

2014 NCASLA Design Awards

Presented by Daniel A. Jewell, RLA, ASLA



AMERICAN SOCIETY OF
LANDSCAPE ARCHITECTS

North Carolina Chapter



AWARDS JURY OHIO CHAPTER ASLA



AMERICAN SOCIETY OF
LANDSCAPE ARCHITECTS

North Carolina Chapter



GENERAL DESIGN



AMERICAN SOCIETY OF
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North Carolina Chapter

General Design



Project Name: Dr. Wesley Grant Sr. Southside Center Phase One

Firm Name: LandDesign

Project Location: Asheville, North Carolina

General Design



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Award of Recognition



Project Name: Dr. Wesley Grant Sr. Southside Center Phase One

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General Design



Project Name: Financial Services Company Campus Courtyards

Firm Name: Surface 678

Project Location: Research Triangle Park

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Project Name: Financial Services Company Campus Courtyards

Firm Name: Surface 678

Project Location: Research Triangle Park

Award of Merit

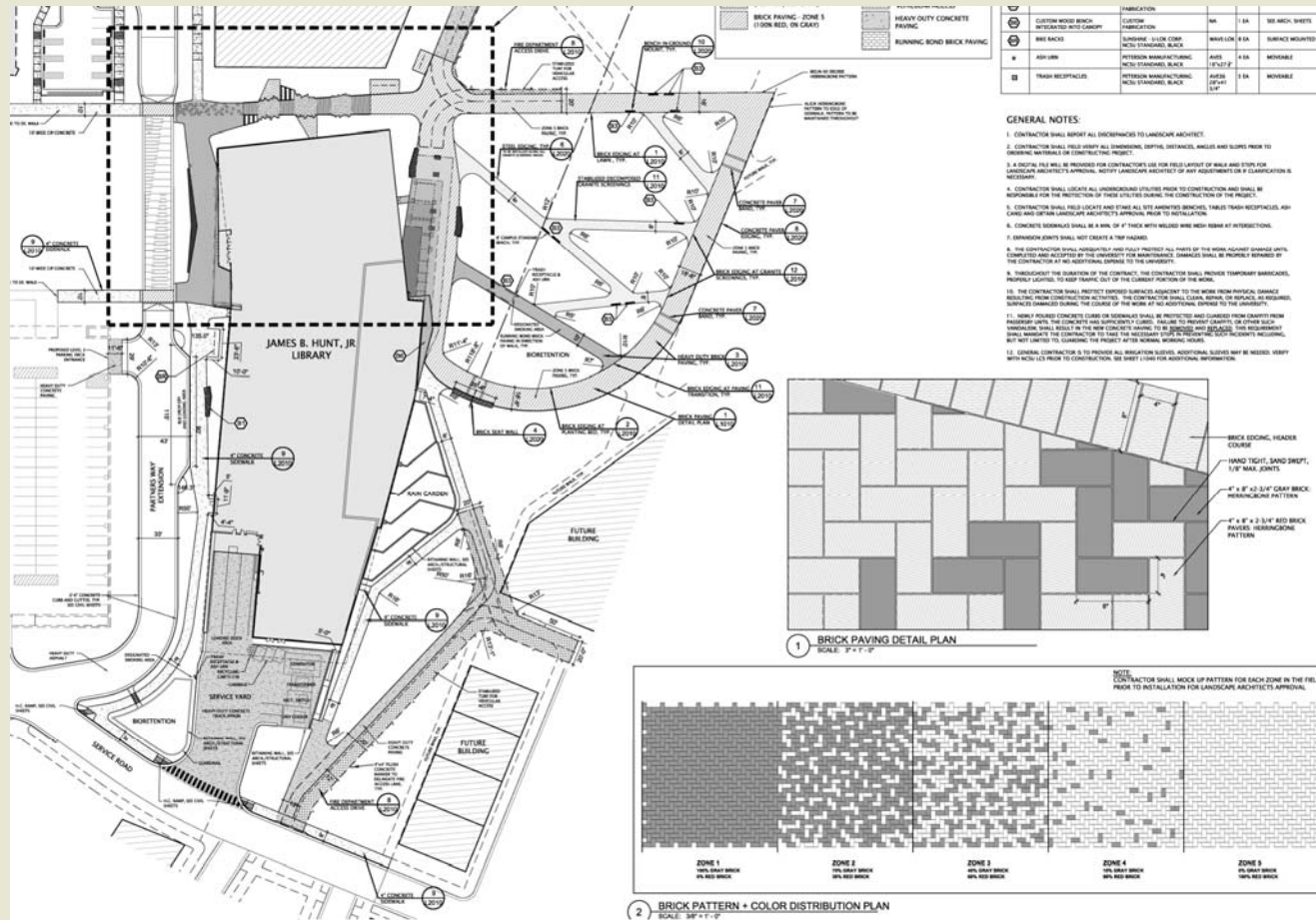


Project Name: Financial Services Company Campus Courtyards

Firm Name: Surface 678

Project Location: Research Triangle Park

General Design



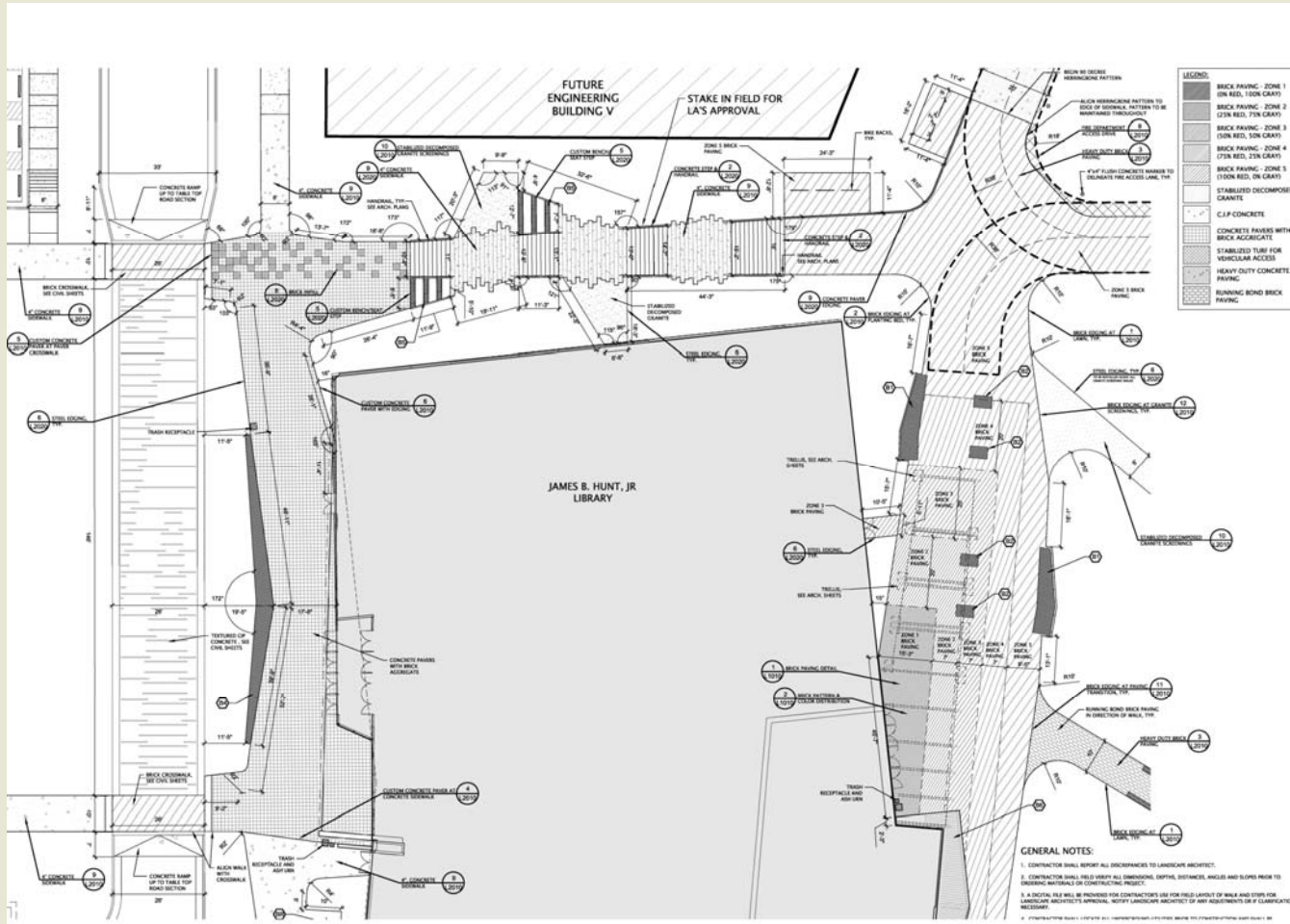
James B. Hunt, Jr. Library – Overall Site Plan

Project Name: James B. Hunt Jr. Library

Firm Name: Susan Hatchell Landscape Architecture, PLLC

Project Location: Centennial Campus - NCSU

General Design



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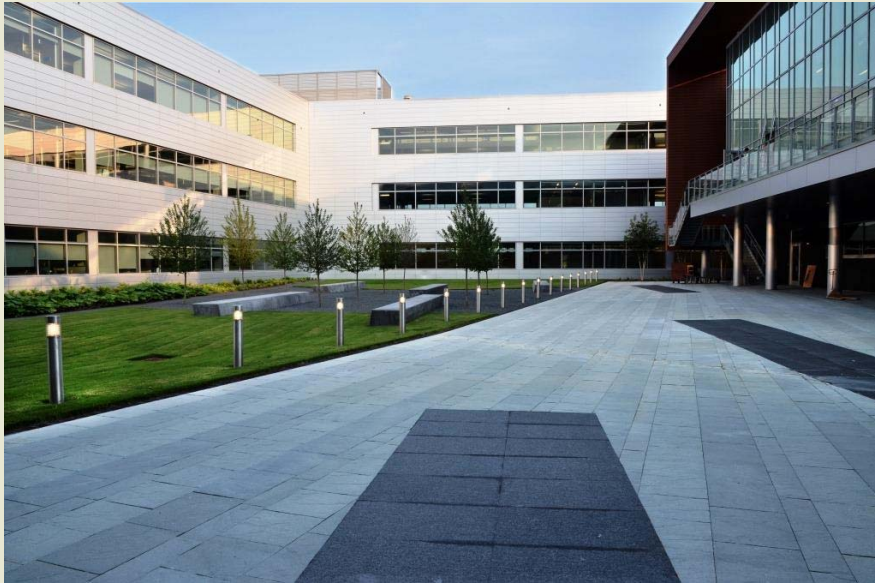


