

# UNC Health Care Eastowne Development Agreement Discussion

November 18, 2019

## Meeting Purpose

- Prepare for Wednesday's Council meeting;
- Understand UNC-HC's request to the State for draining the pond and stream crossings;
- Discuss opportunities to preserve Natural Heritage Site.

## Agenda

- 1. Background + Context
- 2. UNC-HC's Proposals
- 3. Environmental Overview
  - a. The Pond
  - b. Natural Heritage Site
- 4. Negotiation Opportunity

## Agenda

- 1. Background + Context
- 2. UNC-HC's Proposals
- 3. Environmental Overview
  - a. The Pond
  - b. Natural Heritage Site
- 4. Negotiation Opportunity

## Background

#### **Council Committee Members:**

- Mayor Hemminger
- Council member Gu
- Council member Parker
- Council member Schaevitz
- Council member Stegman (alternate)

## Background

February 2019 – Council authorized proceeding with Development Agreement:

- 13 Council Committee meetings;
- 5 community meetings;
- 13 Advisory Board meetings.

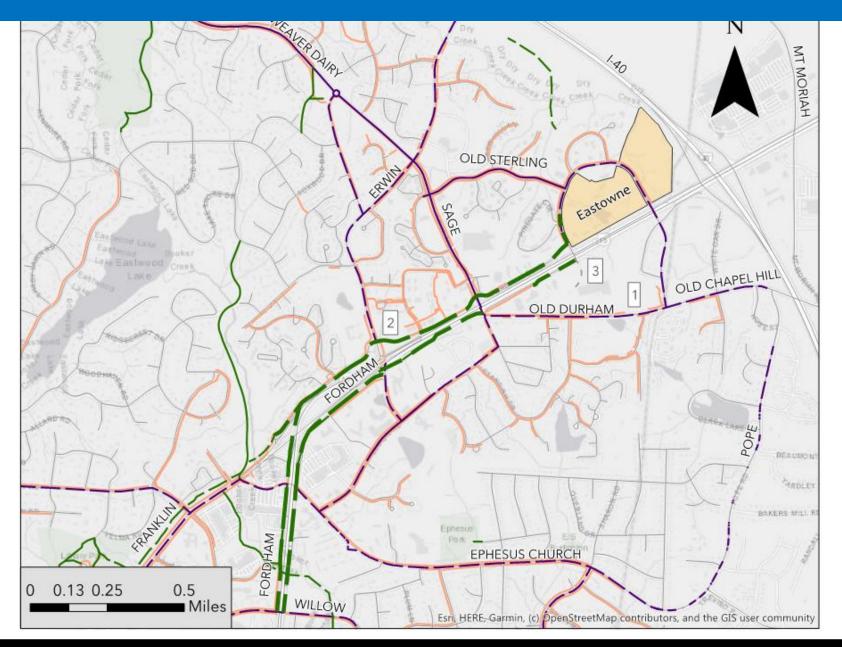
## **Principles**

- 1. Attractive Design/Appearance
- 2. Walkable Design
- 3. Suitable Public Infrastructure for Development
- 4. Sustainable Building Design
- 5. Enhance the Natural Environment
- 6. Support Community Prosperity

## **Upcoming Discussion Topics**

- 1. Transportation Impact Analysis
- 2. Height of buildings?
- 3. Parking numbers?
- 4. Pond drain?
- 5. Stream water quality and crossings?

#### Context



#### Eastowne



Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

## Agenda

- 1. Background + Context
- 2. UNC-HC's Proposals
- 3. Environmental Overview
  - a. The Pond
  - b. Natural Heritage Site
- 4. Negotiation Opportunity

