

MINUTES OF AUGUST 7, 2018
SPECIAL PROJECTS AND FACILITIES COMMITTEE MEETING
GLENCOE PARK DISTRICT
999 GREEN BAY ROAD, GLENCOE, ILLINOIS 60022

The meeting was called to order at 7:02pm and roll was called.

Committee Members present:

Dudley Onderdonk, Chair/Treasurer
Lisa Brooks, President
Stefanie Boron, Vice President
Josh Lutton, Commissioner

Staff present:

Lisa Sheppard, Executive Director/Secretary
Chris Leiner, Director of Parks/Maintenance
Bobby Collins, Director of Recreation/Facilities

Committee Members absent:

Members of the Public in attendance who signed in or spoke: Betsy Leibson, Elsabi Drost, Adam Hall, Bob Kimble, Harvey Mysel, Robert Ury, Sharon Zulkie

Matters from the Public: Betsy Leibson thanked the District for the support and work completed on the SOSA project, especially Chris Leiner who was wonderful.

Design Review for Old Green Bay Linear Parks: Executive Director Sheppard reviewed the Master Plan, meeting schedule and purpose, architects, and community meeting, then introduced John McManus of Altamanu who gave the presentation are attached to these minutes. Discussion ensued and Committee questions were answered.

Public Comment on Designs presented for Old Green Bay Linear Parks:

- Reduce paths, switch grasslands for low maintenance growth, concern over cost
- Consider alternative material at trail heads, cobblestone is too slippery
- Route the trail as far from residences as possible
- Safety at intersections and paths for walkers, bikers, children traveling for school
- Install path without the expense of doing the “aerating thing”, use the alternative route
- Avoid Viburnum, Viburnum across the street has the Viburnum borer
- Do not develop the parks any further. Fine the way they are. We do not want more traffic in the parks.
- Ensure native restoration/perennial beds are manageable in size
- Consider Invasive species removal along existing brush lines

Board Feedback/Questions

- Do we need the sidewalks?
- Ensure the we don’t recreate the poured in placed areas that maybe attractive to kids biking
- Will this project affect drainage conditions?

Other Business: There was no other business.

Adjourn: Commissioner Lutton moved to adjourn the meeting at 8:24pm. Commissioner Boron seconded the motion, which passed by unanimous voice vote.

Respectfully submitted,

Lisa M. Sheppard
Secretary



Old Green Bay Road Linear Parks Master Plan

Tuesday August 7th, 2018

Tonight

Proposal for a Long-Range Plan for the Linear Parks
Along Old Green Bay

Focused on a Recreational Multi-Use Trail that would
Connect to the Overall Network

Accommodate Variety of Users, All Ages & Abilities

Act as a Spine for Aesthetic and Athletic Park Experiences

Promote Exercise and the Health of the Community

Tonight Order of Presentation

General Information on Oak Trees & Habitat History

Signage and Elements that could be Placed Along Trail
not Necessarily in Any One Location

Scale and Complexity of the Project

Individual Sections of Plan

Long-Term Plan : Menu of Options

Many Specific to Site others Could Be Relocated



Delighted to be Here!!!



More Delighted To Have Such Amazing Oaks



CHICAGO
REGION
TREES
INITIATIVE

Our Trees.
Our Communities.
Our Future.

OAK Trees NEED OUR HELP

Learn What You Can Do



1800s Oak Forests accounted for 60 % of the state's trees
Today, of what remains only 5 percent are Oaks

oak trees provide a habitat for over 500 species of butterfly and moth.
(Morton Arboretum)



HERE'S HOW YOU CAN HELP

- › Clear out weedy trees and plants to let the sun shine in for oaks.
- › Remove non-native invasive plant species.
- › Plant oak trees in sunny areas on your property.
- › Create a healthy home for trees, plants, birds, and other wildlife.
- › Preserve and care for your oak trees and oak woodlands.
- › Volunteer to plant and care for oak trees.

OAK REGENERATION RESOURCES

For more information:

OAK ECOSYSTEMS RECOVERY PLAN
(chicagowilderness.org)

CHICAGO REGION TREES INITIATIVE
(chicagorti.org)

THE MORTON ARBORETUM
(mortonarb.org)

EDDMAPS MIDWEST
(eddmans.org)

Contact us:

 crti@mortonarb.org

 chicagorti.org

 630-719-5646

 @ChicagoRTI

 ChicagoRTI



CHICAGO
REGION
TREES
INITIATIVE

Our Trees.
Our Communities.
Our Future.

The
Morton
Arboretum

THE
CHAMPION
of TREES

4550_03117_PNG © 2017 The Morton Arboretum



OAKS NEED YOUR HELP!

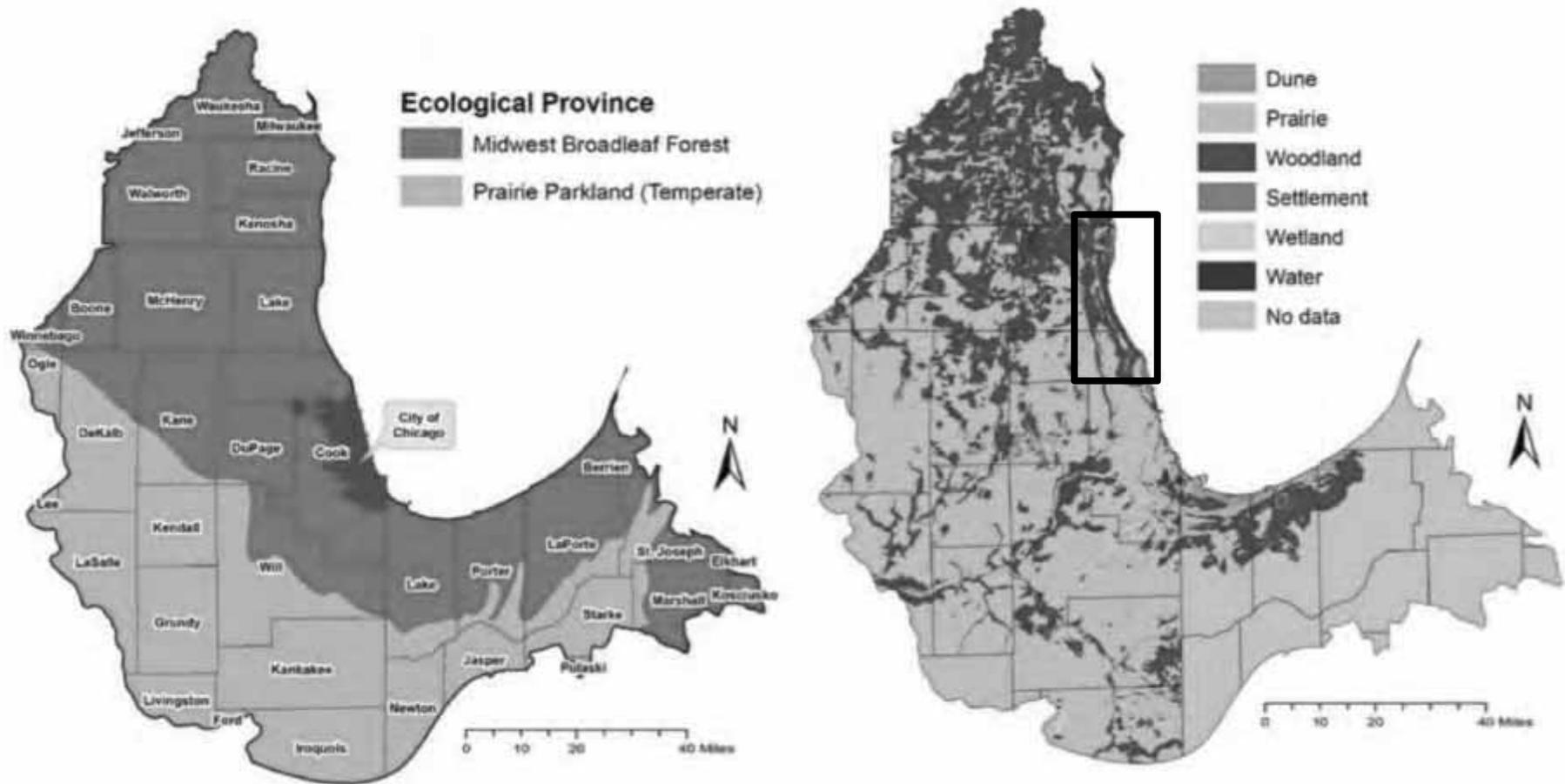
HOW HOMEOWNERS, LANDOWNERS,
AND INDIVIDUALS CAN CREATE A
BETTER FUTURE FOR OAK TREES



CHICAGO
REGION
TREES
INITIATIVE

Our Trees.
Our Communities.
Our Future.

There were high concentrations of Oak Woodland and Savanna in this Area



Issues: Loss of habitat, soil alteration, fire regimes, pollution, extreme weather events, invasive plants, insect pests, and diseases

Woodlawn and Lakefront Park



Many Oaks along Green Bay

Construction Near Oaks

Be careful when disturbing

Black oak (*Quercus velutina*)

Buckeyes (*Aesculus* spp)

Red oaks (*Quercus rubra*)

Scarlet oaks (*Quercus coccinea*)

Tolerates some disturbance

Hickories (*Carya* spp.)

Swamp white oak (*Quercus bicolor*)

Easygoing about disturbance

White oak (*Quercus alba*, Zones 5–9)

Add Directional & Informational Signage along Trail

Trail Marker Trees

Trail marker trees were created by Native Americans and early pioneers as forms of local navigation. While the Native Americans had a widespread trail system in place, the trail marker trees served as guideposts that led to and from specific places of interest, much like the interstate signage system does today. Such places included locations of fresh water, medicinal plants, hunting implements, tools, adornments, clothes, ceremonial sites, burial grounds and areas of storage.

The trees were shaped as young saplings, usually from hardwood species, to provide suppleness when young and rigidity and strength with age. The saplings were tied to a stake in the ground with rawhide or root over a yoke and weighed with a rock in a leather pouch, leaving the trunk of the tree completely horizontal.

Soon a new branch would sprout skyward from the new trunk; this would become the new upright trunk. The remaining upright portion of the tree extending past the upright trunk would be removed after approximately ten years. The removal would leave a distinctive knob at the bend of the tree that would indicate it had been shaped by the hand of man, not by nature. Single trunk trail trees usually indicated directions; double trunk trail trees indicated locations.



Photo of Henry Sachs (right) and Alvord, Linnwood Avenue, 1921

Photos provided by Dennis Downes, Great Lakes Trail Marker Tree Society and Glencoe Historical Society.

Glencoe and the surrounding area was once home to many trail marker trees. The Friends of the Green Bay Trail, Village of Glencoe, Glencoe Historical Society and Glencoe Park District collaborated on this project in an effort to recreate this piece of local history.

The North Shore Electric Line

Before you see remnants of the Chicago, North Shore and Milwaukee Railroad ("North Shore Line"). The square cement pillars hold the Harbor Street platform. The round bases supported the overhead electric power lines. Service on this interurban line began in 1899. Express trains along the Skokie Valley route reached 60 mph offering service from Chicago to Milwaukee in 90 minutes.

Mr. Alfred C. Frost, an investor and president of the original Chicago and Milwaukee Electric Railroad Company, wanted to create a destination to increase ridership. Ravinia, originally an amusement park, was founded in 1904 by A.C. Frost & Company. Metra (Union Pacific Railroad) provides a stop at Ravinia during the concert season.

Glencoe had stops at Scott, Woodlawn, Harbor, South, Hawthorn, Park, Lincoln and Maple Hill/Green Bay. New Trier students and commuters used the train daily.

North Shore Electric Line service ended in 1955 with the completion of the Edens Expressway. The Village of Glencoe acquired the right-of-way in 1964. Through the combined effort of North Shore residents, the old railroad became the Green Bay Trail you enjoy today.



*Front Street Streetcar near Maple Hill Road - 1900
Photo by B.W. Gilman - "Baker & Frost" collection*

For more information contact the Glencoe Historical Society.

The Village of Glencoe began in the 1830s with an inn for stagecoaches at what is now South Avenue

Altamano Inc.
landscape architecture + urban design + planning

SMP GROUP



Add “Play Together” Equipment Pods along the Trail

FRIENDSHIP SWING



OUTDOOR CARDIO WALKER



SPINNER



Some of the Potential Equipment

Add "Play Together" Equipment Pods along the Trail

CHEST BACK PRESS



AB CRUNCH/LEG LIFT DB



PULL UP DIG CYCLER



SQUAT PRESS



ASSISTED ROW



CARDIO STEPPER



ELLIPTICAL



Some of the Potential Equipment

Project Scale .53 Miles Approx. 2,800 Feet



More Than Seven and a Half Football Fields



Five Separate Parks and Six Road Crossings



What's Involved?

5 Separate Parks, each with its own distinct character, viewsheds, settings, and spatial relationships.

Six road crossings, a playground, Veterans Memorial, various gardens, historic artifacts and an urban forest with many mature (priceless) trees.

Issues within each park vary but drainage, current-use, potential-use, and relationship to residences are some of the most important.

Ravines and Site



Enhanced aerial shows ravines in darker colors

Drainage Blocked by Roads and R.R.

