

University of Colorado Boulder

DRB Meeting

June 15, 2021



SASAKI

Agenda

Context Slides (will not be presented)

- Outreach
- Context Studies
- Space Use and Analysis Summary

For Presentation:

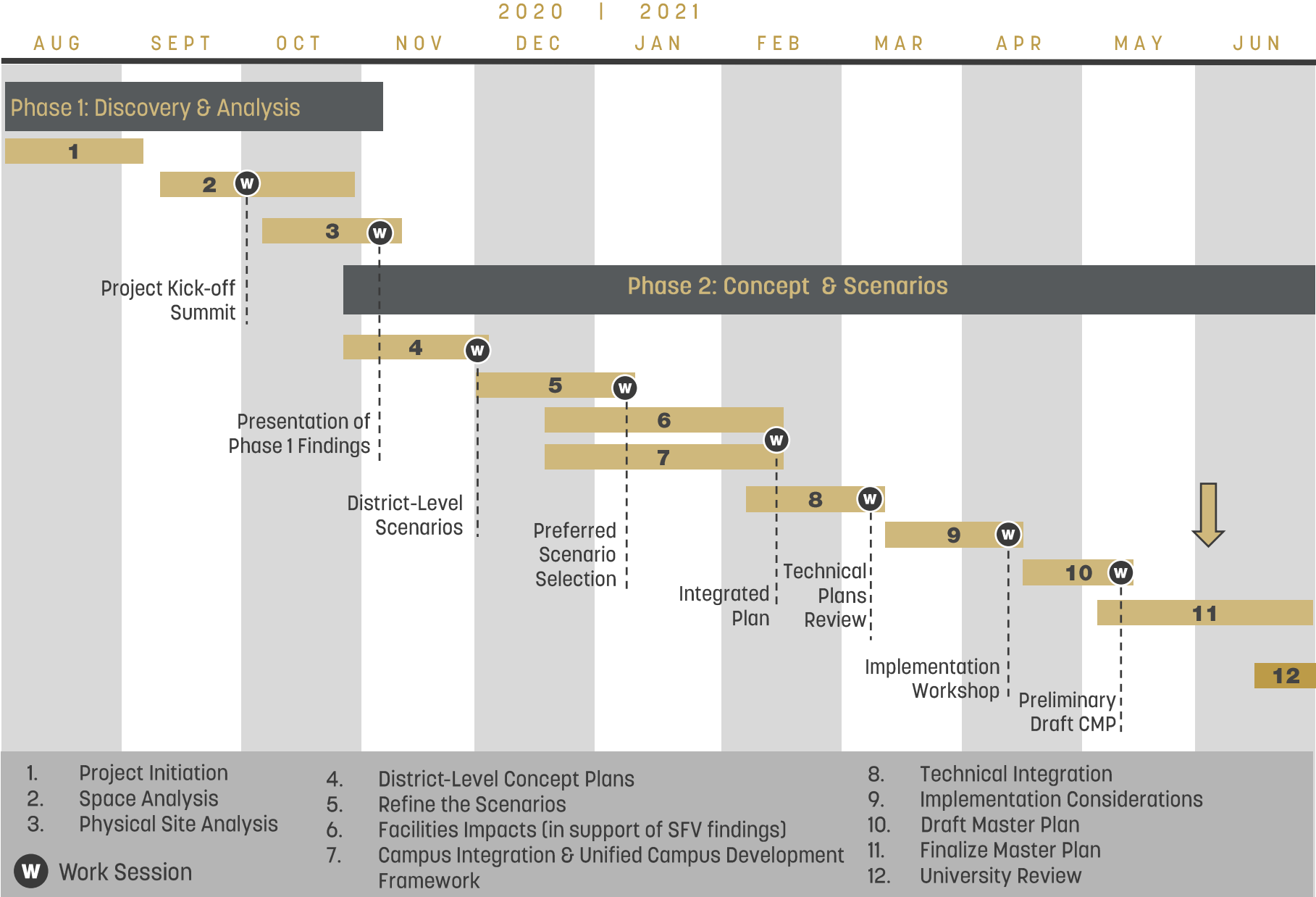
- **Design Principles**
- **The Campus System**
- **Campus Frameworks:**
 - Main Campus
 - North Boulder Creek
 - East Campus
 - Williams Village
- **Sustainability**
- **Implementation**

Feedback From DRB

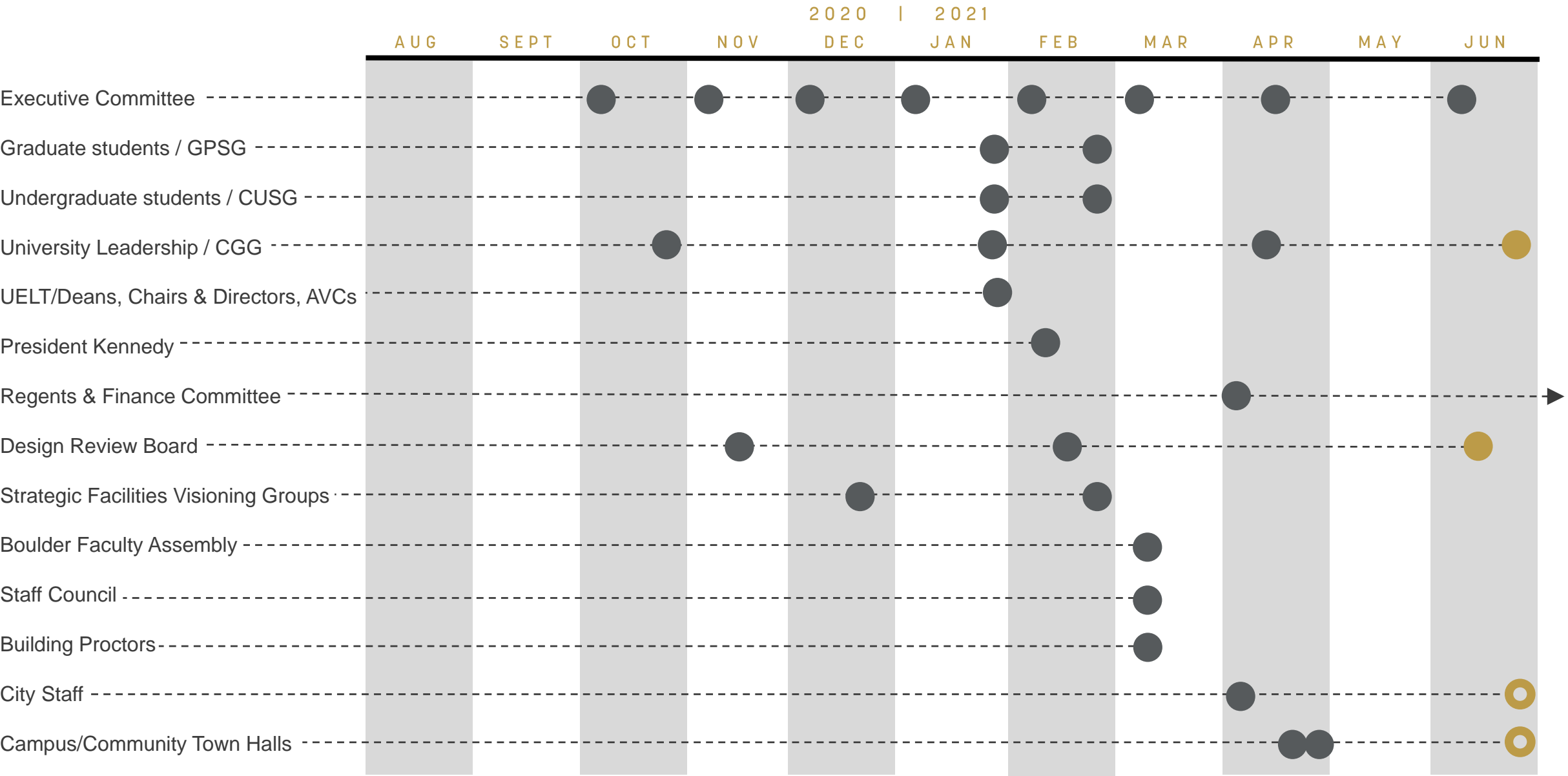
- Coordinate with City of Boulder planning initiatives (slides 28, 47-48)
- Detail anticipated project prioritization and phasing in the CMP (slides 185-197)
- Consider creating continuity among the three campus planning areas for the creekfront and riparian habitat areas (Design Guidelines 175-184; Planting Zones 92, 125, 150; Open Space Network 61, 131, 162)
- Extend and enhance bike circulation to connect all campuses (slides 31, 47, 62)
- Consider incorporating a primary entrance or gateway to the main campus off of Broadway (slides 35, 45, 58)
- East Campus should emphasize research use and respond to riparian areas of the property (slides 118, 122, 124, 127, 170)
- Consider the balance between showing building zones vs building footprints (Design Guidelines 175-184)
- Mixing East Campus uses seems difficult to achieve; consider extent to which East Campus is a dedicated “research park” and how it might operate as a technical research center accordingly (slides 104-112)
- Williams Village should include both pedestrian and bicycle mobility diagrams (slides 161, 162)
- Consider what will make Williams Village a desirable place to live (slides 48, 153-158, 163-166)

1 Outreach

Project Schedule & Engagements



Outreach



Feedback From Campus Visionaries

What elements of the concept plan most excite you?

Proximity of athletics space to academic and other support space will create community for student athletes + supporters

Shared and expanded **student service spaces on all campuses**

A **mix of uses** on each campus

Landscaped pedestrian connection between Main and East campus

Housing relocated to NBC and East Campus, opening up opportunity for **more academic spaces on Main Campus**

Open spaces, more windows, and use of the creek

Concept of neighborhoods to elevate the comprehensive experience at WillVill and East campus.

What elements does the plan still need to address? What needs to be prioritized?

Create a welcoming and dedicated space for alumni and the community

A “**Creative Design Hub**” to collect Art, Music, Theatre, ENVD etc. into one location.

Create more outdoor space for dining, classrooms, research

Add **vibrancy to Norlin Quad** through building architecture and student services

Flexible spaces and framework that can adjust as needs change

Think about connection possibilities between WillVill and Main campus

More access and visibility to **cultural assets on campus**

High priority for new buildings with **academic space at WillVill** to engage first-years in RAPs

4 Design Principles

Design Principles



1. Engage Surrounding Communities



2. Diversify Campus Neighborhoods



3. Respect & Reinforce Natural Systems



4. Create Strong Public Realm Connections



5. Integrate Diverse Open Spaces



6. Respect Campus Character & Structure



7. Create a Network of Student Life Spaces



8. Enhance Campus Access & Wayfinding

An aerial photograph of a campus area with a purple semi-transparent overlay. The overlay contains several large, stylized arrows pointing in various directions, indicating movement or connections. The arrows are thick and have a hatched texture. The background shows a grid of streets and some green spaces.

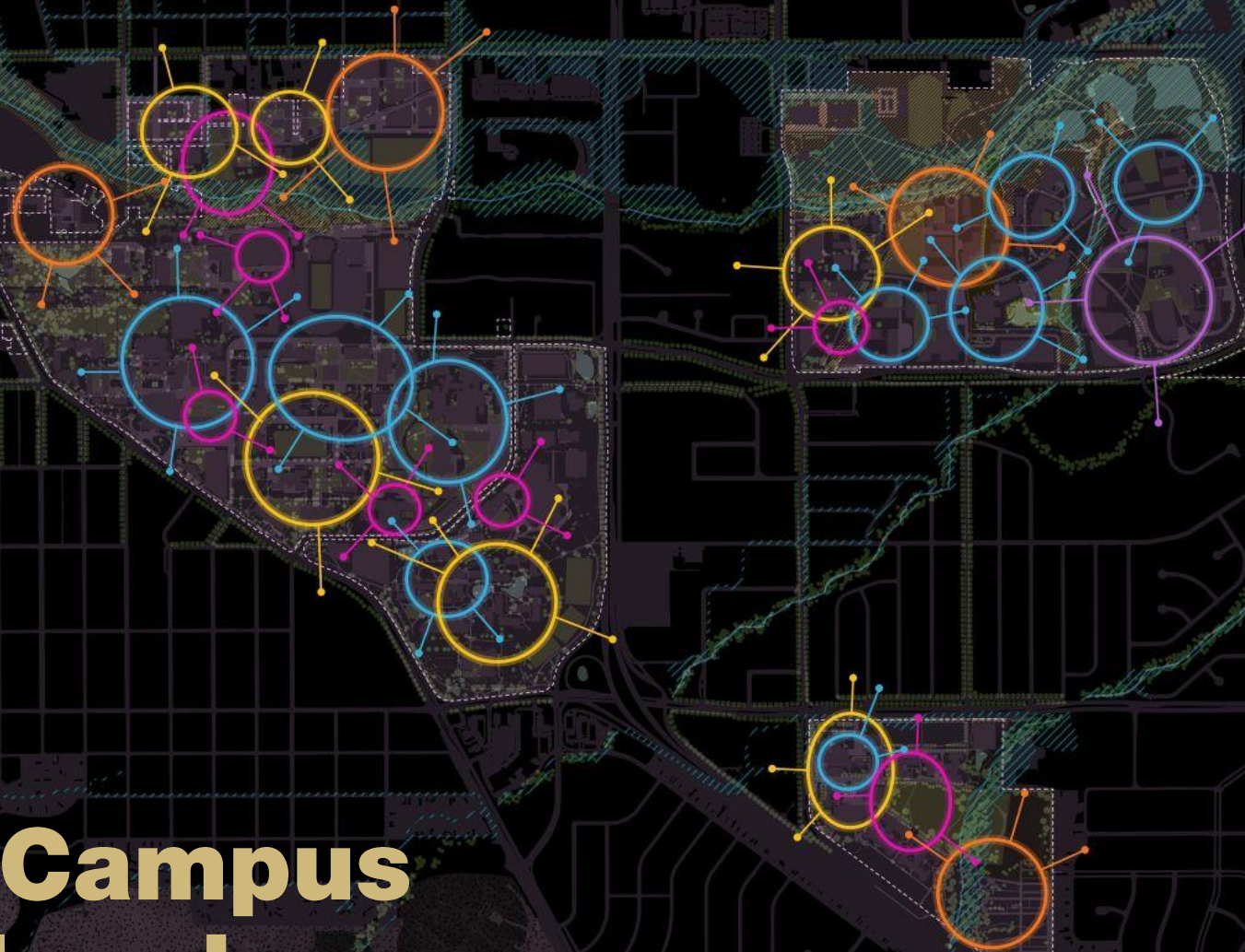
1

Engage Surrounding Communities

- Enhance connections between campuses
- Improve campus edge conditions
- Strategically locate facilities on campus periphery that engage the community
- Provide welcoming spaces on each campus that engage the community

2

Diversify Campus Neighborhoods



- Provide a greater mix of uses on East Campus and Will Vill, including a balance of academic, research, student life, and housing
- Distribute use offerings to provide greater choice and variety



3

Respect & Reinforce Natural Systems

- Celebrate the unique natural systems by enhancing connectivity
- Develop a system of open spaces on each campus that relate to the natural systems context
- Avoid development in ecologically-sensitive areas.

4

Create Strong Public Realm Connections

- 
- The background is an aerial photograph of a city area. Overlaid on the map are numerous yellow dashed lines with arrows at their ends, indicating proposed pedestrian routes. These routes connect various campus areas, which are highlighted in a light purple color. The routes follow major corridors and cross streets, showing a network of connections both within and between the campuses. The map also shows a grid of streets and some green spaces.
- Enhance connectivity within and between campuses
 - Locate open spaces along major corridors of connectivity
 - Unlock opportunities to extend pedestrian connections



5

Integrate Diverse Open Spaces

- Connect the system of existing and proposed open spaces
- Anchor new development around open spaces
- Provide a range of open space types: quads, plazas, passive recreation, formal athletics and recreation, landscape corridors, and ecological zones

6

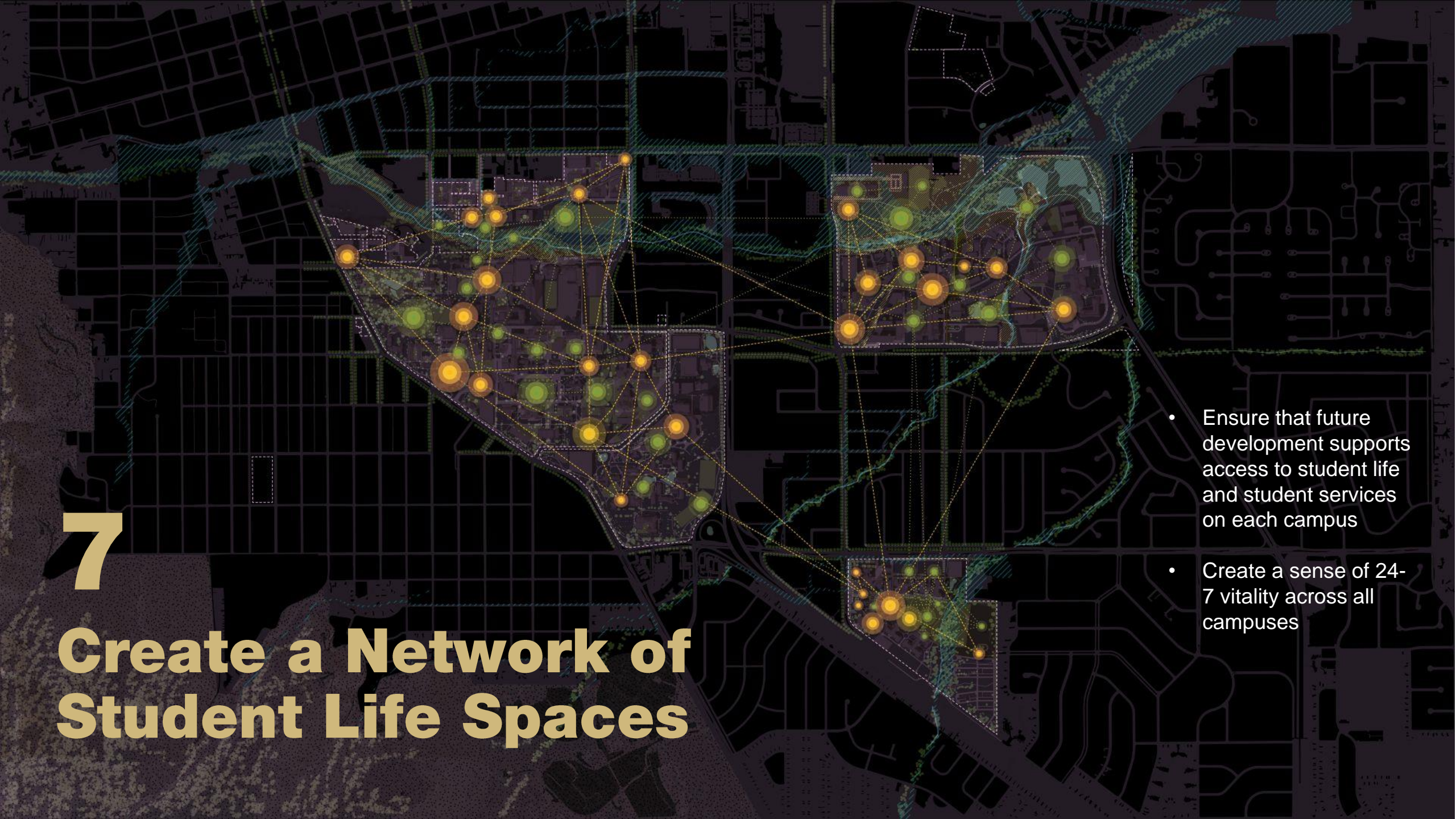
Respect Campus Character & Structure

- Extend the successful structure of Main Campus through surgical interventions that improve connectivity
- Use the existing campus structure as the basis for future development on Main Campus

7

Create a Network of Student Life Spaces

- Ensure that future development supports access to student life and student services on each campus
- Create a sense of 24-7 vitality across all campuses



8

Enhance Campus Access & Wayfinding

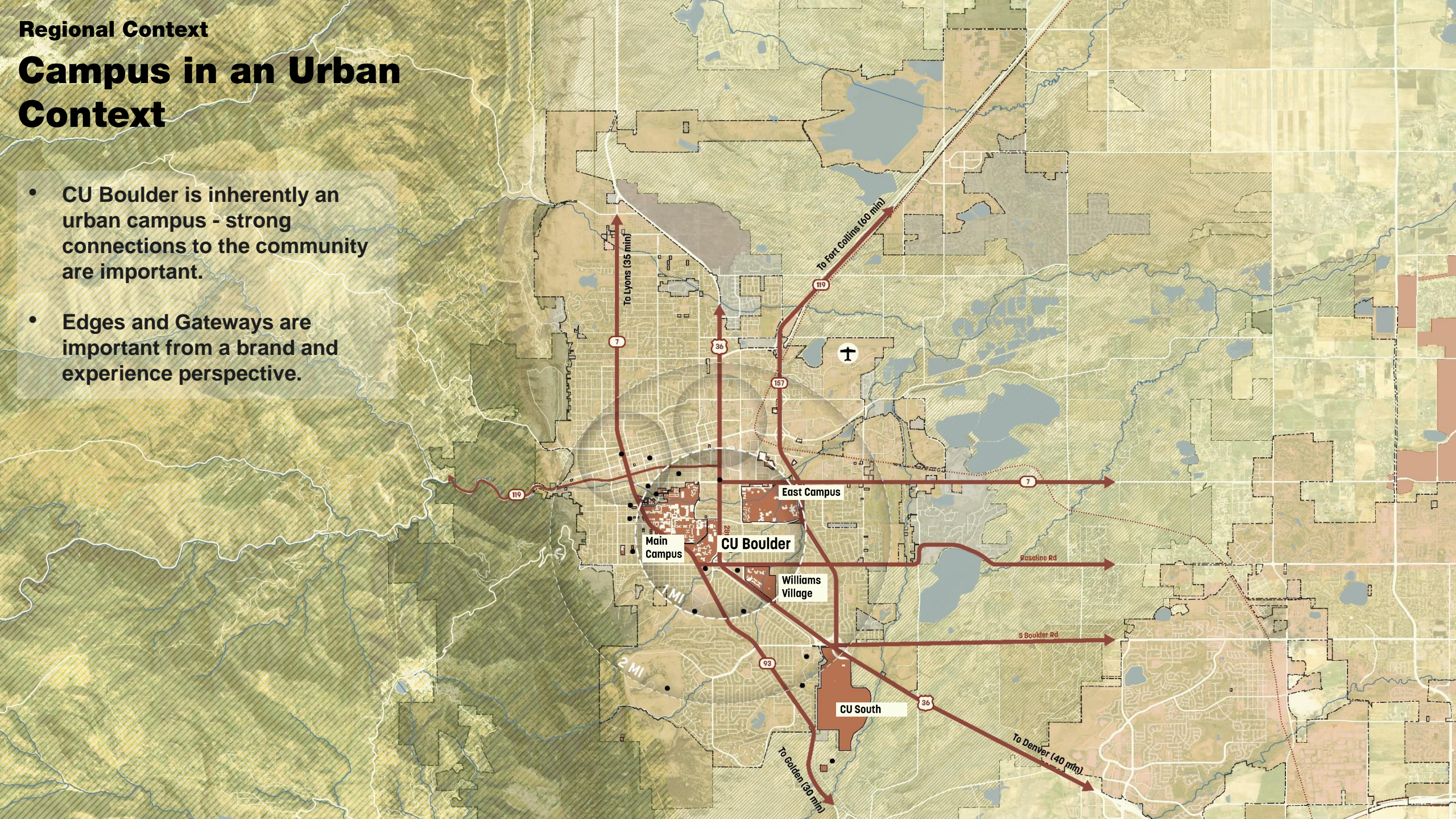
- 
- Clarify the vehicular system to ensure convenient and direct access
 - Establish a clear series of gateways with access to parking
 - Locate gateways on the periphery and connect them to an enhanced pedestrian experience

5 **The Campus System**

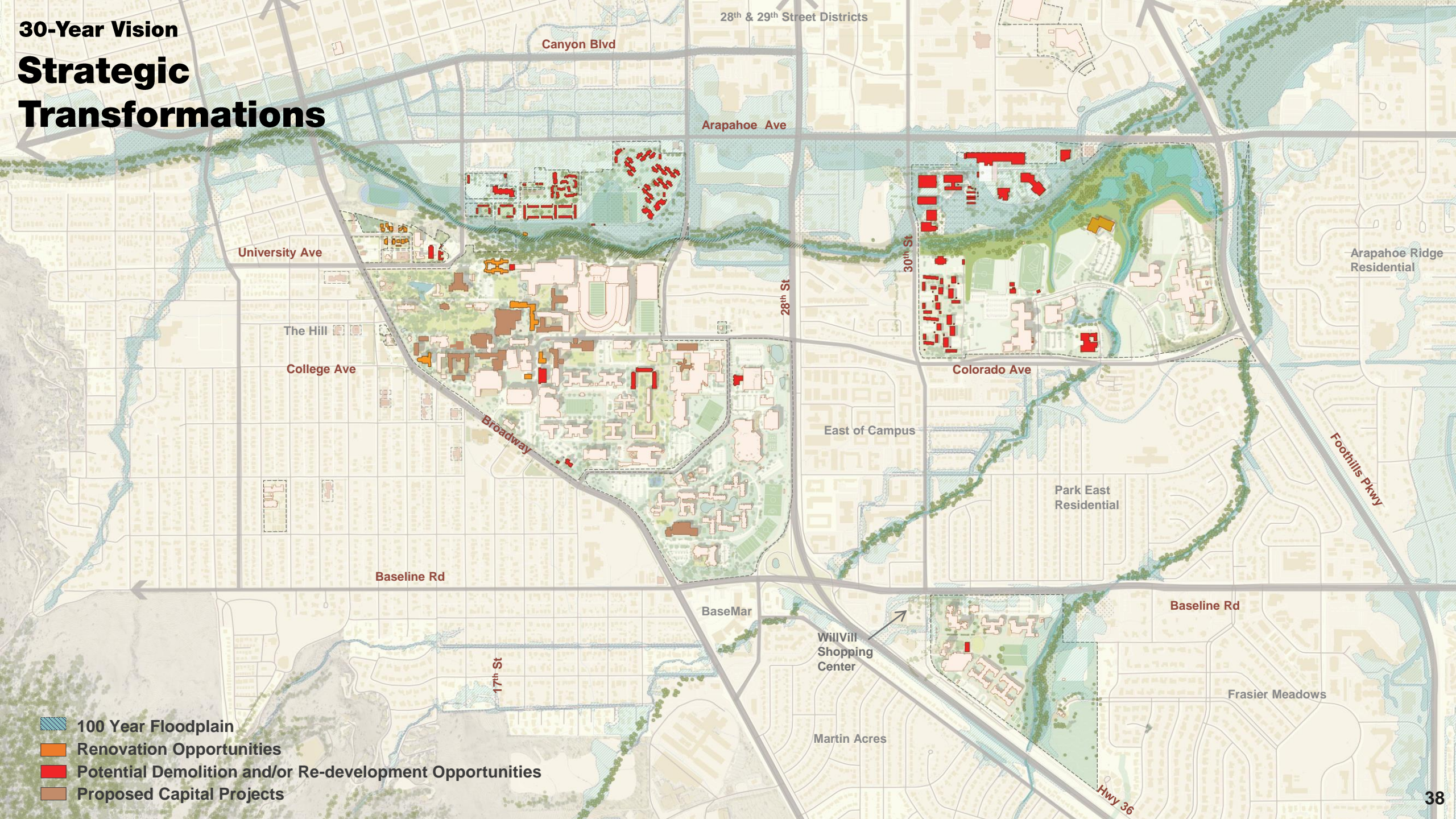
Regional Context

Campus in an Urban Context

- CU Boulder is inherently an urban campus - strong connections to the community are important.
- Edges and Gateways are important from a brand and experience perspective.



