Project Title: Texas A&M Garden & Greenway Comprehensive Master Plan  
Team Members: Yuxi Cheng and Qingshu Wang

Project Title: Marc and Jennifer Carroll Lake Reserve  
Team Member: Lu Zhou, Lingyan Miao, Cong Bian

Project Title: Urban Waterfront Park Design for Jing Yang Lake  
Student: Yangye Cao

Project Title: Master Plan for the Redevelopment of A Former Industrial Area in the Inner City of Bonn, Germany  
Student: Xiaoxiao Cheng

Project Title: Midtown Waterfront Master Plan and Design in Manhattan  
Student: Qian Wan

Project Title: Utilization as a Process: Regenerative Design Strategies for Mid-Town Fort Worth, TX  
Student: Jeffrey David Slater

Project Title: A Green Infrastructure Master Plan for Campus Pointe, a 155-acre Texas A&M System property as part of EPA’s Campus RainWorks Challenge  
Student: Matthew McCreary
Design Elements
Restaurant
Basin
Waterfront Stage
Stairway
Outdoor Eating Area
Outdoor Sitting
Ornamental Planting

MLA Student: Qian Wan
Art District:
The art district comprises of mixed-use living, park systems, access to the new canal system, and a Farm Patch style shopping area with locally grown produce. The goal is to allow more pedestrian movement through the site, and multiple activity nodes.
Master Plan Birds Eye:

Understanding the relationship between the existing city and the new development. The new development allows for a greater mix of land uses and encourages living closer to the city center.
“Within a given landscape, people preferred locations are found at interfaces between prospect-dominant and refuge-dominant areas.” (Appleton, 1975)
Bunkhouse/Club House

Perspectives

View from North

View from Southeast

MLA Student: Lingyan Miao
Residential Area Detail Plan

Legend:
1. Vehicle Entrance
2. Drop-off Entrance
3. Guest Parking (2 Parking Lots)
4. Swimming Pool
5. Picnic Area
6. Outdoor Seating Area
7. Guest Parking (2 Parking Lots)
8. Pasture
9. House (Floor - 5,000 sq.ft)

Scale: 1"=32'
Concept Plan

MLA Students:
Xuemei Li
Wenjie Zhao
Central Axis/East-West Section

MLA Students:
Xuemei Li
Wenjie Zhao
MLA Students:
Xuemei Li
Wenjie Zhao
Perspective 6 — Garden Entrance

MLA Students:
Xuemei Li
Wenjie Zhao
Horticulture Garden

MLA Students:
Xuemei Li
Wenjie Zhao
MLA Students:
Yuxi Cheng
Qingshu Wang
BOULEVARD GARDEN SECTIONS

Section A-A'—Agrilife Center Entrance Plaza

Section B-B'—Lawn Seating Area

MLA Students: Yuxi Cheng Qingshu Wang
Boulevard Garden: Boulevard garden is a landscape transformation for the front area of AgriLife complex building. The garden includes entrance to two major buildings and entrance to A&M gardens. This area aims to showcase garden elements, attract passing visitors, and create a destination on campus.
DEMONSTRATION GARDENS SITE PLAN

Legend:

Service Area
1. Storage
2. Parking Lot
3. Green House
4. Parking Garage

Aggie Farm
5. Experiment Fields
6. Orchard

Sustainable Garden
7. Green Roof/Green Wall/Toxic Plants Zone
8. Wildlife Habitat Plants Zone
9. Detention Pond & Bioswale

Activity Lawn
10. Observation Deck

Demonstration Garden
11. Shrub Garden
12. Seasonal Garden
13. Garden for Outdoor Living

Vegetable/Herb Garden
14. Rotation Vegetable/Herb Garden
15. Picnic Area along Stream

Education Complex
16. Large Classroom & Garden
17. Gazebo for Outdoor Class
18. Education/Introduction Garden

Large Tree

Medium/Small Tree

SCALE: 1"=50'

MLA Students:
Yuxi Cheng
Qingshu Wang
The park provides road hierarchy for different transportation purposes.

1. The major path combines bicycle lane and walkway which offers two biking loops.

2. The pedestrian path and minor path limit bike and vehicle access that provide safety for pedestrian.
Green Infrastructure Master Plan

MLA Student: Matt McCreary
Current Conditions and Campus Pointe Master Plan

**CURRENT CONDITIONS (NTS)**

Description:
The current condition has a large amount of vegetation and pervious material (127 out of 155 acres). The vegetation provides ecosystem services such as filtration and evapotranspiration. Section 1 illustrates the concept. Storm water should infiltrate a large portion of the site.

**CAMPUS POINTE MASTER PLAN (NTS)**

Description:
The Campus Pointe Master Plan would eliminate a large portion of the existing vegetation and offers little buffer from the surrounding corridors. It is difficult to determine the comfort level of this type of development as the building types/users are unknown, however replacing vegetation with concrete will increase storm water runoff, and temperature compared to the current condition.

MLA Student:
Matt McCreary
Description:
To show the difference between the current condition and the proposed Crowe Infrastructure Master Plan, a panorama was created atop the Emerging Technologies Building. The vegetation change is apparent while viewing each image.
CIRCULATION ANALYSIS

Driveway system

Pedestrian and bike way system

MLA Student: Xiaoxiao Cheng
MLA Student: Xiaoxiao Cheng