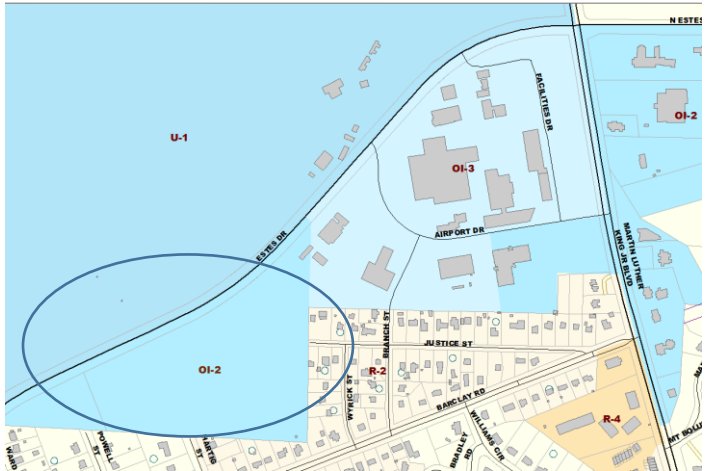




CONSIDER AN APPLICATION FOR ZONING ATLAS AMENDMENT - TOWN AND UNIVERSITY JOINT OPERATIONS CENTER

STAFF REPORT

TOWN OF CHAPEL HILL PLANNING AND DEVELOPMENT SERVICES
Ben Hitchings, Director
Judy Johnson, Operations Manager

PROPERTY ADDRESS 1050 Estes Drive, PINs 9789-24-7373 and 9789-03-3163	DATE March 27, 2018	APPLICANT Town of Chapel Hill, University of North Carolina-Chapel Hill
STAFF RECOMMENDATION That the Environmental Stewardship Advisory Board, Community Design Commission, Transportation and Connectivity Advisory Board, Stormwater Management Utility Advisory Board, and Planning Commission review, provide comments, and make a recommendations on the draft development agreement standards. That the Planning Commission make a recommendation on the rezoning to the Town Council.		
STAFF ANALYSIS The applicant is proposing development standards suited for the context of this application. See staff analysis for additional detail.		
PROCESS The Town Council has asked that the Advisory Boards and Commissions make a recommendation to the Council on the Town and University Joint Operations Center Development Agreement. The rezoning application requires Planning Commission review and Town Council action, and the Council asked for Boards & Commissions to provide their feedback prior to review by Town Council. Six community work shops have been held to develop the project. Draft development agreement standards are provided as an attachment. Council will receive a full draft development agreement following advisory board and commission review.	DECISION POINTS • Development Agreements allow for customized development standards. • This Development Agreement is between the Town and UNC Chapel Hill. • Full build-out contains 200,000 square feet; up to 50% may be occupied by the Town. • Stormwater management for the entire site will be provided with the first phase of development. • A 100'+ landscape buffer will be provided adjacent to residential properties.	
PROJECT OVERVIEW The Council authorized the Town Manager and Attorney to negotiate with the University of North Carolina to draft a development agreement that, if approved, would govern and regulate development of this property. This project will contain the Town's future Municipal Services Center and future University uses on an approximately 20- acre site, owned by the University. The Town is pursuing a 99-year lease and the first phase of development is expected to be the 72,000 square foot Municipal Services Center. There is no current timeline for the other buildings. The property is zoned Office-Institutional-2 (OI-2) and would be rezoned to University-1 (U-1) to accommodate a development agreement.	PROJECT LOCATION 	
ATTACHMENTS	1. Project Summary Form 2. Application Form and Materials 3. Draft Development Agreement Standards 4. Proposed Permitted Land Uses 5. Submitted Plans	

TECHNICAL REPORT

Connections to other Documents:

Town staff has reviewed this application for compliance with the themes from the [2020 Comprehensive Plan](#)¹, the standards of the [Land Use Management Ordinance](#)², and the [Town of Chapel Hill, NC : Design Manual and Standard Details](#)³ and offers the following evaluation:

Comprehensive Plan Themes: The following are themes from the 2020 Comprehensive Plan, adopted June 25, 2012:

Council Goals:

☒		Create a Place for Everyone	☒		Develop Good Places, New Spaces
☒		Support Community Prosperity	☐		Nurture Our Community
☐		Facilitate Getting Around	☐		Grow Town and Gown Collaboration

Staff believes the Development Agreement proposal complies with the above themes of the 2020 Comprehensive Plan.

Land Use Plan: The [2020 Land Use Plan](#)⁴, a component of the 2020 Comprehensive Plan, designates this site for University-other land use, which includes public use facilities and university land uses.

Intensity:

The University-1 (U-1) zoning district does not regulate floor area, setbacks, building heights, or impervious surface.

DEVELOPMENT STANDARDS

Accompanying this report as an attachment is a draft list of development standards that will be incorporated into the Development Agreement.

Permitted Land Uses: Land uses permitted within the University-1 (U-1) zoning district are similar to those permitted within the Office/Institutional-4 (OI-4) zoning district. Some of the land uses permitted within the Office/Institutional-4 (OI-4) zoning district are incompatible with this site program or the surrounding properties, and are proposed to be removed from the list including adult day care, bank, barber shop/beauty salon, club, residential, hotel, and other uses. A list of permitted land uses is provided as an attachment.

Phasing: The project will be entitled through a Development Agreement, which allows for long-term implementation of the development program. The Town's Municipal Services Center, an approximately 72,000 sq. ft. building located in the center of the site, is the first phase of construction, as well as project infrastructure. This building will contain several

¹ <http://www.townofchapelhill.org/home/showdocument?id=15001>

² https://www.municode.com/library/#!/nc/chapel_hill/codes/code_of_ordinances?nodeId=CO_APXALAUSMA

³ <http://www.townofchapelhill.org/town-hall/departments-services/public-works/engineering/design-manual-and-standard-details>

⁴ <http://www.townofchapelhill.org/home/showdocument?id=1215>

Town services including police, fire, housing, parks, technology solutions, and the ombudsman office.

The first phase of development will include necessary infrastructure for the Municipal Services Center including all parking necessary for the building; a driveway with two access points to Estes Drive; stormwater management facilities to treat the total impervious surface anticipated at buildout; pedestrian and bicycle connections, and transportation improvements including a bus stop.

TRANSPORTATION AND CIRCULATION

Vehicular Access & Parking Areas: The project will be accessed by Estes Drive at two points, necessary for emergency service access. Parking will be provided both in surface lots as well as in a parking decks. The parking is located away from adjacent residential properties. The buildout of total parking capacity is not anticipated with the first phase of construction, but rather parking will be provided in the amount to serve each building as it's constructed.

A maximum of 615 parking spaces are proposed across the site. This parking tabulation includes parking spaces necessary for storage of police vehicles that will not be used by employees or visitors to the Municipal Services Center. Shared parking between the University and the Town services would be encouraged.

Traffic Impact Study & Transportation Improvements: A Traffic Impact Study (TIS) was performed for this application and reviewed by the North Carolina Department of Transportation (NCDOT). The Town is committed to providing the recommended improvements to Estes Drive that are directly required for left-turn access into the site from Estes Drive. The Traffic Impact Study also recommends a second left-turn lane on eastbound Estes Drive to northbound Martin Luther King Junior Boulevard, which will be provided.

Pedestrian Connectivity & Transit: A greenway will be constructed along the property's frontage on Estes Drive and a connection into the site from the Elkin Hills neighborhood will be provided. These improvements are included in the Town's Mobility & Connectivity Plan. The greenway connection from Elkin Hills is anticipated to access via Hartig Street. A second greenway connection from Justice Street is being considered, although this connection requires crossing the Resource Conservation District.

Bicycle Access & Parking: Bicycle lanes are proposed for Estes Drive, and the project will provide bicycle parking on-site in accordance with LUMO standards. Bicycle parking will be provided with each phase of development.

Transportation Management Plan: A transportation management plan shall be provided.

ENVIRONMENTAL REPORT

This section includes information regarding stormwater management, streams, and environmental impact.

Resource Conservation District Encroachment: Two intermittent streams exist on the property and flow in a southerly direction. A 50 foot Resource Conservation District buffer is required for each of these streams and the western stream will be have an internal drive aisle crossing.

Jordan Buffer: The project is required to meet Jordan Watershed Stormwater requirements for Nitrogen and Phosphorous removal as this project is located on State owned property.

Stormwater Management: Stormwater management will be provided in bio-retention basins, and will exceed the minimum Town stormwater management requirements. Stormwater management will exceed the 25-year, 24-hour storm event. The project aims to provide maximum stormwater volume control using bio-retention basins located within the proposed development footprint. The first one inch of precipitation shall be treated to remove 85 percent of total suspended solids of all new impervious surfaces resulting from development anticipated at full build-out by the Town and the University.

Impervious Surface: The project effort will treat stormwater for all new impervious surface. The final amount of impervious surface will be determined in the Site Development Permit Application, in coordination with the proposed Development Agreement site plan. The University-1 (U-1) zoning district does not have a maximum permitted amount of impervious surface, although the project will not exceed 70% impervious surface, and the site design anticipates an impervious surface coverage well below this standard based upon the general site layout.

DESIGN REPORT

This section includes information on landscaping, trees, building elevations, and lighting.

Tree Canopy & Buffer: The project includes a minimum of 40 percent tree canopy, in accordance with Town standards for institutional land uses. A 100 foot buffer consisting of existing vegetation is proposed at the southern and eastern perimeters of the site, adjacent to the residential properties. This buffer may be enhanced with additional screening such as creation of a berm, or planting of evergreen trees and shrubs. The location of a berm or additional screening is anticipated to be closer to the Municipal Services Center to avoid land disturbance within the buffer area.

Tree Save Areas: A minimum of a 100 foot existing forested area will be maintained along the southern and eastern perimeters.

Parking Lot Landscaping: New parking areas shall be landscaped in accordance with Town standards and University standards.

Building Architecture: The buildings are proposed to be 3-4 stories tall, and buildings will use existing grades to the extent possible. Final building architectural design and materials selection shall be reviewed with a site development permit and all building architecture, whether Town or University-occupied, would be approved by the University's Development Review Committee and Board of Trustees with a courtesy review by the Community Design Commission.

Lighting: Light fixtures must contain glare cut-off shields, and no greater than 0.3 foot-candles of illumination will be permitted to trespass the property line. A lighting plan will be reviewed with the site development permit. The project will be designed with glare control light fixtures, and use of timed or photocell lights is being evaluated

EMERGENCY SERVICES REPORT

This section of the report addresses public safety access.

Fire Access: The buildings are anticipated to be 3-4 stories tall, which will require aerial apparatus fire access. The central plaza area will be designed to accommodate emergency service vehicles and adequate fire access shall be provided.



Project Summary

Overview

Site Description	
Project Name	Municipal Services Center
Address	1050 Estes Drive, Parcel Identification Numbers 9789-24-7373, 9789-03-3163
Property Description	20.7 acres south of Estes Drive, across from the Park & Ride
Existing Use	Vacant
Existing Zoning	Office/Institutional-2 (OI-2)
Proposed Zoning	University-1 (U-1)

The University-1 District standards refer to the Office/Institutional-4 (OI-4) standards in Table 3.8.1: Dimensional Matrix

Regulatory Land Use Intensity for Rezoning and Draft Development Agreement

	Topic	Comment	Advisory Board/Council	Status
Development Intensity	Use/Density (Sec. 3.7)	College/University and Public Use Facility permitted land uses within University-1.	PC	✓
	Dimensional Standards (Sec. 3.8)	Maximum: not applicable Proposed: 4 stories	C	✓
	Lot Size (Sec. 3.8)	Minimum: 2,000 sq. ft. Proposed: 982,278 sq. ft. (22.5 acres)	PC	✓
	Floor area (Sec. 3.8)	Maximum: not applicable Proposed: 200,000 sq. ft.	PC	✓
	Modifications to Regulations (Sec. 4.5.6)	standards are provided in development agreement	PC	✓
	Open Space/Recreation Area (Sec. 5.5)	Not Applicable to Institutional Land Use		NA
	Adequate Public Schools (Sec. 5.16)	Not Applicable to Institutional Land Use		NA
Housing	Inclusionary Zoning (Sec. 3.10)	Not Applicable to Institutional Land Use		NA
Landscaping	North Buffer (Estes Drive) (Sec. 5.6/Design Manual)	Required: 30 foot type D buffer Provided: 7 foot (included as standard in Development Agreement)	C	DA
	South Buffer (Sec. 5.6/Design Manual)	Required: 20 foot type C buffer Provided: 100 foot (existing vegetation).	CDC	✓

