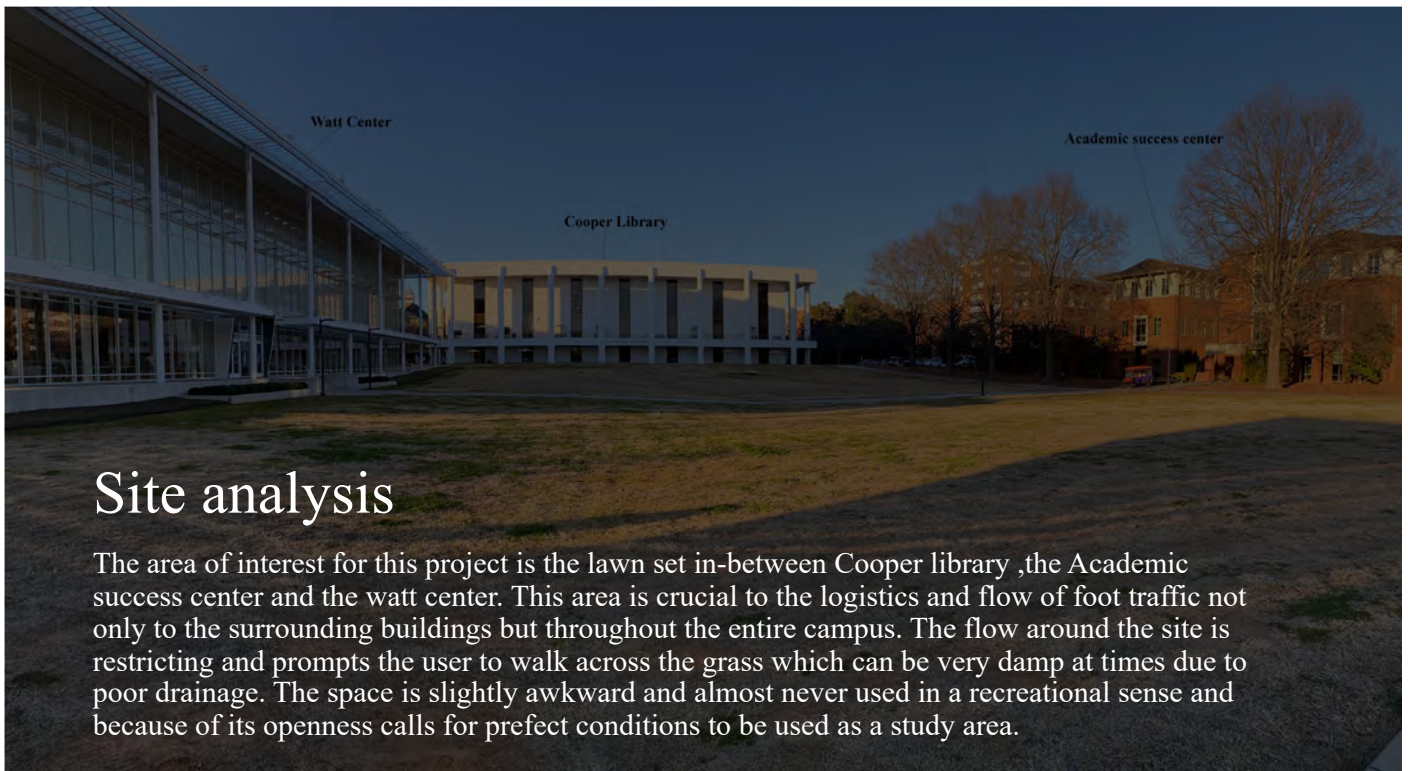
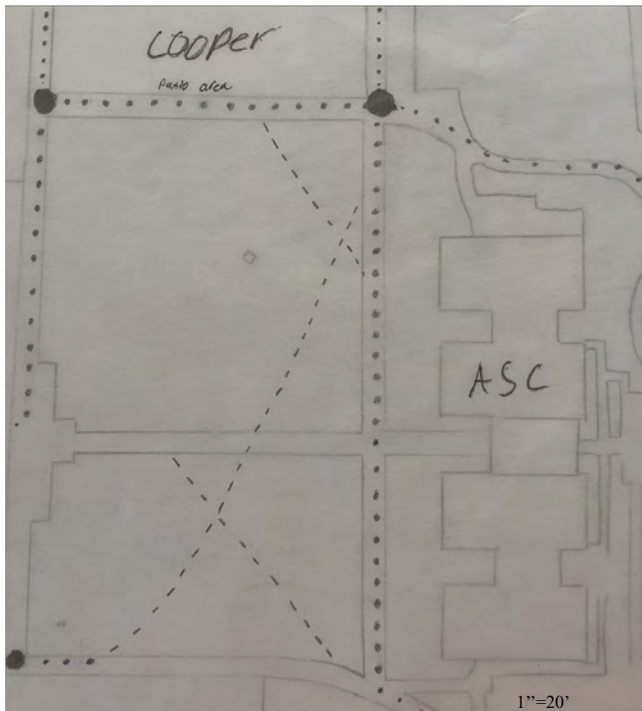


# Clemson University

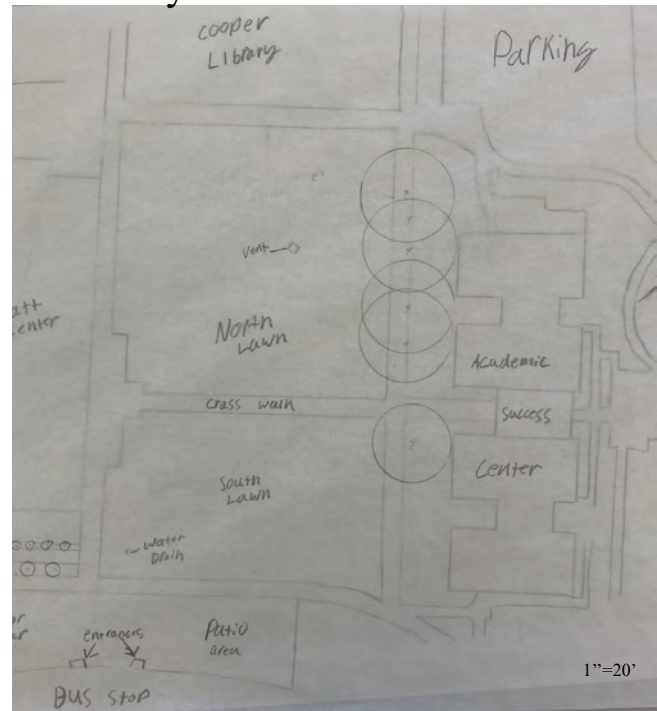
## Threshold Development



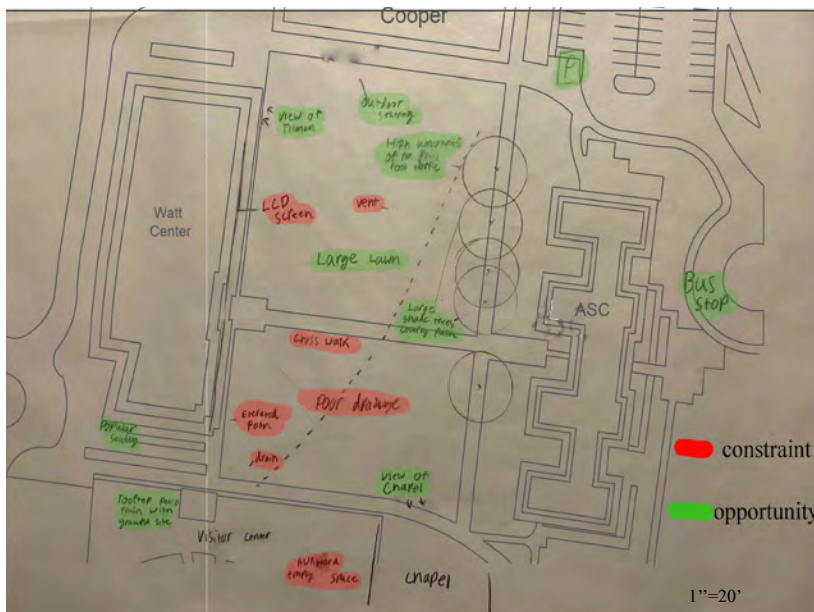
## Pedestrian flow



## Inventory



## Opportunities and Constraints



Site analysis indicates that use of the area is largely foot traffic and a very small percentage linger in the green space, however the areas in the immediate area that have small outdoor seating is very popular. It also indicates the overall location of the sight is not relatable to the nearby bowman field in the aspect of recreational use but could become conducive with some development of the study areas and microclimate.

