



# LUCY CROSS

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# MLA Thesis

## “Landscape Heritage of Napa Valley: a Trail and Park Design for the City of Napa, CA”



This thesis looked at the regional landscape heritage of Napa Valley to inform site design. The valley's rich agricultural past has been influenced by the place itself--Napa Valley's soils, topography, and climate. The regional landscape heritage formed the conceptual basis for a riverfront trail in the city of

Napa, and a nodular park design along that trail.

The nodular park lies on a seasonal flood plane along the Napa River. The park's major features include a garden and stormwater pond, fruit orchards, an Outlook Point, Eucalyptus allées, and seasonal wetlands.



Left: Plan of proposed riverfront trail and park. Right: Existing park site. *Both plans drawn in Adobe Illustrator as overlays to aerial photographs. Park plan inserted in to trail map using Photoshop.*



Site plan of park along the east side of the Napa River, north of Imola Ave. and west of Soscol Ave. *Plan drawn in AutoCAD and hand rendered with colored pencil.*

# MLA Thesis

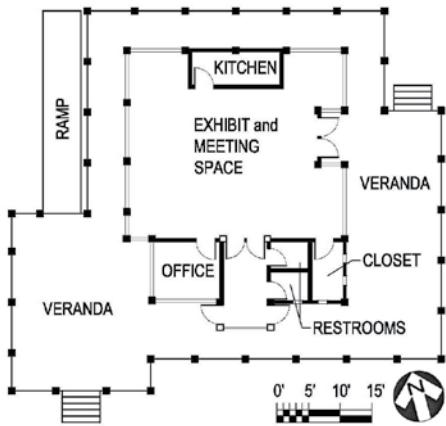
## Ornamental Garden, Stormwater Pond, and Interpretation Center



Ornamental Garden, Stormwater Pond, and Interpretation Center: view looking northeast. *Hardscapes modeled with Sketchup and rendered with IDX Reditioner. Photomontage rendered in Photoshop.*



Section through Stormwater Pond with South Elevation of Interpretation Center. Hand drawn section line, rendered in Photoshop.



Above: Plan and perspective view of Interpretation Center building. *Plan drawn in AutoCAD; perspective modeled in SketchUp and rendered with IDX Renditioner.*

Left: Plan view of Garden, Pond, and Building. *Plan drawn in AutoCAD and hand rendered with colored pencil.*

The central features of the proposed park are an interpretation center, an ornamental garden, and a pond fed by stormwater.

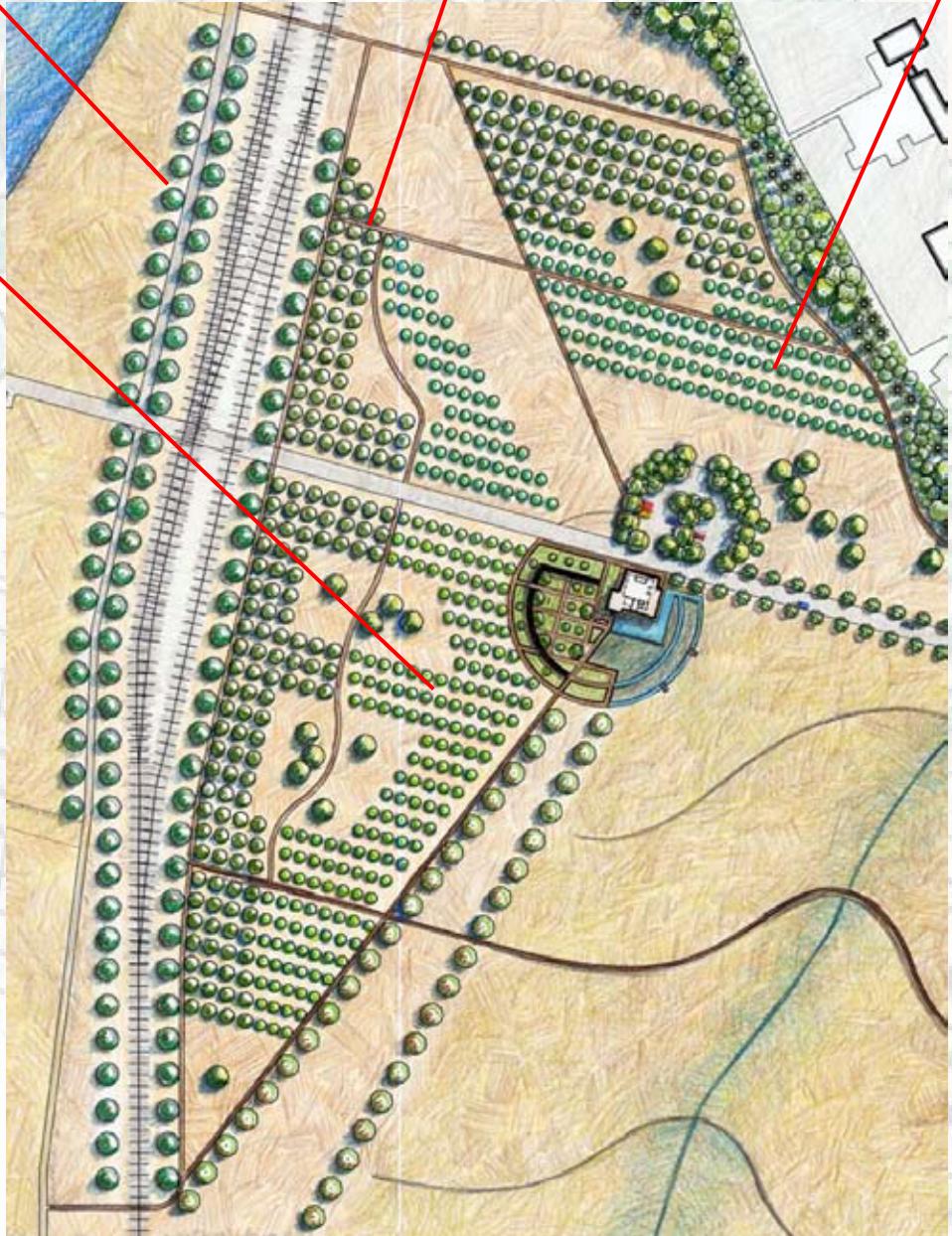
The interpretation center is designed to host exhibits on Napa's landscape heritage as well as provide meeting/gather space. The building features a broad veranda with views toward the river.

