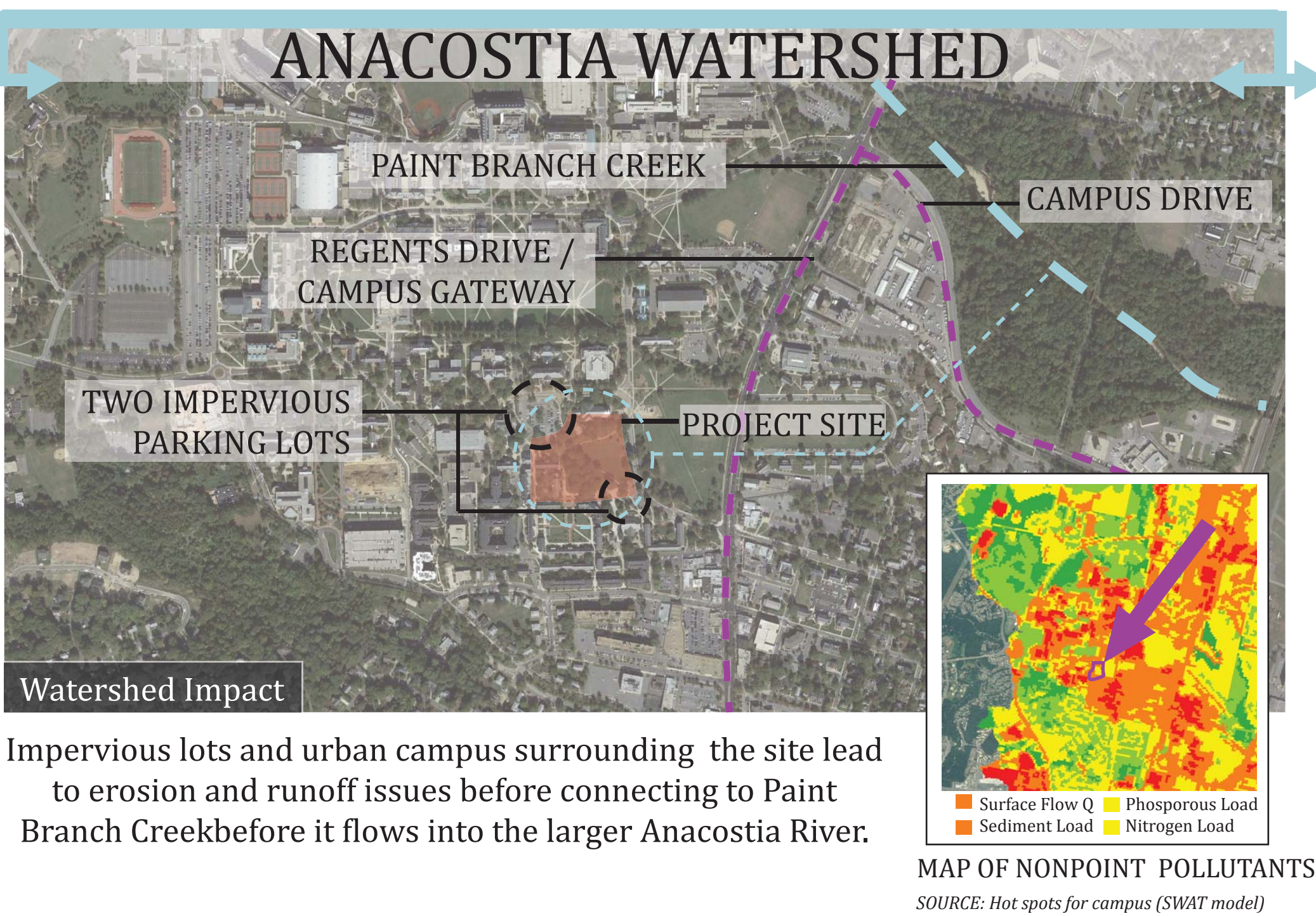
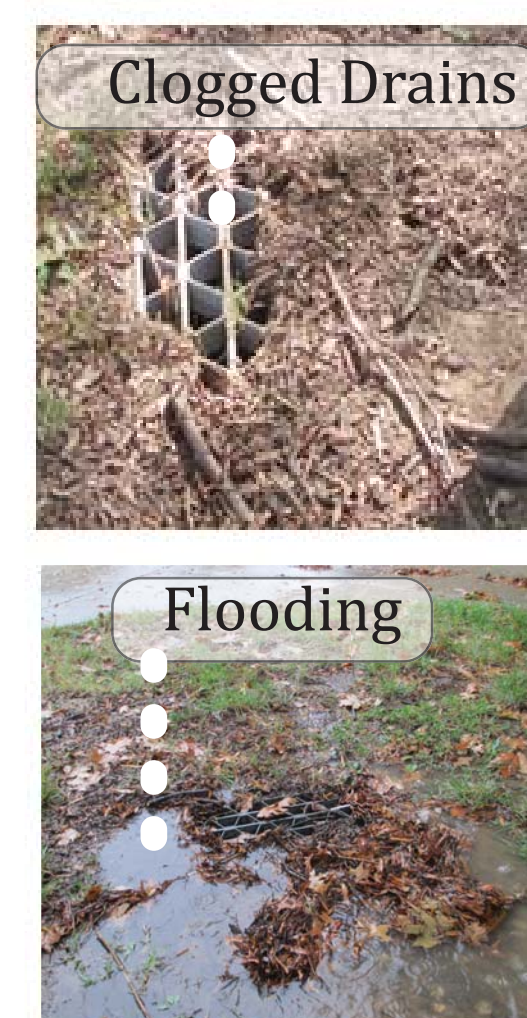