Lake Michigan





Existing Conditions Analysis

Major Arterial Nodes



Northern Gateway

Downtown Gateway

Existing Conditions Analysis

Effect of Rail Lines



Northern Gateway

Downtown Gateway

Existing Conditions Analysis

Only Crossings at Maple Hill and Park Avenue



Northern Gateway

Downtown Gateway

Existing Conditions Analysis

Connections to Sheridan Road



Existing Conditions Analysis

The Quad



Gateway
Veterans Memorial
Display Gardens
Oaks and Elms
Liza's Gazebo

Existing Conditions Analysis

Sculpture Garden The Quad



Breakwater
Sculpture
Oaks and Elms

Gateway
Veterans Memorial
Display Gardens
Arboretum
Liza's Gazebo

Existing Conditions Analysis

Lincoln & Crescent Sculpture Garden The Quad



Playground
 Topography
 Head of Ravine
 Open/Sunken Fields

Breakwater
 Sculpture
 Oaks and Elms

Gateway
 Veterans Memorial
 Display Gardens
 Arboretum
 Liza's Gazebo

Existing Conditions Analysis

Meadow Lincoln & Crescent Sculpture Garden The Quad



Wet Habitat
Volunteer Growth
Open Meadow

Playground
Topography
Head of Ravine
Open/Sunken Fields

Breakwater
Sculpture
Oaks and Elms

Gateway
Veterans Memorial
Display Gardens
Arboretum
Liza's Gazebo

Existing Conditions Analysis

N. Woodland Meadow Lincoln & Crescent Sculpture Garden The Quad



Woodland w/
Wet Areas

Wet Habitat
Volunteer Growth
Open Meadow

Playground
Topography
Head of Ravine
Open/Sunken Fields

Breakwater
Sculpture
Oaks and Elms

Gateway
Veterans Memorial
Display Gardens
Arboretum
Liza's Gazebo

Existing Conditions Analysis

N. Gateway Pk N. Woodland Meadow Lincoln & Crescent Sculpture Garden The Quad



Open Field
Volunteer Growth
Stone Walls
Takiff Center

Woodland w/
Wet Areas

Wet Habitat
Volunteer Growth
Open Meadow

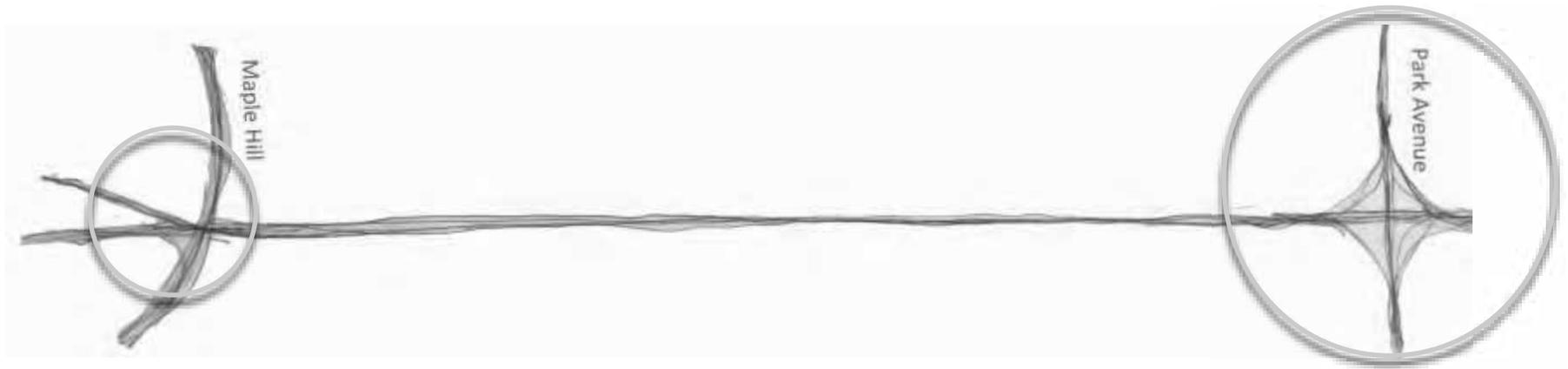
Playground
Topography
Head of Ravine
Open/Sunken Fields

Breakwater
Sculpture
Oaks and Elms

Gateway
Veterans Memorial
Display Gardens
Arboretum
Liza's Gazebo

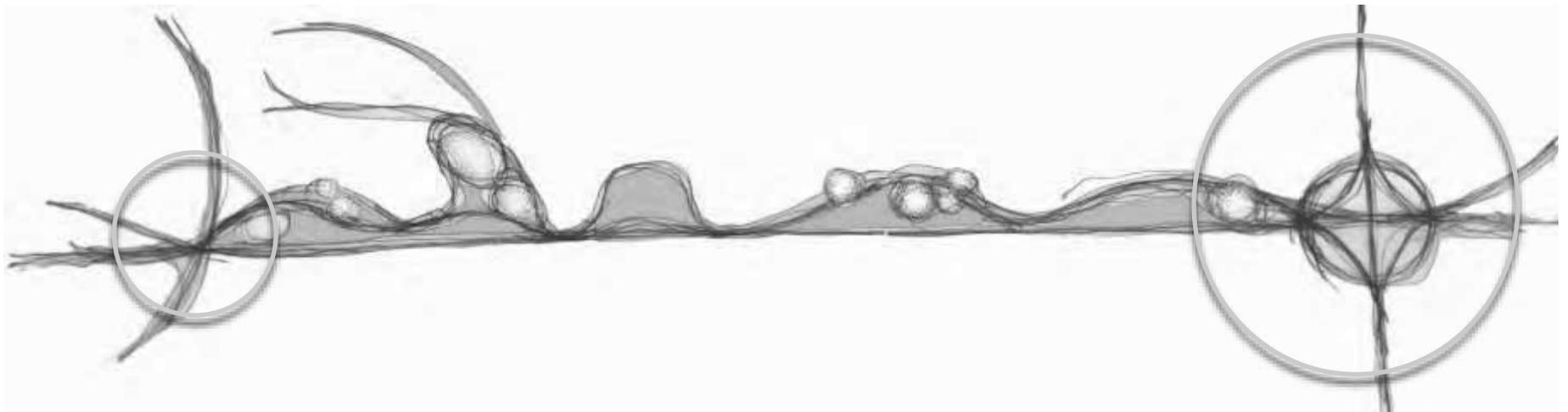
Existing Conditions Analysis

Existing Use of Trail, Most on Road or on Straight Sidewalk



Existing Conditions Analysis

Proposed : A Journey Through the Parks



You will be able to use the road or meander through the Parks and Visit Different Environments

Existing Conditions Analysis



“The Quad”

Existing Desire Lines (Like a University Quad)



Desire Lines lead to the Station and Downtown

“The Quad”



Northern Desire Line begins on Beach Road



Passes by Ancient Oaks



Desire Line leads to a Curb Cut & Diagonal Crossing (Issue for the Village)



People Cross on a Diagonal

Practical Recreational : Basketball



“The Quad”

However there is a Sacred Element



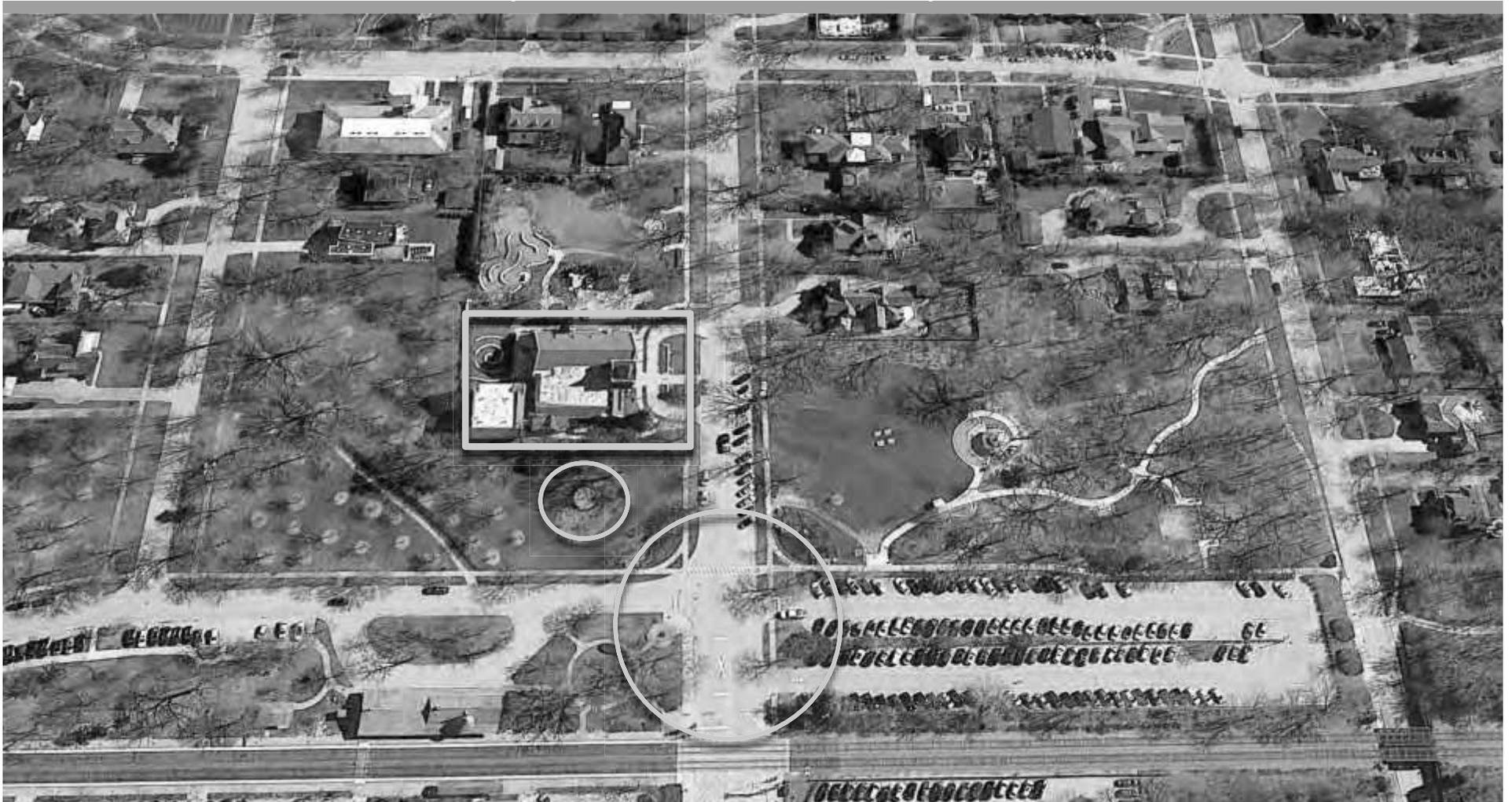
Entry

However there is a Sacred Element



Entry, Veterans Memorial,

However there is a Sacred Element



Entry, Veterans Memorial, Church,

However there is a Sacred Element



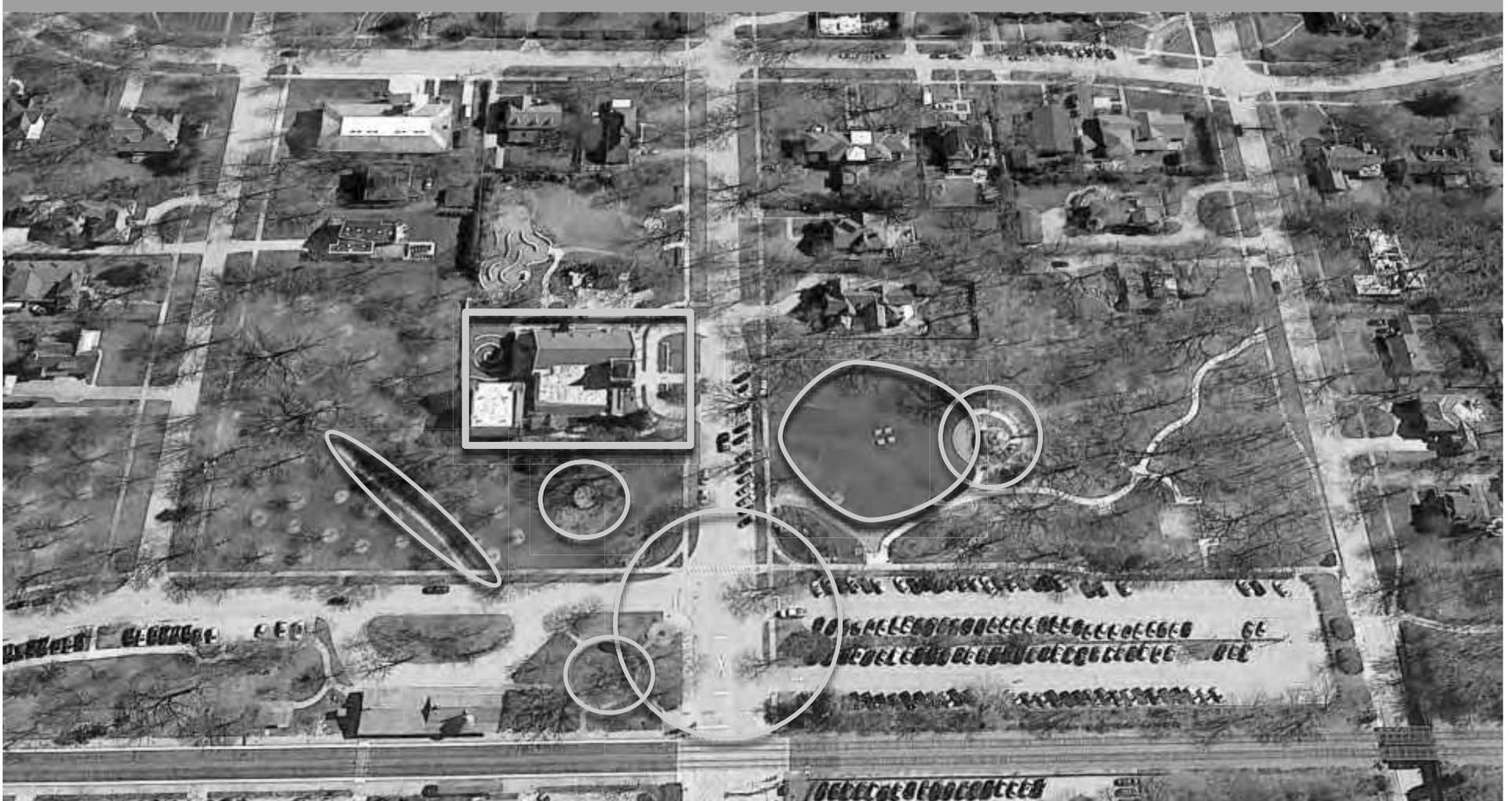
Entry, Veterans Memorial, Church, Liza's Gazebo,