# Development strategies



## Goals for development

- Create continuity and flow of paved surfaces
- Combat creation of cow paths
- Create shaded leisure areas compatible to study spots
- Utilize shade or paths to invite use of green space
- Maintain open space as unofficial thresholds

Our desire is to create a space that the university is proud to showcase and is deserving to be placed within some of the finest buildings on campus. we want to amplify the buildings with our design by creating a transitional area that positively impacts those extracting with the buildings.

## Mill River Park & Greenway

Stamford, CT

Mill river park is a restoration piece created by damming and constraining water flow as well as planting over 400 trees throughout the site. Mill Rivers usage of trees scattered throughout while also using a continuity of trees beside the walk paths created a seamless transitional space throughout the property.

The good sense of flow throughout the property with the inclusion of leisure spaces is a picture of what I would see for our site.



### Master Planning

Ceylan Belek, ASLA  
Anne Dutton  
David Elliott  
Jesse Forrester  
Mauricio Gomez, Associate ASLA  
Lori Johnson  
Mouzayan al Kalil  
Danilo Martic

# Novart's Headquarters

## Basel, Switerland

Novart's Headquarters has a small courtyard area with uniformly placed trees to create a transitional place between buildings. This space takes advantage of an Lcd screen much like the one on the watt center, Novarts usage of thin foiloged leaves to leave viewports of this screen sets a precedent for potential tree placement in front of watt.

The lawn in front of cooper and watt resemble a large courtyard area much like this one. This thought process towards our site can encourage the use of the whole space



**Lead Designer**  
PWP Landscape  
Architecture  
Peter Walker, FASLA  
David Walker, ASLA  
Paul Sieron  
Conny Roppel  
Matthias Wehrle  
Kendra Taylor

# Taopa Central Park

## Shanghai, China

Taopa Central Park is a large park with a very diverse landscape consisting of water and man-made knolls. Each small island has a different feel and uses different materials on each one. The transitional space for each of these is imperative due to the stark contrast from one to another, the designers used bridges to frame up a view of what was to come and gave a moment for the brain to analyze its future surrounding's.

We can take this idea of framing and although bridges may not be practical for the site the framing aspect can be exacuted through vegetation and buildings.



James corner field  
operations

# Conceptual idea 1

Design 1 takes the north lawn and diagonally cuts two paths through it creating flow from these otherwise cut off from each other areas and in doing so creates four small lawns with clumps of trees strewn through out to encourage loose use outside of the paths.

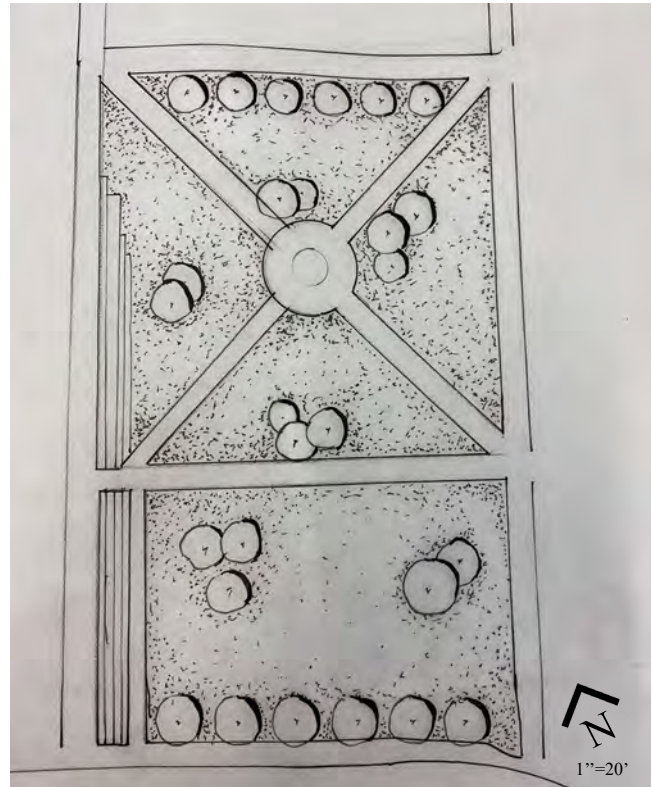
This design leaves the southern lawn open to be used as an unofficial threshold in which the user can conform the area into the space they desire. On the west piece of concept 1 up against lee we have sitting stairs for lounging and studying

## Biggest Pro;

- scattered trees invite use throughout site

## Biggest con;

- Lacks conformity to the flow of foot traffic



# Conceptual idea 2

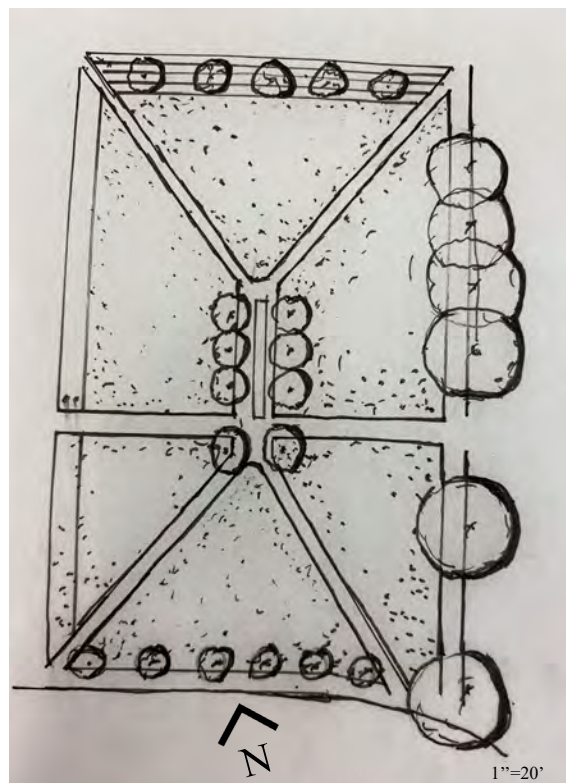
Conceptual idea 3 is a symmetrical approach to fixing the circulation issues throughout the site by connecting the farthest corners together. In doing this we encourage traffic flow through our site in a productive way while keeping users within the paved areas. Within this sight we create a rectangular courtyard area with an elongated water feature and adequate shade to pull people in and create a microclimate conducive to a good studying environment

