

# Campus in the Pines

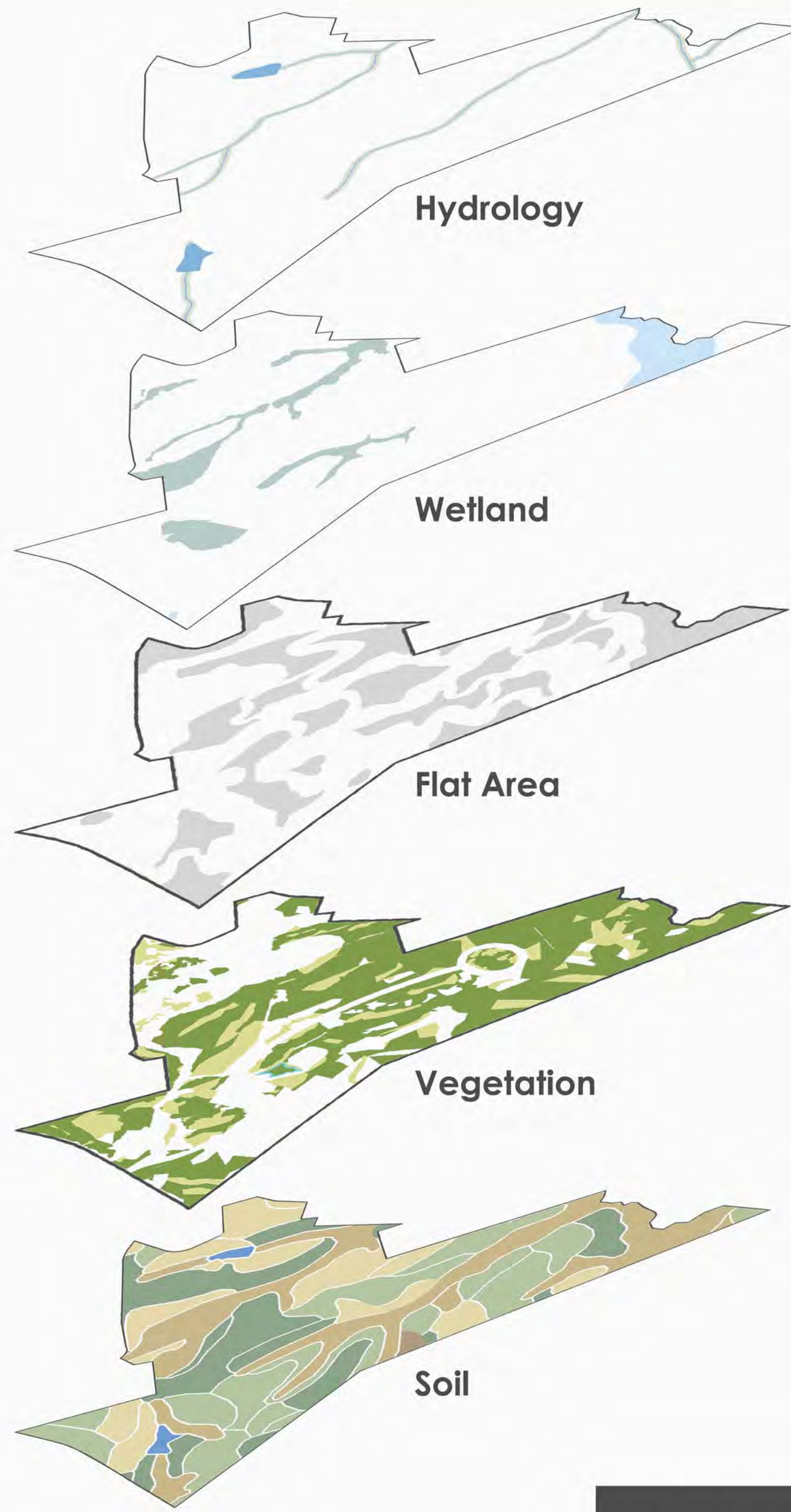
- Campus Size:**  
249 acres
- Student body:**  
1,100
- Longleaf pine forest:**  
410 acres
- Species of Interest:**
- Gopher tortoise
  - Indigo snake
  - Red Cockaded woodpecker



