Attachment B:

Planned Unit Development

# NORTH SALEM STATION DEVELOPMENT

Laura Duncan Road · Candun Drive · North Salem Street

Apex, North Carolina PUD PLAN

May 03, 2022









A tratifion of DESIGNING THE FUTURE .

TheWootenCompany.com

PUD Application Page 1 of 27 May 3, 2022

# **NORTH SALEM STATION**

# **Planned Unit Development**

Prepared for The Town of Apex, North Carolina

# Developer

Castle Development Partners 230 Court Square, Suite 202 Charlottesville, VA 22902

# Architect

Dynamik Design 5901 Peachtree Dunwoody Rd. Building C, Suite 250 Atlanta, GA 30328

# **Civil Engineer**

The Wooten Company 120 N. Boylan Ave. Raleigh, NC 27603

# **Traffic Engineer**

Ramey Kemp & Associates 120 N. Boylan Ave. Raleigh, NC 27603





Nooten

**SKV** 

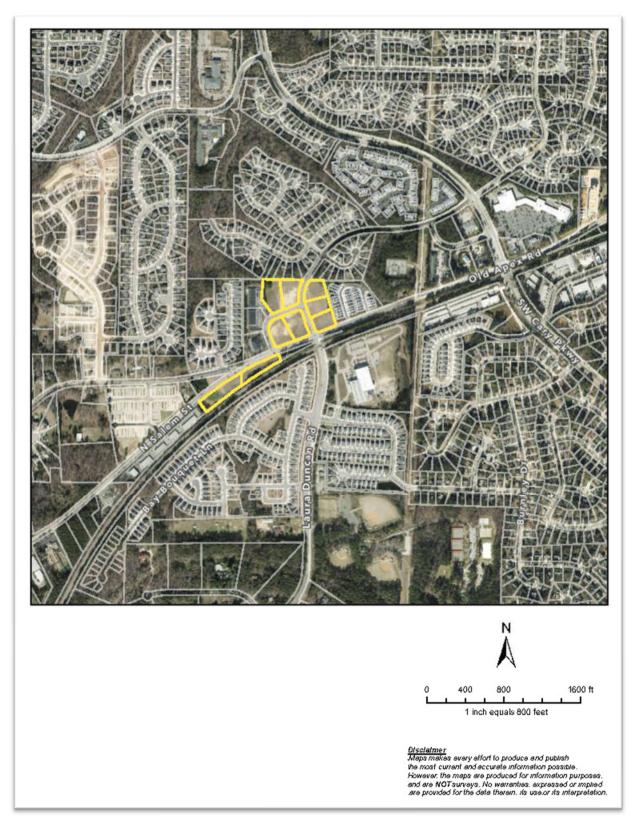
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- A. Building Elevations
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# **VICINITY MAP**



### Tract 1:

PIN 0753015606

Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 1.25 acres

#### Tract 2:

# PIN 0753016795

Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 1.25 acres

#### Tract 3: PIN 0753024120

Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 1.43 acres

#### PIN 0753026029

Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 1.21 acres

#### Tract 5: PIN 0753028181

Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 0.90 acres

#### Tract 6:

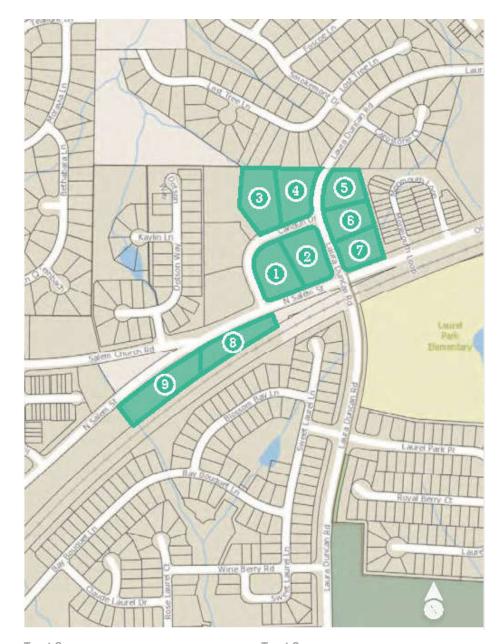
#### PIN 0753019925

Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 0.90 acres

### Tract 7:

PIN 0753019769 Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 0.91 acres

# **PARCEL INFORMATION**



# Tract 8: PIN 0753013228

Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 1.00 acres

# Tract 9:

PIN 0743908968 Old Apex Associates LP 230 Court Square Suite 202 Charlottesville, VA 22902 Area: 1.54 acres

# **PROJECT DATA**

1. Name of Project:	North Salem Station	
2. Applicant:	Castle Development Partners 230 Court Square, Suite 202 Charlottesville, VA 22902	
3. Prepared By:	The Wooten Company 120 N. Boylan Ave. Raleigh, NC 27603	
4. Current Zoning:	PC – Planned Commercial (7 Parcels) and B1 - Neighborhood Business (2 Parcels)	
5. Proposed Zoning:	PUD–CZ: Planned Unit Development Conditional Zoning	
6. Current 2045 LUM: Designation	High-Density Residential, Apartments Only/ Commercial Services (7 Tracts- North of N. Salem Street) High-Density Residential / Office Employment (2 Tracts- South of N. Salem Street)	
7. Area of Tract(s):	10.39 Acres	
8. Areas Designated as Mixed	Use on 2045 LUM: 0 Acres	
9. Area of Mixed-Use Property Proposed as Non-Residential: 0 Acres		

**10.** Percent of Mixed-Use Areas Proposed as Non-Residential: 0%

# **PURPOSE STATEMENT**

North Salem Station development site is comprised currently of nine (9) individual parcels. It is intended that some of these parcels be recombined, resulting in a total of six (6) parcels. Of these parcels, three (3) will be dedicated for residential uses, one (1) for non-residential uses, and two (2) for Resource Conservation Area.

The following information provides a brief summary of how the Development Parameters in the Planned Unit Development District (PUD-CZ) will be met:

The proposed uses designated above for each group of parcels, are permitted uses per *§4.2.2 Use Table* in the Town of Apex's UDO.

North Salem Station includes both residential and non-residential parcels. The residential development will consist of multi-family housing with a maximum of 239 units. The non-residential development will consist of a single building with a maximum area of 10,000 SF.

The proposed development has provided dimensional standards that either meet or exceed compliance with the Town of Apex's UDO. In addition, this development will follow all other requirements of the UDO, North Carolina Building Code and North Carolina Fire Code.

Public sidewalks (5') will be constructed along all right-of-way frontages associated with the development. Per the Town's Parks, Recreation, Greenways and Open Space Master Plan, a ten (10) foot side path will also be constructed along the eastern side of Laura Duncan Road. Internal sidewalks with associated crosswalks and ADA accessible ramps throughout the development will be provided to promote a walkable community for residents.

North Salem Station PUD-CZ is consistent with the High-Density Residential, Apartments only Land Use Designation that was adopted in the 2045 LUM in February 2021 and the proposed design is compatible with the uses and character of the surrounding properties.

North Salem Station will provide quality through enhanced materials and design features, as outlined in the Architectural Controls section below. Sample elevations found in this document illustrate a sample of the style of both residential and non-residential development will provide.