	East Buffer (Sec. 5.6/Design Manual)	Required: 20 foot type C buffer Provided: 100 foot (existing vegetation).	CDC	✓
	Tree Canopy (Sec. 5.7.2)	Required: 40% Proposed: greater than 40%	CDC	✓
	Lighting Plan (Sec. 5.11)	0.3 foot-candles at property line	Technical	✓
Environmental	Resource Conservation District (RCD) (Sec. 3.6)	50 foot RCD buffers adjacent to each of the intermittent streams.	ESAB	✓
	Erosion and Sedimentation Control (Sec. 5.3.1)	More than 1 acre of land disturbance proposed, Performance bond required.	Technical	✓
	Steep Slopes (Sec. 5.3.2)	Meet LUMO standards	Technical	✓
	Stormwater Management (Sec. 5.4)	Bio-retention basins will be used to treat new impervious surface for 85% Total Suspended Solids (TSS) removal and phosphorous and nitrogen removal. Stormwater volume control will exceed Town requirements for the 25 year 2-hour storm.	ESAB	✓
	Land Disturbance (Sec. 3.6)	To be determined.	ESAB	✓
	Impervious Surface (Sec. 3.8)	70% (LUMO standard).	ESAB	✓
	Jordan Riparian Buffer (Sec. 5.18)	Jordan Buffer nutrient control is provided.	ESAB	✓
Access & Circulation	Road Improvements (Sec. 5.8)	- A dedicated left-turn into each of the site driveways. - A center-turn lane on Estes Dr. from site to Martin Luther King Jr. Blvd.	TCAB	✓
	Vehicular Access (Sec. 5.8)	Two driveways are proposed.	TCAB	✓
	Bicycle Improvements (Sec. 5.8)	- Bicycle lanes on Estes Drive. - Bicycle parking in accordance with LUMO	TCAB	✓
	Pedestrian Improvements (Sec. 5.8)	Greenway to be constructed adjacent to Estes Drive, and from the site to Hartig Street. A greenway connection to Justice Street is being evaluated.	TCAB	✓
	Vehicular Parking (Sec. 5.7)	Minimum: 571 spaces. Provided: 615 parking spaces, including police vehicle parking.	TCAB	✓
	Transit Improvements	Bus stop installed with shelter, lighting, and amenities along frontage	TCAB	✓
	Bicycle Parking (Sec. 5.9)	Minimum: 100 spaces Provided: greater than 100 spaces	TCAB	✓

	Parking Lot Standards (Sec. 5.9)	Meet LUMO standards.	TCAB	
	Fire	Aerial apparatus fire access provided	FP	
	Solid Waste and Recycling (Sec. 5.13)	A Solid Waste Management Plan will be submitted.	Orange County Solid Waste	

Project Summary Legend

Symbol	Meaning	Symbol	Meaning
	Meets LUMO Requirements	CDC	Community Design Commission
DA	Development Agreement Modification	HAB	Housing Advisory Board
C	Requires Council Endorsement	TCAB	Transportation and Connectivity Board
FP	Required at Final Plan;	ESAB	Environmental and Sustainability Board
NA	Not Applicable	OCSW	Orange County Solid Waste
PC	Planning Commission	NCDOT	North Carolina Department of Transportation

ZONING ATLAS AMENDMENT APPLICATION



TOWN OF CHAPEL HILL
Planning Department
405 Martin Luther King Jr. Blvd
phone (919) 969-5066 fax (919) 969-2014
www.townofchapelhill.org

Parcel Identifier Number (PIN): 9789-24-7373, 9789-03-3163 Date: March 8, 2018

Section A: Project Information

Project Name: Town and University Joint Services Center
Property Address: Unaddressed Zip Code: 27514
Use Groups (A, B, and/or C): B Existing Zoning District: OI-2
Project Description: A rezoning from OI-2 to U-1 to facilitate a Development Agreement that will allow for the Town Municipal Services Center and future University Uses.

Section B: Applicant, Owner, and/or Contract Purchaser Information

Applicant Information (to whom correspondence will be mailed)

Name: Aaron Frank, Town of Chapel Hill Planning & Development Services
Address: 405 Martin Luther King Jr. Blvd
City: Chapel Hill State: NC Zip Code: 27514
Phone: 919-969-5059 Email: afrank@townofchapelhill.org

The undersigned applicant hereby certifies that, to the best of their knowledge and belief, all information supplied within this application is true and accurate.

Signature: [Signature] Date: 3/15/18

Owner/Contract Purchaser Information (9789-24-7373):

☐ Owner

☐ Contract Purchaser

Name: The University of North Carolina at Chapel Hill
Address: 300 South Building - CB #1000
City: Chapel Hill State: North Carolina Zip Code: 27599-1000
Phone: 919-962-3795 Email: annaw@fac.unc.edu

The undersigned applicant hereby certifies that, to the best of their knowledge and belief, all information supplied within this application is true and accurate.

Signature: [Signature] Date: 03.15.2018



**ZONING ATLAS AMENDMENT APPLICATION
SUBMITTAL REQUIREMENTS**
TOWN OF CHAPEL HILL
Planning Department

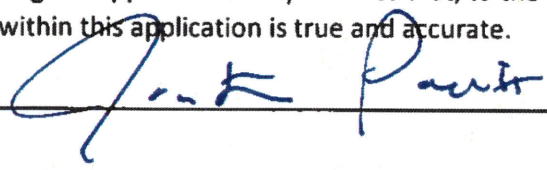
Owner/Contract Purchaser Information (9789-03-3163):

☐ **Owner**

☐ **Contract Purchaser**

Name: Trustees, University of North Carolina at Chapel Hill Endowment Fund
Address: 300 South Building – CB #1000
City: Chapel Hill State: North Carolina Zip Code: 27599-1000
Phone: 919-962-3795 Email: jpruitt@unc.edu

The undersigned applicant hereby certifies that, to the best of their knowledge and belief, all information supplied within this application is true and accurate.

Signature: 

Date: 3-15-2018

The following must accompany your application. Failure to do so will result in your application being considered incomplete. For assistance with this application, please contact the Chapel Hill Planning Department (Planning) at (919) 969-5066 or at planning@townofchapelhill.org. For detailed information, please refer to the Description of Detailed Information handout.

N/A	Application fee (refer to fee schedule)	Amount Paid \$	N/A
Yes	Pre-Application Meeting – with appropriate staff		
Yes	Digital Files – provide digital files of all plans and documents		
Yes	Mailing list of owners of property within 1,000 foot perimeter of subject property (see GIS notification tool)		
N/A	Mailing fee for above mailing list	Amount Paid \$	
Yes	Written Narrative describing the proposal		
Yes	Statement of Justification		
Yes	Digital photos of site and surrounding properties		
Yes	Legal description of property to be rezoned		
Yes	Phasing Plan (if applicable) indicating phasing boundaries and phasing notes		
Yes	Reduced Site Plan Set (reduced to 8.5" x 11")		

Plan Sets (10 copies to be submitted no larger than 24" x 36")

Plans should be legible and clearly drawn. All plan set sheets should include the following:

- Project Name
- Legend
- Labels

- North Arrow (North oriented toward top of page)
- Property Boundaries with bearing and distances
- Scale (Engineering), denoted graphically and numerically
- Setbacks
- Streams, RCD Boundary, Jordan Riparian Buffer Boundary, Floodplain, and Wetlands Boundary, where applicable

Area Map

- a) Project name, applicant, contact information, location, PIN, & legend
- b) Dedicated open space, parks, greenways
- c) Overlay Districts, if applicable
- d) Property lines, zoning district boundaries, land uses, project names of site and surrounding properties, significant buildings, corporate limit lines
- e) 1,000 foot notification boundary

Town University Joint Services Center Rezoning Application

Written Narrative

March 14, 2018

Orange County PINs 9789-24-7373, 9789-03-3163, ~20.55 acres

Introduction & Background

The Town has identified the need for a new Municipal Service Center facility and initiated an effort to identify potential sites that would meet the functional, operational, and location needs for several Town departments including the police, parks and recreation administration, fire department administration, health and wellness clinic, ombuds, and training. The Town also recognized this as an opportunity to facilitate increased collaboration, shared training, operations, and public services for Town operations.

The Town tested the capacity of a University-owned site on Estes Drive, recognizing that a coordinated effort could meet long-term interests for both the Town and the University. The site-test shows that there is a significant opportunity to develop a plan for the property that respects the site constraints, the neighboring properties, and complements the planned Carolina North campus. Co-location of certain functions could enhance operations, facilitate shared responses, and encourage joint training and planning for public safety or other uses.

In 2017, Town Council authorized the Town Manager to proceed with a development agreement for the site, and separately in 2017 the University Board of Trustees agreed to consider a lease that would set the groundwork for the Town and University to move forward with a project.

The “property” consists of two unaddressed parcels 9789-24-7373, 9789-03-3163, owned by the University of North Carolina and the University of North Carolina Endowment Fund, respectively. The project area contains approximately 20.55 acres. Of the 9789-24-7373 parcel, the project only encompasses the portion of this parcel that is currently zoned Office Institutional-2.

Property Rezoning & Development Agreement

The property is proposed to be rezoned from Office/Institutional-2 (OI-2) to University-1 (U-1) to allow for a maximum of 200,000 square feet, up to 50% of which may be occupied by the Town. The Town proposes to develop a portion of the property first with the future Town Municipal Services Center in an approximately ~72,000 square foot building. A 99 year lease is proposed and will accommodate the long-term timeline for future development of additional University and Town buildings.

The rezoning is proposed from Office/Institutional-2 to University-1 to facilitate the companion development agreement. A development agreement is an instrument suited to permit long-range implementation of a development program, shared infrastructure between the University and the Town, and a customized set of development standards. The University-1 (U-1) district is designed as a carrying district for a development agreement authorizing public uses such as civic and university uses, which are being proposed. The baseline permitted land uses within a U-1 zoning district are those within the Office/Institutional-4 district, a district designed primarily for University uses. The proposed permitted land uses with this application are refined further from this list to reflect compatibility with neighboring properties and the programmatic needs of the Town and the University. Notably, certain

land uses that are permitted within U-1 but generally regarded as more intense, such as *General Business, Service Stations*, will be prohibited by this Development Agreement.

A conceptual site plan accompanies the rezoning application and provides the anticipated general building and infrastructure layout of the site. This site plan was designed with input from adjacent property owners and University representatives. Site specific standards regarding site design and performance standards are proposed in the development agreement that reflect these conversations. Notably, vehicular access is prohibited to the south through the Elkin Hills neighborhood, buildings have been pushed towards Estes Drive, and a 100'+ vegetated buffer is proposed adjacent to the neighborhood to provide a harmonious transition to the adjacent neighborhood.

Draft development agreement standards are provided as an attachment to this application and will be refined further with continued discussion with community members, advisory boards, Town staff, and University staff. Six focused community meetings were held with community members prior to review by advisory boards and commissions.

Project Description

The University-1 zoning district intends for public or private development notably for university and civic uses. While the first user will be the Municipal Services Center the order of following development phases remains to be determined. However, the Municipal Services Project aims to limit the development envelope only to earthwork necessary for the Municipal Services Center and associated infrastructure. The infrastructure included in the first phase of development will include two vehicular accesses (as required for police access), parking only as needed for the Municipal Services Center (to limit development footprint), and stormwater management facilities that will meet the stormwater quantity and quality requirements for the anticipated full build-out by the Town and the University.. Stormwater management is anticipated through bio-retention basins, located at the southern portions of the site. These facilities are planned at depressed areas of the site to accommodate natural drainage patterns to the extent possible within the existing development footprint.

The project is designed with a centralized plaza between the primary buildings of the site, and a drive aisle will encircle the buildings leading to the two vehicular accesses; one of which is planned to match with the UNC park & ride access. Buildings have been brought towards Estes Drive in order to allow for greater buffering from the Elkin Hills neighborhood, and buildings and parking structures are proposed to be constructed into the hillside to limit relative height and land disturbance required for construction.

A 100'+ buffer of existing vegetation is proposed and a buffer is provided adjacent to the intermittent streams located on-site. Sanitary sewer will be connected from the south via Hartig Street, and a break in the buffer is required for this utility connection. A greenway is proposed to connect Justice Street to the Municipal Services Center for a non-vehicular connection as proposed in the Mobility & Connectivity Plan.

Three intermittent streams are located on the property and no development is planned within the 50' RCD except for the internal drive aisle, which is designed to cross the RCD perpendicularly to minimize disturbance.

