

# NATURAL PRECEDENT IN PLANTING

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Illinois Water Resources Center/Illinois-Indiana Sea Grant  
University of Illinois Extension



UNIVERSITY OF ILLINOIS  
EXTENSION



Campus Recreation Center East

ALLEN HALL

LINCOLN AVE RESIDENCE HALL (LAR)

RED OAK RAIN GARDEN

DORNER DRIVE RETENTION POND

McKinley Health Center

Google

# LINCOLN AVENUE RESIDENCE HALL (LAR)





Lincoln Ave

S Lincoln Ave

Lincoln Avenue  
Residence (LAR)

Gregory Dr







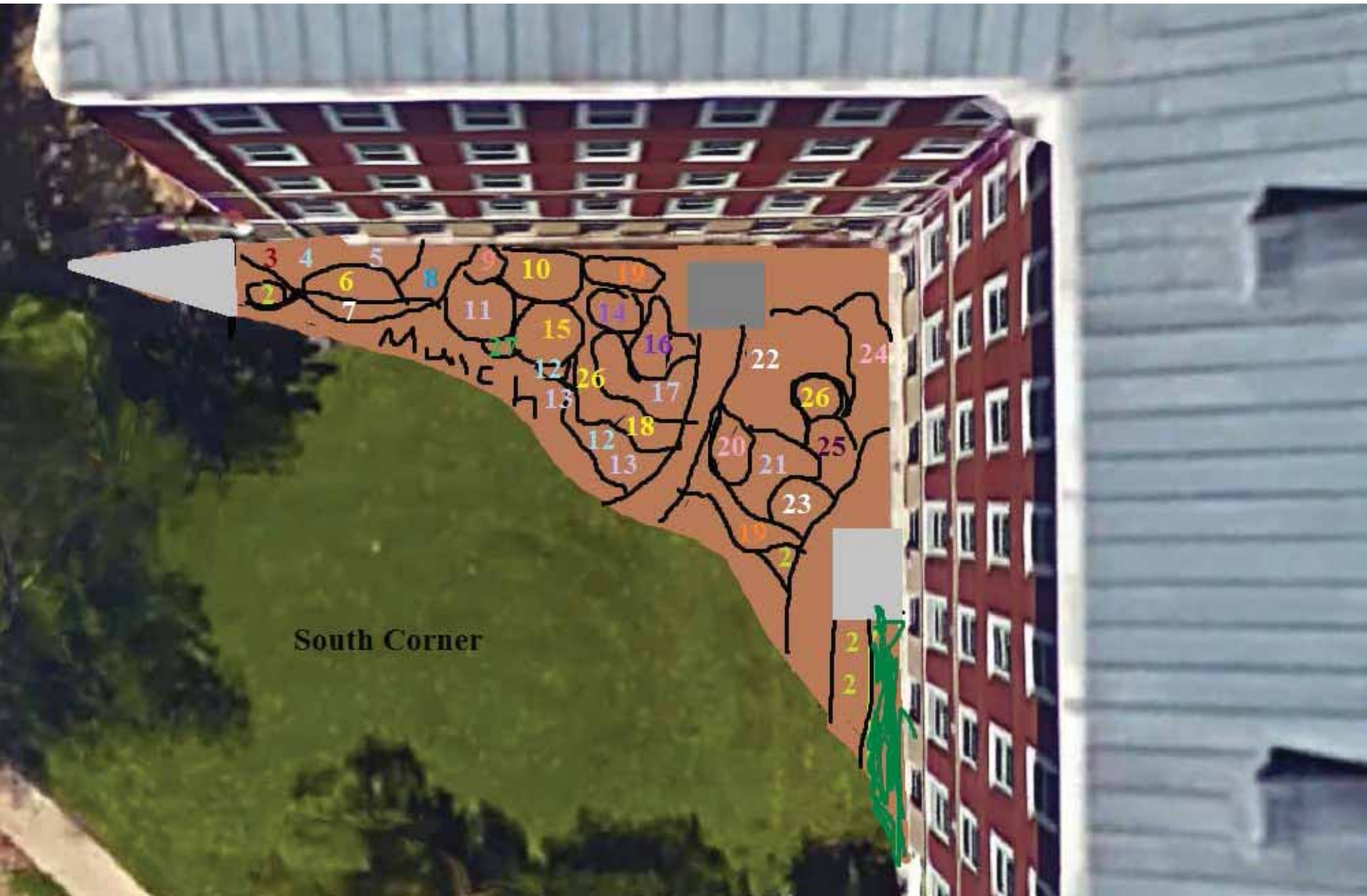




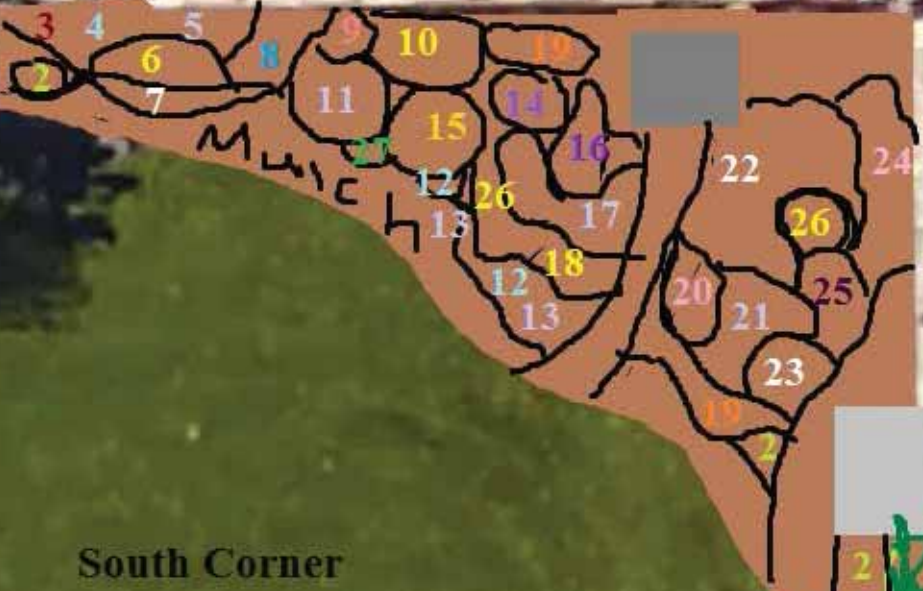




CARDINAL  
FLOWER  
LEONARD COLEMAN CO.