The garden showcase native plants, but also includes non-natives that resonate with California's gardening traditions.

The pond collects stormwater which it feeds into adjacent wetlands.

# MLA Thesis

## Orchards & Allées



Although fruit orchards previously spread throughout Napa, almost all commercial orchards have now been replaced by the vineyards of the wine industry.

In providing a conceptual link to Napa's agricultural heritage, the proposed park includes prune, cherry, and olive orchards.

Further referencing past planting trends, eucalyptus trees line the existing railroad tracks, just as they would have in the Nineteenth Century.



Section through trail, train tracks, and orchard. *Section line drawn in AutoCAD, image rendered in photoshop.*



Perspective view into Orchard, looking north from path. *Photomontage rendered in photoshop.*

# MLA Thesis

## Outlook Point

The existing site includes a man-made mound of fill from an upstream dredging project. The proposed design converts the mound into an Outlook Point with views of the river and nearby bridge.

Right: Outlook Point, plan view. Features a sun compass of polished metal poles encircled by spiralling planting beds. *Modeled in Sketchup and rendered with IDX Renditioner.*



Outlook Point looking Northwest toward the Napa River. *Hardscapes modeled in Sketchup and rendered with IDX Renditioner. Photomontage rendered in Photoshop.*



Section cut through Napa River and Outlook Point. *Hand drawn section rendered in Photoshop.*