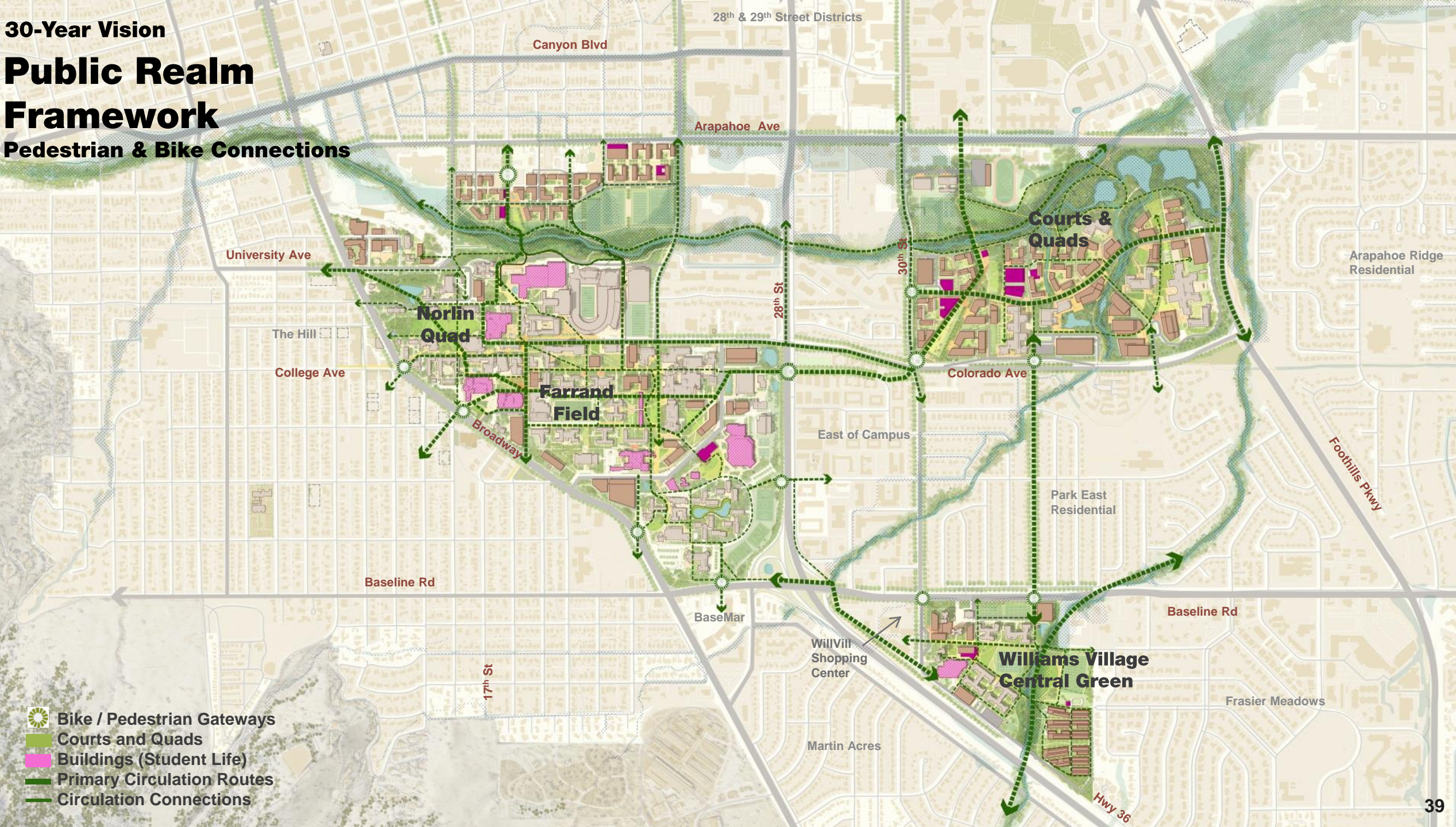
30-Year Vision Strategic Transformations



- 100 Year Floodplain
- Renovation Opportunities
- Potential Demolition and/or Re-development Opportunities
- Proposed Capital Projects

Public Realm Framework

Pedestrian & Bike Connections



30-Year Vision
Campus Framework

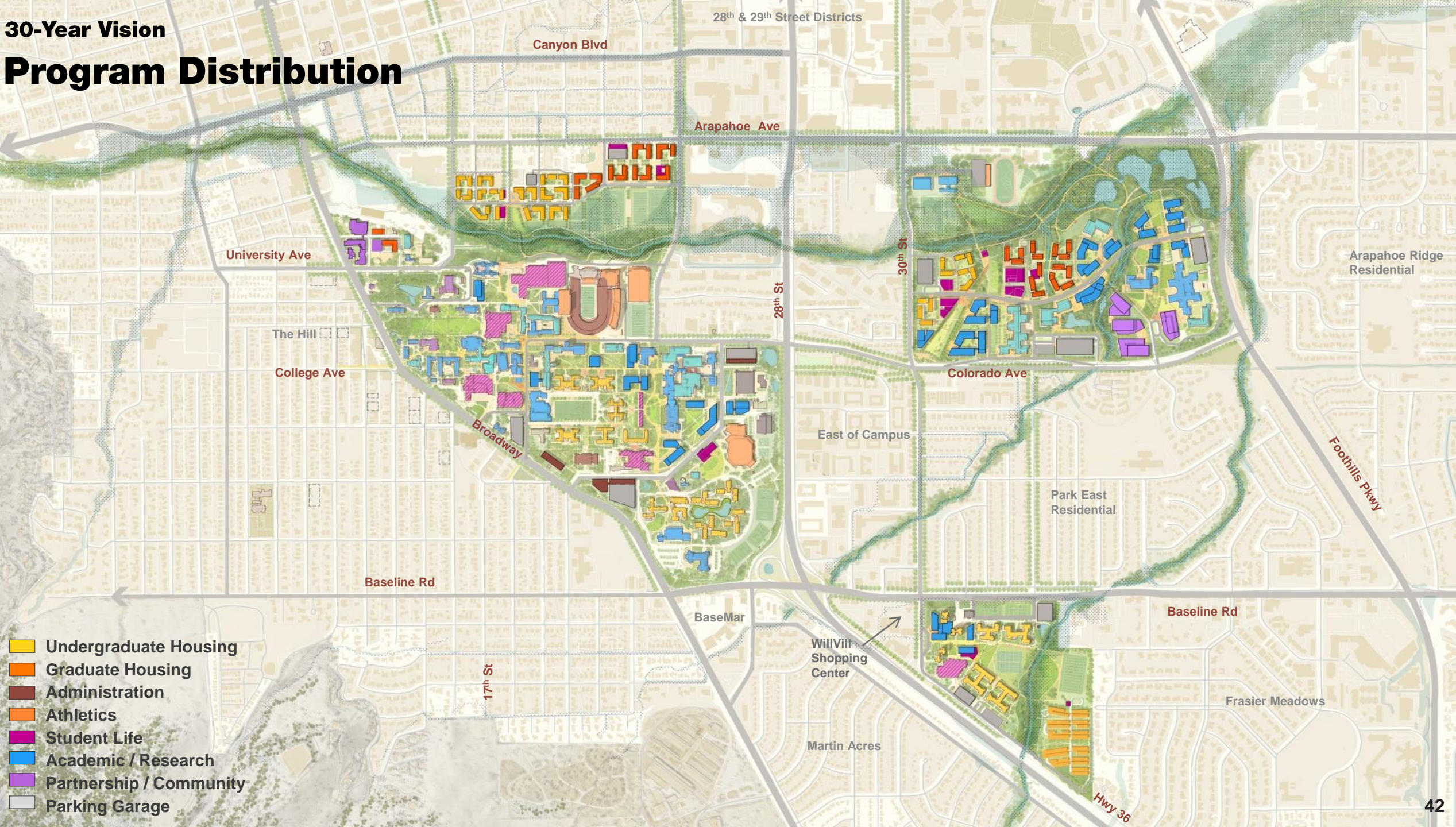


Existing Building
Proposed Buildings

30-Year Vision Program Distribution

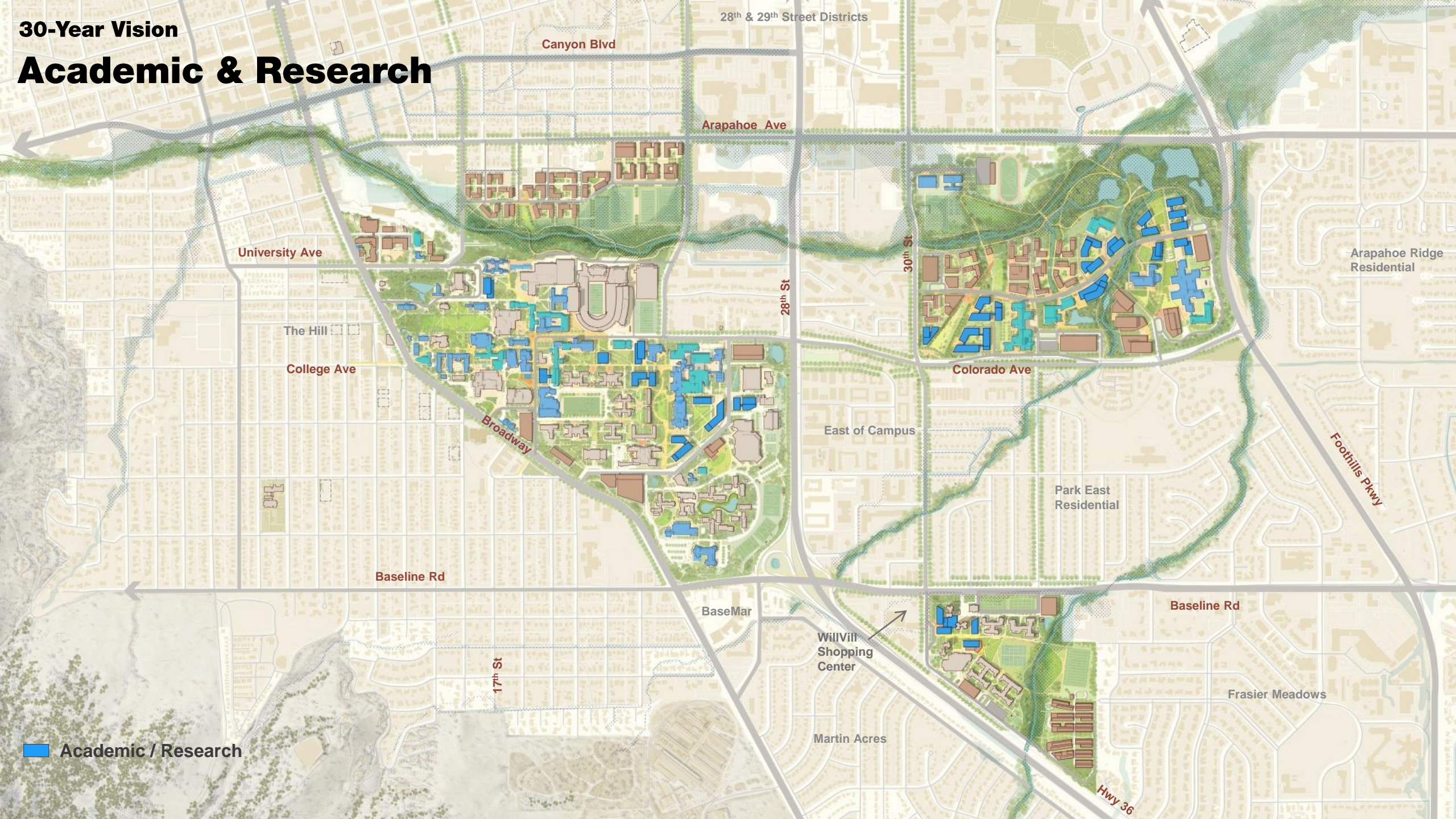


30-Year Vision Program Distribution



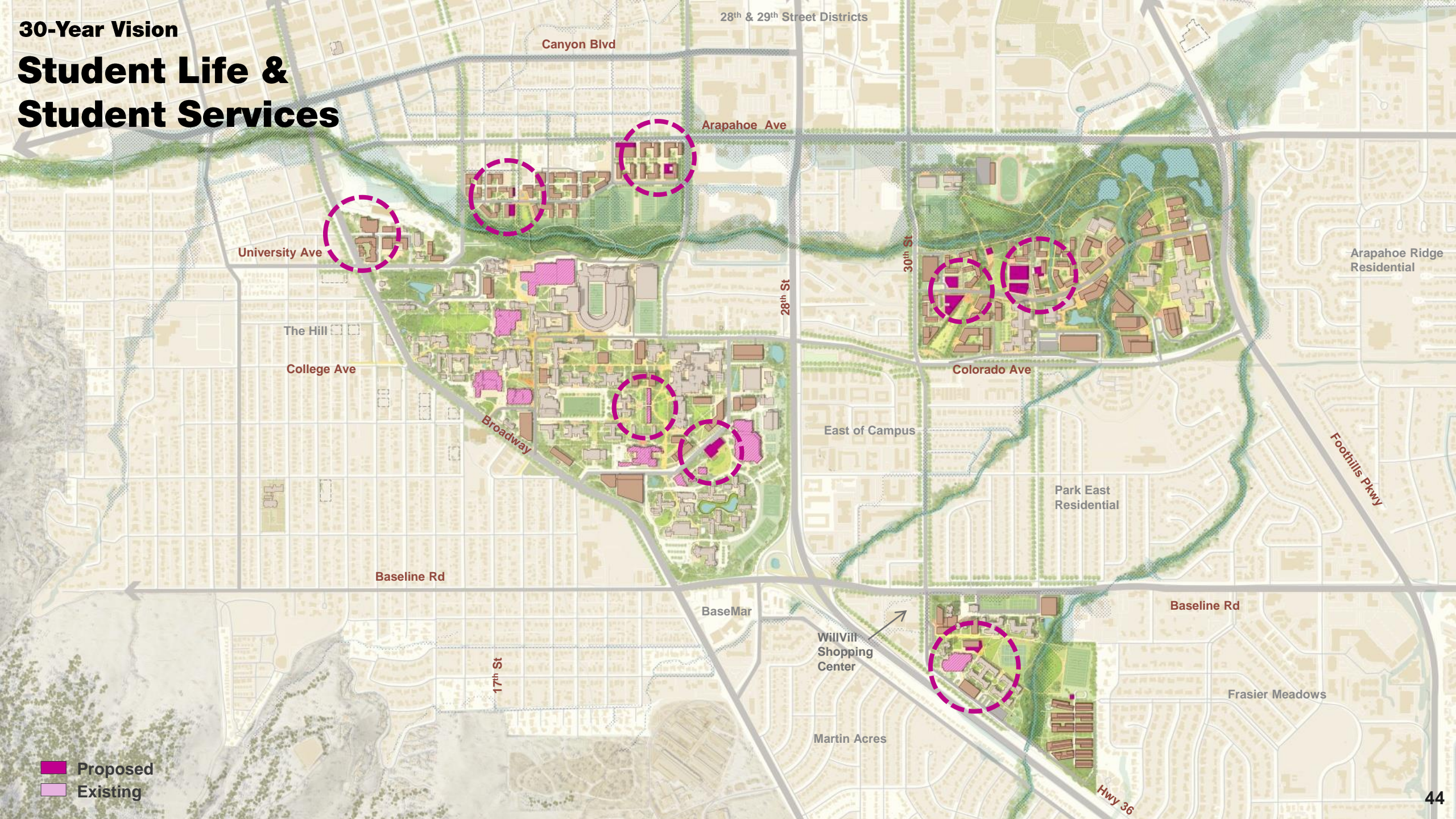
30-Year Vision

Academic & Research



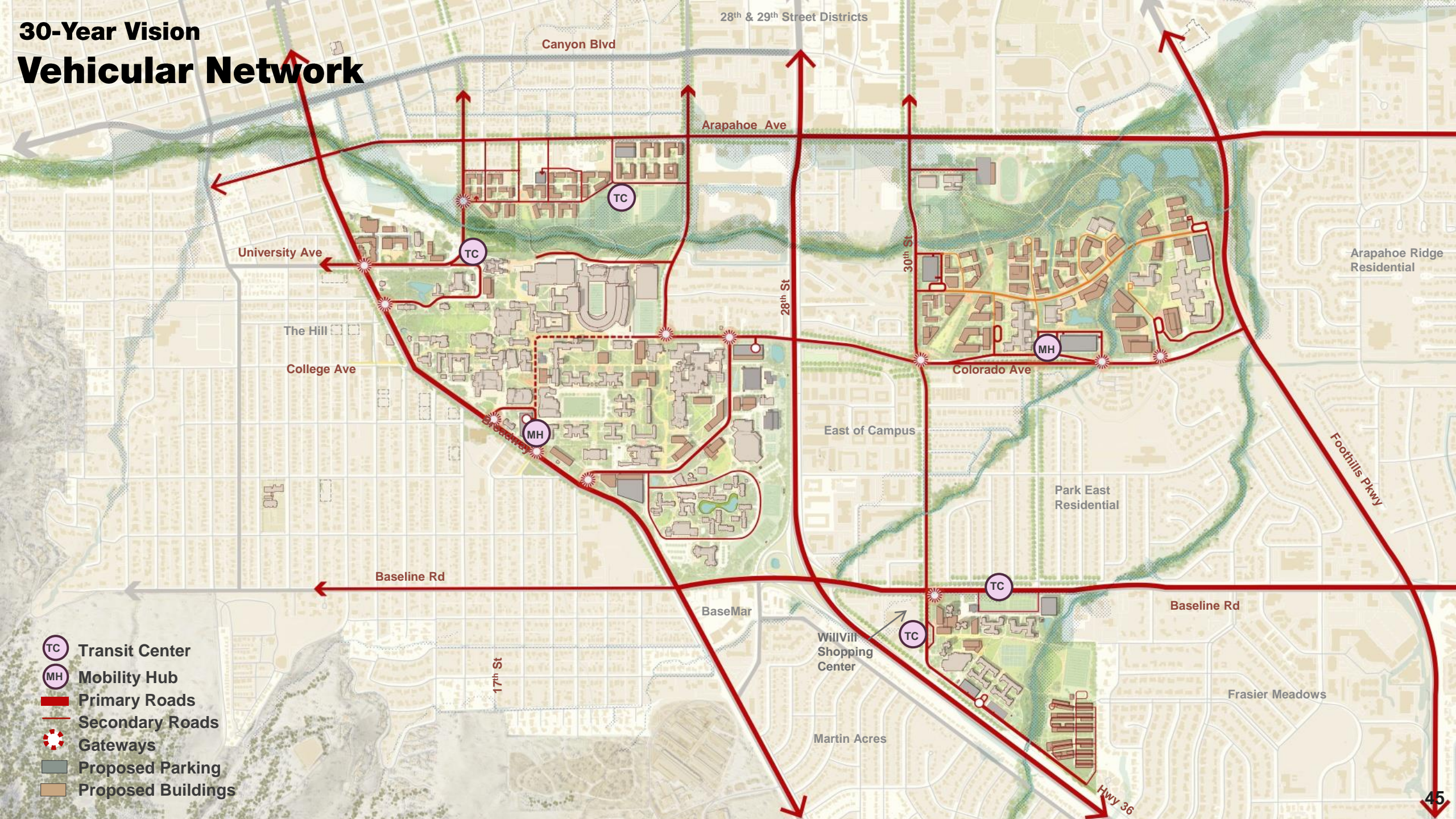
Academic / Research

Student Life & Student Services



Proposed
Existing

30-Year Vision Vehicular Network



-  Transit Center
-  Mobility Hub
-  Primary Roads
-  Secondary Roads
-  Gateways
-  Proposed Parking
-  Proposed Buildings

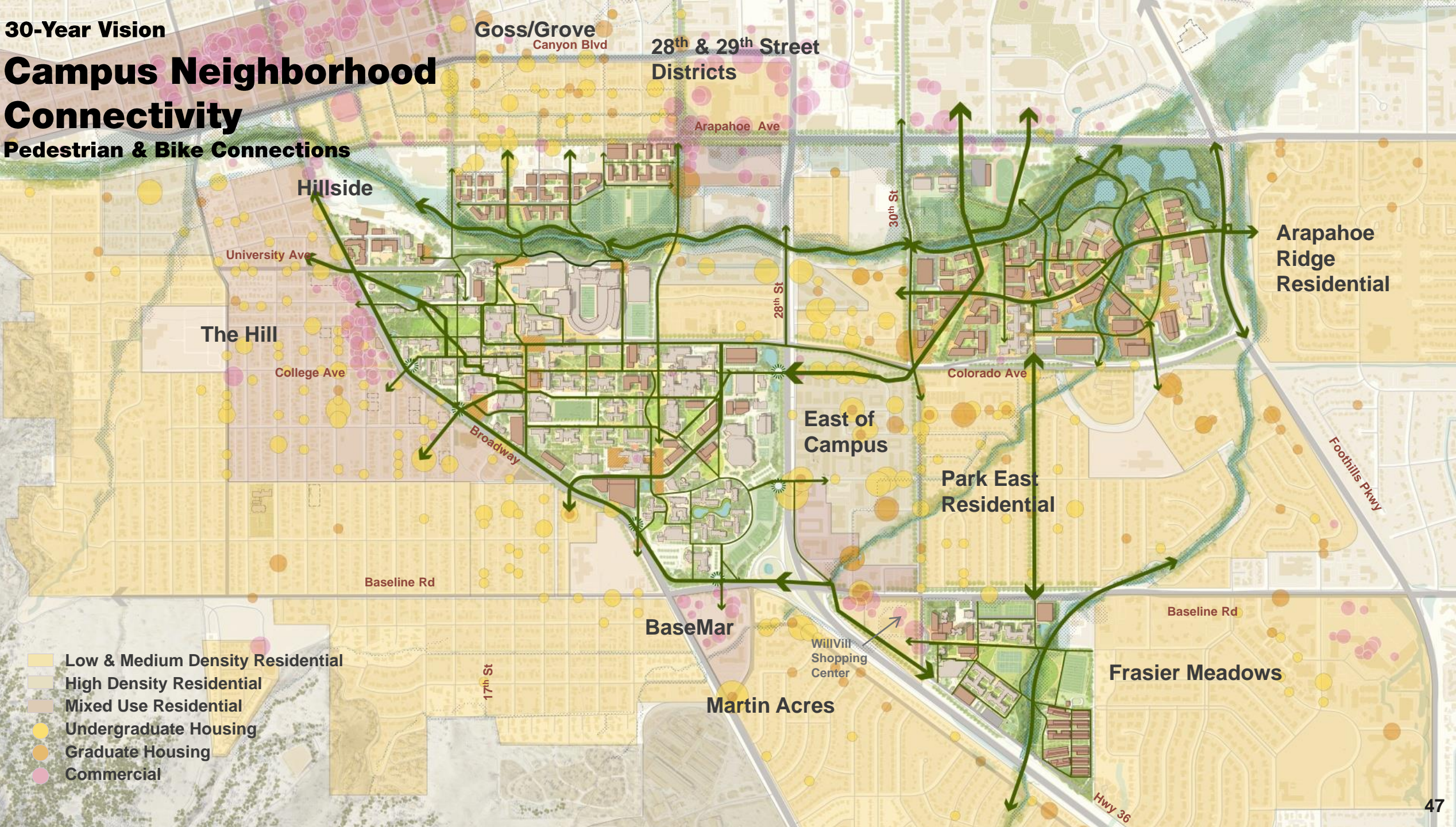
Main Campus Existing Conditions

Campus Context



Campus Neighborhood Connectivity

Pedestrian & Bike Connections



Context

Community Context

City of Boulder Planning Initiatives

Liquor Mart: redevelopment into 147 market rate rental units with 12,500sf retail