Rezoning Statement of Justification
Town University Joint Services Center
March 21, 2018

Introduction

The Town and the University of North Carolina are seeking a rezoning from Office-Institutional-2 (OI-2) to University-1 (U-1) to facilitate the development of Town and University services on University-owned land. A rezoning to U-1 is necessary in order to accommodate the Development Agreement proposed between the Town and University. A Development Agreement is the appropriate zoning instrument to facilitate a long-term development partnership between the Town and University. The Town is pursuing a 99-year lease and build-out is anticipated within this period; a Special Use Permit would not allow for a long-term build-out during this timeframe. A total of 200,000 square feet of floor area, of which up to 50% may be occupied by the Town, is proposed across multiple buildings, and the Town anticipates constructing the Municipal Services Center in the immediate future to address Town needs. The remaining balance of square footage will be constructed by the University and the Town within the lease period although a timeline has not been established.

The project exists on two parcels, one of which contains the existing Giles Horney Building and other University services along Airport Drive. A zoning change is only requested for the OI-2-zoned portion of the property.

Compatibility with the Comprehensive Plan

This statement of justification demonstrates how the project aligns with goals of the Comprehensive Plan.

A Place for Everyone

The Municipal Services Center and surrounding grounds will be publicly accessible and the site will feature a pedestrian plaza, trails, and open space that may be used as amenities by the public. A design goal for the project is to create a pleasurable environment both for employees who work at the Municipal Services Center as well as for members of the public who visit the site. Ideally this property will be an amenity for nearby residents as well. The site will be accessible by multiple modes of transportation utilizing a proposed bus stop on Estes Drive, a greenway connection to Justice Street, and bicycle lanes on Estes Drive.

- *Family-friendly, accessible exterior and interior places throughout the town for a variety of active uses (PFE.1)*
- *A creative place to live, work, and play because of Chapel Hill's arts and culture (PFE.2)*
- *A community of high civic engagement and participation (PFE.5)*

Getting Around

The project is sited and designed in a way to promote multi-modal transportation opportunities for employees and visitors of the site. The users of the first phase of project development will be Town

employees, who are encouraged by the Town to use a variety of commuting options. The site is situated to capitalize on multi-modal transportation opportunities in the following ways:

Transit: The project site is located on Estes Drive and directly served by the NU and HS transit routes, and is less than half a mile from Martin Luther King Jr. Blvd, served by NS, G, T, and A routes. A bus stop is planned for on Estes Drive.

Bicycle: The property will be accessed by bicycle through bicycle lanes that may be provided on Estes Drive Extension, and bicycle parking shall be provided to meet Town standards. A Transportation Management Plan shall be submitted and reviewed on an annual basis to meet the Town's satisfaction.

Pedestrian: A greenway is proposed into the site via Justice Street and will provide connectivity and recreational opportunities for users of the municipal services center as well as residents from the surrounding neighborhood. A greenway may also be constructed along Estes Drive to provide future pedestrian connectivity along this roadway.

Vehicular parking shall be built to serve the phases as they are constructed in order to minimize the development envelope.

- *A well-conceived and planned, carefully thought-out, integrated, and balanced transportation system that recognizes the importance of automobiles, but encourages and facilitates the growth and use of other means of transportation such as bicycle, pedestrian, and public transportation options (GA.1)*
- *A connected community that links neighborhoods, businesses, and schools through the provision of greenways, sidewalks, bike facilities, and public transportation (GA.2)*
- *Create a comprehensive transportation system that provides everybody safe and reasonable access to all the community offers (GA.5)*
- *A transportation system that accommodates transportation needs and demands while mitigating congestion and promoting air quality, sustainability, and energy conservation (GA.6)*

Nurturing Our Community

This project is being designed in an environmentally conscious manner and LEED certification is being pursued. The building siting and orientation is designed to optimize southern building exposure for winter solar gain, and the buildings will feature natural daylighting to minimize energy usage. The building is designed to optimize collaborative and shared spaces for the multiple users of the building, both creating an innovative work environment as well resulting in a more efficient project footprint, resulting in economic and carbon reductions. The general siting of the Municipal Services Center in this location is necessary for police to provide fast response time, as well as to locate other Town services in a centralized location within the Town.

Stormwater management may be provided in bio-retention basins and will meet or exceed the minimum Town stormwater management requirements. Stormwater rate management is anticipated to exceed the 25-year, 24-hour storm event and the stormwater volume management may exceed the 2-year, 24-hour storm event. The final conditions and type of stormwater control measure will be determined when final engineering is performed. The project aims to provide maximum stormwater volume and rate control using bio-retention

basins located within the proposed development footprint. The first one inch of precipitation shall be treated to remove 85% of total suspended solids of all new impervious surfaces resulting from development anticipated at full build-out by the Town and the University, and the project shall meet Jordan Watershed Stormwater requirements for Nitrogen and Phosphorous removal. The Jordan Watershed Stormwater requirements for Nitrogen and Phosphorus are required as this project is located on State owned property and remains subject to these requirements.

A 50' RCD buffer is provided surrounding each of the intermittent streams of the site, and the driveway crossing has been designed to cross the buffer area in a perpendicular manner to reduce encroachment.

Attention has been given to the impact of stormwater runoff, light, noise pollution, and traffic to the adjacent neighborhood. The project will be designed with glare control light fixtures, and use of timed or photocell lights is being evaluated. The location of buildings has been designed close to Estes Drive in response to community feedback about visual impact of buildings to the surrounding properties.

Vehicular traffic is prohibited from the Elkin Hills neighborhood to prevent any traffic impacts to this residential area. A Transportation Impact Analysis has been performed and improvements to Estes Drive including a dedicated center turn lane will be provided.

- *Maintain and improve air quality and water quality, and manage stormwater to heal local waterways and conserve biological ecosystems within the town boundaries and the Extra Territorial Jurisdiction (NOC.2)*
- *Reduce the carbon footprint of all Town-owned or managed services and properties; require that all new development meets standards; and support residents in minimizing their personal footprints (NOC.7)*
- *Protect neighborhoods from the impact of development such as stormwater runoff, light and noise pollution, and traffic (NOC.8)*

Good Places, New Spaces

This project is a result of coordination between the University (property owner) and the Town to utilize the property that fits the needs of both the users, visitors of the property, as well as adjacent property owners. Environmental protection is proposed by consciously limiting the development envelope and maintaining a vegetative buffer along the periphery of the site. This project will serve an integral role in the Town's growth by offering new space for critical Town services, and also serving as an open gathering space accessible to the community.

The proposed use aligns with the future land use map and the form and density is proposed in such a manner to meet Town needs while maintaining compatibility with adjacent properties.

- *A joint Town/University development strategy that aligns initiatives for transportation, housing, environmental protection, and entrepreneurial programs (GPNS.4)*
- *Open and accessible common spaces for community gathering, cultural uses, and community development (GPNS.7)*
- *Future land use, form, and density that strengthen the community, social equity, economic prosperity, and natural environment (GPNS.8)*

Town and Gown Collaboration

This project is a collaborative effort between the Town and University to meet respective organizational interests while respecting the land and adjacent properties. Prior to filing of this rezoning application the Town project team has met several times with community members, University stakeholders, and reported project progress to Town Council to receive feedback.

- *The University, the UNC Health Care System, and the Town will coordinate closely to manage development in ways that respect history, traditions, and the environment while fostering revitalization and innovation (TGC.5)*

Municipal Services Center Photographs

View of site from Justice Street



View of site from Hartig Street



View of site from Powell Street



View from northeast



View from Southeast



View from Park & Ride



9.78E+09	GOFORTH I PO BOX 20 RALEIGH NC	2.76E+08
9.78E+09	POWELL AS 604 IRONW CHAPEL HII NC	27516
9.78E+09	DAVIS LESL 100 EASTRICHAPEL HII NC	2.75E+08
9.78E+09	GARRETT N 108 HARDV CHAPEL HII NC	27516
9.78E+09	THACKER C 109 HARDV CHAPEL HII NC	27516
9.78E+09	FARLEY WII 105 HARDV CHAPEL HII NC	27516
9.78E+09	ADALSTEIN 104 EASTRICHAPEL HII NC	2.75E+08
9.78E+09	HARDY RAL 616 IRONW CHAPEL HII NC	27516
9.78E+09	HEWETT C/ 104 BURLW CHAPEL HII NC	2.75E+08
9.78E+09	SHYAM KAI 101 EASTRICHAPEL HII NC	27516
9.78E+09	WILLIAMS ` 102 BURLW CHAPEL HII NC	27517
9.78E+09	BAKER TAN 101 NORTH CHAPEL HII NC	2.75E+08
9.78E+09	GAERTNER 103 EASTRICHAPEL HII NC	27516
9.78E+09	CHEN TSUN 105 EASTRICHAPEL HII NC	2.75E+08
9.78E+09	ORANGE U 1220 MAR` CHAPEL HII NC	27514
9.78E+09	POON CHI I 102 NORTH CHAPEL HII NC	27516
9.78E+09	BROWN M. 102 MARIG CHAPEL HII NC	2.75E+08
9.78E+09	WRIGHT ST 103 MARIG CHAPEL HII NC	27516
9.78E+09	KUCERA JO 104 NORTH CHAPEL HII NC	27516
9.78E+09	DENT GEO F 106 NORTH CHAPEL HII NC	2.75E+08
9.78E+09	SUBRAMAN 108 NORTH CHAPEL HII NC	27516
9.78E+09	WHITEHEA 104 MARIG CHAPEL HII NC	2.75E+08
9.78E+09	BURK ALBE 105 MARIG CHAPEL HII NC	2.75E+08
9.78E+09	PENDZICH I 110 NORTH CHAPEL HII NC	2.75E+08
9.79E+09	WASHINGT 320 SEVERI CHAPEL HII NC	27516
9.79E+09	WANG TIAI 301 SEVERI CHAPEL HII NC	27516
9.79E+09	MCCOMBS 8211 TERR NORTHVILL MI	48167
9.79E+09	AUFDERHA 805 WARD CHAPEL HII NC	27516
9.79E+09	DANIEL JO F 5 OAKHUR` DECATUR GA	30030
9.79E+09	SOMERS S/ 405 BARCL CHAPEL HII NC	27516
9.79E+09	HUMPHRE` 801 WARD CHAPEL HII NC	2.75E+08
9.79E+09	BROWN GE 304 WESLY Chapel Hill NC	27516
9.79E+09	RUSSELL EL 832 WARD CHAPEL HII NC	27516
9.79E+09	MORSE MA 824 WARD CHAPEL HII NC	27516
9.79E+09	HAWKINS I 401 BARCL CHAPEL HII NC	27516
9.79E+09	ODONNELL 808 WARD CHAPEL HII NC	2.75E+08
9.79E+09	WEISENSTE 810 WARD CHAPEL HII NC	2.75E+08
9.79E+09	RUSSELL SC 820 WARD CHAPEL HII NC	27516
9.79E+09	TLALKA IRE 11711 DELI RALEIGH NC	27617
9.79E+09	RICHMONC 4718 TIMB DURHAM NC	27707
9.79E+09	SMITH ROE 2144 RETAI CHARLOTTI NC	2.83E+08
9.79E+09	HEWITT ST. 804 WARD CHAPEL HII NC	2.75E+08
9.79E+09	ECONOME` PO BOX 16 CHAPEL HII NC	27516
9.79E+09	FRANTZ EN 325 BARCL CHAPEL HII NC	27516
9.79E+09	SLEDGE RO 328 BARCL CHAPEL HII NC	27514
9.79E+09	GUNN THO 324 BARCL CHAPEL HII NC	27516
9.79E+09	SCHARLOC 805 POWEI CHAPEL HII NC	2.75E+08