The following information provides a brief summary of how this development proposes sitespecific standards and conditions consistent with all Conditional Zoning (CZ) District Standards found in the Town of Apex's UDO §2.3.3 Conditional Zoning Districts:

The proposed zoning district PUD-CZ is allowed within the High-Density Residential Use per the 2045 Town of Apex's Land Use Map. The development proposes a maximum density of 23 units per acre.

The proposed location of the development is compatible with the character of the surrounding land uses.

Supplemental standards pertaining to multi-family development, as well as the future use of the non-residential parcels will be incorporated into the final design.

Design will adhere to the Town of Apex's design standards to minimize adverse impacts to the surrounding land. Architectural guidelines and controls will ensure that an appropriate aesthetic is incorporated that is consistent with local architecture and maintains a high level of quality. The project will not create any significant or uncommon nuisances to the surrounding properties.

Design will minimize environmental impacts by adhering to all the Town of Apex's site planning requirements and necessary mitigation efforts. The project will designate 20% of the site as RCA and include additional conditions beneficial to environmental impacts such as solar panels, sanitary sewer pump station improvements (if required) and electric vehicle charging stations for residential uses.

The proposed PUD-CZ will not create any unique or uncommon impacts on public facilities. Any impacts to public facilities will be mitigated by public improvements at the property or fees in lieu, as required by the Town of Apex.

The proposed PUD-CZ will meet all applicable guidelines for health, safety, or welfare of the residents of the Town of Apex.

The proposed PUD-CZ is in compliance with the Town of Apex's recommended use for the Property, as determined in the 2045 Land Use Map. Proposed residential and office/flex uses are consistent with adjacent properties. Increased building setbacks have been incorporated on property lines near existing residences.

The proposed PUD-CZ will not create or constitute a nuisance or hazard. A TIA will be included with this application to recommend any traffic impact mitigation improvements necessary because of the CZ use. The project will comply with traffic mitigation improvements, as required by the Town of Apex.

The proposed PUD-CZ will comply with all standards imposed on it by all other applicable provision of this ordinance for use, layout, and general development characteristics.

# **PERMITTED USES**

The Rezoned Lands may be used for, and only for, the uses listed immediately below. The permitted uses are subject to the limitations and regulations stated in the UDO and any additional limitations or regulations stated below. For convenience, some relevant sections of the UDO may be referenced; such references do not imply that other sections of the UDO do not apply.

Permitted Residential Use Categories: Parcels 2, 3, and 4	
Multi-Family/Apartment	Utility minor
Condominium	Park, active
Park, passive	Private Recreation Facility



Permitted Non-Residential Use Categories: Parcel 6	
Recreational Uses:	Food and Beverage Services:
Park Active/Park Passive	Restaurant, General
Office and Research:	Industrial Services:
Medical or Dental Office or Clinic	Woodworking or cabinetmaking
Medical or Dental Laboratory	Manufacturing and processing, minor (S)
Office (Business or Professional)	Microbrewery
Research Facility	Micro Distillery
Retail Sales and Services:	
Artisan Studio	Barber and Beauty Shop
Book Store	Floral Shop
Financial Institution	Grocery, General
Grocery, Specialty	Health/fitness center or spa
Kennel	Printing and copying service
Real estate sales	Retail sales, general
Studio for art	Tailor shop
Upholstery shop	Pet services

# **SITE DESIGN CONTROLS**

Total Site Acreage: 10.39 acres

#### **Residential Use Parcels**



- 1. Maximum Overall Gross Density 23 Units/Acre
- 2. Maximum Number of Units 239
- 3. Maximum Building Height 60 feet (Maximum 4 Stories)
- 4. Maximum Built Upon Area –70% of Total Area
- 5. Building Setbacks

Parcel 1		
RCA- No Setbacks		
Parcel 2		
Front:	10 feet (South, Candun Drive)	
Side:	20 feet (East, Laura Duncan Drive)	
Side:	0 feet (West, Parcel 1)	
Rear:	Required Buffer + 5 Feet (North)	
Parcel 3		
Front:	50 feet (West, South of Candun Drive)	
	20 feet (West, North of Candun Drive)	
Side:	50 feet (South, Old Apex Road)	
Side:	Required Buffer + 5 Feet (North)	
Rear:	60 feet (East)	

Parcel 4	
Front:	50 feet (South, N. Salem Street)
Side:	50 feet (East, Laura Duncan Road)
Side:	10 feet (West, Candun Drive)
Rear:	10 feet (North, Candun Drive)

### 6. Buffers

Perimeter	
Northern Buffer	10 feet – Type A Buffer
Eastern Buffer	15 feet – Type A Buffer
North Salem Street	30 feet – Type A Buffer*
Western Buffer	0 feet
Laura Duncan Road	0 feet

\*The overhead Duke Energy electric easement along North Salem Street shall be counted towards the required buffer standards as identified within various UDO sections. Vegetation planted under the buffer shall be chosen to be 20 feet or less tall, so as to avoid impacting the overhead utility lines.



# **Non-Residential Use Parcels**

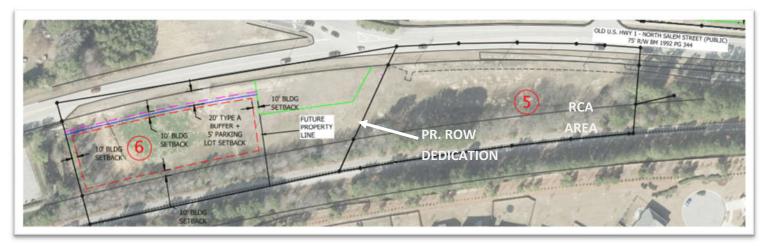
- 1. Maximum Building Height 40 feet (Maximum 2 Stories)
- 2. Maximum Built Upon Area -70% of Total Area
- 3. Maximum Square Footage- 10,000 SF

# 4. Building Setbacks

Parcel 5		
RCA- No Setbacks		
Parcel 6		
Front:	Required Buffer + 10 feet (North, North Salem St.)	
Side:	10 feet	
Rear:	10 Feet (South, CSX Rail)	

# 5. Buffers

Perimeter	
North Salem Street	20 feet – Type A Buffer
Eastern Buffer	0 feet
Southern Buffer	0 feet
Western Buffer	0 feet



# **ARCHITECTURAL DESIGN CONTROLS**

The proposed development offers the following architectural controls to ensure a consistency of character throughout the development, while allowing for enough variety to create interest and avoid monotony. Elevations included are limited examples of multiple options available. Changes to the exterior materials, roof, windows, doors, process, trim, etc. are allowable with administrative approval at the staff level. Further details shall be provided at the time of Site Plan submittal.

# Residential (all product types):

- 1. Proposed materials and styles will be of a similar palette to provide consistency of character along with visual interest. Exterior materials that may be incorporated into any of the residential buildings include:
  - a. Cementitious siding

- b. Wood or synthetic wood siding
- c. Stone or synthetic stone
- d. Brick
- e. Additional building materials may be included with administrative staff approval. Substitute materials shall be allowed by staff approval if the Planning Director determine them to be adequately similar.
- 2. Vinyl siding is not permitted; however, vinyl windows, decorative elements and trim are permitted.
- 3. For multi-family/apartment buildings, the roofs may be pitched or flat. All other housing types shall have pitched roofs.
- 4. Siding materials shall be varied in type and/or color on 30% of each facade on each building.
- 5. Windows that are not recessed must be trimmed.
- 6. Rooflines cannot be a single mass; they must be varied with the use of gables or parapets.
- 7. Solar conduit will be provided on all buildings to accommodate the future installation of solar panels.
- 8. The proposed residential unit mix will cap 3-bedroom units at 10% of the total unit count.