Millennium Harvest House: submission of preliminary planning documents to redevelop 16 acre site into student housing, including 418,000sf, 262 apartments, 10,000sf commercial

5900 Arapahoe: City Council approval of mixed-use development with 311 housing units and commercial space

Hill Hotel: City Council approval - seen as catalytic project for the neighborhood, includes 200 rooms and 7000sf commercial

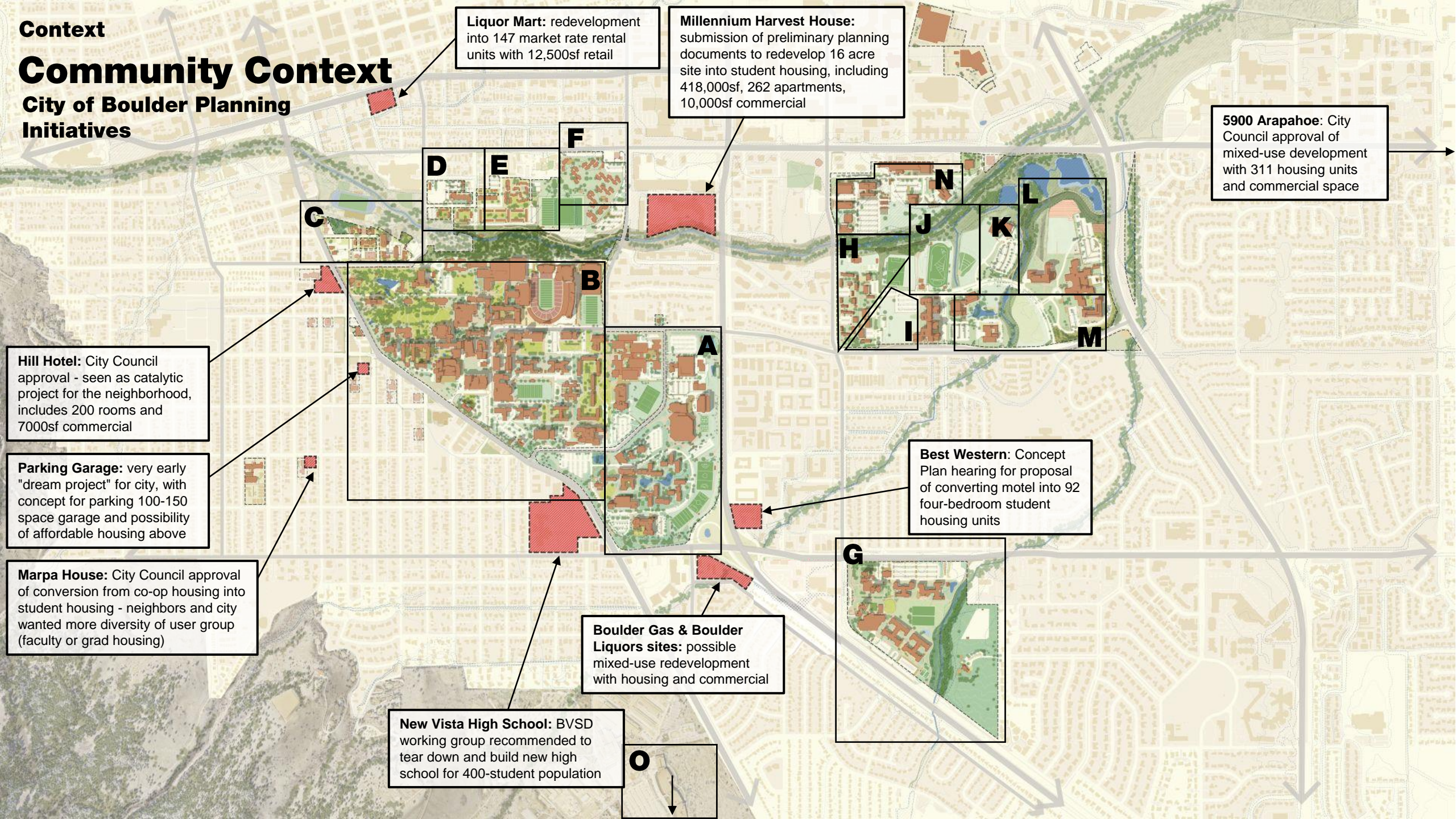
Parking Garage: very early "dream project" for city, with concept for parking 100-150 space garage and possibility of affordable housing above

Marpa House: City Council approval of conversion from co-op housing into student housing - neighbors and city wanted more diversity of user group (faculty or grad housing)

Boulder Gas & Boulder Liquors sites: possible mixed-use redevelopment with housing and commercial

New Vista High School: BVSD working group recommended to tear down and build new high school for 400-student population

Best Western: Concept Plan hearing for proposal of converting motel into 92 four-bedroom student housing units



6 Campus Frameworks

Main Campus

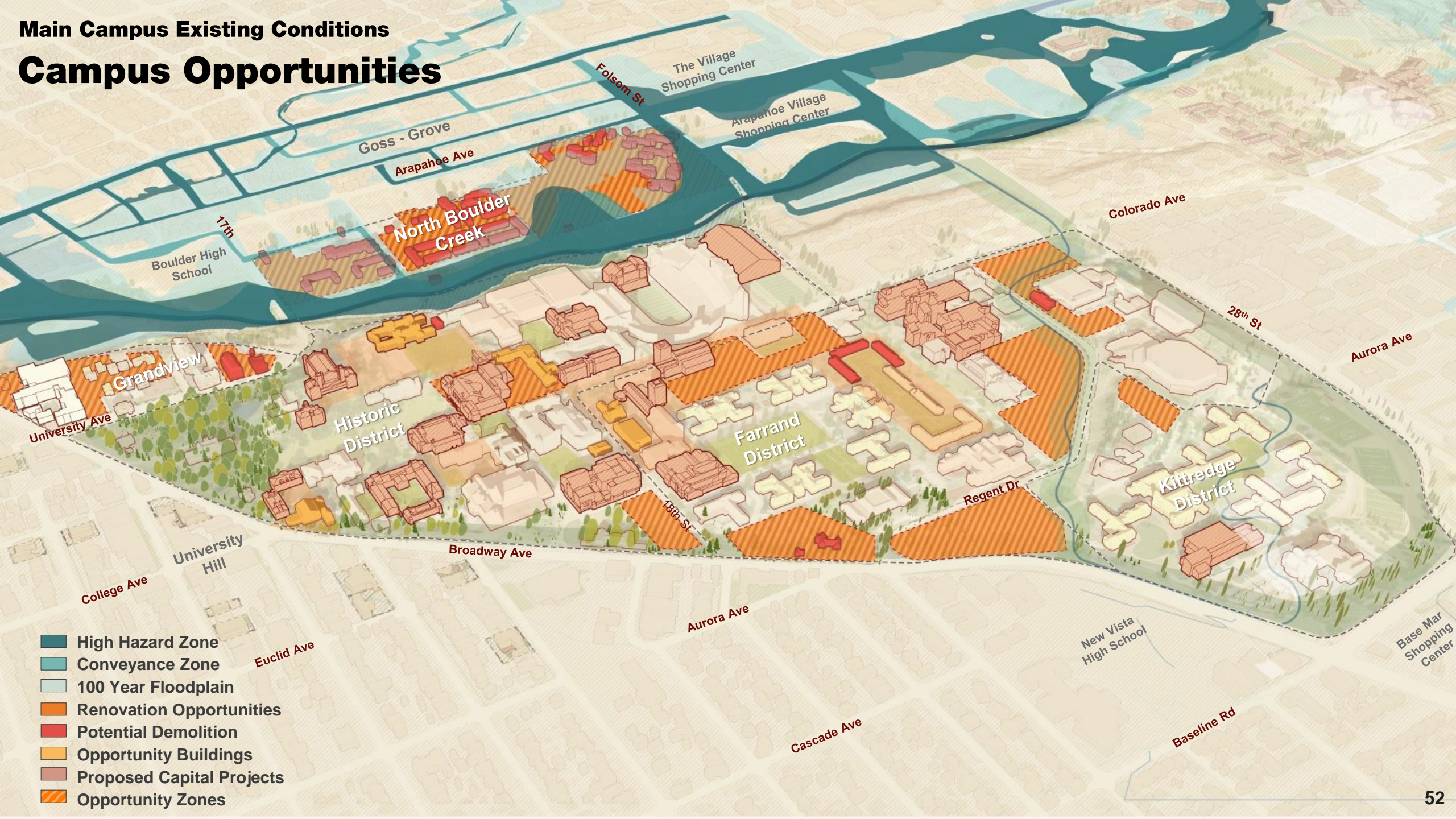
Main Campus Existing Conditions

Campus Today

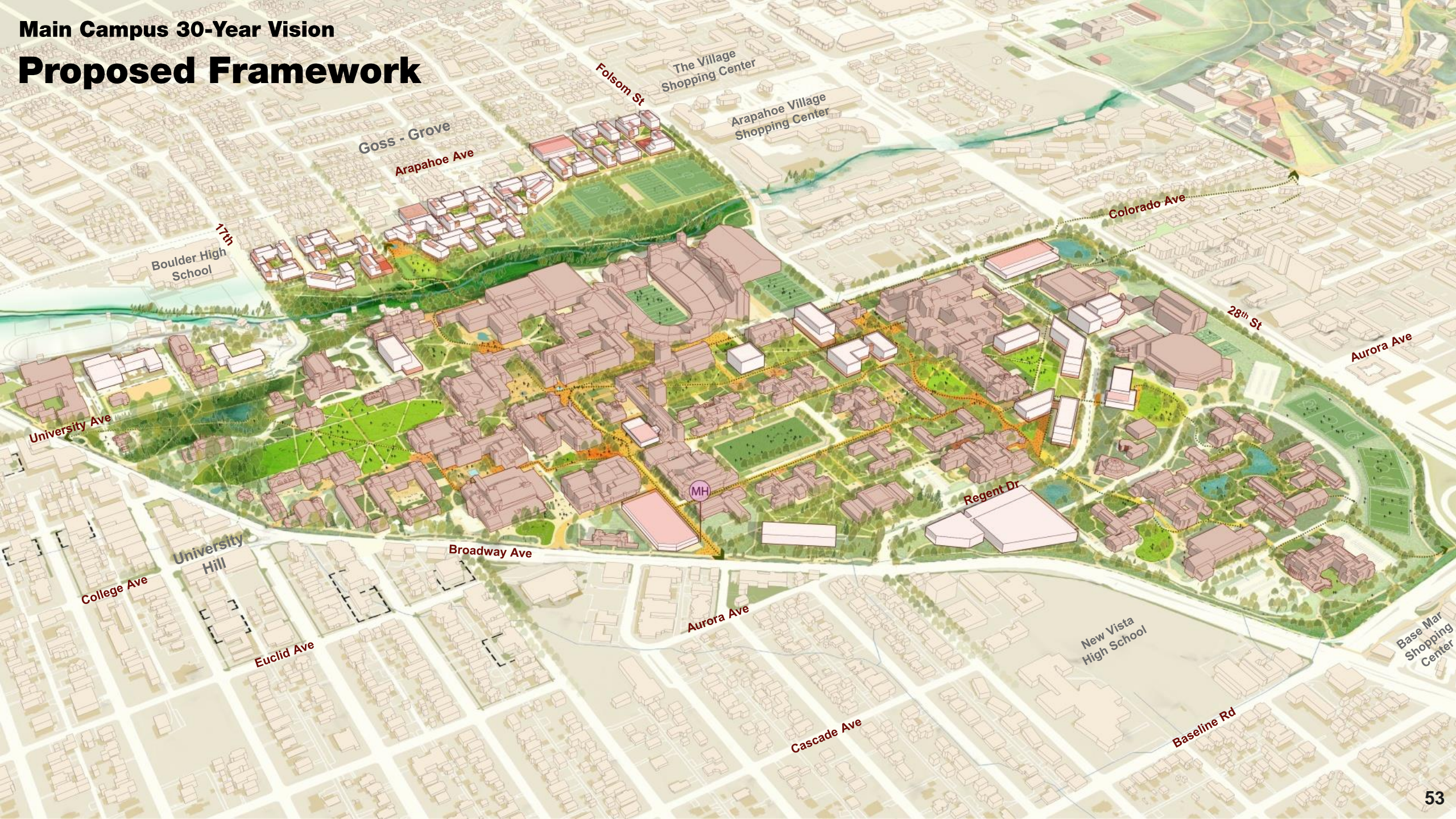


Main Campus Existing Conditions

Campus Opportunities

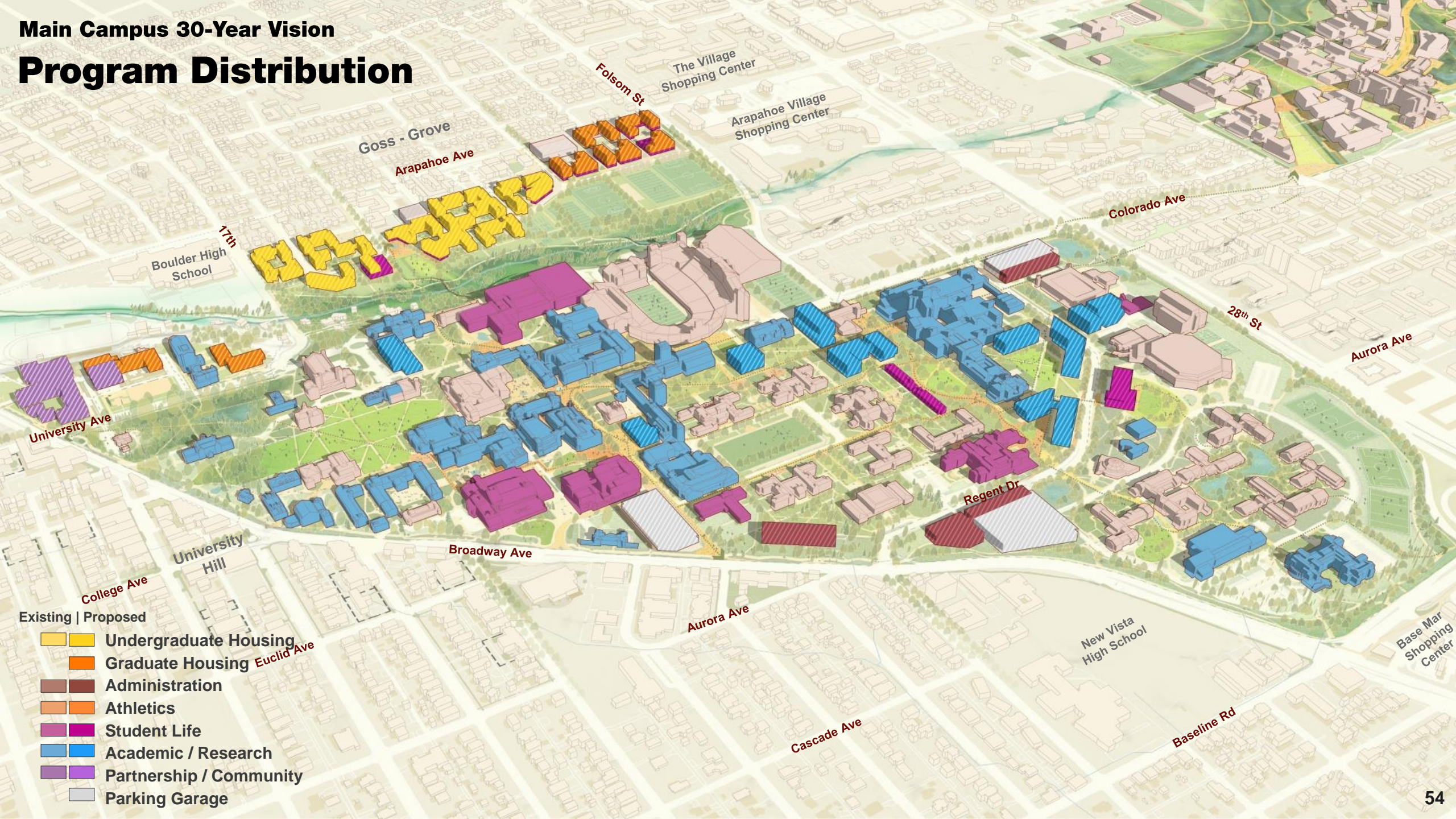


Main Campus 30-Year Vision
Proposed Framework



Main Campus 30-Year Vision

Program Distribution



Main Campus 30-Year Vision

Academic & Research Integration



Creative Design Hub
Potential new "design hub" with Sewall and adjacent new building

