece of the Town's identity and sense of place.

**Natural Environment** – To meet the requirements of UDO Chapter 6, the applicant proposes to protect wetlands, ponds, and other environmental features unique to the site.



#### COMPACT DEVELOPMENT PATTERNS

Guide future growth into more compact and efficient development patterns that will help manage the timing, location, and magnitude (length and size) of expensive infrastructure investments. Prioritize infill development and redevelopment in identified activity centers over continued green field development patterns, and use public infrastructure investments in the activity centers to encourage and leverage future private investments. Acknowledge that increased densities and intensities, and a mix of residential and nonresidential uses, will be needed in the activity centers to accommodate anticipated Town growth. Activity centers added to the Growth and Conservation Map in the future should reflect orderly and incremental growth patterns away from existing and identified activity centers in the 2035 KnightdaleNext Comprehensive Plan.



**Compact Development Patterns** – The site is oriented inward, with larger lots acting as a buffer between existing development and the compact interior of the site.

#### GREAT NEIGHBORHOODS AND EXPANDED HOME CHOICES



Promote distinct, safe, and vibrant neighborhoods throughout Knightdale that provide greater access to a range of housing choices people need at different stages of their life, including young adults, families, empty-nesters, retirees, seniors, and people of different income levels. Housing opportunities should include single family homes of all sizes, townhomes, apartments, condominiums, senior living units, live-work units, and accessory dwelling units. New neighborhoods should mix two or more housing choices into one community. Strong neighborhoods and a diverse housing strategy will make Knightdale a more livable community—one where residents can live their entire lives.

**Great Neighborhoods and Expanded Home Choices** – The proposed development will include 13 frontloaded single-family dwellings at 60' wide, 42 rear-loaded single-family dwellings at 35' wide, and 35 townhouse units. Additionally, the centrally located open space area is programmed with different features for all prospective residents.



#### PARKS AND RECREATION

Promote and expand opportunities where people can be more involved in an active community lifestyle represented, in part, by the presence of highquality parks, public spaces and recreation facilities located near where people live and work, and the bicycle and pedestrian connections between them.

**Parks and Recreation** – The proposed development is located within walking distance of Knightdale Station Park.

#### XI. JOINT PUBLIC HEARING SUMMARY:

A Joint Public Hearing was held at the November 20, 2019 Town Council meeting, where staff introduced the case. A representative from the development team also gave a short presentation, however no one from the general public spoke in favor or against the project. There were no questions from Town Council or LURB members for staff or the development team.



#### XII. LAND USE REVIEW BOARD SUMMARY:

The LURB considered this item at its December 9, 2019 meeting. After staff presented an overview of the proposed rezoning request, LURB members asked questions regarding driveway length and elevations. The LURB then voted unanimously, 5-0, to recommend approval of ZMA-6-19 with staff recommended conditions (seen below) and forwarded the following advisory statement.

"The proposed Zoning Map Amendment is consistent with the KnightdaleNext 2035 Comprehensive Plan as it addresses several of the guiding principles including encouraging infill development & redevelopment, providing great neighborhoods & expanded home choices, supporting parks & recreation, promoting compact development patterns, and sustaining the natural environment. It is further consistent with the General Growth Framework, Growth & Conservation, Street Network, and Trails & Greenway Maps. The request is also reasonable and in the public interest as it aids in developing a vibrant, sustainable, and safe community design in which people desire to live, work, and visit."

#### Staff Recommended Conditions:

1. All driveways shall be a minimum of 20-feet in length. The applicant has agreed to this condition.

#### XIII. STAFF RECOMMENDATION:

It is staff's recommendation that Town Council approves the request to rezone 28.13 acres of the property identified by Wake County PINs 1754-63-5524, 1754-53-9404, 1754-53-7747, 1754-53-9814, and 1754-63-0926 from Rural Transition (RT) to General Residential 8 with a Planned Unit Development (GR8-PUD), adopts the forwarded advisory statement seen below from LURB and staff regarding Comprehensive Plan consistency, and adopts Ordinance # 20-08-19-001.

"The proposed Zoning Map Amendment is consistent with the KnightdaleNext 2035 Comprehensive Plan as it addresses several of the guiding principles including encouraging infill development & redevelopment, providing great neighborhoods & expanded home choices, supporting parks & recreation, promoting compact development patterns, and sustaining the natural environment. It is further consistent with the General Growth Framework, Growth & Conservation, Street Network, and Trails & Greenway Maps. The request is also reasonable and in the public interest as it aids in developing a vibrant, sustainable, and safe community design in which people desire to live, work, and visit."



### TOWN OF KNIGHTDALE

DEVELOPMENT SERVICES DEPARTMENT

www.knightdalenc.gov

950 Steeple Square Court Knightdale, NC 27545 (v) 919.217.2243 (f) 919.217.2249

#### MASTER PLAN

In accordance with Development Process outlined in Chapter 15 of the Unified Development Ordinance, Master Plan submittals are required for all Site Plans, Major Subdivisions, Special Use Permits, and Conditional Districts. Completed applications shall include all of the submittal requirements included on Page 2 of this package, and must be submitted in accordance with the schedule established by the Development Services Department. Approval of the Master Plan is not an authorization to begin site construction.

PROJECT INFORMATIO	N			
PROJECT NAME:	The Collection			
PROJECT ADDRESS:	0, 610, & 614 Keith Street, 0 Ferrll Street, 0 Knightdale Eagle Rock Road			
WAKE COUNTY PIN(s):				
PROPOSED USE:	Single-Family and Tov	wnhome Re	sidential	
PROPOSED SQ. FT.;	PROPOSED LOT		DENSITY (DWELLING/ACRE):	3.19
ZONING DISTRICT:	GR8 (PUD) SITE ACRES:	28.1	3 INSIDE CORPORATE LIMITS:	Partially
<u>CONTACT INFORMATIC</u> APPLICANT: ADDRESS:	DN Brad Rhinehalt, PE - McAdams 2905 Meridian Parkway Durham NC 27713	PHONE: S EMAIL:	)19-361-5000 FAX: rhinehalt@mcadamsco.com	1
SIGNATURE:				
	Euguene Harper 4113 Brewster Drive	PHONE:	FAX:	
ADDRESS:	Raleigh NC 27606			
	Raleigh NG 27000	FMAIL:	H =	
	DocuSigned by:	LIVIAIL.		
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DEVELOPER:	Michael Foley		19)231-550 / FAX: (877	1220-14
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		EMAIL:	Mike Chumaball	1.60m
SIGNATURE:	N Lill	foley		
	THIS SPACE FOR DEVELO	OPMENT SERVICE	S STAFF ONLY	
CASE NUMBER:	19 SUBMITTAL DATE: 10/1		X-REFERENCE(s):	
FILING FEE: Receipt #1	53564 SKETCH PLAN MEETING	DATE:		