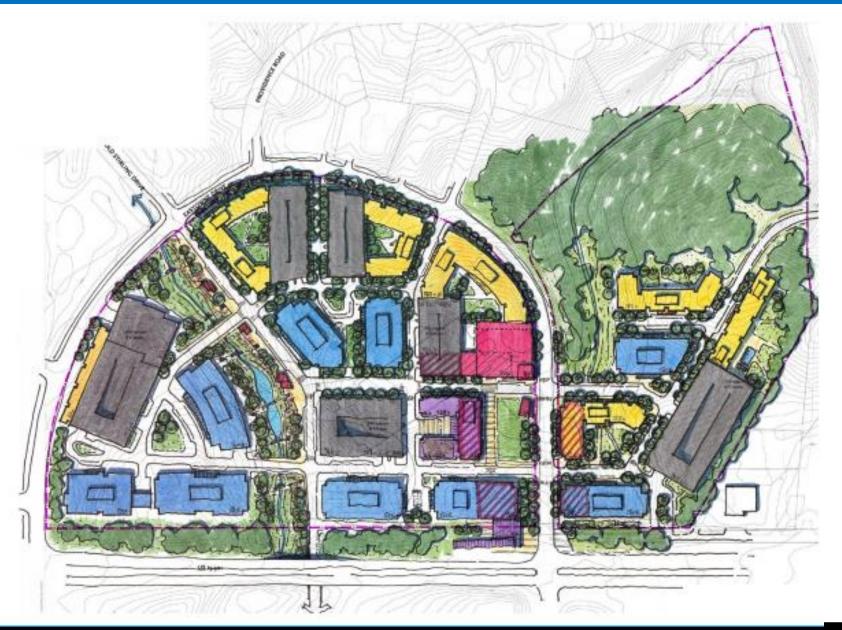








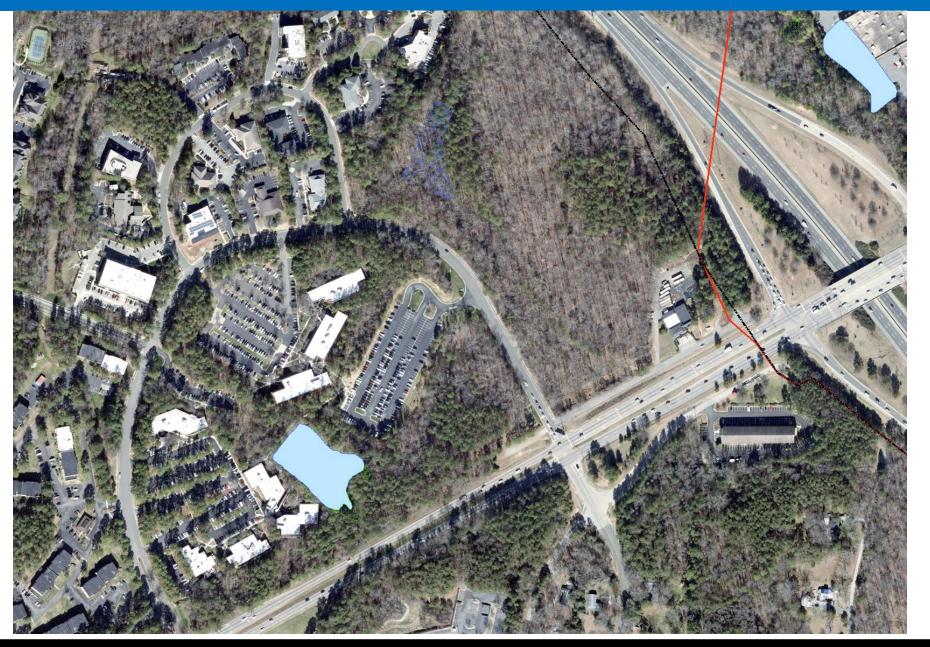




## Agenda

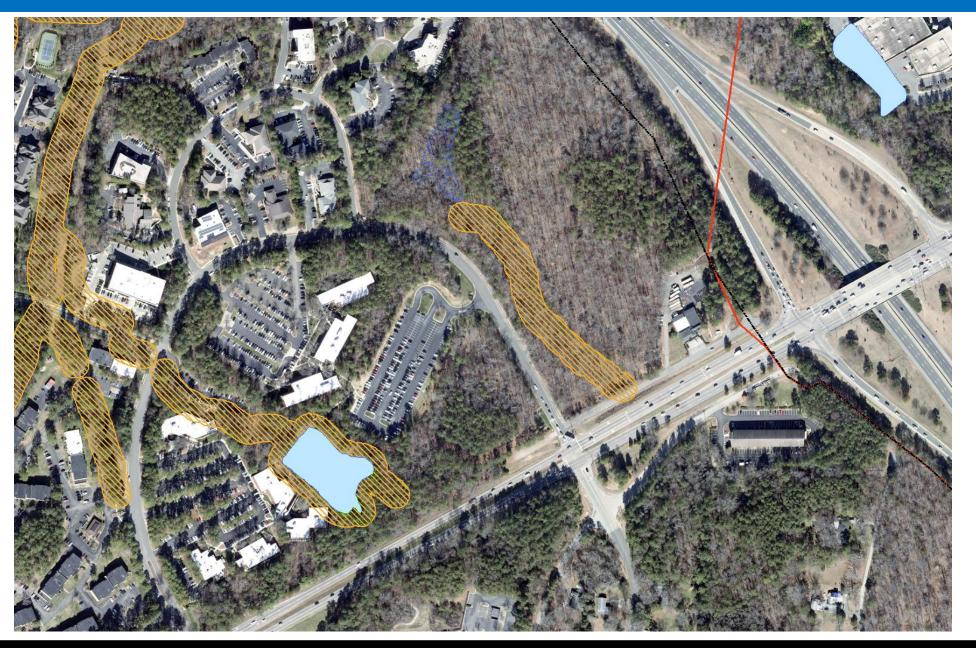
- 1. Background + Context
- 2. UNC-HC's Proposals
- 3. Environmental Overview
  - a. The Pond
  - b. Natural Heritage Site
- 4. Negotiation Opportunity