Teaching Lab Hub
Shared Teaching Labs, Faculty Coworking Spaces

Collab Classroom Hub
Shared Classrooms, Faculty Coworking Spaces

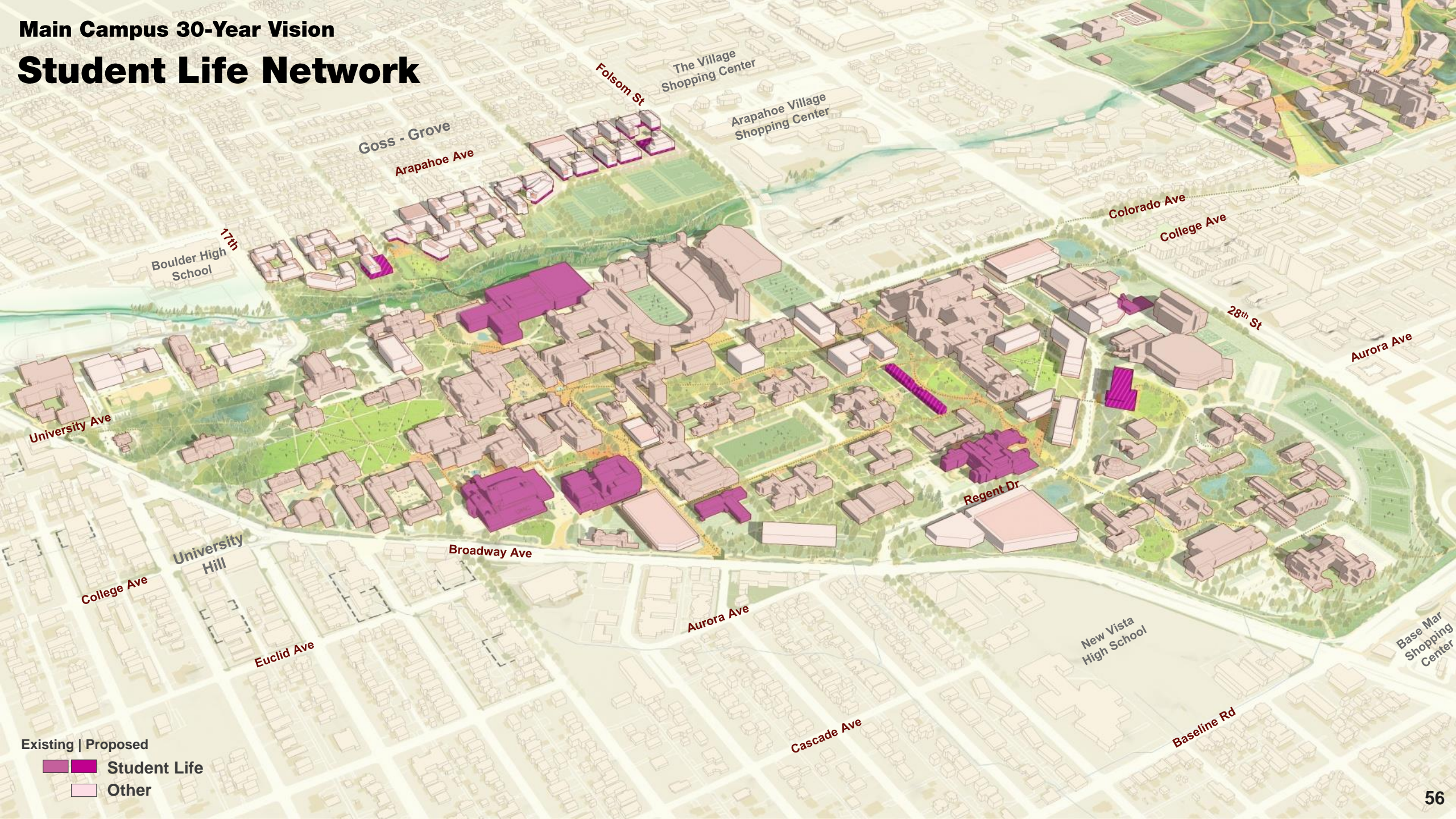
Existing | Proposed

■ Academic / Research

■ Other

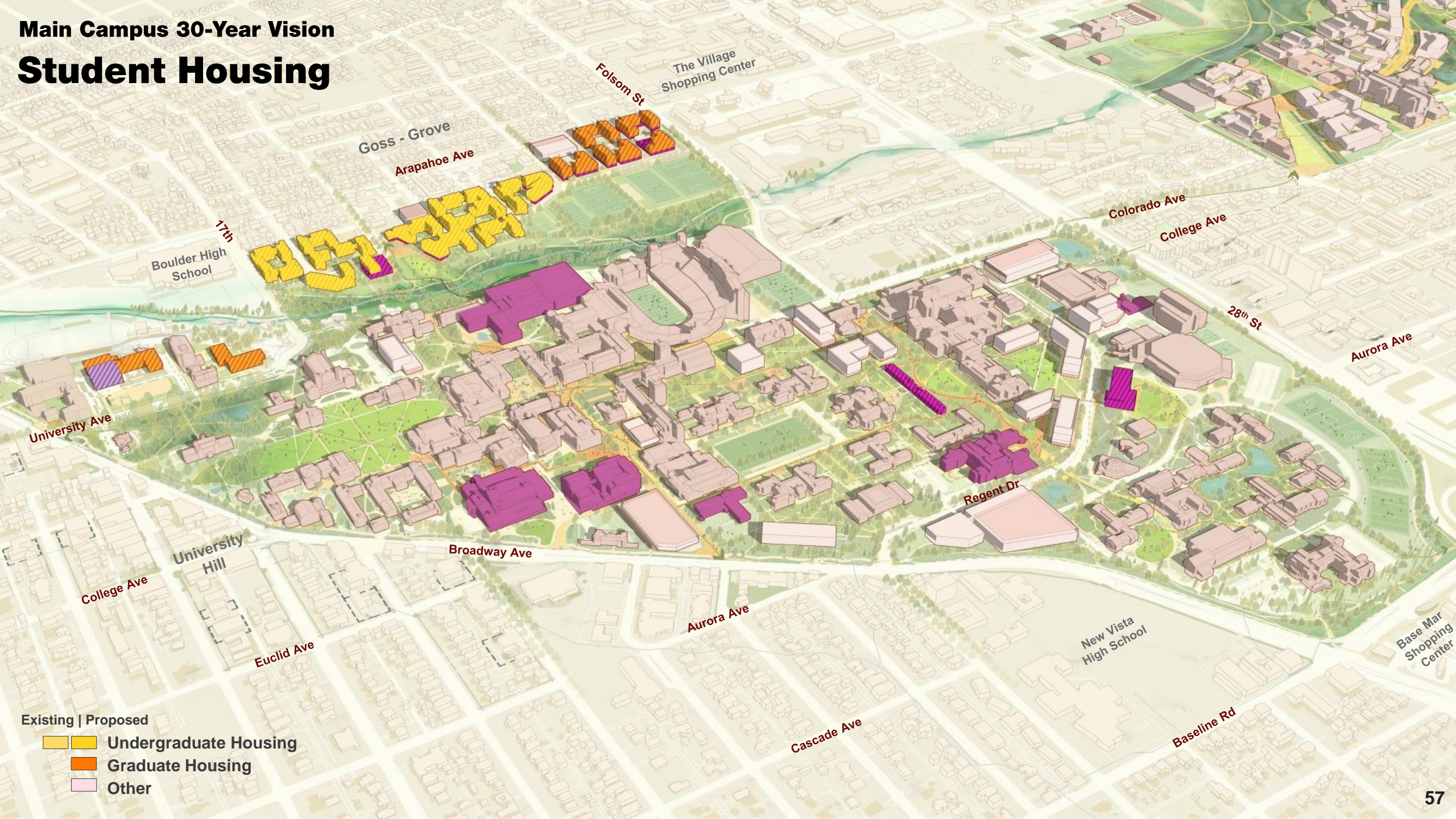
Main Campus 30-Year Vision

Student Life Network



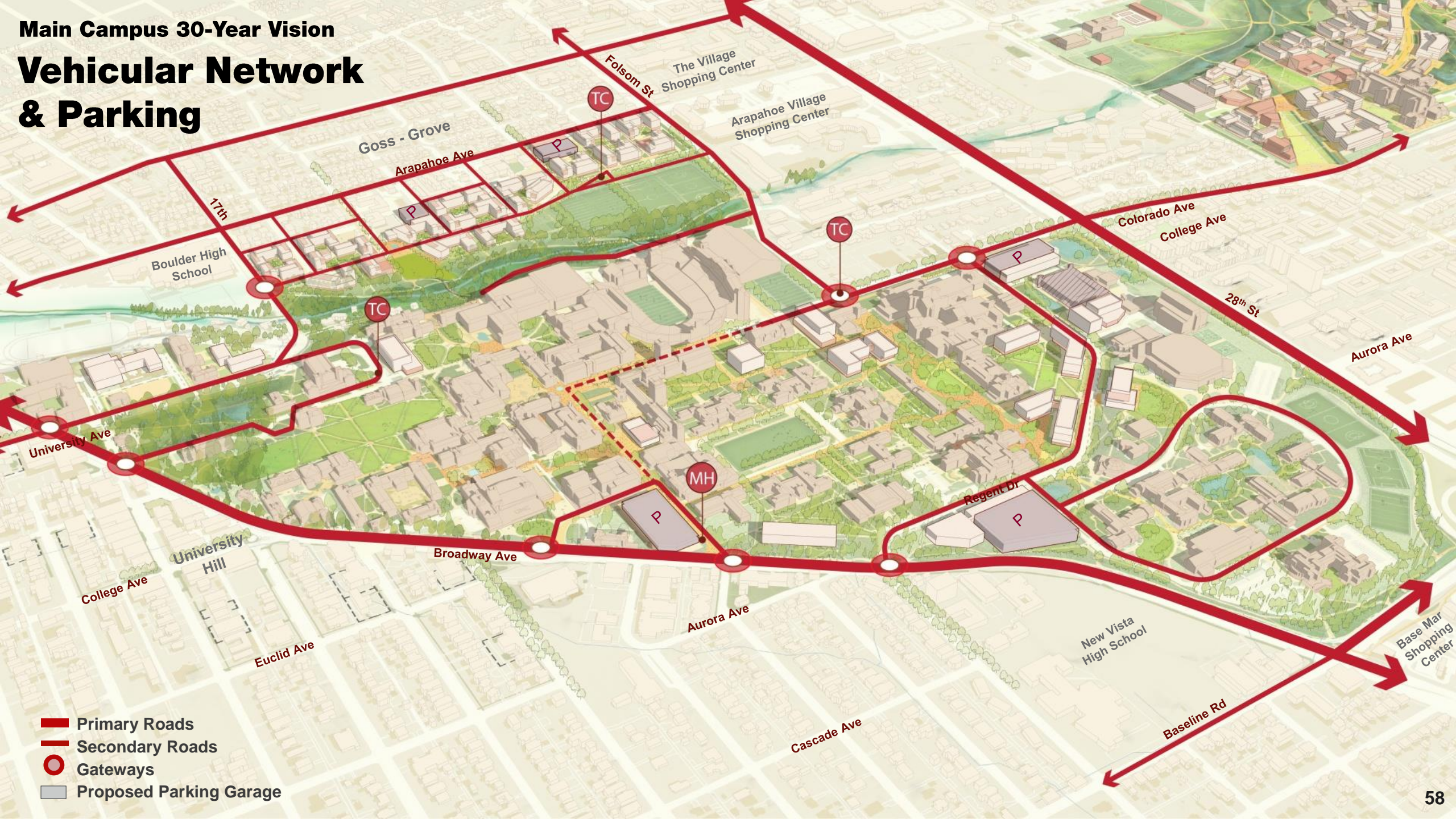
Main Campus 30-Year Vision

Student Housing



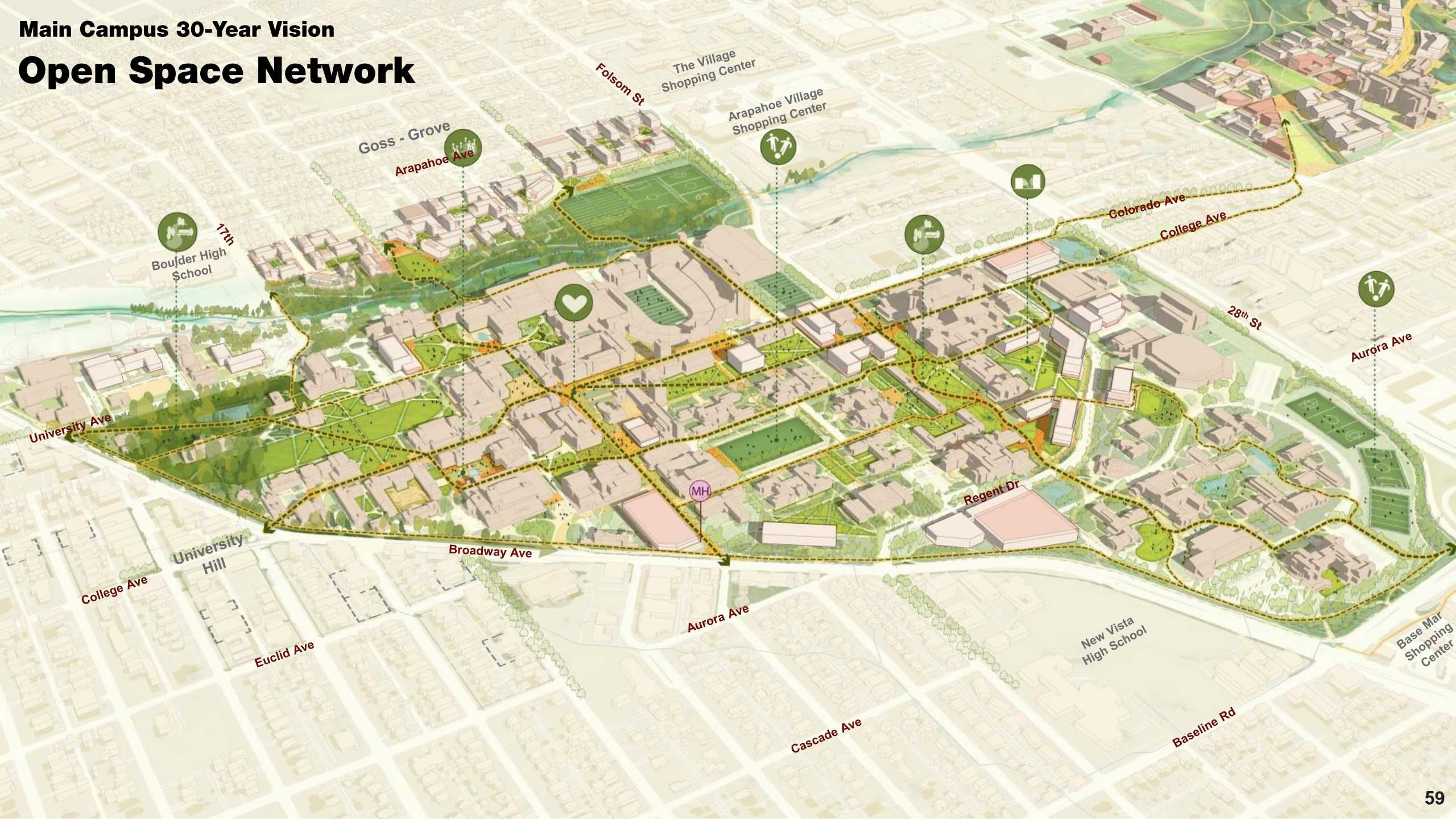
Main Campus 30-Year Vision

Vehicular Network & Parking



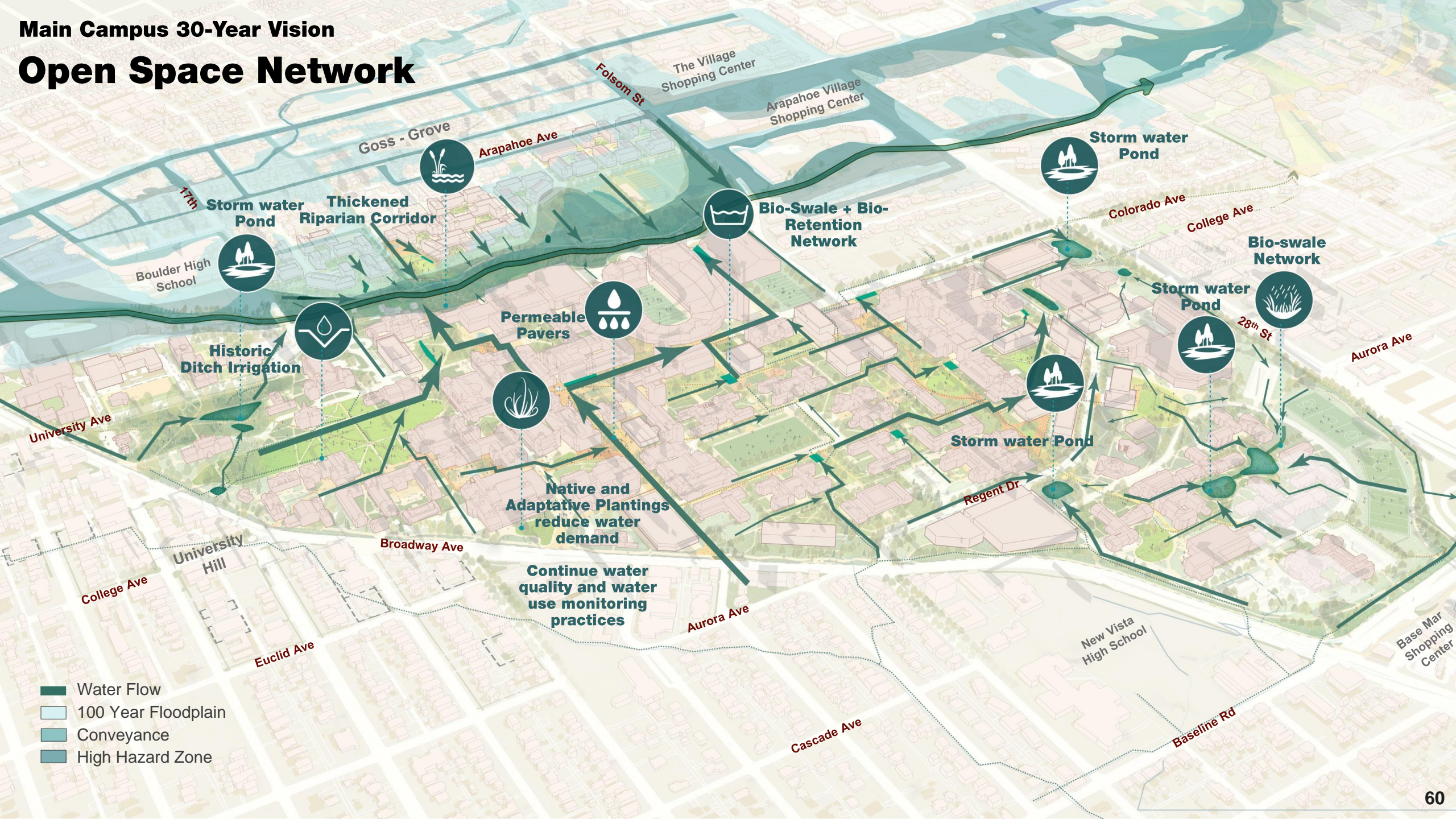
Main Campus 30-Year Vision

Open Space Network

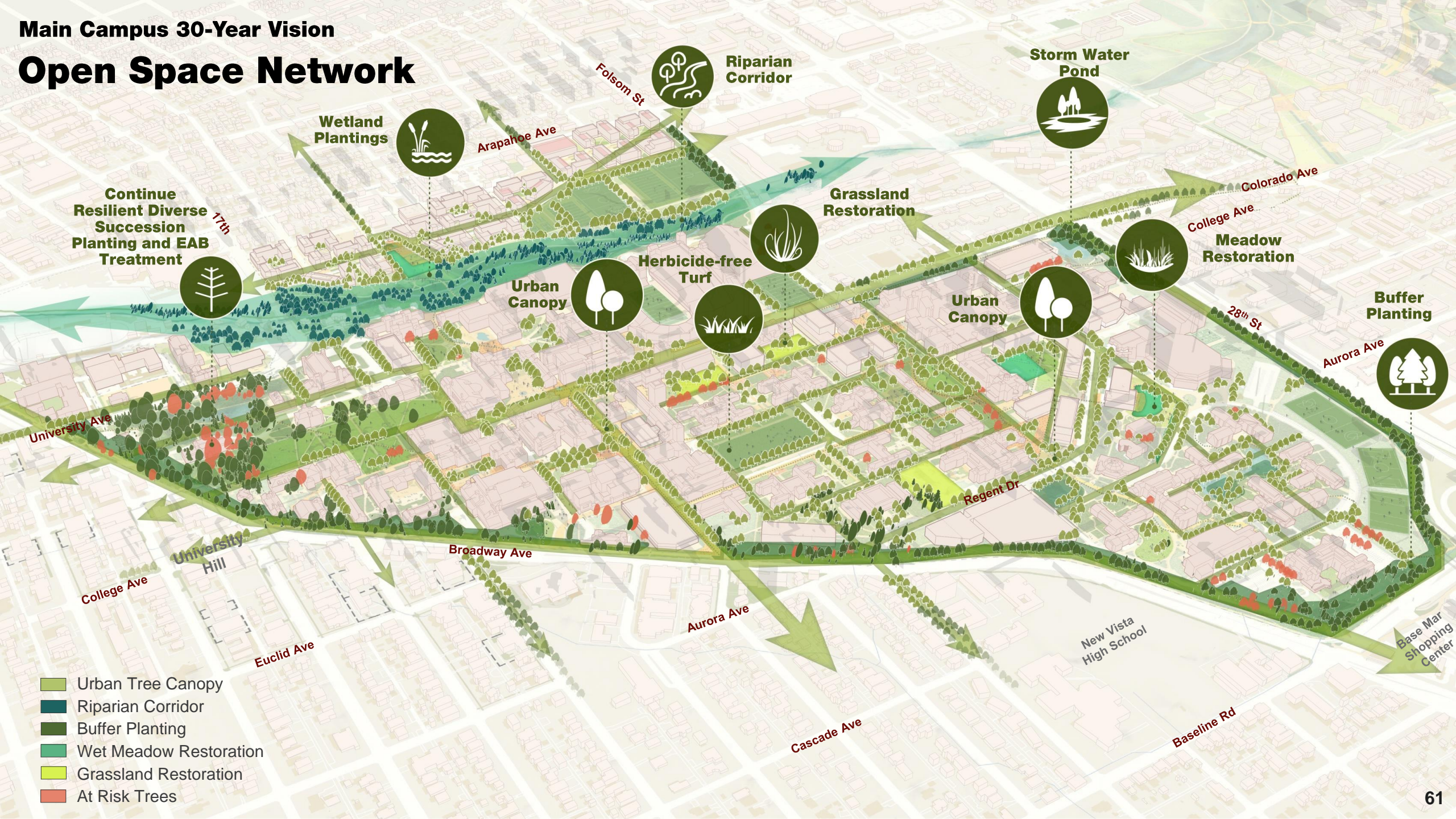


Main Campus 30-Year Vision

Open Space Network

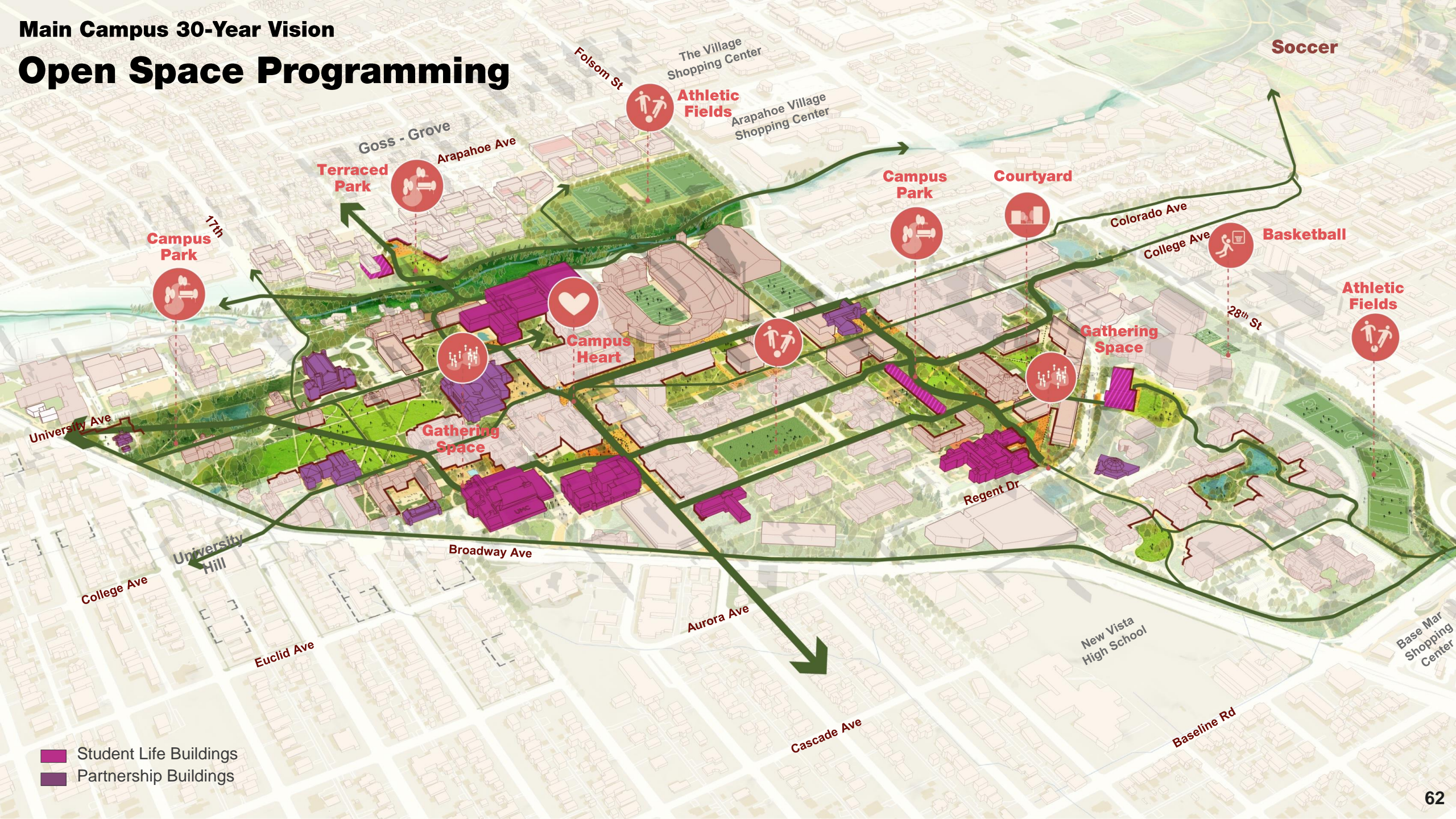


Open Space Network



Main Campus 30-Year Vision

Open Space Programming

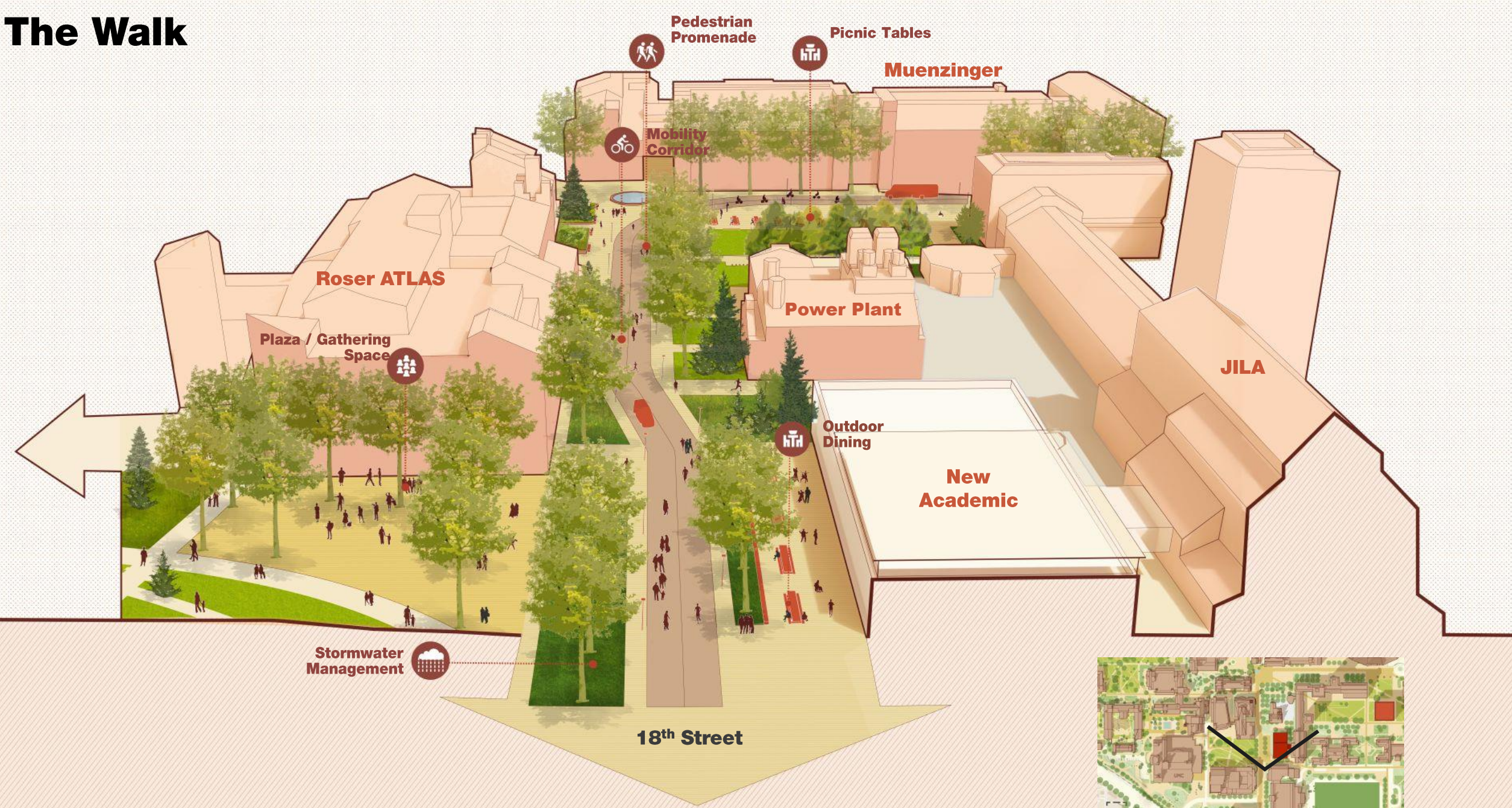


Main Campus Existing Conditions

The Walk



The Walk



Main Campus

Trumbo Fountain & Arts Plaza



Main Campus

Trumbo Fountain & Arts Plaza



Main Campus

Trumbo Fountain & Arts Plaza



Main Campus

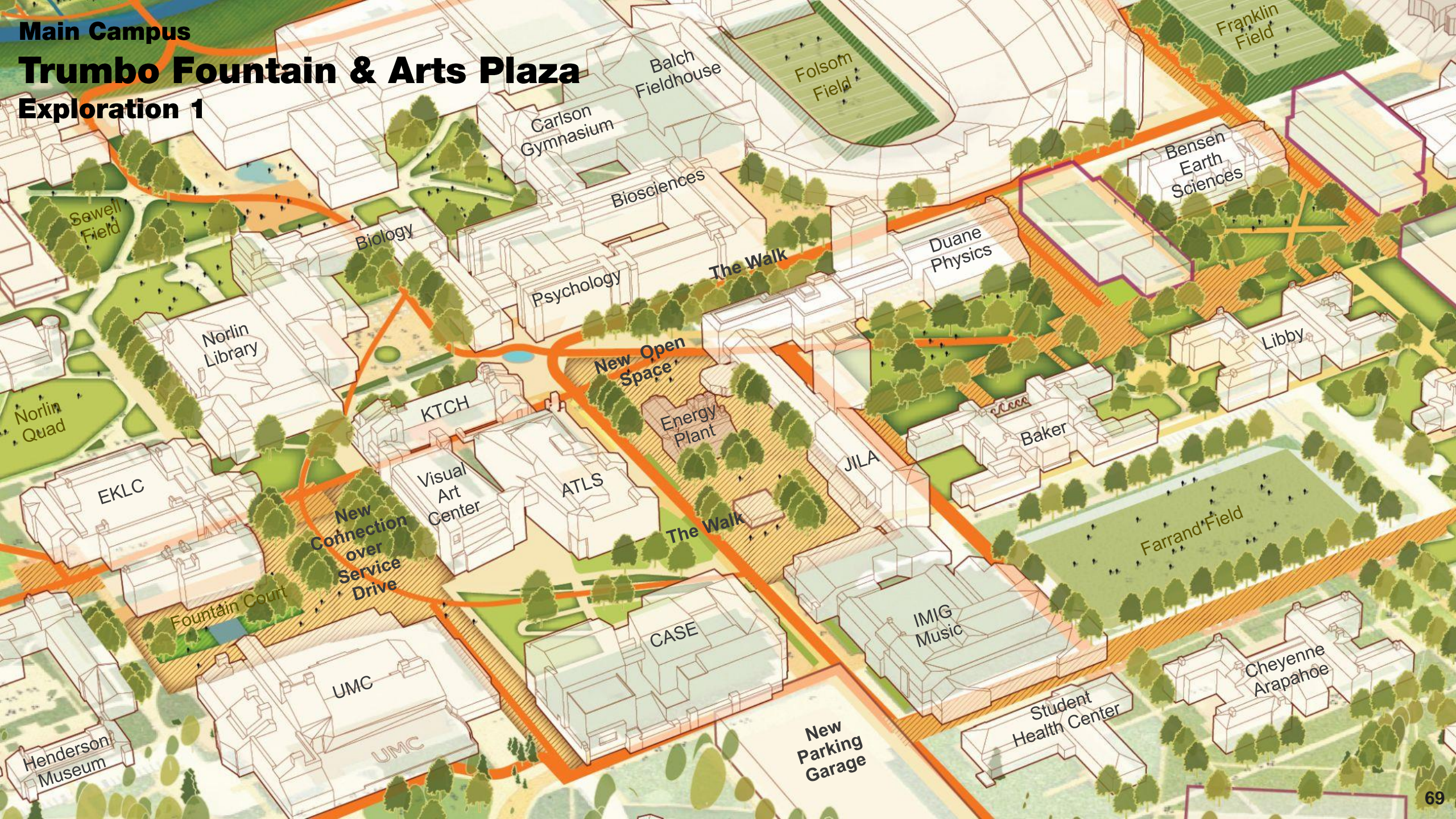
Trumbo Fountain & Arts Plaza

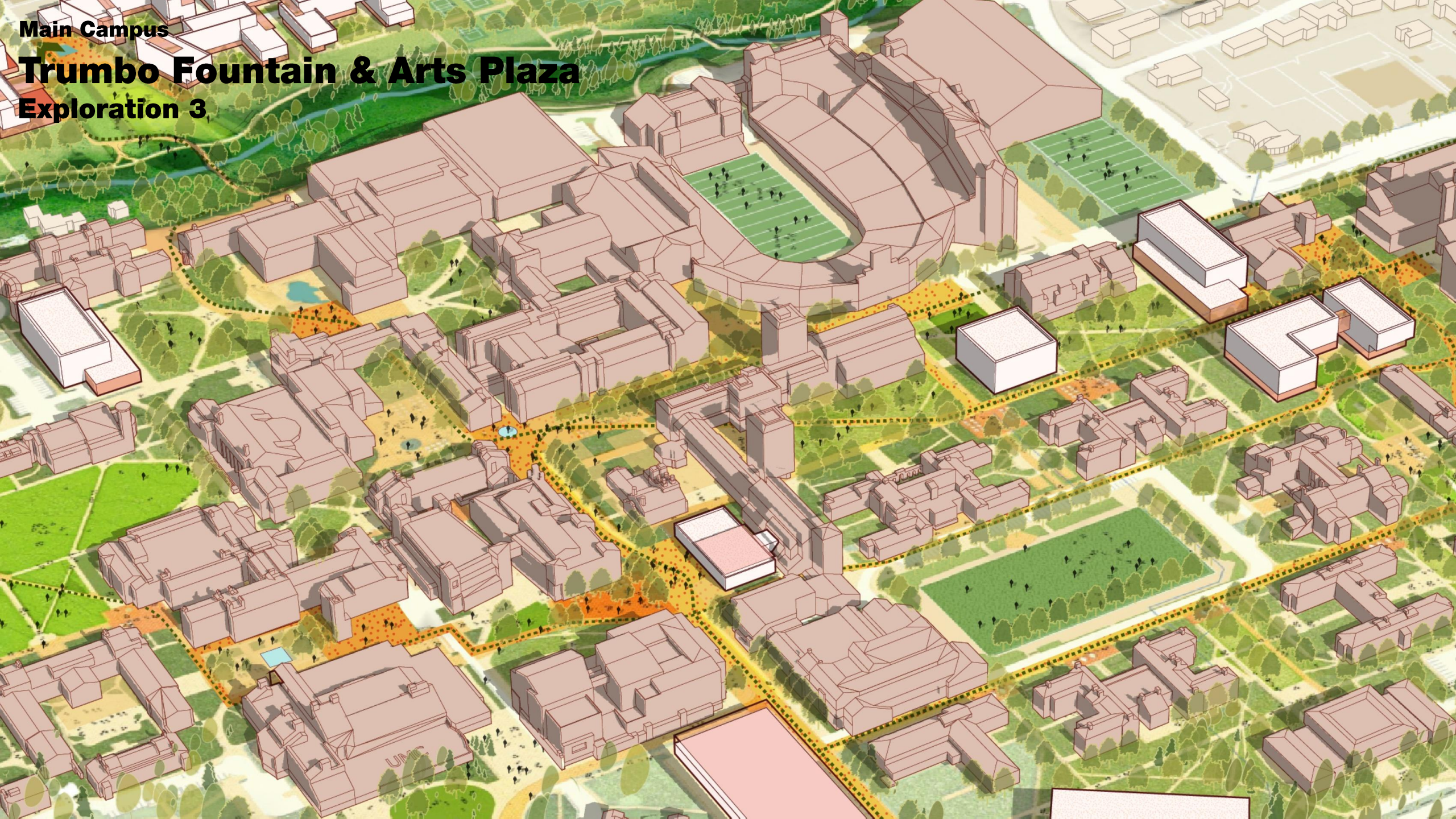


Main Campus

Trumbo Fountain & Arts Plaza

Exploration 1





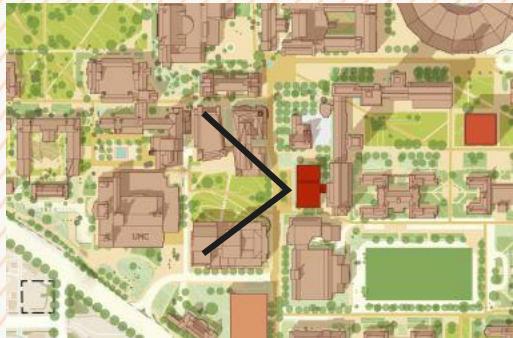
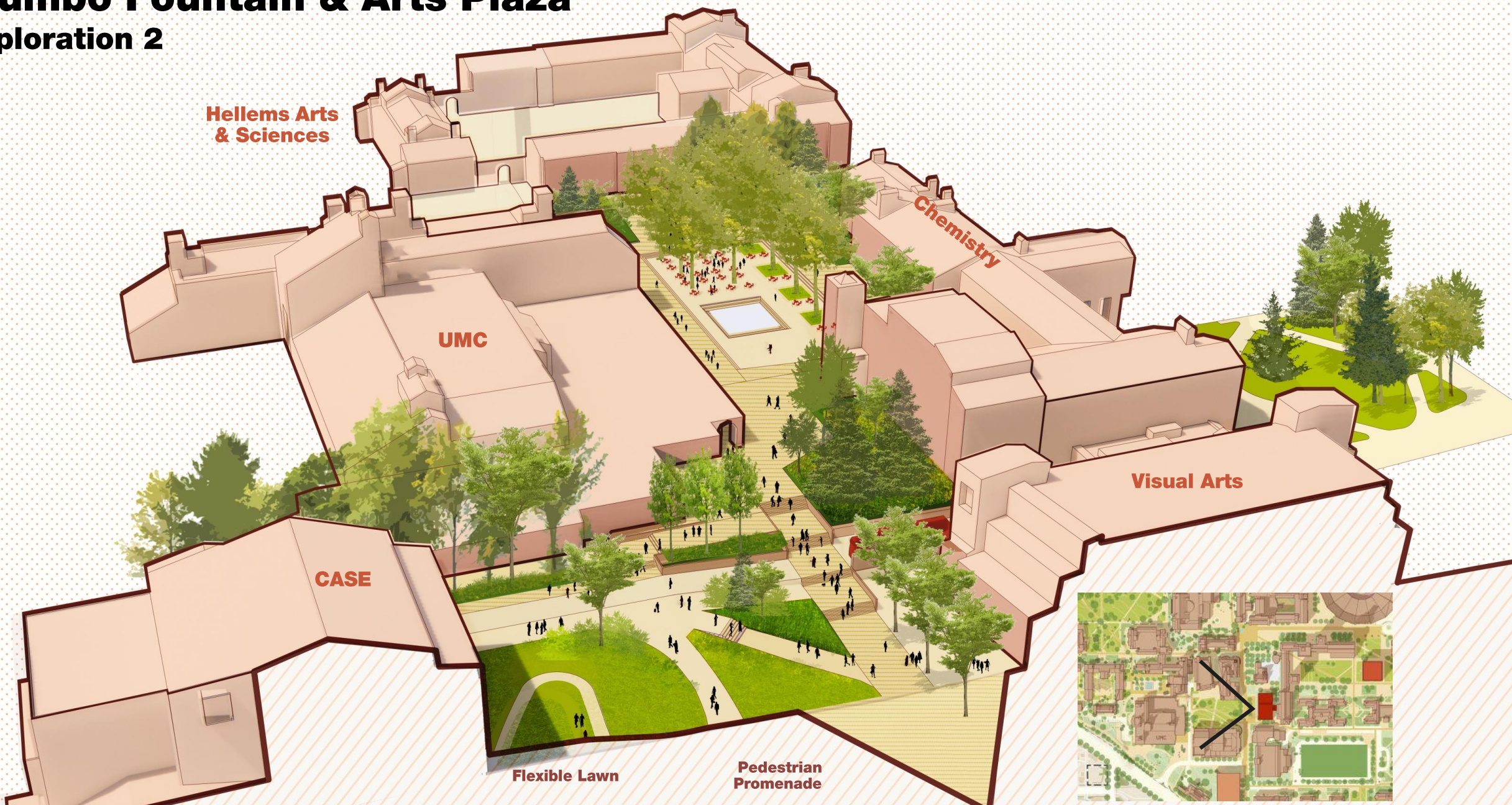
Main Campus