## Biggest pro

- Symetrical and pleasing to the eye while adresssing the flow concerns

## Biggest Con

- Potentially to symmetrical and crates congestion issues



# Conceptual idea 3

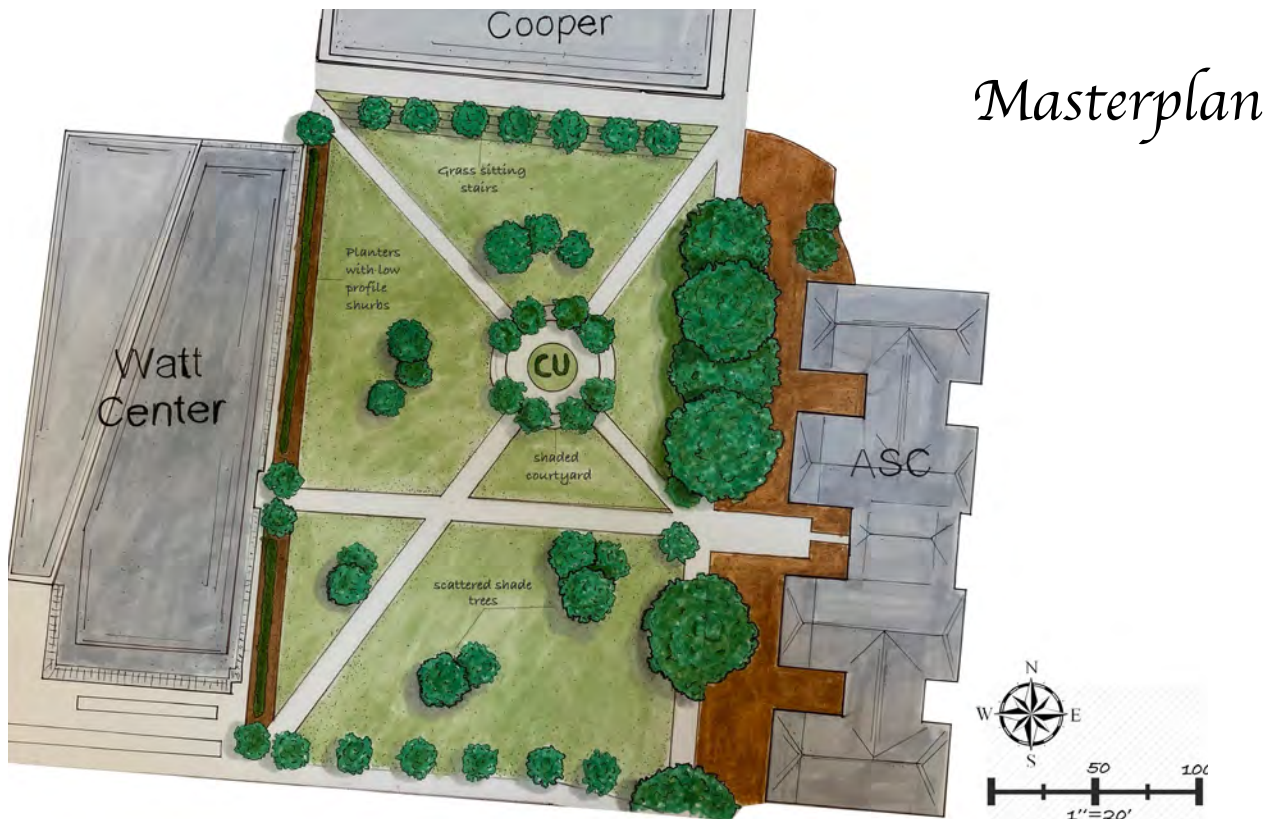
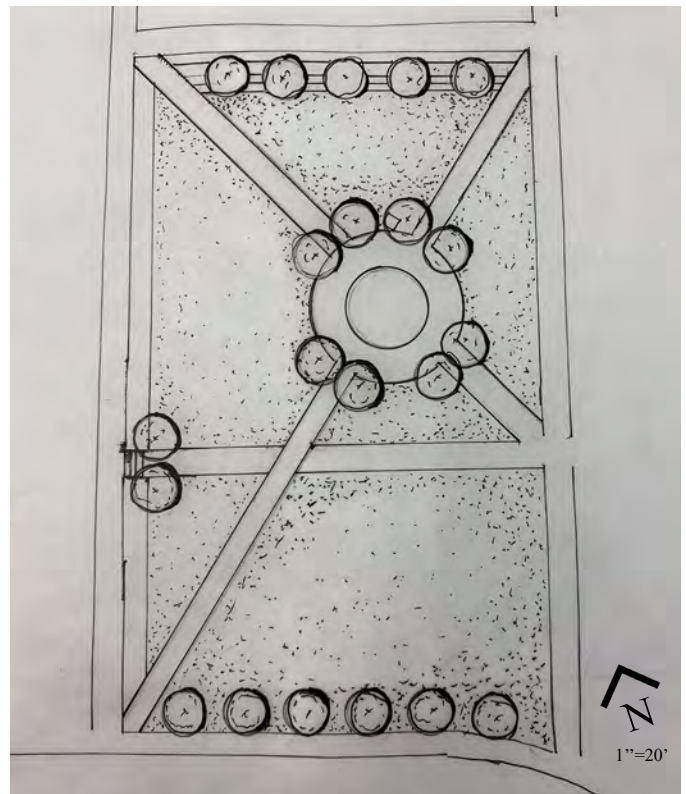
Conceptual Idea 2 is an off centered courtyard styled flow pattern that aggressively attacks the sites current issue with circulation with long strait paths. In doing so we create an excellent leisure area that will encourage users to linger and enjoy the site for longer.

## Biggest pro

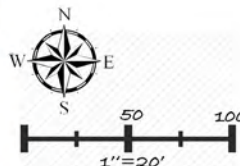
- Well Executed flow through out property while still encouraging lounging

## Biggest Con

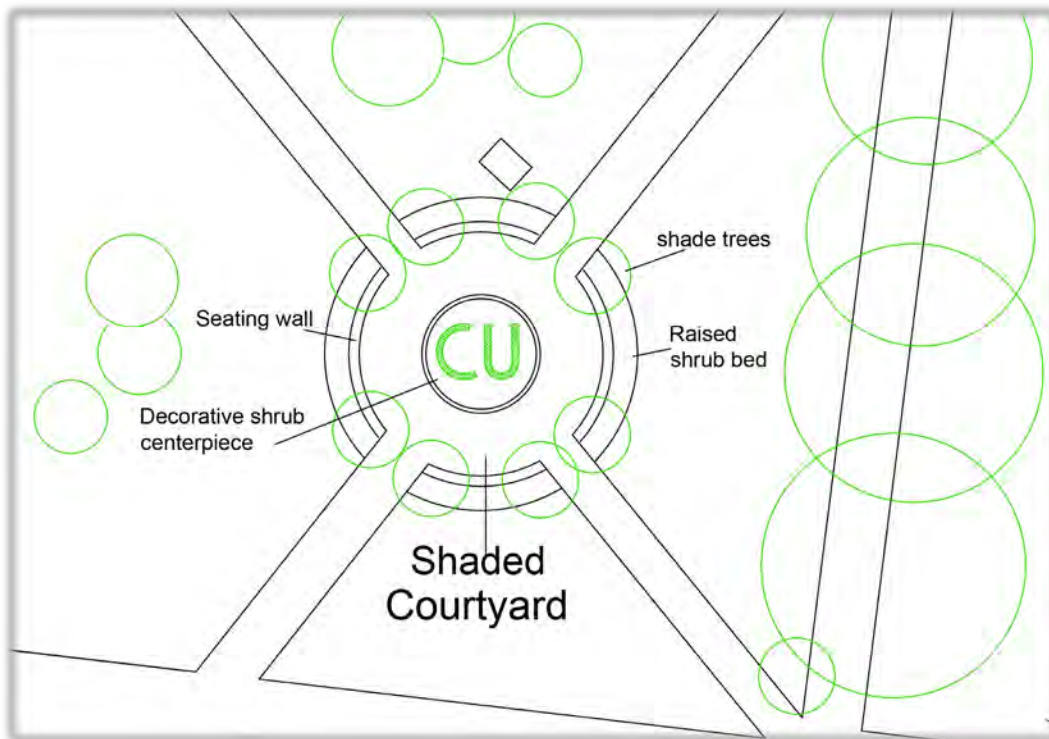
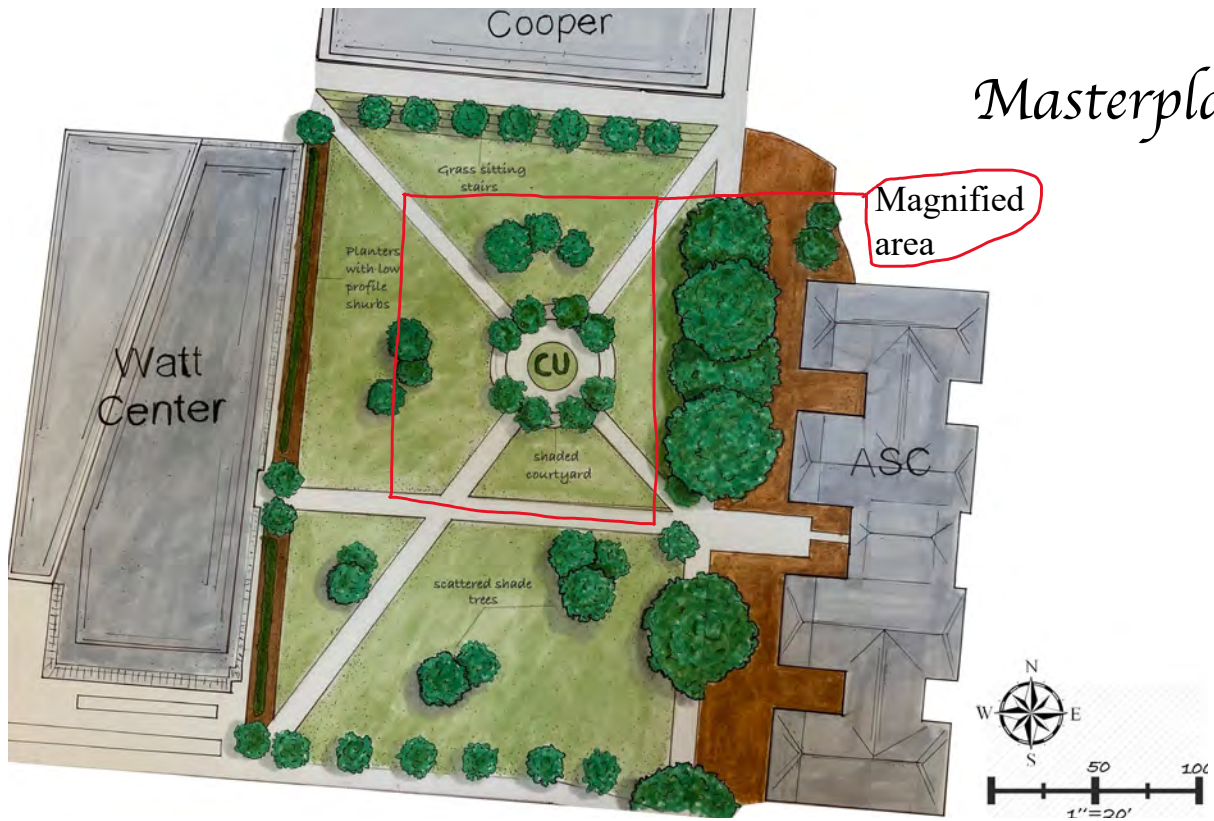
- The off center feel of this design may be off-putting to some who prefer symmetry



