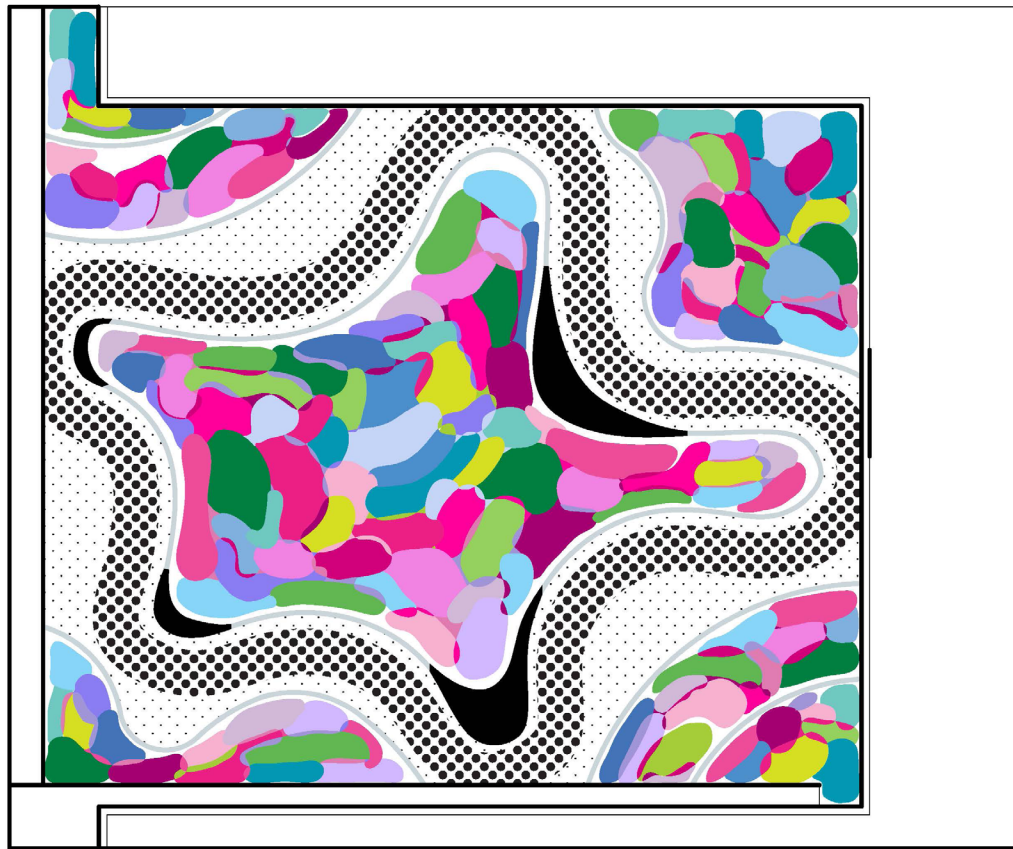




lee courtyard master plan

LARC 2150 | 8150

cate williams

concept statement:

This week, the goal was to make the Lee courtyard into a space modelled after the environmental movement. This movement uses natural plants and winding paths to create a free, meadow-like feel. In order to replicate that, I created a winding path around the courtyard that is bordered with large swathes of textured and colorful plants. The plantings in the middle and on two of the edges are contained in raised beds that have benches built in to them.

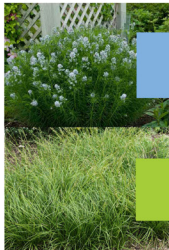
legend

-  inset benches
-  path
-  retaining wall to hold raised beds
-  mix of turf grass and clover



scale: 1" = 20' 0"

functional



Bluestar
Anemone huibrichtii

Cherokee Sedge
Carex cherokeensis



White Wood Aster
Aster divaricatus
'Eastern Star'

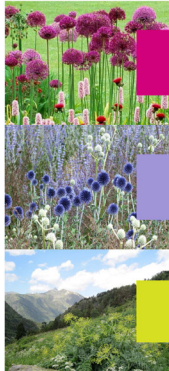
Japanese Aster
Asteromea mongolica

Calamint
Calamintha nepeta
ssp. *nepeta*



Great Burnet
Sanguisorba
'Pink Tanna'

seasonal



Plume Thistle
Cirsium rivulare
'Atropurpureum'