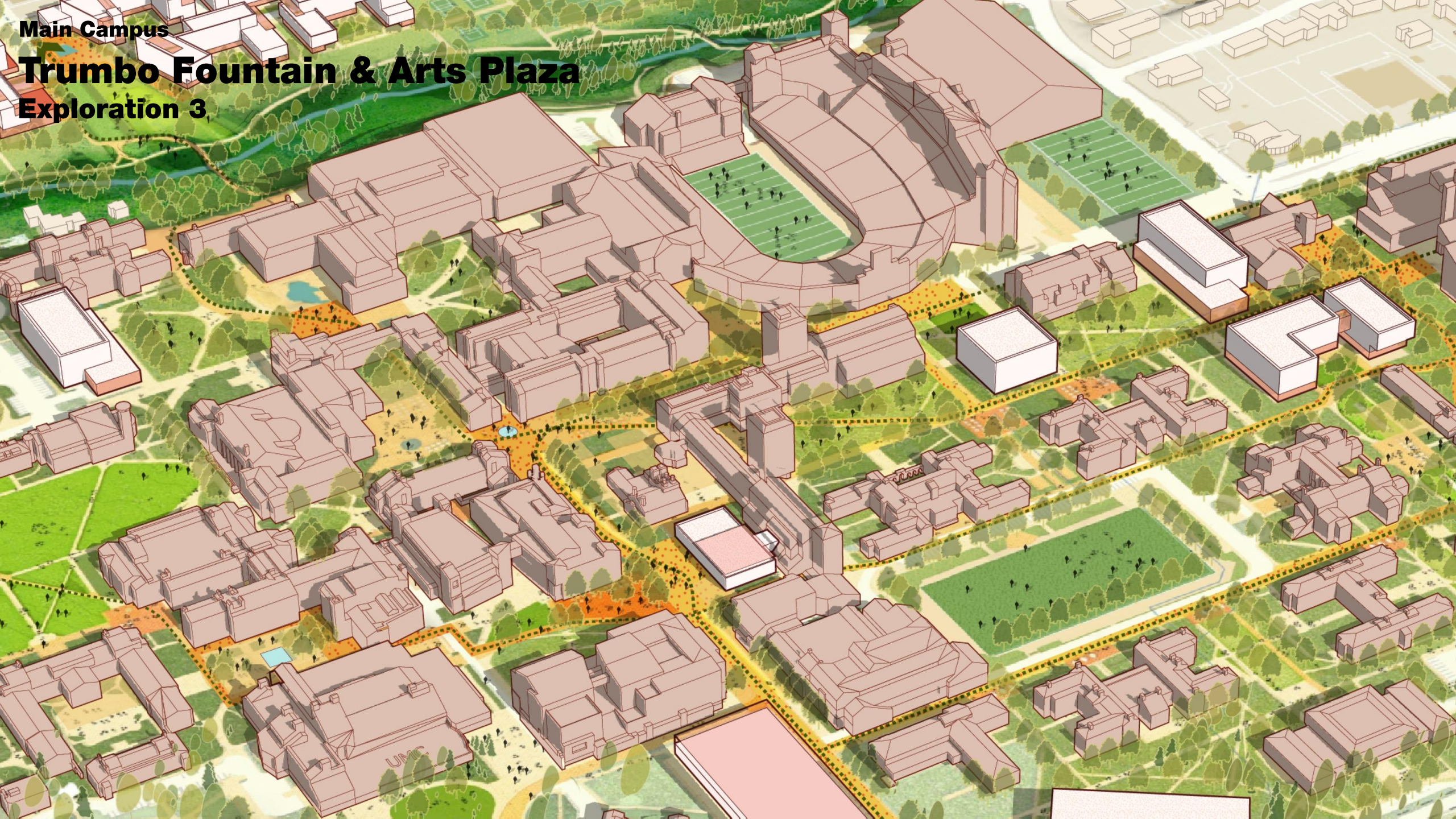
Trumbo Fountain & Arts Plaza

Exploration 3

Trumbo Fountain & Arts Plaza

Exploration 2





Main Campus

Trumbo Fountain & Arts Plaza

Exploration 3

Trumbo Fountain & Arts Plaza

Exploration 3



Main Campus Existing Conditions

Engineering Quad & Business Field



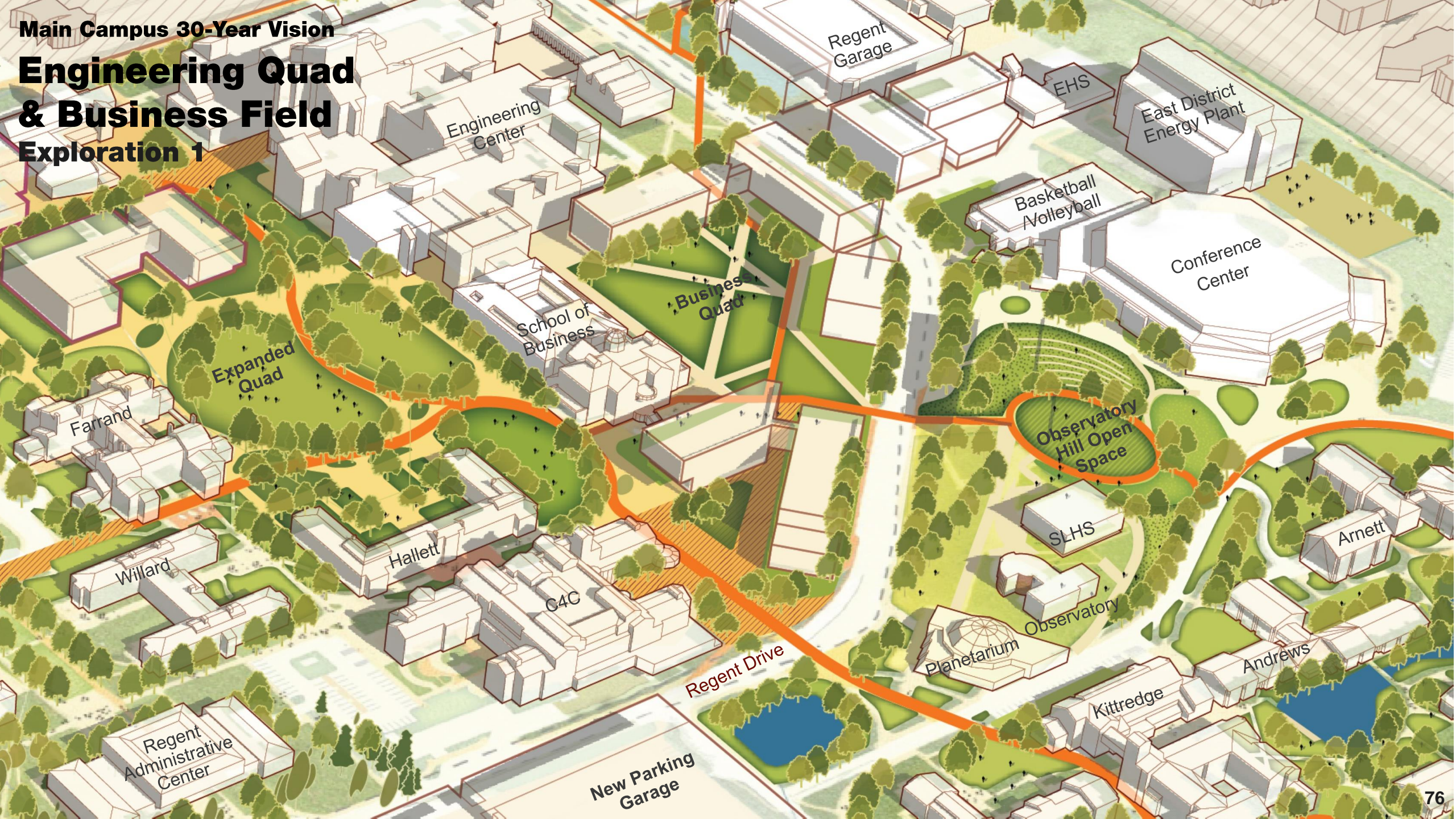
Main Campus Existing Conditions

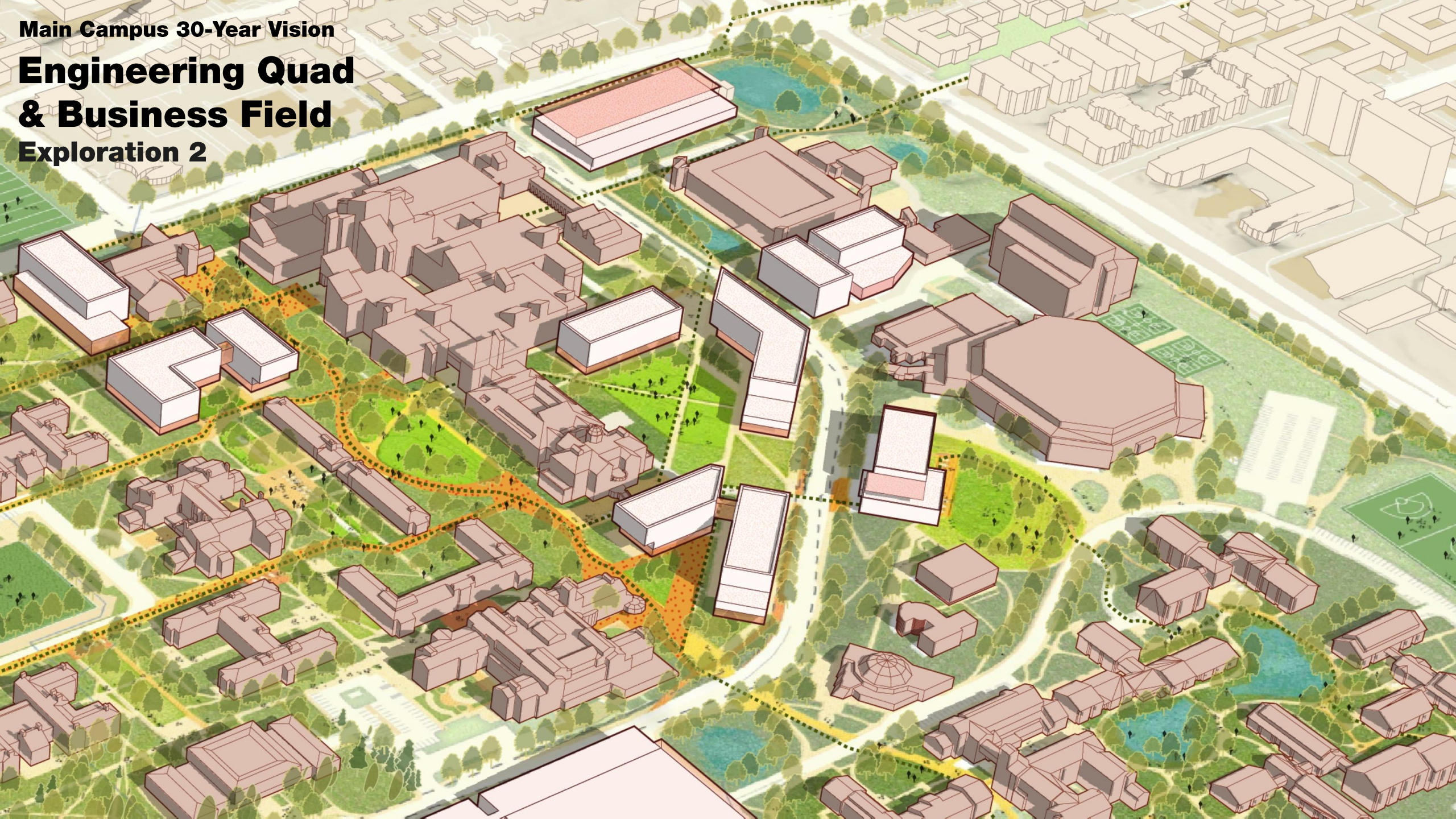
Engineering Quad & Business Field



Main Campus 30-Year Vision

Engineering Quad
& Business Field
Exploration 1





Main Campus 30-Year Vision

Engineering Quad & Business Field Exploration 2



Main Campus 30-Year Vision

Observatory Hill Potential

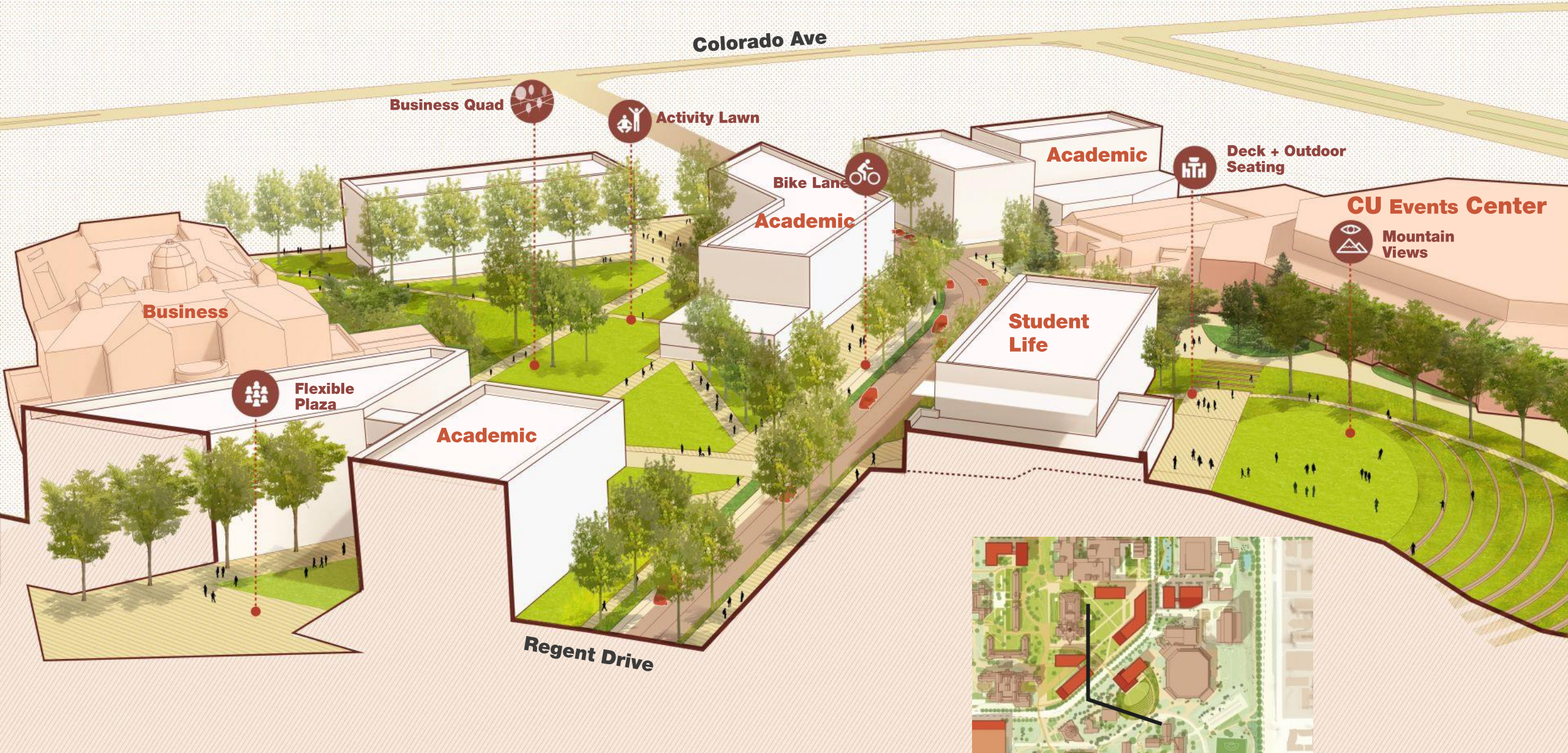
Main Campus 30-Year Vision

Observatory Hill Potential



Regent Drive & Business Field

Regent Drive & Business Field



Main Campus Existing Condition

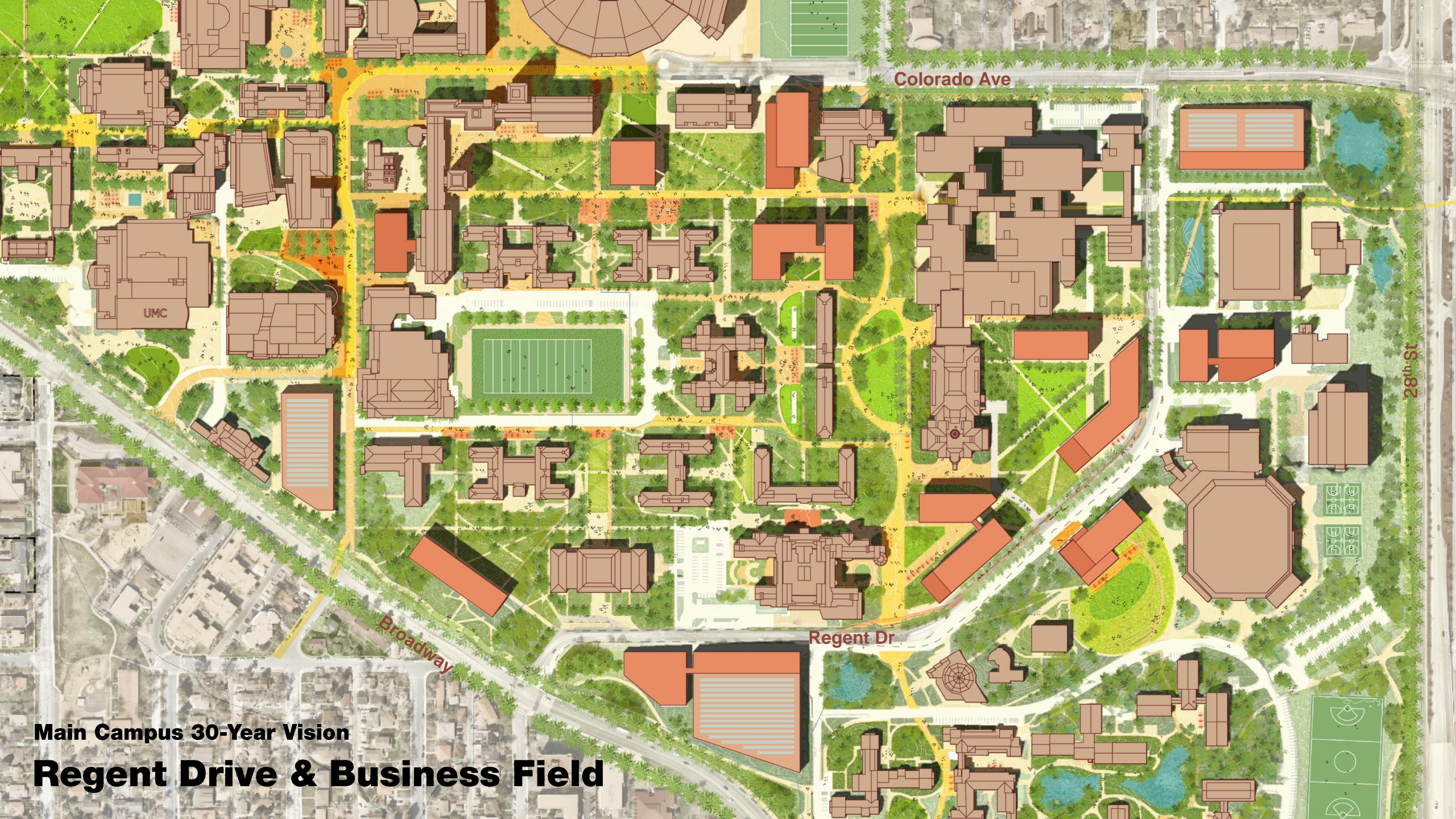
Regent Drive & Business Field



Main Campus 30-Year Vision

Regent Drive & Business Field





Colorado Ave

28th St

Regent Dr

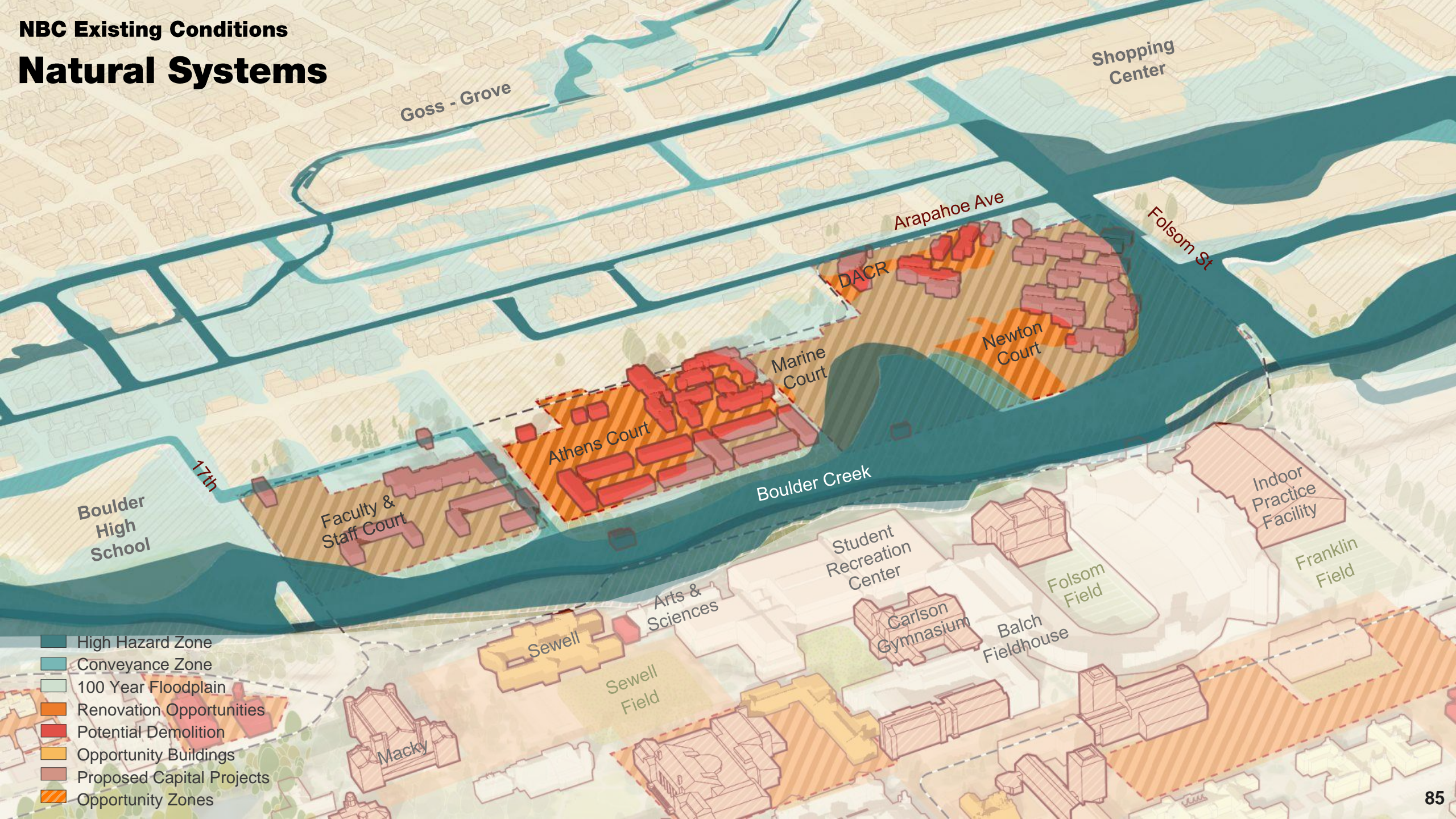
Broadway

Main Campus 30-Year Vision
Regent Drive & Business Field

North Boulder Creek

NBC Existing Conditions

Natural Systems



Proposed Framework
Exploration 1



Proposed Framework
Exploration 2



Proposed Framework
Exploration 3



NBC 30-Year Vision

Student Activity



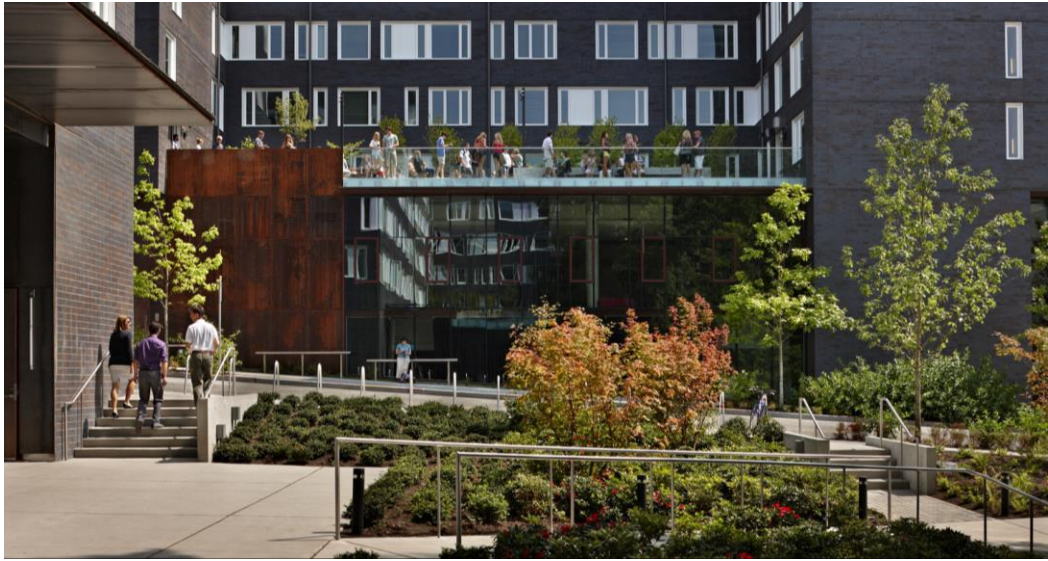