However there is a Sacred Element



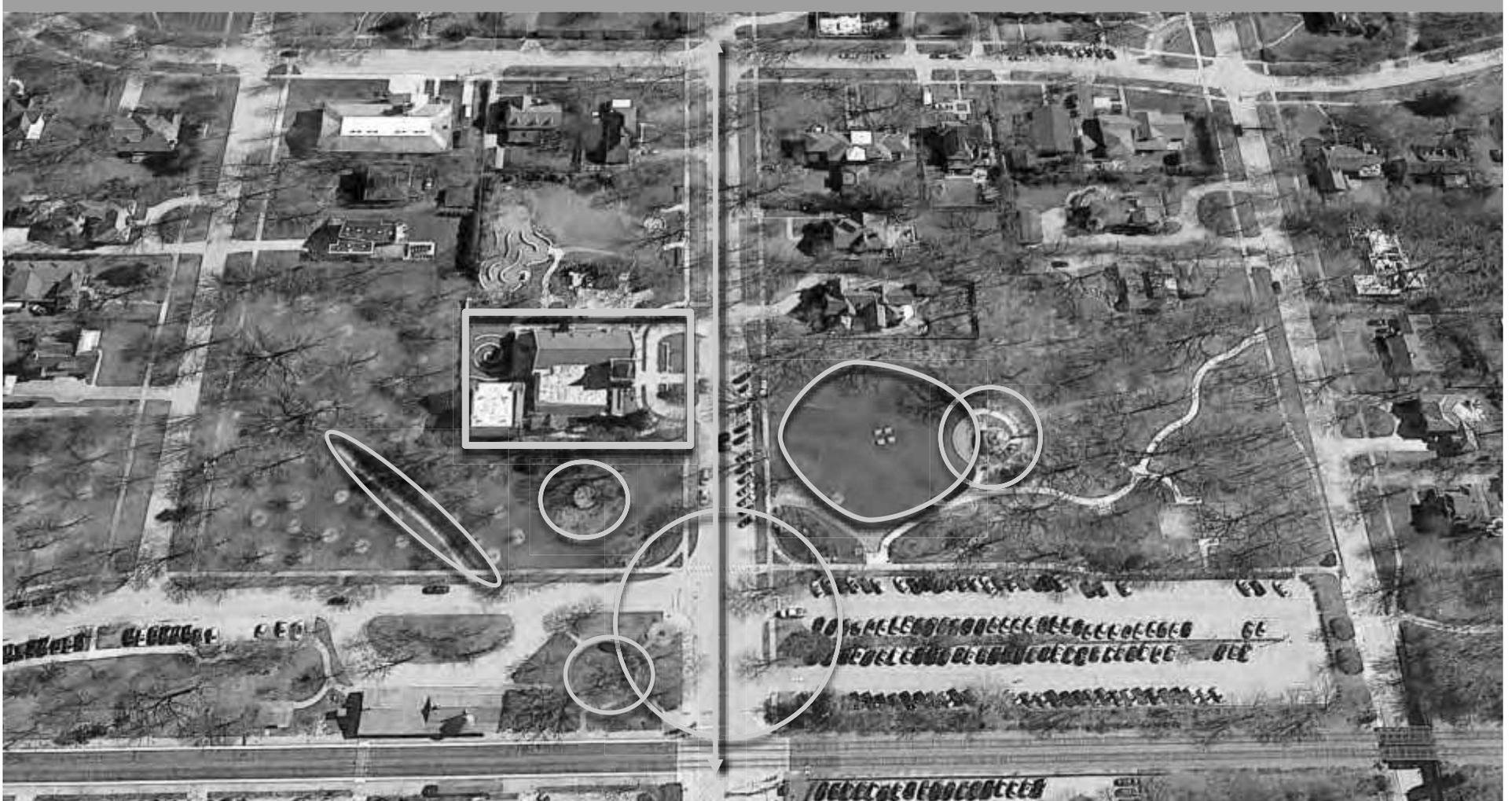
Entry, Veterans Memorial, Church, Liza's Gazebo, Gardens,

However there is a Sacred Element



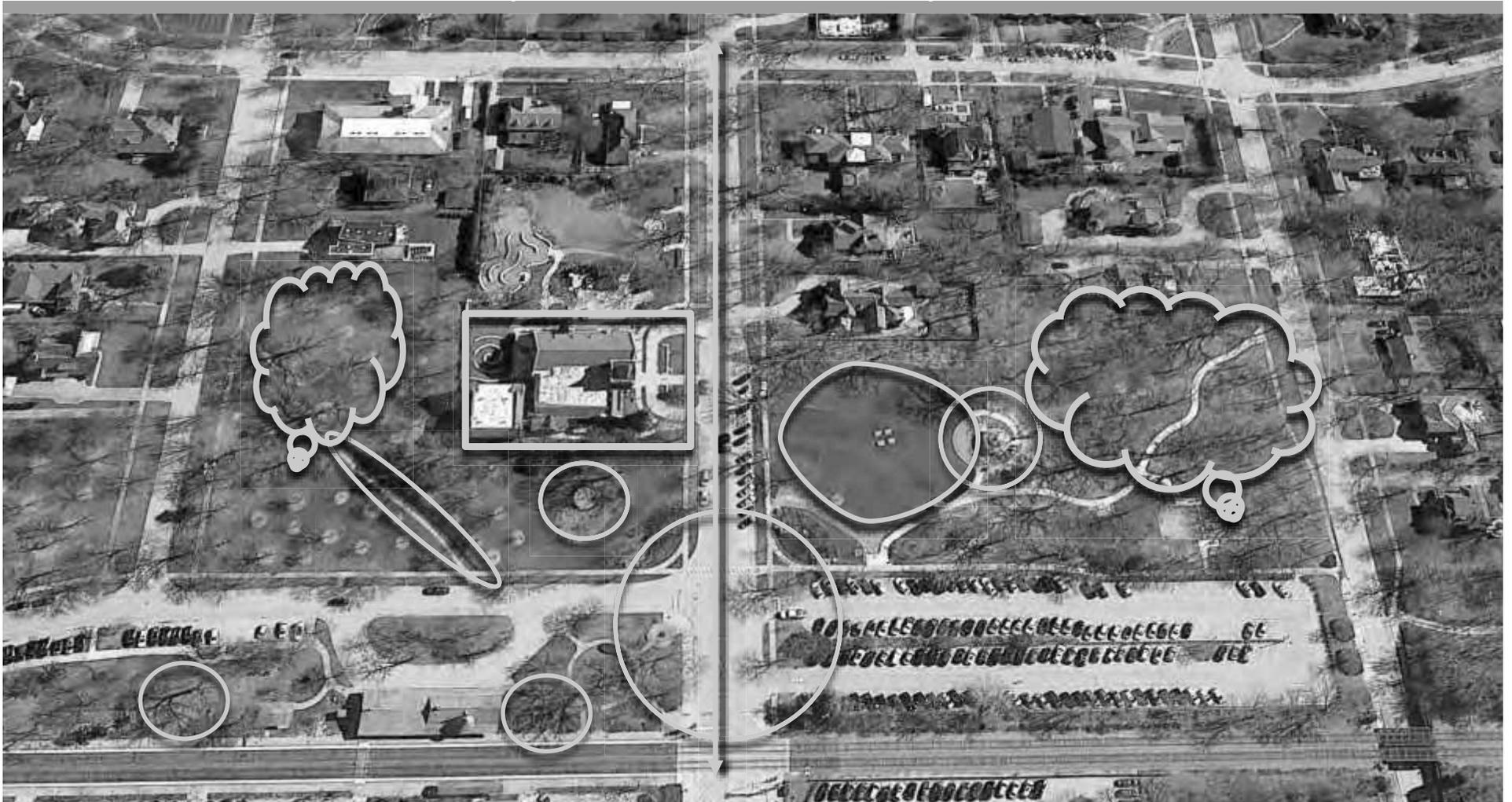
Entry, Veterans Memorial, Church, Liza's Gazebo, Gardens,
Community Gathering,

However there is a Sacred Element



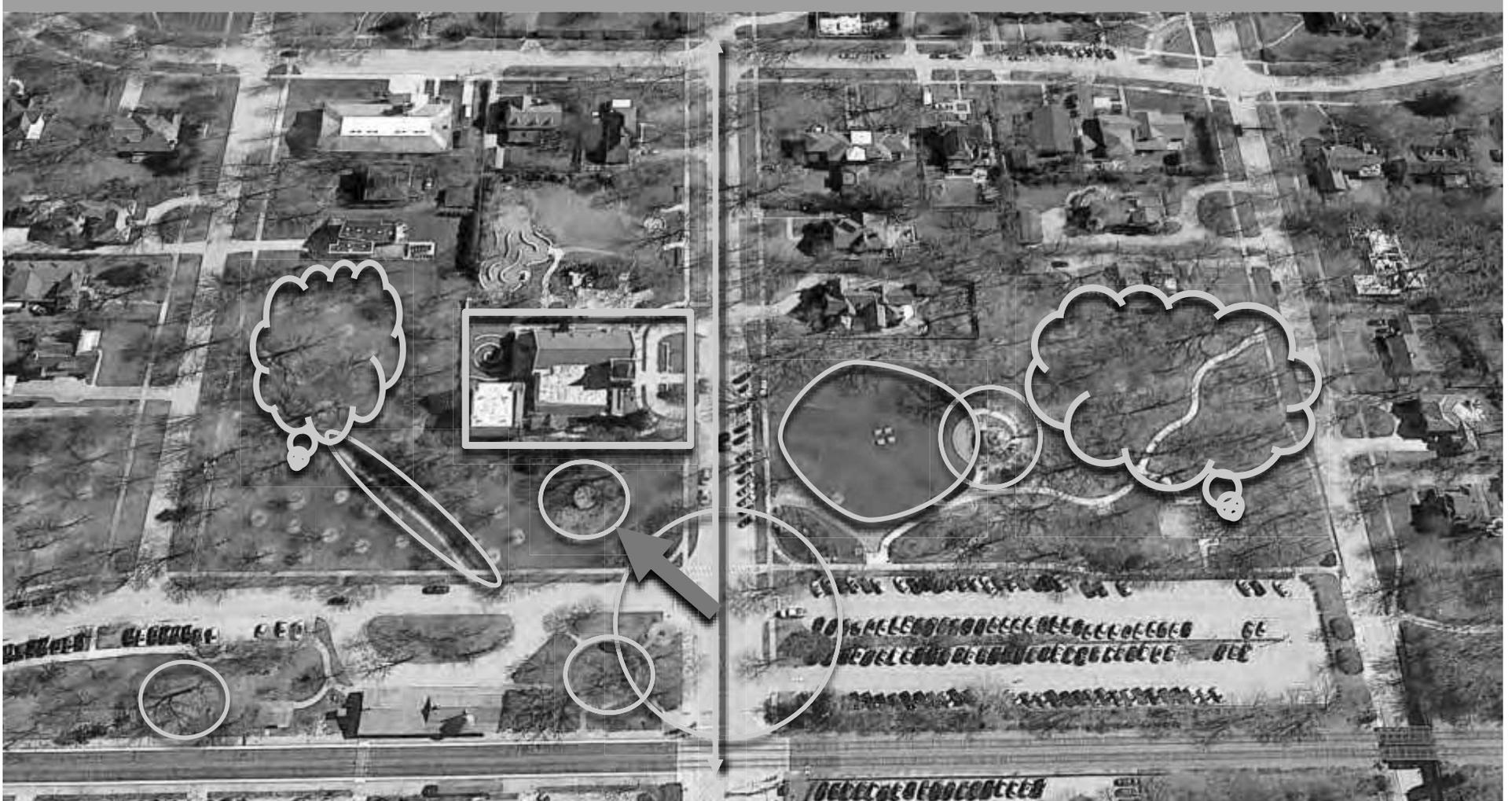
Entry, Veterans Memorial, Church, Liza's Gazebo, Gardens,
Community Gathering, Link to the Lake/Downtown

However there is a Sacred Element



And Superb Oaks and other Mature Trees

Scope is From Park Avenue North



Start with Entry and Veterans Memorial



Gateway Planting on Park Avenue

Attractive Planting and Stone Walls but Domestic in Scale



Gateway Planting on Park Avenue



Existing Stone Walls and Veterans Memorial



Existing Stone Walls and Veterans Memorial

Altamanu Inc.
landscape architecture + urban design + planning

SMP GROUP

GLENCOE
PARK DISTRICT



Attractive Up Close



Veterans Memorial Hidden and No ADA Access



Sacred Element



Veterans Memorial Hidden by Planting



Existing



Proposed Entry and Veterans Memorial

Expose Stonework, Keep Some Area for Flower Display, Provide Views to Memorial, Complete Mound, Add Walls