### Non-Residential:

- 1. Architectural treatments such as varying roof forms, façade articulation, breaks in roof, walls with texture materials and ornamental details as well as landscaping shall be incorporated to add visual interest. Large expanses of blank walls, greater than 20 feet in length or height, shall be broken up with windows or other architectural features to reduce visual impacts.
- 2. Roof features may include flat roofs with parapet, hip roofs or awnings with metal or canvas material.
- 3. Two (2) or more materials shall be used on each building.
- 4. Permitted materials include:
  - a. Brick, stone, or synthetic stone masonry
  - b. Decorative concrete block (integral color or textured)
  - c. Stone accents
  - d. Aluminum storefront windows/doors with anodized or pre-finished colors
  - e. EIFS cornices and parapet trim
  - f. EIFS or synthetic stucco shall not be used in the first four feet above grade and shall be limited to 25% of each building facade.
  - g. Precast concrete
  - h. Cementitious siding
- 5. Prohibited materials include:
  - a. Vinyl siding is not permitted; however, vinyl windows, decorative elements and trim are permitted.
  - b. Painted, smooth faced concrete block
  - c. Metal Walls. Decorative metal accents and panels may be accepted.
- 6. Exterior lighting shall not exceed a color temperature of 3,500K and shall meet UDO requirements for full cut off lights.

# PARKING AND LOADING

Parking calculations and dimensions for this PUD will comply with UDO Section 8.3 (Off-Street Parking and Loading) of the Town of Apex's Unified Development Ordinance unless otherwise stated in this document.

This development proposes a minimum of 1.3 spaces/residential unit and a maximum of 1.6 spaces/residential unit for all surface lot spaces serving the residential lots. This cap on the maximum parking count was incorporated after discussions with Town Council members and is intended to reduce the number of parking spaces from what the ordinance would require otherwise to maximize green space and promote the use of public transit. The parking count will be based on all unit types and not specify a requirement per number of bedrooms. No more than 10% of the total unit count shall be 3-bedroom units.

As a consideration for the number of residents this development will bring to the area, Castle Development aims to reduce the amount of traffic and promote the use of public transportation by reducing parking spaces on site. The residential development shall construct two bus stops along North Salem Street/Old Apex Road and coordinate the final location with the Town of Apex and Town of Cary in accordance with GoApex and Regional Transit requirements.

Parking associated with the non-residential use lots shall comply with UDO Section 8.3. Bicycle and ADA parking will be provided as required.

A minimum of 5% of the parking spaces shall be Electric Vehicle (EV) Charging spaces. EV charging spaces for the residential development shall be based on the number of parking spaces required by the UDO rather than the reduced parking ratio proposed by the PUD. EV charging spaces shall be provided in either surface or garage lots in accordance with UDO Sec. 8.3.11.

Boat, Boat Trailer, and Recreational Vehicle (RV) parking shall be prohibited on site.

Trash pick-up shall be contracted with a private company and limited to the hours of 7:00 AM to 7:00 PM, Monday through Saturday.

# SIGNAGE COMPLIANCE

All signage for this PUD will comply with Section 8.7 (Signs) of the Town of Apex UDO.

# NATURAL RESOURCE AND ENVIRONMENTAL DATA

# 1. Primary or Secondary Watershed Protection Overlay District –

This project is located within the Cape Fear River Basin. Most of the proposed site (parcels north of N. Salem St.) is located within the Secondary Watershed Protection Overlay District as shown on the Town of Apex Watershed Protection Map. The two (2) parcels south of N. Salem St. are located within the Primary Watershed Protection Overlay District. This PUD will comply with section 6.1.7 of the UDO, High-Density Development Option.

# 2. FEMA Designated 100 Year Floodplain -

The proposed PUD site is not located in a designated current or future 100-year floodplain as shown on the Town of Apex FEMA map and FIRM Panels 3720074300J and 3720075300J, effective 5/02/06.

### 3. Resource Conservation Area (RCA)

The PUD will be subject to and meet the requirements of Sections 8.1.2 and 2.3.2 of the Town of Apex UDO. Since the site is located to the east of NC 540, a minimum 20% of the gross site acreage shall be designated as RCA.

RCA BREAKDOWN	
Total Site Area:	10.39 acres/452,588 SF
Total RCA Required (20%):	2.08 acres/90,518 SF
Total RCA Provided (20.8%):	2.16 acres/93,944 SF

Applicant intends to dedicate 0.7 acres of land **(Parcel 1)** at the northwest corner of the site solely for open space/RCA dedication. This land will prohibit construction of any kind. It is currently grassy and will be planted to meet the UDO's requirements for planted RCA.

In addition, approximately 1.17 acres of land located on the south side of North Salem Street **(Parcel 5)** will be dedicated as RCA. The proposed plan will also prohibit construction to occur within this area for the purposes of this development.

The RCA for Parcels 1 and 5 shall be planted and dedicated prior to the last Site Plan Final Plat for the residential portion of the development.

### 4. Evidence of Historic Structure On-Site -

Per the North Carolina State Historic Preservation Office National Historic Places, there are no historic structures present within the proposed project boundary.

# **STORMWATER MANAGEMENT**

The proposed PUD shall meet all stormwater management quality and quantity requirements in accordance with 6.1.7 of the Town of Apex's Unified Development Ordinance.

- Post-development peak runoff shall not exceed pre-development peak runoff for the 24-hour, 1and 10-year storm events.
- Treatment will be provided for the 1<sup>st</sup> inch of runoff and will provide a minimum of 85% removal of total suspended solids.

Due to site constraints, stormwater control measures may include, but not be limited to, underground detention systems with NCDEQ approved Storm Filter and Filterra Systems for treatment and bioretention areas and/or construction stormwater wetlands in and around parking lots. If elevation change is feasible, an above ground stormwater detention pond may be added to a portion of the lot on the south side of N. Salem Street. All stormwater control measures shall be approved and designed according to the NCDEQ Design Manual as well as the Town of Apex's UDO.

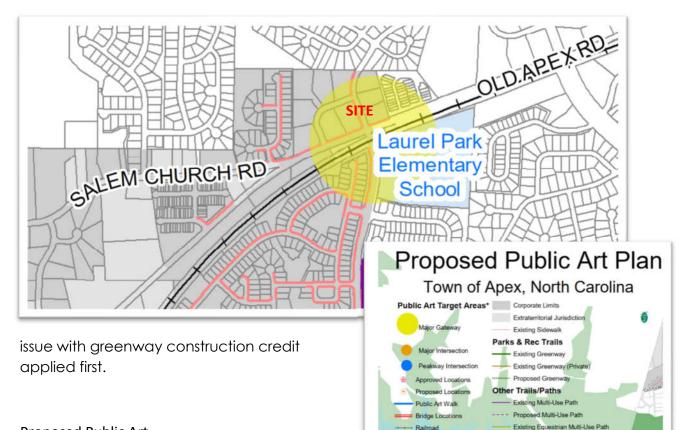
# PARKS, RECREATION AND CULTURAL RESOURCES

This PUD proposes a fee-in-lieu of dedication. The rate is based on the time of PUD and PRCR Advisory Commission Approval.