### TOWN OF KNIGHTDALE

DEVELOPMENT SERVICES DEPARTMENT

www.knightdalenc.gov

950 Steeple Square Court Knightdale, NC 27545 (v) 919.217.2243 (f) 919.217.2249

#### SUBMITTAL REQUIREMENTS

NO APPLICATION SHALL BE ACCEPTED BY THE LAND USE ADMINSTRATOR UNLESS IT CONTAINS ALL OF THE INFORMATION NECESSARY TO DETERMINE IF THE DEVELOPMENT, IF COMPLETED AS PROPOSED, WILL COMPLY WITH ALL OF THE REQUIREMENTS OF THE UNIFIED DEVELOPMENT ORDINANCE. APPLICATIONS WHICH ARE NOT COMPLETE WILL BE RETURNED TO THE APPLICANT WITH A NOTATION OF DEFICIENCIES.

THE FOLLOWING ARE TO BE SUBMITTED AT THE TIME OF INITIAL SUBMITTAL. FAILURE TO SUBMIT ALL ITEMS WILL RESULT IN DELAY OF YOUR APPLICATION. APPLICATIONS ARE TO BE RECEIVED BY 5 PM ON THE SUBMITTAL DEADLINE DATES ESTABLISHED BY THE DEVELOPMENT SERVICES DEPARTMENT.

- COMPLETED APPLICATION FORM. Application must be signed by the applicant and the property owner.
- PROCESSING FEE: The fees below are for the Master Plan based on the type of permit being requested. Fees are exact and not rounded up. Master Plans that accompany a request for conditional district will require a separate application and filing fee for Zoning Map Amendment (Re-zoning):

	SITE PLAN:	SPECIAL USE PERMIT or
		CONDITIONAL DISTRICT:
NON-RESIDENTIAL	\$300 plus \$50 per acre	\$600
RESIDENTIAL	\$300 plus \$50 per acre	See Master Plan fee
MODIFICATION		\$600

Master Plan submittals are fully electronic. Please send all documentation electronically.

- Site/civil/landscape plans must be to engineering scale (1" = 20', 1" =50', etc.). Lighting and Landscaping should be
  included within the Master Plan set, if required. See Page 3 of this application package for data to be included on the
  Master Plan.
- Please include any proposed or existing deed restrictions or owners association documents.
- MASTER PLANS REQUIRING PUBLIC HEARINGS (SPECIAL USE PERMITS OR CONDITIONAL DISTRICTS):
  - LIST OF PARCEL IDENTIFICATION NUMBERS AND OWNERS (with their mailing addresses) of all parcels
    adjoining, including across the street from, and within 200 feet, the parcel(s) making up the proposed
    development site.
  - STAMPED, PRE-ADDRESSED BUSINESS ENVELOPES for the applicant, the property owner and each owner on above list with return address reading: Town of Knightdale Development Services Department, 950 Steeple Square Court, Knightdale, NC 27545.

The Master Plan shall be drawn to the following specifications and must contain or be accompanied by the information listed below. All plans shall be submitted at a scale not less than one (1) inch = 50 feet unless otherwise authorized by the Administrator. No processing or review of a Master Plan will proceed without all of the following information:

- The boundary, as determined by survey, of the area to be developed with all bearings and distances shown and the location within the area, or contiguous to it, of any existing streets, railroad lines, perennial streams, wetlands, easements or other significant features of the tract.
- Scale denoted both graphically and numerically with north arrow.
- A vicinity map at a scale no smaller than one (1) inch equals 1,200 feet showing the location of the subdivision with respect to adjacent streets and properties.



#### TOWN OF KNIGHTDALE

DEVELOPMENT SERVICES DEPARTMENT

www.knightdalenc.gov

950 Steeple Square Court Knightdale, NC 27545 (vi 919.217.2243 (f) 919.217.2249

- The location of proposed buildings, parking and loading areas, streets, alleys, easements, lots, parks or other open spaces, site reservations (i.e. school sites), property lines and building setback lines with street dimensions, tentative lot dimensions and the location of any building restriction areas (i.e. flood hazard areas, buffer locations, watershed protection districts, and/or jurisdictional wetlands). Site calculations shall include total acreage of tract, acreage in parks and other non-residential uses, total number and acreage of parcels and the total number of housing units.
- Calculations for required and proposed Recreational Open Space.
- The proposed name of the development; street names; the owner's name and address; the names of adjoining subdivisions or property owners; the name of the Township, county, and state in which the development is located; the date of plan preparation and the zoning classification of the tract to be developed along with those of adjoining properties.
- Corporate limits and extra-territorial jurisdiction boundaries (where applicable).
- Typical cross-sections of proposed streets. Where a proposed street is an extension of an existing street, the profile of
  the street shall include 300 feet of the existing roadway with a cross-section of the existing street. Where a proposed
  street within the development abuts a tract of land that adjoins the development and where said street may be
  expected to extend into said adjoining tract of land, the profile shall be extended to include 300 feet of the said
  adjoining tract.
- The proposed limits of construction for all proposed development activity.
- A timetable for estimated project completion for each phase proposed.
- Original contours at intervals of not greater than two (2) feet for the entire area to be subdivided and extending into
  adjoining property for a distance of 300 feet at all points where street rights-of-way connect to the adjoining
  property and 50 feet at all other points of common project boundaries. Wake County or Town of Knightdale digital
  topography may be used to satisfy this requirement but should be field-verified to ensure accuracy. This requirement
  may be waived for developments smaller than one (1) acre or where insufficient topographic changes warrant such
  information.
- 2-D utility plan showing location of sanitary sewer lines, water distribution lines, storm sewer lines, manholes, cleanouts, fire hydrants, fire lines, valves, underground private utilities, backflow prevention devices showing make and model, meters and pipe sizes. If applicable, also well and septic locations, force mains, and pump stations.
- Supplemental Plans as applicable: Landscape Plan in accordance with Section 16.8(A) Lighting Plan in accordance with Section 16.8(B) Traffic Signs & Markings Plan in accordance with Section 16.8(C) Architectural Plans in accordance with Section 16.8(D) Stormwater Management Plan in accordance with Section 16.8(E) Traffic Impact Analysis (if required) in accordance with Section 16.9 Wake County Public Schools - Residential Development Notification Submission <u>https://arcg.is/CKbv5</u>

In addition to the above required information, the following additional information may be required by the Administrator, the Land Use Review Board or the Town Council on a discretionary site-specific basis:

- Environmental Impact Statement, pursuant to Article 113A of the North Carolina General Statutes if: (i) the development exceeds 2 acres in area; and (ii) the Land Use Review Board deems it necessary due to the nature of the land or peculiarities in the proposed design.
- Development Permit and Certification application with supporting documentation as required by the Knightdale Flood Damage Prevention Ordinance in Chapter 6.