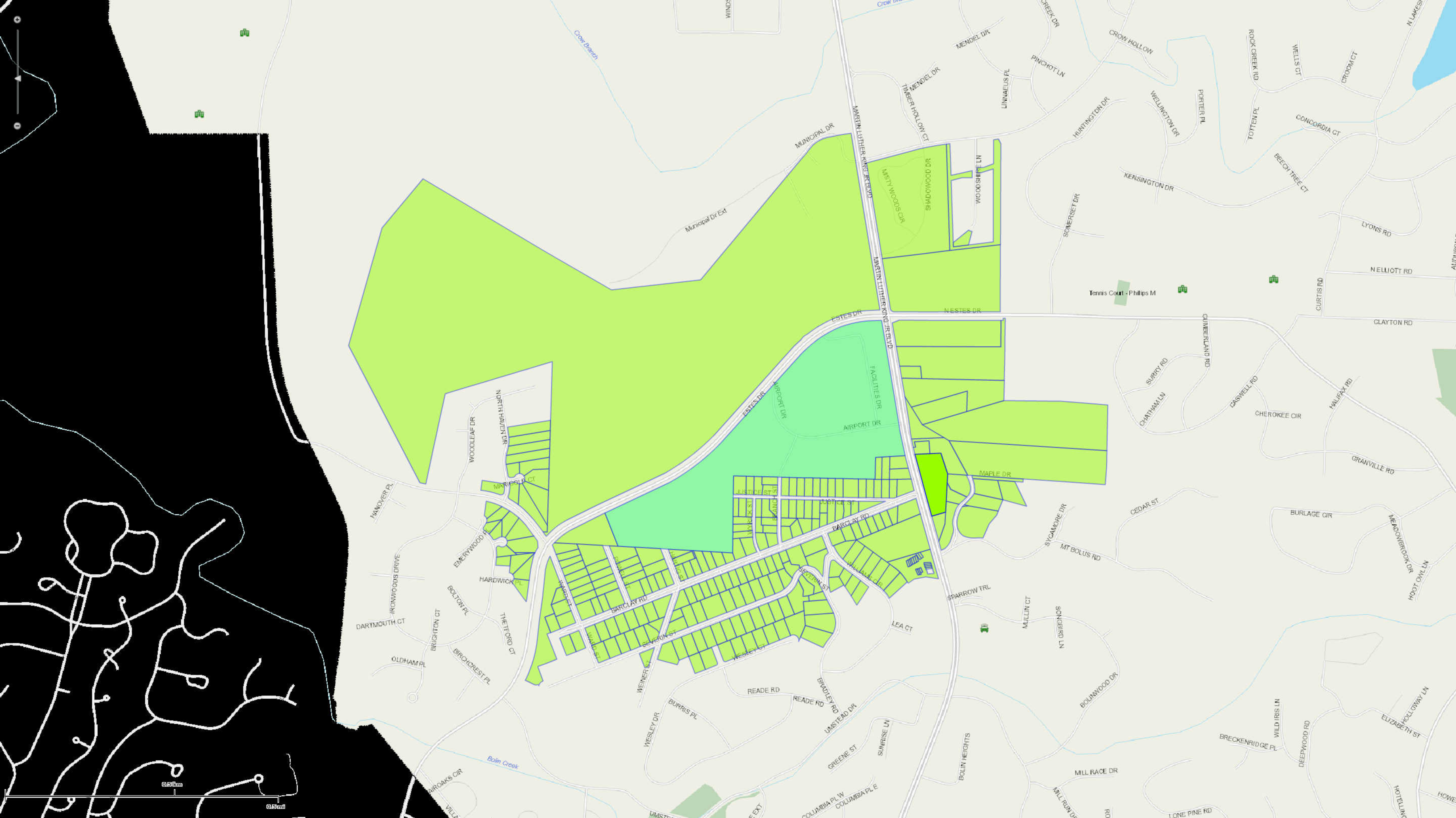
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9.79E+09	DE BRUYN 316 SEVERICHAPEL HILL NC	2.75E+08
9.79E+09	BARCLAY M 2422 MOLL ROXBORO NC	27574
9.79E+09	SOUROULL 320 BARCL CHAPEL HILL NC	2.75E+08
9.79E+09	THEISEN G 312 SEVERICHAPEL HILL NC	27514
9.79E+09	BELL JOHN 317 BARCL CHAPEL HILL NC	27514
9.79E+09	SQUIRES S 18 POWELL CHAPEL HILL NC	2.75E+08
9.79E+09	BEER KIM C 308 SEVERICHAPEL HILL NC	27516
9.79E+09	MARKS JAY 3712 HAWICHAPEL HILL NC	27516
9.79E+09	MUMBY D 800 POWELL CHAPEL HILL NC	2.75E+08
9.79E+09	ZELDIN LES 804 POWELL CHAPEL HILL NC	27516
9.79E+09	RADZICKA J 506 MANO Carrboro NC	27510
9.79E+09	MOORING P O BOX 33 LA GRANGE NC	2.86E+08
9.79E+09	HINKLE DIA 304 SEVERICHAPEL HILL NC	2.75E+08
9.79E+09	FULCHER L 3931 KELLY DURHAM NC	27707
9.79E+09	FLAXMAN C 312 BARCL CHAPEL HILL NC	27516
9.79E+09	UNIVERSITY ENDOWMENT CHAPEL HILL NC	27514
9.79E+09	SMITHERS J 273 SEVERICHAPEL HILL NC	2.75E+08
9.79E+09	ROMEL JO 403 WESLEY CHAPEL HILL NC	27516
9.79E+09	MCCORMICK 401 WESLEY CHAPEL HILL NC	27516
9.79E+09	MULCAHY J 300 SEVERICHAPEL HILL NC	27516
9.79E+09	SCHWARTZ 2017 S LAK CHAPEL HILL NC	27514
9.79E+09	NAIDEN FR 308 BARCL Chapel Hill NC	27516
9.79E+09	NEEBE ALIC 1002 HIGH CHAPEL HILL NC	27517
9.79E+09	MELVIN AN 3805 MANICHAPEL HILL NC	27516
9.79E+09	MULCAHY J 300 SEVERICHAPEL HILL NC	27516
9.79E+09	CLEMENTS 301 BARCL CHAPEL HILL NC	27516
9.79E+09	HEARN RA 933 AUTUM CLOVER SC	29710
9.79E+09	BURKE SIGI P O BOX 45 CHAPEL HILL NC	27515
9.79E+09	MANTON P PO BOX 14 CARRBORO NC	27510
9.79E+09	LANE NANCY 786 WEINER CHAPEL HILL NC	2.75E+08
9.79E+09	SKAKLE SYE 269 SEVERICHAPEL HILL NC	2.75E+08
9.79E+09	WILLIAMS J 1 WEINER CHAPEL HILL NC	27516
9.79E+09	NEAL ANNE 239 HEMP CHARLOTT NC	2.82E+08
9.79E+09	NEAL ANNE 239 HEMP CHARLOTT NC	2.82E+08
9.79E+09	MARKWAY 804 HART CHAPEL HILL NC	27516
9.79E+09	HUMPHRIE 802 HART CHAPEL HILL NC	27516
9.79E+09	BLACK SEM 265 SEVERICHAPEL HILL NC	27516
9.79E+09	HACKNEY J 104 CAROL CHAPEL HILL NC	27514
9.79E+09	SCOTT JENI 231 BARCL CHAPEL HILL NC	2.75E+08
9.79E+09	THIEDA PA 226 BARCL CHAPEL HILL NC	27516
9.79E+09	BLACK SEM 265 SEVERICHAPEL HILL NC	27516
9.79E+09	DAYSON CL 257 SEVERICHAPEL HILL NC	27516
9.79E+09	OKUN CAR 260 SEVERICHAPEL HILL NC	27516
9.79E+09	VAUGHAN 229 BARCL CHAPEL HILL NC	27516

9.79E+09	DIVARIS KII 227 BARCL CHAPEL HII NC	27516
9.79E+09	FLASH BET 750 WEAVI CHAPEL HII NC	2.75E+08
9.79E+09	PARKS RON 8401 CEDA CHAPEL HII NC	27516
9.79E+09	SCHARLOC 253 SEVERI CHAPEL HII NC	27516
9.79E+09	RAPER JULI 248 SEVERI CHAPEL HII NC	2.75E+08
9.79E+09	BARFIELD C PO BOX 20 MCCALL SC	27570
9.79E+09	MOORE AN 220 BARCL CHAPEL HII NC	27516
9.79E+09	LEHNER RIK 375 WESLE CHAPEL HII NC	27516
9.79E+09	ANDERSON 247 SEVERI CHAPEL HII NC	27516
9.79E+09	GERARDEN 107 POLKS CHAPEL HII NC	27516
9.79E+09	KEARNS KA 223 BARCL CHAPEL HII NC	2.75E+08
9.79E+09	OWEN JOH 4002 TROP COLUMBIA MO	6.52E+08
9.79E+09	STANG FRE 218 BARCL CHAPEL HII NC	2.75E+08
9.79E+09	CARPENTEI 377 WESLE CHAPEL HII NC	27516
9.79E+09	LYON MILD 241 SEVERI CHAPEL HII NC	27516
9.79E+09	SOADY SHE 236 SEVERI CHAPEL HII NC	27516
9.79E+09	BARRY DAN PO BOX 20 CARRBORC NC	27510
9.79E+09	SIMONSEN 216 BARCL CHAPEL HII NC	27516
9.79E+09	BRICE CARL 379 WESLE CHAPEL HII NC	27516
9.79E+09	MATTHEW 235 SEVERI CHAPEL HII NC	27516
9.79E+09	GARDNER S 4828 OLD DURHAM NC	2.77E+08
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9.79E+09	BROEK THC 215 BARCL CHAPEL HII NC	27516
9.79E+09	SMITH JOA 1505 W LA DURHAM NC	2.77E+08
9.79E+09	GURGANUS P O BOX 16 HILLSBORC NC	27278
9.79E+09	KILLOUGH 208 JUSTIC CHAPEL HII NC	2.75E+08
9.79E+09	CHANTON P O BOX 12 TALLAHASS FL	32302
9.79E+09	RHODES M 998 WILDE LINDEN VA	22642
9.79E+09	BISHOP EL 4 WYRICK S CHAPEL HII NC	27516
9.79E+09	WILLIAMS T 209 JUSTIC Chapel Hill NC	27516
9.79E+09	LANE GREG 100 BUCK T CHAPEL HII NC	27516
9.79E+09	MILLS FAM P O BOX 52 SNOW CAN NC	27349
9.79E+09	UNIVERSIT UNKNOWN CHAPEL HII NC	27514
9.79E+09	LEDUC BRI 381 WESLE CHAPEL HII NC	27516
9.79E+09	BEHREND 229 SEVERI CHAPEL HII NC	2.75E+08
9.79E+09	CANOUTAS 224 SEVERI CHAPEL HII NC	27516
9.79E+09	JOLLEY VIR 115 WOOD DURHAM NC	27713
9.79E+09	ANDERSON 223 SEVERI CHAPEL HII NC	2.75E+08
9.79E+09	MCIVER JO 218 SEVERI CHAPEL HII NC	27516
9.79E+09	BAROFF RC 240 BUTEO PITTSBORC NC	27312
9.79E+09	REECE ROB 385 WESLE CHAPEL HII NC	27516
9.79E+09	SEVERIN ST 31 ROGERS CHAPEL HII NC	27514
9.79E+09	NEAL ANNE 239 HEMP CHARLOTTI NC	28207
9.79E+09	BARROW R 209 BARCL CHAPEL HII NC	2.75E+08
9.79E+09	STABLER DI 123 PRIEST CHAPEL HII NC	2.75E+08
9.79E+09	PETTIFOR A 389 WESLE CHAPEL HII NC	27516
9.79E+09	PERKINS RC 211 SEVERI CHAPEL HII NC	27516

9.79E+09 HANEY MA 208 SEVERI	CHAPEL HII NC	2.75E+08
9.79E+09 BROWN SU 304 WESLE	CHAPEL HII NC	27516
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9.79E+09 PALIOURAS 393 WESLE	Chapel Hill NC	27516
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9.79E+09 MATTHEW 205 SEVERI	CHAPEL HII NC	2.75E+08
9.79E+09 PACE SHAN 721 BRADL	CHAPEL HII NC	2.75E+08
9.79E+09 HEITSCH DI 727 BRADL	CHAPEL HII NC	2.75E+08
9.79E+09 KCC VENTU PO BOX 12	RALEIGH NC	27605
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9.79E+09 MATTHEW 205 SEVERI	CHAPEL HII NC	27516
9.79E+09 ROBERTS LI 749 WILLIA	CHAPEL HII NC	2.75E+08
9.79E+09 MCLEOD JC 737 BRADL	CHAPEL HII NC	27516
9.79E+09 LEITNER FR 112 TIMBEI	CHAPEL HII NC	27514
9.79E+09 COGGER LI 739 WILLIA	CHAPEL HII NC	27516
9.79E+09 TORNERO \ 731 WILLIA	CHAPEL HII NC	2.75E+08
9.79E+09 KEY REBEC 735 WILLIA	CHAPEL HII NC	27516
9.79E+09 ELLIOTT CA 3 WYRICK S	CHAPEL HII NC	27516
9.79E+09 WOLF MER 104 BLACK	CARRBORC NC	2.75E+08
9.79E+09 SAUNDERS 385 MEAD	Chapel Hill NC	27517
9.79E+09 FEW JAME 517 ROBIN	CHAPEL HII NC	27516
9.79E+09 HEWETT M 803 BRANC	Chapel Hill NC	27516
9.79E+09 O'KEEFE DI 805 BRANC	CHAPEL HII NC	27516
9.79E+09 STURGESS 3000 GALL	PITTSBORC NC	27312
9.79E+09 RADEMACI 7 BRANCH	CHAPEL HII NC	27516
9.79E+09 STARBACK 206 BARCL	CHAPEL HII NC	27516
9.79E+09 THOMAS P. PO BOX 95	Chapel Hill NC	27515
9.79E+09 BROWN GE 200 JUSTIC	CHAPEL HII NC	27516
9.79E+09 JAHANNIA 800 BRANC	CHAPEL HII NC	27516
9.79E+09 BARNEY KR 5 BRANCH	CHAPEL HII NC	27516
9.79E+09 SUMMERS 1923 EPHE	CHAPEL HII NC	27517
9.79E+09 KALOUDIS . 96 LORRAI	MONTCLAI NJ	7043
9.79E+09 OBLER JEFF 1830 17TH	WASHINGT DE	20009
9.79E+09 BROWN GE 304 WESLE	CHAPEL HII NC	27516
9.79E+09 NISBET A P 919 OXBOV	CHAPEL HII NC	27516
9.79E+09 ABERNETH 143 GOAH	CHAPEL HII NC	27516
9.79E+09 GERARDEN 107 POLKS	Chapel Hill NC	27516
9.79E+09 ROBERTS D 749 WILLIA	CHAPEL HII NC	2.75E+08
9.79E+09 CARTER MI 102 SEREN	CHAPEL HII NC	27516
9.79E+09 KIM EUN A 212 E WINI	CHAPEL HII NC	27516
9.79E+09 BERRY ANN 132 JUSTIC	CHAPEL HII NC	27516
9.79E+09 WALKER C/ 716 CASWI	CHAPEL HII NC	27514
9.79E+09 GIBSON KE 1755 RIDGI	ATLANTA GA	3.03E+08
9.79E+09 CAMPBELL 406 BROAC	Carrboro NC	27510
9.79E+09 SHAPLEY Q 130 JUSTIC	CHAPEL HII NC	2.75E+08
9.79E+09 CRANNY TI 328 UMSTE	CHAPEL HII NC	27516
9.79E+09 CAMPBELL 406 BROAC	Carrboro NC	27510