Project Name: James B. Hunt Jr. Library

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General Design



Project Name: Durham County Human Services Complex

Firm Name: Surface 678

Project Location: Durham, North Carolina

General Design



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Award of Honor

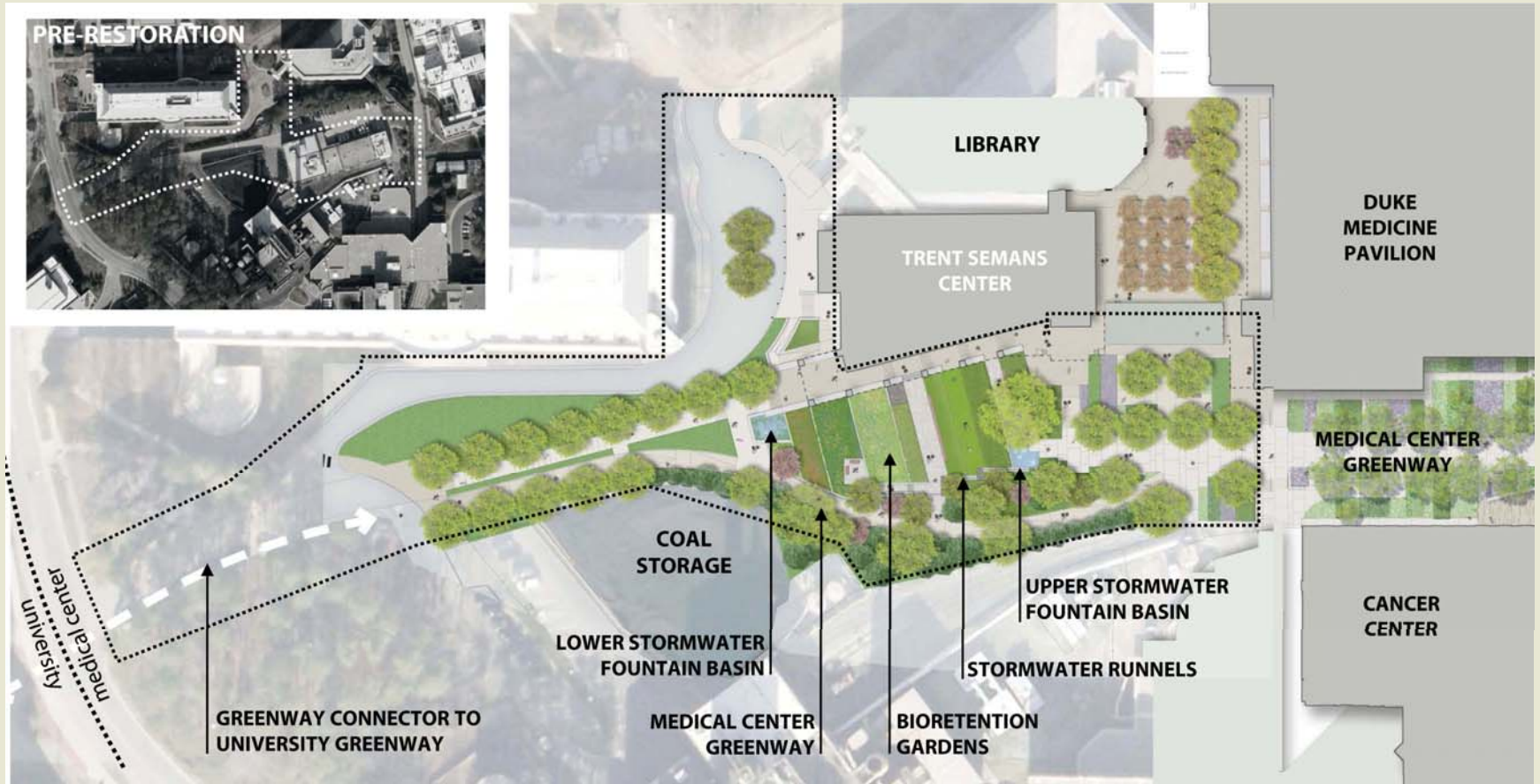


Project Name: Durham County Human Services Complex

Firm Name: Surface 678

Project Location: Durham, North Carolina

General Design

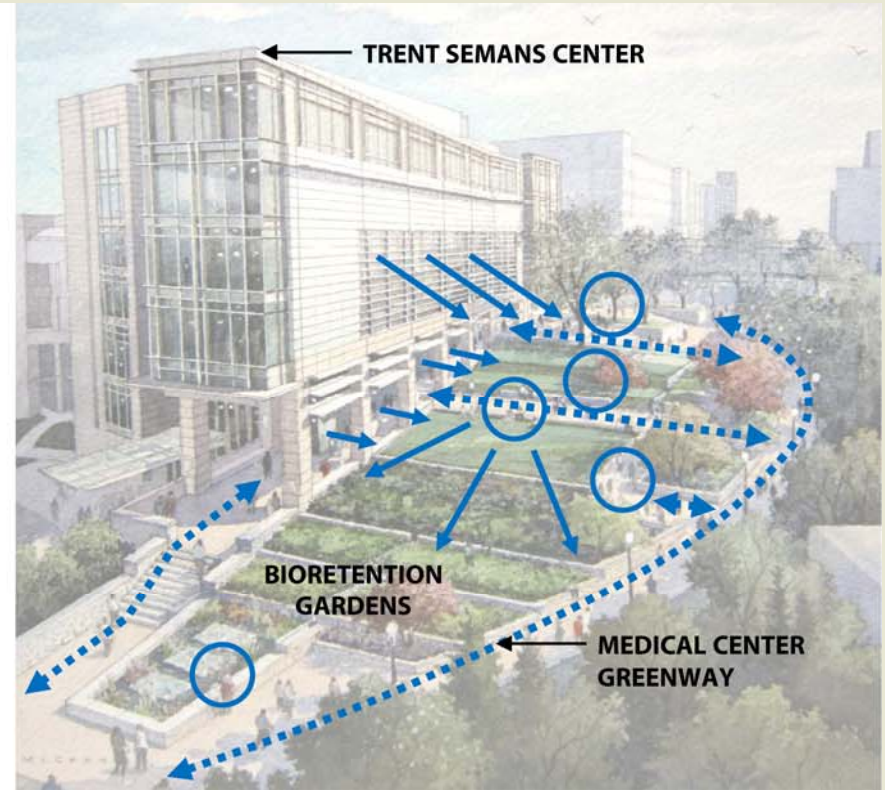


Project Name: Duke University School of Medicine
Trent Semans Center for Health Education