#### PLANNED UNIT DEVELOPMENT APPLICATION

In accordance with Unified Development Ordinance Section 2.16, a Planned Unit Development (PUD) is a type of Planned Development District (PDD) that encourages master planning of development and to manage such development with the impacts of the development on the provision of Town services and infrastructure. Completed applications shall include all of the submittal requirements included on Page 2 of this application and on the corresponding application checklist. Applications must be submitted in accordance with the schedule established by the Development Services Department.

PROJECT INFORMATION		PLANNED UNIT DEVELOP	MENT	
PROJECT ADDRESS:	4.	o, 610 & 614 Keith Street, o Ferrell Street, o Knightdale Eagle Rock Road		
WAKE COUNTY PIN(s):			54539814, 1754630926, 1754635524	
PROPOSED PROJECT NAME:		The Collection	51555 11 751 2 5 1 751 5 5	
PROPOSED USE:		Single-Family and Townhor	me Residential	
PROPOSED SQ. FT.:		N/A	TOWN LIMITS/ETJ:	Both
CURRENT ZONING DIS	STRICT	RT	PROPOSED ZONING DISTRICT:	GR8 (PUD)
PROPOSED LOTS:		55 SF, 35 TH	DENSITY (DWELLING/ACRE):	3.19
CONTACT INFORMAT				
APPLICANT:		rlie Yokley, AICP – McAdams		
		dian Parkway Durham NC 27;		
PHONE:	919-361-5	000	EMAIL: yokley@mcadamsco	.com
SIGNATURE:				
PROPERTY	Eugene H	24204		
		vster Drive Raleigh NC 27606		
	4113 DIEW	ister Drive Raleigh NC 27000	EMAIL:	
PHONE:	Docu	Signed by:		
SIGNATURE	0	ne Jutson Haspes	10/7/2019   07:16 AM	EDT
	FAFC	805AFE6C497		
DEVELOPER:	Michael F	1 1 1	101 1	R. Deres 10
ADDRESS:				2130V
PHONE: 1919/25/2501 EMAIL: Mike Chumabuilt.com				
SIGNATURE	p	failed of	dey	
			MENT SERVICES STAFF ONLY	
	PUD		/14/19 X-REFEREN	NCE(s):
FILING FEE: Receipt #	153564	SKETCH PLAN MEETI DATE:	NG	



#### SUBMITTAL REQUIREMENTS

NO APPLICATION SHALL BE ACCEPTED BY THE LAND USE ADMINSTRATOR UNLESS IT CONTAINS ALL OF THE INFORMATION NECESSARY TO DETERMINE IF THE DEVELOPMENT, IF COMPLETED AS PROPOSED, WILL COMPLY WITH ALL OF THE REQUIREMENTS OF THE UNIFIED DEVELOPMENT ORDINANCE. APPLICATIONS WHICH ARE NOT COMPLETE WILL BE RETURNED TO THE APPLICANT WITH A NOTATION OF DEFICIENCIES.

THE FOLLOWING ARE TO BE SUBMITTED AT THE TIME OF INITIAL SUBMITTAL. FAILURE TO SUBMIT ALL ITEMS WILL RESULT IN DELAY OF YOUR APPLICATION. APPLICATIONS ARE TO BE RECEIVED BY 5 PM ON THE SUBMITTAL DEADLINE DATES ESTABLISHED BY THE DEVELOPMENT SERVICES DEPARTMENT.

- COMPLETED APPLICATION FORM. Application must be signed by the applicant and the property owner.
- **PROCESSING FEE**: The fees below are based on the type of application being submitted. Fees are exact and not rounded up. Master Plans that accompany a request for conditional district will require a separate application and filing fee for Zoning Map Amendment (Re-zoning). Fee are subject to change July 1 of each year.

	MASTER PLAN:	SPECIAL USE PERMIT or CONDITIONAL DISTRICT:	PLANNED UNIT	COMMERCIAL SITE PLAN
NON- RESIDENTIAL	\$300 plus \$50 per acre	\$600	\$600	\$250 plus \$50 per acre
RESIDENTIAL	\$300 plus \$50 per acre	See Master Plan fee	\$600	

All plan submittals are electronic. Please send all documentation via email or a file sharing service.

For additional submittal requirements, refer to the corresponding checklist based on application type.



#### PLANNED UNIT DEVELOPMENT APPLICATION CHECKLIST

	TO BE COMPLETED BY APPLICANT	YES	N/A
PR	E-SUBMITTAL REQUIREMENTS		
1. P	re-Application Conference	Z	
2. S	ketch Plan Approval	Z	
3. N	leighborhood Meeting in accordance with UDO Ch.15.3.C	$\square$	
SU	BMITTAL REQUIREMENTS		
1. (	ompleted Application		
2. F	Processing Fee	$\square$	
3. F	ublic Hearing Postage Fees		
4.	Vake County Public Schools Residential Development Notification, if applicable Dave, on the		
5. T	raffic Impact Analysis, if applicable Teste GEN ATTACHED		R
SU	BMITTAL SPECIFICATIONS		
1,	<b>Neighborhood Meeting Report</b> : The report must include a list of those persons and organizations contacted about the neighborhood meeting, the date, time, and location of the meeting, a roster of the persons in attendance at the meeting, and a summary of issues discussed at the meeting; including a description of how the applicant proposes to respond to neighborhood concerns or changes made as a result of the meeting.	Z	
2.	Vision and Intent Statement: (reference UDO Ch. 2.15.C)	R	
3.	Unified Development Ordinance Consistency: Provide a statement of consistency with the UDO. Any variation from the UDO must be explained and alternate means of compliance provided.	Z	
4.	<b>Comprehensive Plan Consistency:</b> Provide a statement of consistency with the adopted KnightdaleNext 2035 Comprehensive Plan		
5.	<b>Design Guidelines:</b> Provide a comprehensive list of proposed design guidelines that demonstrate the project will be appropriate within the context of the surrounding properties and the larger community. This includes architectural elevations <b>rep</b> resentative of the proposed structures.	Ø	
6.	<b>Zoning Designation:</b> Include a request for a zoning designation that matches the proposed density (reference UDO Ch. 2)		
7.	<b>Boundary &amp; Significant Feature Survey</b> : The boundary, as determined by survey, of the area to be developed with all bearings and distances shown and the location within the area, or contiguous to it, of any existing streets, railroad lines, perennial streams, wetlands, easements or other significant features of the tract		
8.	Scale & North Arrow: Scale denoted both graphically and numerically with north arrow	V	
9.	Vicinity Map: A vicinity map at a scale no smaller than 1 inch equals 1,200 feet showing the location of the PUD with respect to adjacent streets and properties		



