



WISCONSIN
UNIVERSITY OF WISCONSIN-MADISON

Facilities Planning & Management

2015 Campus Master Plan Update



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@UWMadisonPlan #UWCampusMasterPlan

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OBSERVATORY HILL



- Relocate Lot 34 and on-street parking along Observatory Drive to improve the view to Lake Mendota.
- In place of Lot 34, construct a naturalized wetland feature to manage stormwater from Observatory Hill and Tripp Hall. Incorporate boardwalks for strolling, teaching, research and accessing the water.
- Convert traditional lawn areas to a designed oak savanna ecosystem with oak trees and short-grass prairie plants. Re-route and improve the connections for ridgeline pathways south of the effigy mounds and restore the mound landscape to short-grass prairie per the campus Indian Mound Management Policy.

W. DAYTON STREET - "GREEN STREET"



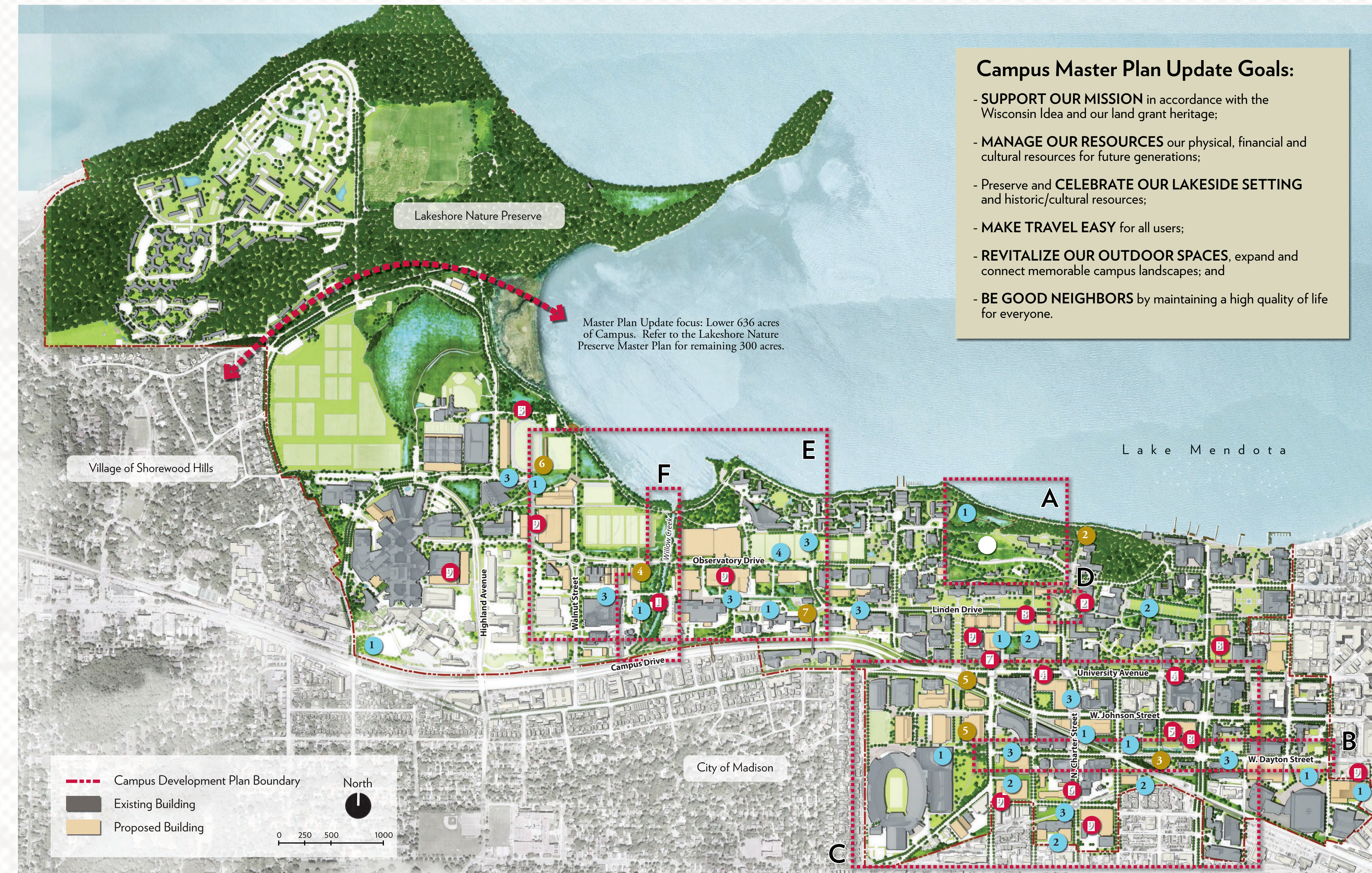
- Green Streets are an effective approach to managing runoff from high-pollutant load areas while offering aesthetic and educational value to the campus.
- As street terrace reconstruction projects come on-line, the campus will evaluate the potential to implement rain gardens, permeable pavements, suspended pavement root enhancement systems, etc. to mitigate stormwater runoff.
- Recommended Green Streets include: Observatory Dr., Linden Dr., W. Dayton St., N. Charter St., and N. Mills St.
- Primary functional benefits of Green Streets beyond the reduction in stormwater runoff include: chloride, phosphorus, heavy metals, and suspended solid catchment. This approach will require close coordination with the City of Madison for all streets south of University Avenue.