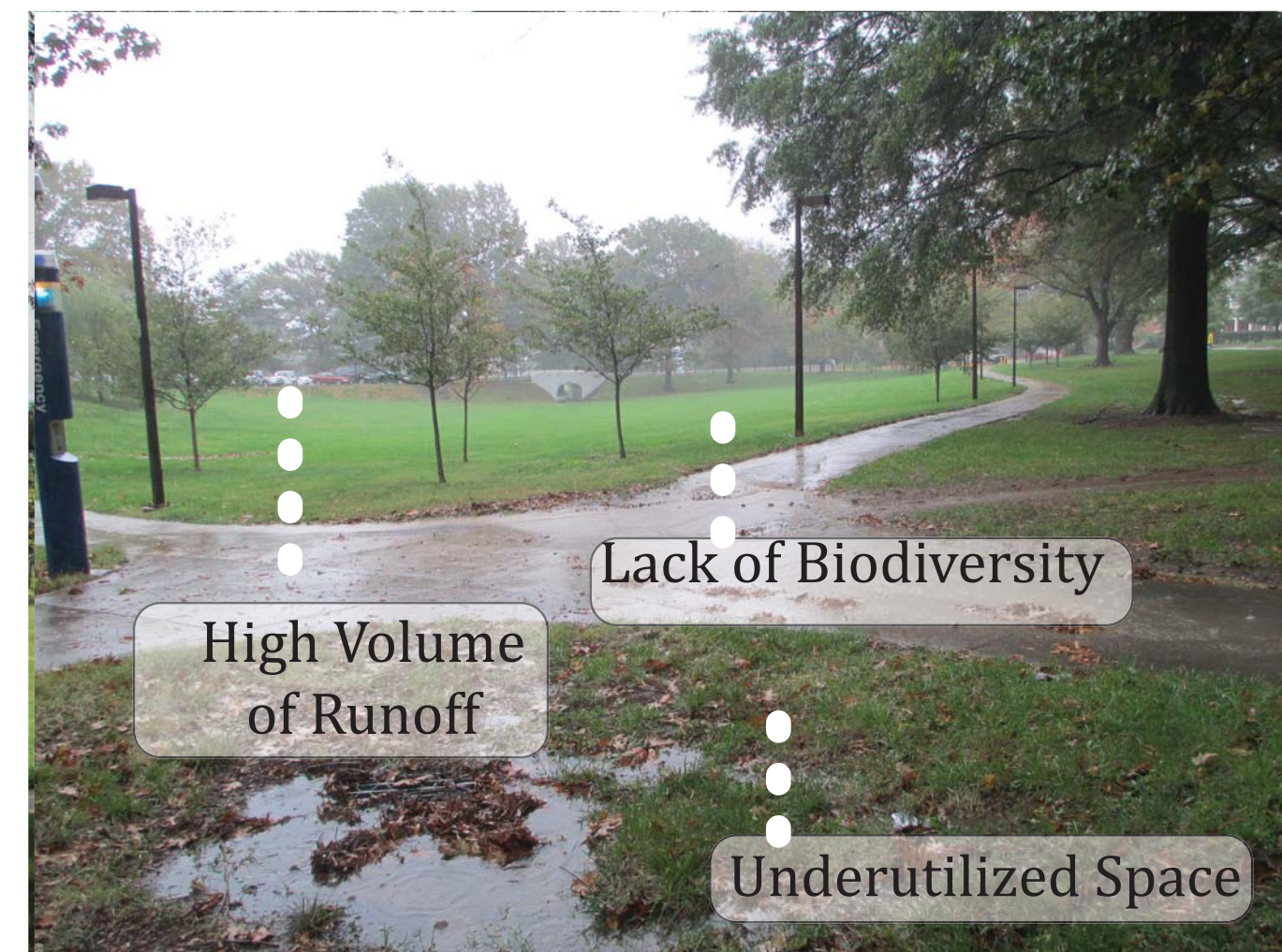