1. Water Allocation Policy Compliance		10		
ADDITIONAL REQUIREMENTS				
19. Stormwater Management: A generalized stormwater management plan (reference UDO Ch. 6	5)			
18. Phasing Plan: This is required if more than one phase is proposed. In mixed-use proposals the n residential component shall be phased in association with a percentage of the total residential u not to exceed 75%. Phasing must be consistent with the installation of public infrastructure improvements.	ion- units			
17. Public Facilities: PUDs require all necessary infrastructure improvements to provide adequate transportation, water, sewer, and all other infrastructure improvements required by UDO Ch. 17	, Ø			
16. Signs: Signs shall meet the criteria of UDO Ch. 12, except in cases where variations would meet general spirit and intent of the UDO.	the			
15. Landscaping: Tree protection and landscaping shall meet the criteria of UDO Ch. 8, except in ca where variations would meet the general spirit and intent of the UDO.	ases 📈			
14. Recreational Open Space: All open space shall be provided as required in UDO Ch. 7. Any variation shall provide the same area of open space and must be consistent with the general spirit and int of the UDO.	tion cent			
13. <b>Transportation</b> : Show all major streets and any collector/arterials required, as well as connectiv adjacent parcels. Any modifications to street sections or request for modified street sections sh included (reference: UDO Ch. 9 and Ch. 17)	vity to all be			
12. Dimensional Standards: Description of dimensional standards and any modifications to the generative regulations (reference UDO Ch. 2)	al use			
11. General Layout Map: A map delineating the boundaries of proposed uses and building types. This n should include descriptive conditions indicating the use, density, and building type of each distinct of the proposed district.	nap area			
10. Site Data: Calculations must Include total acreage, acreage in parks and other non-residential u total number and acreage of parcels, and the total number of housing units	uses,			

See UDO Chapters 2.15 and 16.5 for additional description of all requirements



## THE COLLECTION

Planned Unit Development Town of Knightdale Draft Plan I Case #ZMA-6-19 October 14th, 2019

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## THE COLLECTION

Planned Unit Development Prepared for The Town of Knightdale

#### **Submittal Dates**

First Submittal:	October 14, 2019
Second Submittal:	November 6, 2019
Third Submittal:	January 24, 2020
Fourth Submittal:	July 7, 2020
Fifth Submittal:	August 12, 2020

#### Developer

MF Development, LLC 5448 Apex Peakway #196 Apex NC 27502

**McAdams Company, Design Lead** 2905 Meridian Parkway Durham NC 27113









### VISION + INTENT

As stated in §2.15.C of the Knightdale Unified Development Ordinance, the Planned Unit Development District is designed to encourage master planning of development to coordinate such development so as to manage the impacts of the development on the provision of Town Services and infrastructure. The Planned unit Development encourages creativity and innovation in the design of development, but in return for this flexibility the expectation is for communities to:

- <sup>5</sup> Provide exceptional design, character, and quality;
- <sup>5</sup> Provide high quality community amenities;
- <sup>5</sup> Incorporate creative design in the layout of buildings;
- 5 Ensure compatibility with surrounding land uses and neighborhood character;
- <sup>5</sup> Ensure the creation of mixed density neighborhoods, neighborhood nodes, and mixed use centers;
- <sup>5</sup> Further the goals of the Comprehensive Plan including the growth framework and growth and conservation map;
- <sup>5</sup> Provide greater efficiency in the layout and provision of roads, utilities, and other infrastructure.



## THE COLLECTION PLANNED UNIT DEVELOPMENT MEETS THE STATED VISION AND INTENT OF THE PLANNED UNIT DEVELOPMENT:

#### Provide exceptional design, character, and quality:

Homes within The Collection will meet the architectural design requirements from Chapter 5 of the Knightdale UDO. The design of The Collection is focused on the built environment, creating interesting places and spaces, and the interaction between the public and private realms which, collectively, will create a subdivision with exceptional character.

#### Provide high quality community amenities:

The Collection is focused around a central pocket park that is designed to accommodate multiple uses and users. The pocket park will provide walking trails and other amenities but is designed to be a flexible space for a variety of activities and functions. This pocket park will serve as a central gathering area for residents, provide space for outdoor play and sports, and will be planted with enhanced landscaping to create a natural open space for the general enjoyment of all users.

#### Incorporate creative design in the layout of buildings:

The Collection is laid out in such a way that all buildings, no matter the specific type or size, are located within close proximity to one another and avoids a pod set-up that segregates different types of homes. This design will create a compact and cohesive development.

#### Ensure compatibility with surrounding land uses and neighborhood character:

The Collection is a residential development located in a residential area and is compatible with the surrounding land uses. The Collection will be a valuable addition to the Town of Knightdale, especially with its proximity to the Knightdale Station Park.

#### Ensure the creation of mixed density neighborhoods, neighborhood nodes, and mixed use centers:

The Collection is a mixed density neighborhood with a mix of lots sizes and housing types. Given the proximity to the Knightdale Station Park, The Collection will be a large part of completing the neighborhood in this area.

## Further the goals of the Comprehensive Plan including the growth framework and growth and conservation map:

The parcels on which the Collection is located are designated as Mixed-Density Neighborhood per the KnightdaleNext 2035 Comprehensive Plan. The Collection is designed to meet the standards of a Mixed-Density Neighborhood:

- <sup>5</sup> The homes are oriented to the interior of the site;
- <sup>5</sup> The development is buffered from surrounding land uses to create proper transitions;
- <sup>5</sup> Within The Collection, streets create a modified grid street network and small blocks to create a cohesive, well-connected community.

#### Provide greater efficiency in the layout and provision of roads, utilities, and other infrastructure:

The Collection is designed to be compact and efficient, and is laid out in such a way that no space is wasted or underutilized.