Firm Name: Stewart

Project Location: Durham, North Carolina

General Design



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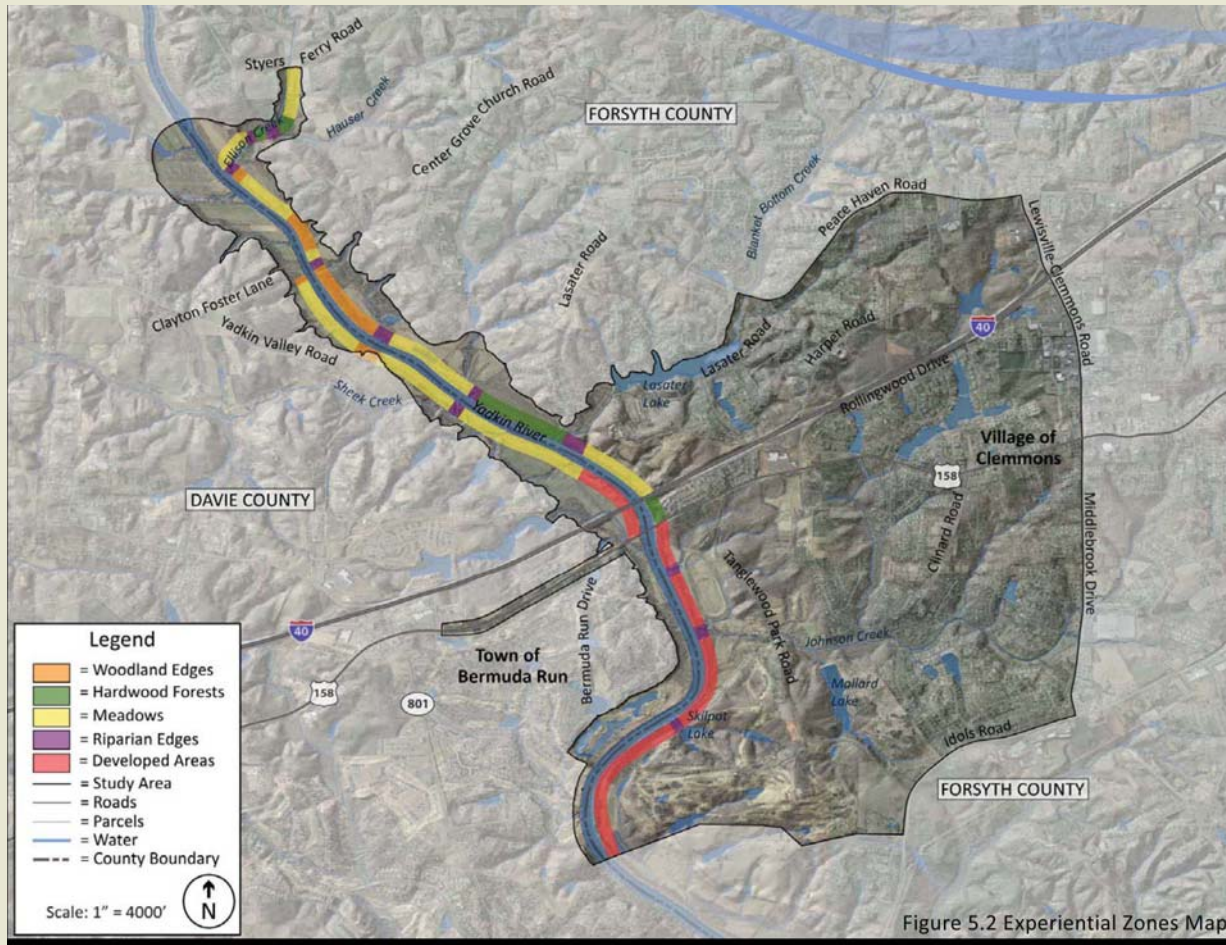
ANALYSIS AND PLANNING



