Campus Plan Principles

1. Provide an integrated environment for teaching, living, learning and research
2. Enhance the campus’s distinctive sense of place
3. Foster a setting that is welcoming and supportive and encourages positive interaction and exchange
4. Create a climate that encourages thoughtful and creative approaches to sustainability
5. Serve communities that extend beyond the campus
Existing Condition
TRAFFIC + CIRCULATION + PARKING
**Existing Parking**

**Spaces To Be Removed**

> Total number of spaces to be removed:

**1201 spaces**

- Removed at Fitz Field: ±140 spaces
- Removed in Ivy Lane/Western Way area: 499 spaces
- Removed at Lot 21: 702 spaces
Parking Impacts

> Total number of spaces to be removed: 1,201 spaces

> Total number of assigned spaces to be added: **1,552 spaces**

> Net increase in number of assigned spaces: **351 spaces**

> Number of unassigned spaces at Fitz Field to be removed: 140 spaces

> Total net increase in number of spaces: **211 spaces**

*Parking count has been reduced by 15 spaces since site plan submission to allow for EV payment kiosks and protection of fire suppression system (dry standpipes)*
734 Assigned Parking Spaces have been reduced through Revise Your Ride (RYR)*

* Original RYR target was 500 spaces by 2020/21

**Goals to reduce SOV Commuters:**

- 2016: 63%
- 2020: 53% with reduction of 734 assigned spaces
- 2026: 45% with reduction of 1,200 assigned spaces

(SOV= Single Occuapt Vehicles)
Proposed Condition
Proposed Condition

> Total new parking spaces provided in the East Campus Garage:

**1,552 spaces**
Garage Access

TEMPORARY SURFACE PARKING
LOT TO BE REMOVED ON
SEPTEMBER 2022
Circulation

- **Existing Roadway Network**
- **Proposed Connectors**
- **Removed as Part of ES+SEAS Project**
- **Added as Part of ES+SEAS Project**
East-West Connection for Cyclists and Pedestrians
GARAGE
Lower Level

1,552 total spaces
adjusted from 1,567 due to addition of EVCS payment kiosks, and protection of dry standpipes (for fire protection)

Spaces with Electric Vehicle Charging Stations (EVCS)
Transit Level

64 spaces for EV charging

am/pm charging with ability to charge 32 vehicles at one time

Spaces with Electric Vehicle Charging Stations (EVCS)

Clipper Creek HCS-D40R Dual Charging Station
Roof Level

Garage is ‘PV Ready’ for a future PV Array

Future Solar Array
Garage Section Diagram

Point of Entry/Exit
EAST GARAGE TRANSIT PLAZA LOOKING EAST
Transit Hub - Bike Storage

Total Bike Storage: **108 spaces**

Bike Share Storage: **16 spaces**

Personal Bike Storage: **92 spaces**

E-Bike Charging: **12 spaces**

(included in count above)

Bollard CyLoops 2172-E-C (Powder Coated) by Columbia Cascade
Wayfinding Strategy
Primary User Journey

Driving to the parking garage
Arriving by car
Finding a parking space
Exiting the garage on foot
Vertical circulation
Onward travel

Exterior approach
Finding the right level
Finding your car
Exiting the garage
STORMWATER MANAGEMENT
Stormwater Design

### Table

<table>
<thead>
<tr>
<th>Land Use</th>
<th>Existing Site (acres)</th>
<th>Proposed Site (acres)</th>
<th>Change</th>
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<tbody>
<tr>
<td>Buildings</td>
<td>0.13</td>
<td>1.93</td>
<td>1.8</td>
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<tr>
<td>Site Pavement</td>
<td>4.31</td>
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<tr>
<td>Landscape Areas</td>
<td>3.92</td>
<td>3.57</td>
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<td><strong>Total</strong></td>
<td><strong>8.36</strong></td>
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Stormwater Design

- Streetscape Bioretention
- Bioretention
- Grass Swale
- Subsurface Storage
LANDSCAPE
### Planting Plan

#### Project Tree Removal above 8" cal.

<table>
<thead>
<tr>
<th>Project</th>
<th>Tree Removal above 8&quot; cal.</th>
<th>Tree Replacement Requirement</th>
<th>Proposed Trees</th>
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<tbody>
<tr>
<td>Garage Application</td>
<td>77</td>
<td>98</td>
<td>106</td>
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<tr>
<td>Total (Including Soccer &amp; TIGER Applications)</td>
<td>283</td>
<td>340</td>
<td>414</td>
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</table>

TEMPORARY SURFACE PARKING LOT TO BE REMOVED ON SEPTEMBER 2022
Planting Palette

Trees

Shrubs

Grasses/Perennials
FACULTY ROAD TRAIL LOOKING EAST
SITE LIGHTING
### Lighting Design

#### Overall Lighting Plan

<table>
<thead>
<tr>
<th>Typical Footpath Photometric</th>
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<tbody>
<tr>
<td><strong>Average</strong></td>
<td>2.3 fc</td>
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<td><strong>Minimum</strong></td>
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<tr>
<td><strong>Maximum</strong></td>
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<td><strong>Avg: Min Ratio</strong></td>
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**Legend**

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<th>Illuminance (FC)</th>
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</tr>
<tr>
<td>1.0</td>
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<tr>
<td>&gt; 2.0</td>
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45ft