# **EXISTING CONDITIONS**

### **EXISTING CONDITIONS SUMMARY**

The Collection is located on 5 parcels in the eastern quadrant of the intersection of Keith Street and Robertson Street. The 5 parcels are identified with the following Wake County Property Identification Numbers: 1754537747, 1754539404, 1754539814, 1754630926, 1754635524. The parcels that comprise the Collection slope east and west from the center, which is the high point of the development. There are streams, ponds, and wetlands located within the boundaries of The Collection, all of which will be preserved during development. Stands of trees are located around the perimeter of the parcels to be developed, but most of the area was previously cleared for agricultural uses.
#### **EXISTING CONDITIONS**



#### CURRENT ZONING MAP









#### VEGETATION







#### PLANNED UNIT DEVELOPMENT MASTER PLAN

#### **DEVELOPMENT DETAILS**

The Collection is a 97-lot residential subdivision designed to the GR8 and Planned Unit Development standards of the Town of Knightdale Unified Development Ordinance. The Collection will provide a variety of housing choices for future residents as well as a well-designed and multi-functional central amenity. The Collection is located across railroad right-of-way from the Knightdale Station Park and is designed to compliment what will be a central gathering area for Knightdale citizens.

#### **DEVELOPMENT MIX**

	Number of units	Percentage of development
Front-loaded single family dwellings	13	13.40%
Rear-loaded single-family dwellings	44	45.36%
₅ Townhouses	40	41.24%



#### FRONT LOADED SINGLE-FAMILY DWELLINGS

#### MODIFICATIONS TO UDO STANDARDS

§2.7 of the Knightdale Unified Development Ordinance requires that any lot less than 80' in width be accessed via an alley or rear lane access. Due to site constraints, these dwelling units will be accessed via a driveway that connects to the fronting public right-of-way. To ensure that the homes are of high-quality and add to the vitality of The Collection and Knightdale as a whole, the applicant has offered enhanced architectural standards as a condition of the zoning approval.

To create an interesting streetscape and encourage interaction between the public and private realm, front-loaded single-family dwellings in The Collection will be served by driveways that are a minimum length of 20' rather than the UDO requirement of 35'.

#### FRONT LOADED SINGLE FAMILY DWELLING STANDARDS

- ₅ Minimum lot size
- ₅ Lot width
- ₅ Front setback (minimum)
- 5 Minimum driveway length
- ₅ Side setback
- ₅ Rear setback (minimum)
- 5 Maximum building height
- 7,500 sf 60'
- 10'
- 20'
  - 5' Minimum; 20% lot width aggregate (maximum)
  - 25'
  - 3 stories



Images are illustrative in nature and subject to change based on review and approval by the Land Use Administrator.

#### REAR LOADED SINGLE-FAMILY DWELLINGS

#### MODIFICATIONS TO UDO STANDARDS

In an effort to reduce the amount of impervious surface on the lots, and to increase the developable area on each parcel, rear-loaded single-family dwellings in The Collection will be served by driveways that are a minimum length of 20' rather than the UDO requirement of 35'.

#### REAR LOADED SINGLE FAMILY DWELLING STANDARDS

- ₅ Minimum lot size
- 5 Lot width
- ₅ Front setback (min)
- 5 Minimum driveway length
- ₅ Side setback (min)
- ₅ Rear setback (min)
- 5 Maximum building height
- ₅ Minimum driveway length

- 4,500 sf
- 35'
- 10' 20'
  - 3 1/2' Minimum; 7' aggregate
- 25'
- 3 stories 20'





ONE CARE GARAGE





SCALE 1/4"=1'-0"

Images are illustrative in nature and subject to change based on review and approval by the Land Use Administrator.

#### TOWNHOUSES

#### MODIFICATIONS TO UDO STANDARDS

§2.7.B of the Knightdale Unified Development Ordinance limits the maximum number of townhouse units in GR districts to 30% of the total number of dwelling units. Townhouses within The Collection will comprise 41% of the total number of dwelling units. To ensure that townhouses are high-quality construction, the applicant has offered enhanced architectural standards as part of the zoning approval. Additionally, all townhouses are located around the central pocket park, which will frame the pocket park with structures to create a more interesting space, and allow for informal monitoring of the amenity.

#### TOWNHOUSE DWELLING STANDARDS

5	Front setback (min)	0'
5	Front setback (max)	25'
5	Minimum driveway length	20'
5	Minimum building separation	10'
5	Rear setback from rear lane /alley(min)	15'
5	Maximum building height	3 stories





## 4 UDO + COMPREHENSIVE PLAN CONSISTENCY

#### UNIFIED DEVELOPMENT ORDINANCE CONSISTENCY

The Collection has been designed to meet the requirements of the Unified Development Ordinance where practical and achievable. There are some instances where, due to site constraints, it is not possible to meet the specific requirement of the Ordinance. In those instances, the applicant is proposing design alternatives that will meet the intent of the Ordinance. The requested modifications to the requirements of the UDO, and the proposed alternative methods of compliance, are listed below.

#### MODIFICATIONS FOR FRONT LOADED SINGLE-FAMILY DWELLINGS (60' WIDE LOTS)

§2.7 of the Knightdale Unified Development Ordinance requires that any lot less than 80' in width be accessed via an alley or rear lane access. Due to site constraints, these dwelling units will be accessed via a driveway that connects to the fronting public right-of-way. To ensure that the homes are of high-quality and add to the vitality of The Collection and Knightdale as a whole, the applicant has offered enhanced architectural standards as a condition of the zoning approval.

To create an interesting streetscape and encourage interaction between the public and private realm, front-loaded single-family dwellings in The Collection will be served by driveways that are a minimum length of 20' rather than the UDO requirement of 35'.

#### MODIFICATIONS TO REAR LOADED SINGLE-FAMILY DWELLINGS (35' WIDE LOTS)

In an effort to reduce the amount of impervious surface on the lots, and to increase the developable area on each parcel, rear-loaded single-family dwellings in The Collection will be served by driveways that are a minimum length of 20' rather than the UDO requirement of 35'.

#### MODIFICATIONS TO TOWNHOUSE DWELLINGS

§2.7.B of the Knightdale Unified Development Ordinance limits the maximum number of townhouse units in GR districts to 30% of the total number of dwelling units. Townhouses within The Collection will comprise 41% of the total number of dwelling units. To ensure that townhouses are high-quality construction, the applicant has offered enhanced architectural standards as part of the zoning approval. Additionally, all townhouses are located around the central pocket park, which will frame the pocket park with structures to create a more interesting space and allow for informal monitoring of the amenity.

#### MASS GRADING

According to section 6.2 B 3a., we respectively request to mass grade the few 60' lots included in the project due to the fact that they need to be graded as part of the internal roadway construction, are adjacent to the railroad which has already been graded, and are interdependent with the overall compact development.