# MLA Thesis

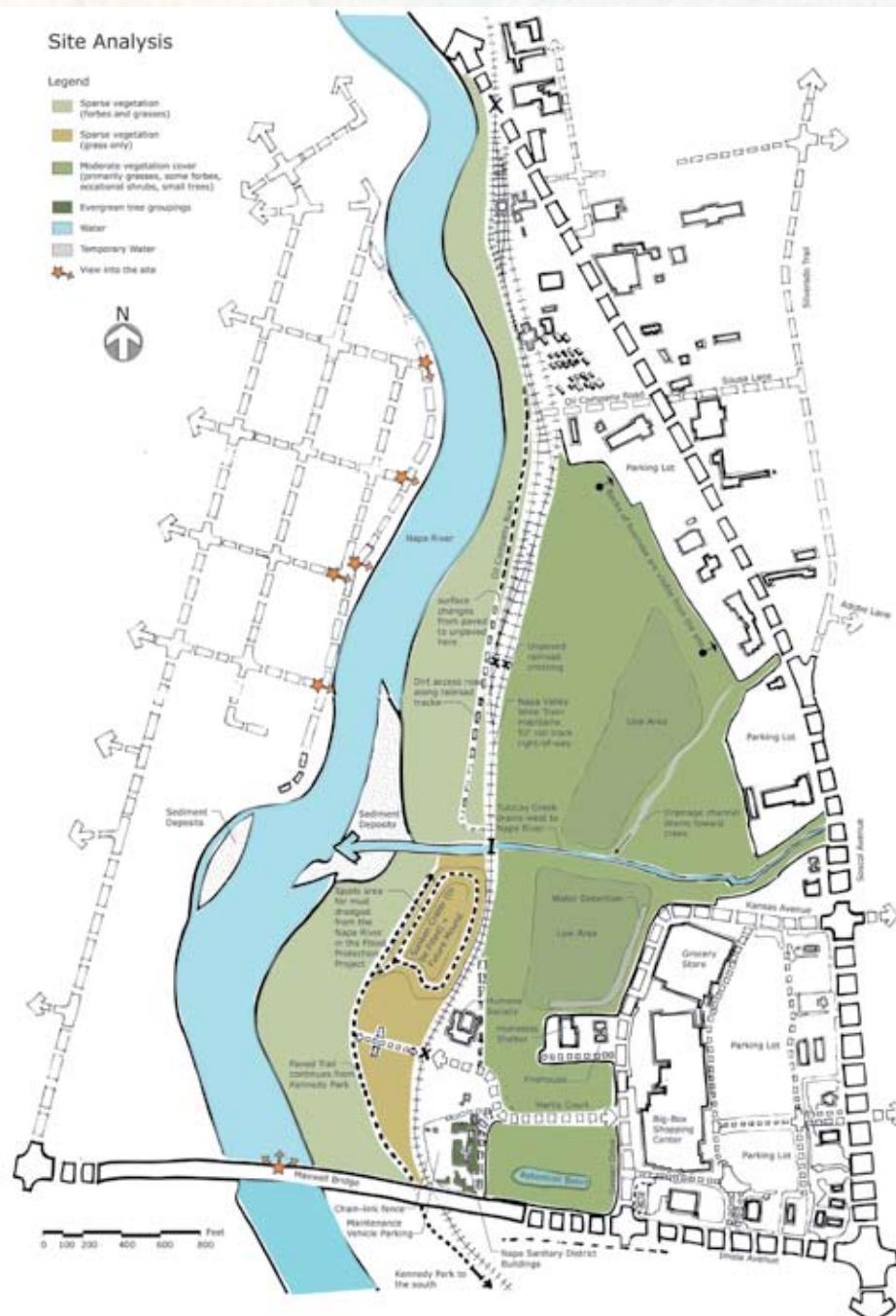
## Supporting Maps and Diagrams

The thesis design process was supported by development of maps and diagrams.

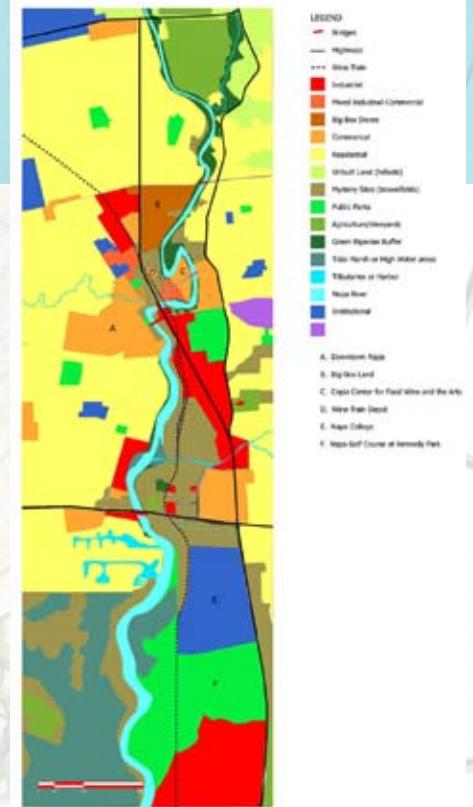
A land-use map of the city of Napa along the Napa River aided in planning the riverfront trail (based

on a master plan prepared by Bottomley Associates).

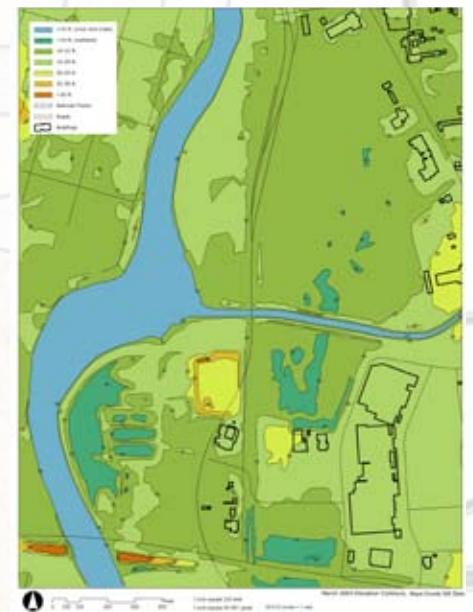
A topography map and site analysis and inventory diagrams guided the layout of the proposed park.



Site Analysis Diagram. *Hand-drawn base; colored and annotated in Adobe Illustrator.*



Land-use Map of land along the Napa River in Napa, CA. *Drawn and annotated in Adobe Illustrator.*



Topography Map of Park Site. *Base map prepared using Napa County GIS data. Color-coded in Photoshop; key created in Adobe Illustrator; and building footprints inserted from AutoCAD.*