SOUTH CAMPUS



- Increase building density and add more green space to create a more consistent and coherent campus experience.
- Create a new south "quad" of civic scale and character bisected by a proposed N. Brooks Street pedestrian mall.
- Promote new south-oriented green spaces with proposed projects that integrate stormwater management and provide a visual and physical connection to the campus.
- Create a Henry Mall extension through the Engineering Campus connecting to Camp Randall Memorial Park.
- Implement a two-way consolidated cycle track on the south side of University Avenue to enhance bicycling safety and efficiency.
- Envision W. Dayton Street as a campus green street connecting Camp Randall to the Kohl Center allowing for enhanced programming and fan amenities.

Major Master Plan Initiatives



Campus Master Plan Update Goals:

- **SUPPORT OUR MISSION** in accordance with the Wisconsin Idea and our land grant heritage;
- **MANAGE OUR RESOURCES** our physical, financial and cultural resources for future generations;
- Preserve and **CELEBRATE OUR LAKESIDE SETTING** and historic/cultural resources;
- **MAKE TRAVEL EASY** for all users;
- **REVITALIZE OUR OUTDOOR SPACES**, expand and connect memorable campus landscapes; and
- **BE GOOD NEIGHBORS** by maintaining a high quality of life for everyone.

Major Transportation Initiatives

- 1 Willow Creek Bridge
- 2 Iconic Pedestrian Bridge
- 3 Walnut Street Removal
- 4 University Avenue Transformation
- 5 N. Brooks Street Pedestrian Mall
- 6 N. Charter Street Two-Way Conversion
- 7 Historic to Southern Urban Campus Connection
- 8 New Underground Parking Structure
- 9 New Above Grade Parking Structure

Major Landscape Initiatives

- 1 Naturalized Observatory Hill
- 2 Sewell Social Sciences Stair and Boardwalk
- 3 Southern Urban Campus Quad
- 4 Revitalized Willow Creek
- 5 Henry Mall Extension to Camp Randall Memorial Park
- 6 Health Sciences District-Lake Mendota Connection
- 7 Open Space Commons at Horse Barn

Major Green Infrastructure Initiatives

- 1 Surface Stormwater Facility
- 2 Sub-Surface Stormwater Facility
- 3 Green Streets
- 4 Recreational Fields Underground Stormwater Treatment

Master Plan Components



TECHNICAL DOCUMENT
- Full analysis and details behind the goals and guiding principles of the master plan. Includes detailed recommendations which strive to give physical form to the campus.



EXECUTIVE SUMMARY
- 24-page report that includes the Chancellor's vision along with the major goals and guiding principles of the Campus Master Plan.



DESIGN GUIDELINES & STANDARDS
- Site specific recommendations that establish a Campus Design Neighborhood framework with the intent to create a unique campus sense of place.



LANDSCAPE MASTER PLAN



UTILITY MASTER PLAN UPDATE



TRANSPORTATION MASTER PLAN UPDATE



GREEN INFRASTRUCTURE & STORMWATER MGMT. MASTER PLAN

Engagement Summary

LENGTH OF PROJECT (months) **31**
TOTAL NUMBER OF MEETINGS **258**
CAMPUS MEETINGS (Org's, Dept's, Div's) **102**
NEIGHBORHOOD MEETINGS **20**
CITY OF MADISON MEETINGS **13**
COMMUNITY ORGANIZATION MEETINGS **12**
PLANNING TEAM MEETINGS **65**
NEWSLETTERS **24**
+10,000 WEBSITE USERS / +28,000 VIEWS