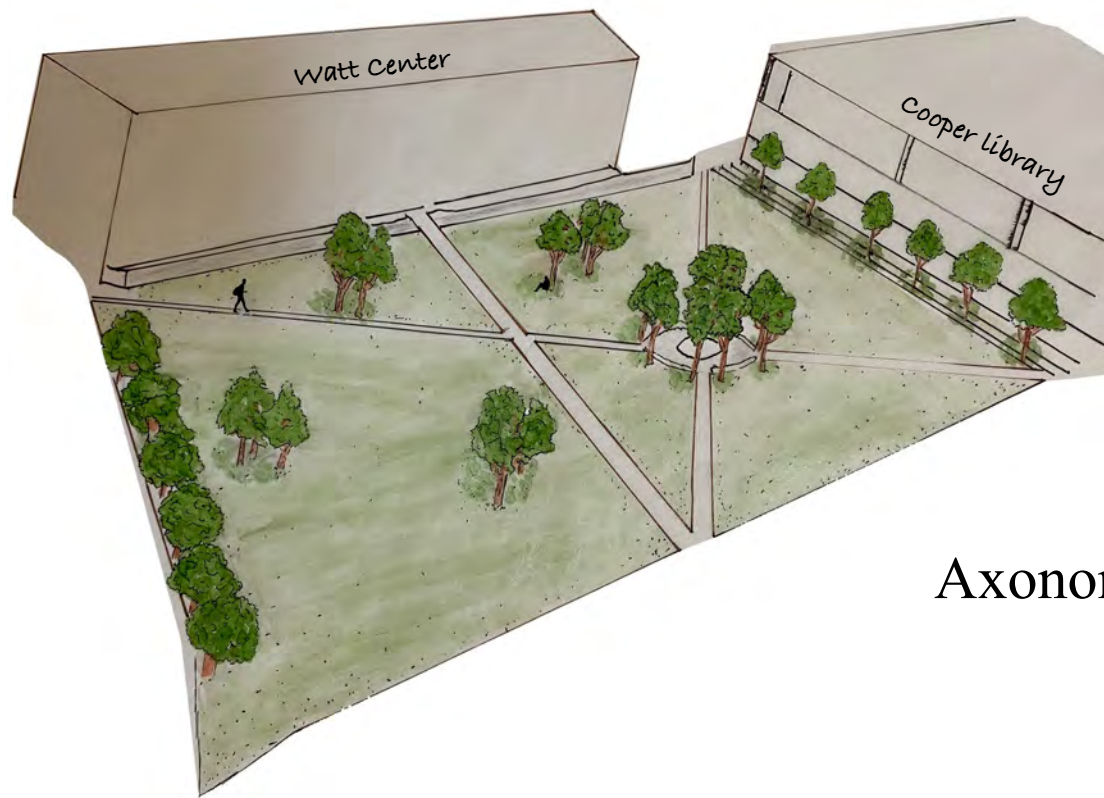
## Masterplan



# Masterplan

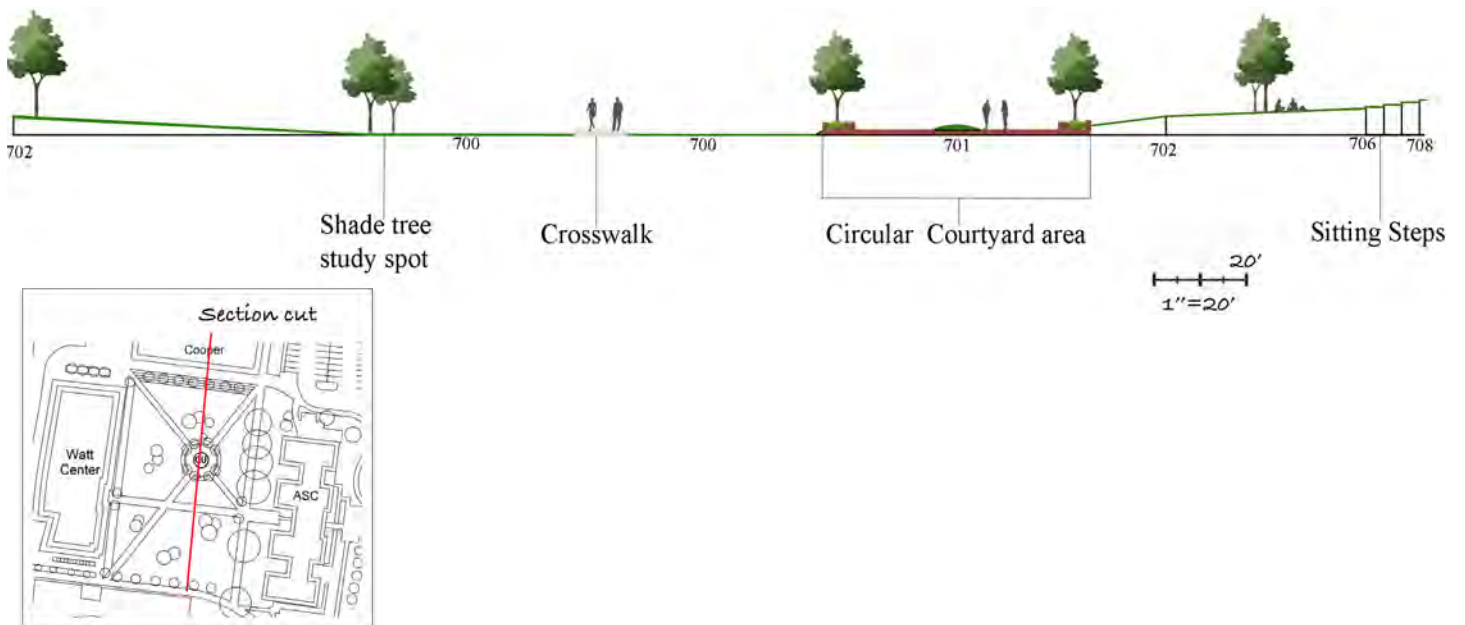


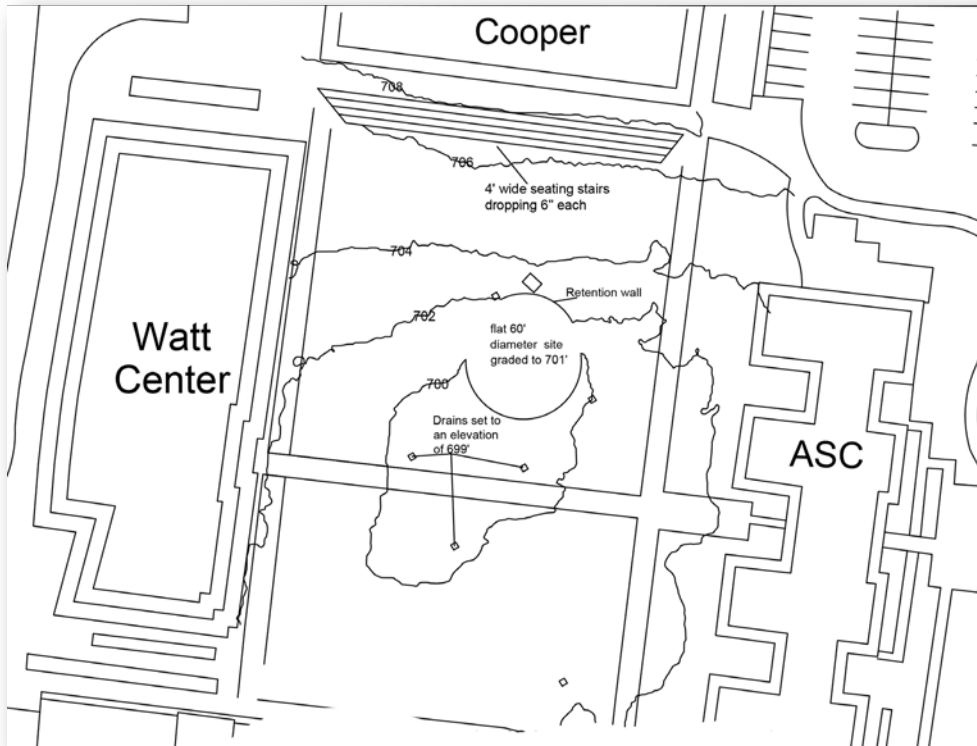
Area designed to be conducive to traffic circulation while encouraging social interaction and leisure.



