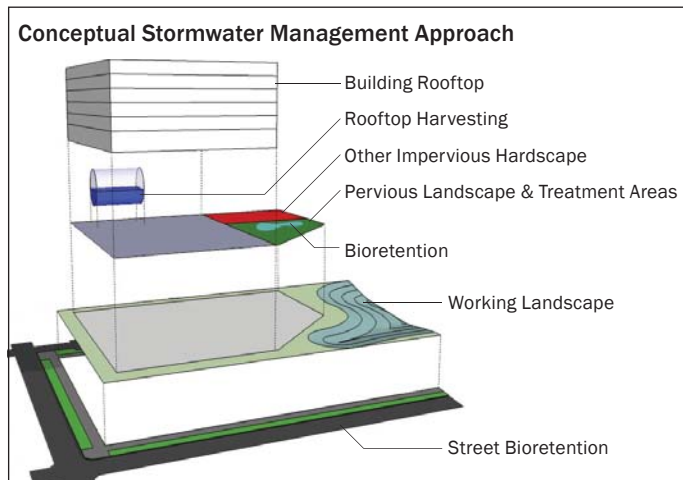
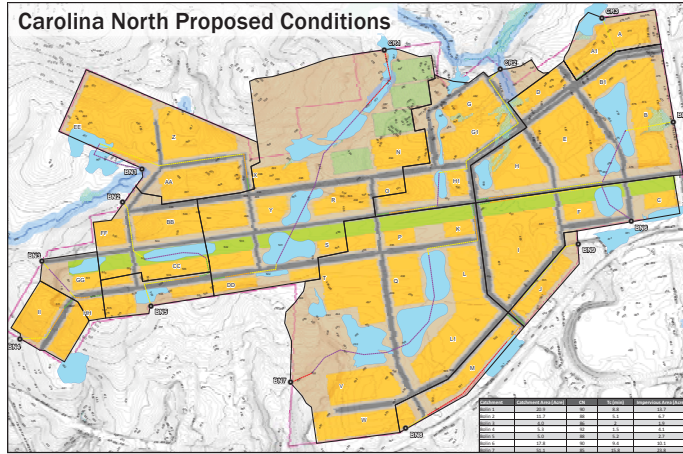


Carolina North Stormwater Management Concept Plan

Chapel Hill, North Carolina



Harvesting the power of green infrastructure, this conceptual stormwater management plan presents a total water management solution for the campus of the University of North Carolina.

Biohabitats developed a conceptual stormwater management plan for Carolina North, a 270-acre site that will be developed over a 50-year timeframe into a sustainable, world-class research and learning campus for the University of North Carolina.

and proposed conditions as well as the selection, placement, and sizing of proposed stormwater management features. These features include rainwater harvesting, bioretention, green roofs and wetlands that will be integrated into the building and landscape design. The principal philosophy behind Biohabitats' approach was to control stormwater at its source and beneficially reuse captured rainwater to the maximum extent practicable.

The plan meets multiple layers of regulatory requirements, including 401 water quality certification, local stormwater criteria, a regional nutrient strategy, and a development agreement with the Town of Chapel Hill.

The hydrologic analysis involved assessment of existing

SERVICES

- Planning
- Concept Design
- Stormwater Management Policy/Guidelines

*conservation planning
ecological restoration
regenerative design*



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