#### **KNIGHTDALENEXT 2035 COMPREHENSIVE PLAN CONSISTENCY**

The Collection is consistent with the Growth Framework Map, Growth and Conservation Map, and the following Guiding Principles in the KnightdaleNext 2035 Comprehensive Plan ("KCP"):

1. Great Neighborhoods and Expanded Home Choices: This principle aims to promote vibrant neighborhoods that "provide greater access to a range of housing choices people need at different stages of their life." (KCP p. 17). This principle also notes that "new neighborhoods should mix two or more housing choices into one community." (KCP p. 17). The Collection provides a mix of single family and townhome products that will yield a strong neighborhood that "will make Knightdale a more livable community—one where residents can live their entire lives." (KCP p. 17).

The Growth and Conservation Map designates this site as being Mixed Density Neighborhood, which contains "a mix of housing types and densities." (KCP p. 53) In Mixed Density Neighborhoods, "homes are oriented to the interior of the site and are typically buffered from surrounding development by transitional uses, preserved open space, or landscaped areas." (KCP p. 53). All new mixed-density neighborhoods should "incorporate a comprehensive network of open space throughout to accommodate small parks, gathering places and community gardens; preserve tree stands; and help reduce stormwater runoff." (KCP p 53). Consistent with this concept, The Collection has housing units and a community gathering space oriented to the center, small blocks, and a modified grid of streets to support a cohesive, well-connected community.

2. Natural Environment: This guiding principle aims to "promote and expand opportunities for people to experience natural settings in Knightdale," and to "safeguard the Town's natural resources including streams, wetlands, . . . tree canopy, and the services they provide." (KCP p. 14). The site contains streams, ponds, and wetlands, which will all be preserved.

3. Infill Development and Redevelopment: This guiding principle aims to promote infill development for "vacant and under-utilized areas of Knightdale." (KCP p. 15). The Growth Framework Map designates this site as a "Target Investment Area," which is defined as "land within the current Town limits as well as closely surrounding land in the current ETJ that has existing or relatively easy potential access to both sewer and water." (KCP p. 43). Infill development and residential development with increased density are encouraged in this area to accommodate anticipated Town growth. (KCP p. 43).

 Parks and Recreation: This principle aims to "promote and expand opportunities where people can be more involved in an active community lifestyle represented, in part, by the presence of high quality parks, public spaces and recreation facilities located near where people live." (KCP p. 15) Placing a residential community here will attract more people to the Knightdale Station Park on foot based on its proximity.

5. Compact Development Patterns: This principle aims to "guide future growth into more compact and efficient development patters to manage the timing, location, and magnitude of expensive infrastrucutre improvements." (KCP p. 16) The applicant made use of the site's unique shape to create a layout of single family homes along the outer parts of the site, townhomes toward the center of the cite, and a centrally located recreational space that creates a visually attractive and inviting residential community.



# 5 DESIGN GUIDELINES

Images are illustrative in nature and subject to change based on review and approval by the Land Use Administrator.

#### SINGLE-FAMILY DWELLING ARCHITECTURAL STANDARDS

- 1. Single-family 2-story homes built on lots at least 60-feet wide will have a minimum of 2,000 square feet and 1-story homes on such lots will be a minimum of 1,600 square feet. Lots that are at least 60-feet wide will have front-loaded two car garages.
- 2. Single-family homes built on lots less than 60-square feet will have a minimum of 1,450 square feet and have alley-loaded one car garages with the exceptions that a maximum of 15% of such homes may be a minimum of 1,450 square feet.
- 3. All single-family homes shall be raised from the finished grade a minimum of 18" and shall have stem wall or raised slab foundations that shall be covered on all sides with brick, stone, or stucco. Areas under porches may be enclosed with lattice.
- 4. All single-family homes with a crawl space will be wrapped in brick or stone on all sides,
- 5. All single-family homes will gave a combination of two or more of the following materials on the front facade (not counting the foundation): stone, brick, lap siding, fiber cement siding, shake or board and batten. All siding will be fiber cement. Vinyl may only be used for soffits, fascia, and comer boards.
- 6. All single-family homes will have a front porch with a minimum depth of five (5) feet. Front porch posts will be at least 6"x6".
- 7. Main roof pitches (excluding porches) for 2-story homes shall be at least 7:12.
- 8. There shall be a 12" overhang on every gable roof end,
- 9. Main roof pitches for I-story and 1.5-story homes will be at least 6:12.
- 10. Garages for lots that are at least 60-feet wide will not protrude more than six (6) feet from the front porch or stoop and all garage doors shall over window inserts and hardware.
- 11. For every linear 30 feet ( or fraction) of continuous side elevation, there shall be one window or door added to the side elevation. Any siding break on the side of the home such as a fireplace, porch, wall offset can be used as an alternative to a window or door.
- 12. Garages will not exceed 45% of the front facade width or will be split into two bays.

#### TOWNHOUSE ARCHITECTURAL STANDARDS

- 1. All townhouse units will have alley-loaded two car garages.
- 2. All townhouse units shall be raised from the finished grade a minimum of 18" and have stem wall or raised slab foundations that shall be covered on all sides with brick, stone, or stucco. Areas under porches may be enclosed with lattice.
- 3. All townhouse units will have a combination of two or more of the following materials on the front facade (not counting the foundation): stone, brick, lap siding, fiber cement siding, shake or board and batten. All siding will be fiber cement. Vinyl may be used for soffits, fascias, and corner boards.
- 4. Usable front porches shall be at least five (5) feet deep and extend more than 30% of the primary facade.
- 5. All townhouse units shall provide detailed design elements using at least one (1) of the features from each of the four categories below:
  - Entrance
    - > Recessed entry with 6" minimum width door trim
    - > Covered porch with 6" minimum width pillars/posts/columns
  - Building Offset
    - > Facade offset
    - > Roofline offset
  - Roof
    - > Donner
    - > Gable
    - > Cupola/Tower/Chimney
    - > Decorative cornice of roof line (flat roof only)

And at least two (2) of the following elements:

- Facade
  - > Bay window
  - Balcony
  - > Porch
  - > Shutters
  - > Window trim with 4" minimum width
  - > Patterned finish (scales, shakes, wainscoting, brick, or stone)
- 6. There shall be a 12" overhang on every gable roof end.
- 7. Townhouse building walls shall be wood clapboard, cement fiber board or shingle, wood board and batten, brick, or stone.
- 8. Main roofs on townhouse buildings shall have a pitch between 6:12 and 12:12. Monopitch (shed) roofs are allowed only if they are attached to the wall of the main building. Monopitch roofs shall have a pitch of at least 3:12.
- 9. For every second and third story of the side elevations, there shall be a minimum of three windows added to the side elevation. Any siding break on the side of the home such as a fireplace or wall offset can be used as an alternate to a window. On the ground floor there shall be a minimum of one window on the side elevations.