# An Experiential Garden

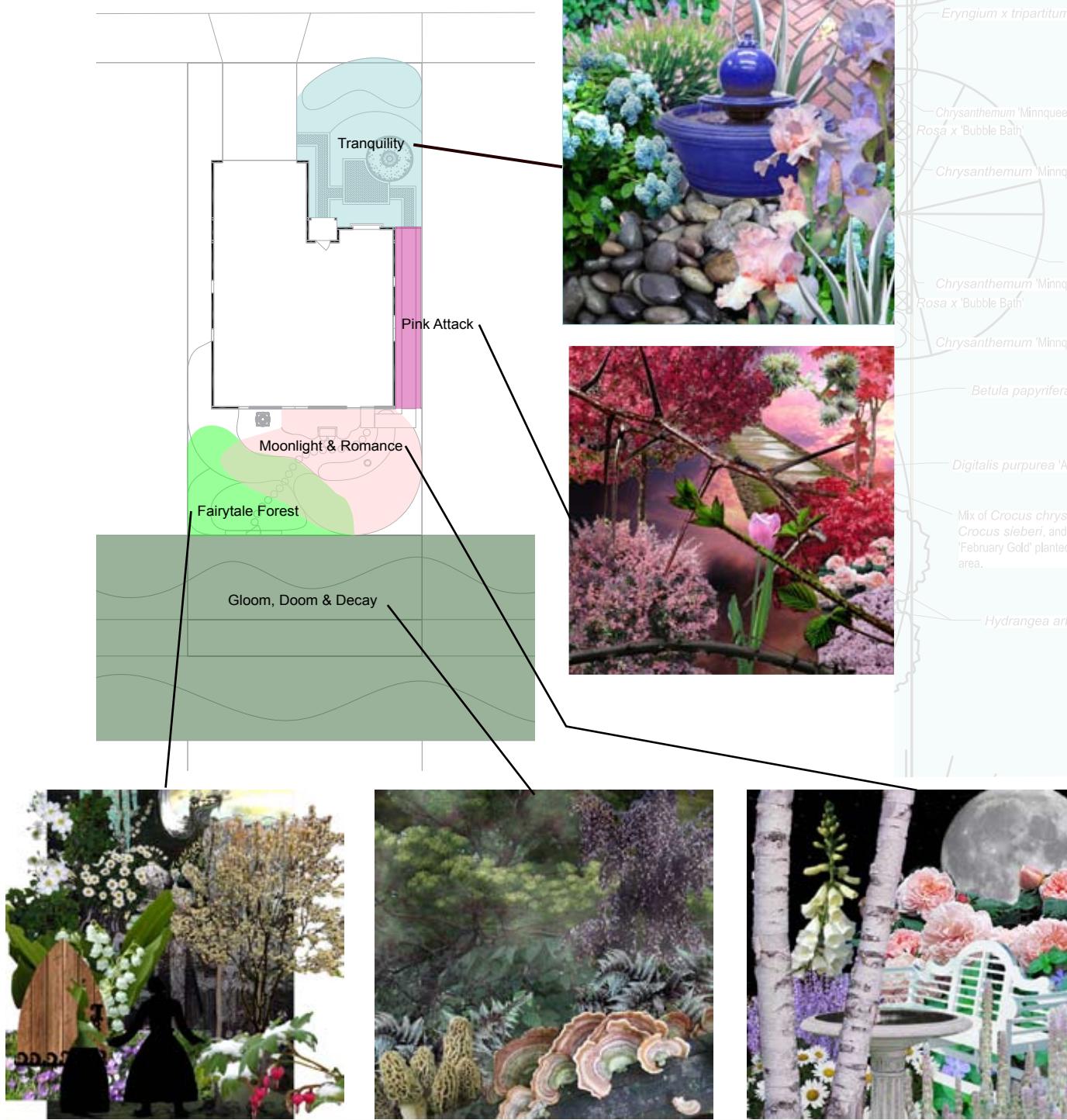
## Residential Garden, Ashland Park, Champaign, IL

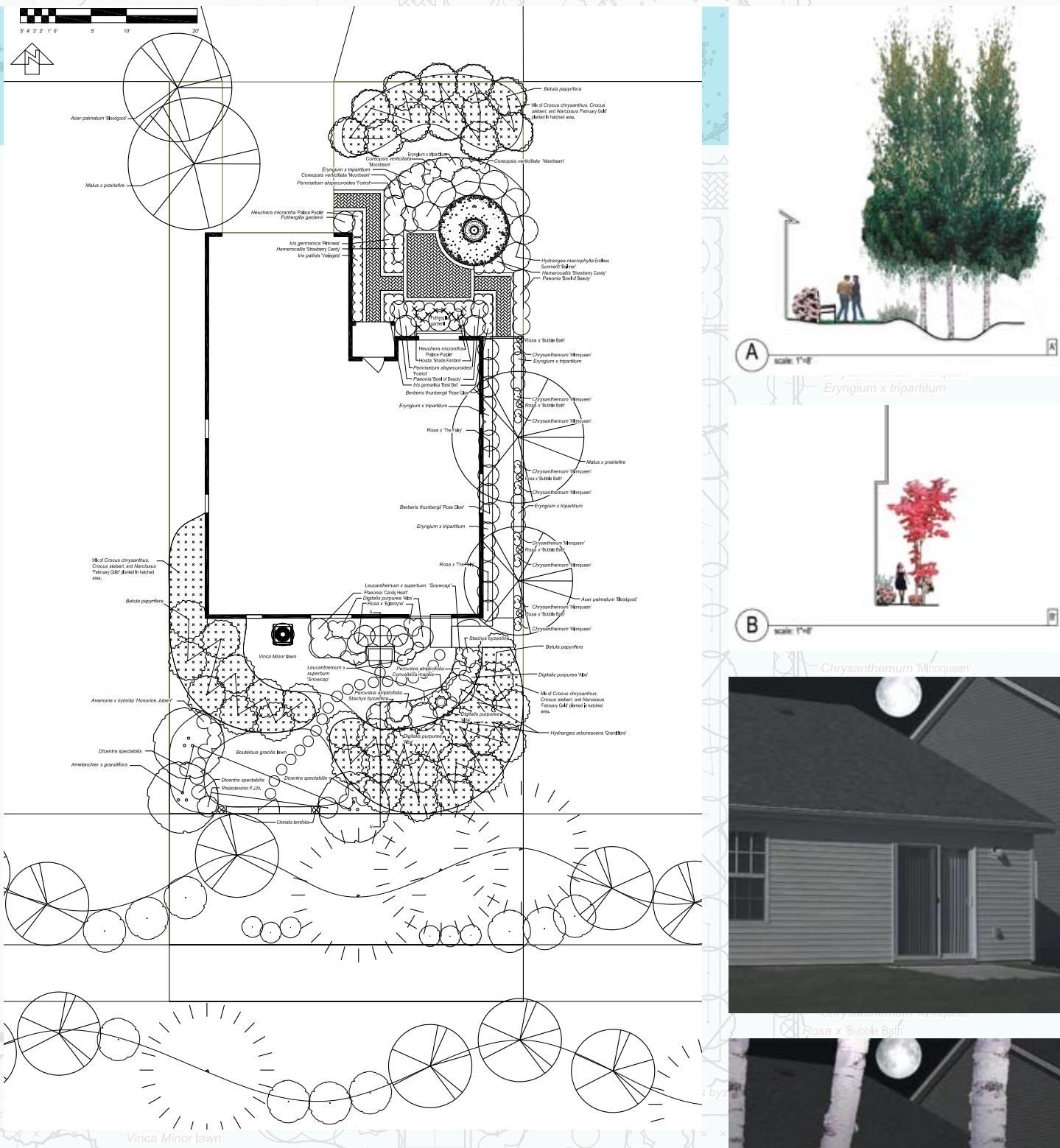
This design transforms a small, suburban yard into a character-filled garden with five different experiential zones. The five zones are: Tranquility, Pink Attack, Moon-