Globe Thistle
Echinops ritro
'Veitch's Blue'

Striped Hemlock
Molopospermum
peloponnesiacum

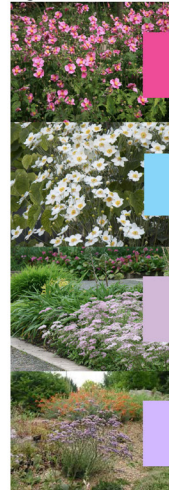


Bee Balm
Monarda didyma
'Tulud'

Siberian Catmint
Nepeta sibirica

Great Burnet
Sanguisorba
'Great Burnet'

ground cover



Japanese Anemone
Anemone hupehensis
'Hadespen Abundance'

Japanese Anemone
Anemone x hybrida
'Honoris eulobert'

Rosum
Chaerophyllum
hirsutum 'Roseum'

Siberian Statice
Limonium gmelinii

structure



Cimicifuga
Actaea racemosa



White Mugwort
Artemisia lactiflora

Astilbe
Astilbe chinensis
'Little Vision in Pink'

Sideoats Grama
Bouteloua
curtipendula

Loosestrife
Lithium salicaria
'Blush'

Loosestrife
Lithium salicaria
'Zigeunerblut'

Muhly Grass
Muhlenbergia
capillaris

filler



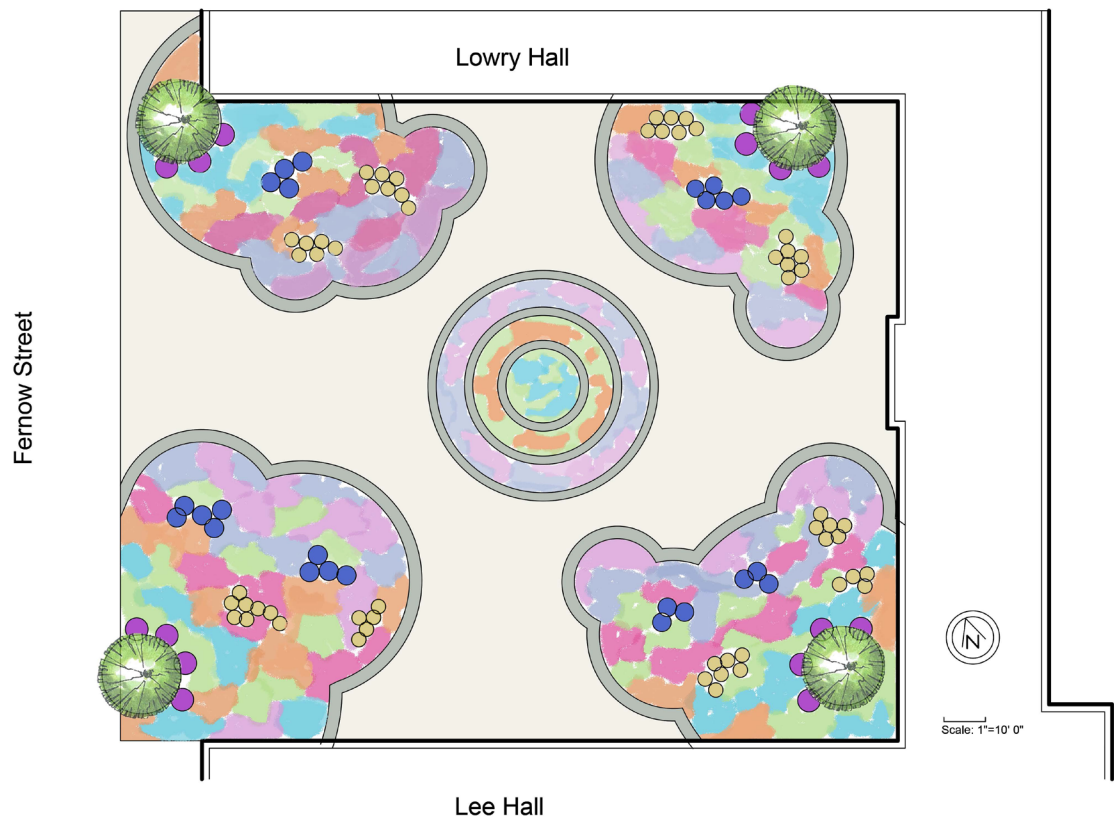
Whorled Milkweed
Asclepias verticillata



Mitchell Wallin
LARC 2150
Dr. Lara Browning
17 March 2023

Concept Statement

For the environmental movement design I went with clean, angular pathways with a minimal amount of pathways overall. Areas of the pathway melt off into lawn areas and further upward into retaining walls that also serve as seating for users. Contained by the walls are planters; each planter is planted the same with small variations. The overall archetype goal for the area is a grassy wildflower meadow. Swamp Milkweed and Northwind Switchgrass give the meadow structure through their dominant appearances. Queen of the Prairie and Anise Hyssop provide seasonal interest, complementing the pink blooms of the milkweed with their own light-pink and purple blooms. Similarly, with the filler plants and ground cover, light green foliage and white to purple blooms are seen. Overall, there is a balance between leafy foliage and grass, and a satisfying spectrum of deep purple, all throughout pink, and into the neutral whites of the aster and spurge blooms.

