Commercial Pedestrian Street
For Retirement Community in College Station, TX

Xin Shu, MLA 2016

Committee:
Chair: Dr. Changshan Huang
Department of Landscape Architecture and Urban Planning
Member: Prof. Geoffrey Booth
Department of Landscape Architecture and Urban Planning
Member: Prof. George Mann
Department of Architecture

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Commercial Pedestrian Street

Master Plan

- Spanish Style
- A Part of Greenway System
- Culture Exchange Happening Here
- Crowed People, Delux Brands, Oriental Food

Legend:
- Fountain Place
- Central Water Garden
- Fountain Way
- Mosaic Square
- Gathering Place
- Sun Plaza
- Drop Off Spot
- Parking Lot
Sun Plaza Bird's View
Mosaic Square in Sunset

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Fountain Place
CCRC THERAPEUTIC PARK PUBLIC SPACE - Open Lawn

Xi Zhan, MLA 2016
CCRC THERAPEUTIC PARK PUBLIC SPACE - Amphitheater
CCRC THERAPEUTIC PARK
SEMI-PUBLIC SPACE – Wellness Garden
Resilience and Climate Change Cooperative Project: Low Impact Design for Manchester, Houston, Texas

Yangdi Wang, MLA

Committee:
Chair: Dr. Galen Newman
Department of Landscape Architecture and Urban Planning

Member: Dr. Changshan Huang
Department of Landscape Architecture and Urban Planning

Member: Dr. Jun-Hyun Kim
Department of Landscape Architecture and Urban Planning

1 Light Rail Station
2 Shopping Mall
3 Shopping Mall
4 Church
5 Care Center
6 Library
7 Community Center
8 Restaurant
9 Senior Center
10 Senior Center
11 Senior Center
12 Senior Center
13 Senior Center
14 Senior Center
15 Magnolia Park
16 Dog Park
17 Library
18 Basketball Court
19 Event Plaza
20 Community Center
21 Detention Pond
22 Rain Garden
23 Book Store
24 Restaurant
25 Food Distribution Center
26 Existing Railroad
27 Waterfront Park

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2 Project Introduction – Social & Physical Vulnerability

Poor Economic Condition

Low Mental and Physical Health

Flooding Hazard

Income

Low Education

Poverty

Unemployment

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3 Site Inventory

> 0.5 mile
to the existing public transportation center

0
existing park programs in the site

48%
of the site is out of the walking distance (0.5 mile) of the existing bike trail

37%
of the road in the site has sidewalk

2%
Existing Green Space

16%
Underutilized Parcel

< 20%
Existing Canopy

64%
Impervious Surface
4 Flood Intervention: Regulating Stormwater Flow Paths
4 Flood Intervention: Regulating Stormwater Ponding
5 Design Schematic – Market Opportunities (Phase I)
5 Design Schematic – Floodable Riparian Park Space (Phase III)
Boundary Delineation for Sustainable Community Model

Selecting Walkable Community Boundaries

Foundation of an evidence-based sustainable community model

Pedestrian-oriented Design

Defined by
0.6 mi. linear distance
10 minute walking time

Priority on Walkability

Fascilitation of Intra-community Connectivity

Promotes
Physical Health
Social Interaction
Alternative Transportation

Comprehensive Community Wellbeing

Nicholas Wester, MLA 2016
Conceptual Vision of Proposed Community Plan

Nicholas Wester, MLA 2016
Perspective - David E. Schob Nature Preserve
Master Plan - Evidence-based Sustainable Community Model
A CENTRALIZED MUNICIPAL CAMPUS CONSOLIDATION OF CITY SERVICES & RELOCATION OF CITY HALL

PHILLIP ROBERTS, MLA

COMMITTEE:
CHAIR: DR. ERIC BARDENHAGEN
DEPARTMENT OF LANDSCAPE ARCHITECTURE AND URBAN PLANNING
MEMBER: PROF. BRUCE DVORAK
DEPARTMENT OF LANDSCAPE ARCHITECTURE AND URBAN PLANNING
MEMBER: DR. ARTHUR SCHUAB
DEPARTMENT OF SOIL SCIENCES

Phillip Roberts, MLA 2016