9.79E+09	FLASH BET 750 WEAVI	CHAPEL HII NC	2.75E+08
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9.79E+09	BAKER JAS(124 JUSTIC	CHAPEL HII NC	27516
9.79E+09	EDMONDS 740 WILLIA	CHAPEL HII NC	27516
9.79E+09	WHITE JOH 2207 WHIT	RALEIGH NC	2.76E+08
9.79E+09	MERTZ JAN 15541 QUE	FORT MYE FL	3.39E+08
9.79E+09	DE MARCO 120 JUSTIC	Chapel Hill NC	27514
9.79E+09	SPARROW 727 WILLIA	CHAPEL HII NC	27516
9.79E+09	SCHNURR E 736 WILLIA	CHAPEL HII NC	27516
9.79E+09	BRINKHOU 1162 FEARI	PITTSBOR NC	27312
9.79E+09	JOHNSON E 734 WILLIA	CHAPEL HII NC	27516
9.79E+09	LEONARD L 304 SEVERI	CHAPEL HII NC	2.75E+08
9.79E+09	OCHOA TO 730 WILLIA	CHAPEL HII NC	27516
9.79E+09	SINGH MOI 728 WILLIA	CHAPEL HII NC	27516
9.79E+09	CICCONE A 33 SPINNIN	MARLTON NJ	8053
9.79E+09	MALINOWS 83 GRASSY	CHAPEL HII NC	27517
9.79E+09	DINO ROCK 875 MARTI	CHAPEL HII NC	27514
9.79E+09	ELKINS J W 2511 COLG	FAYETTEVI NC	2.83E+08
9.79E+09	DINO ROCK 103 MARIG	CHAPEL HII NC	27516
9.79E+09	A&W REAL 315 PALAF	CHAPEL HII NC	27516
9.79E+09	WEHR PETI 300 SUNSE	HOLLY SPR NC	27540
9.79E+09	HUENING M UNIT 19	CHAPEL HII NC	2.75E+08
9.79E+09	SAVIT PROI 510 APPLE	MEBANE NC	27302
9.79E+09	SALEM COL 875 MARTI	CHAPEL HII NC	27514
9.79E+09	WORLEY DI 9004 ONEA	RALEIGH NC	2.76E+08
9.79E+09	KRAMER SE 875 MLK JF	CHAPEL HII NC	27516
9.79E+09	WILSON N/ 4060 E HAF	BURLINGTO NC	27215
9.79E+09	LI LI 3852 WINC	JAMESTON NC	27282
9.79E+09	ZIEMENDO 875 MARTI	CHAPEL HII NC	27514
9.79E+09	JOHNSON F 1549 TAYL	CHIAWASSEI GA	3.05E+08
9.79E+09	JW&S HOLI 2207 WHIT	RALEIGH NC	27608
9.79E+09	SIMON ERI 119 JUSTIC	CHAPEL HII NC	27516
9.79E+09	THORNHILL 405 JOHNS	CHAPEL HII NC	27514
9.79E+09	BULBROOK 118 JUSTIC	Chapel Hill NC	27514
9.79E+09	KNIGHT ALI 119 BARCL	CHAPEL HII NC	27516
9.79E+09	MILLS FAM P O BOX 52	SNOW CAN NC	27349
9.79E+09	MOORE SC 816 PINEHI	CHAPEL HII NC	27517
9.79E+09	STUBBS TH 308 MUIR	MEBANE NC	27302
9.79E+09	ORTIZ MAR 115 BARCL	Chapel Hill NC	27516
9.79E+09	KAIROS VEI 601 W ROS	CHAPEL HII NC	27516
9.79E+09	RESNICK M 102 GURNE	Chapel Hill NC	27517
9.79E+09	WILLIAMS . 110 JUSTIC	CHAPEL HII NC	27516
9.79E+09	JOLLEY VIR 115 WOOD	DURHAM NC	27713
9.79E+09	ROBERTS D 749 WILLIA	CHAPEL HII NC	2.75E+08
9.79E+09	STATE OF N 1321 MAIL	RALEIGH NC	2.77E+08
9.79E+09	STATE OF N 1321 MAIL	RALEIGH NC	2.77E+08

9.79E+09 STRATFORI PO BOX 98I RALEIGH NC	27624
9.79E+09 PETTY KRIS 100 BARCL CHAPEL HII NC	27516
9.79E+09 MILLS NATI 602 DAVIE Carrboro NC	27510
9.79E+09 CHAPEL HII 302 OAK T CHAPEL HII NC	27517
9.79E+09 CHAPEL HII 302 OAK T CHAPEL HII NC	27517
9.79E+09 FGV VII LLC 870 MARTI Chapel Hill NC	27517
9.79E+09 LEGACY CR 316 SWIFT DURHAM NC	27713
9.79E+09 SULIK MELI 199 MERIV VASS NC	28394
9.79E+09 CEDAR RIDI PO BOX 13I DURHAM NC	2.77E+08
9.79E+09 CEDAR RIDI PO BOX 13I DURHAM NC	2.77E+08
9.79E+09 CARVER CH 890 MARTI CHAPEL HII NC	27514
9.79E+09 MEDICAL F CB#7565 8I CHAPEL HII NC	27516
9.79E+09 FGV VII LLC 870 MARTI CHAPEL HII NC	27514
9.79E+09 CORNERSTI SUITE 200 CHAPEL HII NC	27514
9.79E+09 EMMERSOI CUSTODIAI CHAPEL HII NC	27514
9.79E+09 CHIMCO II 940 MARTI CHAPEL HII NC	27514
9.79E+09 PEGASUS P SUITE 200 I CHAPEL HII NC	27514
9.79E+09 SAWMILL I PO BOX 15I CHAPEL HII NC	27514
9.79E+09 AMITY UNI 825 ESTES I CHAPEL HII NC	27514
9.79E+09 BUTLER KA 404 WOODAPEX NC	27523
9.79E+09 CHAPEL HII 92 RIVER R SUMMIT NJ	7901
9.79E+09 GOFORTH I PO BOX 20I RALEIGH NC	27619
9.79E+09 CHILUKURI 15 MT BOL CHAPEL HII NC	27514
9.79E+09 KIRK WILLI 121 MAPLE CHAPEL HII NC	2.75E+08
9.79E+09 CHARMFOI 2375 CRES SANFORD FL	32771
9.79E+09 NEXT LEVEI 4411 E LA FANAHEIM CA	92807
9.79E+09 GOFORTH I PO BOX 20I RALEIGH NC	2.76E+08
9.79E+09 GIJOLU LLC 319 PROVII CHAPEL HII NC	27514
9.79E+09 PEACE JAM 11020 CHA LOS ANGEL CA	90077
9.79E+09 SAWMILL I P O BOX 15 CHAPEL HII NC	27514
9.79E+09 CHAPEL HII 980 MARTI CHAPEL HII NC	27514
9.79E+09 LOTZ DANI 119 MAPLE CHAPEL HII NC	27514
9.79E+09 RICHARDSI 8 KENDALL Chapel Hill NC	27517
9.79E+09 WU YUE 122 WOOD CHAPEL HII NC	27514
9.79E+09 COKER WO 117 WOOD CHAPEL HII NC	27514

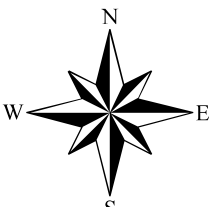
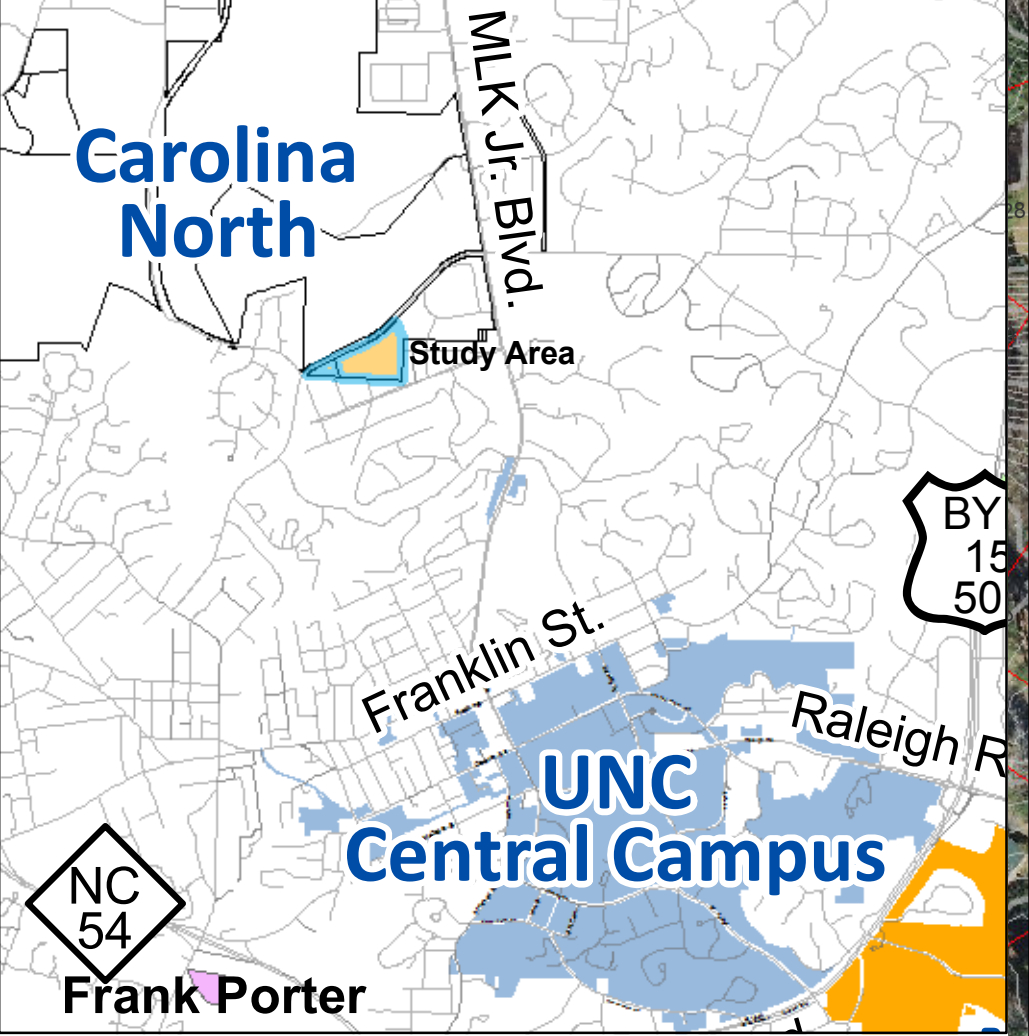
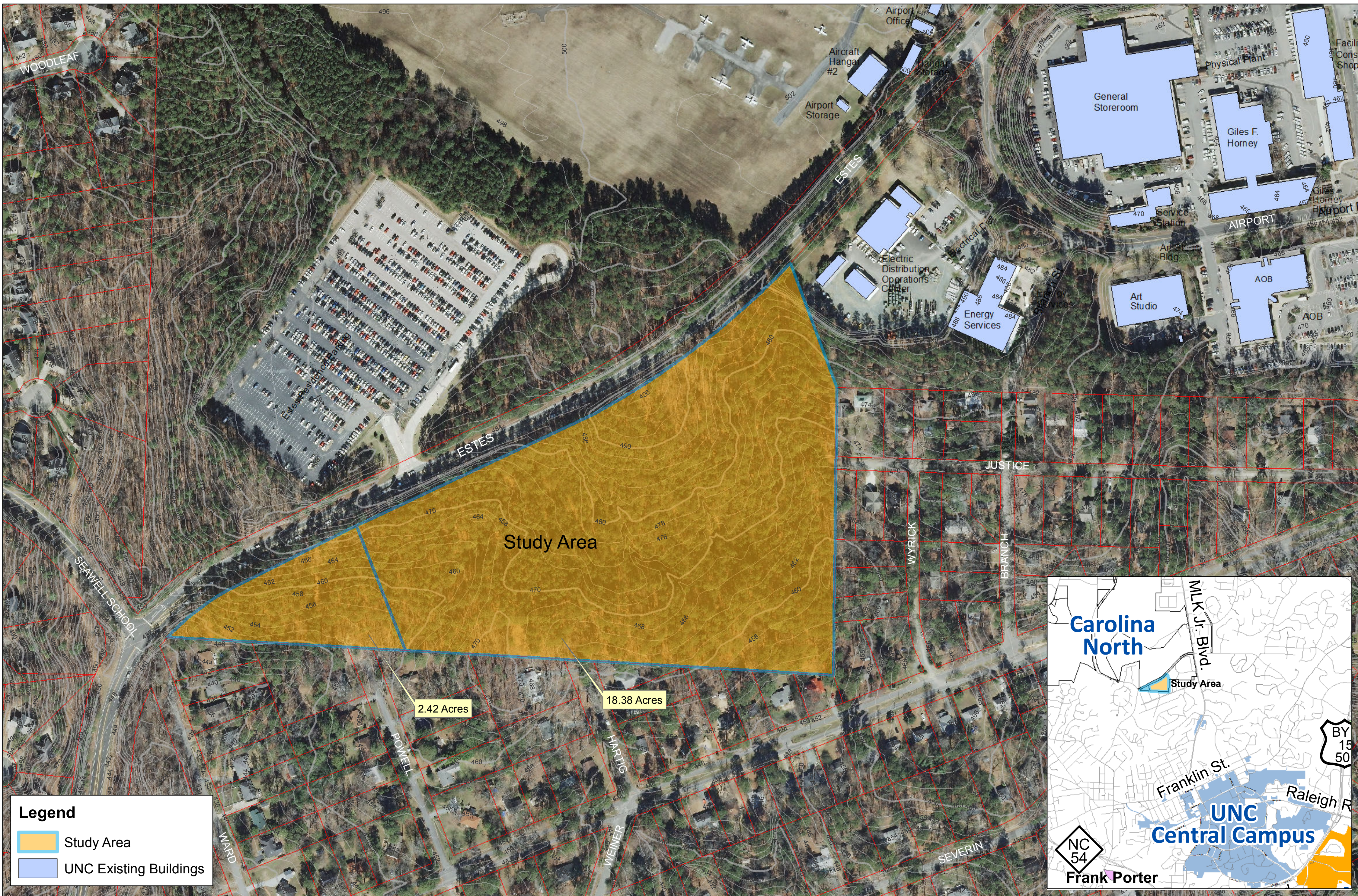