Planting Hides Memorial



Existing View to Memorial from Green Bay



Proposed View of Expanded Memorial from Old Green Bay



Proposed Access Point for ADA Ramp



Existing Veterans Memorial



Proposed: Accessible, Dignified

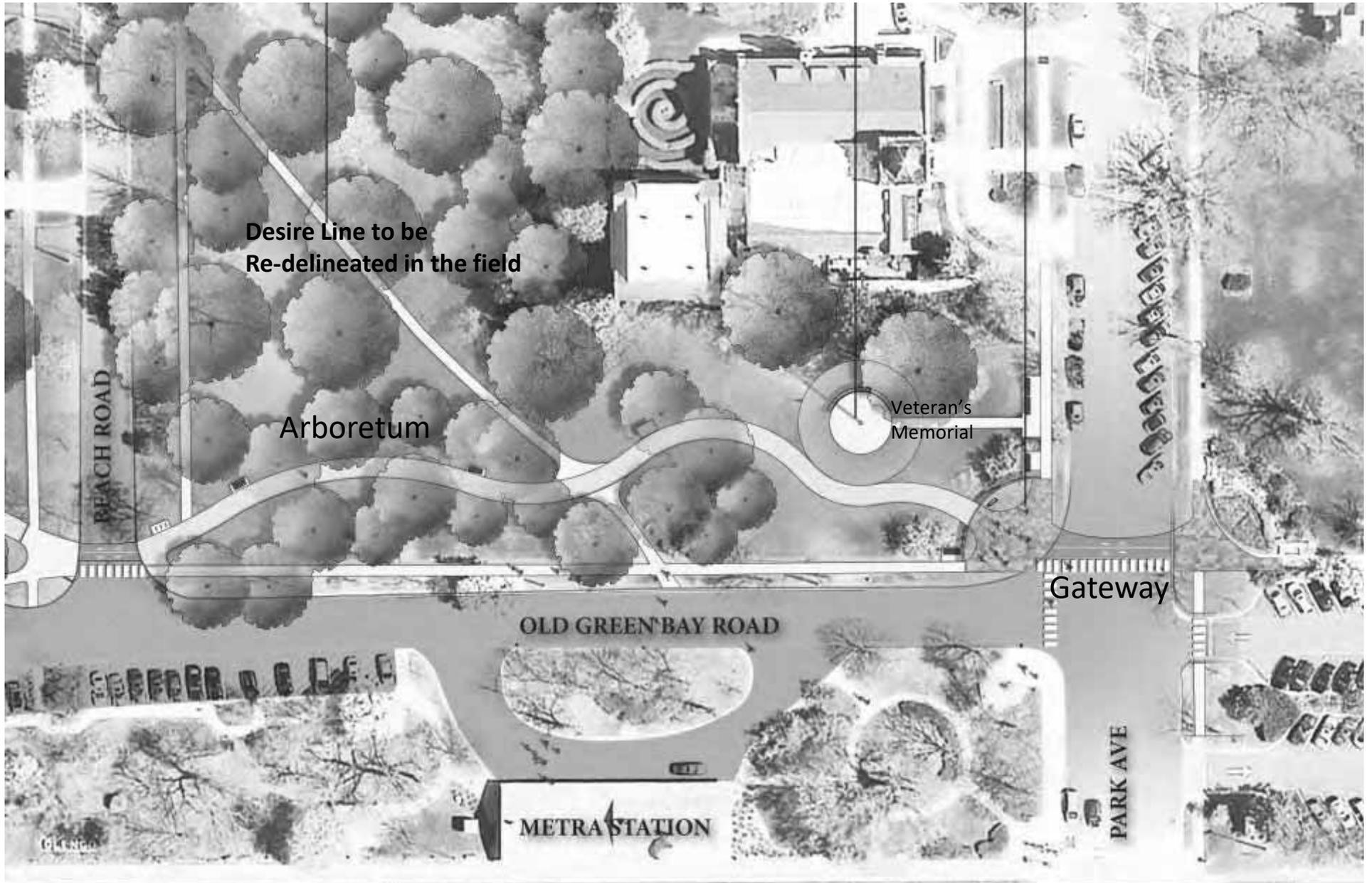


The Rose Garden

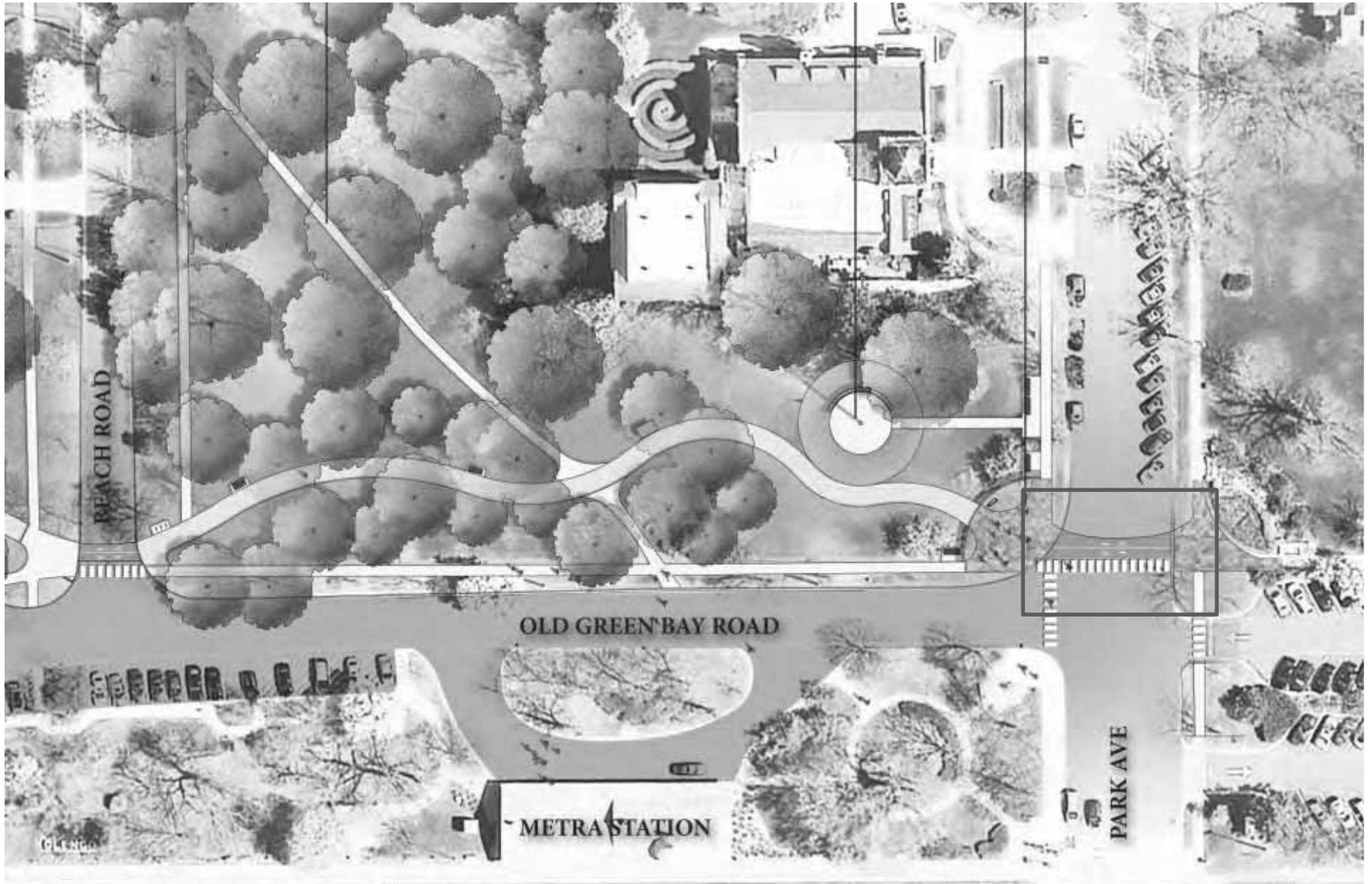


High Maintenance & Deer enjoy the Flowers





The Proposed Plan for the Quad



The Proposed Plan for the Quad

Sculpture Garden The Quad

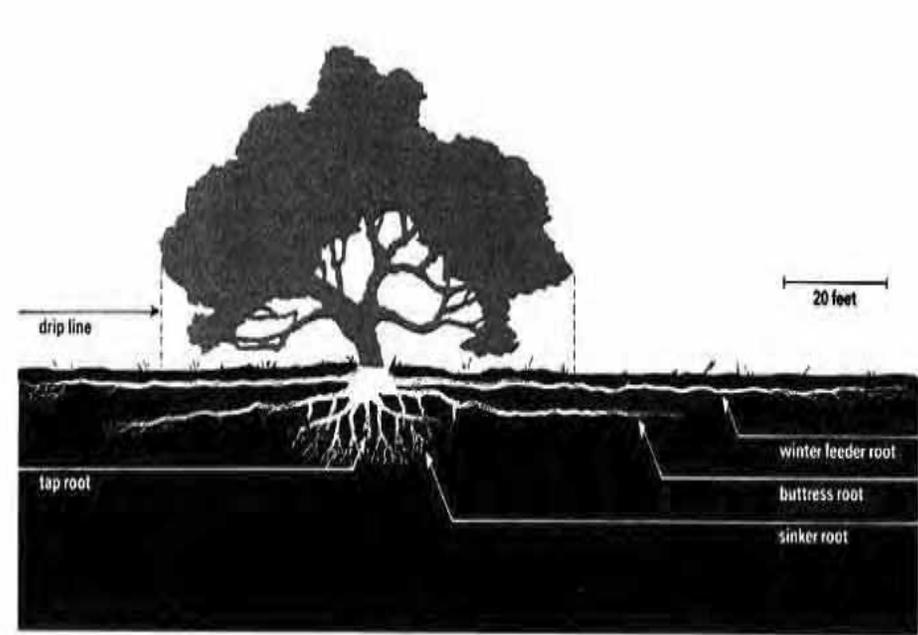


Breakwater
Sculpture
Oaks & Elms

Gateway
Veterans Memorial
Display Gardens
Oaks Set Back
Band Shell

Existing Conditions Analysis



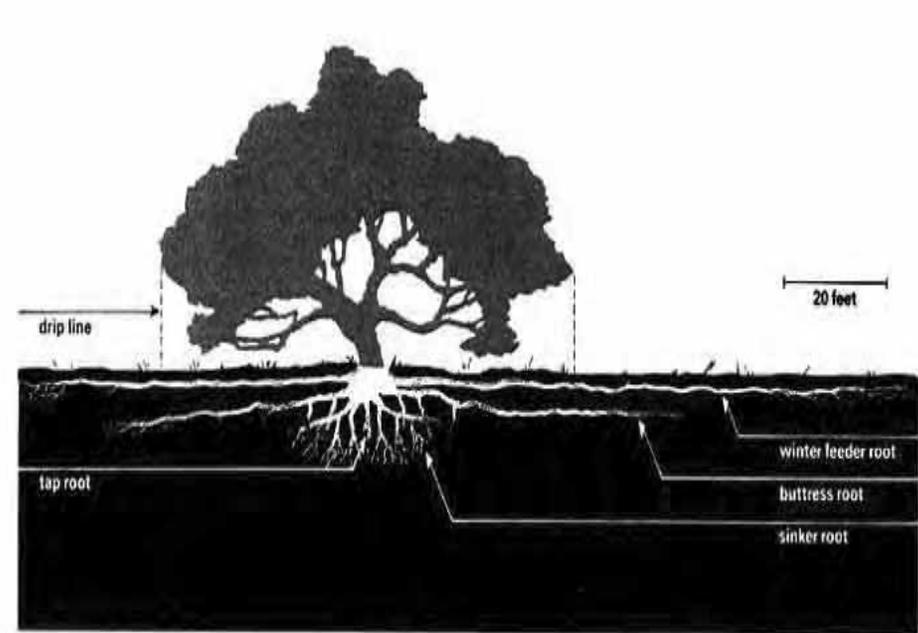


Most (90 percent) of the root biomass is located in the upper two feet of the soil profile (Shields and Gray 1994; UC extension pamphlet).

Sculpture Garden



Image on the left is misleading



Sculpture Garden



Do not wish to Damage
Mature Oaks and Elms



Proposal 1: Swing Path East To Open Space and Younger Trees



Swing Path East : To Open Space and Younger Trees



Plenty of Space





Then back again to the West





Proposal 2 : Hug the Sculpture

View from the North







Add Root Aeration Matting to Elm



Example Root Aeration Matting



Remove Soil, add Crushed Gravel & Geotech Blanket



Add Sculpture : But be Restrained in Choices and location
Could be Rotating Pieces on-loan

Add Sculpture Over Time



Work of Sophie Ryder



Add Sculpture Over Time



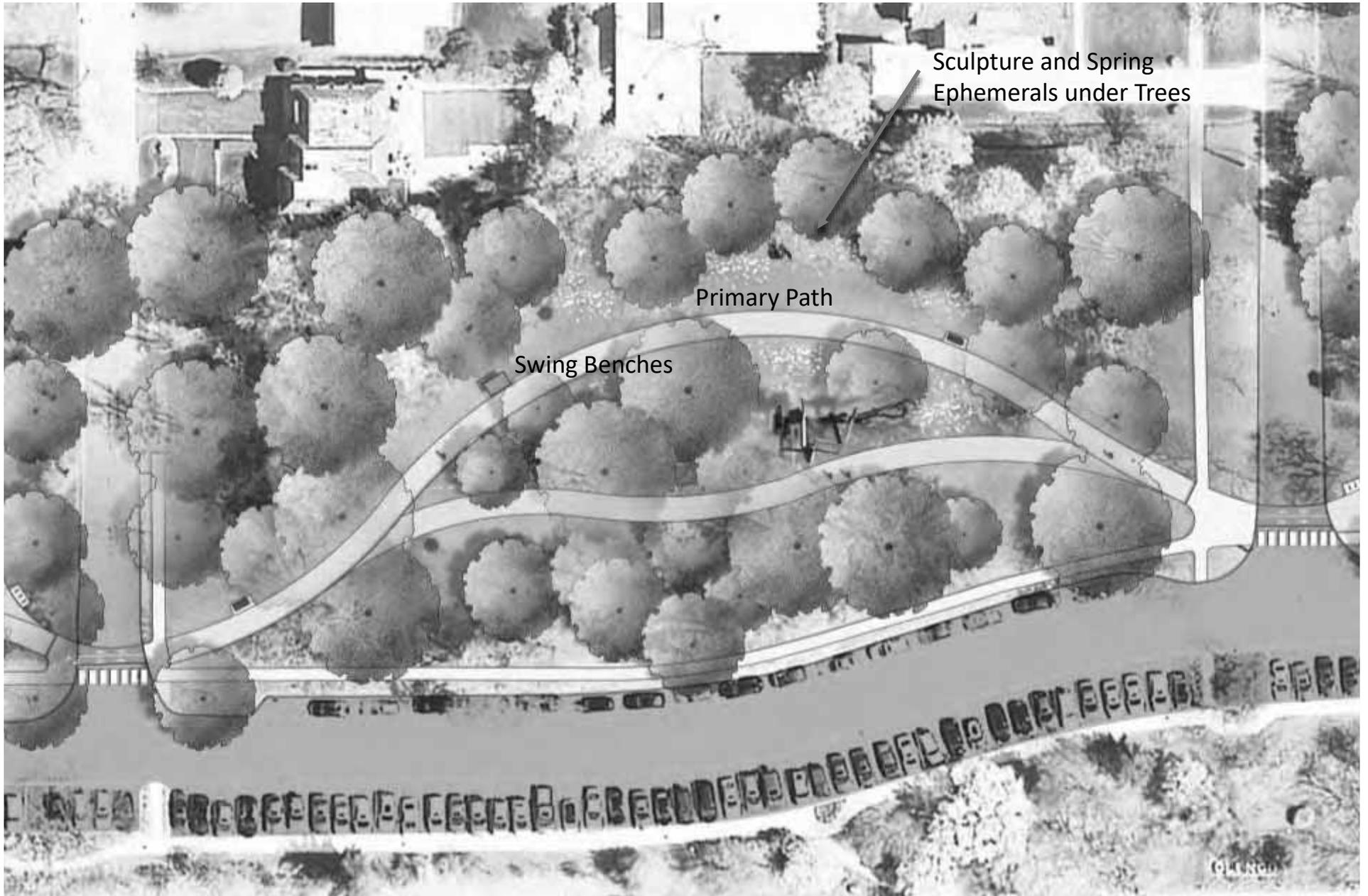


Add Select Spring Ephemerals Mow after Flowering



Example Mills Park

Example of Spring Ephemerals, but we would use Natives



Proposed Plan for Sculpture Garden

Altamanu Inc.
landscape architecture • urban design • planning

SMP GROUP

GLENCOE
PARK DISTRICT

Lincoln & Crescent Sculpture Garden The Quad



Playground
 Topography
 Head of Ravine
 Open/Sunken Field

Breakwater
 Sculpture
 Oaks and Elms

Gateway
 Veterans Memorial
 Display Gardens
 Arboretum
 Liza's Gazebo

Existing Conditions Analysis

Ravines and Site



Lincoln and Crescent

Project Site and Drainage



Lincoln and Crescent

Project Site and Drainage



Lincoln and Crescent



Lincoln Dennis (Sunken Garden)