#### **Eastowne Pond**



Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

#### Eastowne Jordan Buffer



Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

## Eastowne Resource Conservation District



Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

## Pond

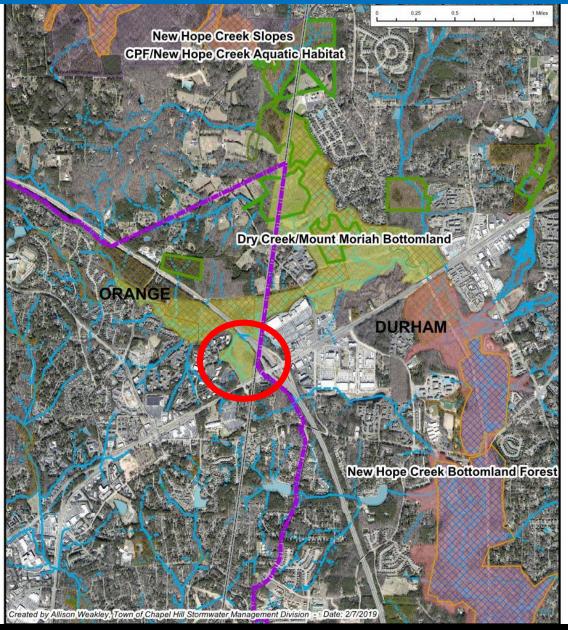


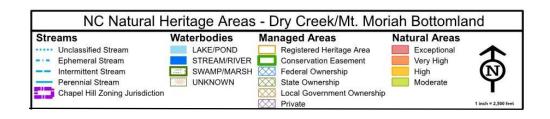


## Agenda

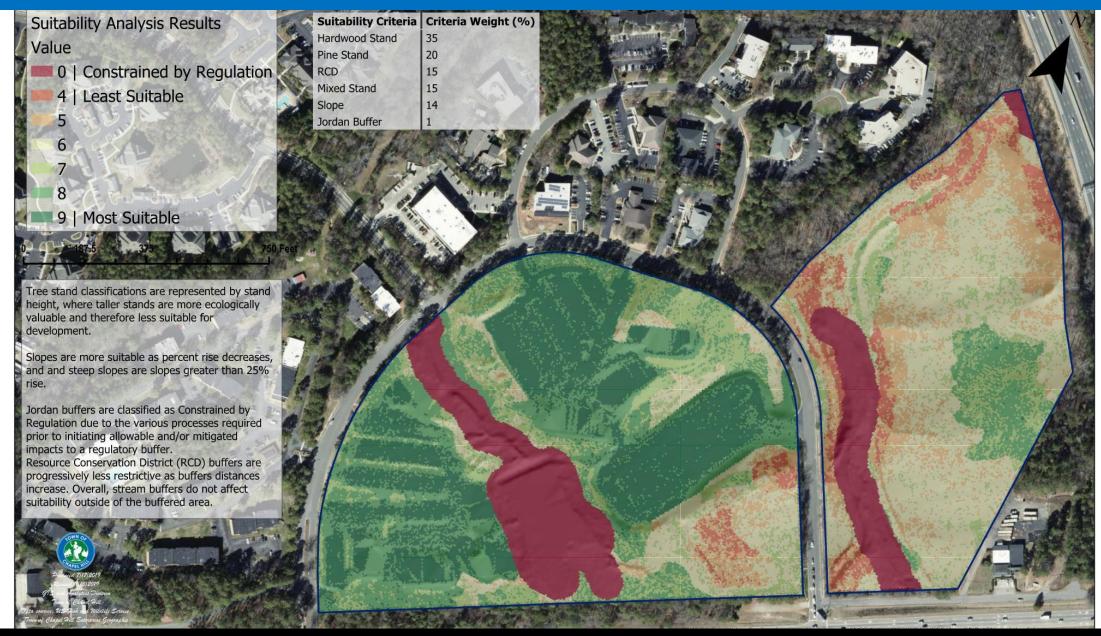
- 1. Background + Context
- 2. UNC-HC's Proposals
- 3. Environmental Overview
  - a. The Pond
  - b. Natural Heritage Site
- 4. Negotiation Opportunity