AMERICAN SOCIETY OF
LANDSCAPE ARCHITECTS

North Carolina Chapter

Analysis and Planning

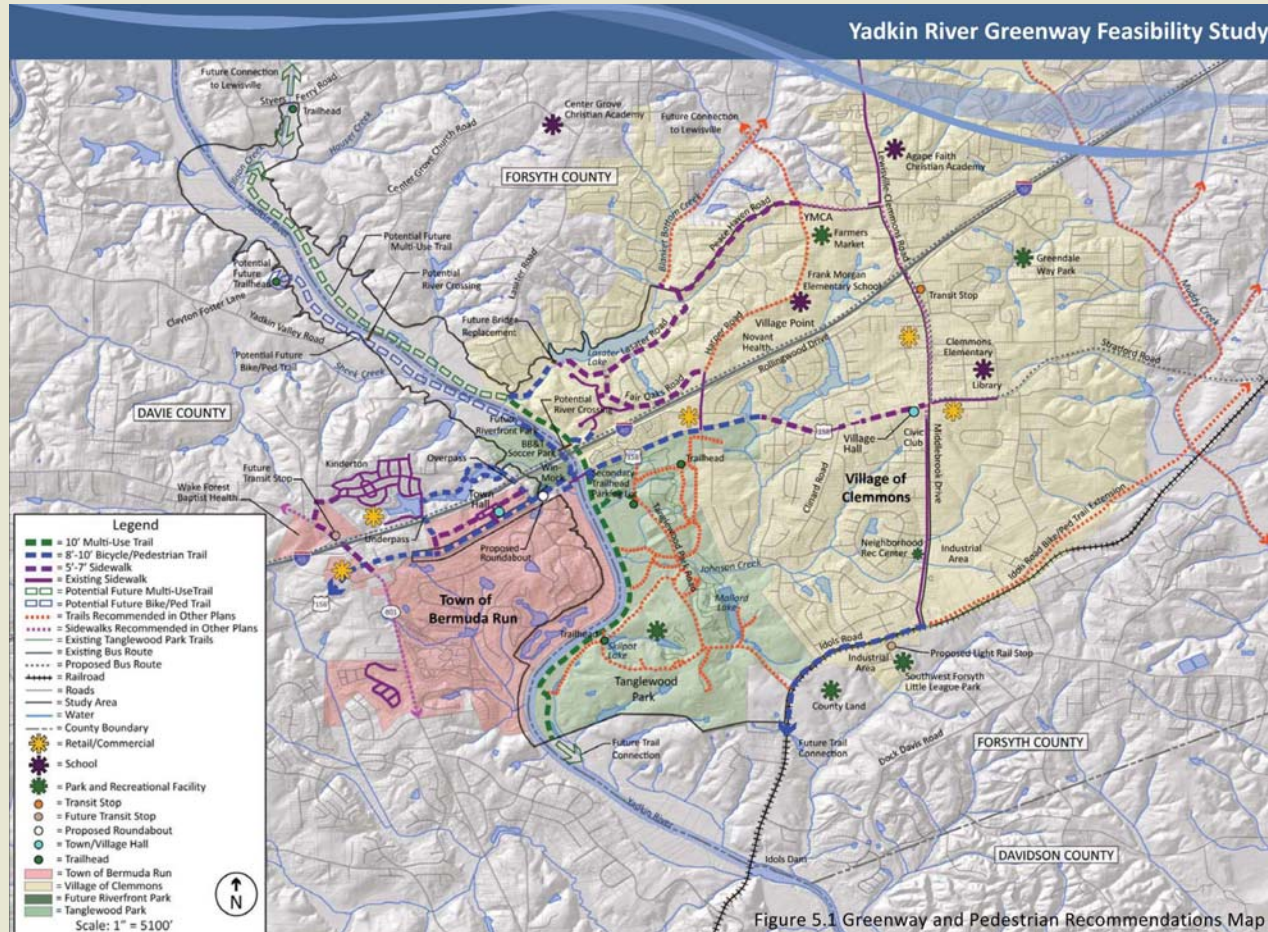


Project Name: Yadkin River Greenway Feasibility Study

Firm Name: Susan Hatchell Landscape Architect, PLLC

Project Location: Clemmons, Bermuda Run, Lewisville, NC

Analysis and Planning



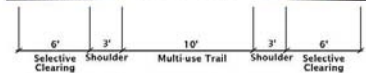
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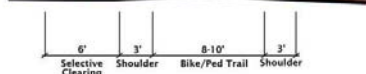
Project Location: Clemmons, Bermuda Run, Lewisville, NC

Analysis and Planning

Yadkin River Greenway Feasibility Study



10' Multi-Use Crushed Screenings Trail



8'-10' Bike/Ped Paved Trail (off-street)

trail for bicycle and pedestrians, an on-street eight to ten foot wide paved trail, and an on-street five to seven foot wide paved concrete sidewalk. In order to provide connectivity across I-40 which bisects the study area east to west, a combination of existing overpasses/bridges and underpasses will be utilized. The existing pedestrian access across the new US 158 bridge over the Yadkin River includes a five and a half foot concrete sidewalk immediately adjacent to the roadway on the south side. Narrow sidewalks also exist in both directions on the I-40 overpass on Lewisville-Clemmons Road. An existing bridge over I-40, and an underpass under I-40 will be converted to pedestrian crossings for connectivity to the first phase of the Kinderton residential areas.

10' Multi-use Crushed Screenings Trail

This type of trail is constructed using compacted crushed screenings and can be used by pedestrians, bicycles, and equestrians. The trail is ten feet wide, with three foot shoulders on each side. The center of the trail should be crowned to help drainage. Beyond the three foot shoulders, a six foot wide zone of selective vegetative clearing on each side of the trail will ensure a clear zone of vision along the trail. A 12' zone of vertical clearing is necessary for equestrian users. The advantages to using a crushed screenings trail are that the trail cost is moderate, it is a firm surface, a natural material, and can accommodate equestrian use. The disadvantages to this type of trail are that it is not as ideal for flood prone areas and will require regular maintenance to keep a consistent surface. This type of trail can rut or erode with heavy rainfall if not designed with proper drainage, and is not suitable for steep slopes.

8-10' Bike/Ped Paved Trail (off and on-street)

This type of trail is typically constructed with asphalt and is used primarily by pedestrians and bicyclists. The trail is eight to ten feet wide, depending on its location in the trail system, with three foot wide shoulders on either side. The center of the trail should be crowned to help drainage. Beyond the three foot shoulders, a six foot wide zone of selective vegetative clearing on each side of the trail will ensure a clear zone of vision along the trail. A ten foot zone of vertical clearing is necessary for user safety. The advantages of this type of trail are that the trail surface is hard and all-weather, it accommodates most users, and does not erode. The disadvantages to this type of trail are the high installation cost, and the effects of freeze and thaw. It is more durable than crushed screenings trails in flood prone areas, but not as durable as concrete which has an even higher installation cost. Flooding also negatively impacts paved trails by undermining the subgrade. A paved trail is not suitable for equestrian use. When the trail is proposed in an on-street location, a five foot or wider grass or vegetated area separating the user from the road should be included to buffer the sounds and sights of traffic where feasible. A grass swale between the walk and the road is also needed to maintain proper drainage.

Project Name: Yadkin River Greenway Feasibility Study

Firm Name: Susan Hatchell Landscape Architect, PLLC

Project Location: Clemmons, Bermuda Run, Lewisville, NC

Analysis and Planning

Yadkin River Greenway Feasibility Study



Woodland Edges



Hardwood Forests

Woodland Edges

Walking along woodland edges will allow the trail user to see a variety of native trees and shrubs and the types of wildlife that inhabit these areas. Meandering through dappled shade and spots of sunlight creates a calming and restful experience.

Environmental Educational Opportunities:

Songbirds, native understory trees/shrubs, wildlife food sources, edge habitats

Hardwood Forests

A trail through a hardwood forest offers a different experience than walking along a woodland edge. Canopy and understory trees provide more shade and a cooler climate in the summer months. Many interesting things can be seen in this type of habitat including herb layer vegetation and other woodland herbaceous species, as well as songbirds and insects.

Environmental Educational Opportunities:

Tree rings and growth, tree identification, fern life cycles, poisonous plant identification, leaf shapes and arrangements

Cultural and Historic Educational Opportunities:

Forestry Products

Riparian Edges

Humans and wildlife are naturally drawn to river or riparian edges. These environments offer a different type of user experience that includes stunning views of the Yadkin River and sunny spots to picnic and overlook the water. Many animals, amphibians, and insects populate this type of habitat, so it will be possible for trail users to happen upon them.