Altamanu Inc.
landscape architecture • urban design • planning

SMP GROUP

GLENCOE
PARK DISTRICT



Lincoln Dennis: Open Space



Lincoln Dennis



Lincoln Dennis : Drainage Issues



Lincoln Dennis: Use Topography



Lincoln Dennis: Looking South



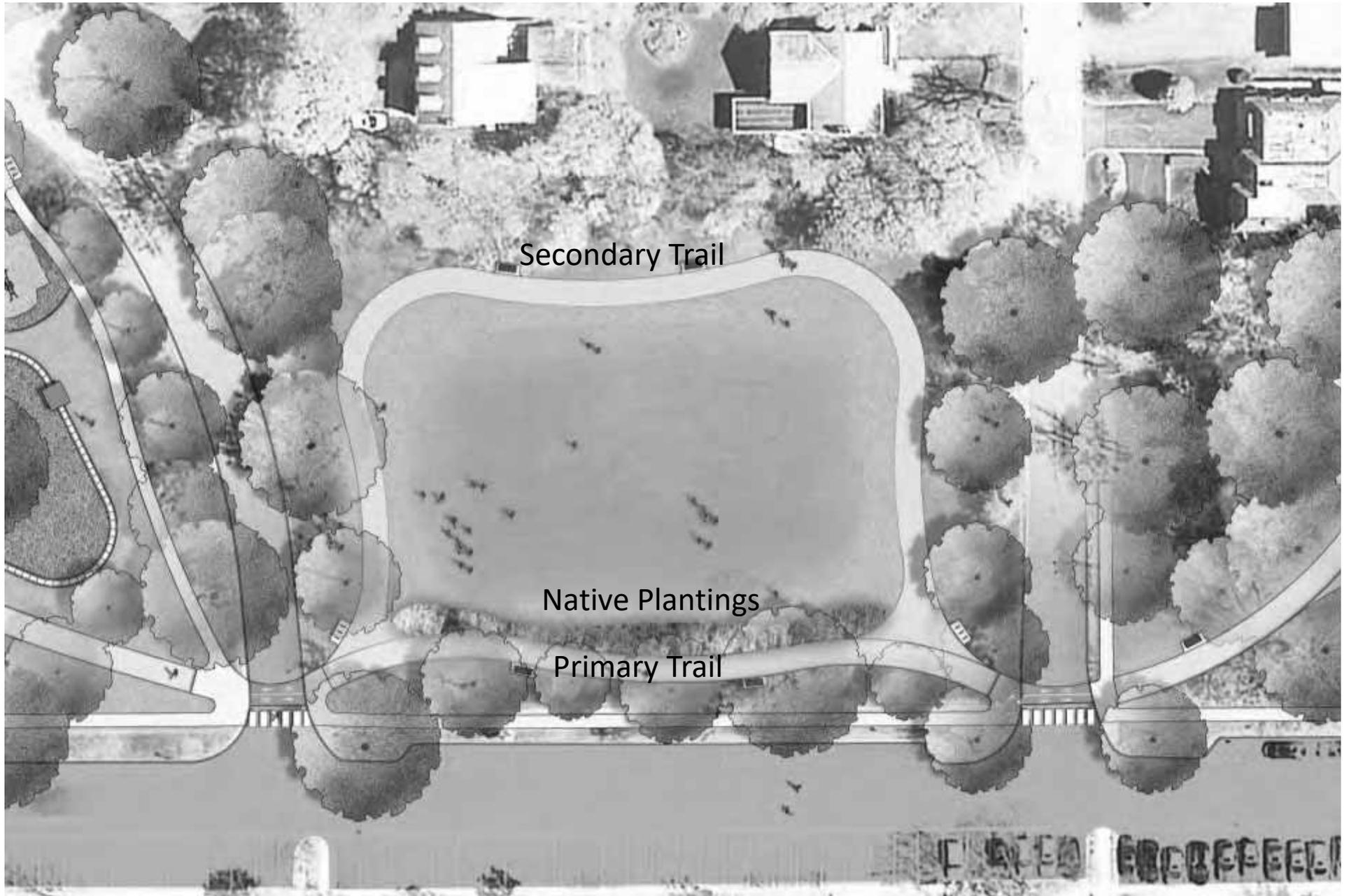
Use Topography, Add Native Planting, Add Drainage



Maintenance:

Turf Grass = **2.8 cents** / Sq. Ft. / Year

Natural Area = **16.2 cents** / Sq. Ft. / Year



Secondary Trail

Native Plantings

Primary Trail

Proposed Plan Sunken Garden



Lincoln Crescent



Playground



Path doesn't follow Lincoln



Path doesn't follow Lincoln



View from Old Green Bay



View from Field looking North



View from Old Green Bay



Slope of Ravine

View from Field looking North

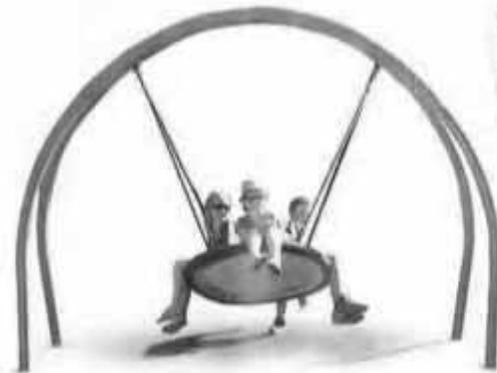
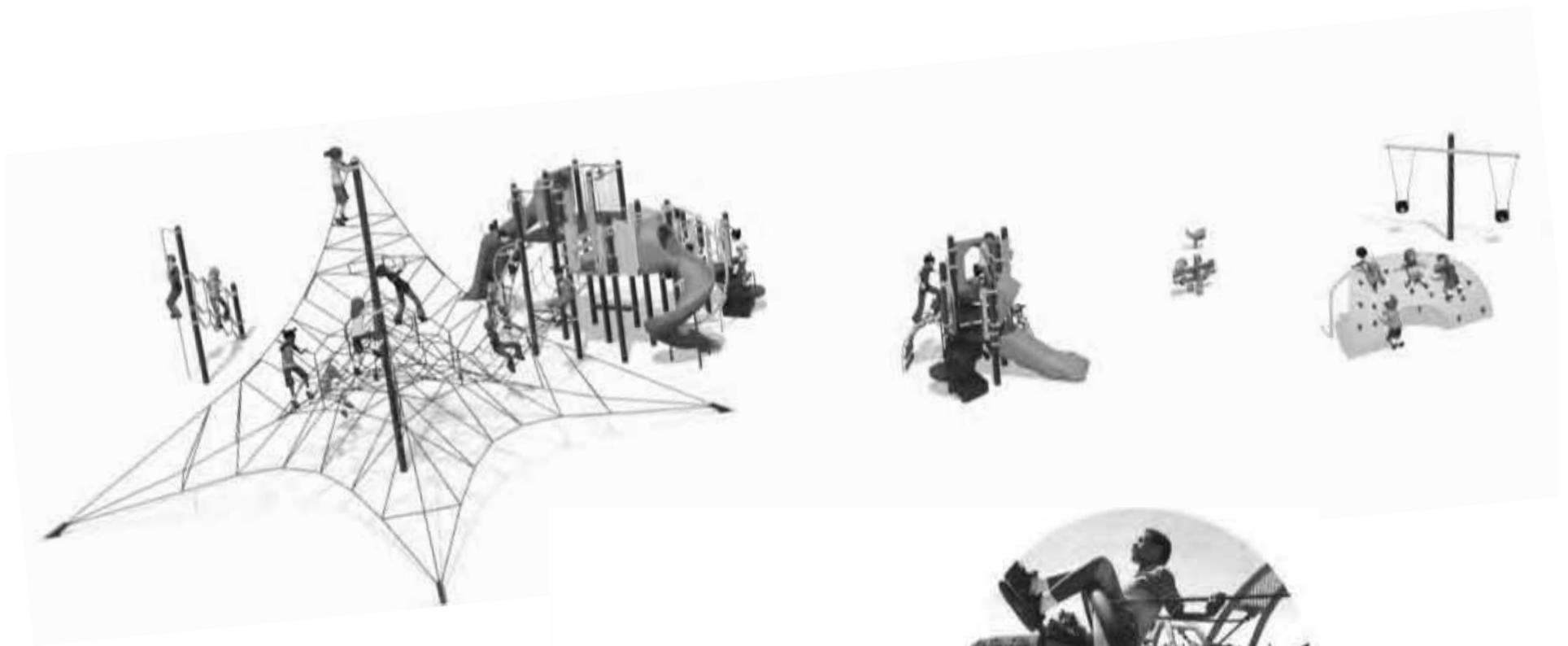