#### Natural Heritage Areas





# Suitability Analysis

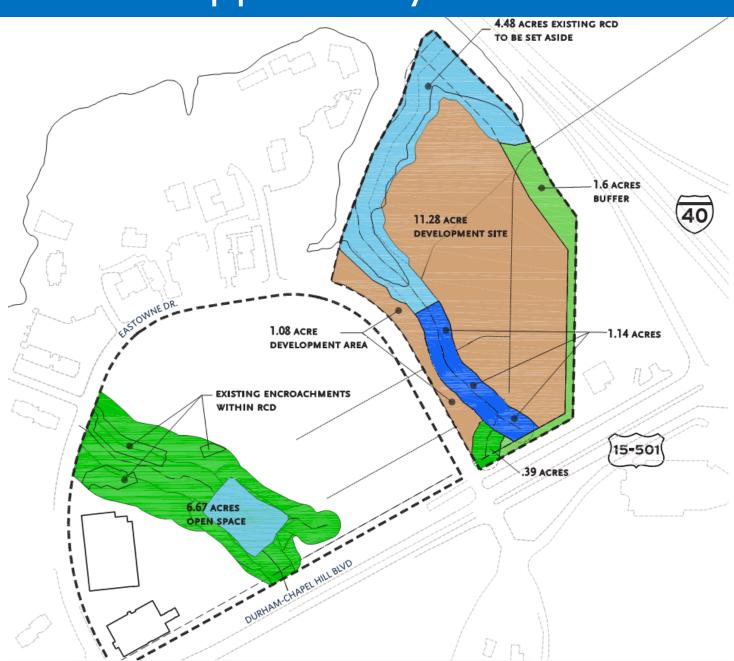


Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

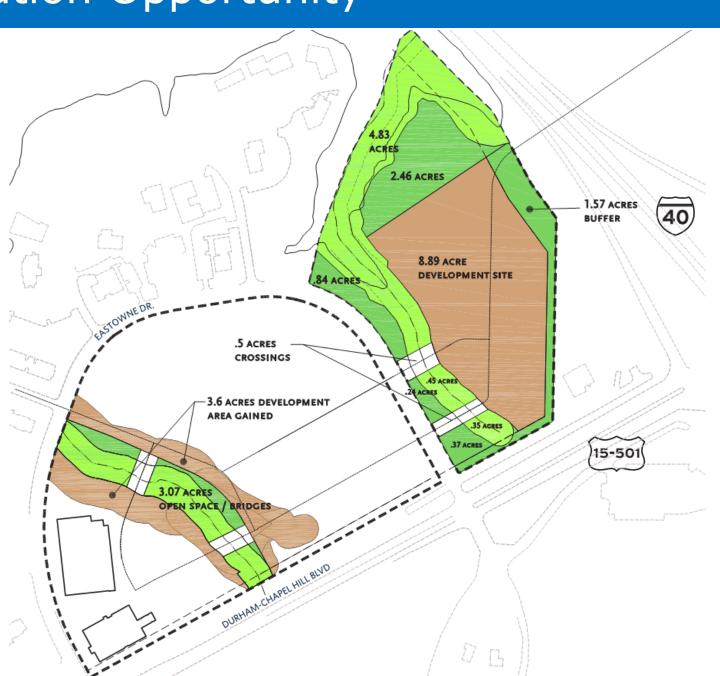
## Agenda

- 1. Background + Context
- 2. UNC-HC's Proposals
- 3. Environmental Overview
  - a. The Pond
  - b. Natural Heritage Site
- 4. Negotiation Opportunity

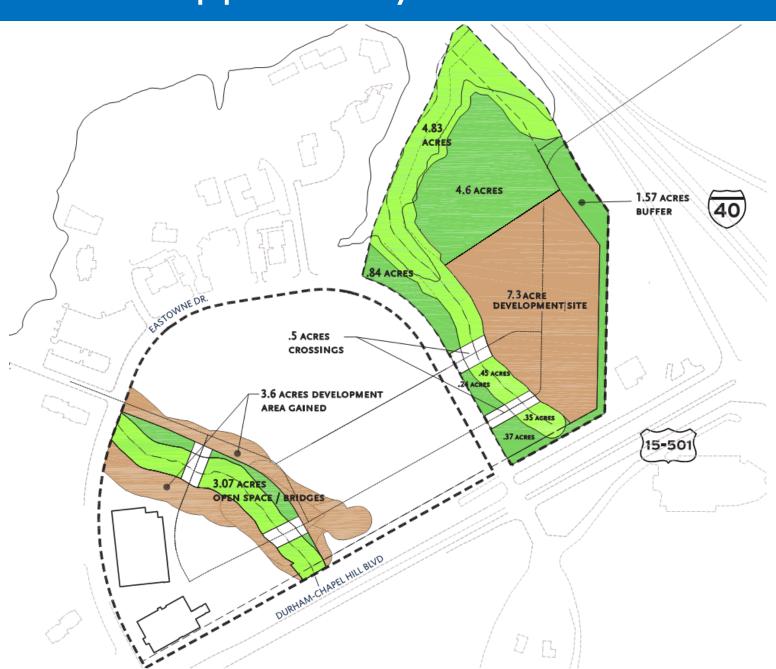
Development area gained by draining pond in exchange for preservation area + community benefits