South Corner



<http://ssc.sustainability.illinois.edu/?p=1883>

# ALLEN HALL



UNIVERSITY OF ILLINOIS

ALLEN  
RESIDENCE HALL  
Unit One

1005 W Gregory Drive



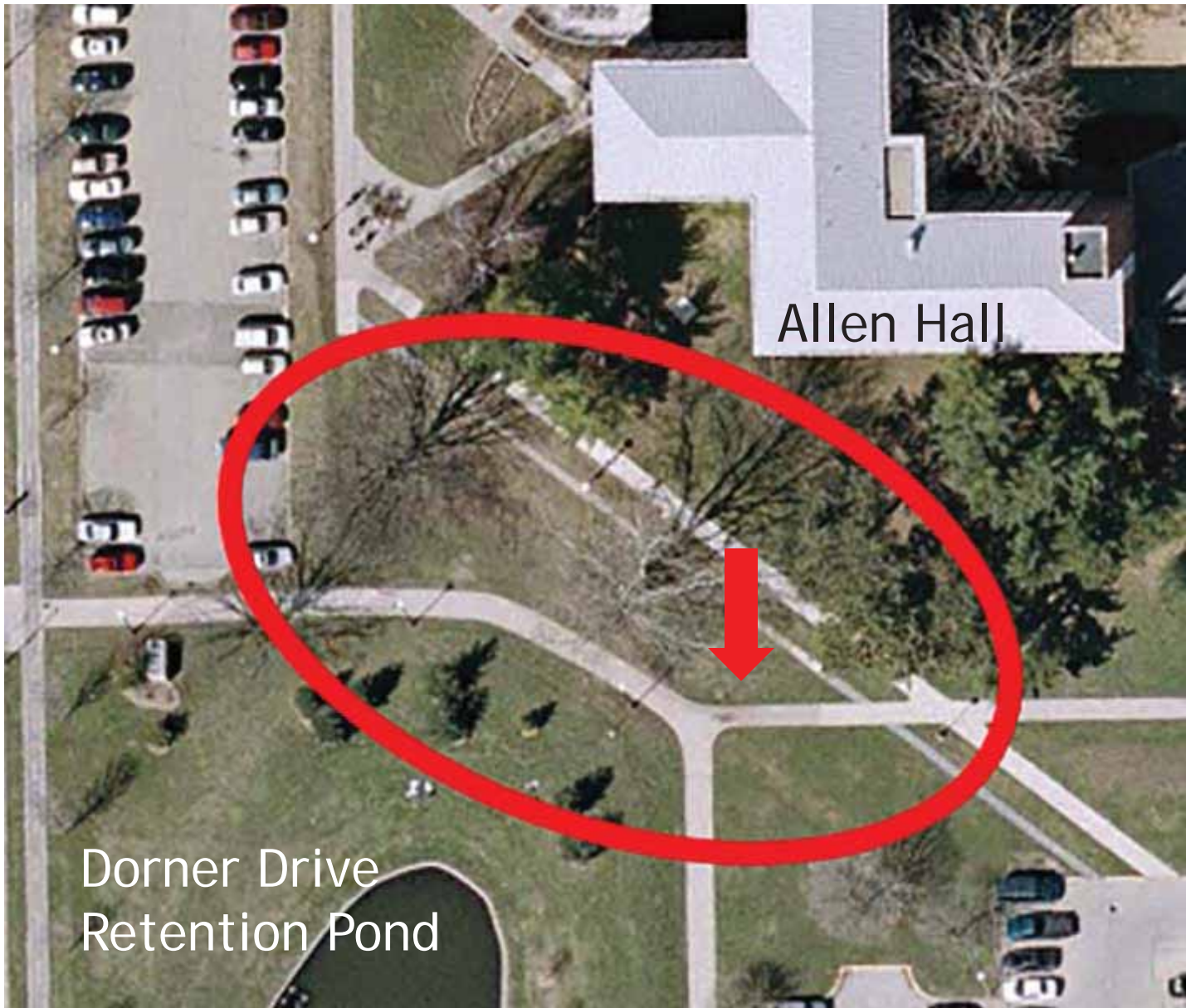


**Living Learning Communities**  
**LAR: Innovation and Sustainability**  
**Allen: Unit One**



# RED OAK RAIN GARDEN





Allen Hall

Dorner Drive  
Retention Pond

A photograph showing a large, shallow pool of water that has pooled on a concrete sidewalk and spilled onto the adjacent grass. The water is still, reflecting the sky and the surrounding environment. In the background, there is a large, multi-story brick building, likely a school or university building, and several trees, including a prominent evergreen. The sky is overcast. The overall scene suggests a recent rain event or a drainage issue.