Existing Playground on Rise

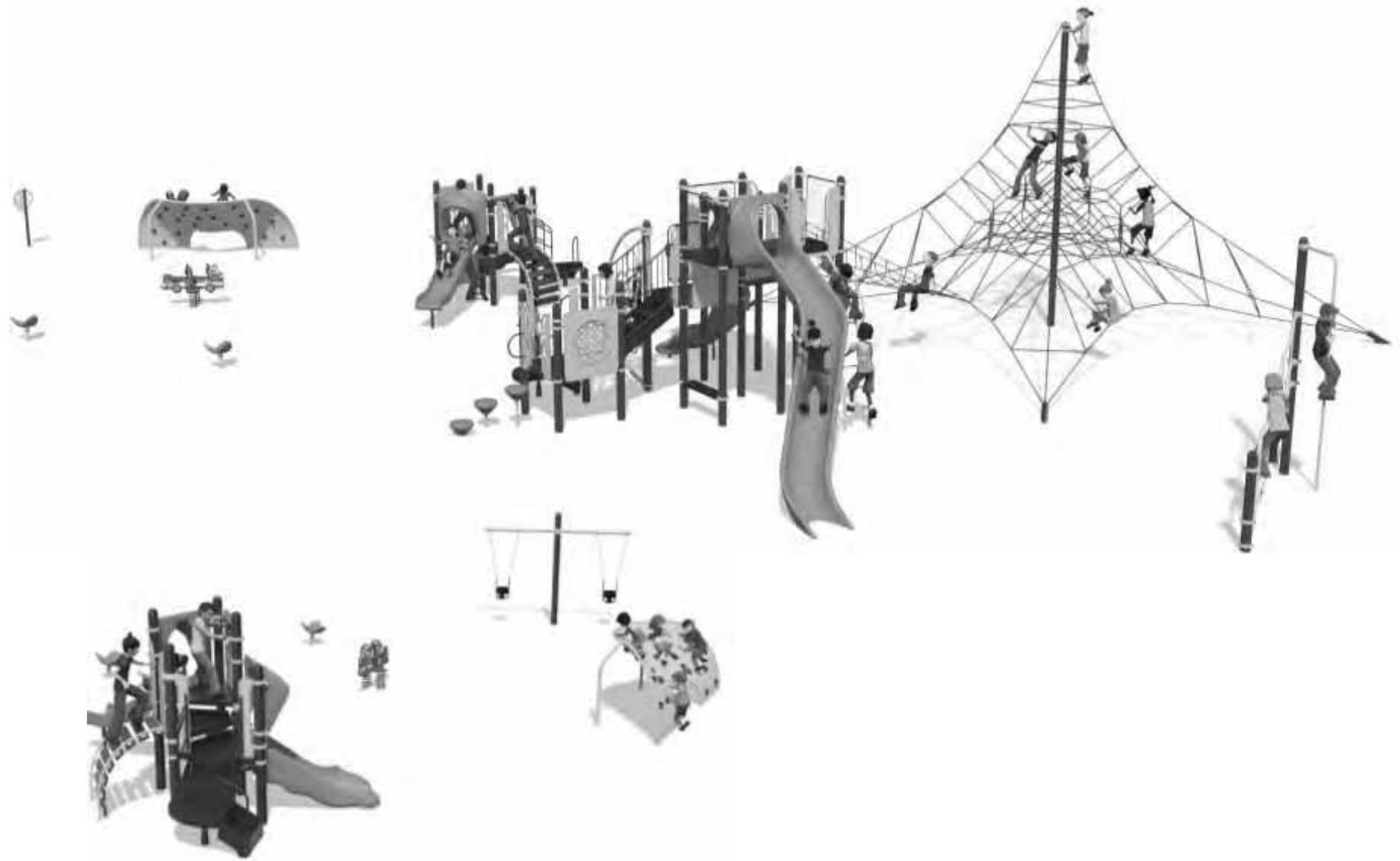
Make use of the Slope as at West Park



Playground



Potential Play Equipment



Potential Play Equipment

Other Potential Additions



Potential Interactive Fountain, Small in Scale

Worked on similar at Field & Fred Anderson Parks



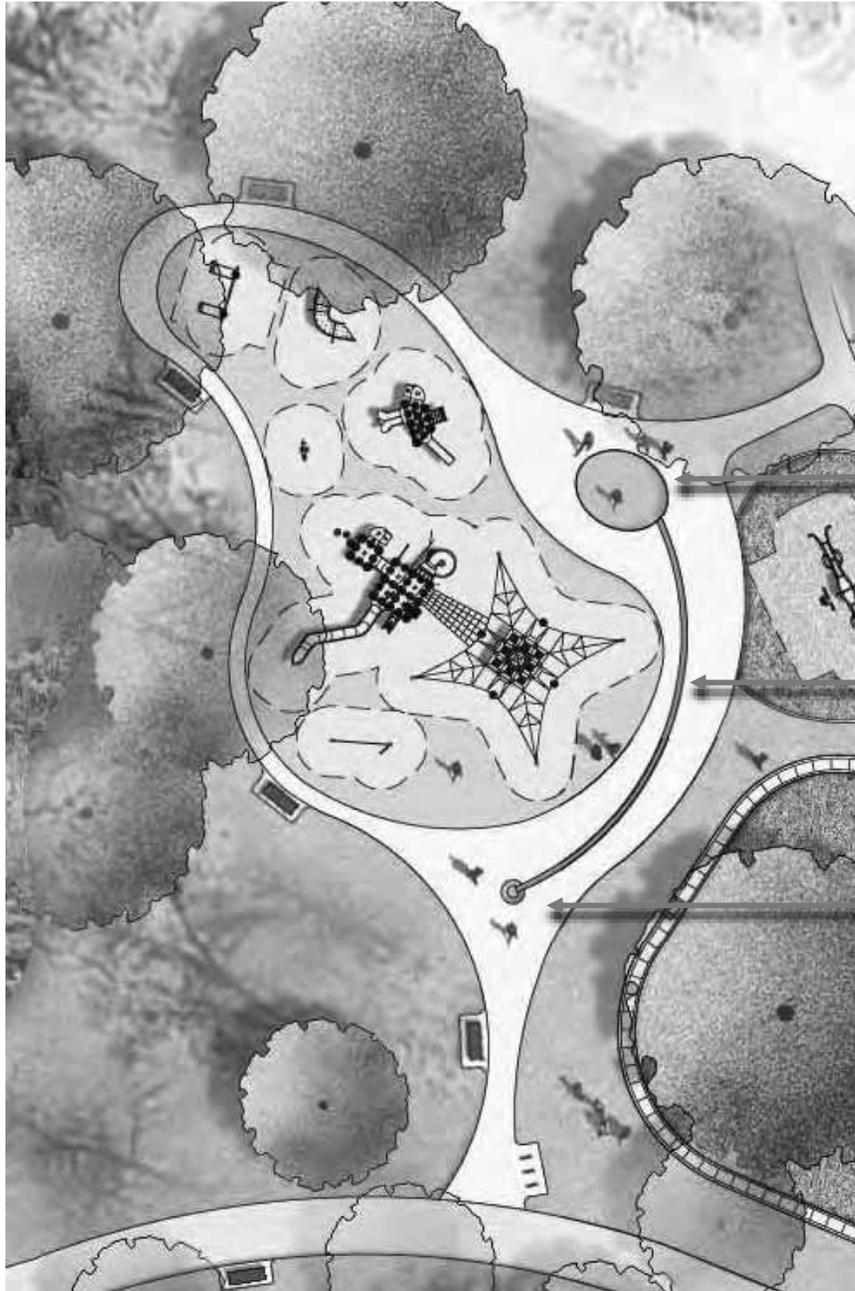
Discovery Garden Oak Park Conservatory



Discovery Garden Oak Park Conservatory



Discovery Garden Oak Park Conservatory



Interactive Water Feature

Runnel, runs down slope

Pool (connect to wet meadow planting
and existing storm water catch basin)

Bring Both Concepts Together

Other Potential Additions

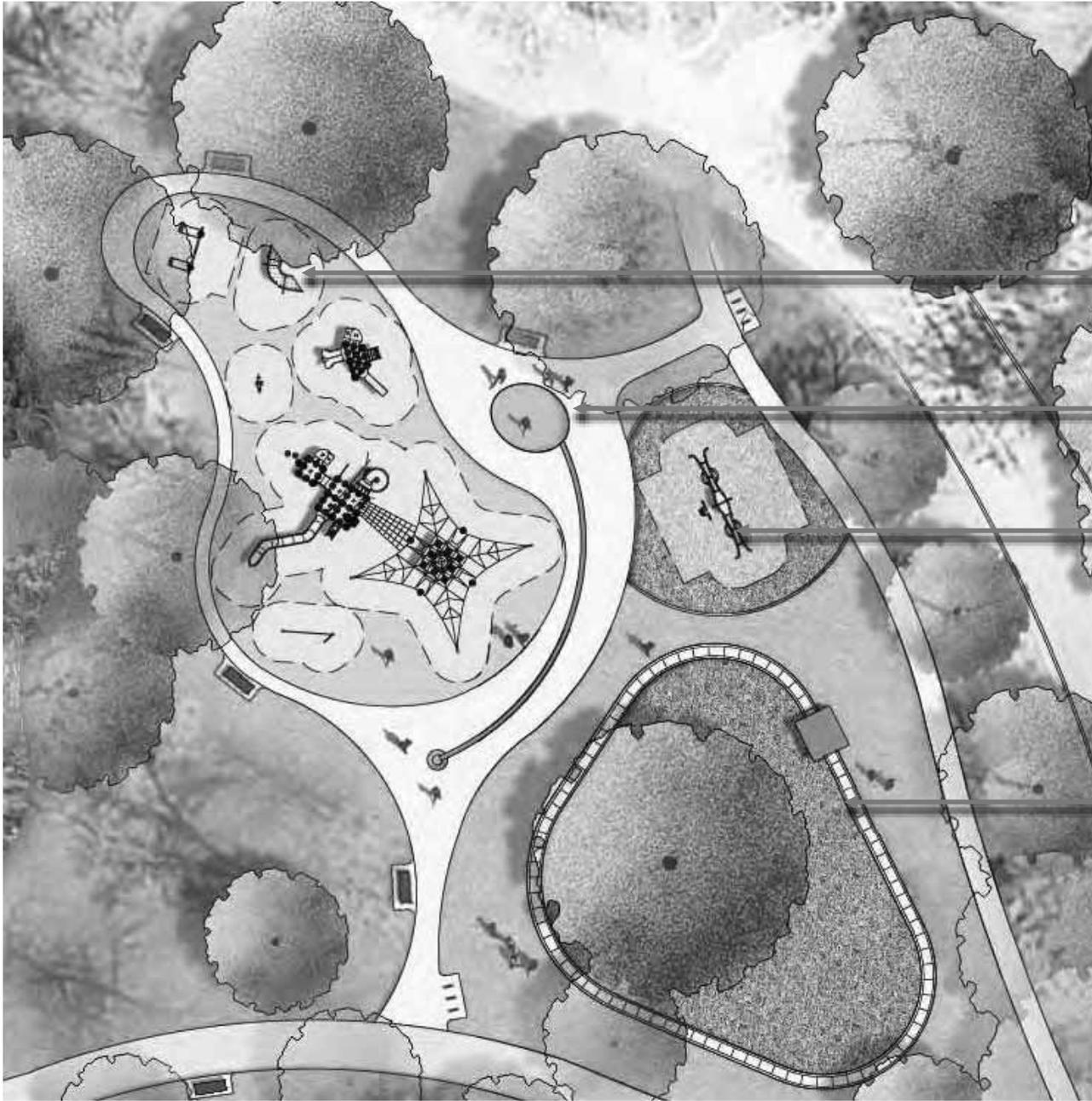


Example : Hand Driven Train

Children can be Assisted



Example : Hand Driven Train



Main Playground

Water Fountain

Group Swings

Hand Driven Train

Potential Hand Driven Train



Proposed Plan Lincoln Crescent

Meadow



Wet Habitat
Volunteer Growth
Open Meadow

Existing Conditions Analysis



Pinch Point to Walden



Pinch Point



Dry, Drains to East



Opens Up but Slope Diminishes

Altamanu Inc.
landscape architecture + urban design + planning

SMP GROUP

GLENCOE
PARK DISTRICT



Wet Meadow





Wet Meadow Native Planting

Or Keep it Simple, with One or Two Plant Species



Mills Park

Example Grasses

We hope multi-use path will be used by all ages
a fence may be required in some areas



Taylor Park Oak Park

Could be behind Fence



However, it will revert to this without proper maintenance



Native Planting Along Edge

Play together pod

Play together Pod

Meadow and Wet Meadow

Woodland
Discovery



Woodland w/
Wet Areas

Existing Conditions Analysis



Woodland Discovery



Two Large Copse of Trees



Direction to Team

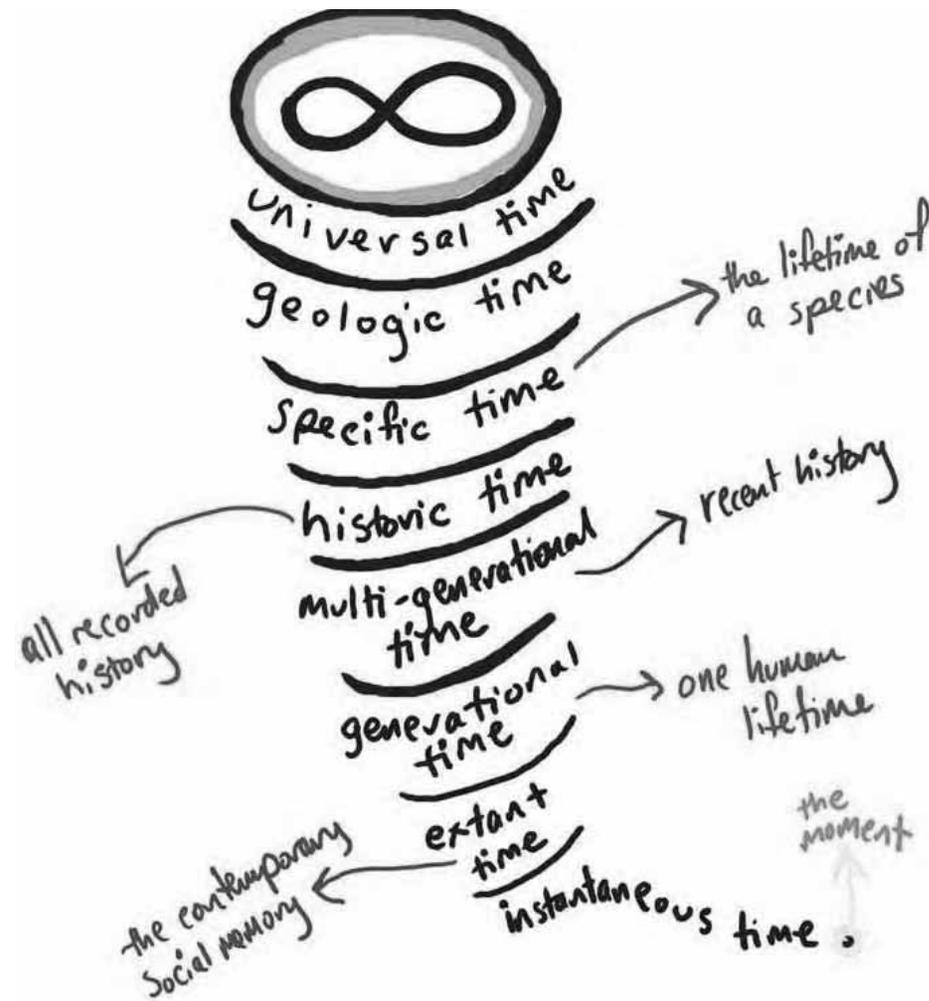
- Create something Unique
- Something inspired by Nature
- Can be used for Fund Raising
- Can be Expanded Over-Time

Woodland Discovery

-
- Create something Unique
 - Something inspired by Nature
 - Can be used for Fund Raising
 - Can be Expanded Over-Time