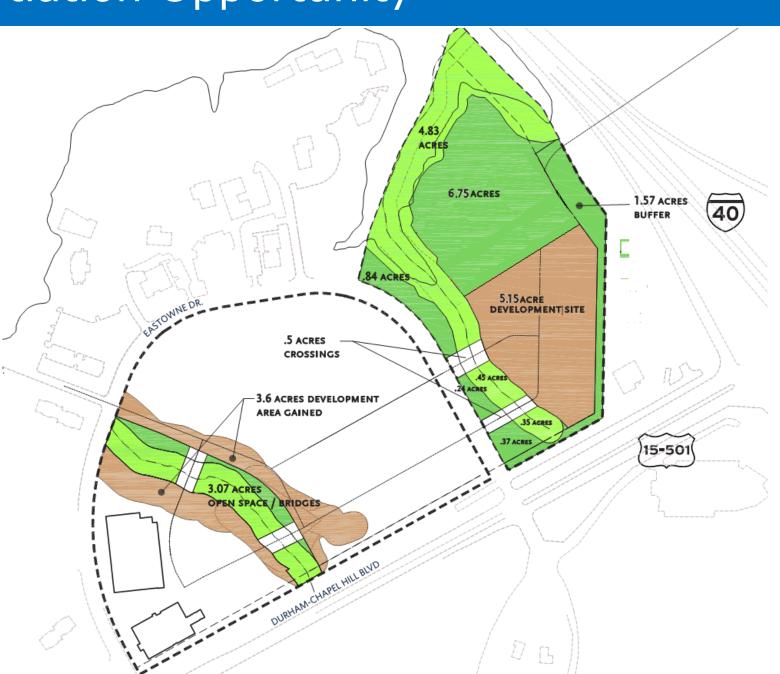
1:1 Ratio



1:1.5 Ratio

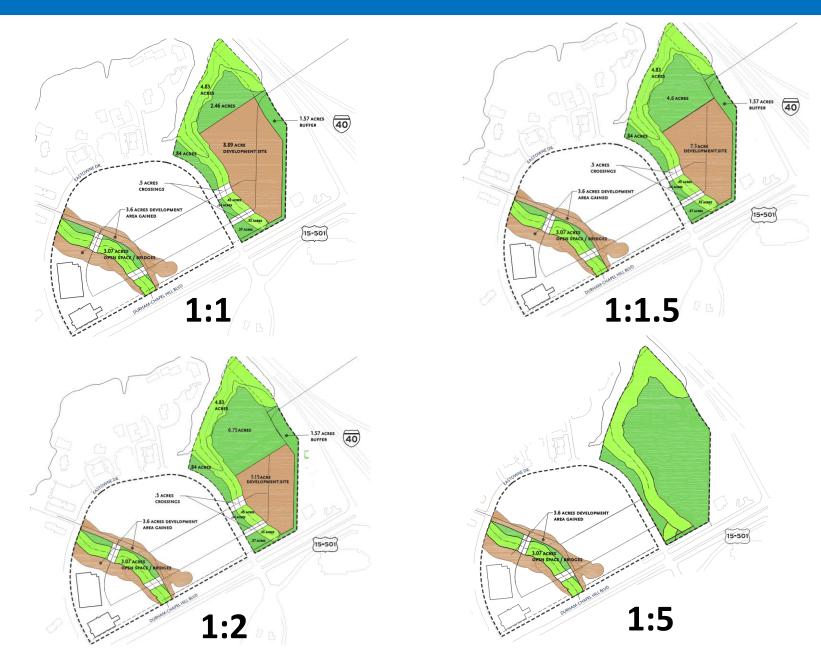


1:2 Ratio



1:5 Ratio





## Timeline

PHASE 1	PHASE 2	PHASE 3	PHASE 4
Visioning	Plan Scenario	Plan Refinement	Final Master Plan
<ul> <li>Solicit + Analyze Public Input         UNC         Public</li> <li>Sustainability         Workshop</li> </ul>	<ul> <li>Review         Alternative         Scenarios</li> </ul>	<ul> <li>Selection +         Refinement         of Preferred         Alternative</li> </ul>	Prepare Final     Master Plan
JAN FEB MAR APR MAY JUN	JUL AUG SEP OCT	NOV DEC JAN FEB	MAR APR MAY JUN
11 Month	7 Months	Remaining	

## Meeting Purpose

- Prepare for Wednesday's Council meeting;
- Understand UNC-HC's request to the State for draining the pond and stream crossings;
- Discuss opportunities to preserve Natural Heritage Site.