Environmental Educational Opportunities:

Wetland habitats, waterfowl, water quality, Pee-Dee River Basin, reptile and amphibian identification

Cultural and Historic Educational Opportunities:

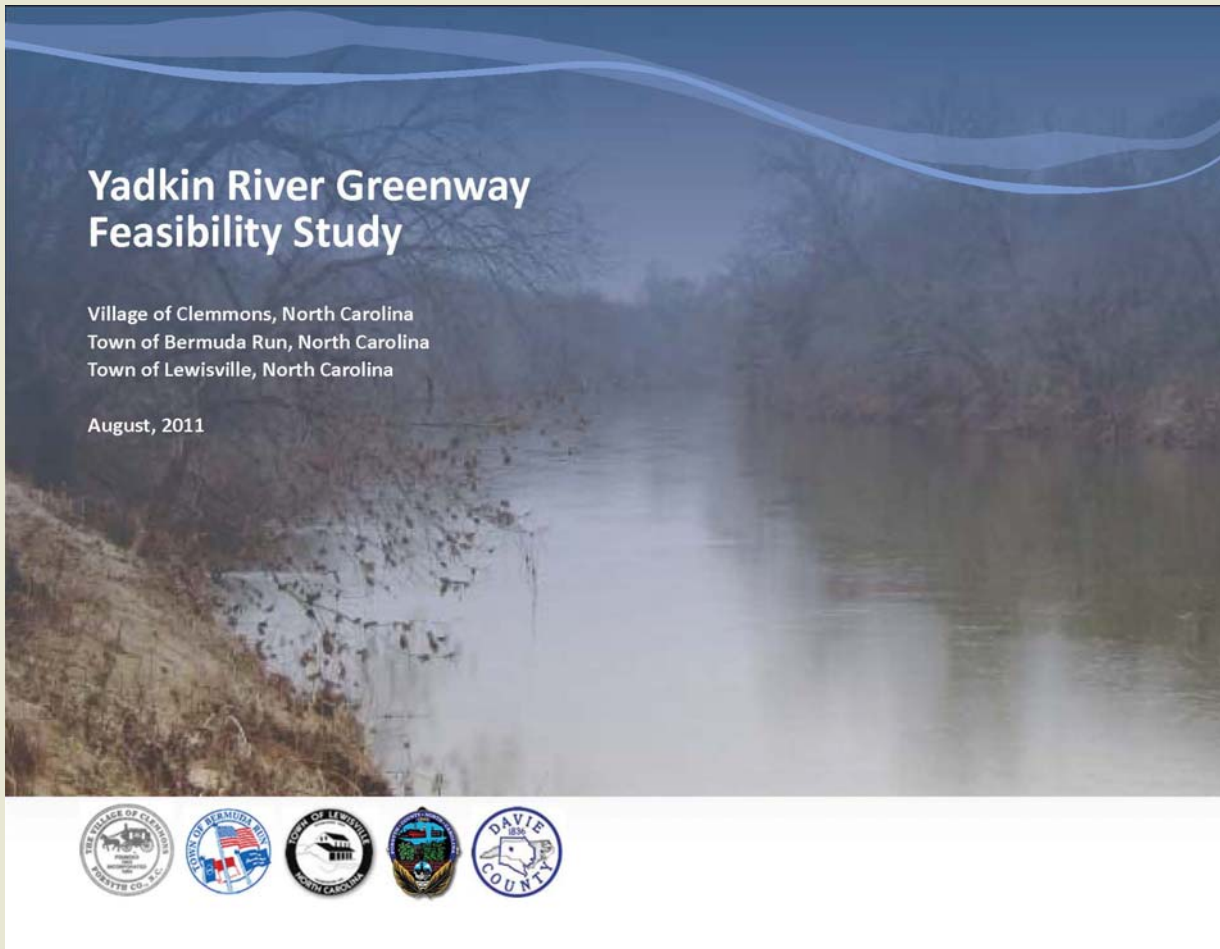
Historic ferries and bridges

Project Name: Yadkin River Greenway Feasibility Study

Firm Name: Susan Hatchell Landscape Architect, PLLC

Project Location: Clemmons, Bermuda Run, Lewisville, NC

Award of Merit



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Analysis and Planning

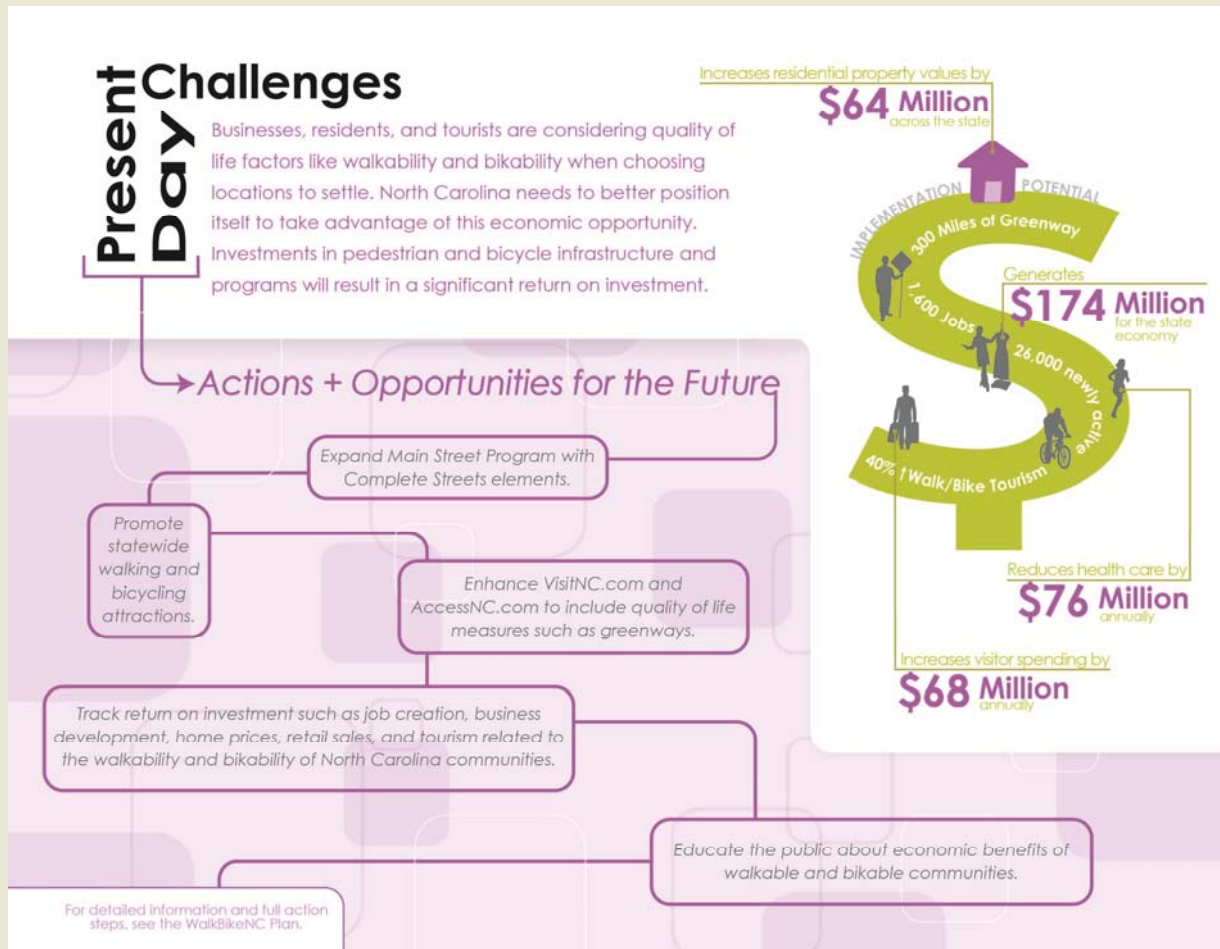


Project Name: WalkBikeNC – North Carolina Statewide Pedestrian and Bicycle Plan

Firm Name: Alta-Greenways

Project Location: State of North Carolina

Analysis and Planning

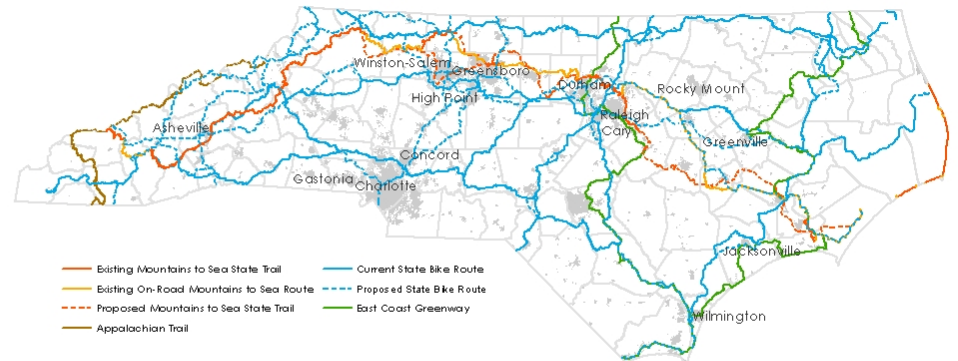


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Award of Merit

WalkBikeNC
NORTH CAROLINA STATEWIDE PEDESTRIAN AND BICYCLE PLAN

NCASLA Professional Award Submission
January 2014

Mobility
Safety
Health
Economy
Environment

The graphic features a central white box with the 'WalkBikeNC' logo in orange and blue. Below the logo is the text 'NORTH CAROLINA STATEWIDE PEDESTRIAN AND BICYCLE PLAN'. To the right of the logo are five circular images showing various scenes of walking and biking: a city street with a crosswalk, a park with people walking, two cyclists, a person walking on a path, and a cyclist on a paved path. To the right of these images are five icons representing different benefits: Mobility (blue), Safety (red), Health (orange), Economy (purple), and Environment (green).

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RESIDENTIAL DESIGN



AMERICAN SOCIETY OF
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North Carolina Chapter

Residential Design



LEGEND

1. Entry court
2. Boardwalk
3. Stone staircase
4. Cascading water feature
5. Overlook deck with fireplace
6. Stone patio
7. Lawn terrace
8. Raised garden bed
9. Main deck
10. Berry patch
11. Native grasses