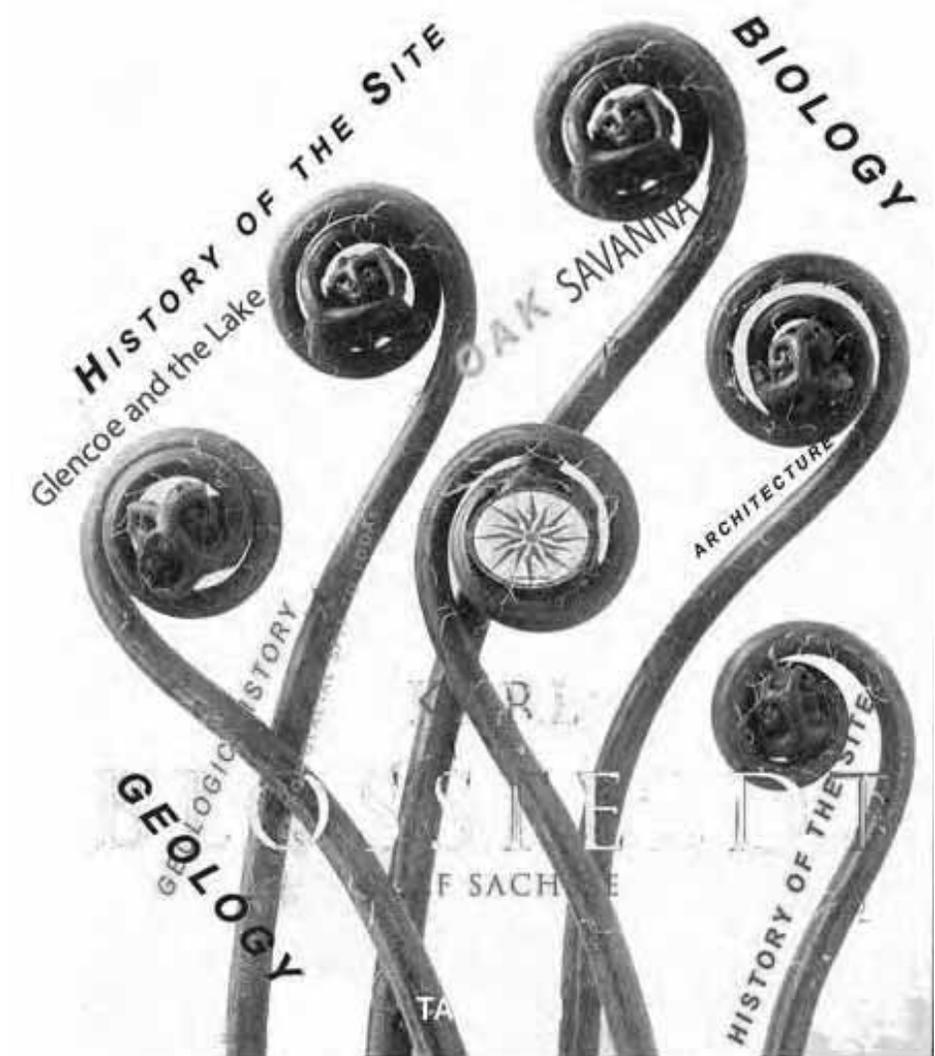
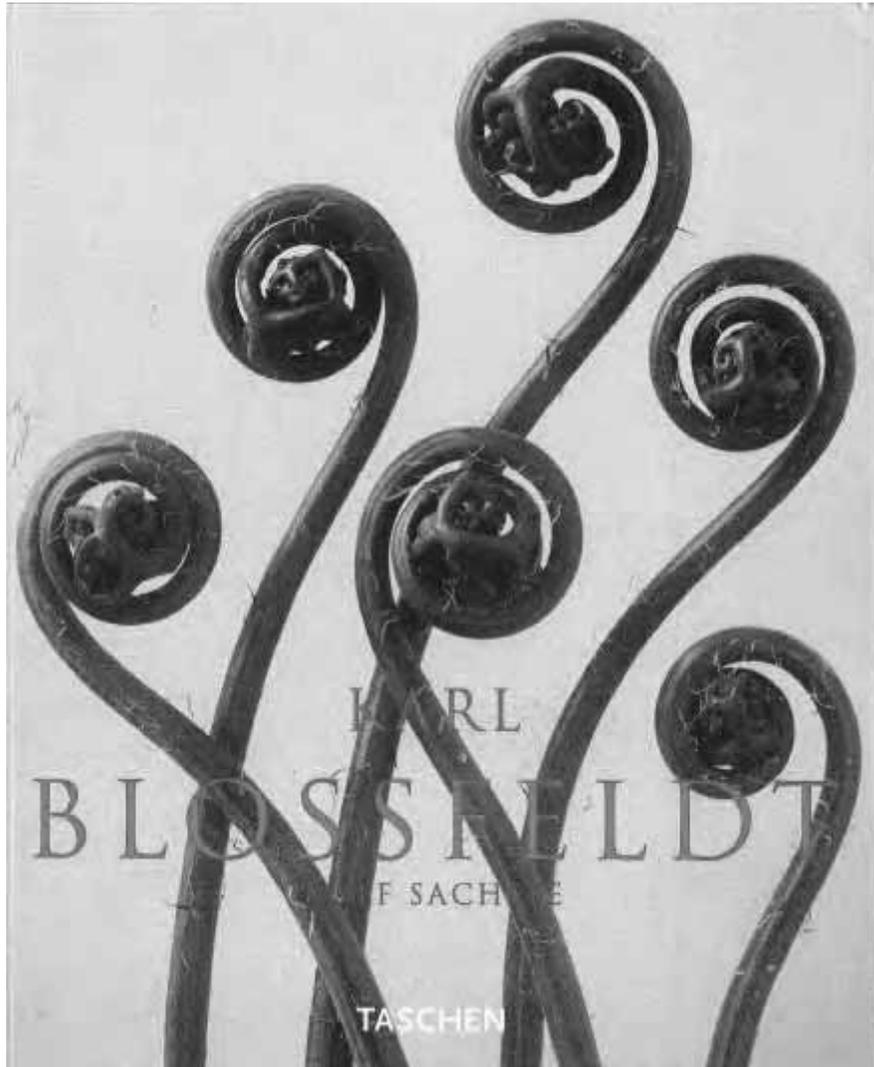
Create a Labyrinth & Tell The Story of Glencoe

Lines in the grass each with a different timeline and different local info?



Woodland Discovery

Inspiration from Nature and Karl Blossfeldt



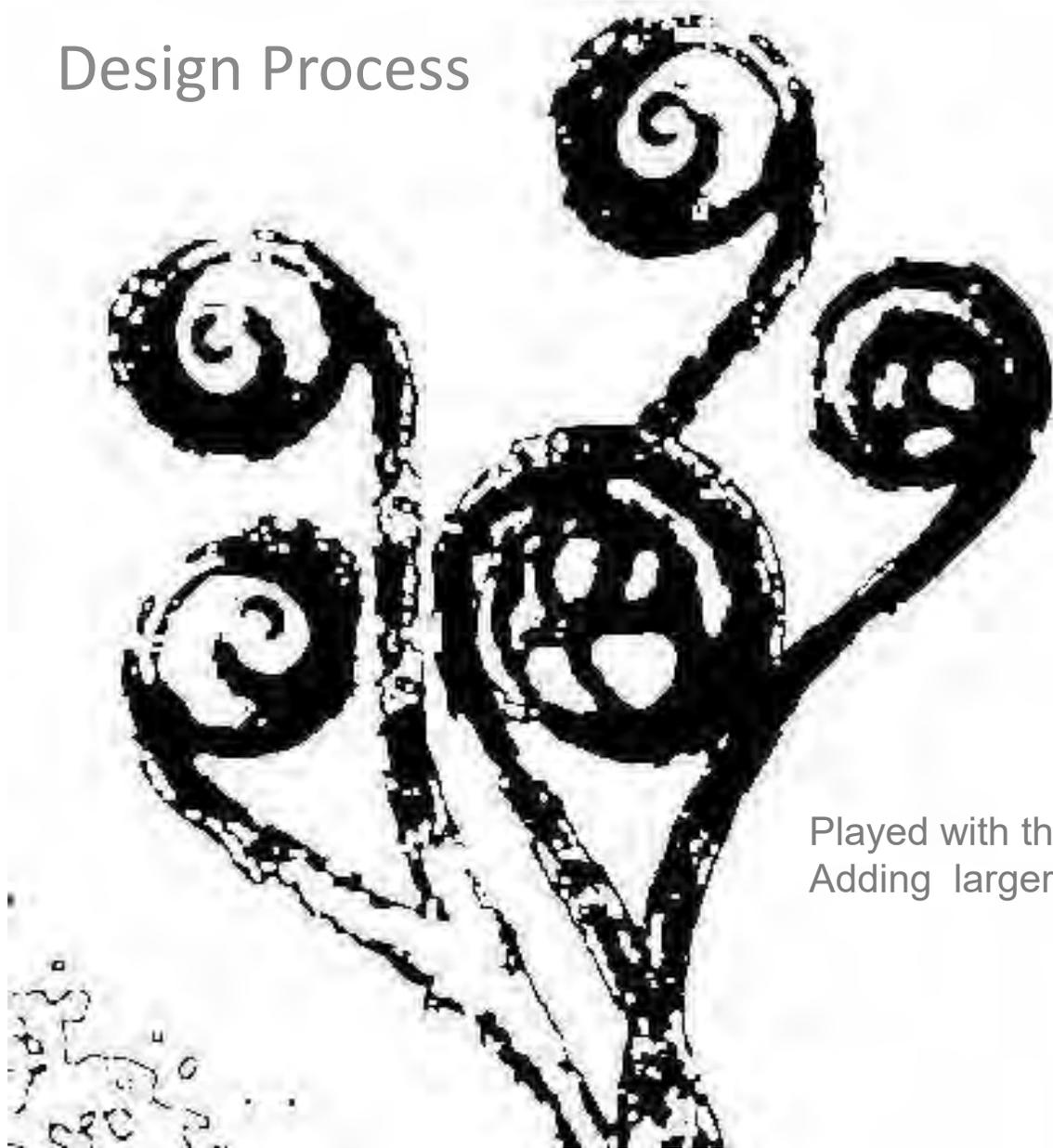
Woodland Discovery

Imagine Flat on Ground



Woodland Discovery

Design Process



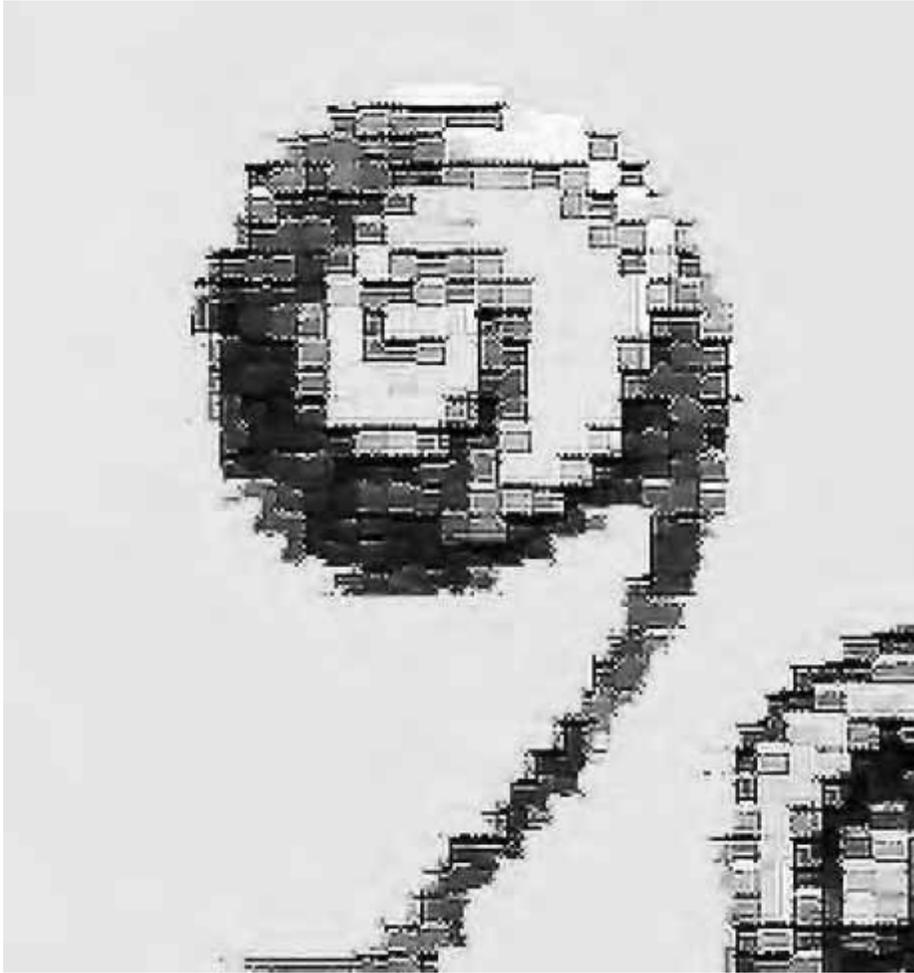
Played with the Image
Adding larger Central section

Woodland Discovery

Design Process : Pixelate and Make into Rectangles



Design Process : Can be any size and of any complexity
(Scale Invariance: Pattern Applies at all Scales)



However, Would it be a Labyrinth or a Maze?



Woodland Discovery

However, Would it be a Labyrinth or a Maze?

Or is it a Maze?

A **maze** is a complex branching (multicursal) puzzle that includes choices of path and direction, may have multiple entrances and exits, and dead ends.

A **labyrinth** is unicursal i.e. has only a single, non-branching path, which leads to the center then back out the same way, with only one entry/exit point

You Judge

Woodland Discovery

However, Would it be a Labyrinth or a Maze?

Multicursal and Unicursal

Multicursal labyrinth form contains many false turns and dead ends.

Unicursal labyrinth has only one entrance, may twist and turn, BUT there are no false turns, and if the walkers stay on the path, they will eventually find themselves in the center.



Example Labyrinth: Mills Park : A single Journey
"Unicursal"

Altamanu Inc.
landscape architecture • urban design • planning





Glencoe's (Multicursal) Labyrinth



Woodland Discovery

Glencoe's (Multicursal) Labyrinth



Woodland Discovery

Altamanu Inc.
landscape architecture + urban design + planning



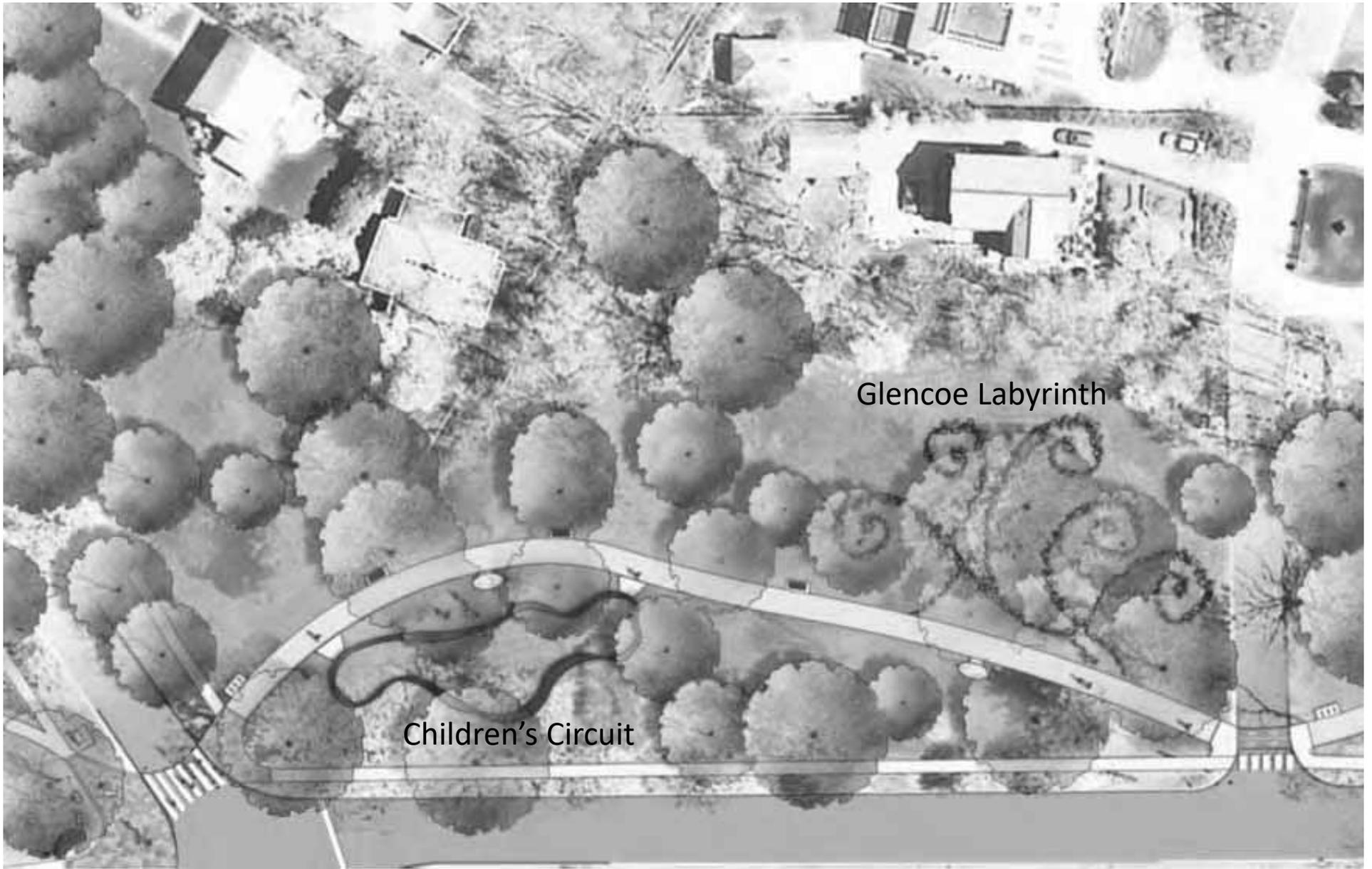
If we want to foster interest in cycling need events for kids