PROBLEM



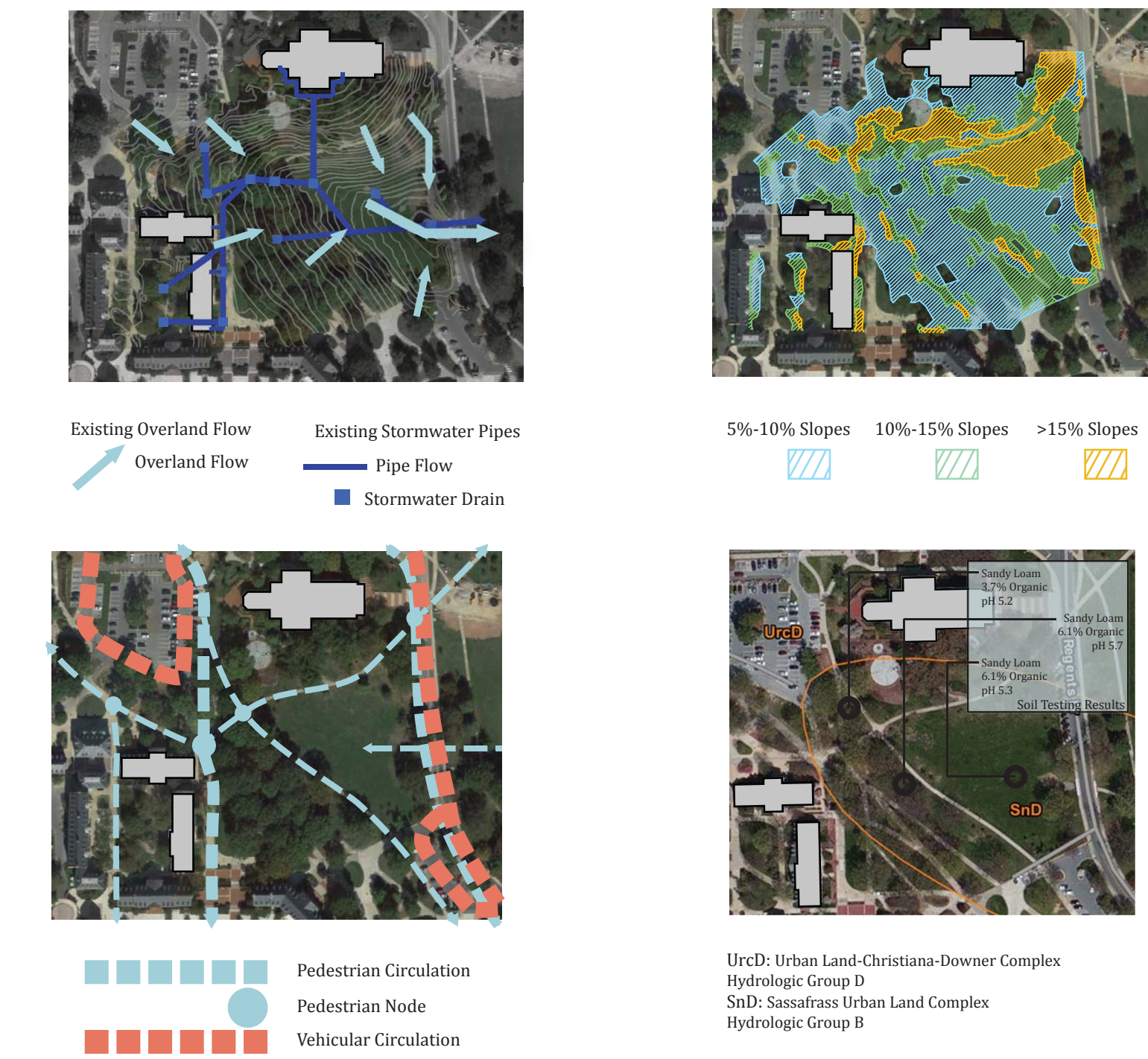
EXISTING SITE CONDITIONS



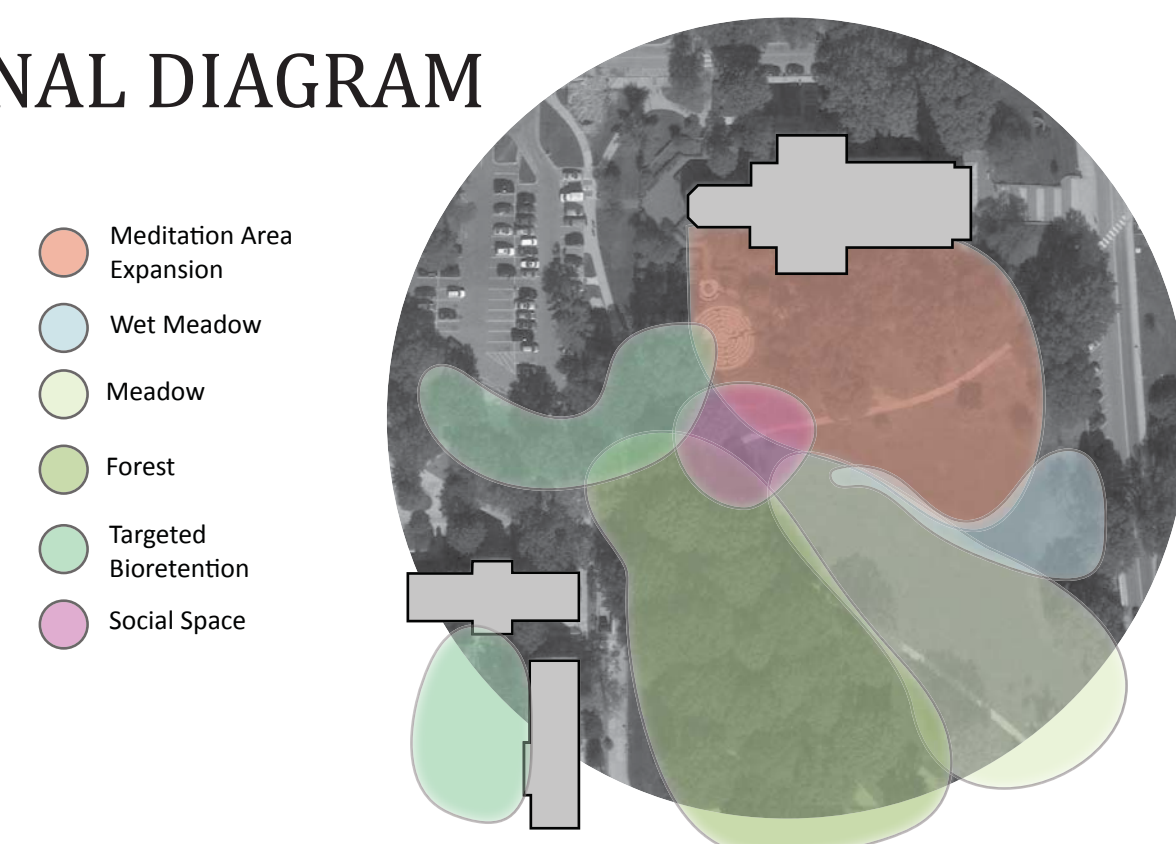
GOALS/OBJECTIVES

- Promote **biodiversity** through **native plantings** that target **wildlife** groups
- Create **ecologically rich habitats** as **aesthetically** appropriate choices for a **university campus**
- Provide **educational, social** and **reflective spaces** for students in a natural setting
- **Capture, detain, infiltrate, and filter** stormwater runoff