light & Romance, Fairy Tale Forest, and Gloom Doom & Decay.

The five concepts were initially developed using collage to evoke

the desired feeling of each zone. These concepts were then translated into form, and a planting plan was developed that quantified actual plants and specified materials.





Above: Planting plan of the Experiencial Garden. Drawn in AutoCAD.

Right: (Top) Section "A" cut through Moonlight & Romance zone.

(Top middle) Section "B" cut through walk way in Pink Attack.

(Bottom middle) Back of house as existing.

(Bottom) Back of house as proposed. Sections drawn AutoCAD, photomontages in Photoshop.

# The Great Campus

## A Plan to Connect Columbia and Stratton Schools, Champaign, IL



The proposed campus design adds a new arts-themed school (Columbia) to the north of an existing school (Stratton). The two schools are united in the plan by a shared campus, with sports field, amphitheater, parking, and storm-water detention.

Left: Perspective view of amphitheater with Columbia School in the background.. *Modeled in SketchUp*.

Below: Proposed plan. *Drawn with AutoCAD; hand rendered with colored pencil*.



One of two Stormwater Fountains at Columbia School.  
*Modeled in SketchUp*.



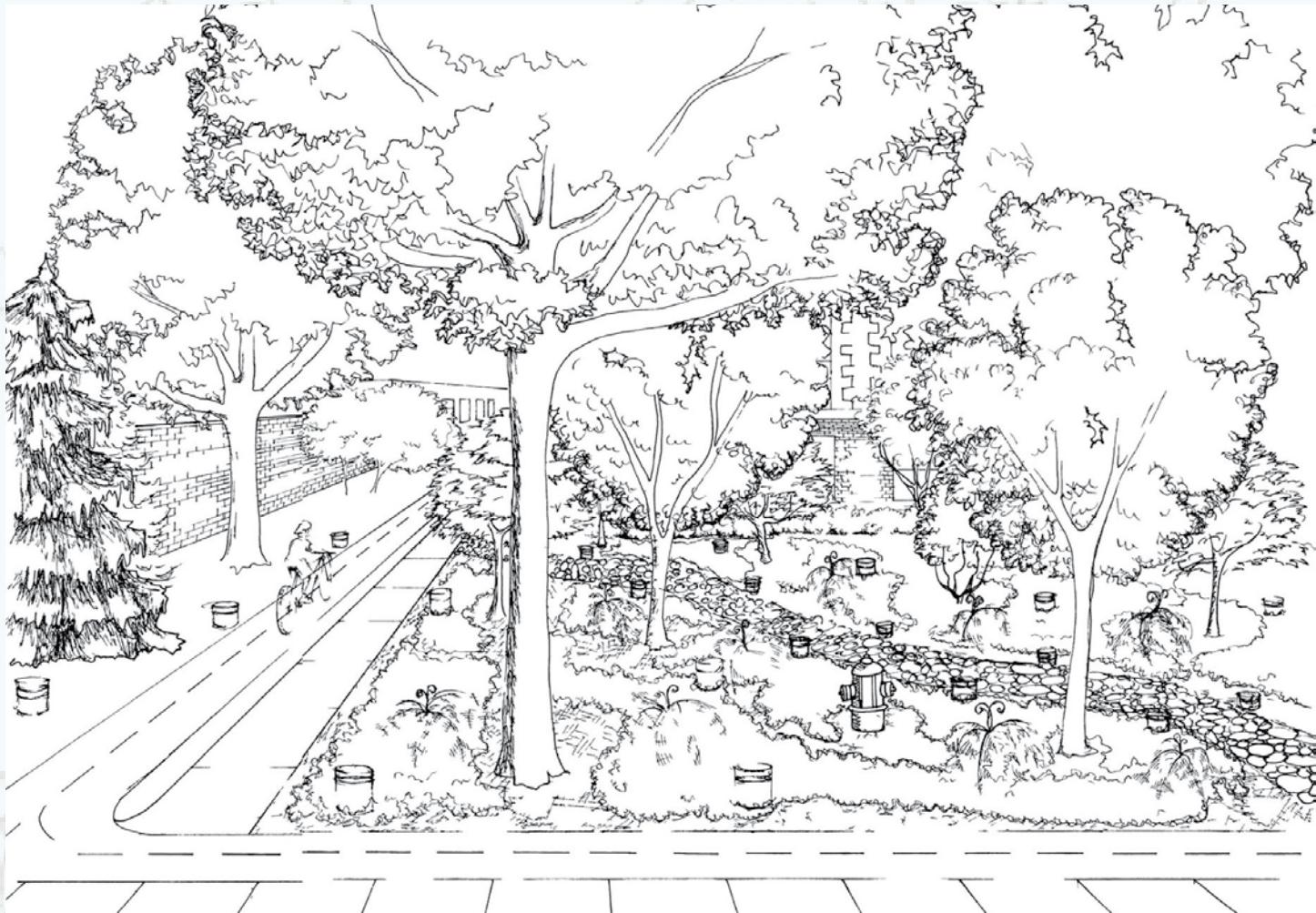
The circular parking lot. *Modeled in SketchUp*.