Axonometric

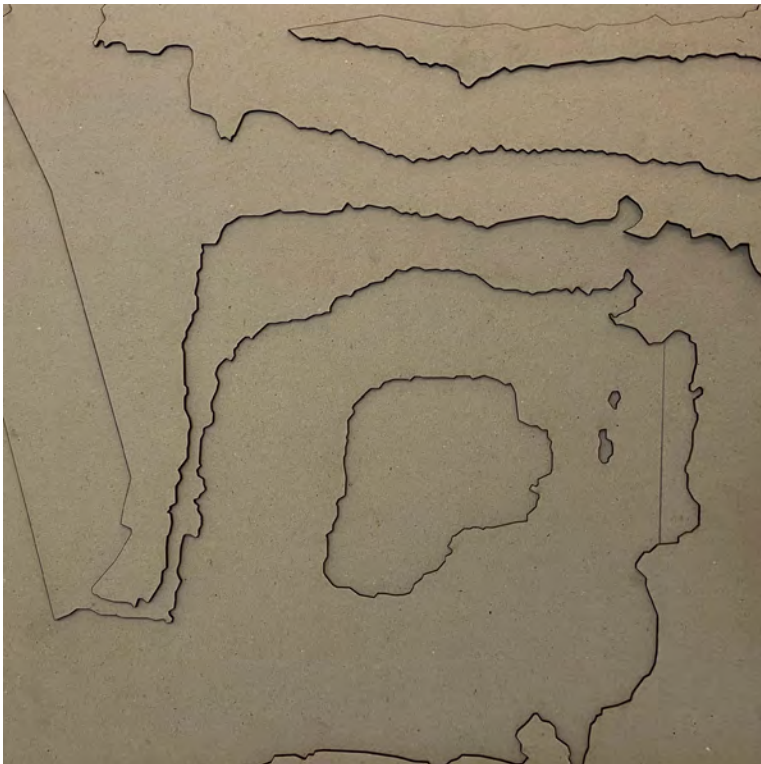
Section Elevation





## Hydrology & topography

The goal for this design is to take advantage of the topography and use it to articulate the structure of the design. However, we will still need to fine grade the area and take advantage of retaining walls to execute a functioning site. Minute grading is needed to level our courtyard and surrounding green along with small swales to quickly discard of surface water into our multiple low-profile drains to ensure an enjoyable green space.



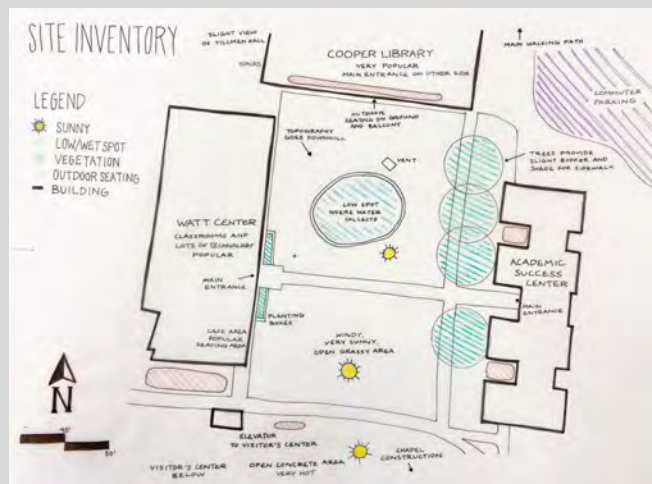
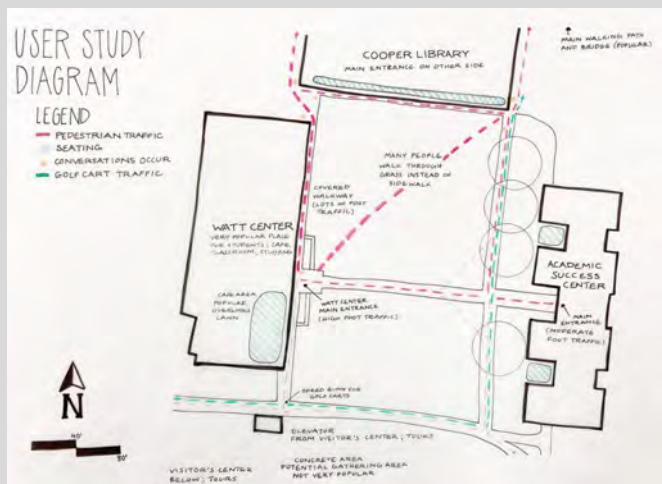
## 3D model of the sites current topography

# Thresholds

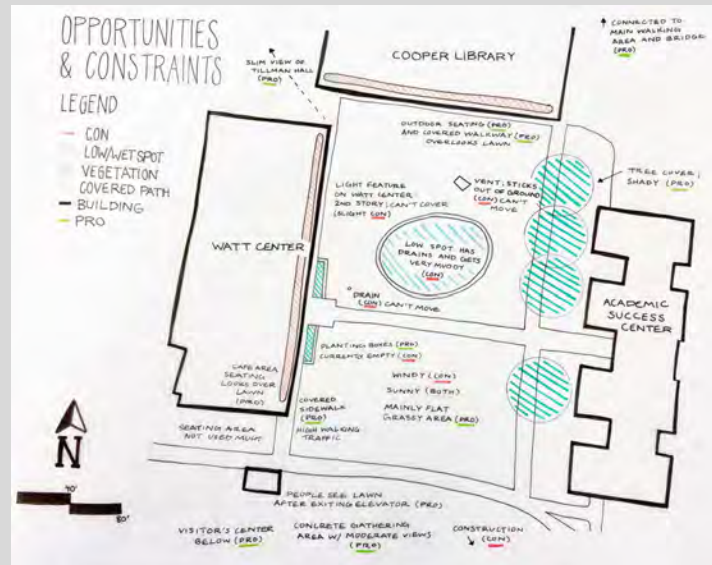
Professors Browning & Pearson  
Morgan Sisk

The main goal of this project was to design a space that connects surrounding area while meeting the needs of the people and their environment.

## Site Analysis



# Site Analysis



# Precedent



Brochstein Pavilion at Rice University  
Houston, Texas | The Office of James  
Burnett | 2010

\*Shaded seating area, planters



Novartis Headquarters  
Basel, Switzerland | PWP Landscape  
Architecture | 2013

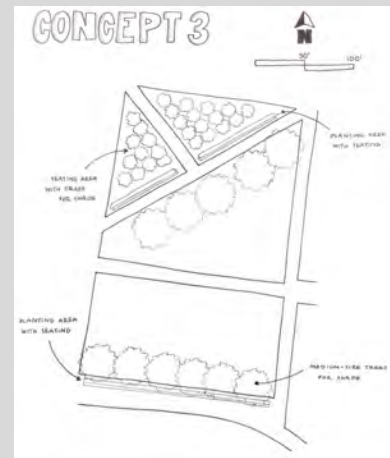
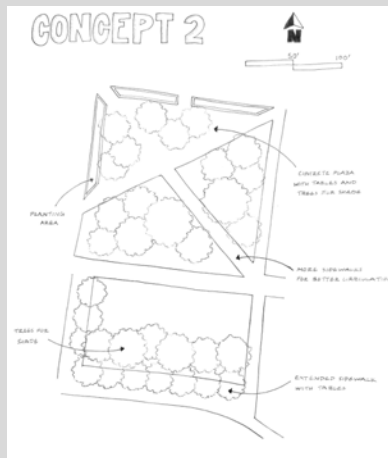
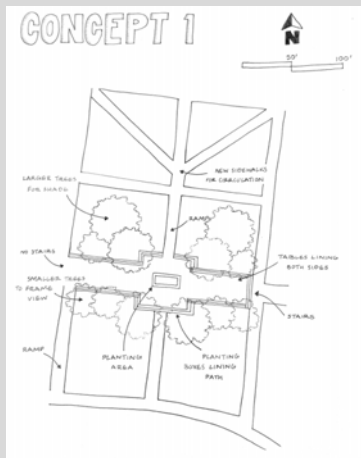
\*plaza, options for seating, shady seating