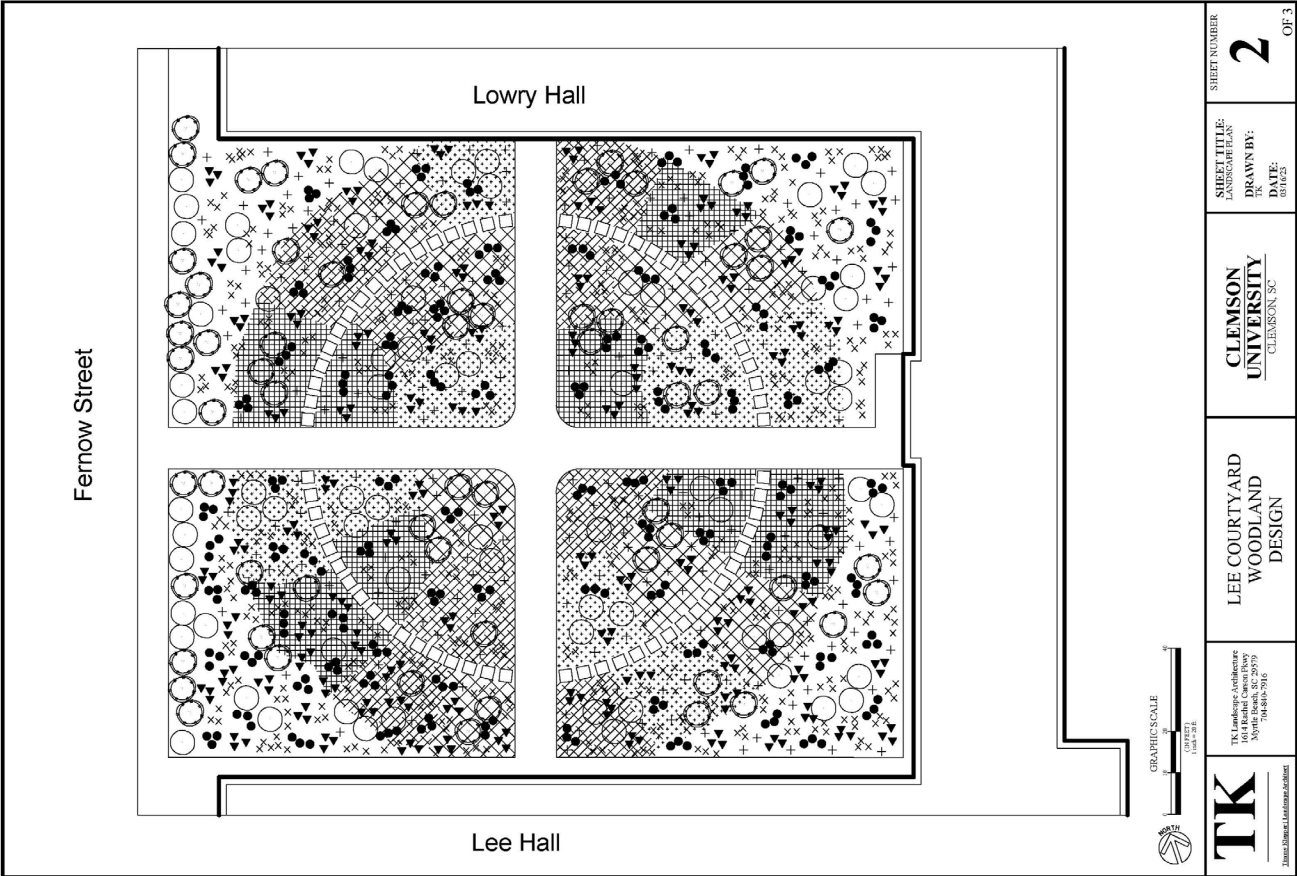