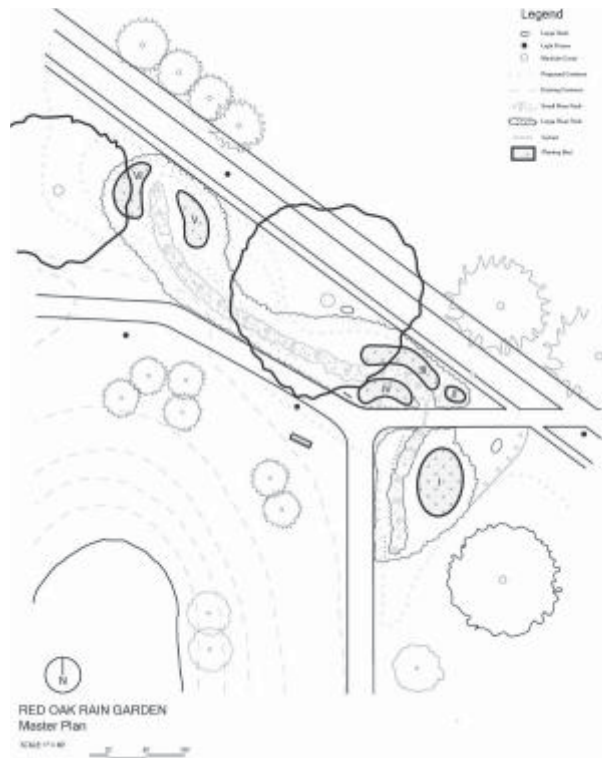
**Pooling on sidewalk and  
grass and around oak tree**

**Before 2006**

# Faculty/Student Project

Spring, Summer, and Fall 2006

Prof. Tony Endress' NRES Classes



Started out looking great with clean rocks and vibrant plants



Fall 2007



**Now, few original plants remain and  
rock is silty/muddy**

**Spring 2017**

**Good news: it still functions as a rain garden collecting and infiltrating water**



**Spring 2009**

Spring 2017

# **MOU between Extension and F&S**

Garden become community project for  
Champaign County Master Gardeners and  
East Central Illinois Master Naturalists