# Hydrology



Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

### Tree Canopy Height



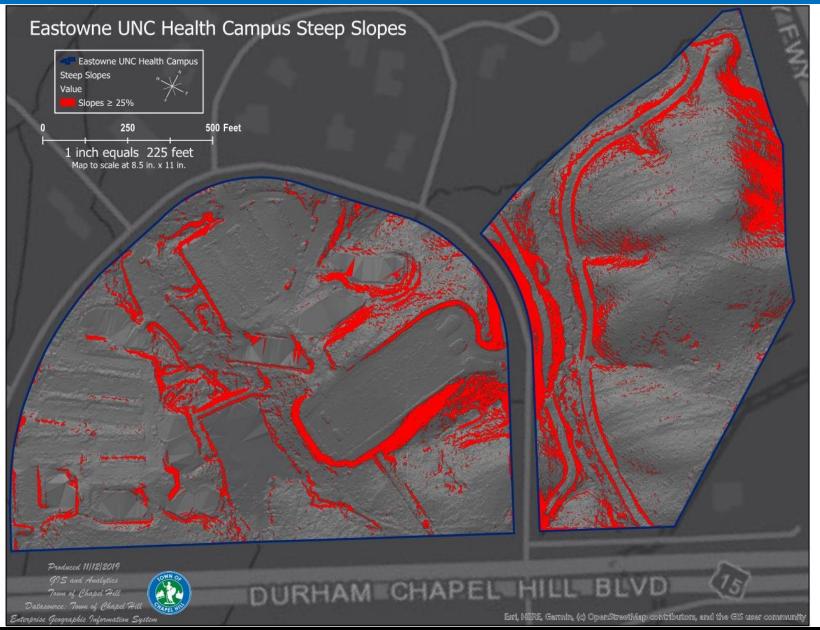
Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

### Steep Slopes



Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

### Steep Slopes



Town of Chapel Hill | 405 Martin Luther King Jr. Blvd. | www.townofchapelhill.org

		NEGOTIATION OPPORTUNITY	LUMO BASE CONDITION	UNC-HC BASE CONDITION	HORSESHOE ONLY	UNC-HC ALTERNATE 1	UNC-HC ALTERNATE 2
Development	Northern Parcel (20.54 acres total)						
	Horseshoe (29.90 acres total)						
	TOTAL						

		NEGOTIATION OPPORTUNITY		UNC-HC BASE CONDITION	HORSESHOE ONLY	UNC-HC ALTERNATE 1	UNC-HC ALTERNATE 2
Development	Northern Parcel (20.54 acres total)		12.49 acres (8.05 preserved)	12.49 acres (8.05 preserved)			
Development Area (50.44 acres total)	Horseshoe (29.90 acres total)		23.27 acres (6.67 preserved)	23.27 acres (6.67 preserved)			
	TOTAL		35.76 acres	35.76 acres			



		NEGOTIATION OPPORTUNITY	LUMO BASE CONDITION	UNC-HC BASE CONDITION	HORSESHOE ONLY	UNC-HC ALTERNATE 1	UNC-HC ALTERNATE 2
Development Area (50.44 acres total)	Northern Parcel (20.54 acres total)		12.49 acres (8.05 preserved)	12.49 acres (8.05 preserved)	0 acres (20.5 preserved)		
	Horseshoe (29.90 acres total)		23.27 acres (6.67 preserved)	23.27 acres (6.67 preserved)	26.83 acres (3.07 preserved)		
	TOTAL		35.76 acres	35.76 acres	26.83 acres		



		NEGOTIATION OPPORTUNITY	LUMO BASE CONDITION	UNC-HC BASE CONDITION	HORSESHOE ONLY	UNC-HC ALTERNATE 1	UNC-HC ALTERNATE 2
Development Area (50.44 acres total)	Northern Parcel (20.54 acres total)		12.49 acres (8.05 preserved)	12.49 acres (8.05 preserved)	0 acres (20.5 preserved)	8.89 acres (11.65 preserved)	
	Horseshoe (29.90 acres total)		23.27 acres (6.67 preserved)	23.27 acres (6.67 preserved)	26.83 acres (3.07 preserved)	26.83 acres (3.07 preserved)	
	TOTAL		35.76 acres	35.76 acres	26.83 acres	35.72 acres	