Legal Description: Facilities Parcel Division

Beginning at an iron pipe located in the southern right of way of Estes Drive Extension (S.R. 1780) running thence S 21° 31' 42" E 346.01 feet to an iron pipe; thence S 86° 46' 22" E 1109.76 feet to a point; thence N 00° 41' 32" E 744.68 feet to a point; thence N 33° 28' 00" W 319.16 feet to a point in the southern right of way of Estes Drive Extension (S.R. 1780); thence with the southern right of way of Estes Drive Extension (S.R. 1780) in a general northwesterly direction along a 2019.02 foot radius curve to the right, said curve having a chord bearing and distance of S 53° 57' 42" W 586.01 feet, to a point in the southern right of way of Estes Drive Extension (S.R. 1780); thence continuing with the southern right of way of Estes Drive Extension S 64° 46' 47" W 685.46 feet to an iron pipe, the place and point of beginning, containing 18.13 acres, more or less.

Legal Description: Former Dixon Property

Beginning at an iron pipe located in the southern right of way of Estes Drive Extension (S.R. 1780) running thence S 11° 23' 00" E 348.61 feet to an iron pipe, thence N 76° 30' 50" W 161.71 feet to an iron pipe; thence N 76° 30' 50" W 86.10 feet to an iron pipe located in the eastern right of way of Powell Street; thence N 76° 51' 00" W 66.45 feet to an iron pipe located in the western right of way of Powell Street; thence N 76° 29' 00" W 247.69 feet to an iron pipe; thence N 76° 29' 00" W 216.68 feet to an iron pipe located in the southern right of way of Estes Drive Extension (S.R. 1780); thence with the southern right of way of Estes Drive Extension (S.R. 1780) in a general northeasterly direction along a 557.97 foot radius curve to the right, said curve having a chord bearing and distance of N 62° 17' 17" E 248.62 feet, to an iron pipe in the southern right of way of Estes Drive Extension (S.R. 1780); thence continuing with the southern right of way of Estes Drive Extension (S.R. 1780) N 75° 09' 40" E 321.76 to an iron pipe, the point and place of beginning, containing 2.42 acres, more or less.



THE UNIVERSITY
of NORTH CAROLINA
at CHAPEL HILL

Exhibit A: Permitted Land Uses

Permitted Land Uses:

Uses	
Accessory use customarily incidental to a permitted principal or special use	A
Automated teller machines (ATM) (Walkup)	P
Automated teller machines (ATM) (Drive-up)	S
Child day care facility (See also Article 6)	P, A
Clinic	P, A
College or University	P
Essential services	P, A
Independent Senior Living Facility (See also Article 6)	P, A
Public cultural facility	P, A
Public service facility (See also Article 6)	P, A
Public use facility	P, A
Radio, television or wireless transmitting and/or receiving antenna, accessory	A
Recreation facility: Non-profit	P, A
Research activities	P, A
Temporary portable building: Construction-related (See also Article 6)	A
Temporary portable building: Not construction-related	S

The Development Agreement contains several different sections (Articles) with distinct purposes as outlined below.

Article 1: Statutory Framework

Topic	Purpose/Questions to be answered	Standards
Statutory Framework	Identify Regulatory Frameworks & Standards the Development Agreement meets.	Applicable State, Local, and other statutes.

Article 2: Definitions

Topic	Purpose/Questions to be answered	Standards
Definitions of Terms in the Development Agreement	Do certain terms have specific definitions for the purpose of the Development Agreement?	Use definitions from previous Development Agreements and compare University and Local terminology.

Article 3: Recitals

Topic	Questions to be answered	Standards
Guiding principles	What are the intents behind the project and requirements?	• Incorporate guiding principles. • Connect principles with design process and technical information. • Use principles to inform future decisions about the intention and implementation of the project.
Lists benefits to both parties	How is this beneficial to the Town?	Coordination of Town services and training in the future because of co-location within building.
	How is this beneficial to the University?	Ability for Town services to support future University activities at Carolina North and Giles Horney complex.
Description of review/approval process	What was the process used to create this development agreement?	Lists meetings, events, and process that led to the development agreement standards.
Why parties are entering into agreement?	The benefits are worth the long-term agreement to the Town, community, and the University.	Coordinate the investments of Town and State resources.

	Mutual interests are met.	Plan for efficient opportunities to expand and coordinate over time
Description of public hearing process	Describe how the statutory requirements to enter into a Development Agreement have been met.	Lists specific dates, meetings, public hearing, and action.

Article 4: Terms

This section contains the bulk of the standards and metrics. Recognizing the long-term nature of these Agreements, the Development Agreement may point to other standards, set up thresholds or triggers for mitigation measures, or establish a procedure for determining and meeting a standard in the future.

Topic	Questions to be answered	Standards
Term of agreement (time)	How long will the agreement be valid, will it be renewable, and if so, under what conditions?	Cite statute standards and agreement between Town and University.
Laws in effect	Which local laws will govern the project in the absence of a more specific standard in the development agreement?	LUMO in effect at the time of the agreement.
Development and Schedule for review of individual building	How are individual buildings reviewed for compliance with the Development Agreement?	Identifies process for Site Development Permit (SDP).
Local permits	Identify where University will be subject to State requirements, not local.	
	Identify where Town is subject to State requirements due to state land.	
	Utilities	- Each party to the agreement will be responsible for its own utilities. - Town cannot buy power from the University.
Construction management plan	What standards will be met for individual buildings?	Identifies the components of a construction management plan and additional permitting processes associated with it.
Amendments and modifications	What if we need to make a change to the standards in the Agreement?	What constitutes a major modification to the agreement?

		• What constitutes a minor modification? • What is the process for requesting or reviewing/approving each?
Periodic compliance review and enforcement	What are the requirements for ensuring compliance with the Agreement?	• Identifies requirements for annual reporting according to the State Statutes. • Identifies public notification processes for the reporting.

Article 5: Specific standards and mitigation measures

Topic	Questions to be answered	Standards	Draft Text
5. Scale of development approved			
5.1	General Location and Use of Buildings	• General site layout map • Land area • Total floor area • Building square footage • Impervious surface area	a. The scale of development for the Property shall be consistent with the conceptual site plan. b. Permitted Land Uses are listed as an exhibit. c. Buildings up to 4 stories in height are permitted d. A maximum of 200,000 square feet of gross floor area is permitted for the Project.
5.2	Timing of development	How long is the development expected to take? (by phase)	a. Development is anticipated to occur in separate phases through the Term of the agreement. b. Each occupied building will apply for an administrative Site Development Permit.
5.3	Phasing of Town project(s)	Identifies which buildings and infrastructure components are associated with each anticipated phase for Town use.	a. The first phase of development is anticipated to be the Municipal Services Center. Land disturbance shall be limited to the extent possible to only allow earthwork where necessary for development in the first phase of development and site infrastructure. The first phase shall include construction of the building with ancillary infrastructure serving the building and the following improvements: • Construction of an internal access road with two points of access on Estes Drive. • Stormwater Control Measures, as specified in the Stormwater Management Report, to treat stormwater for the entire Project Area.

			• Vegetation planting to provide screening and buffering of the first phase of development, and any additional buffer areas that would not be negatively impacted by future phases of construction • Parking to serve the Municipal Services Center. b. If the first phase of development is for a use other than the Municipal Services Center only one site access may be constructed or as otherwise determined by the Transportation Analysis required for that phase of development.
5. 4	Phasing of University project(s)	Identifies which buildings and infrastructure components are associated with each anticipated phase for University use.	The first building will provide certain above and beyond infrastructure (stormwater and access) and every subsequent building is expected to provide its own screening, infrastructure, utilities, and parking. Each phase of Development constructed by the University shall provide infrastructure associated with building development and the following improvements: • Vegetation planting to provide screening and buffering of the first phase of development.
6. Preservation of open space and natural areas			
	Which areas are preserved or left natural?	• Identifies areas of the property anticipated to be preserved as open space through the development agreement. • Identifies uses allowed in the open space and natural areas such as paths and infrastructure access.	• A minimum buffer of 100' along the southern and eastern boundary of the property shall remain undisturbed except for the minimum disturbance required to install a sanitary sewer connection to Hartig Street and walking paths as generally shown on conceptual site plan. • The development shall provide a 100' natural buffer. The following may be permitted within the buffer area: ○ Planting of new vegetation on the interior side of the buffer. ○ Walking Trails ○ Bollard Lighting along trails (and associated utilities) ○ Forest Education or other passive use of the wooded area that does not cause audial, visual, or other nuisance. ○ Any utility connections that must connect to the south or east. ○ Any stormwater mitigation that may be required to reduce impact on the surrounding neighborhood. • A minimum 50' buffer shall be provided surrounding any intermittent streams and the buffer shall be encroached only to allow road and infrastructure crossings.