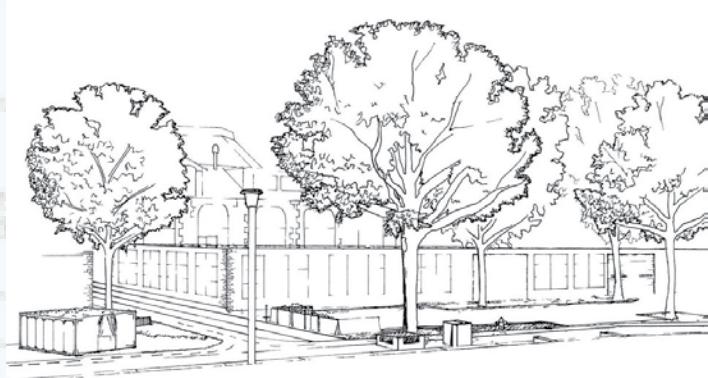
# Art Annex / Ag BioProcess Lab Paths

## University of Illinois, Urbana-Champaign, IL

This project reworks existing pedestrian and bicycle paths at the junction of two university buildings and maintenance yard. This throughfare is currently undermaintained with crumbling pavement and poor drainage. The redesign adresses pedestrian-bicycle conflicts, lighting, and drainage.



Bicycle and Pedestrian Path Redesign, view looking north. *Hand drawn.*



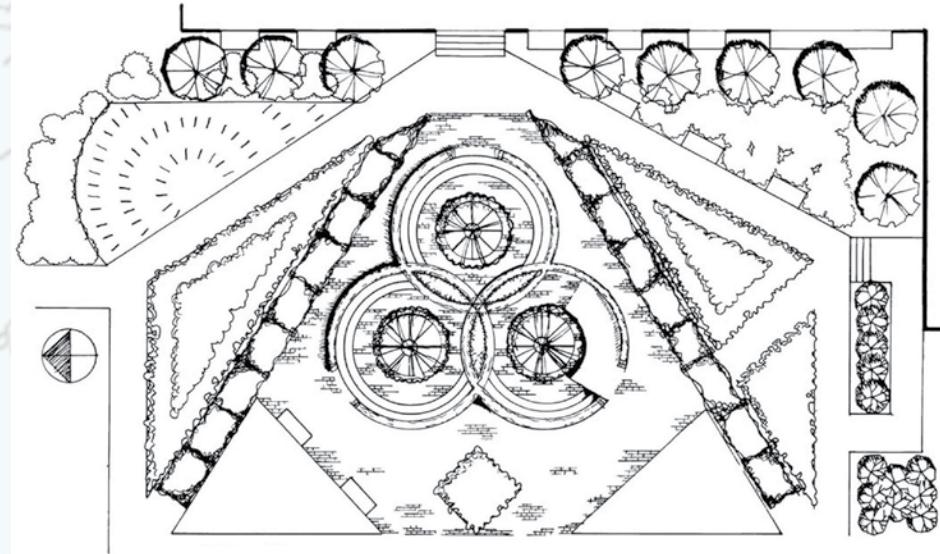
Existing view looking north-east. *Hand drawn.*



Proposed view looking north-east.

# David Kinley Hall Courtyard

## University of Illinois, Urbana-Champaign, IL

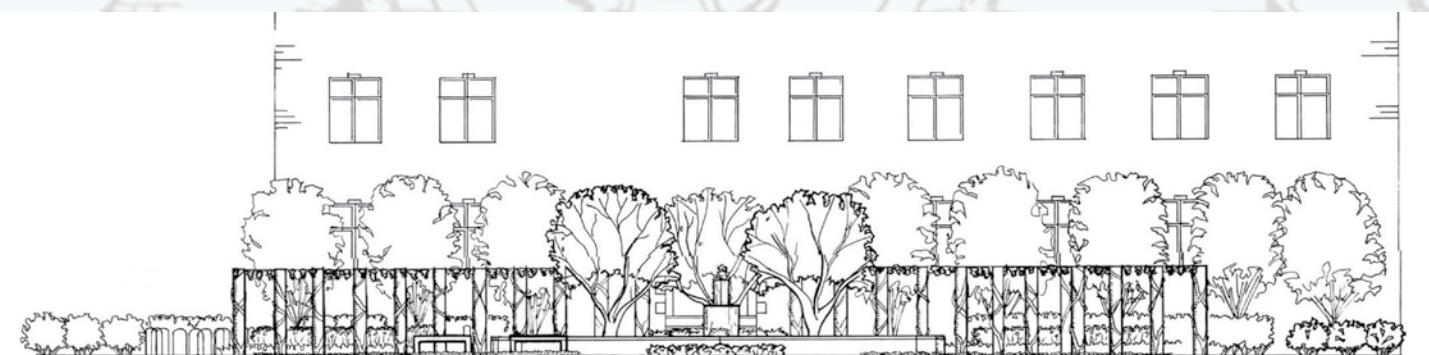


Proposed Site Plan for DKH Courtyard. *Hand drawn on mylar.*

The aim of this project was to redesign an existing courtyard outside a university building occupied by the Business School.