**Volunteers began weeding, and weeding, and weeding**



**Found bare spots in rock revealing landscape fabric maybe from winter snow removal**

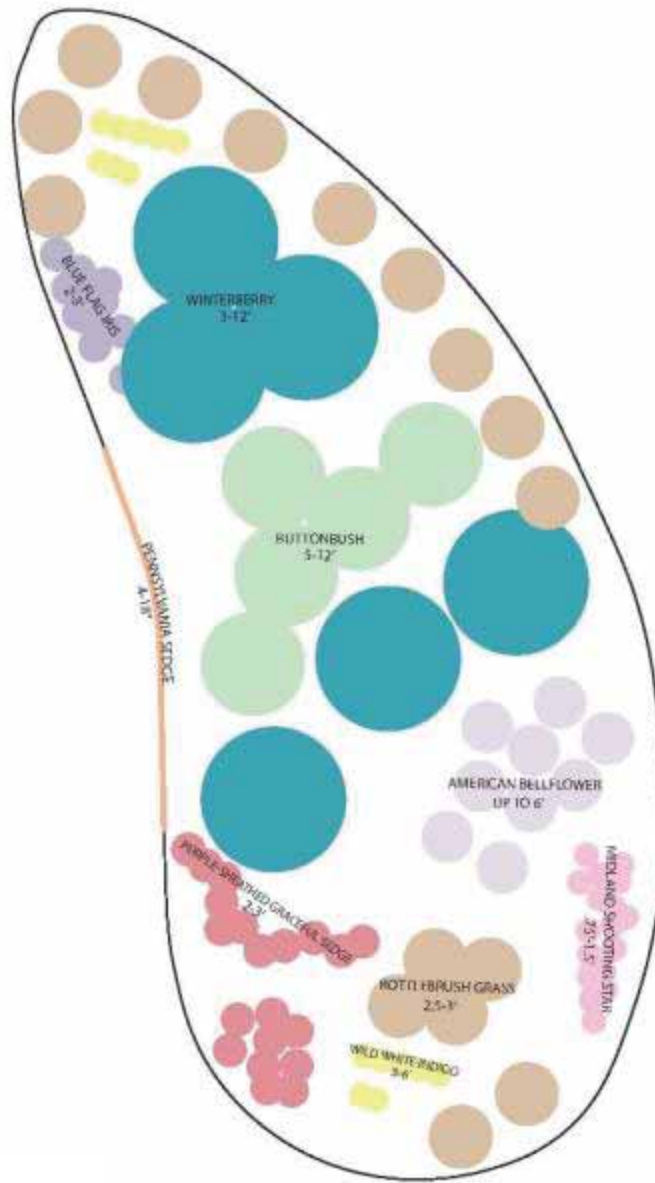


Spring 2017

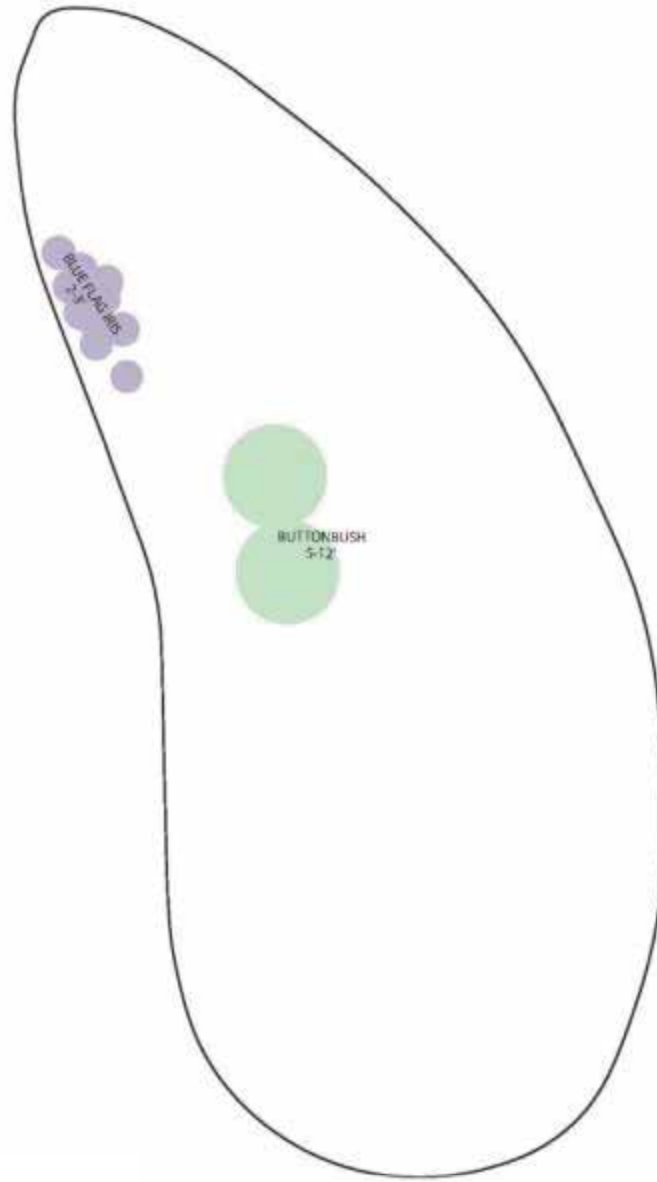
# Current condition



Summer 2017



Original planting plan



**90% of plants no longer remain**

**London Planetree drops many sticks and the tile is nearly blocked**



# Area prone to vandalism



Spring 2008



Summer 2008

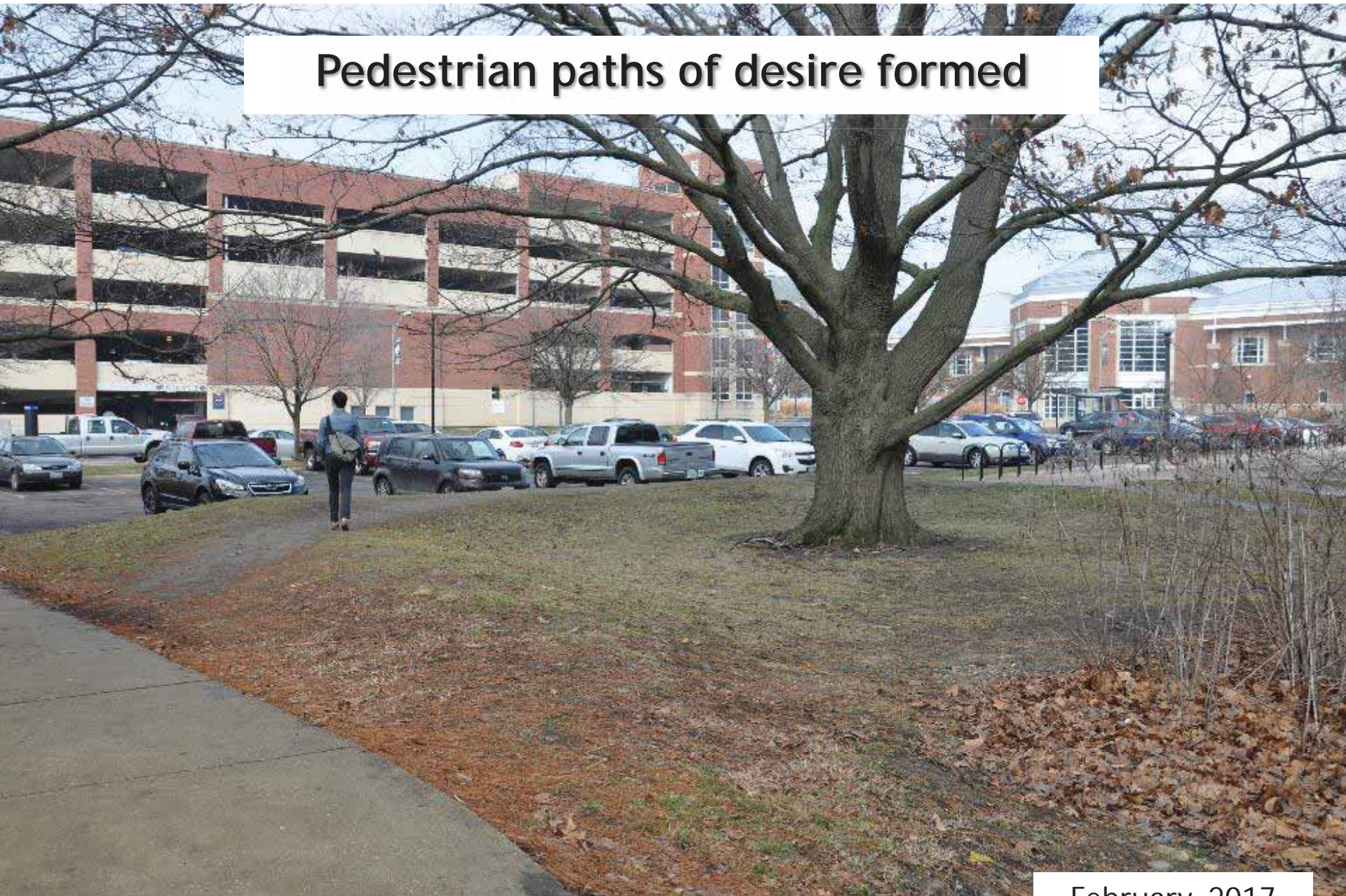


# Red Twig Dogwood is overgrown



May 2017

# Pedestrian paths of desire formed



February 2017





Including one through the garden



# Project goals:

- Comply with University rules and integrate into University aesthetics.