Illustrative Plan

Project Name: Town Mountain Residence

Firm Name: Vision Design Collaborative

Project Location: Town Mountain Asheville, North Carolina

Residential Design



Before

After

New upper pond with woodland and aquatic plantings

Project Name: Town Mountain Residence

Firm Name: Vision Design Collaborative

Project Location: Town Mountain Asheville, North Carolina

Residential Design



Project Name: Town Mountain Residence

Firm Name: Vision Design Collaborative

Project Location: Town Mountain Asheville, North Carolina

Residential Design



Before



After

Edge detail with mexican pebble drainage band



Before



After

Monolithic stone steps with large boulders and native landscape



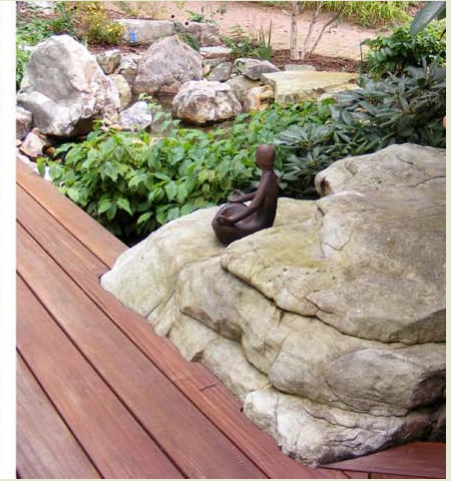
After

Project Name: Town Mountain Residence

Firm Name: Vision Design Collaborative

Project Location: Town Mountain Asheville, North Carolina

Award of Merit

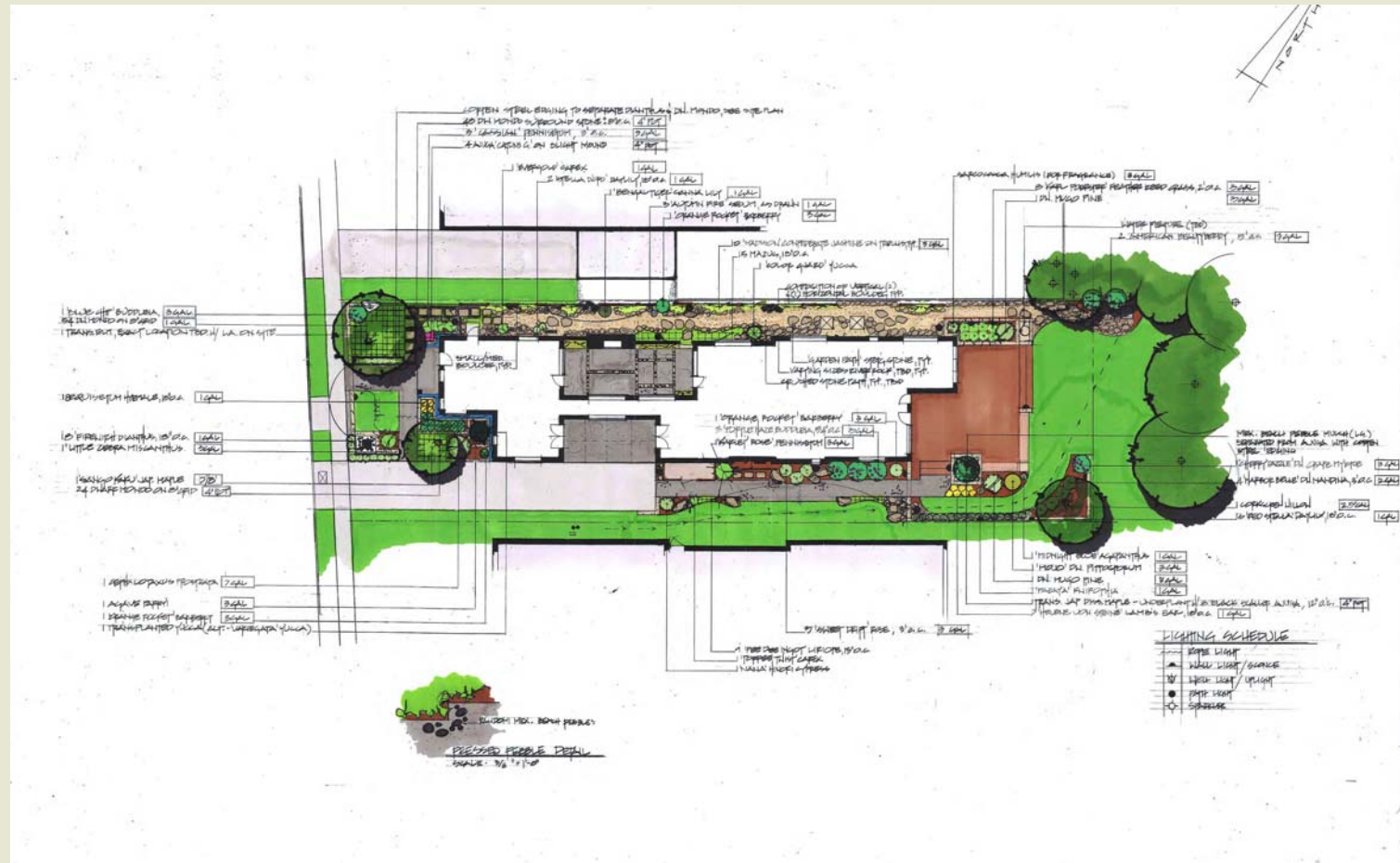


Project Name: Town Mountain Residence

Firm Name: Vision Design Collaborative

Project Location: Town Mountain Asheville, North Carolina

Residential Design

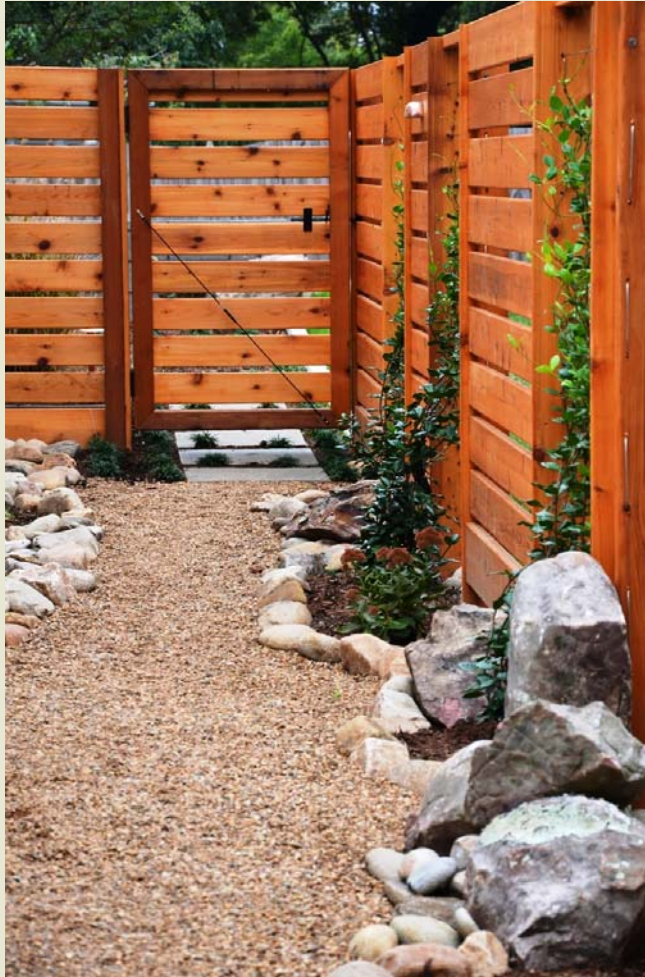


Project Name: Contemporary Garden

Firm Name: Solow Design Group

Project Location: Charlotte, North Carolina

Residential Design



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Firm Name: Solow Design Group

Project Location: Charlotte, North Carolina

Residential Design



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Residential Design



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Award of Merit



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Firm Name: Solow Design Group

Project Location: Charlotte, North Carolina



STUDENT BUILT DESIGN



AMERICAN SOCIETY OF
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North Carolina Chapter

Student Built Design



Project Name: Heat Ventilation Garden at Polk Hall

Firm Name: College of Agriculture – Landscape Design

Julieta Sherk, Professor

Project Location: NCSU, Raleigh, NC

Student Built Design



Project Name: Heat Ventilation Garden at Polk Hall

Firm Name: College of Agriculture – Landscape Design

Julieta Sherk, Professor

Project Location: NCSU, Raleigh, NC

Student Built Design



Project Name: Heat Ventilation Garden at Polk Hall

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Julieta Sherk, Professor

Project Location: NCSU, Raleigh, NC

Award of Merit



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Firm Name: College of Agriculture – Landscape Design

Julieta Sherk, Professor

Project Location: NCSU, Raleigh, NC