# \$2,226.05 per multi-family unit

However, per the Town of Apex's Parks, Recreation, Greenways and Open Space Master Plan, a new 'Greenway Trail' is proposed along the Northern Property Boundary (Along Proposed Parcels 1 and 2) and a 'Sidepath' is proposed along the Eastern side of Laura Duncan Drive.

The Parks, Recreation and Cultural Resources Advisory Commission reviewed the project on February 23, 2022. They unanimously recommended a fee-in-lieu of dedication for 240 multi-family units and with credit for construction of greenway trail against fees owed. The timing for the completion of the greenway should be tied to the approval of the final plat. The rate of the fee-in-lieu will be set at the time of Town Council approval. The current 2022 rate of \$2226.05 multiplied by the maximum multi-family unit total would result in \$534,252.00 of fees deposited with the Town at the time the building permit is approved for



### Proposed Public Art

The Town of Apex's Public Art Plan designates the area around the intersection of Laura Duncan and

North Salem as a "Major Gateway" into Apex. To help promote the Town's Public Art Plan, the Applicant proposes to dedicate an easement for the installation of public art. Location of the art installation will be agreed upon and determined during site plan review.

Town-Owned Property

···· Proposed Equestrian Multi-Use Path

Application proposes to donate \$10,000 to the Citizens for Apex Parks to be allocated towards an art installation to be erected within this development area.

# **PUBLIC FACILITIES**

The proposed PUD shall meet all public facilities requirements in accordance with the Town of Apex's UDO, Advance Apex: The 2045 Transportation Plan, and Standard Specifications and Details.

### Roadway Infrastructure

See Right-of-Way Improvements Section of this document for a summary of how proposed roadway infrastructure and right-of-way dedications will be consistent with the Town of Apex's UDO and Transportation Plan.

### Pedestrian Connectivity

All sidewalks installed per the Right of Way Improvements section herein shall be a minimum five (5) feet wide to enhance pedestrian connectivity and safety. All sidewalks will include ADA accessible ramps, detectable warning strips and crosswalks where necessary.

A ten (10) foot wide side path along the eastern side of Laura Duncan Road will be constructed in accordance with the Town of Apex's Parks, Recreation, Greenways and Open Space Master Plan.

#### Water and Sanitary Sewer

All lots within the project will be served by the Town of Apex for water and sanitary sewer. The proposed design will meet the Town's current standard details and specifications for all connections to the public system.

A capacity study is in progress that analyzes existing and proposed wastewater flows. A final report and analysis will be provided to the Town of Apex to determine if any improvements are required. Any upgrades required to the system will be a condition of site plan approval.

A fire flow test will be conducted to analyze current static and residual pressures around the site.

# **PROJECT PHASING**

Phasing for the project shall be determined during site plan or master subdivision plan review and coordinated with the Technical Review Committee.

# **CONSISTENCY WITH LAND USE PLAN**

The proposed land use is consistent with the Advance Apex: 2045 Land Use Map Update.

The 2045 Land Use Map designates the subject parcels to the North of N. Salem St. (2-4) as High-Density Residential, Apartments Only and Commercial Services. The proposed land use for these parcels is High-Density Residential, which is consistent with the Land Use Map designation.

The 2045 LUM designates the subject parcels to the South of N. Salem St. as High-Density Residential and Office Employment. The proposed land uses designated for parcel 6 are consistent with those listed in the zoning districts under Office Employment. Those uses are consistent with the 2045 Land Use Map designation.

# COMPLIANCE WITH UNIFIED DEVELOPMENT ORDINANCE

The proposed PUD-CZ and associated development is consistent with all applicable requirements of the Town's Unified Development Ordinance.

# **RIGHT-OF-WAY IMPROVEMENTS**

The following recommendations were provided as part of the Traffic Impact Analysis (TIA) prepared by Ramey Kemp and Associates in November of 2021. Refer to the figure below for an illustration of the recommended lane configuration. The full TIA is provided as an attachment to the PUD re-zoning submittal.

# 1. Laura Duncan Road and Candun Drive/Access A:

- a. Construct the westbound approach with one ingress and one egress lane.
- b. Provide stop control for the westbound approach.

# 2. Laura Duncan Road and Access B:

- a. Construct the eastbound approach with one ingress and one egress lane.
- b. Provide Stop control for the eastbound approach.

# 3. Laura Duncan Road and Access C:

- a. Construct the northbound and southbound approaches with one ingress and one egress lane.
- b. Provide Stop control for the northbound and southbound approaches.

### 4. Laura Duncan Road and Access D:

- a. Align access D with existing driveway on Candun Drive.
- b. Construct the westbound approach with one ingress and one egress lane.
- c. Provide Stop control for the westbound approach.

# 5. <u>North Salem Street and Access E (Will Complete for the Development of the Non-Residential</u> Lots):

- a. Provide an exclusive westbound left-turn lane with a minimum of a 50' storage lane and appropriate deceleration and taper on North Salem Street.
- b. Construct the northbound approach with one ingress and one egress lane.
- c. Provide stop control for the northbound approach.

# 6. <u>North Salem Street and Salem Church Road (Will Complete for the Development of the Non-Residential Lots)</u>:

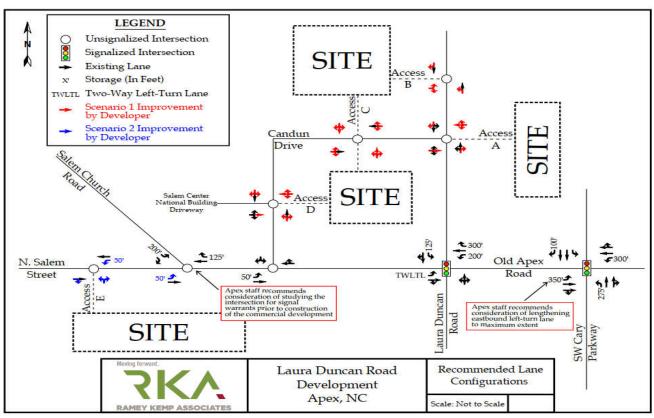
a. Construct an exclusive eastbound left turn lane with a minimum of a 50' storage lane and appropriate deceleration and taper on North Salem Street.

# 7. Old Apex Road and SW Cary Parkway

a. The Town of Apex staff recommends consideration of lengthening eastbound left-turn lane to maximum extent. Developer will consider these improvements only if NCDOT requires only grinding of existing paint lines, not mill and overlay of full roadway width.

# 8. <u>North Salem Street and Laura Duncan Road (Will Complete for the Development of the Non-Residential Lots)</u>:

a. Provide an exclusive eastbound right-turn lane along North Salem Street approaching Laura Duncan Road per NCDOT request, along with the associated signal modification / revised signal plan.



# TRANSPORTATION ZONING CONDITIONS

- 1. All proposed driveway access and improvements on state-maintained roadways are subject to NCDOT review and approval.
- 2. All development frontage improvements along North Salem Street shall be based on a minimum 41' back-to-back 3-lane roadway on 80' right-of-way. As part of the non- residential site plan, a maximum of one (1) access point shall be proposed on North Salem Street, to be located west of Salem Church Road and serving the south parcel.
- 3. All development frontage along Laura Duncan Road shall include a 5' sidewalk on the west side and 10' Side Path on the east side. A maximum of two (2) access points shall be proposed, one located north of Candun Drive serving the west side and one across from Candun Drive serving the east side.
- 4. All development frontage along both sides of Candun Drive shall include a 5' sidewalk. A maximum of three (3) access points shall be proposed, two located across from each other west of Laura Duncan Road serving the north and south side and one north of North Salem Street serving the east side.