Woodland Discovery



Woodland Discovery



Plan of Woodland Discovery

Brings us to the Northern Gateway

Northern Gateway



Brings us to the Northern Gateway



View looking South from Northern Gateway

Northern Gateway



Trying to encourage people into the park



However many go straight across a busy intersection



Or along the sidewalk



Views Blocked by Utilities, Trees & Curve of Alignment

Complicated by Sidewalk and Desire Lines





Fast Moving Traffic on Road Doesn't Stop



Sidewalk Goes Between Utility Boxes



To a Desire Line Through the Park



That Approaches the Intersection at an Angle



That Leads to Peds and Bikes Crossing at an Angle



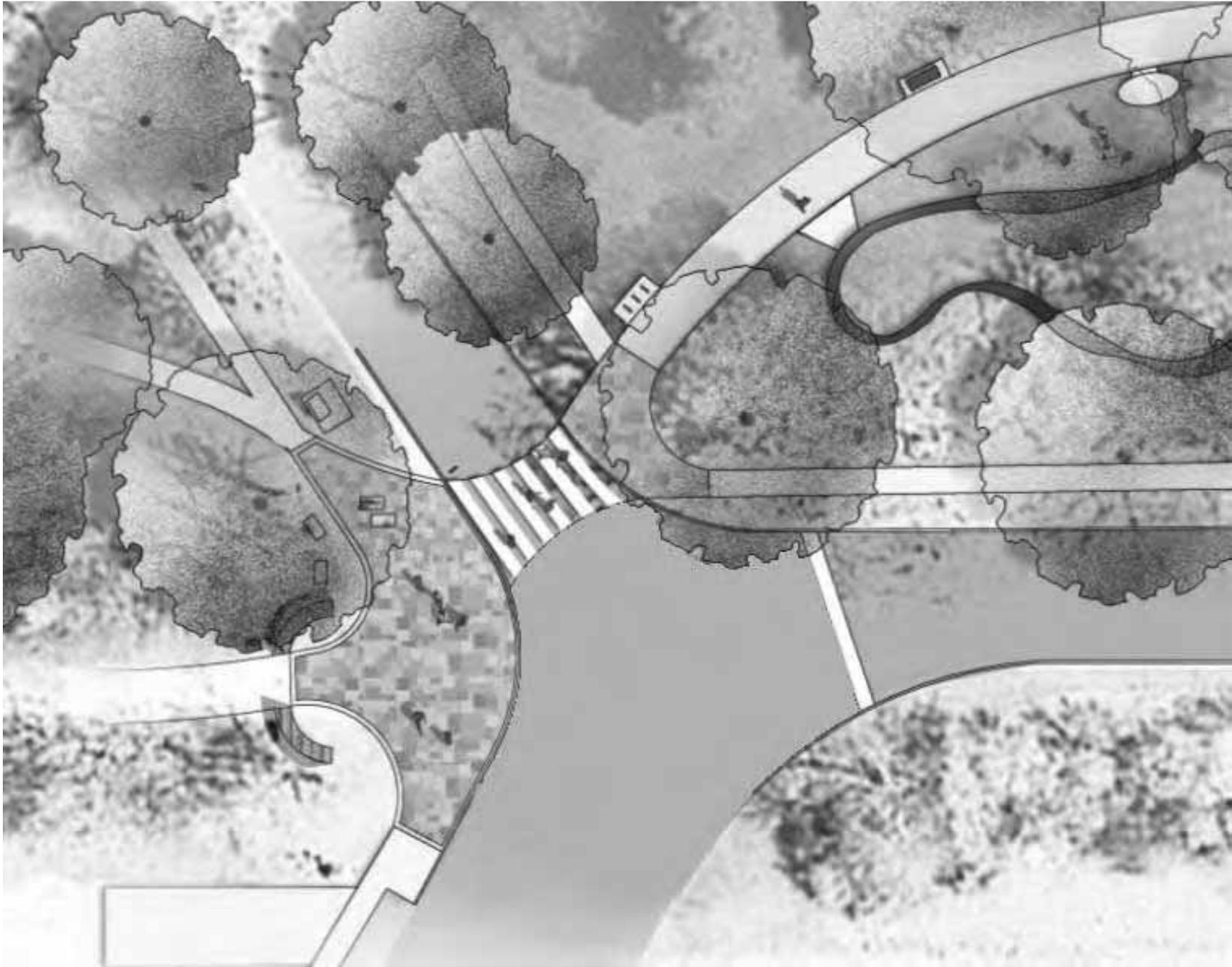
That is so Complex that it Leads to.....



"AH JEEZ"



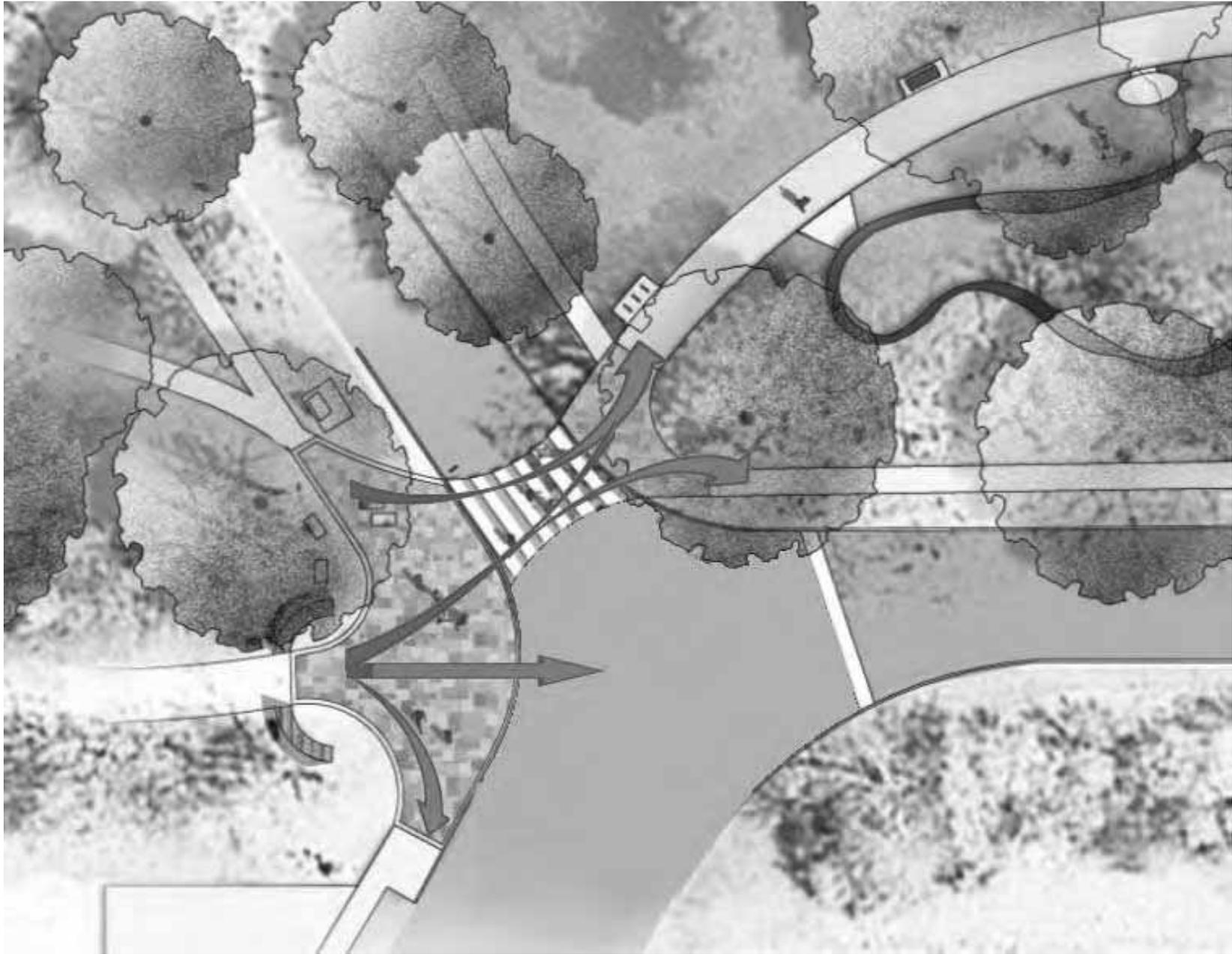
Which Way Do We Go?



Proposed Plan Northern Gateway

Altamanu Inc.
landscape architecture + urban design + planning

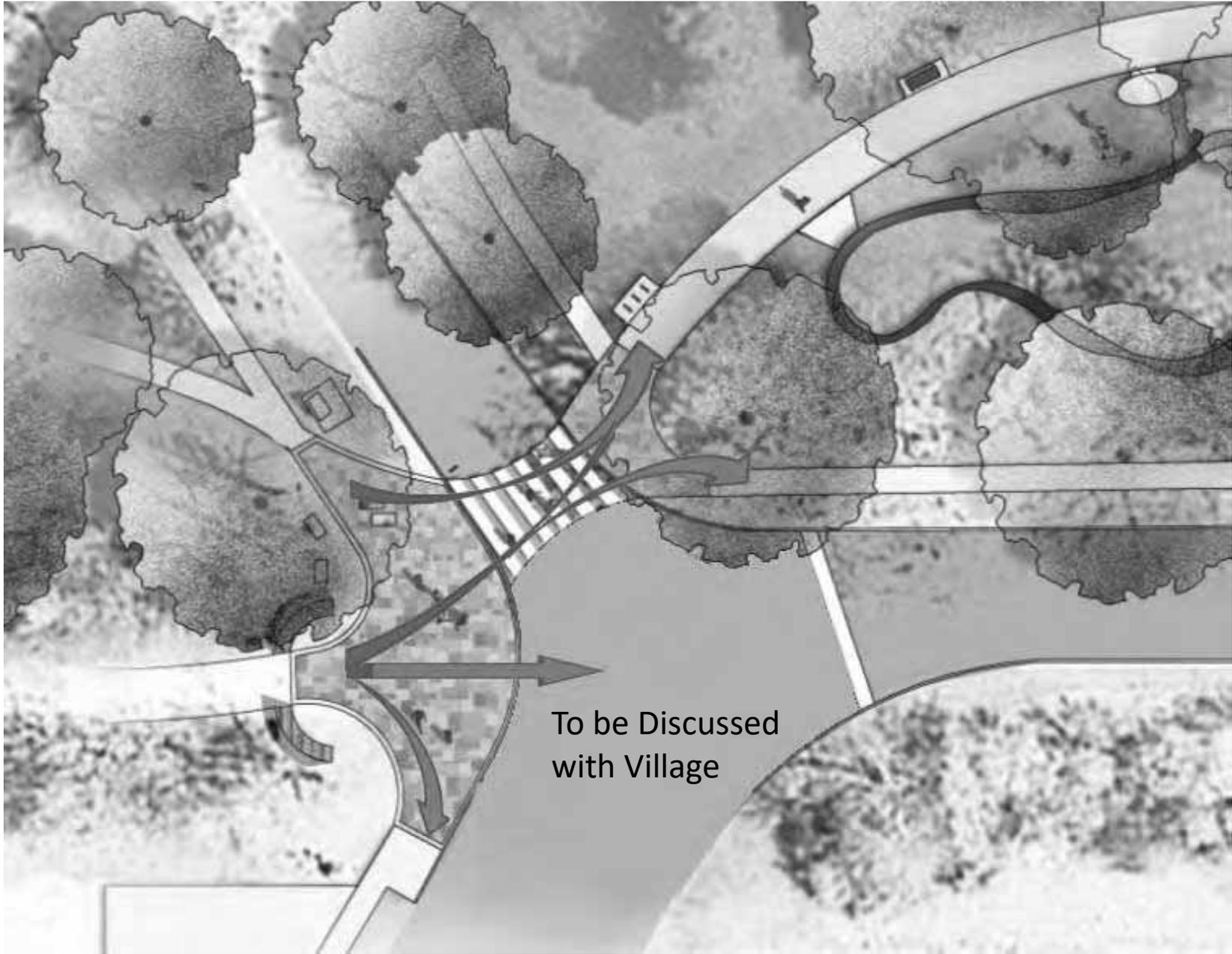




Proposed Plan Northern Gateway

Altamanu Inc.
landscape architecture + urban design + planning





Proposed Plan Northern Gateway

Altamanu Inc.
landscape architecture + urban design + planning





Overall Plan



Thank You

Altamanu.com