N. CHARTER ST. & LINDEN DR. PEDESTRIAN BRIDGE



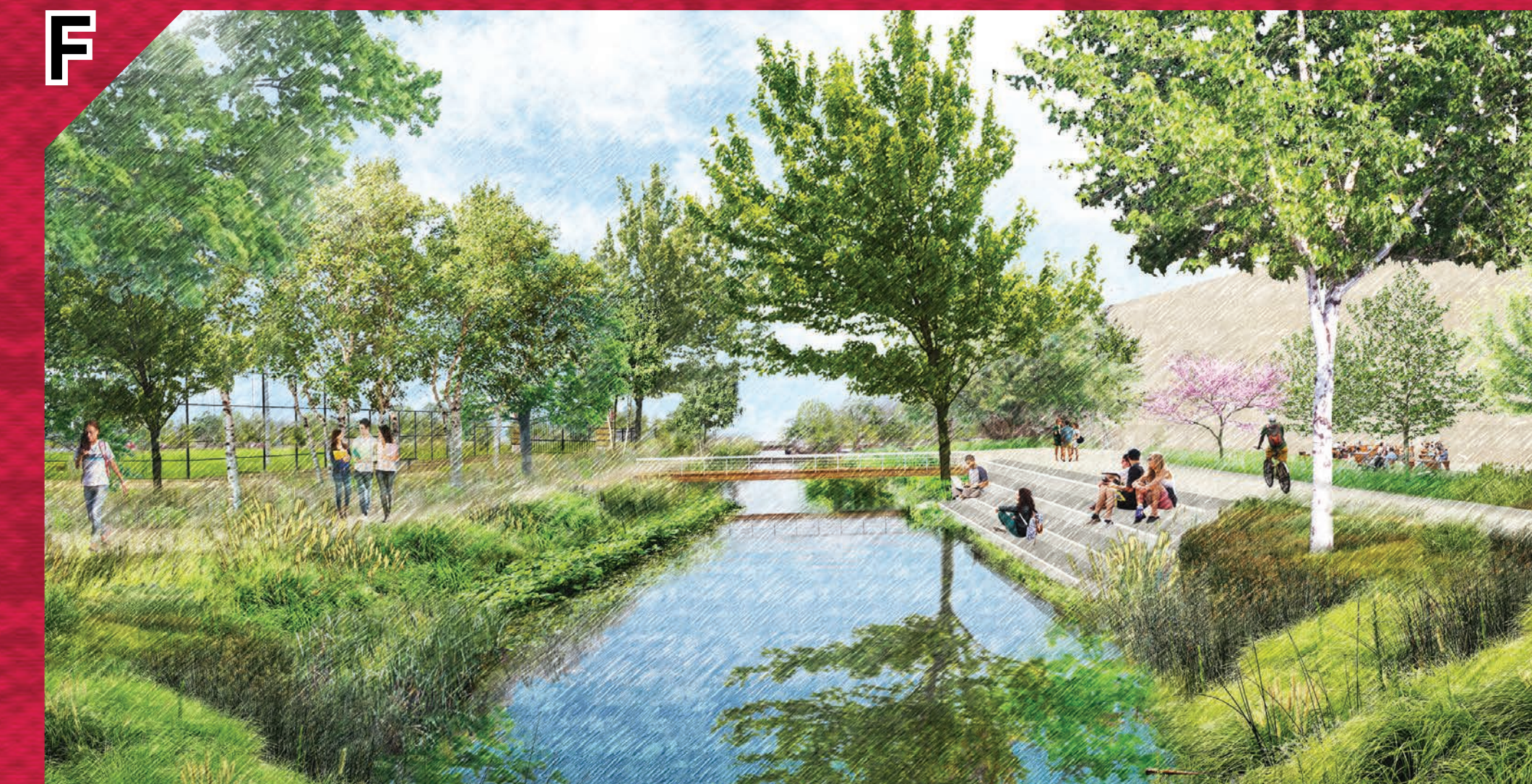
- Use existing topography and natural pedestrian circulation patterns to implement an iconic structure spanning the N. Charter Street and Linden Drive intersection.
- Structure will be open and airy, and not inhibit at-grade pedestrian movements that currently exist. It is anticipated to remove 50-60% of current pedestrian traffic at-grade.
- Structure will alleviate class change traffic congestion, mitigate multi-modal conflicts, and improve the pedestrian experience.
- Area will function as a plaza, capable of supporting programming, gathering spaces, vegetation, and serve as an identifiable landmark within campus.

WEST CAMPUS - "GREEN NEIGHBORHOOD"



- Embrace historic agricultural use of this area through the promotion of functional green infrastructure that is visible and educational.
- Transition area from a general suburban character to a more traditional campus with more articulated, taller buildings organized around green spaces and open space.
- Preserve and create new viewsheds to Lake Mendota, particularly for the UW Hospital and WARF building.
- Relocate Lot 60 (1,300 stalls) from the edge of the lake and consolidate into a parking structure wrapped with programmable building space. Relocate McClimmon Track/Soccer Complex to the existing Lot 60 site.
- Implement a large stormwater management project in the Near East Recreational Field location to capture and treat roughly 30 acres of campus land draining to this area.

WILLOW CREEK



- Improve the Willow Creek corridor (an urban outfall for 1,900 acres upstream) to create a destination for students, faculty, and staff. Promote indoor/outdoor connection between Willow Creek and adjacent building projects. Conserve wetlands to manage stormwater and provide habitat. Perched wetlands along the west side of the creek will intercept stormwater runoff and provide boardwalks with interpretive signage to educate users.
- Restore the riparian zone by providing an expanded vegetative buffer to manage non-point source pollution and stabilize the slopes.
- Provide a multi-use pathway connecting the Campus Drive Bike Path to the Howard Tennis Lakeshore Path.
- Activate Willow Creek near the Natatorium with linear terraces stepping down to the water's edge, allowing students to engage with and access the creek.