- 5. Developer shall provide a 50' building setback along Laura Duncan Road from North Salem Street to Candun Drive and along the entire development frontage of North Salem Street in consideration of the planned grade separation of Laura Duncan Road at the railroad tracks.
- 6. Developer shall perform a warrant study for the intersection of Salem Church Road at North Salem Street if directed by Apex staff prior to site plan approval of the non-residential parcel south of North Salem Street and install a traffic signal if determined by warrant study and required by NCDOT. If not required at that time, developer shall have no future responsibility for a traffic signal.
- 7. Developer will dedicate a maximum of 0.24 acres of additional right of way as shown on the Site Layout based on a conceptual future single-lane roundabout at the intersection of North Salem Street and Salem Church Road.
- 8. At the time of constructing driveway access to the non-residential parcel located south of North Salem Street, developer shall widen North Salem Street to provide a two-way left-turn lane (TWLTL) between the driveway access and Salem Church Road serving left turns at both intersections.
- 9. Prior to the first Site Plan Final Plat for the residential parcels, Developer shall lengthen the eastbound left turn lane on Old Apex Road approaching Cary Parkway to the maximum extent possible by restriping the existing painted median island for additional storage length only if NCDOT allows this work to be done without milling and asphalt overlay. If NCDOT requires milling and asphalt overlay then this work shall not be required of the Developer.
- 10. Developer shall construct two bus stops per Town of Apex standards with amenity pad, bench, bicycle parking, and trash receptacle. Bus stops shall be constructed to accommodate a shelter, but shelters shall not be provided by the applicant. The bus stops shall be paired, to serve both sides of North Salem Street, the final location to be determined by Apex staff during site plan review. If needed, a Transit Access Easement shall be provided for public access to the bus stops.

# **ADDITIONAL RIGHT-OF-WAY IMPROVEMENTS**

Currently, sidewalks exist along the western side of Laura Duncan and along the North Salem Street frontage. A 10' side path will be built along the eastern side of Laura Duncan to connect with Town of Cary's side path. During construction of the residential development, the developer shall ensure that a safe, paved pedestrian route shall be maintained from Linville Ridge Subdivision to Laurel Park Elementary School.

Prior to the residential final plat, additional sidewalks, ADA ramps and crosswalks will be added along the street frontage of all residential parcels to enhance pedestrian connectivity around the development. A sidewalk along the south side of North Salem Street will be constructed from the intersection of Laura Duncan Road westward to the proposed bus stop located on the south side of North Salem Street. If approval of the bus stop and/or sidewalk on the south side of North Salem Street is not permitted by CSX Railroad, NCDOT and/or the Town of Cary, installation of this sidewalk will not be a condition of this rezoning and will not prohibit or delay any approvals or permits of the residential development.

Prior to the non-residential final plat, a sidewalk will be constructed along the property frontage of Lots 5 and 6, continuing eastward to the proposed bus stop located on the south side of North Salem

Street. If approval of the bus stop and/or sidewalk on the south side of North Salem Street is not permitted by CSX Railroad, NCDOT and/or the Town of Cary, installation of this sidewalk will not be a condition of this rezoning and will not prohibit or delay any approvals or permits of the non-residential development.

At the intersection of Laura Duncan Road and North Salem Street, applicant shall install remaining two legs of the crosswalk with construction of the residential parcels. If approval of both (two) legs of the crosswalk are not permitted by CSX Railroad, NCDOT and/or Town of Cary, applicant will attempt approval of a single leg of crosswalk; if approval of a single leg of the crosswalk is not permitted by CSX Railroad, NCDOT and/or Town of Cary, installation of crosswalks at the intersection of Laura Duncan Road and North Salem Street will no longer be a condition of this rezoning and will not prohibit or delay any approvals or permits of the residential or non-residential developments.

Future right-of-way and/or easement dedication (Developer is flexible on locations) is provided as a part of this proposal for the following:

- Two Bus Stop Locations to promote public transportation (Along N. Salem St.)
- Future Traffic Circle near the N. Salem St. and Salem Church Rd. intersection. (This will be dedicated prior to non-residential final plat).
- Public Art Installation

# **ENVIRONMENTAL ADVISORY BOARD RECOMMENDATIONS**

The following environmental commitments were discussed and approved by the Apex Environmental Board on August 19, 2021. This summary describes each concern and how the applicant plans to address these recommendations.

#### #1: Project shall apply for sustainable building certification.

Response: The residential parcels shall apply for the National Green Building Standard Certification at the Bronze level and will be designed and constructed to meet those standards. The application process would begin at the start of architectural design for the residential buildings). The Certification would be obtained within 1 year of the building Certificate of Occupancy. A third-party energy management consultant will be contracted as a part of the design team to ensure that the standards are met.

#2: Pet waste stations shall be installed throughout the neighborhood.

Response: Pet waste stations shall be installed at 3 or more locations throughout the development.

#### #3: Site shall include electric vehicle charging stations.

Response: A minimum of 5% of the parking spaces shall be Electric Vehicle (EV) Charging spaces. EV charging spaces for the residential development shall be based on the number of parking spaces required by the UDO rather than the reduced parking ratio proposed by the PUD. EV charging spaces shall be provided in either surface or garage lots in accordance with UDO Sec. 8.3.11.

#### #4: Follow the International Dark Sky Association compliance standards.

Response: International Dark Sky Association Compliance Standards is already intended for this project, as this is a standard practice at all Castle Development sites.

a. Outdoor lighting shall be shielded in a way that focuses lighting to the ground.

- b. Lighting that minimizes the emission of blue light to reduce glare shall be used.
- c. Lighting with a color temperature of 3000K or less shall be used for outside installations.

**#5:** Reserve pervious surface areas for residents with pets.

Response: Since the EAB has reviewed the conceptual site plan, additional green space has been added to designate a dog park within the community.

#6: Recommendation of decreasing housing density to accommodate the following:

- Double the set-back from N. Salem Street/Old Raleigh to accommodate a minimum 30-foot-wide "A" type buffer.
- Provide an "A" type buffer around the remainder of the development.
- Use canopy trees in the parking lot and add six trees internal to the lot.
- Add a retention pond that will serve a 25-year storm with maximum residual volume allowed for the pond surface area.

Response:

- All setbacks and buffers have been adjusted to provide an appropriate width and screening for surrounding streets and properties. A 30' wide Type A Buffer and a 50' Building Setback have been added along the street frontage of N. Salem Street.
- Type A Buffers have been added to the remainder of the development.
- If site design allows, applicant agrees to install additional trees where appropriate.
- Due to site constraints, an underground detention system with other surface stormwater control measures will be proposed to detain and treat runoff from the 1- and 10- year/24-hour storm events.

#### #7: Install solar PV systems on the south facing rooftops of a minimum size that will support the common electrical energy requirements. This includes the recreational room and pool. If there is additional rooftop available, install solar energy PV systems that provide electricity to individual apartments.

Response:

- Applicant will install Solar PV System (minimum 4KW DC Solar PV System). to power community clubhouse building in residential area.
- Solar conduits will be installed in all residential buildings for future PV systems.

# TOWN OF APEX'S SUGGESTED CONDITIONS

In previous meetings, the Town Council has expressed several areas of concern. Below is a summary of how the applicant plans to address some of these concerns.