- Serve stakeholders (users).
- Provide environmental and horticultural education.

## Design will:

- Preserve the existing trees and be predominantly native plants.
- Create a path through garden.
- Not depend on herbicide for weed control but will practice IPM (Integrated Pest Management).

# Stakeholder input summary

IDENTITY: Define the space with signs.

PATHS: Build paths

ACADEMICS: Invite & collaborate with researchers (Engineering, LA, Bio, NRES)

PUBLIC EDUCATION: Conduct outreach via digital, brochure, public events

NATURE INTERPRETED: Want middle of formal-wild and want **multi-season interest**

### WELCOMES TO THE ARBORETUM OF THE UNIVERSITY OF TORONTO

**Map:** A site map showing various areas of the arboretum, including the main building, parking lots, and different garden sections.

- 1. Main Building
- 2. Parking Lot
- 3. Greenhouse
- 4. Conservatory
- 5. Conservatory Garden
- 6. Conservatory Pond
- 7. Conservatory Path
- 8. Conservatory Pond
- 9. Conservatory Pond
- 10. Conservatory Pond
- 11. Conservatory Pond
- 12. Conservatory Pond
- 13. Conservatory Pond
- 14. Conservatory Pond
- 15. Conservatory Pond
- 16. Conservatory Pond
- 17. Conservatory Pond
- 18. Conservatory Pond
- 19. Conservatory Pond
- 20. Conservatory Pond

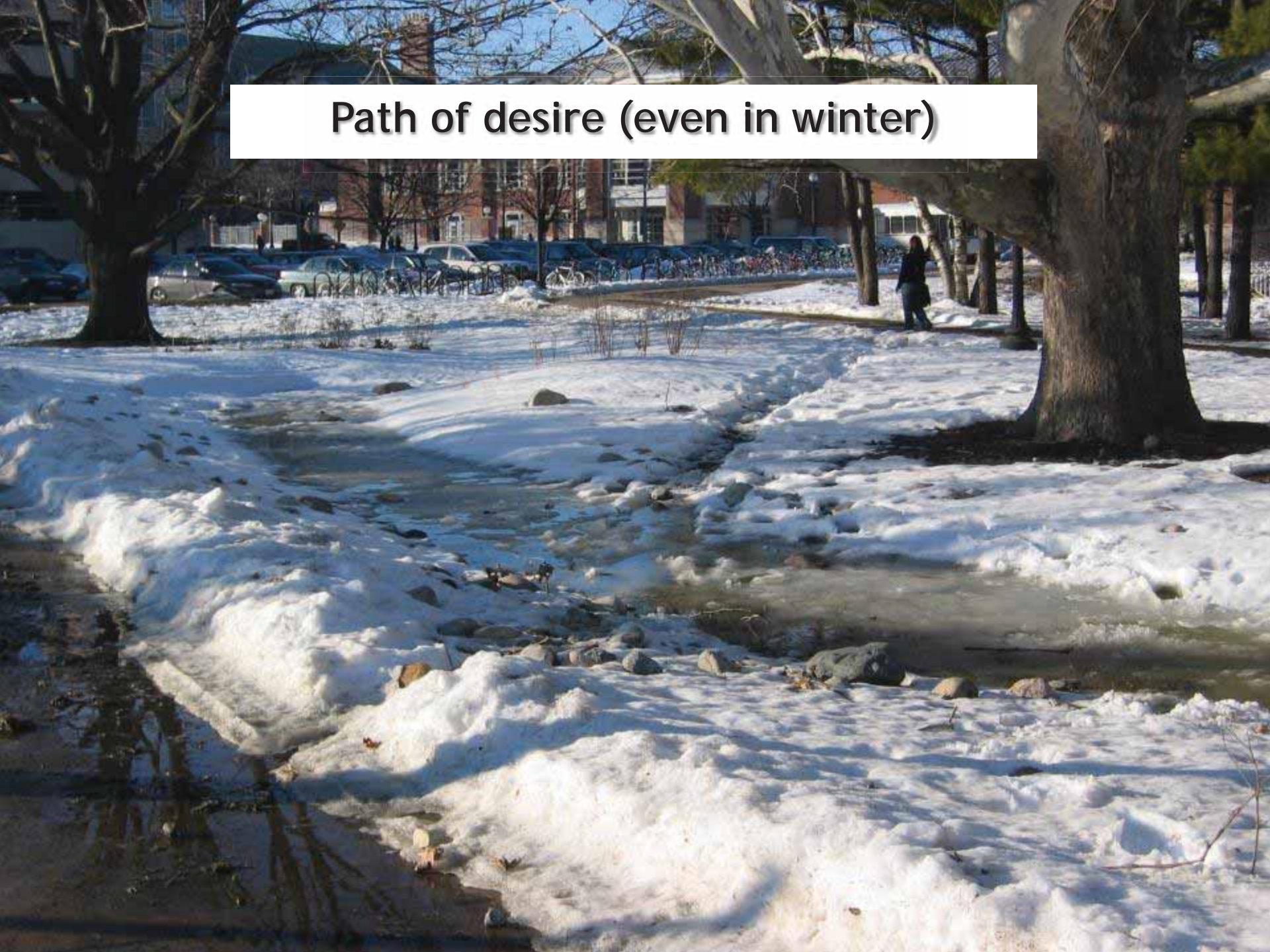
**Photos:** A grid of four small images showing various scenes from the arboretum, including people walking, trees, and garden beds.