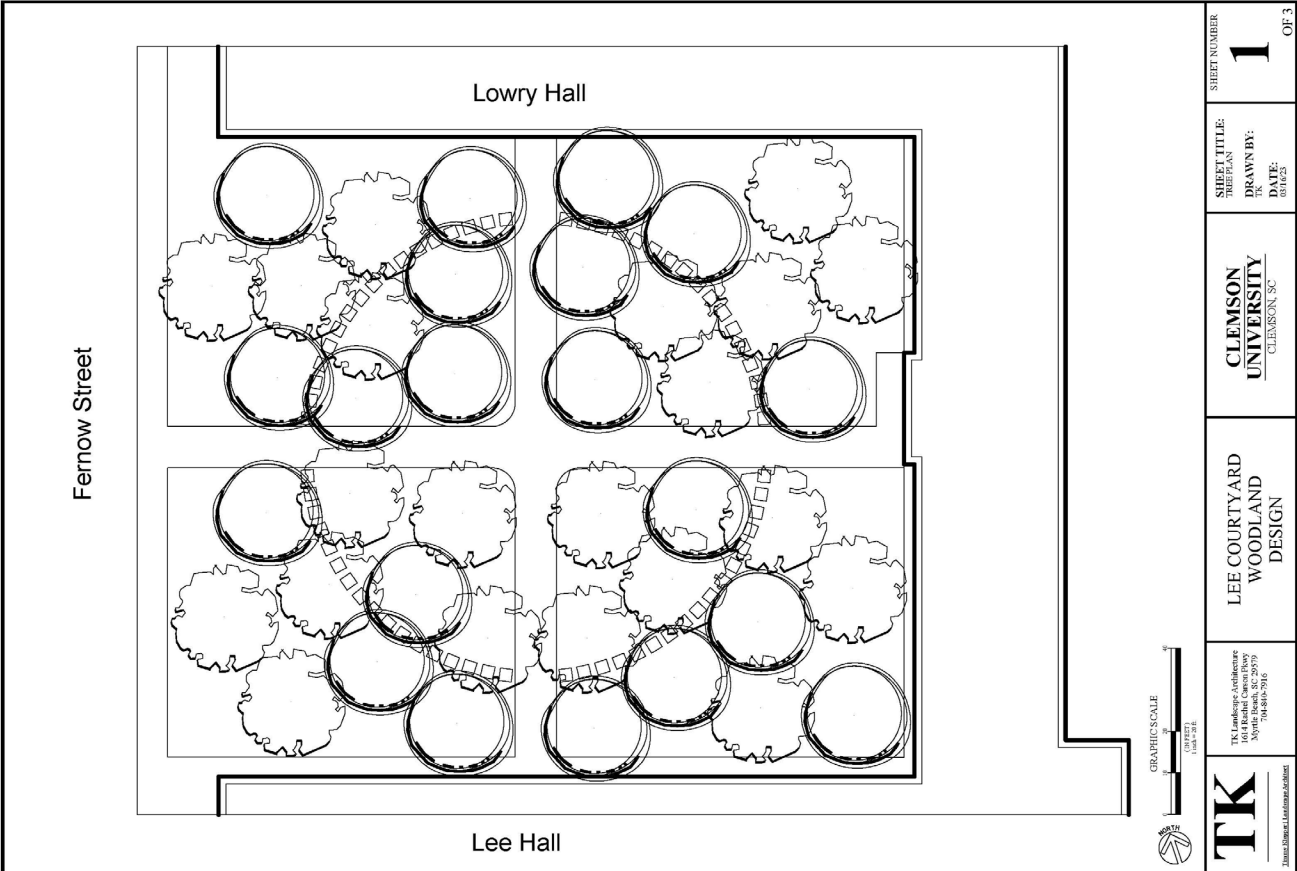