7. Stormwater management			
7.1	General Standards for stormwater treatment	- Identifies schedule for building stormwater infrastructure - Lists standards for stormwater treatment - Requires that individual building applications (SDP) demonstrate compliance with overall standards and requirements	- Stormwater Control Measures calculated to treat the maximum impervious surface of the entire Property shall be submitted with the initial Site Development Permit application. - Stormwater management shall be integrated into the site, building, and landscape design, with stormwater management strategies coordinated and applied in a comprehensive manner across the entire Project. - The Conceptual Site Layout in Exhibit A shall show the general location of impervious surfaces in the Development. - Prior to issuance of a Site Development Permit, the Applicant must submit a Stormwater Management Plan for the Project which clearly identifies the stormwater impacts associated with the proposed new development and clearly documents how those stormwater impacts are proposed to be mitigated by the improvements proposed in the application. Stormwater Management Plans shall clearly demonstrate compliance with the design criteria specified in this Agreement, applicable NPDES permit requirement, and applicable University, Federal and State rules.
7.2	Erosion and Sediment Control standards	Threshold	Erosion and Sediment Control: Construction at the Property shall comply with applicable soil and erosion control regulations of Orange County Erosion Control design manual and Chapter 5 Article 5 of Town's Code of Ordinance. An erosion and sedimentation control plan shall be developed for all Site Development Permits above 20,000 square feet and copies sent Orange County Erosion Control Division and the Town's Stormwater staff.
7.3	Treatment baseline is current LUMO standards and Jordan Lake Standards University's master permit Identifies any external permit requirements such as NPDES permit requirements,	Specific standards	- Peak Discharge Rate Limits: The post-development stormwater runoff peak discharge rate shall be controlled such that the post-development runoff peak discharge rate at all locations where stormwater runoff exits in the Project (or at other points designated in the conceptual plan), shall not exceed the pre-development (existing conditions) stormwater runoff peak discharge rate for the local 1-year (2.88 inches), 2-year (3.60 inches), and 25-year (6.41 inches), 24-hour duration storm events. Stormwater management will be provided in bio-retention basins and will exceed the minimum Town stormwater management requirements. Stormwater management will exceed the 25-year, 24-hour storm event and the exact volume control shall be determined when final engineering is performed. The project aims to provide maximum stormwater volume control using bio-retention basins located within the proposed development footprint. 2-Year Volume Control: At each location where the stormwater exits the Project,

	Federal and State rules		the difference in the runoff volume generated by 2- year (3.60 inches) frequency, 24-hour duration storm event in the post-development conditions and runoff volume generated by the same storm event in the pre-development conditions shall be managed on-site and released over a period of 2 days to 5 days. • 85% Total Suspended Solids (TSS) Removal: All post-development stormwater runoff resulting from the first one inch of precipitation shall be treated to remove 85% of total suspended solids of all new impervious surfaces resulting from development of the entire Property. Stormwater treatment facilities will be designed according to the North Carolina Department of Environment and Natural Resources (NCDENR) Stormwater Best Management Practices Manual as modified by the Town of Chapel Hill; the Town of Chapel Hill Design Manual, as amended; and any future written design guidance approved by both the Town and NCDENR. • Nutrient Export Limitation per Jordan Watershed Stormwater Management for Development. Nitrogen and Phosphorus exported from the Property shall not exceed 2.2 pounds/acre/year and 0.82 pounds/acre/year respectively. Alternatively, Development shall be considered in compliance with the nutrient export limits of the Jordan Lake Rules if it can be demonstrated that development will result in 35% and 5% reduction in nitrogen and phosphorus export, respectively, compared to the existing conditions at the Property. All other aspects of the “Jordan Watershed Stormwater Management for New Development”, as specified in Section 5.19 of the LUMO including provisions for offset payments, maintenance bond and annual inspection report shall apply to Development and as amended by the Town and NCDENR. • The development shall meet the Jordan Lake Rules in place at the time of approval of the Development Agreement. • That Stormwater runoff from the site shall be reused whenever possible. • Alternative rainwater collection, such as the use of cisterns, shall be encouraged and may count toward calculated stormwater volume storage requirements.
7.4	Maintenance	• Identifies a schedule and method for periodic inspection and maintenance of stormwater facilities	Upon completion of each SDP, the Town shall receive: a) A recorded Stormwater Facility Agreement for all stormwater management facility (ies), and their maintenance access locations. The maintenance access must be shown and/or described in the Stormwater Facility Agreement. The following information must be included in the Stormwater Facility Agreement: 1. All engineered stormwater management control, treatment, and conveyance

			structures located on or below the ground shall be contained within an easement entitled: "Reserved Stormwater Facility accessible from the public right- of-way and have an access route and maintenance area reserved from any future development which would obstruct or constrict the effective management, control, and conveyance of stormwater from or across the property, other than the approved design and operation functions. 2. The Reserved access route and maintenance area and the facilities it/they protect are considered to be private, with the sole responsibility of the owner to provide for all required maintenance and operations as approved by the Town Manager 3. The Reserved access route and maintenance area and the Operations and Maintenance Plan are binding on the owner, heirs, successors, and assigns. 4. A copy of the recorded maintenance covenant ("Operations and Maintenance Plan"), signed by the owner and recorded by the County Register of Deeds, for the stormwater management facility (ies). The Operations and Maintenance Plan must include a description of the device or structure, an inspections checklist, and operating and maintenance procedures. The plan should identify contact information, who will perform the inspections, frequency of inspections, inspections and maintenance logs, any specific equipment needs or certifications (e.g., confined space certification), action levels or thresholds (e.g., remove sediment after depth exceeds one foot), and disposal methods. 5. Certified as-built plans, signed and sealed by a North Carolina-registered Professional Land Surveyor, showing building footprints, driveways, all other impervious surfaces, stormwater drainage/conveyance piping, and stormwater management structures. The as-built plans should be in DXF binary format using State plane coordinates and NAVD 88. 6. Certification, signed and sealed by a North Carolina-registered Professional Engineer, that the stormwater management facility (ies) was/were constructed in accordance with the approved plans and specifications. • Proposed covered parking/underground parking areas will require oil/water separator in the parking deck to collect the runoff prior to discharge into the sanitary sewer. No area drains in the parking deck shall discharge to the proposed stormwater control measures. • The sumps of hydraulic elevators, if proposed, shall be connected to
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			sanitary sewer. Discharge of dewatered water from excavated areas will require approval of Stormwater Management Division of the water quality prior to pumping into storm sewer pipes.
8. Transportation: transit, parking , streets, sidewalks, bikeways, and greenways			
8.1	General improvements	Typically illustrated with an exhibit showing the general location of vehicle, bicycle, pedestrian, and bus amenities on the site.	The general site layout provides a plan for vehicle, bicycle, pedestrian, and bus amenities on the site. The exact location of each improvement may vary slightly as demonstrated by each SDP.
8.2	Specific improvements tied to levels of development Includes reference to estimated trip generation numbers for the project	- Identifies specific roadway or transportation improvements required for the operation of the Municipal Services Center - Identifies thresholds for future study of the transportation network with future buildings and a process for reviewing and agreeing to improvements associated with future phases of development on the site	- A Transportation Impact Analysis was performed for the first phase of development, the Municipal Services Center. Impacts associated with that building were studied and determined for this agreement. - An internal access road with two accesses on Estes Drive shall be constructed with the Municipal Services Building. If a different building is constructed first, a new TIA shall be conducted to determine if different impacts and mitigation measures shall be required. TIAs shall be submitted and reviewed by Town staff prior to the issuance of the associated SDP. - A subsequent TIA will be performed for each subsequent SDP that results in an increase of daily trip generation of greater than 500 trips, or 250 vehicles per day, whichever is less. - The cost of a Transportation Impact Analysis shall be borne by the applicant for the future SDP. <u>Specific Improvements:</u> - Construction of the Municipal Services Center shall include these specific improvements:: 1) Widen Estes Drive Extension as necessary along the length of site frontage to provide a exclusive westbound left-turns lanes into the site at the two proposed site driveway intersections. This improvement improves operations for stop-controlled movements at both intersections and improves overall safety

			by removing the left-turn movements from the through traffic streams along the Estes Drive Extension. 2) Provide a bus stop and transit amenities to service the proposed Municipal Services Center. <u>Coordinate with other NCDOT and Town or University funded projects to widen Estes Drive Extension between the proposed site frontage and the NC 86 (Martin Luther King Jr. Blvd.) intersection to a consistent three-lane cross-section. These improvements should be coordinated with the design of the NCDOT pedestrian and bicycle improvement project along the Estes Drive Extension corridor.</u> • Greenway connections to Hartig Street and an internal path network shall be constructed with the initial SDP. • Each Site Development Permit will include information about the phasing of the appropriate connections and infrastructure to support occupancy of each building.
8.3	Vehicular Parking	Allowed Vehicular Parking, Shared Parking	• A total of 615 parking spaces may be permitted for the entire project. • Individual SDP applications shall demonstrate an adequate amount of vehicle parking for the proposed use, including handicapped and visitor spaces. • The applicant shall provide the minimum required handicapped parking spaces and design all handicapped parking spaces, ramps, and crosswalks, and associated infrastructure according to Americans with Disabilities Act standards, North Carolina Building Code, American National Standards Institute (ANSI) Code, and Town standard. • Prior to issuance of a Certificate of Occupancy, the Applicant shall construct the proposed surface parking lot to Town standard for dimensions and pavement design and the Applicant shall construct the proposed parking deck to National Parking Association standards or to another nationally accepted standard that may be approved by the Town Manager. • A shared parking model may be provided with each Site Development Permit application.
8.4	Bicycle Parking	Bicycle Parking Requirements	• The town shall comply with LUMO bicycle parking requirements. • Bicycle parking will be located in close proximity to open-air building entrances deck to allow riders easy ingress and egress. If sheltered bicycle parking is provided within the parking garage it shall be located near the building entrance.

Development Agreement Outline

Last revised: 3/23/2018

			- The University will be meet UNC campus standards for bicycle parking - Prior to the issuance of a Site Development Permit, the Applicant shall provide the Town with an agreed upon bicycle parking plan for the Project that addresses the quantity and locations of bicycle parking for the site.
8.5	Transportation Management Plan	Submittal, monitoring of a TMP	A Transportation Management Plan (TMP) shall be submitted or updated with each Town or University SDP application. Each Town or University building is encouraged to have its own TMP Champion. The TMP shall contain the checklist items as of the Effective Date, and an annual report shall be submitted to the Town.
8.6	Transit	Location of stop, stop features, timing	A bus shelter shall be constructed with the first SDP as shown on the site layout plan.
8.7	Relationship to Carolina North improvements	Links general improvement triggers and thresholds to Carolina North thresholds and improvements	During each SDP review, the Town will consider whether any improvements have been constructed according to the Carolina North DA and whether they offset the need for separate improvements on this site. A TIA considering current conditions and expected growth at the time of SDP application shall be the basis for this evaluation.
9. Fiscal impacts			
9.1	Payments for improvements, operating costs, shared costs	Identify how the Town and University will identify and manage shared costs through a cost-share agreement, lease, or other arrangement.	TBD
9.2	Before shared costs are triggered	- What is the Town's responsibility? - Identify mechanism for tracking, and pro-rating cost of improvements. - Is there an oversight body?	TBD
9.3	After shared costs are triggered	How is "payment" made?	- The Town shall maintain the property as long as it is the sole user on the property. - Establish cost-sharing structure once the site is occupied.

Development Agreement Outline

Last revised: 3/23/2018

		How is maintenance addressed?	
9.4	Cost/reimbursement considerations here or in fiscal (could be cross reference)	Identify a cost-share mechanism between Town and University for Town to build stormwater infrastructure up-front and future cost-sharing.	TBD
10. Energy			
10.1	What level of design and efficiency will be met?	Energy or sustainability metric(s)	The Town shall strive for LEED Certification in the design process.
10.2	Water use, reuse and reclamation and utility siting.	Identifies location and metrics.	- Graywater use for reclamation and irrigation shall be encouraged. - A sanitary sewer connection shall be permitted to Hartig Street.
11. Design standards and public art			
	What role do oversight bodies have in the review of final building locations and elevations?	Identify state requirements for building review.	- The final location and design of buildings shall be reviewed by UNC Chapel Hill staff, and subject to the appropriate University review entities such as the UNC Development Review Committee and the University Board of Trustees. - The final location and design of buildings shall be reviewed by Town Planning staff
12. Police, Fire, EMS and facilities			
12.1	How are joint or shared facilities managed?	University and Local role.	The Town and University police, fire, and emergency medical service providers will provide services under the generally applicable arrangements for jurisdiction and operations on University-owned property. In general, for University-owned property the University provides police services, the Town provides fire services, and Orange County provides most emergency medical services. This Agreement shall not be deemed to restrict changes in these jurisdictional arrangements as may from time to time be mutually agreed to by the service providers.