#### Concern #1: Affordable Housing

#### Response:

To support the need for affordable housing within the Town of Apex, the Developer proposes that for a minimum affordability period of five (5) years from the issuance of the first residential certificate of occupancy (the "Affordability Period), at least eight (8) residential dwelling units built on the Property shall be designated as affordable low-income restricted rental units (the "Affordable Dwelling Units"). The Affordable Dwelling Units shall be rented to and occupied by low-income households during the Affordability Period at maximum rent limits per bedroom size and income limits adjusted for family size, no greater than sixty percent (60%) of the Raleigh, NC Metropolitan Statistical Area (MSA) Area Median Income

(AMI) as most recently published by the U.S. Department of Housing and Urban Development (HUD) and stipulated by the most recently published North Carolina Housing Finance Agency (NCHFA) Low-Income Housing Tax Credit (LIHTC) Multifamily Tax Subsidy Program (MTSP) income and rent limits for the Wake Metropolitan area. Allocation of the Affordable Dwelling Units between 1, 2 and 3-bedroom units will be at the discretion of the Developer, so long as a minimum of eight (8) of the Project's total residential dwelling units are maintained as Affordable Dwelling Units. During the Affordability Period, the Developer shall be responsible for performing all property management and administration duties for the Affordable Dwelling Units. Following completion of the Affordability Period, this affordable housing condition shall expire, the Developer shall be relieved of all obligations set forth in this affordable housing condition, and the Affordable Dwelling Units may be freely marketed and leased at market-rate rents. A restrictive covenant (i.e. affordable housing agreement) between the Town and Applicant shall be recorded against the property prior to the first Certificate of Occupancy to memorialize the affordable housing terms and conditions of the approved zoning condition.

#### Concern #2: Tree Preservation

#### Response:

The existing site is mostly clear. However, areas around the perimeter include natural vegetation. A tree survey will be conducted to ensure the species and size of trees surrounding the site. Areas within a portion of the landscape buffers will be used for RCA. Any cleared areas designated as RCA shall be planted to the standards listed in the UDO.

A Type A Buffer is also proposed for all landscape buffers throughout the site. Although not anticipated, any existing trees greater than 18" in diameter that are removed by site development shall be replaced by planting a 1.5" caliper native tree from the Town of Apex Design and Development Manual either on-site or at an alternative location approved by Town Planning Staff, beyond standard UDO requirements.

Landscape will follow the Town's UDO to provide the required plantings on site throughout the development, as well.

#### Concern #3: Solar Energy

Response:

- Lots 2-4: The residential clubhouse building will incorporate a solar PV system (minimum 4KW DC Solar PV System). Solar conduits will be included in all residential buildings for potential future installations. All solar installation required by this condition shall be completed or under construction prior to the final building Certificate of Occupancy.
- Lot 6: No solar PV system requirement included.

# **NEIGHBORHOOD CONCERNS**

#### Concern #1: Traffic Impacts

Most common concern among all residents.

Community expressed traffic is already a major concern along adjacent spans of Laura Duncan Road, Salem Church Road, North Salem Street and Old Apex Road.

- A full Traffic Impact Analysis has been conducted and is part of this rezoning package.
- Based on the findings of that TIA, multiple improvements are proposed accommodate future traffic conditions. See "Right-of-Way Improvements" section above as well as the full TIA attached.
- Additionally, a separate TIA was conducted to compare the traffic impact of multiple by-right scenarios (office/commercial) to the proposed rezoned use (high-density residential).

- Based on the TIA findings, the proposed high-density residential development will generate significantly less traffic impact than if the properties were to be developed per the in-place, By-Right zoning designations. See full finding of traffic engineer's study attached to this submittal.
- Land shall be dedicated to the Town of Apex for a future traffic circle at Salem Church Road and North Salem St.
- Parking has been reduced to a minimum of 1.3 spaces per unit and a maximum of 1.6 spaces/unit to promote public transit.
- The project shall construct two bus stops to promote public transit.
- The proposed plan shall meet Town of Apex's Transportation plan and will include the necessary rightof-way width to accommodate for future roadway improvements.

#### Concern #2: Stormwater Runoff and Drainage

Neighboring property owners expressed concern that the increased impervious area in the development would create water runoff that current drainage conditions are not equipped to manage, creating erosion and flooding issues.

#### Response/Proposed Mitigation:

All Stormwater Control Measures and Erosion Control Measures will be designed to comply with the following:

- NC DEQ and Town of Apex standards and requirements
- Design will consider existing drainage patterns and maintain current discharge points.
- Maximum built-upon area will be 70% or less.
- All new stormwater runoff associated with development will be detained and treated per the Town's nutrient and peak flow requirements.
- All stormwater runoff will be reduced to pre-development conditions to ensure no net increase.
- May consist of above and underground detention facilities throughout the site. The best SCM will be chosen once design has begun.
- By-Right development of the site would have an equal or greater amount of impervious area.

# Concern #3: Proximity of Development to Neighboring Homes

Neighboring property owners to the east expressed concerns about proximity of their homes to the property line and the impact the new apartment buildings will have on their viewshed.

- Setbacks in these areas have been increased more than the 10-foot requirement where feasible.
- A voluntary 60-foot building setback has been added to eastern side of the site to reduce the impact to these neighbors.
- Development will preserve existing trees and plant additional trees on site to the greatest extent possible.
- All buffer types have been upgraded to a Type A Buffer surrounding the development for enhanced screening.
- All residential buildings will be a maximum of 4 stories, which has been reduced from the allowed 5story construction.

#### Concern #4: Property Devaluation

# Neighbors to the east expressed concern that the proximity of apartment buildings to their homes will devalue their property values.

#### Response/Proposed Mitigation:

- The subject properties were zoned for commercial uses in 1986, prior to the development of the nearby subdivisions (Linville Ridge, 1993) (The Trace, 2007) (Laurel Crossing, 2014)—therefore, development of these properties has been anticipated for as long as any of the homes have existed.
- The home devaluation concern reflects comparing the current home values (with an undeveloped field) to future home values (developed with apartments).
  - Future home values inclusive of a By-Right development should also be considered—By-Right development could include strip malls, gas stations, fast food drive-throughs, car washes, auto service stations and other businesses that are typically regarded as more obtrusive than apartments.
- The proposed rezoning will include voluntary building setbacks and increased buffer densities that ensure appropriate transitions to nearby residential uses.

#### Concern #5: Impact on School Capacity

Community expressed concerns that the apartment dwellings will lead to more school age children in a school system that is already at or over capacity.

#### Response/Proposed Mitigation:

- The proposed residential unit mix will cap 3-bedroom units at 10% of the total unit count.
- Applicant's comparable properties average fewer than .06 school age children per unit, which would yield 10-14 school age children at the proposed community.
- In similar projects (4-story, interior corridor) in the market, the number of school-aged children is further reduced.
- December 2019 (pre-pandemic levels) from applicable schools:
  - Laurel Park Elementary School had a capacity of 854 students and an enrollment of 888 students—operating at 104% of capacity
  - Salem Middle School had a capacity of 1,274 students and an enrollment of 1,027 students—operating at 80% of capacity.
  - Apex High School had a capacity of 2,222 students and an enrollment of 2,158 students—operating at 97% of capacity.
  - $\circ$   $\;$  None of these three schools are subject to enrollment caps.
- Wake County Public School System has reviewed the proposed rezoning application through the Wake County Residential Development Notification Database and has confirmed that schools at all grade levels with the current assignment area for the proposed rezoning/development are anticipated to have sufficient capacity for future students.