The new design respects pedestrian traffic patterns to/from outlying paths and building entrances. The plan also provides ample bicycle parking.

The main paths crossing the courtyard are highlighted with arbors. Wisteria grows over the arbors, shading pedestrians in summer and allowing sunlight through in winter.

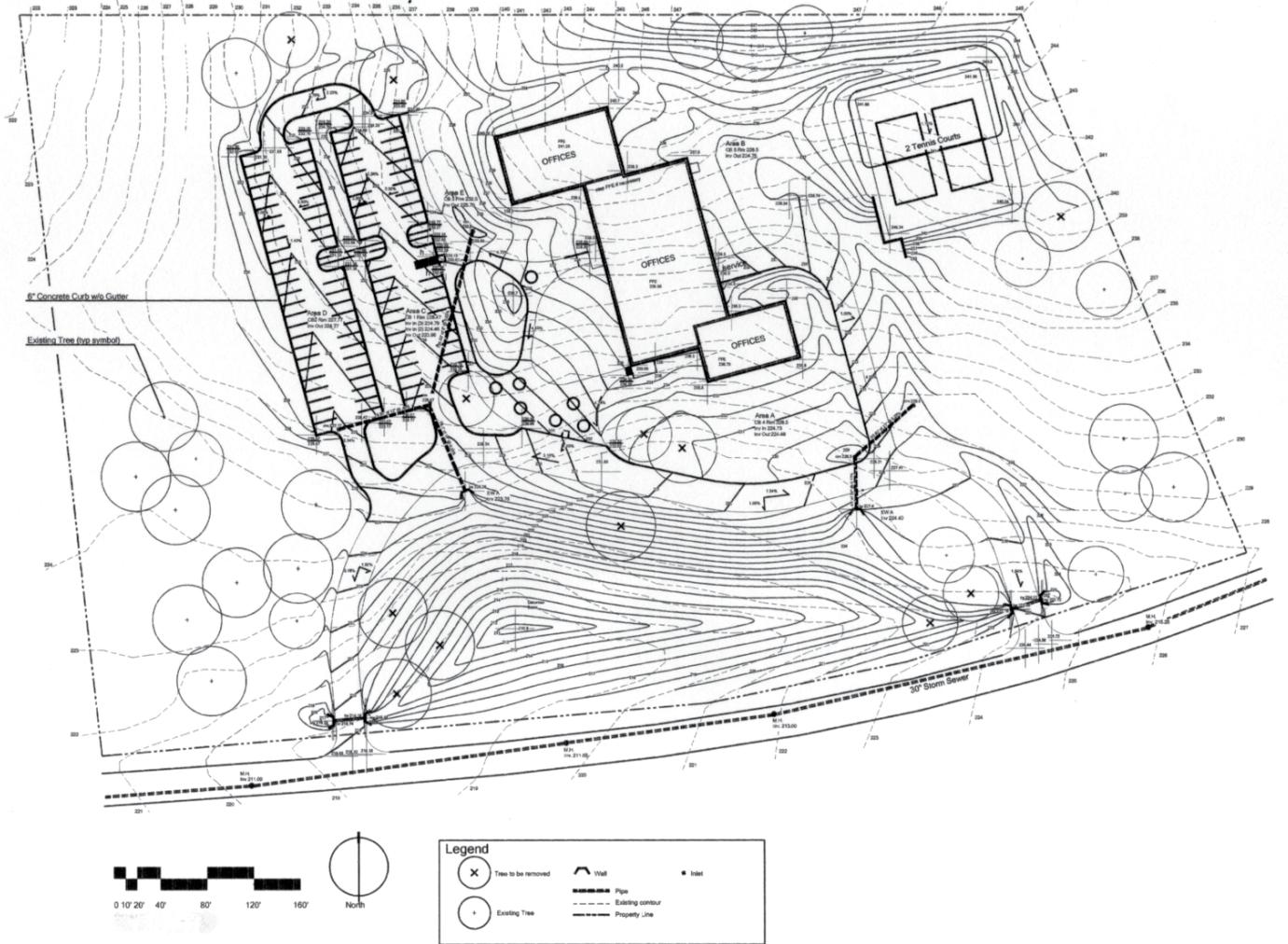


East Facing Elevation of Proposed Design. *Hand drawn on mylar.*

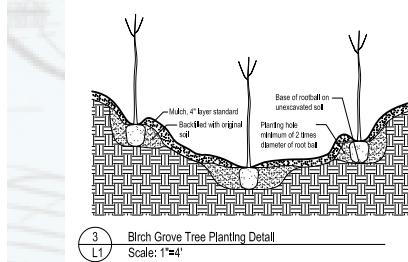
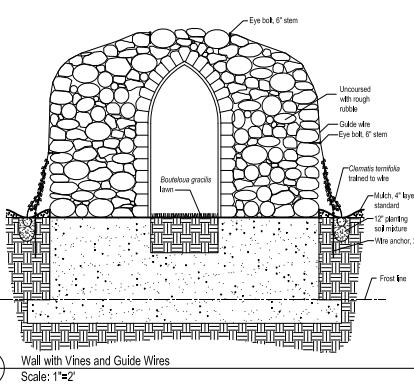