Student Life

Housing Distribution



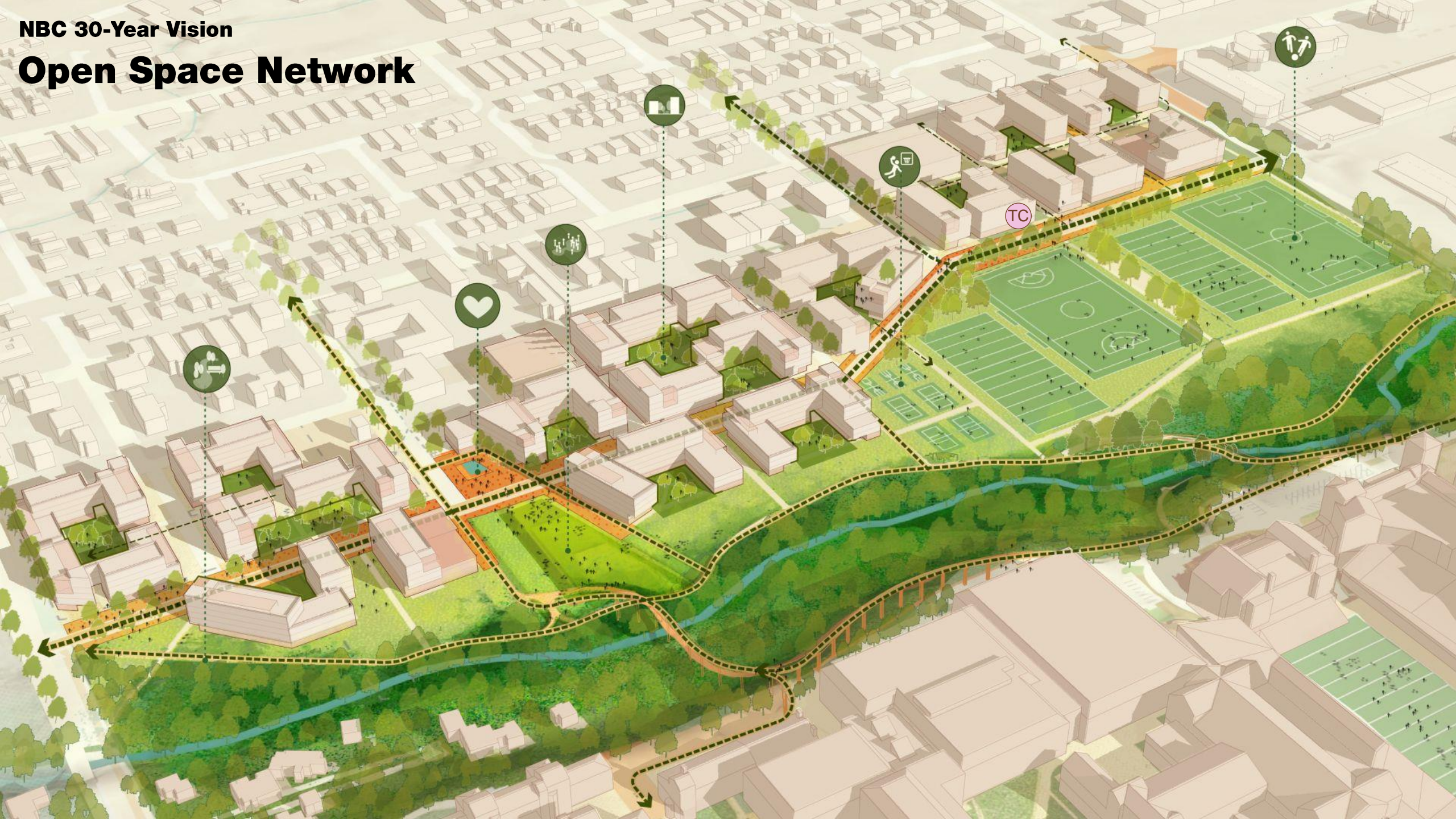
- Undergraduate Housing
- Graduate Housing
- Student Life

Student Housing Precedents



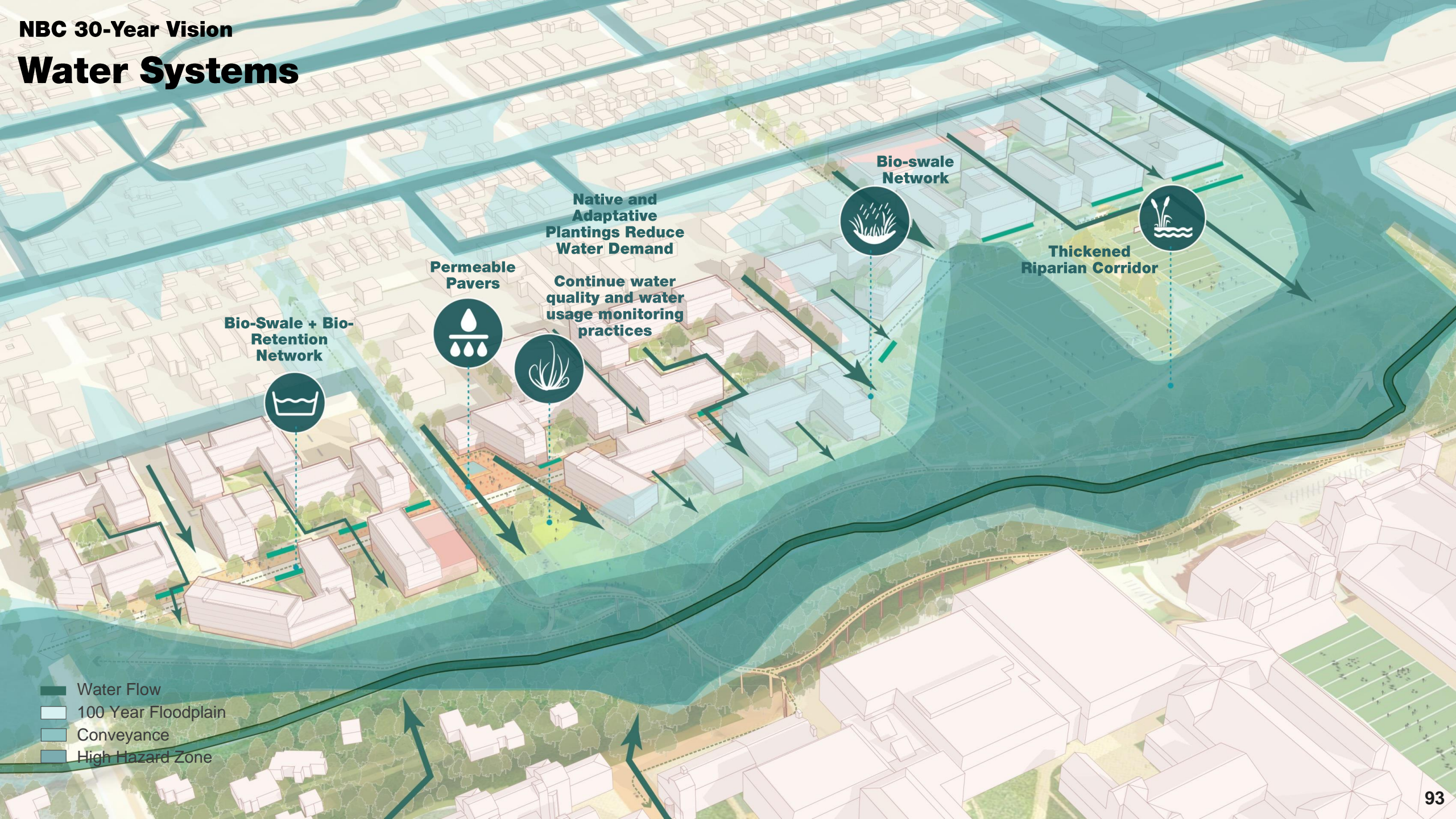
NBC 30-Year Vision

Open Space Network



NBC 30-Year Vision

Water Systems



NBC 30-Year Vision

Planting Zones



Urban Tree Canopy

Riparian Planting

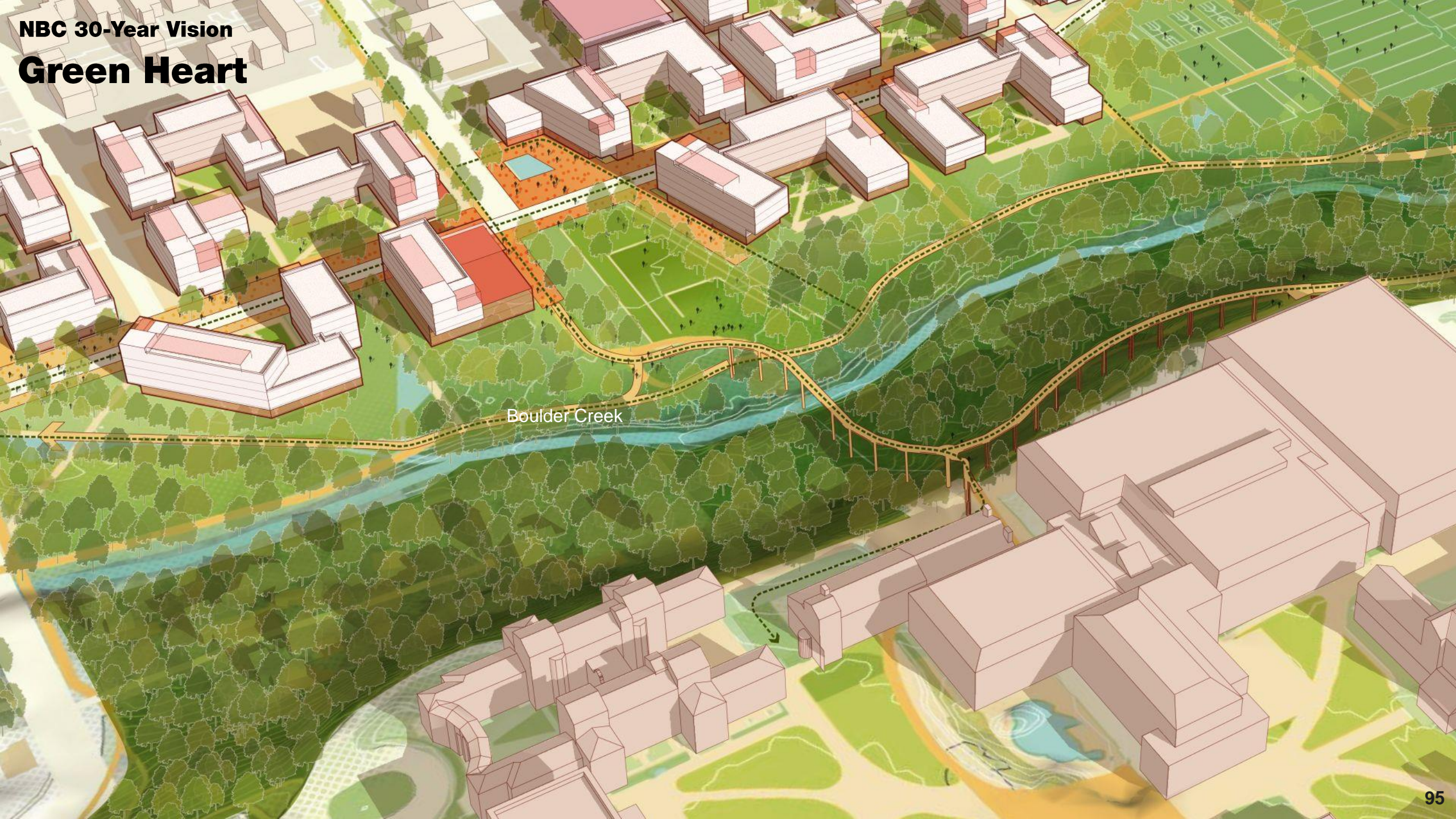
Vegetative Swales

Herbicide Free Turf

Buffer Landscape

Riparian C

- Urban Tree Canopy
- Riparian Corridor
- Buffer Planting
- Wet Meadow Restoration
- Grassland Restoration

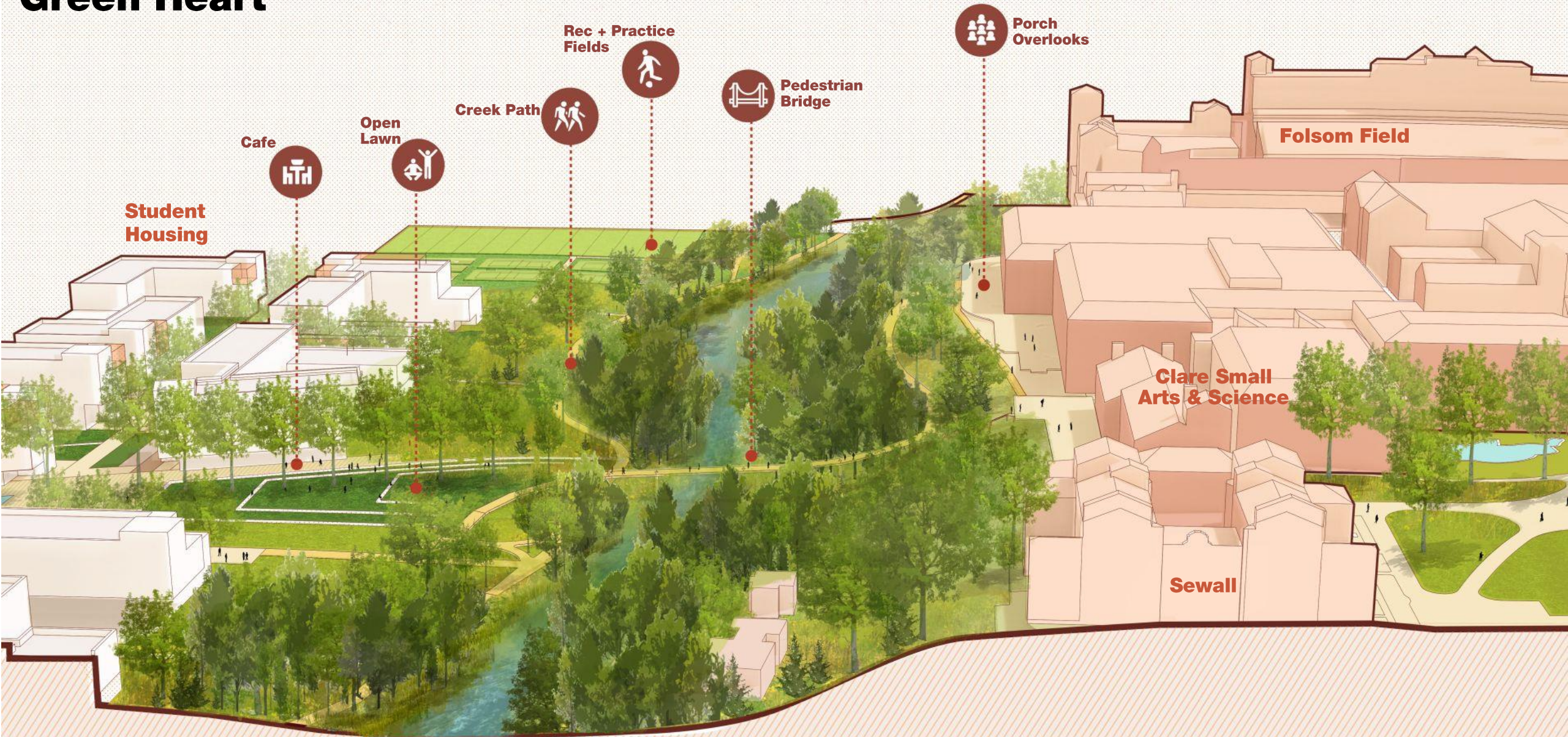


NBC 30-Year Vision
Green Heart

Boulder Creek

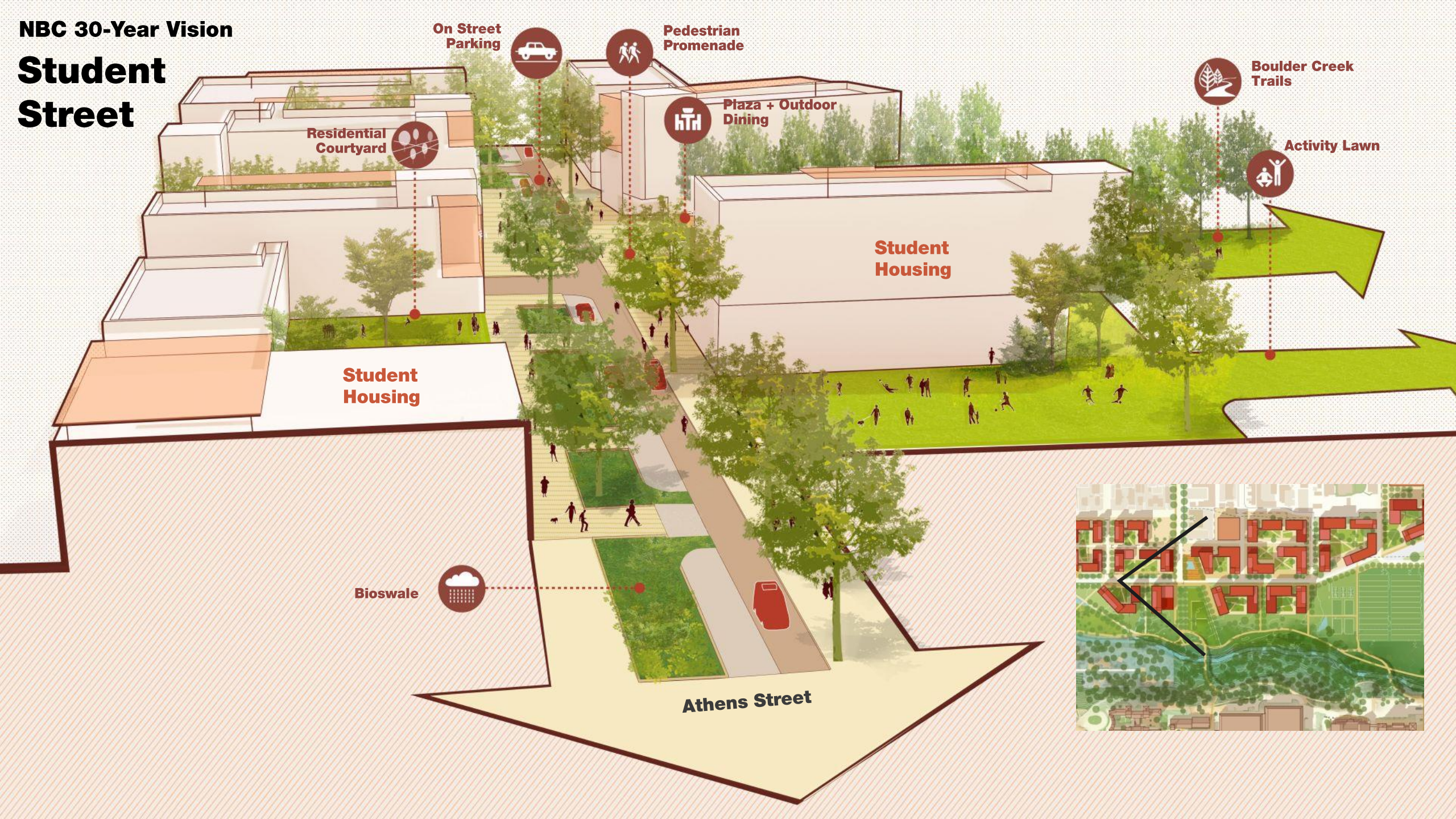
NBC 30-Year Vision

Green Heart



Boulder Creek

Student Street



Residential
Courtyard

On Street
Parking

Pedestrian
Promenade

Plaza + Outdoor
Dining

Boulder Creek
Trails

Activity Lawn

Student
Housing

Student
Housing

Bioswale

Athens Street

NBC 30-Year Vision

Student Street



CREEK

MARKET

CAFE

COURTYARD

GYM

NBC Existing Conditions
Student Street





NBC 30-Year Vision

Student Street

NBC 30-Year Vision

Proposed Framework



Arapahoe Ave

17th Street

19th Street

Folsom Street

Main Campus 30-Year Vision

Proposed Framework



East Campus

Research & Innovation District Precedents

What is a Research & Innovation District?