Concern #6: Pedestrian Safety

As part of the general traffic concern, residents expressed concerns around pedestrian safety resulting from the increased traffic—particularly due to the railroad track and nearby elementary school.

- Currently, sidewalks exist along the western side of Laura Duncan and along the north side of North Salem Street.
- During construction of the residential development, the developer shall ensure that a safe, paved pedestrian route shall be maintained from Linville Ridge Subdivision to Laurel Park Elementary School.
- A 10' side path will be added along the eastern side of Laura Duncan to connect with Town of Cary's side path.
- At the time of the development of the residential parcels, additional sidewalks (5'), ADA ramps and crosswalks will be added along the street frontage of all residential parcels to enhance pedestrian connectivity around the development. A sidewalk along the south side of North Salem Street will be constructed from the intersection of Laura Duncan Road westward to the proposed bus stop located on the south side of North Salem Street. If permission is not granted by CSX Railroad, installation of this sidewalk will not be a condition of this rezoning.
- Prior to non-residential final plat, a sidewalk will be constructed along the property frontage of Lots 5 and 6, continuing eastward to the proposed bus stop located on the south side of North Salem Street.
- At the intersection of Laura Duncan Road and North Salem Street, applicant shall install remaining 2 legs of the crosswalk with construction of the residential parcels. Additional crosswalks shall only be constructed if permitted by CSX Railroad, NCDOT and Town of Cary. Applicant recognizes that access to bus stop south of North Salem Street is critical and willing to install only one leg if both are not approved by governing parties.
- TIA analysis shows that By-Right development of the site would generate a higher traffic count and therefore greater potential impact on pedestrian safety.
- Site will be designed and constructed in full compliance with the traffic impact analysis, the Town of Apex and NCDOT's review and requirements.

#### Concern #7: Preservation of Existing Field and Open Space

The neighboring community has grown accustomed to and enjoys the open field condition of the site currently.

- Proposed site plan will dedicate 0.7 acres at the northwest corner of the site (Parcel 1) solely as greenspace. This will be used to count towards the RCA requirement as well as to provide a buffer between the neighboring property.
- 1.17 acres will also be dedicated RCA within the non-residential parcels (Parcel 5). The subject properties have been zoned for development since 1986, in one of the fastest growing MSAs in America—development of these properties, By-Right or otherwise, is unavoidable.

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# **APPENDIX**

# CASTLE DEVELOPMENT PARTNERS APEX, NORTH CAROLINA NORTH SALEM STATION MARCH 2022

# PROJECT DATA TABLE:

NAME OF PROJECT: NORTH SALEM STATION PREPARED BY: THE WOOTEN COMPANY 919-828-0531 120 N BOYLAN AVE RALEIGH, NC OWNER: OLD APEX ASSOCIATES LP 230 COURT SQUARE SUITE 202 CHARLOTTESVILLE, VA 22902

PURCHASER: CASTLE DEVELOPMENT PARTNERS 230 COURT SOUARE, SUITE 202 CHARLOTTESVILLE, VA 22902

CURRENT 2045 LAND USE: PROPOSED 2045 LAND USE: AREA OF TRACT(S):

HIGH DENSITY RESIDENTIAL HIGH DENSITY RESIDENTIAL 10.39 AC

AREA DESIGNATED AS MIXED USE OF 2045 LUM: 0 SF/0%

AREA OF MIXED USE PROPERTY PROPOSED AS NON-RESIDENTIAL DEVELOPMENT: 0 SF PERCENT OF MIXED USE AREA PROPOSED AS NON-RESIDENTIAL DEVELOPMENT: EXISTING AND PROPOSED GROSS SQUARE FOOTAGE OF BUILDINGS:

PROPOSED GROSS SQUARE FOOTAGE BY FLOOR AREA:

PROPOSED HEIGHT OF THE BUILDING AND NUMBER OF STORIES:

MAXIMUM OVERALL GROSS DENSITY

NUMBER OF PARKING SPACES REQUIRED:

**REQUIRED FRONT, SIDE, AND REAR YARD SETBACKS:** PRIMARY OR SECONDARY WATERSHED PROTECTION OVERLAY DISTRICT: INDICATE IF THE SITE CONTAINS A HISTORIC STRUCTURE RECOMMENDATION FROM THE PARKS AND RECREATION ADVISORY BOARD: 0% EX.: 0 SF

MULTIFAMILY: APPROX. 275,000 SF (TOTAL, 4 STORIES) COMMERCIAL/OFFICE: APPROX. 10,000 SF (TOTAL) 60' & MAX OF 4 STORIES (RESIDENTIAL) 40' & MAX OF 2 STORIES (NON-RESIDENTIAL)

23 UNITS/ACRE MAXIMUM 1.6 SPACES PER UNIT (239 UNITS) = 382 MINIMUM 1.3 SPACES PER UNIT (239 UNITS) = 311 SEE SETBACKS TABLE PRIMARY & SECONDARY NO FEE IN LIEU w/ REDUCTION OF FEE FOR CONSTRUCTION OF 10' SIDE PATH



VICINITY MAP 1" = 300'

# **INTERPOSED AND CASTLE DEVELOPMENT PARTNERS**



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SHEET INDEX COVER SHEET C-0.01 C-1.00 EXISTING CONDITIONS SHEET LAYOUT SHEET C-1.01

# PROGRESS DRAWING DO NOT USE FOR CONSTRUCTION

# SETBACK TABLE:

PARCEL #1: NONE (RCA)