Botanical name	Common name	QTY
 <i>Asclepias tuberosa</i>	Butterfly Milkweed	Clusters of 15
 <i>Amsonia hubrichtii</i>	Bluestar Amsonia	24
 <i>Carex grayi</i>	Grays Sedge	Clusters of 25
 <i>Chionanthus retusus</i>	Chinese Fringe Tree	4
 <i>Eutrochium maculatum</i>	Joe-pye Weed	Clusters of 15
 <i>Iris versicolor</i>	Blueflag Iris	Clusters of 20
 <i>Panicum virgatum</i>	Switchgrass	57
 <i>Phlox stolonifera</i>	Creeping Phlox	Clusters of 20
 <i>Sedum 'Autumn Joy'</i>	Stonecrop	Clusters of 15
 <i>Vitex agnus-castus</i>	Chasetree	15

Design Concept

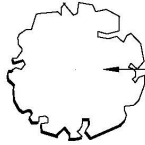
This planting design represents todays style of planting: the Environmental Movement. To be considered an environmental movement design, the designer must establish a plant community, whether a forest/woodland, wetland, or grassland/meadow. In this case the design is a grassland/meadow. The users are able to experience these large areas of meadow as they navigate throughout the site, and on the perimeter of each one their are concrete benches. Close to the benches the plants are small in height as they are closer to the individual, and as the platns get further back, they become taller, creating a sense of depth. Scattered throughout each meadow area you have two species of anchor plants (*Panicum* and *Amsonia*). This design is made possible through plant massing, creating patterns and allowing it to feel like a natural grassland/meadow. Four trees (*Chionoanthus*) are placed in each meadow to add an extra late spring/early summer seasonal intrest. The hope for this design is for the user to feel peace and comfort as they experience the site

Sam Carpenter

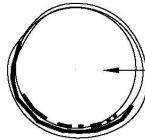


PLANT MATERIALS LEGEND

Structure Trees/Shrubs



Betula utilis var. *jacquemontii* 'Grayswood Ghost' | Himalayan Birch



Cornus florida | Flowering Dogwood



Aesculus parviflora | Bottlebrush Buckeye



Hamamelis vernalis | Vernal Witch Hazel

Seasonal



Aster cordifolius | Common Blue Wood Aster



Helleborus brandywine | Lenten Rose



Solidago caesia | Bluestem Goldenrod

Groundcover



Carex appalachica | Appalachian Sedge



Chrysogonum virginianum 'Allen Bush' | Green and Gold



Geranium maculatum | Wild Geranium



Phegopteris decursive-pinnata | Beech Fern

Filler



Aquilegia canadensis | Wild Columbine

Concept Statement

My design of the Lee Courtyard is driven by environmental design. The archetype I chose is woodland. After choosing my archetype, I studied the users and functionality of the site. I focused on circulation, allowing easy access to each building and to each entrance. I focused on layering different heights of plants throughout the site. There are Himalayan Birch trees and Flowering Dogwood trees throughout the site. I used Witch Hazel and Bottlebrush Buckeye as my shrubs, using them throughout the site and to screen the road. I used many seasonal shrubs and groundcovers, scattered throughout the site. Then I used Wild Columbine as a filler plant, to fill in the areas that were bare, with some nice seasonal interest.

TK

Timothy Klingman / Landscape Architect

TK Landscape Architecture
1614 Rachel Carson Pkwy
Myrtle Beach, SC 29579
704-840-7916