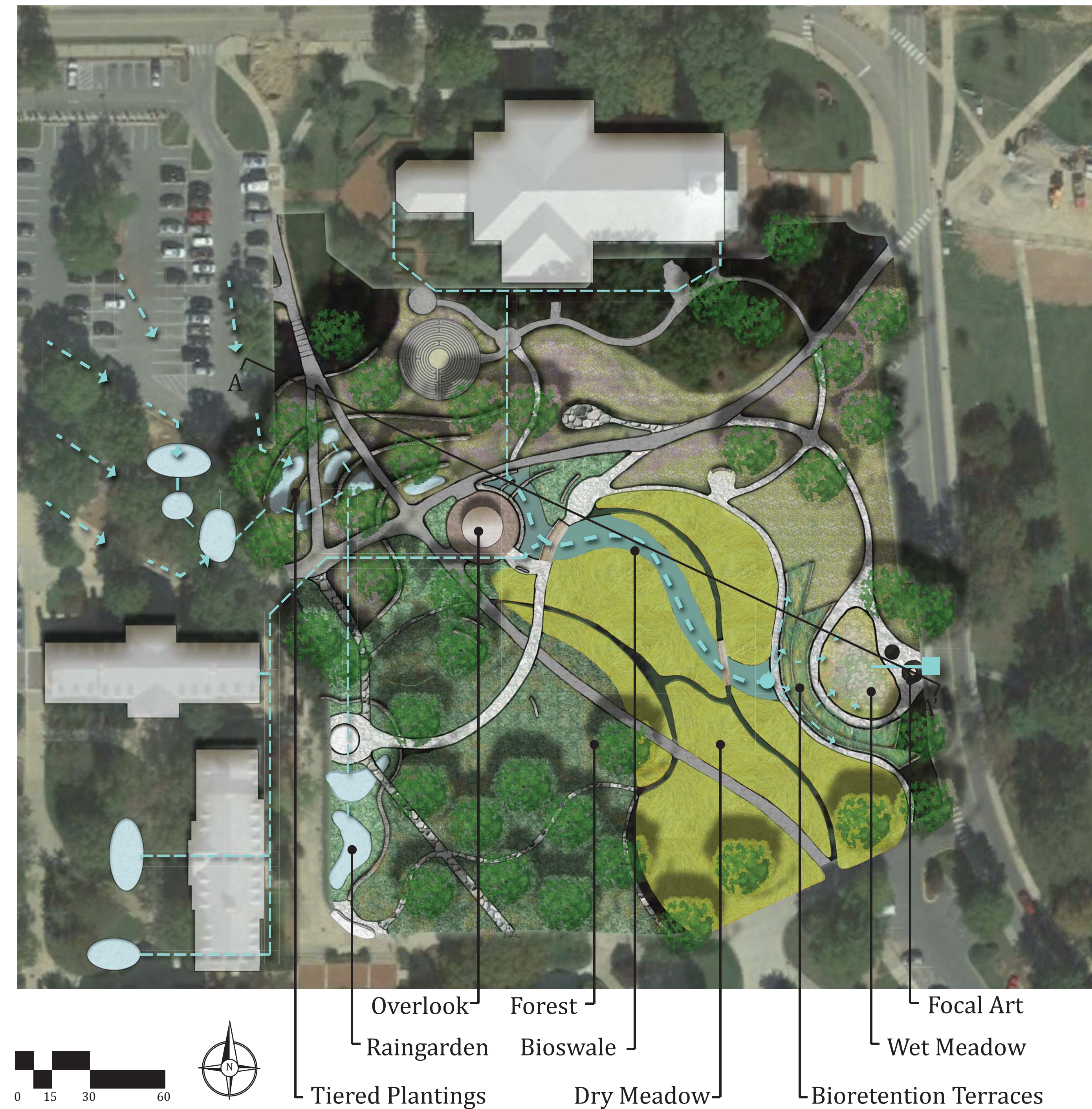
PROCESS



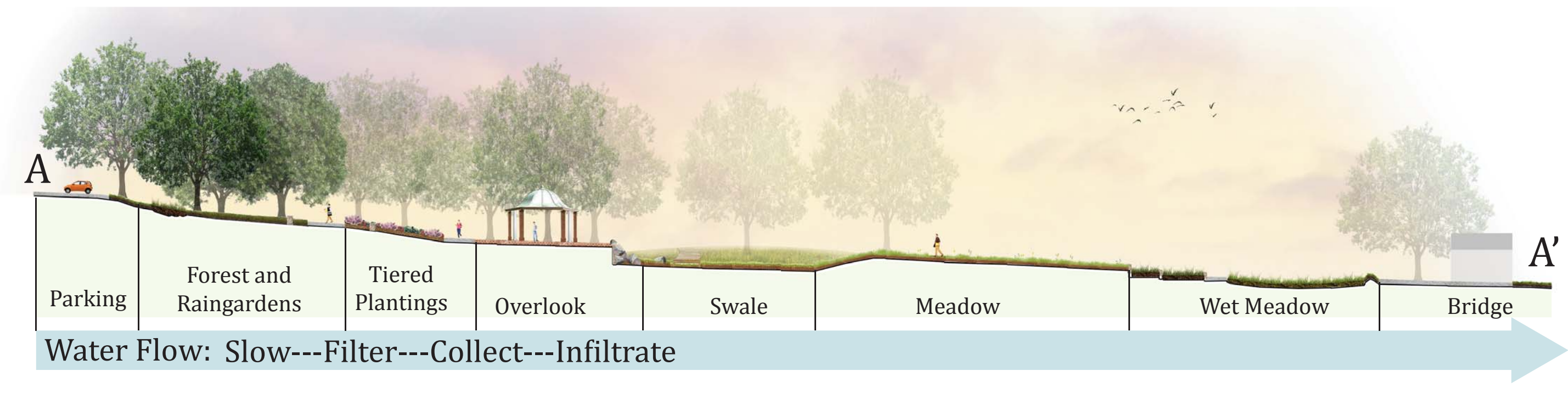
FUNCTIONAL DIAGRAM



SOLUTION



SECTION A-A'



2.5 ACRES

100% of existing **lawn replaced with native plants**

1 YEAR

Storm : **100% of runoff treated with multiple LID controls**

5 YEAR

Storm : **55% of runoff treated with multiple LID controls**

45 X

Factor in which pollinator diversity are **increased by meadow plant community** over lawn. (Tallamy, 2014)