**Text:** Several columns of text providing information about the arboretum, including its history, mission, and details about the various garden sections and collections.



*Dryopteris erythrosora*  
'Autumn'  
Autumn Fern or  
Shield Fern Autumn

**Path of desire (even in winter)**



# Academics

CEE

LA

# Public Education

RED BISON

LAR/ALLEN HALL

EXTENSION

F&S

IWRC

## Spring Bulbs Workshop

Free

*October 14 @ 10:00 am - 12:00 pm*

Lurie Garden director and head horticulturist, Laura Ekasetya will cover bulb selection, planting schedule, placement and more in this workshop about spring bulbs. We may even try our hand at planting some bulbs! register

## Adult Poetry Workshop: Forms and Features: Elegy

Free

*October 14 @ 1:00 pm - 3:00 pm*

All experience levels are welcome to a discussion and creative workshop moderated by Poetry Foundation Library Coordinator Maggie Queeney. In honor of the season, we focus on elegy, a poem of mortality, loss, and consolation. After reading and discussing a wide range of elegies exploring the natural world, participants will be guided through composing original poems in response to the fall Lurie Garden landscape. Maggie Queeney holds an MFA in Creative Writing from Syracuse University. Her work has appeared in...

## 2017 Urban Wild - Celebrate Fall with Lurie Garden

Free

*October 19 @ 4:30 pm - 6:30 pm*

Join the Lurie Garden to celebrate one of our favorite seasons in the garden. Partake in the bounty of our garden and busy bees and the products from other wild and domesticated urban residents! This year's vendors are: Goose Island Beer Co., Chicago Honey Co-op, Bike a Bee, goodandhonest Natural Soaps, University of Chicago Press, GlennArt Farm, Closed Loop Farms, FedUp Ferments, Project Onward, Kathy Hogle Photography and Old Town School of Folk Music! Lurie Garden honey will be sold, (limit 2 jars/person) . A limited quantity...