LEE COURTYARD
WOODLAND DESIGN

CLEMSON
UNIVERSITY
CLEMSON, SC

SHEET TITLE:
PLANT LEGEND

DRAWN BY:
TK

DATE:
03/16/23

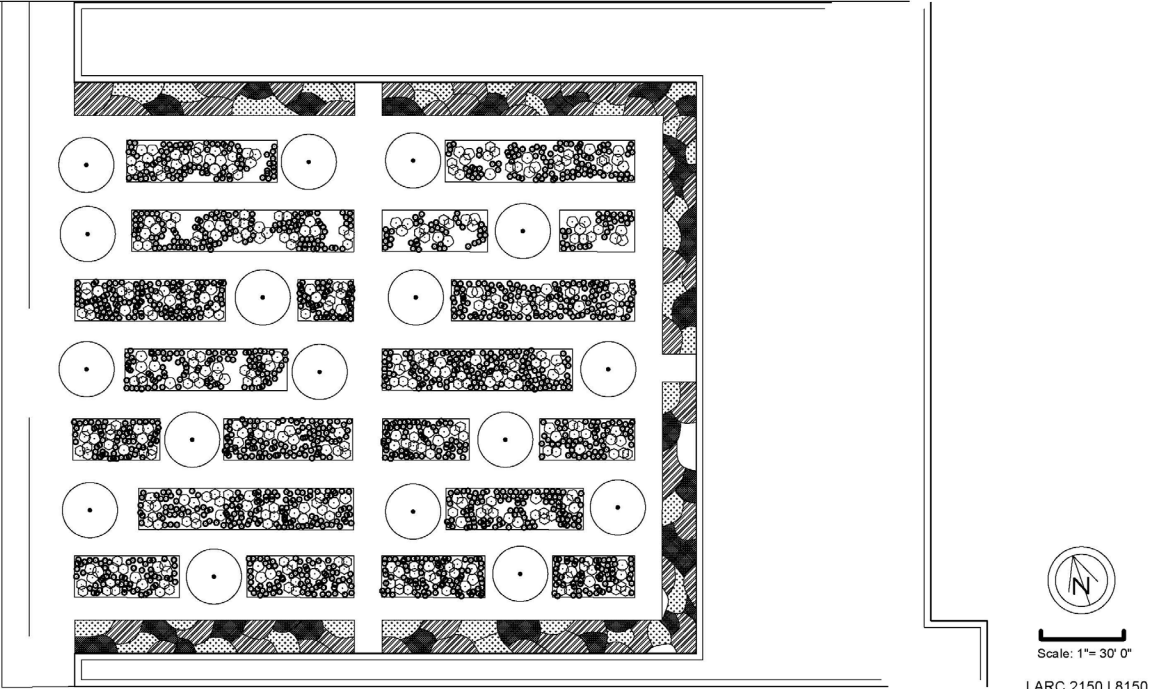
SHEET NUMBER

3

OF 3

Lee Courtyard Basemap

Original



PLANT_SCHEDULE

TREES	CODE	BOTANICAL / COMMON NAME	QTY	REMARKS
	ULM PAR	Ulmus parvifolia / Lacebark Elm	17	Structural Layer
ANNUALS/PERENNIALS		BOTANICAL / COMMON NAME	QTY	
	SAL GBR	Salvia glabrescens / Japanese Woodland Sage	171	Structural Layer
	SED AUS	Sedum x 'Autumn Joy' / Autumn Joy Sedum	216	Filler Layer
	MUH PFM	Muhlenbergia x 'Pink Flamingo' / Pink Flamingo Muhly		Seasonal Theme
	HAK MAC	Hakonechloa macra / Japanese Forest Grass		Structural Layer
	AST BCT	Aster diversicatus 'Beth Chatto' / Beth Chatto White Wood Aster		Seasonal Theme
GRASSES		BOTANICAL / COMMON NAME	QTY	
	CAR EBU	Carex obovata / Bristleleaf Sedge	1,709	Ground cover

CONCEPT_STATEMENT

This design intends to represent the environmental movement and create a very naturalistic feeling for the users of the site. The archetype I chose to mimic was the grassland which is found in many different places throughout south Carolina. I used the memorial as a precedent for this design which doesn't represent a grassland but it did give me the idea for the basic design that I chose. The design also incorporates modern techniques with the simplicity of the design itself and also incorporates contemporary techniques through the use of a variety of plantings. In this design I focused on multiple different layers in the planting beds which are structural, seasonal theme, filler layer and ground cover. The design also uses two different types of plant massing techniques, matrix planting throughout the inside of the courtyard and group massing along the perimeter of the courtyard. When choosing the plants, I chose plants that would interact with each other and represent a grassland.