		NEGOTIATION OPPORTUNITY	LUMO BASE CONDITION	UNC-HC BASE CONDITION	HORSESHOE ONLY	UNC-HC ALTERNATE 1	UNC-HC ALTERNATE 2
Development Area (50.44 acres total)	Northern Parcel (20.54 acres total)		12.49 acres (8.05 preserved)	12.49 acres (8.05 preserved)	0 acres (20.5 preserved)	8.89 acres (11.65 preserved)	8.89 acres (11.65 preserved)
	Horseshoe (29.90 acres total)		23.27 acres (6.67 preserved)	23.27 acres (6.67 preserved)	26.83 acres (3.07 preserved)	26.83 acres (3.07 preserved)	26.83 acres (3.07 preserved)
	TOTAL		35.76 acres	35.76 acres	26.83 acres	35.72 acres	35.72 acres



		NEGOTIATION OPPORTUNITY	LUMO BASE CONDITION	UNC-HC BASE CONDITION	HORSESHOE ONLY	UNC-HC ALTERNATE 1	UNC-HC ALTERNATE 2
Development Area (50.44 acres total)	Northern Parcel (20.54 acres total)		12.49 acres (8.05 preserved)	12.49 acres (8.05 preserved)	0 acres (20.5 preserved)	8.89 acres (11.65 preserved)	8.89 acres (11.65 preserved)
	Horseshoe (29.90 acres total)		23.27 acres (6.67 preserved)	23.27 acres (6.67 preserved)	26.83 acres (3.07 preserved)	26.83 acres (3.07 preserved)	26.83 acres (3.07 preserved)
	TOTAL		35.76 acres	35.76 acres	26.83 acres	35.72 acres	35.72 acres



## **Negotiation Framework**

		NEGOTIATION OPPORTUNITY	LUMO BASE CONDITION	UNC-HC BASE CONDITION	HORSESHOE ONLY	UNC-HC ALTERNATE 1	UNC-HC ALTERNATE 2
Development	Northern Parcel (20.54 acres Development total)  Area gained in	12.49 acres (8.05 preserved)	12.49 acres (8.05 preserved)	0 acres (20.5 preserved)	8.89 acres (11.65 preserved)	8.89 acres (11.65 preserved)	
Area (50.44 Horsesh	Horseshoe (29.90 acres	exchange for preservation area	23.27 acres (6.67 preserved)	23.27 acres (6.67 preserved)	26.83 acres (3.07 preserved)	26.83 acres (3.07 preserved)	26.83 acres (3.07 preserved)
	TOTAL		35.76 acres	35.76 acres	26.83 acres	35.72 acres	35.72 acres

FAR	35.76 acres	26.83 acres
1.8M sf	1.15	1.54
2.3M sf	1.47	1.96
2.8M sf	1.80	2.40

### **NEXT STEPS**

DATE	ACTION	TOPIC
November 18, 2019	Work Session	
November 20, 2019	Council Meeting	Pond drainage; Development area
December 2, 2019	Committee Meeting	Environmental Analysis
December 10, 2019	Committee Meeting	Development Density; Buffers; Preservation area
January 6, 2020	Committee Meeting	Stormwater & impervious; Tree Canopy;