Research & Innovation districts leverage

density,
physical proximity,
shared amenities

as part of their unique commitment to create, and grow, collaborative innovation communities.



What Makes a 21st Century Research District Successful?

SPACES FOR INTERACTION

Provide a platform for convergence and a variety of activities across different sectors and disciplines.

PEOPLE & PROXIMITY

Build and maintain a critical mass of innovators, entrepreneurs, researchers, all in close proximity to each other.

PLACE-MAKING

Create and foster an ecosystem as well as a place.

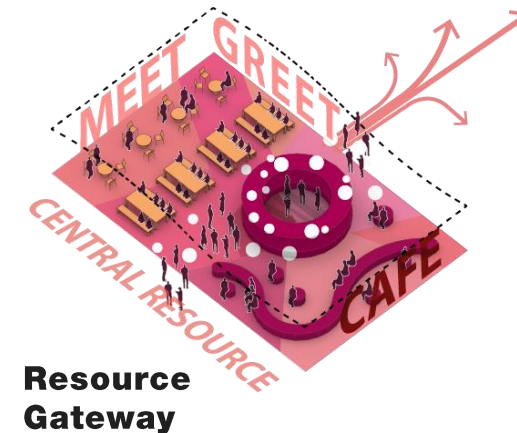
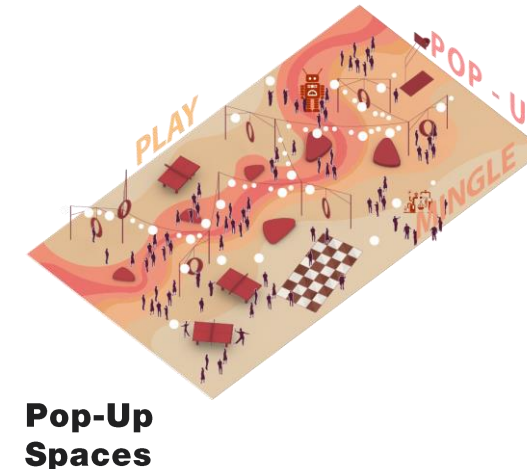
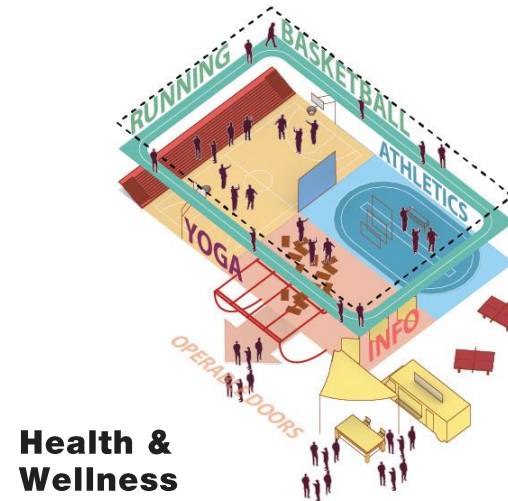
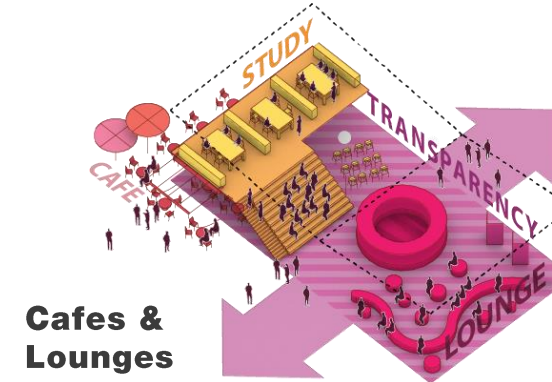
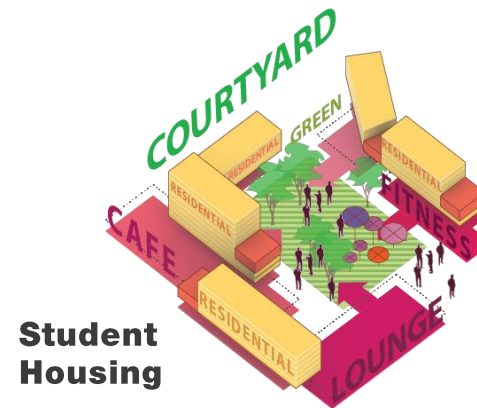
PUBLIC PROGRAMMING

Public programming, in-person and virtually, is key to a vibrant, connected community.

COMPETITIVE NICHE

Define a clear competitive advantage, economic, research, or technological niche.

COMPLEMENTARY SPACES & ENGAGEMENT



What Makes a 21st Century Research District Successful?

SPACES FOR INTERACTION

Provide a platform for convergence and a variety of activities across different sectors and disciplines.

PEOPLE & PROXIMITY

Build and maintain a critical mass of innovators, entrepreneurs, researchers, all in close proximity to each other.

PLACE-MAKING

Create and foster an ecosystem as well as a place.

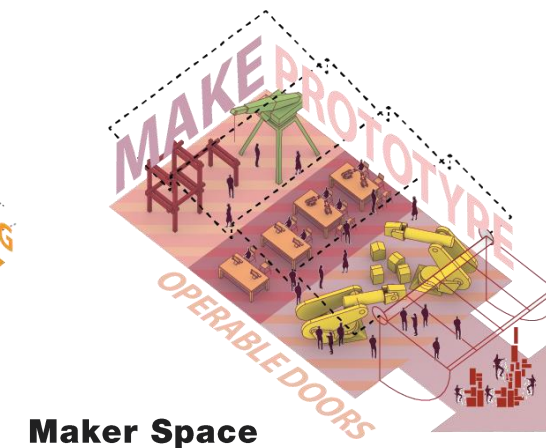
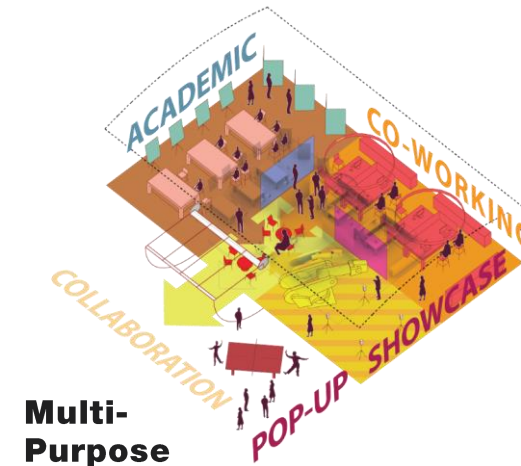
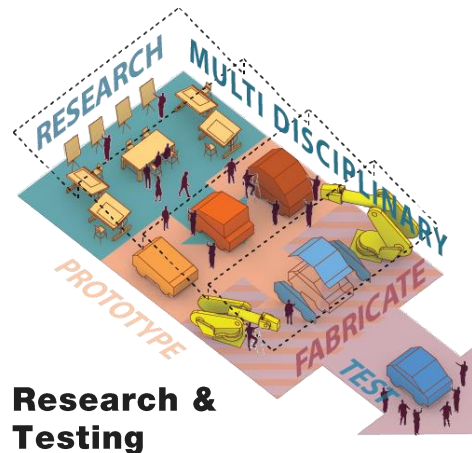
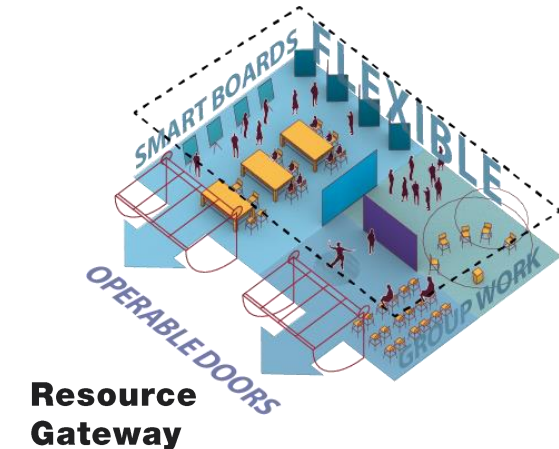
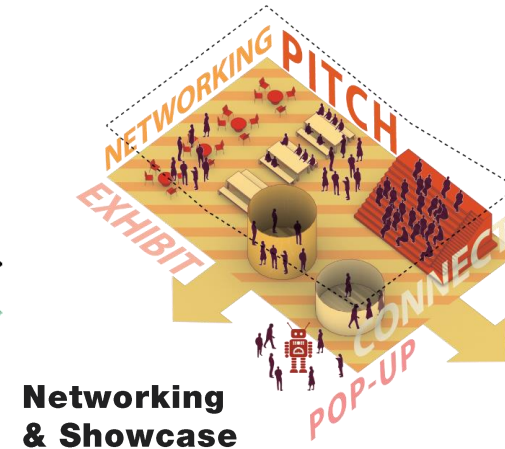
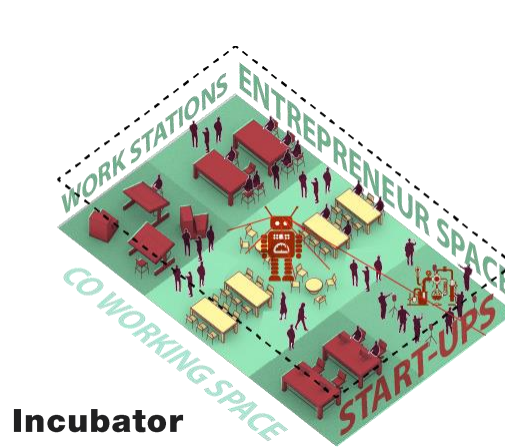
PUBLIC PROGRAMMING

Public programming, in-person and virtually, is key to a vibrant, connected community.

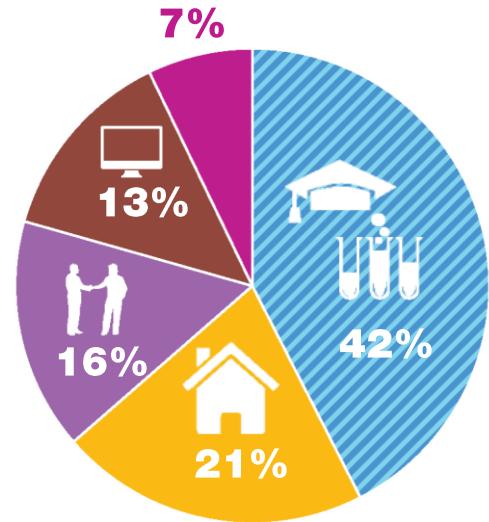
COMPETITIVE NICHE

Define a clear competitive advantage, economic, research, or technological niche.

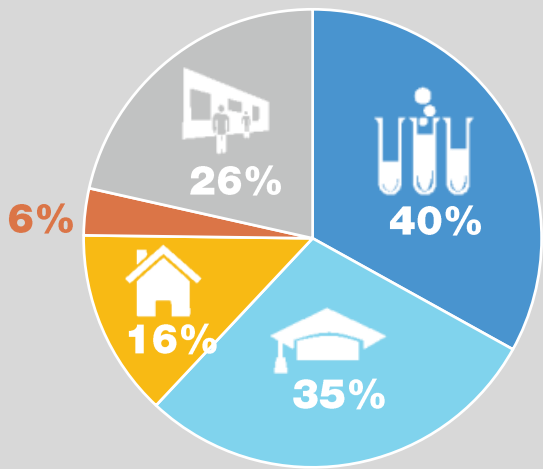
ENTREPRENEURSHIP & EXPERIENTIAL LEARNING



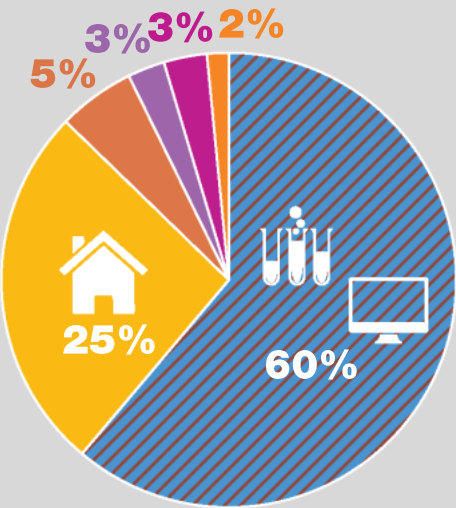
21st Century Research Districts



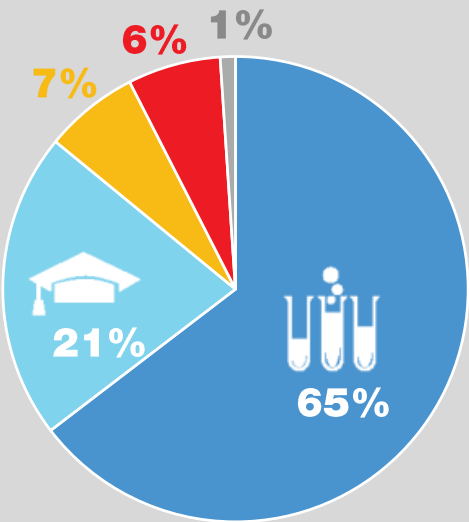
CU Boulder East Campus



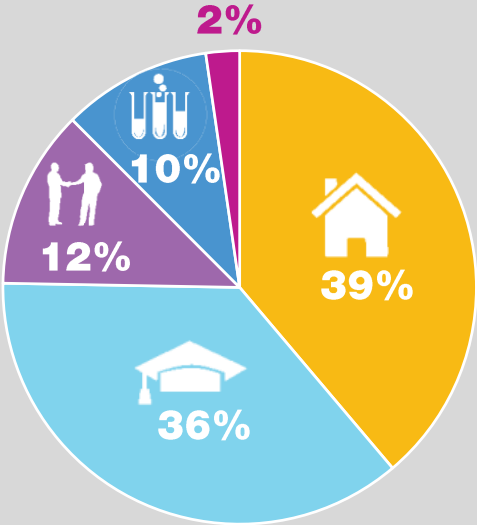
Kendall Square
Innovation District



University of Utah
Research Park

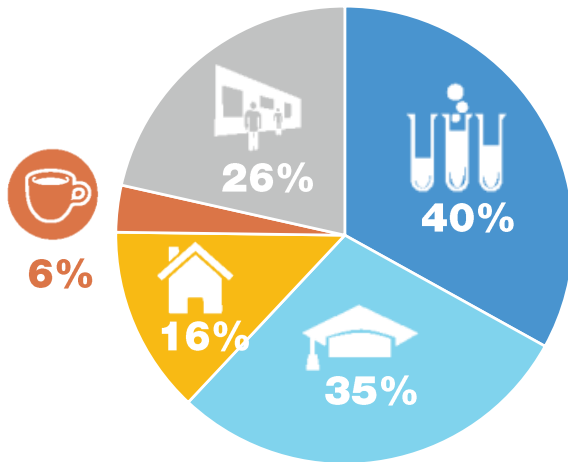


Arizona State Polytechnic
Innovation District



UC San Diego
East Campus

Industry: Tech/Biotech



- McKinsey & Company, 10 year Vision Plan

University of Utah Research Park

Location: Salt Lake City, Utah

Established: 1968

Recent Plans: 2018 50-year Vision Plan,
2020 Strategic Implementation

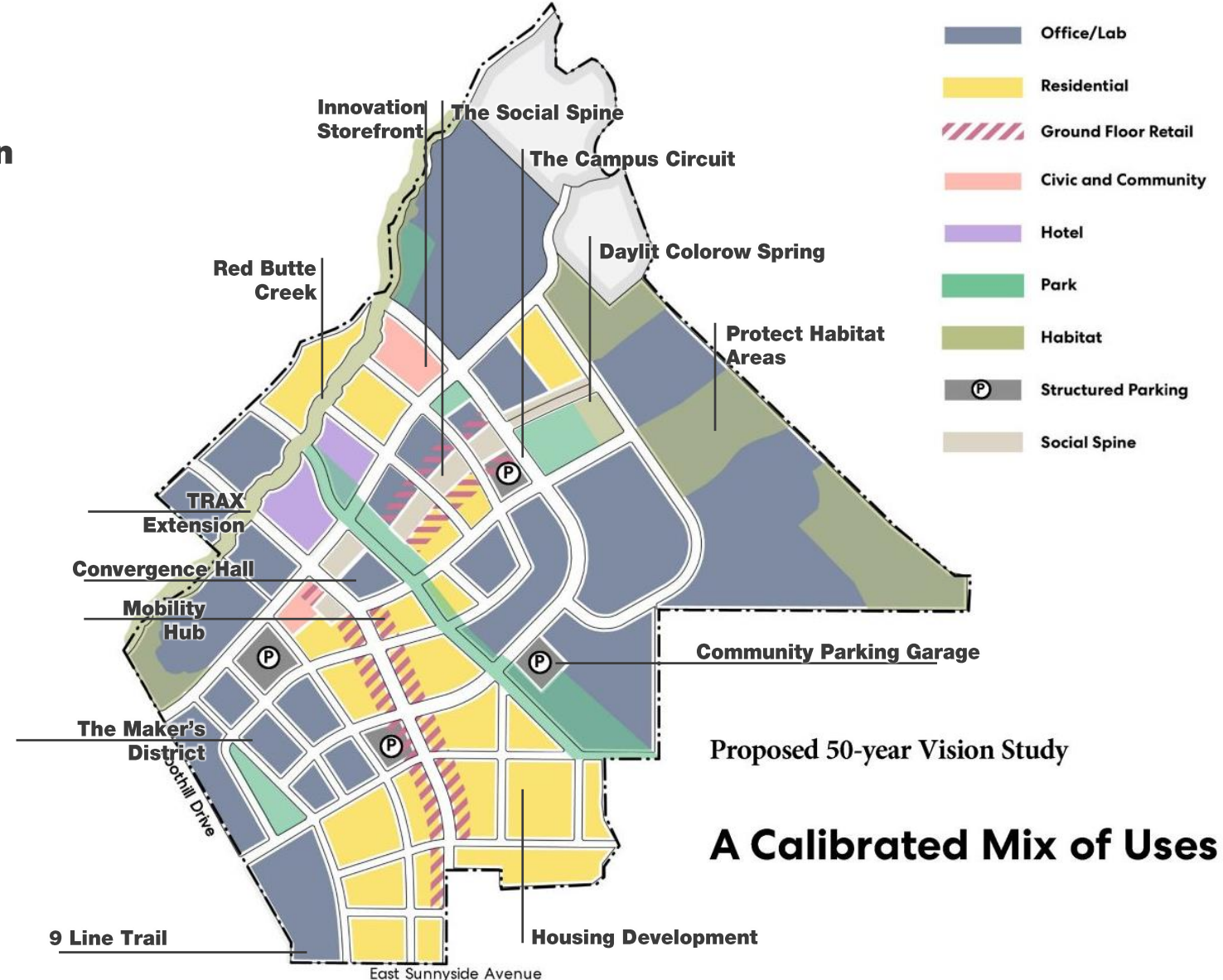
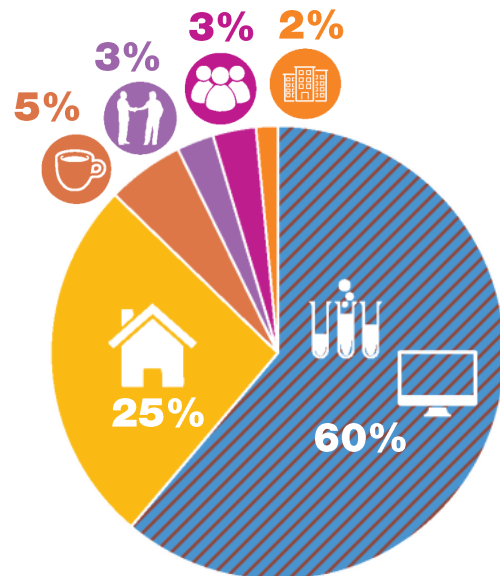
Plan

Size of Site: 320 Acres

Industry: Life Sciences (aka Bionic Valley)

“The most exciting change would be the potential incorporation of live-work, mixed-use communities that create the opportunity for 24/7, 365-days-a-year occupancy.”