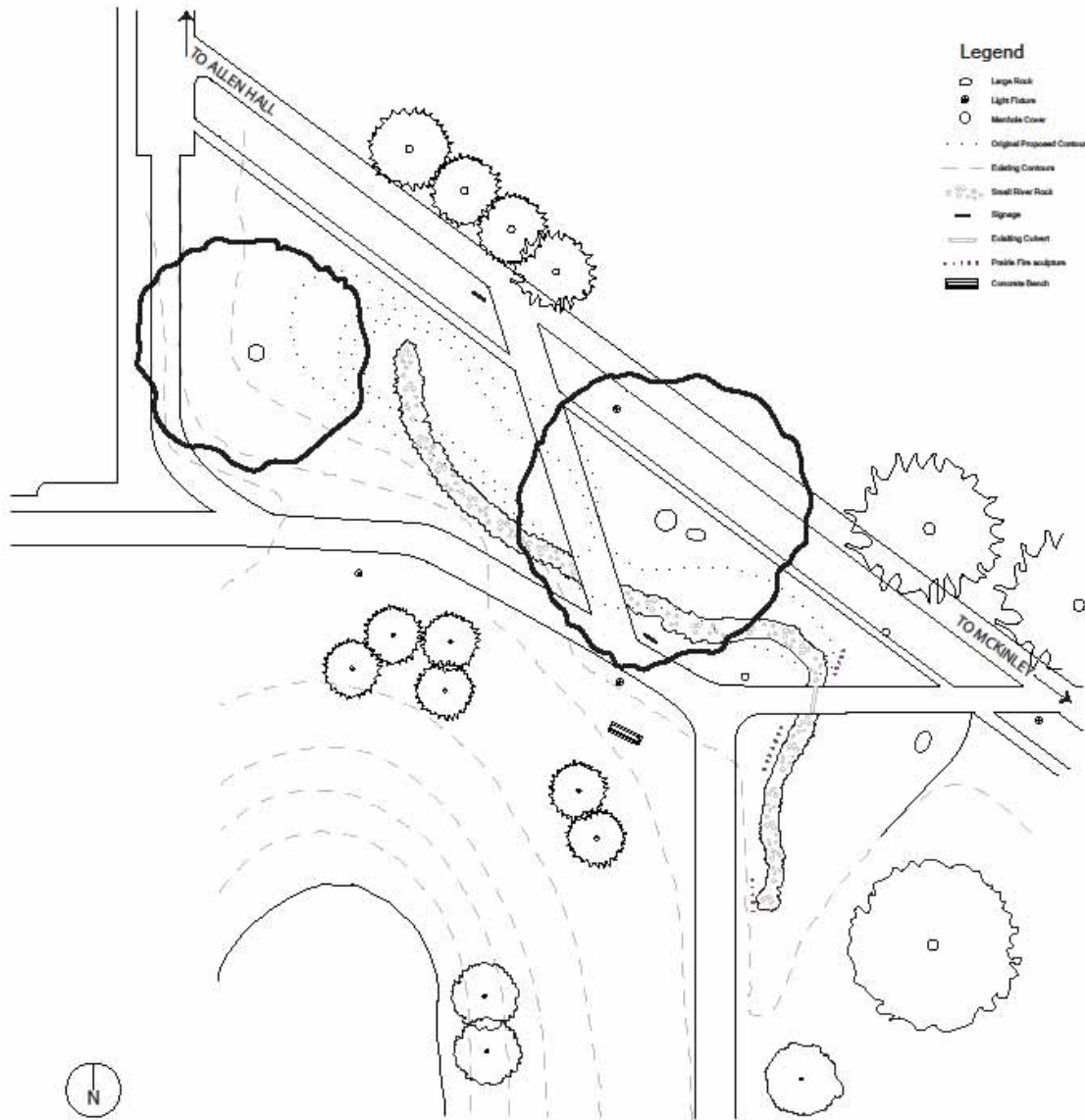
## Peace Yoga

Free

*October 22 @ 10:00 am - 11:00 am*

Join us for a gentle yoga and meditation class called Peace Yoga, led by Chicago's Peace School. Peace Yoga is the perfect combination of basic stretches, yoga postures, breath work, meditation and relaxation, all geared to create harmony within the mind, body and spirit. The Peace Yoga movements are designed to stretch and tone muscles, loosen stiff joints, help correct poor posture, improve balance and leave you feeling agile and refreshed. Sign up for any or all sessions! Learn more about the Peace...





- Legend**
- Large Rock
  - Light Fixture
  - Merble Cover
  - Original Proposed Contours
  - - - Existing Contours
  - Small River Rock
  - Signage
  - Existing Culvert
  - Paved Fire walkway
  - ▬ Concrete Bench



**RED OAK RAIN GARDEN**  
**Master Plan**

SCALE: 1" = 20'





# **DORNER DRIVE RETENTION POND**



Campus Recreation Center East

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**LOW MOW ZONE**

*Thank you!*