PARCEL #2: REAR (N) - 5' SIDE (E) - 20' SIDE (W) - 0' FRONT (S) - 10

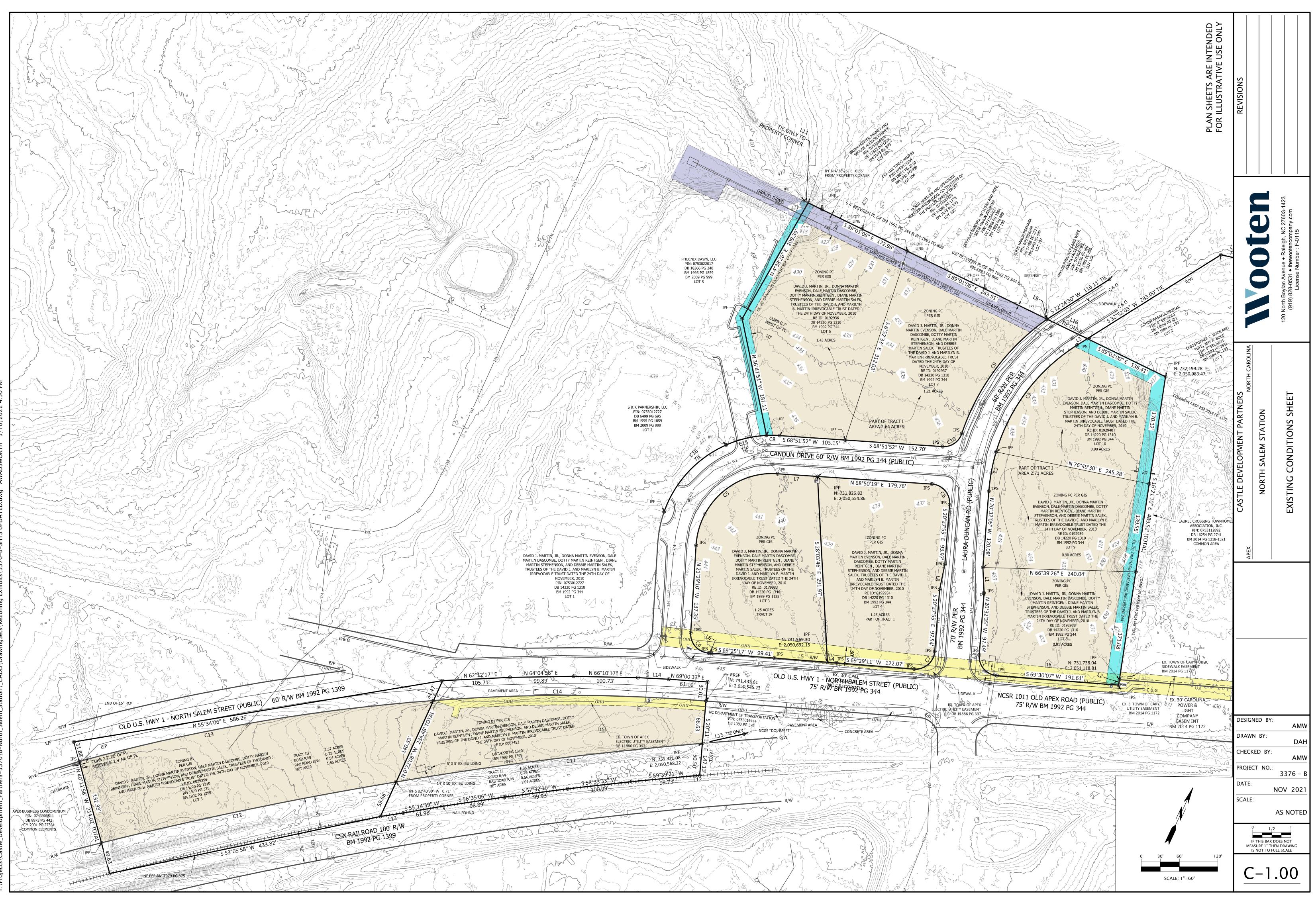
PARCEL #3: REAR (E) - 60' SIDE (N) - 5' SIDE (S) - 50' FRONT (W) - 50' & 20' PARCEL #4: REAR (N) - 10' SIDE (E) - 50' SIDE (W) - 10' FRONT (S) - 50'

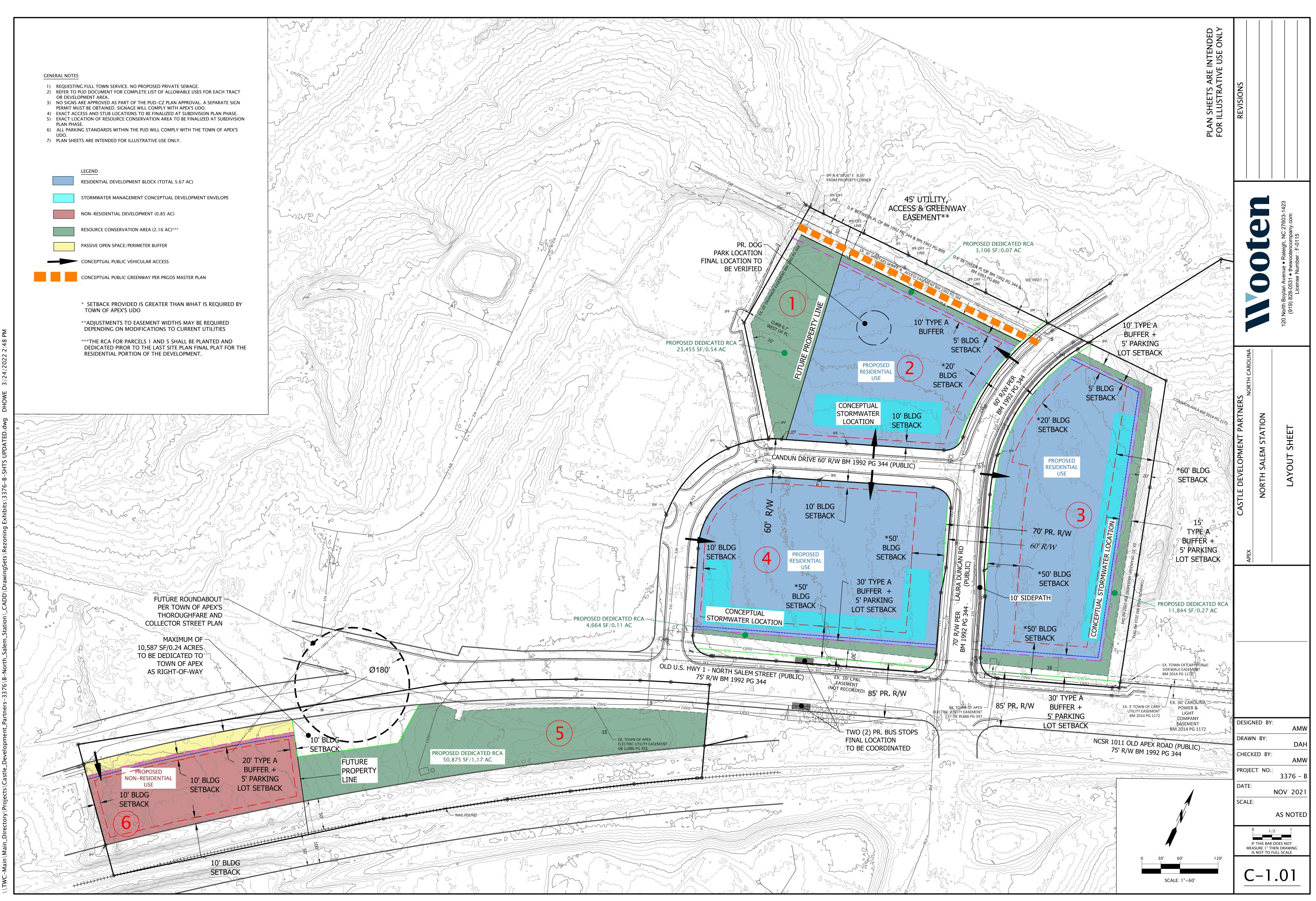
PARCEL #5: NONE (RCA)

PARCEL #6: REAR (S) - 10' SIDE (E/W) - 10' FRONT (N) - 10'



PROJECT AREA MAP 1" = 200'





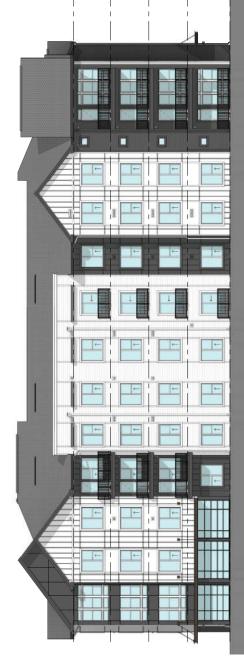


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# APEX MULTIFAMILY APEX, NORTH CAROLINA EXAMPLE IMAGERY CGBF2021-02





























# APEX NON-RESIDENTIAL APEX, NORTH CAROLINA EXAMPLE IMAGERY