12.2	Future Fire Station	Process for review and approval	The Site Plan includes a future fire station. Review and approval of any additional conditions associated with that future use shall go through a public modification of the Development Agreement at the time a station is needed.
13. Greenways			
	How does this project connect to the overall network of improvements?	- Identifies location - Identifies schedule or triggers for constructing improvements - Trail material	- A greenway shall be constructed along the property frontage and to Hartig Street in general conformance with the location shown on the general site layout plan. - Site greenways shall be constructed with the first phase of development. - Site greenways shall be constructed to American with Disabilities Act (ADA) standards. - All pedestrian, bicycle, and greenway facilities within the Property shall be designed and constructed to meet Town standards unless otherwise approved by the Town Manager.
14. Historic and Cultural features			
	Do Historic and Cultural Features exist?	Required element by state statute.	An archaeological study was performed and no significant features found.
15. Solid Waste Management			
15.1	During construction?	- Who is responsible for construction waste management and recycling? - What are the standards?	Construction waste shall be managed in accordance with Town standards and with the Orange County Regulated Materials Ordinance.
15.2	During occupancy?	Who is responsible for routine waste and recycling?	Site Development Permit. Each individual Site Development Permit shall provide clear direction on who will provide solid waste service for each building and each building will be designed for private waste collection.
16. Stream Buffers			
	What are the standards protecting streams?	Identify stream types (typically through a stream determination as appendix)	Development shall be consistent with the Resource Conservation District regulations of the Town applicable as of the date of this Agreement. All activities designated as permitted uses or special uses in Table 3.6.3-2 of the LUMO that are consistent with this Agreement shall be designed in compliance with this Section.

			The Town or University may perform and use a stream determination for future development provided that it does not result in a substantial change in the location of buildings and infrastructure shown in Exhibit A.
17. Trees and landscaping in developed areas			
	What will be protected, removed, or planted on the project?	- Identify permitted/unallowable species for plantings. - Set any specific standards or requirements for plantings, maintenance, and location of plantings.	- Non-invasive plant species shall be used in plantings. - The developed area shall be planned to support a low maintenance, low water use, low fertilizer use landscape with 'best suited' plant materials. - Landscape Protection plans and Planting Plans for individual site development permit applications shall identify existing and proposed tree canopy mix and percent coverage, and landscape materials. Irrigation is proposed, controls shall utilize smart technology to conserve water. - Continuous tree protection fencing be shown at the limits of disturbance on the demolition and grading plans. Fencing must be installed and inspected prior to any site work or clearing.
18. Neighboring lands, compatibility, buffers			
	How will the proposed use be compatible with adjacent properties?	- Establish required buffers. - Identify points of access or connection between properties	- Development shall strive to be compatible with existing adjacent development and will be appropriately buffered. Development near existing neighborhoods shall respect buffers, height limits, lighting, drainage, noise impacts. - A minimum of a 100' buffer shall be maintained along the southern and eastern boundary. - A planting mix or density is not prescribed for the southern or eastern buffer. - The landscape buffer may be interrupted for utility access, or for the use of Greenways. - A landscape buffer is not required along Estes Drive.
19. Sedimentation			
	What are the sedimentation control standards?	- What are the metrics? - Who approves and monitors erosion control measures?	The Town shall comply with all applicable State and local soil and erosion control regulations, and shall be responsible for implementing erosion and sedimentation control measures for all land disturbing projects.
20. Noise			
	How will noise impacts be managed?	Set standards for measuring noise impacts including mechanical screening	- The Town's Noise Ordinance shall apply to the Development during construction and occupancy of the Property. - As provided in Section 4.9, prior to issuance of a Site Development Permit the Applicant shall include a construction management plan that provides the following noise-mitigation information at a minimum:

		and location of noise-generating equipment. Establish process for identifying or addressing complaints.	i. Indicate how the project construction will comply with the Town's Noise Ordinance; and ii. Provide a phone number for noise notifications during the construction period. - The Applicant shall post a sign on-site where the Development is to occur stating that noise issues can be reported by calling the posted phone number. - Complaints regarding compliance with the noise ordinance during construction shall be handled by the Town for Town projects, and by the University for University projects.
21. Lighting			
	How will lighting be managed?	- Set standards for measuring light impacts. - Set requirements for types of fixtures or infrastructure requirements. - Establish process for identifying or addressing complaints.	- The project shall seek to provide sensitive lighting design that does not intrude on adjacent properties. - All Town lighting standards in effect as of the Effective Date of this Agreement shall apply to the Municipal Services Center. - Future projects shall meet or exceed those same standards. - Site lighting shall be energy efficient and appropriate for the program requirements and times of use. - Each individual site development permit application shall demonstrate no increase in lighting foot-candle levels at the adjacent property line through submittal of a photometric plan. - Site lighting shall be energy efficient and appropriate for the program requirements and times of use. - The Applicant shall describe in each individual Site Development Permit application how lighting for that portion of the Development is designed. - New lighting within the Development shall comply with the following: i. All lighting, including that used in and around buildings, active recreation areas, parking areas, walkways, roadways, and signs, shall be designed to minimize spillover light onto property adjacent to the Property. ii. All lighting shall be designed to prevent glare that could impair vision and/or otherwise deteriorate normally accepted qualities and uses of property adjacent to the Property. iii. Outdoor lighting shall be mounted at heights no greater than fifteen (15) feet for non-cutoff lights and no greater than thirty-five (35) feet for most cutoff lights. - Photocell or motion sensor, or other energy efficient light fixtures shall be utilized across the site except for police or emergency services.

22. Signs			
	Signage	Establish sign regulations.	Signs shall be permitted in accordance with LUMO 5.14.
23. Annual Report			
	Sets standards for required annual report.	- What will be in the annual report? - How will it be reviewed?	- The Applicants shall submit to the Town Manager an Annual Report that includes the information required by this Agreement and that provides all necessary information for the Town Manager to assess their good faith compliance with the terms of this Agreement. This report shall form the basis for the Town Manager's periodic review of the Agreement as required by G.S. 160A-400.27(a). This required report is generally referred to as the "Annual Report." - The initial Annual Report shall be filed on or before [enter date] and shall report on activities from July 1, [YEAR] through June 30, [YEAR]. Subsequent reports shall be filed on or before September 1 each year and shall report on activities in the preceding fiscal year (the preceding reporting period). - The Annual Report shall include the specified items set forth in this Agreement and listed in this Section. The failure to include in this Section an item expressly required to be included by other Sections of this Agreement shall not relieve the Applicants of the responsibility to include that item in the Annual Report. The report may include such other items as deemed relevant by the Applicant. The Town Manager may also request inclusion of other specific information or provide for its inclusion in the following year's Annual Report if such requested information reasonably relates to Development.

SITE PLAN

- A** MUNICIPAL SERVICES BUILDING
72,000 SQ. FT. X 3.5 FLOORS
- B** TOWN FUTURE BUILDING
28,000 SQ. FT. X 3.5 FLOORS
- C** UNIVERSITY FUTURE BUILDING
100,000 SQ. FT. X 3.5 FLOORS
- SP** SURFACE PARKING
- TP** TABLE TOP STRUCTURED PARKING
- SCM** STORM WATER CONTROL MEASURE
- STREAM CENTERLINE
- - -** 50 FT. STREAM BUFFER



Proposed Guiding Principles for the Municipal Services Center Development Agreement DRAFT – 1.18.2018

Residents of the Elkin Hills neighborhood and other concerned citizens who have participated in meetings about the municipal services center request that the following guiding principles be incorporated into the development agreement for this project. These guiding principles take into consideration prior documents adopted by UNC-related entities.¹

Guiding Principles

- A. After discussions with residents, the Town and the University, the final agreed-upon principles will be voted on by the Chapel Hill Town Council and incorporated into the development agreement as its guiding principles. These principles will also serve as one of the design drivers for the project.
- B. The Town and the University will continue to consult with and seek feedback from the neighborhood if and when any additional buildings beyond the municipal services center building are under consideration.
- C. Site
 - 1. Preserve in perpetuity at least 50% of the site² as natural, non-fragmented and contiguous space³ serving as both a buffer to the neighboring residential properties, and as preservation of the natural environment for wildlife and a sense of forest and greenspace.
 - 2. Allow a maximum of 50% to be razed for development.
- D. Design with Empathy
 - 1. The impact on neighbors should be kept front and center in all planning and implementation.
 - 2. The project should not decrease the market values of the residential properties adjacent and near-adjacent to the site. The residents request the Town to seek a qualified opinion from an impartial, licensed appraiser.
 - 3. Manage development of the site to minimize impacts on adjacent neighborhood and the environment,⁴ using measurable indicators of impact, including both lighting and noise impacts (e.g., sirens used by the fire and police departments) and maximize aesthetics in accordance with the high standards set by the University.
 - a) Situate buildings away from the neighborhood and by preference along Estes Drive Extension with minimum setbacks from the street.
 - b) Extend the 100-foot required buffer to at least 200 feet.
 - c) Give strong preference to higher buildings rather than lower structures that cover more surface area.
 - d) Restrict the use and storage of hazardous materials such as fuels and chemicals.
 - e) Limit the use of fences.
- E. Environmental Leadership
 - 1. Demonstrate a leadership position in environmentally sensitive development regarding air quality, and energy production and consumption.⁵⁶
 - a) Construct buildings to meet high environmental standards, such as the AIA-2030 carbon reduction energy performance standards as recommended to the Town by the Environmental Stewardship Advisory Board (ESAB).⁷
 - b) Give strong preference to a multi-storied parking garage or parking under each building on the site, rather than expanded surface parking.

- c) Construct surface parking which optimizes storm water control including the use of permeable surfaces wherever possible.
 - d) Where technically possible, incorporate green energy options into site design, e.g., solar panels on roofs, solar carports over surface parking areas.
 - 2. Demonstrate a leadership position in environmentally sensitive development regarding landscaping and maintaining natural areas.
 - a) Retain as many mature and medium-height native trees and hardwoods as possible, particularly between the developed area and the buffer for the Elkin Hills neighborhood.⁸
 - b) Use only native plants in new and replacement landscaping for the site (as recommended by UNC's NC Botanical Garden).
- F. Exceed Storm Water Requirements
- 1. Demonstrate a leadership position regarding sustainable water management, waste water treatment and reuse,⁹ and creek water quality.
 - a) Exceed storm water management regulations on the site to eliminate or greatly decrease the risk of flooding and damage to property adjacent to and downstream from the site. Ensure that development of the site will result in no net increase in storm water discharge¹⁰ and flooding of the adjacent neighborhoods, and no net increase in loading of sediment and nutrients into local streams.¹¹
 - b) Reclaim and re-use rain and storm water (e.g., flushing within buildings, watering of vegetation, etc.).
 - c) Take prudent and reasonable steps, including improvement of stream channels in the Elkin Hills neighborhood and other neighborhoods downstream from the site, to improve management of run-off and to limit impact on Bolin Creek.

¹ These documents include: A) Carolina North 2007 Plan; B) REPORT OF THE LEADERSHIP ADVISORY COMMITTEE FOR CAROLINA NORTH January 19, 2007; C) UNC response to Horace Williams Citizens Committee report, 25 January 2006, Natural areas/parks and recreational facilities; D) Faculty Council Resolution 2002-6. Urging the University Administration to Commit Itself to Sustainability Measures in its Institutional Policies and Practices. PROPOSED BY THE BUILDINGS AND GROUNDS COMMITTEE (April 4, 2002).

² UNC response to Horace Williams Citizens Committee report, 25 January 2006, Natural areas/parks and recreational facilities, Principle 1, p. 5

³ REPORT OF THE LEADERSHIP ADVISORY COMMITTEE FOR CAROLINA NORTH, January 19, 2007, V. OPEN SPACE, NATURAL AREAS, PARKS AND RECREATION, p. 5

⁴ UNC response to Horace Williams Citizens Committee report, 25 January 2006, Development principle 1, p. 4

⁵ REPORT OF THE LEADERSHIP ADVISORY COMMITTEE FOR CAROLINA NORTH, January 19, 2007, V. OPEN SPACE, NATURAL AREAS, PARKS AND RECREATION, p. 4

⁶ Three zeros environmental initiative; Frequently asked questions; <https://threezeros.unc.edu/faq/>

⁷ CAROLINA NORTH PLANNING PROCESS SUMMARY OF KEY INTERESTS BY CATEGORY [FEBRUARY 11, 2009], p. 184

⁸ Sustainability at UNC. Grounds. <https://sustainability.unc.edu/initiatives/operations/grounds/>

⁹ UNC response to Horace Williams Citizens Committee report, 25 January 2006, Water and Sewer / Stormwater Management / Air Quality Principle 1, p. 5

¹⁰ UNC response to Horace Williams Citizens Committee report, 25 January 2006, Water and Sewer / Stormwater Management / Air Quality Principle, Principle 2, p. 5

¹¹ REPORT OF THE LEADERSHIP ADVISORY COMMITTEE FOR CAROLINA NORTH, January 19, 2007, Environmental principles, p. 4