### **Environmental Assessment**

#### **Jurisdictional Waters Map**



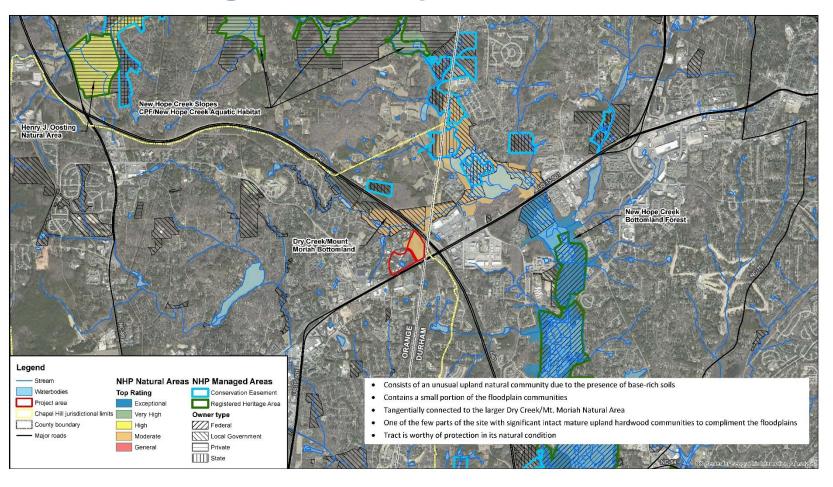
### **Environmental Assessment**

#### **Forest Stand Age Map**



#### **Environmental Assessment**

#### **Natural Heritage Areas Map**



#### TIA PROCESS

# UNC Health Care Eastowne Property

**Transportation Impact Analysis** 

**Project Flow Chart** 

**BLUE = Previous Task** 

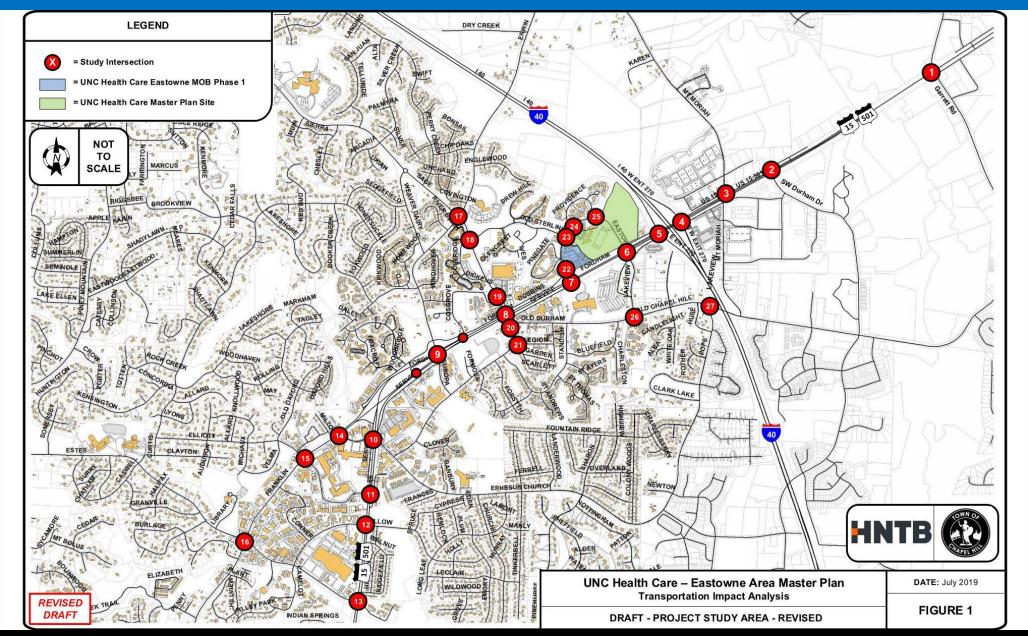
GREEN = Current Task

ORANGE = Future Tasl

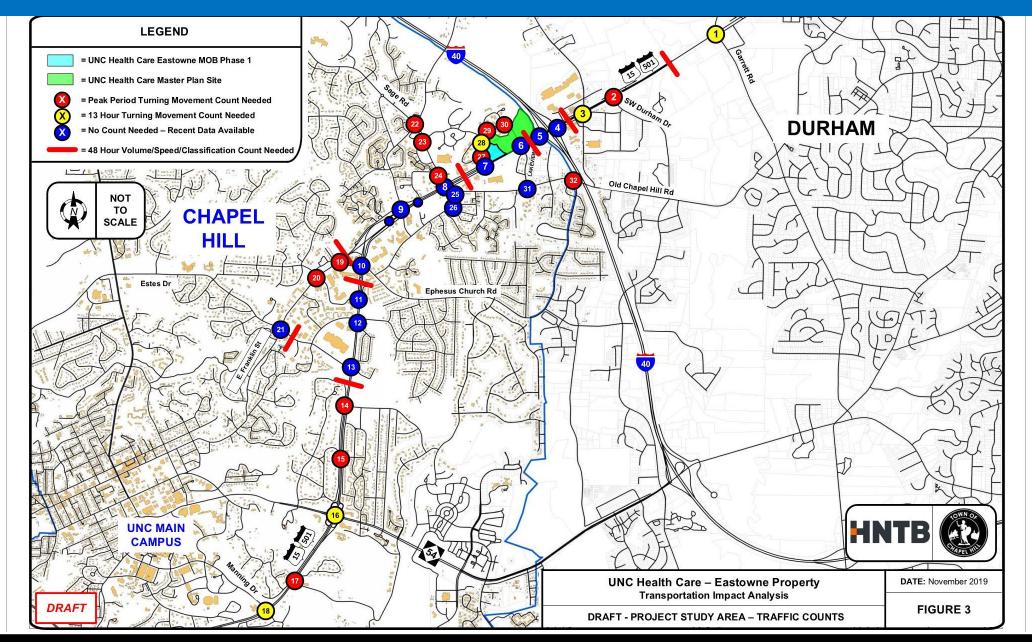




### TIA ORIGINAL STUDY AREA



#### TIA REVISED STUDY AREA



### TIA FINAL STUDY AREA