- 10. The second and third stories of the rear elevation shall have either a balcony and door(s) or windows making up a minimum of 25% of the length of the rear elevation. The percentage is measured as the horizontal plane (lineal feet) containing a balcony and door(s) or windows divided by the total horizontal plane length.
- 11. No two townhome units in a building shall have the same exterior paint color scheme.
- 12. All townhomes shall be three (3) stories.

\*Administrator Approval of Minor Variances. The Staff may approve minor variances to the Specific Requirements listed above provided that such minor variance meet the overall intent of these Architectural Standards and conform to the Comprehensive Plan and other adopted plans of the Town.



### 6 RECREATIONAL OPEN SPACE + AMENITIES

#### RECREATIONAL OPEN SPACE AND AMENITIES

The Collection will provide both active and passive recreation areas within the development. Within the Collection, approximately 34% of the total land area will remain undeveloped and set aside as open space and passive recreation areas. These areas will not be programmed but will give areas for the enjoyment of residents and provide areas for spontaneous outdoor activities.

#### **Open Space Standards**

5	Total recreation open space required:	74,620 sf	1.71 Acres
	Active recreation space required:	37,310 sf	.85 Acres
	Active recreation space provided:	49,228 sf	1.13 Acres
	Passive recreation space required:	37,310 sf	.85 Acres
	Passive recreation space provided:	407,718 sf	9.35 Acres

A large central park will be located in the center of the Collection. This central park is adjacent to, and surrounded by, townhomes. This arrangement will allow ease of access for those residents and give this space a true sense of being part of the community. Each townhome will have a direct pedestrian connection to the pedestrian paths within the park. The pocket park is envisioned as a gathering area for residents and is minimally programmed to allow residents to use the space for whatever activity they desire. Grills and outdoor seating will be provided, and landscaping will be installed to give this park a true sense of place.

#### **PUBLIC ART**

Pulblic Art will be integrated into The Collection, subject to approval by the Town of Knightdale Technical Review Committee. Public Art will located within the collection to add visual interest to open spaces, recreation areas, or entrances.



Town of Knightdale





#### **STREETS + SIDEWALKS**

Streets and alleys within The Collection are designed to meet the standards of the Town of Knightdale.

- <sup>5</sup> Street A is designed as the main collector movement within The Collection and includes onstreet parallel parking, sidewalk, and a 10' multi-use path on the south side of the street.
- Robertson Street will be widened to meet the standards of the Knightdale Transportation Plan.
  A 10' wide multi-use path will also be constructed on the north side of Robertson Street and a 5' sidewalk will be constructed on the south side.
- Keith Street will be widened to meet the standards of the Knightdale Transportation plan. A 10' multi-use path will also be constructed on the east side of Keith Street and a 5' sidewalk will be constructed on the west side.
- <sup>5</sup> All remaining streets and alleys within the development will be constructed to Town of Knightdale standards.

#### **STORMWATER**

The Collection is located within the Neuse River basin with the site's stormwater runoff draining into Poplar Creek. According to the N.C. Department of Environmental Quality NC Surface Water Classifications website, Poplar Creek [Stream Index #27-35] is classified as C;NSW at this location. The proposed development shall be subject to stormwater management requirements found in Chapter 6: Environmental Protection of the Town of Knightdale's Unified Development Ordinance (UDO). Per regulations established in Chapter 6 of the Town of Knightdale's UDO, stormwater runoff provisions shall address peak flow mitigation and water quality management.

Three above ground stormwater control measures (SCMs) are proposed to meet regulations established Chapter 6 of the Town of Knightdale's UDO by providing peak flow mitigation and water quality management for the site. Additionally, these SCMs will be utilized to reduce Total Nitrogen (TN) export to a maximum of 6.00 lbs/ac/yr for residential development before buydown is allowed. The nitrogen buydown option will be utilized to further mitigate nitrogen loading and meet the required 3.6 lbs/ac/yr loading rate.

#### WATER + SEWER

- 5 Water and sewer within The Collection are designed to meet the standards of the City of Raleigh.
- <sup>5</sup> All sewer mains within the development will have an 8" diameter minimum.
- <sup>5</sup> A water system analysis will be submitted at time of construction drawing submittal to determine watermain sizes within the development.

#### **MASS GRADING**

According to section 6.2 B 3a., we respectively request to mass grade the few 60' lots included in the project due to the fact that they need to be graded as part of the internal roadway construction, are adjacent to the railroad which has already been graded, and are interdependent with the overall compact development.

Town of Knightdale



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## 8 NEIGHBORHOOD MEETING REPORT

#### **COLLECTION AT KNIGHTDALE NEIGHBORHOOD MEETING**

August 27, 2019, 6:30pm

Knightdale Recreation Center, 102 Lawson Ridge Rd, Knightdale, NC 27545

A neighborhood meeting was held on August 27, 2019 at 6:30pm at the Knightdale Recreation Center at 102 Lawson Ridge Rd, Knightdale, NC 27545. There were three neighbors in attendance: a couple who own two houses at 605 Keith Street and 129 Jutson St, and a third neighbor who lives at 602 Keith St. The neighbors indicated that they were excited about the project and asked the following questions about the development:

- <sup>5</sup> Stormwater: The neighbors asked how stormwater would be controlled. The applicant indicated that several stormwater mechanisms would be in place on the site to ensure the development does not increase runoff onto adjacent properties.
- <sup>5</sup> Sidewalks: The neighbors asked if sidewalks would be included. The applicant indicated that sidewalks would be installed along Keith Street.
- <sup>5</sup> Pond: The neighbors asked if there were any plans for the pond on the site. The applicant noted that the pond would be left on site and buffered.
- <sup>5</sup> Buffer: The neighbor who lives at 602 Keith St asked how much buffer would be provided along the southwestern boundary line. The applicant indicated that there would be a stream buffer of a little over 50 feet along the southwestern boundary line because of the creek. Also, there are no plans to disturb the vegetation beyond the boundaries of the site.
- Traffic: The neighbors asked whether a traffic study would be performed. The applicant indicated that a trip generation study would be performed to determine whether a Traffic Impact Analysis is required, though one is not likely required given that the development is relatively small with only 89 dwelling units.
- <sup>5</sup> Community Gathering Space: Regarding the community gathering space in the center of the development, the neighbors indicated that they prefer not to see basketball courts, which would likely attract a great deal of visitors to the area. The applicant noted that there are no plans to build a basketball court in the community gathering space.