Perspective view looking South-West into Proposed Courtyard design. *Hand drawn and colored with colored pencil.*

# Grading Plan and Planting Details



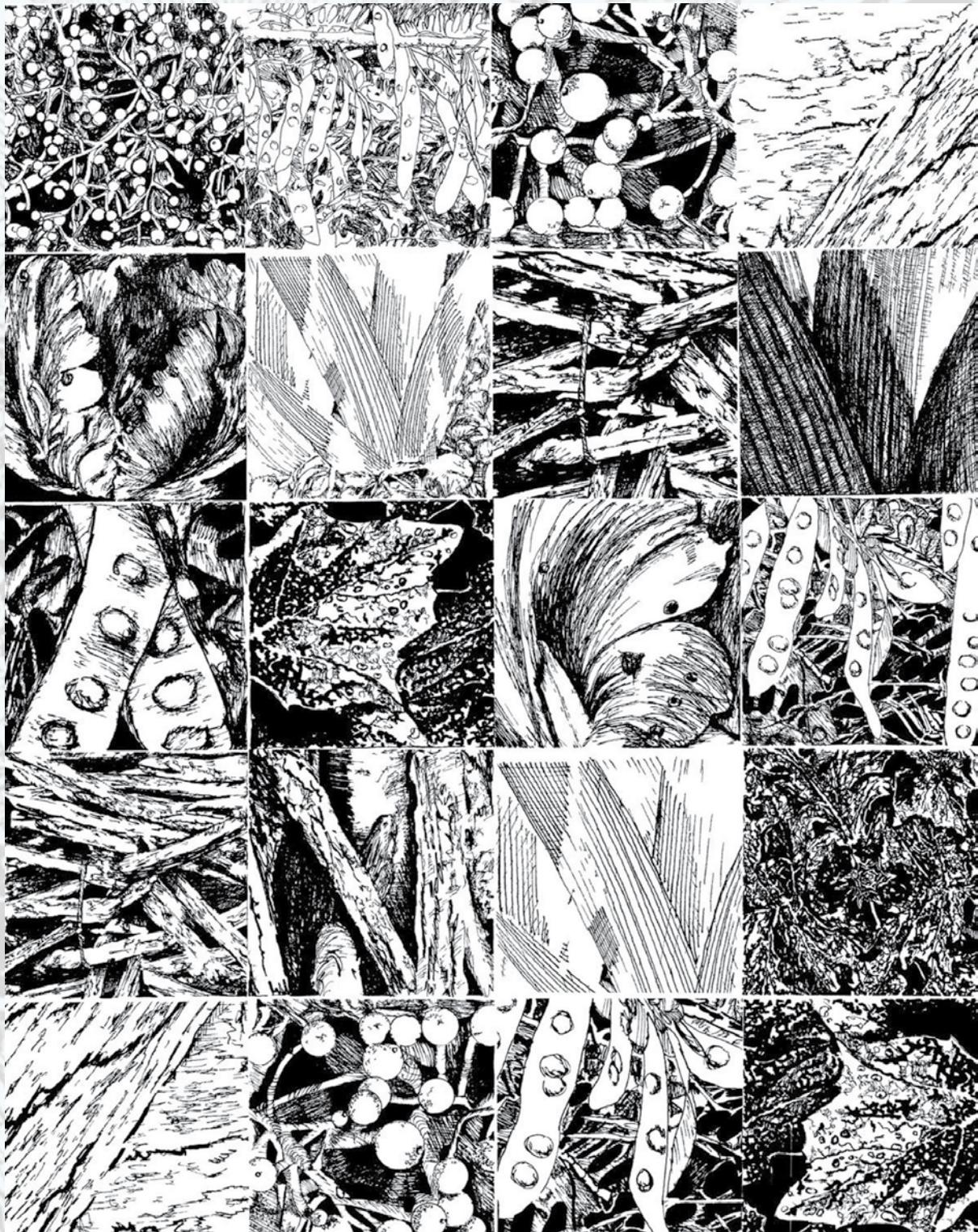
Grading and Drainage Plan produced for class on Site Engineering. AutoCAD.



Planting Detail.

Planting Detail.

# Textures



Textures Project. *Black ink pen on paper.*

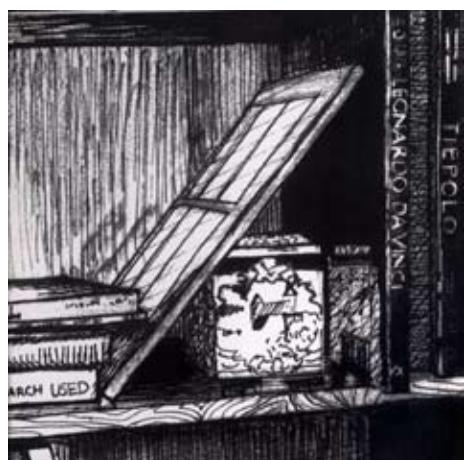
# Sketches



Horse Farm in Kentucky. *Pencil on paper.*



White Park in New Hampshire.  
*Colored pencil on paper.*



Bookshelf. *Black marker on paper.*