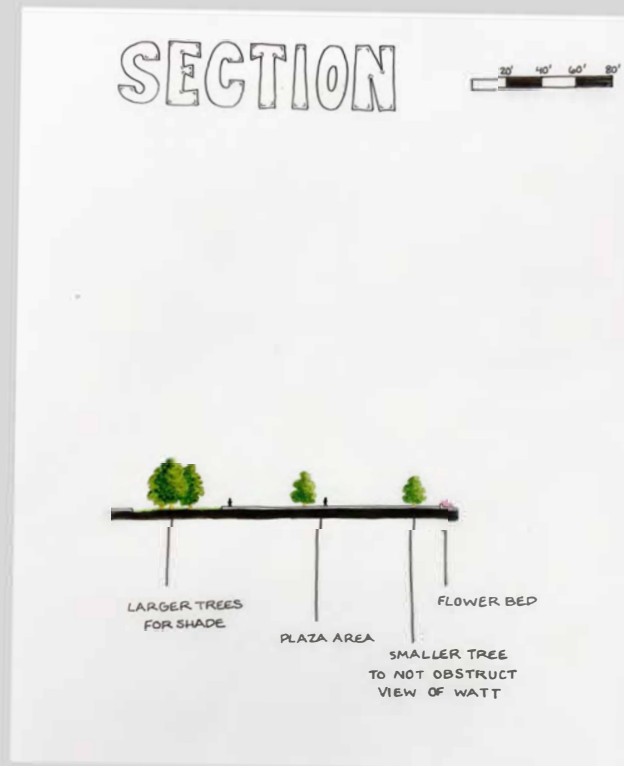


Salem State University - Marsh Hall  
Salem, Massachusetts | Wagner Hodgson  
Landscape Architecture | 2014

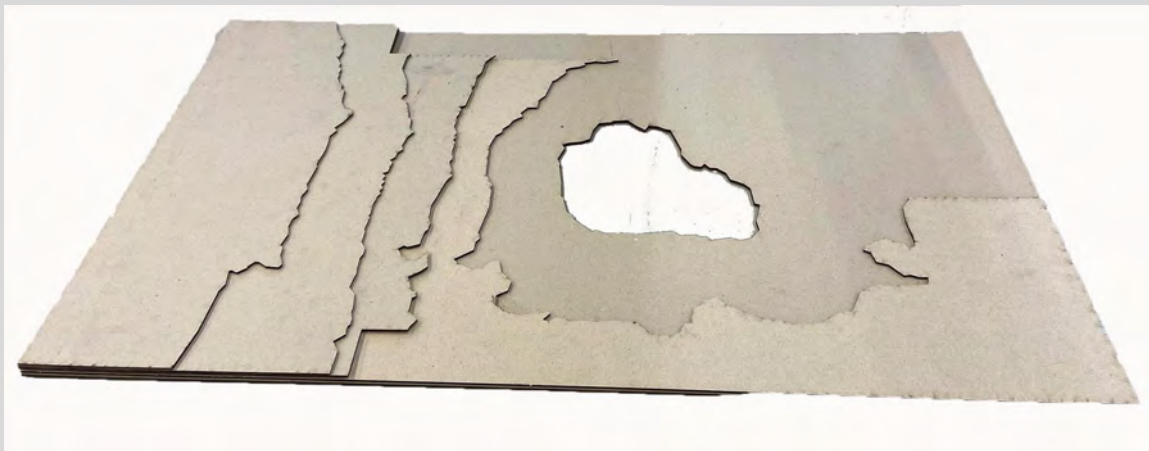
\*stairs and ramps to lawn, open feeling