## Existing Site Conditions



## Suitability Maps



## GI Plan



- Rain
- Planters
- Bioswale

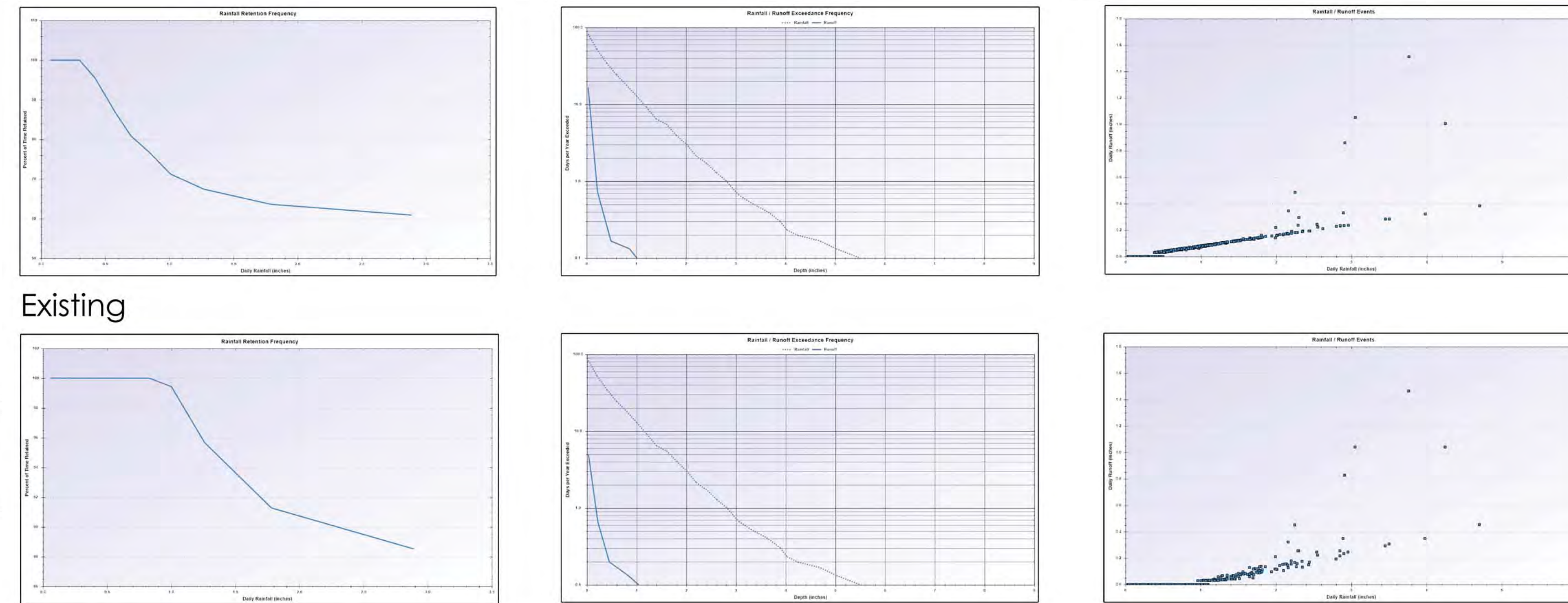
## Metrics

METRICS	Land Use				Vegetation		Stormwater		Soil		
	Academic	Residential	Passive Recreation	Active Recreation	Tree cover percent	Appropriate plant use	Impervious surface	Runoff reduction	Pollutant reduction	Area protected	
Building Development	✓	✓	✓	✓	30%	Native and Adapted	95%	Capture 100% of 1.2" storms and 80% of storms	80%	0%	90%
Interactive Conservation	✓	✗	✓	✗	70%	Native	5%	Capture 100% of 3" storms	90%	95%	100%
Preservation	✗	✗	✗	✗	80%	Native	0%	Capture 100% of 3" storms	95%	100%	100%
Circulation	✗	✗	✗	✗	20%	Native and Adapted	95%	Capture 100% of 1.2" storms and 80% of storms	80%	0%	90%
Eco-commons	✓	✗	✓	✓	50%	Native and Adapted	20%	Capture 100% of 1.8" storms and 80% of storms	80%	40%	95%

## Suitability Tables

HABITAT SUITABILITY				HYDROLOGY SUITABILITY (distance from tributary or pond in feet)				LAND USE GUIDELINES				SLOPE SUITABILITY				SOIL SUITABILITY				VEGETATION SUITABILITY			
ZONES	LOW	MEDIUM	HIGH	ZONES	LOW	MEDIUM	HIGH	ZONES	LOW	MEDIUM	HIGH	ZONES	LOW	MEDIUM	HIGH	ZONES	LOW	MEDIUM	HIGH	ZONES	LOW	MEDIUM	HIGH
Building Development	Current tortoise habitat	Potential tortoise habitat	Not tortoise habitat	Building Development	100 ft.	100-200 ft.	200 ft. +	Building Development	Tortoise habitat	Recreation, academics, water features	Parking, academic, residential, open space	Building Development	10% +	5-10%	0-5%	Building Development	Poor drainage	Medium drainage	Good drainage	Building Development	Deciduous	New evergreen	No vegetation
Interactive Conservation	Not tortoise habitat	Potential tortoise habitat	Current tortoise habitat	Interactive Conservation	200 ft. +	100-200 ft.	100 ft.	Interactive Conservation	Parking, residential, academic, athletic, open space, tortoise habitat	Emerging pine forest	Established longleaf pine forest, tortoise habitat	Interactive Conservation	0-5%	5-10%	10%+	Interactive Conservation	Good drainage	Medium drainage	Poor drainage	Interactive Conservation	Deciduous, mature evergreen	New evergreen	No vegetation
Preservation	Not tortoise habitat	Potential tortoise habitat	Current tortoise habitat	Preservation	200 ft. +	100-200 ft.	100 ft.	Preservation	Parking, residential, academic, athletic, open space, tortoise habitat	Emerging pine forest	Established longleaf pine forest, tortoise habitat	Preservation	0-5%	5-10%	10%+	Preservation	Good drainage	Medium drainage	Poor drainage	Preservation	No vegetation	New evergreen	Deciduous, mature evergreen
Circulation	Current tortoise habitat	Potential tortoise habitat	Not tortoise habitat	Circulation	100 ft.	100-200 ft.	200 ft. +	Circulation	Tortoise habitat	Recreation, academics, water features	Parking, academic, residential, open space	Circulation	10% +	5-10%	0-5%	Circulation	Poor drainage	Medium drainage	Good drainage	Circulation	Deciduous, mature evergreen	New evergreen	No vegetation
Open Space	Current tortoise habitat	Potential tortoise habitat	Not tortoise habitat	Eco-commons	100 ft.	100-200 ft.	200 ft. +	Eco-commons	Tortoise habitat	Recreation, academics, water features	Parking, academic, residential, open space	Eco-commons	10% +	5-10%	0-5%	Eco-commons	Poor drainage	Medium drainage	Good drainage	Eco-commons	Deciduous, mature evergreen	New evergreen	No vegetation

## EPA SWMM Results



## Phasing