NEIGHBORHOOD MEETING REPORT

# **The Collection PUD** Wednesday August 27, 2019 @ 6:30pm Knightdale Recreation Center Knightdale, NC 27545

Name Jenny Klances			
Street Address 602 KEITH ST. # 129 JUTSON ST			
City			
Zip Code 27545 27545			
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an			

Town of Knightdale





#### SINGLE-FAMILY DWELLING ARCHITECTURAL STANDARDS

- 1. Single-family 2-story homes built on lots at least 60-feet wide will have a minimum of 2,000 square feet and 1-story homes on such lots will be a minimum of 1,600 square feet. Lots that are at least 60-feet wide will have front-loaded two car garages.
- 2. Single-family homes built on lots less than 60-square feet will have a minimum of 1,450 square feet and have alley-loaded one car garages with the exceptions that a maximum of 15% of such homes may be a minimum of 1,450 square feet.
- 3. All single-family homes shall be raised from the finished grade a minimum of 18" and shall have stem wall or raised slab foundations that shall be covered on all sides with brick, stone, or stucco. Areas under porches may be enclosed with lattice.
- 4. All single-family homes with a crawl space will be wrapped in brick or stone on all sides,
- 5. All single-family homes will gave a combination of two or more of the following materials on the front facade (not counting the foundation): stone, brick, lap siding, fiber cement siding, shake or board and batten. All siding will be fiber cement. Vinyl may only be used for soffits, fascia, and comer boards.
- 6. All single-family homes will have a front porch with a minimum depth of five (5) feet. Front porch posts will be at least 6"x6".
- 7. Main roof pitches (excluding porches) for 2-story homes shall be at least 7:12.
- 8. There shall be a 12" overhang on every gable roof end,
- 9. Main roof pitches for I-story and 1.5-story homes will be at least 6:12.
- 10. Garages for lots that are at least 60-feet wide will not protrude more than six (6) feet from the front porch or stoop and all garage doors shall over window inserts and hardware.
- 11. For every linear 30 feet ( or fraction) of continuous side elevation, there shall be one window or door added to the side elevation. Any siding break on the side of the home such as a fireplace, porch, wall offset can be used as an alternative to a window or door.
- 12. Garages will not exceed 45% of the front facade width or will be split into two bays.

#### **TOWNHOUSE ARCHITECTURAL STANDARDS**

- 1. All townhouse units will have alley-loaded two car garages.
- 2. All townhouse units shall be raised from the finished grade a minimum of 18" and have stem wall or raised slab foundations that shall be covered on all sides with brick, stone, or stucco. Areas under porches may be enclosed with lattice.
- 3. All townhouse units will have a combination of two or more of the following materials on the front facade (not counting the foundation): stone, brick, lap siding, fiber cement siding, shake or board and batten. All siding will be fiber cement. Vinyl may be used for soffits, fascias, and corner boards.
- 4. Usable front porches shall be at least five (5) feet deep and extend more than 30% of the primary facade.
- 5. All townhouse units shall provide detailed design elements using at least one (1) of the features from each of the four categories below:
  - Entrance
    - > Recessed entry with 6" minimum width door trim
    - > Covered porch with 6" minimum width pillars/posts/columns
  - Building Offset
    - > Facade offset
    - > Roofline offset
  - Roof
    - > Donner
    - > Gable
    - > Cupola/Tower/Chimney
    - > Decorative cornice of roof line (flat roof only)
- And at least two (2) of the following elements:
  - Facade
    - > Bay window
    - > Balcony
    - > Porch
    - > Shutters
    - > Window trim with 4" minimum width
    - > Patterned finish (scales, shakes, wainscoting, brick, or stone)
- 6. There shall be a 12" overhang on every gable roof end.
- 7. Townhouse building walls shall be wood clapboard, cement fiber board or shingle, wood board and batten, brick, or stone.
- 8. Main roofs on townhouse buildings shall have a pitch between 6:12 and 12:12. Monopitch (shed) roofs are allowed only if they are attached to the wall of the main building. Monopitch roofs shall have a pitch of at least 3:12.
- 9. For every second and third story of the side elevations, there shall be a minimum of three windows added to the side elevation. Any siding break on the side of the home such as a fireplace or wall offset can be used as an alternate to a window. On the ground floor there shall be a minimum of one window on the side elevations.

- 10. The second and third stories of the rear elevation shall have either a balcony and door(s) or windows making up a minimum of 25% of the length of the rear elevation. The percentage is measured as the horizontal plane (lineal feet) containing a balcony and door(s) or windows divided by the total horizontal plane length.
- 11. No two townhome units in a building shall have the same exterior paint color scheme.
- 12. All townhomes shall be three (3) stories.

#### **GENERAL DEVELOPMENT CONDITIONS**

1. Administrator Approval of Minor Variances. The Staff may approve minor variances to the Specific Requirements listed above provided that such minor variance meet the overall intent of these Architectural Standards and conform to the Comprehensive Plan and other adopted plans of the Town.

2. The developer is granted an exception from the UDO Section 6.2.B with the ability to grade the site outside of the proposed right-of-way for the 60' wide single-family residential lots.

August\_\_\_\_, 2019

#### **Re: 614 Keith Street Notice of Neighborhood Meeting**

Neighboring Property Owners:

A neighborhood meeting will be held at 6:30pm p.m. on Tuesday, August 27, 2019 in rooms 404 and 406 of the Knightdale Recreation Center located at 102 Lawson Ridge Rd, Knightdale, NC 27545. The purpose of the meeting is to discuss an upcoming application to rezone property made up of five parcels, located at 614 Keith St, Knightdale, NC ("the Site"). The parcels have PIN#s: 1754539404, 1754537747, 1754539814, 1754630926, and 1754635524. Attached is a vicinity map outlining the location of the Site. The Site is currently zoned Rural Transition (RT). We propose to rezone the Site to a Planned Unit Development (PUD) district. The applicant will describe the nature of this rezoning request and field any questions from the public. The Town of Knightdale requires a neighborhood meeting involving the property owners within 200 feet of the area requested for rezoning prior to the submittal of any rezoning application. Any landowner who is interested in learning more about this project is invited to attend.

If you have any questions please contact Bahati Mutisya at 919-835-4686 or via email at bahatimutisya@parkerpoe.com. You may also contact the Town of Knightdale Department of Development Services at 919-217-2244, or visit the Town's web portal at https://www.knightdalenc.gov/departments/development-services.

Thank you,

Bahati Mutisya

#### 614 Keith St Vicinity Map