# Initial Concepts



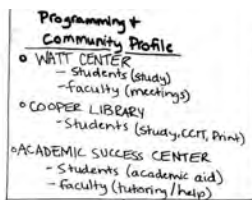


# Model

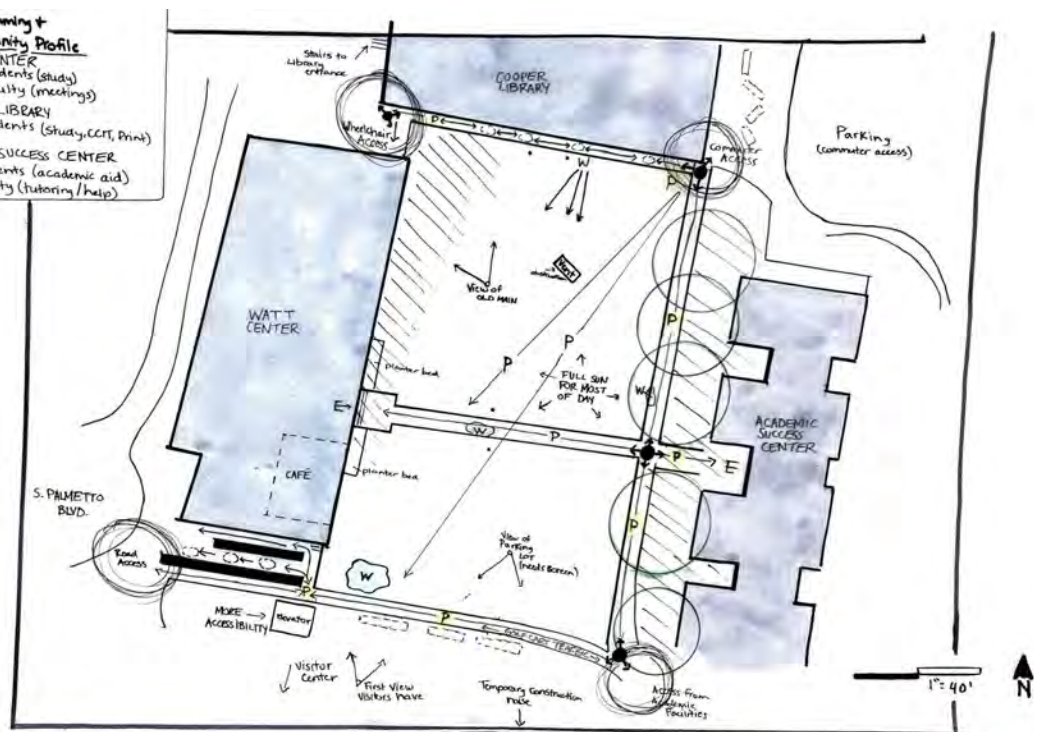


# Thresholds

Basic Design II  
Rachel Snider

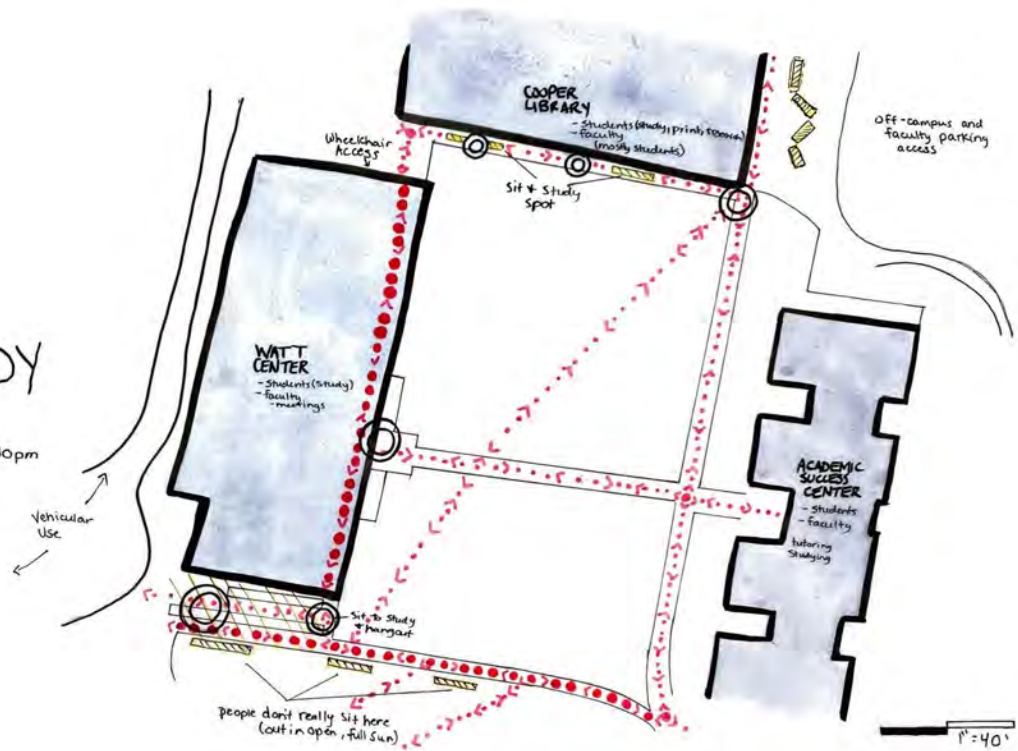


SITE  
INVENTORY



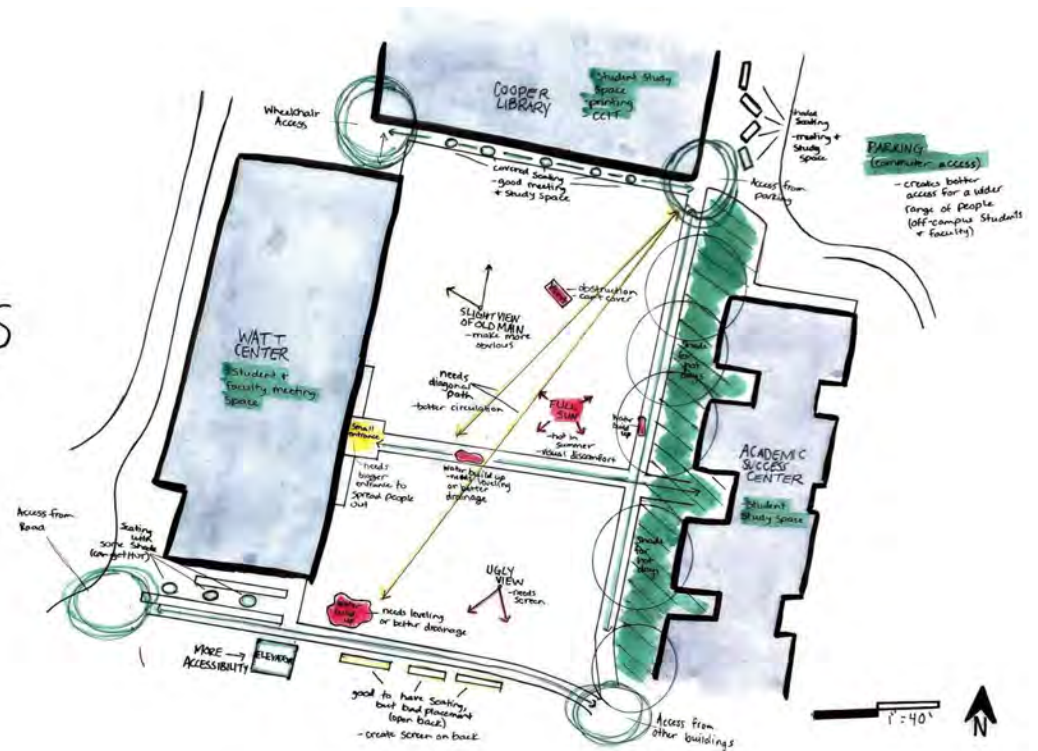
# USER STUDY DIAGRAM 3:30-4:30pm

| LEGEND |                          |
|--------|--------------------------|
|        | - CONVERSATION SPOTS     |
|        | - AREAS TO SIT           |
|        | - PEDESTRIAN CIRCULATION |



# OPPORTUNITIES & CONSTRAINTS

| LEGEND |                 |
|--------|-----------------|
|        | - pro (good)    |
|        | - has potential |
|        | - con (bad)     |



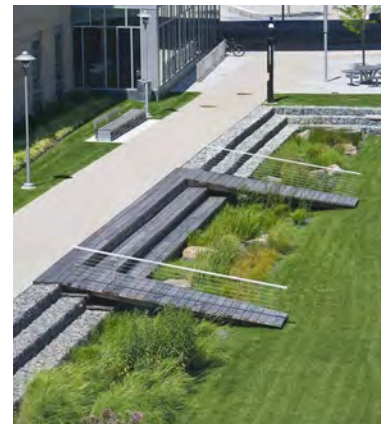
# Salem State University - Marsh Hall

2014 **HONOR AWARD**

Salem, Massachusetts | **WagnerHodgson Landscape Architecture** | Client: Massachusetts State College

Building Authority & Salem State University

- ❑ In this specific design, the stair feature, along with the ramps, create an open, and easily accessible transition from the side walk down to the site
- ❑ The photo on the bottom right also shows how different pathways, coming from different directions, creates easier access to different areas of the site



“The addition of the new 525 bed Marsh Hall created a unique opportunity to re-connect the campus to the adjacent tidal marsh while creating open space for recreation, improving site drainage and augmenting the overall ecological health of the campus.”



# Tongva Park and Ken Genser Square

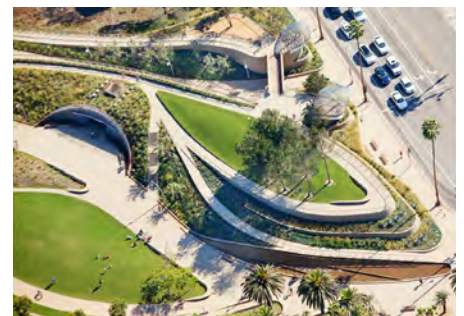
2018 **HONOR AWARD** | **General Design**

Santa Monica, CA, USA | **James Corner Field Operations LLC** | Client: City of Santa Monica

- ❑ Transitions between spaces by change in elevation and incorporating pathways within that elevation
- ❑ Uses retaining wall to creates places for seating in small spaces



“Tongva Park + Ken Genser Square transformed a former parking lot into a lush landscape of rolling hills, meadows and gardens. The design was shaped by an extensive community process and is now celebrated as an important destination and center for Santa Monica.”



[https://www.asla.org/2019awards/638017-Washington\\_Fruit\\_Produce\\_Company\\_Headquarters.html](https://www.asla.org/2019awards/638017-Washington_Fruit_Produce_Company_Headquarters.html)

# Klyde Warren Park - Bridging the Gap in Downtown Dallas

2017 AWARD OF EXCELLENCE | General Design

Dallas, TX, USA | OJB Landscape Architecture | Client: The Woodall Rodgers Park Foundation | Experience

Klyde Warren Park in Virtual Reality

- ❑ Uses seating as a means to transition from one space to another and trees as a barriers and for shading purposed
- ❑ Crossing pathways for easier access across the site



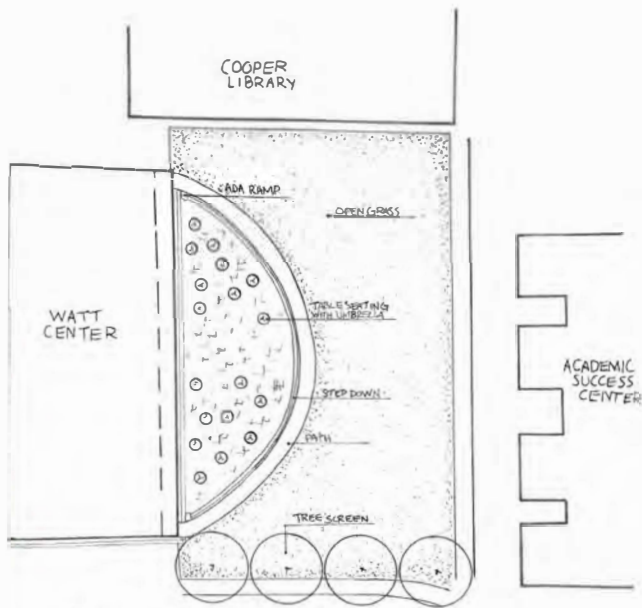
“The park is designed to reflect the district through its modern design. The park has been warmly embraced by the community and has been a catalyst for economic development. Daily free activities include performances, lectures and fitness classes..”



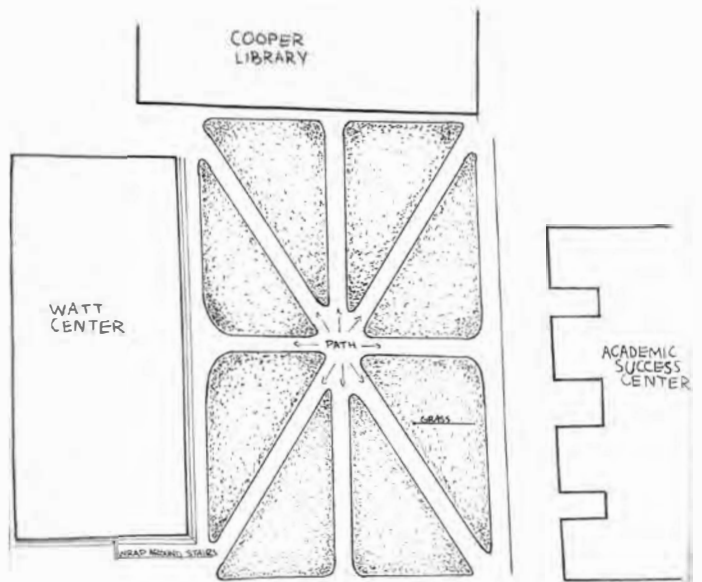
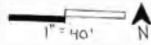
<https://www.asia.org/2018awards/455375-Iqaluit-Municipal-Cemetery.html>

## Concept Statement

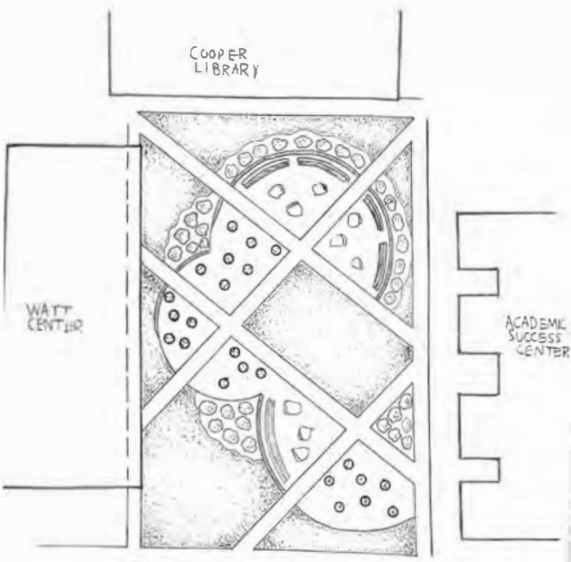
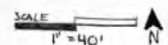
The purpose of this project is to create a space in which people transition smoothly from one section of the site to another through the use of pathways and programming to the specific needs of those who use it. For this site in particular, this is accomplished through the provision of multiple pathways across the site and programmed study/seating space throughout.



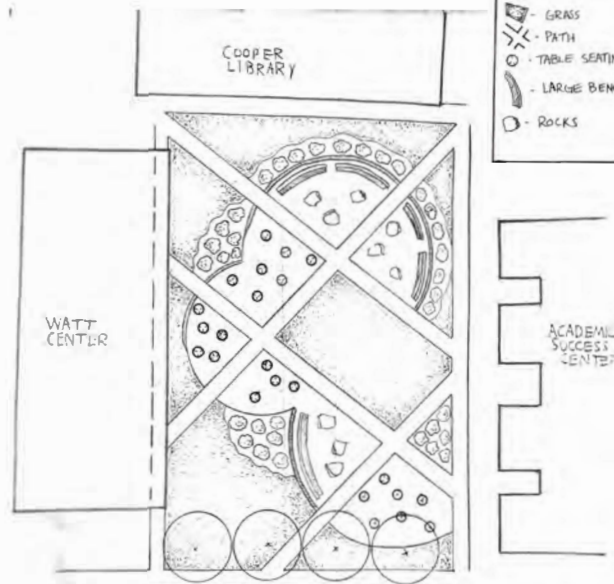
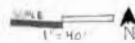
CONCEPT 1



CONCEPT 2



CONCEPT 3



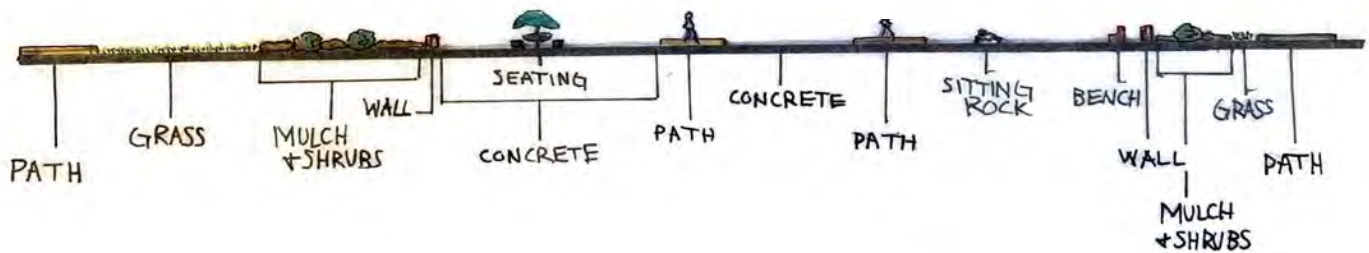
CONCEPT 3

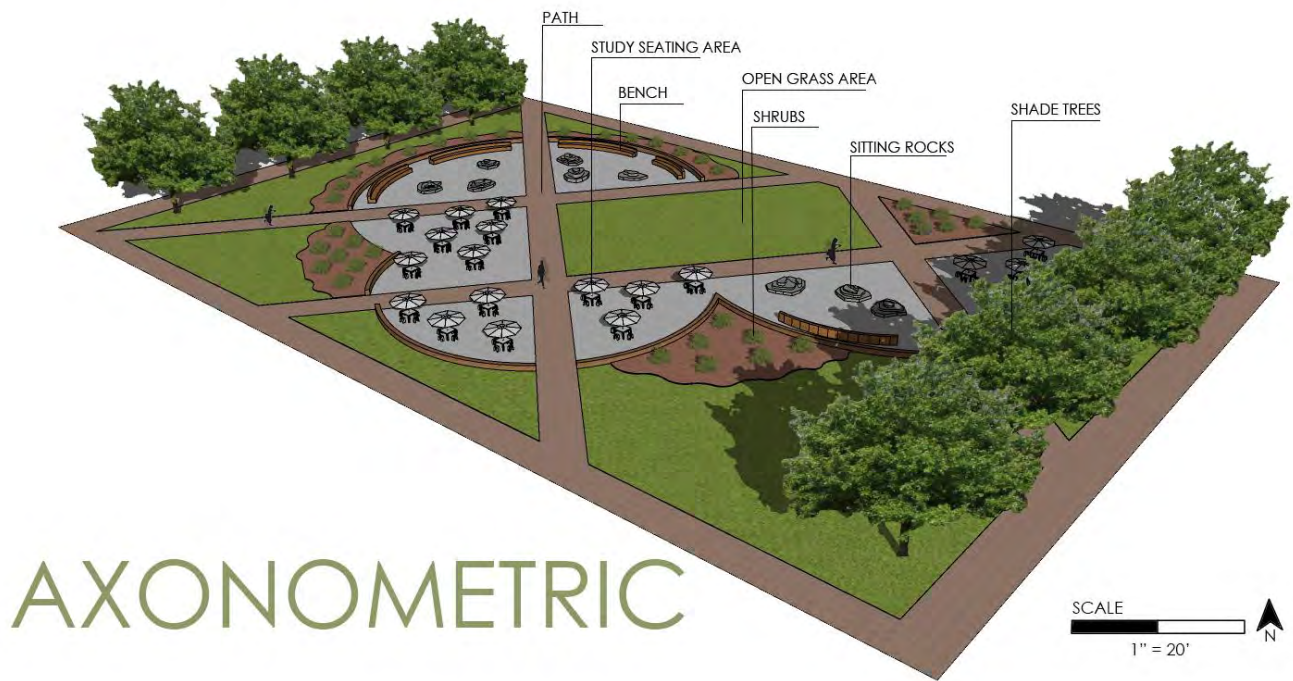


| LEGEND |                             |
|--------|-----------------------------|
|        | SHRUBS                      |
|        | GRASS                       |
|        | PATH                        |
|        | TABLE SEATING WITH UMBRELLA |
|        | LARGE BENCH                 |
|        | ROCKS                       |



## SECTION





## PERSPECTIVES



# TOPOGRAPHIC MODEL