- Executive Director, Jonathon Bates, Real Estate Administration



Arizona State University Polytechnic Innovation District

Location: Mesa, Arizona

Established: 1996

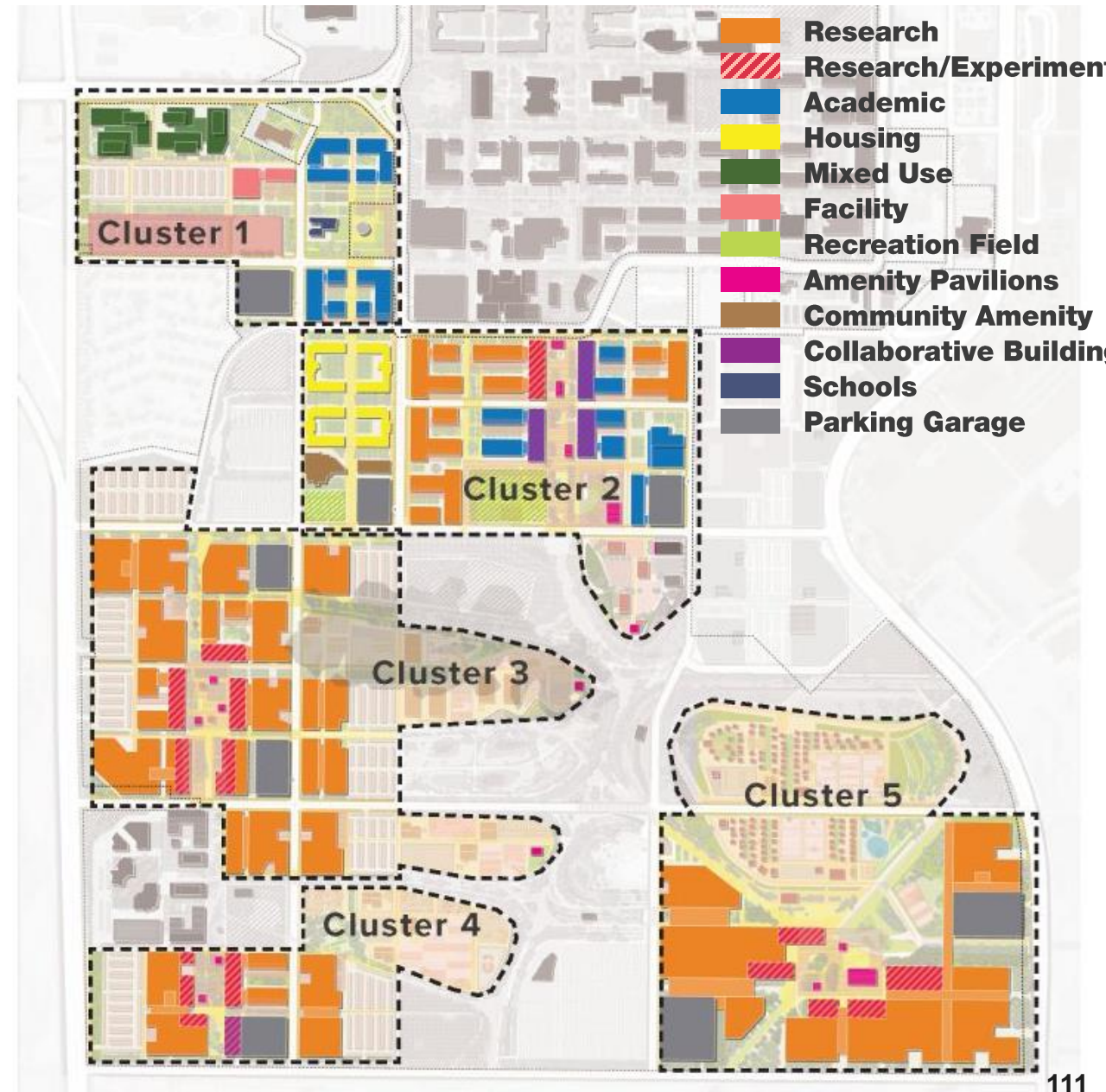
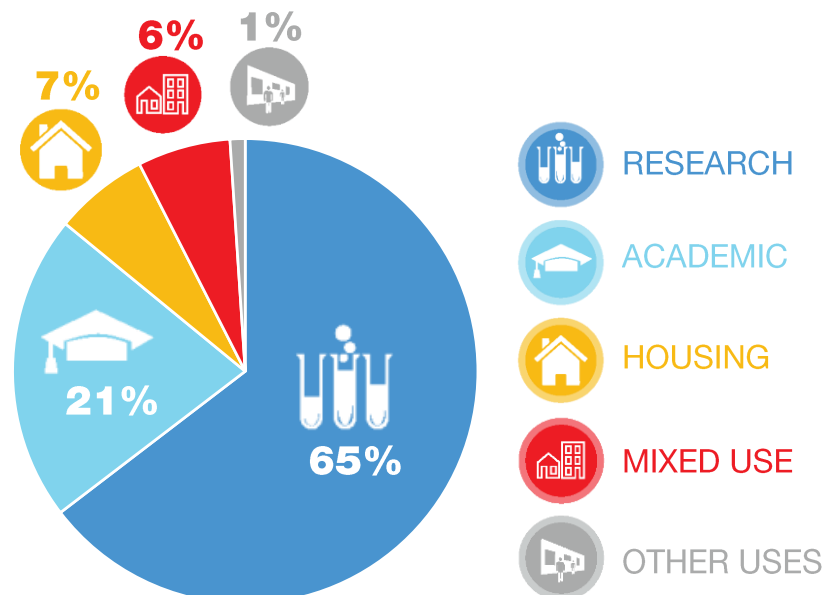
Recent Plans: 2017 Innovation District Master Plan

Size of Site: 350 Acres

Industry: Water, Energy, Food

“In addition to research and academic uses, the plan introduces substantial housing for students and professionals, a range of community and social amenities, recreation spaces, and a central desert park.”

- 2017 Innovation District Master Plan



UC San Diego – East Campus

Location: La Jolla, CA

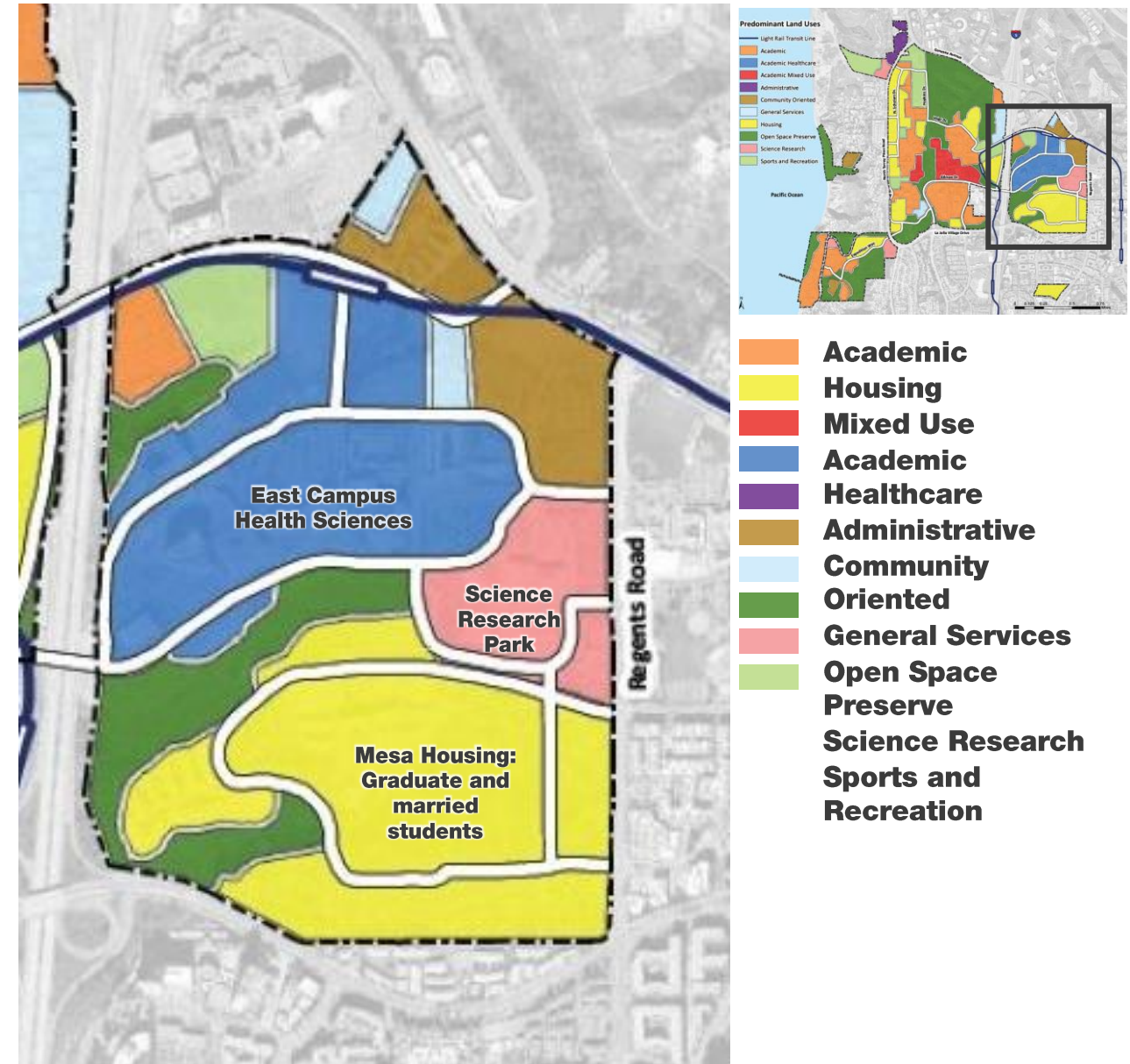
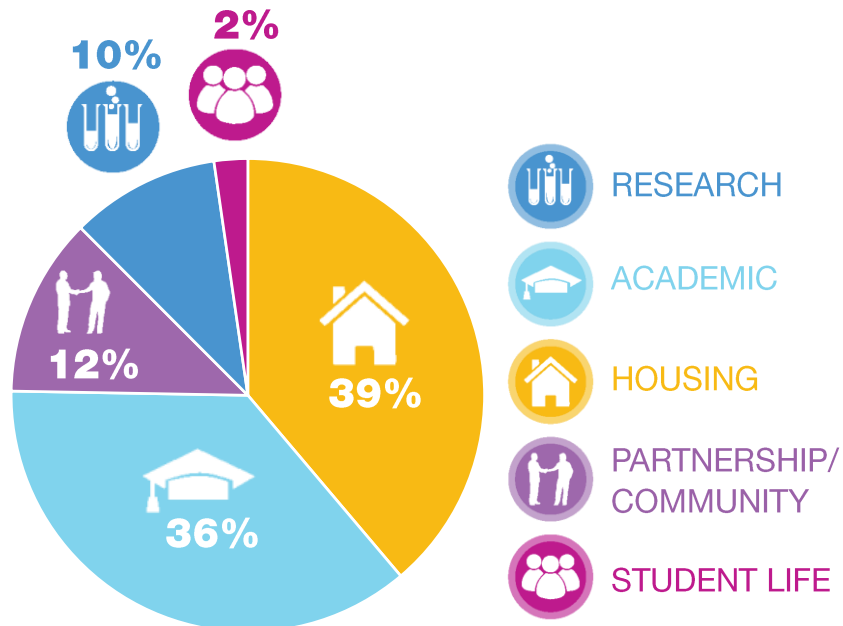
Established: 1963 (UCSD); 2002 (Science Research Park)

Size of Site: 266 Acres (East Campus); 30 Acres (Science Research Park)

Industry: Biotech, Bioscience

“The SRP will also create an intellectual resource for the interaction among industrial and academic research activities, enhance retention of outstanding researchers, and enhance private support for UCSD’s graduate and undergraduate fellowships, training, research, and collaboration.”

- 2002 Science Research Park Development Concept Plan



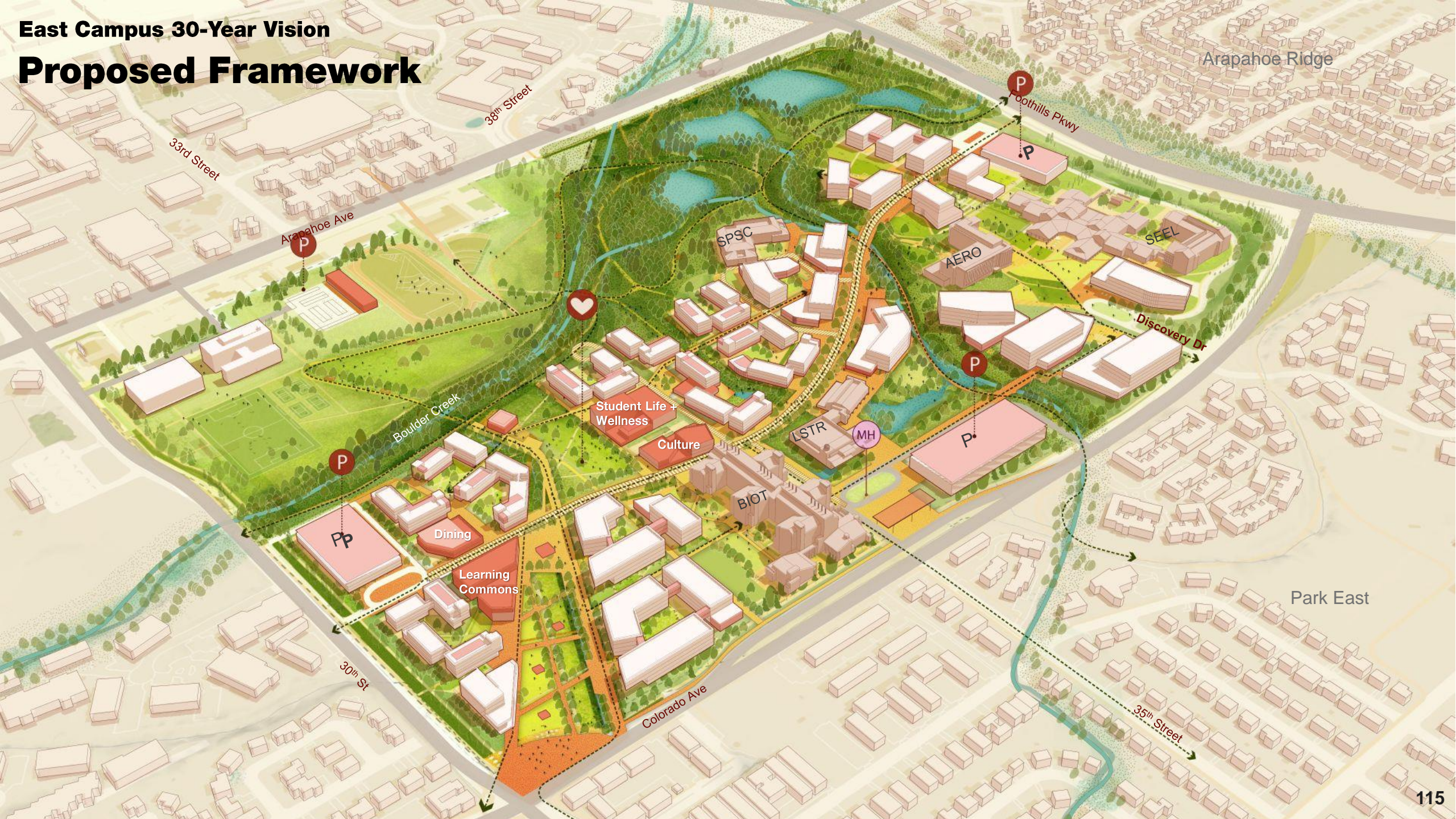
East Campus Plan

East Campus Existing Conditions

Natural Systems



East Campus 30-Year Vision
Proposed Framework



East Campus 30-Year Vision

Academic & Research
Integration



Existing | Proposed

- Academic / Research
- Other

East Campus 30-Year Vision

Partnership Opportunities



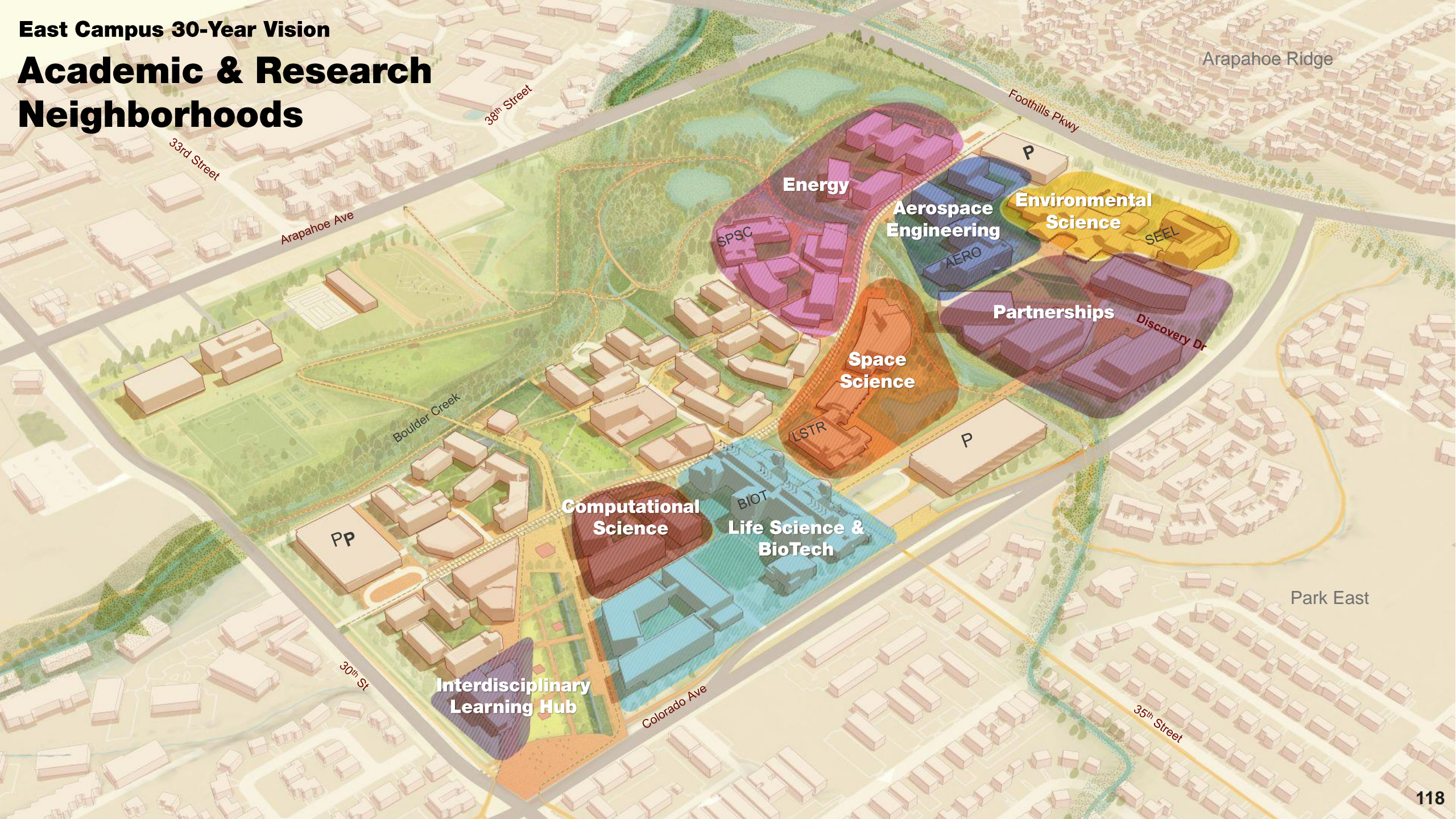
Existing | Proposed

Partnership

Other

East Campus 30-Year Vision

Academic & Research
Neighborhoods



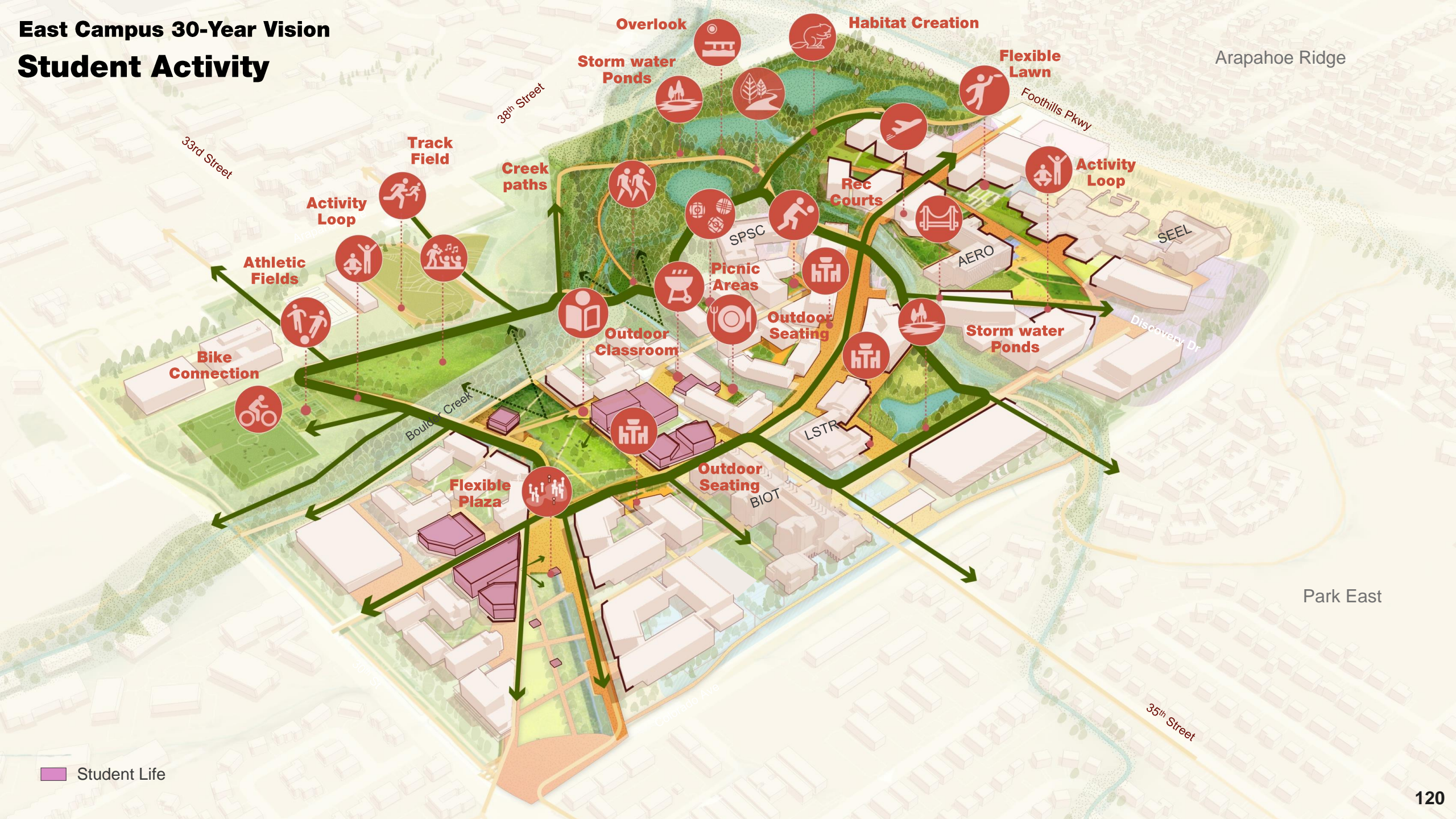
East Campus 30-Year Vision

Program Distribution



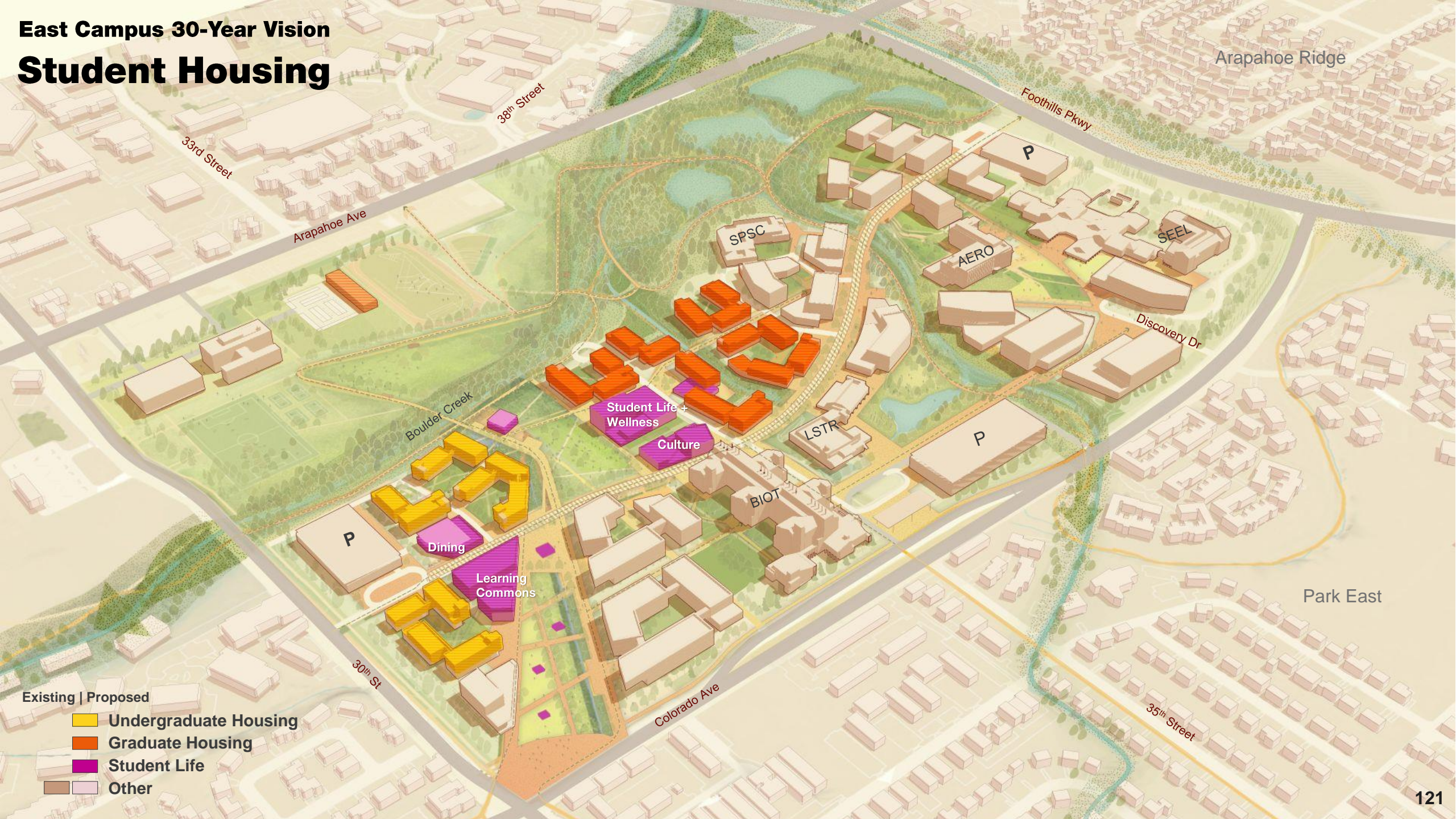
East Campus 30-Year Vision

Student Activity



East Campus 30-Year Vision

Student Housing



East Campus 30-Year Vision

Student Housing Precedents



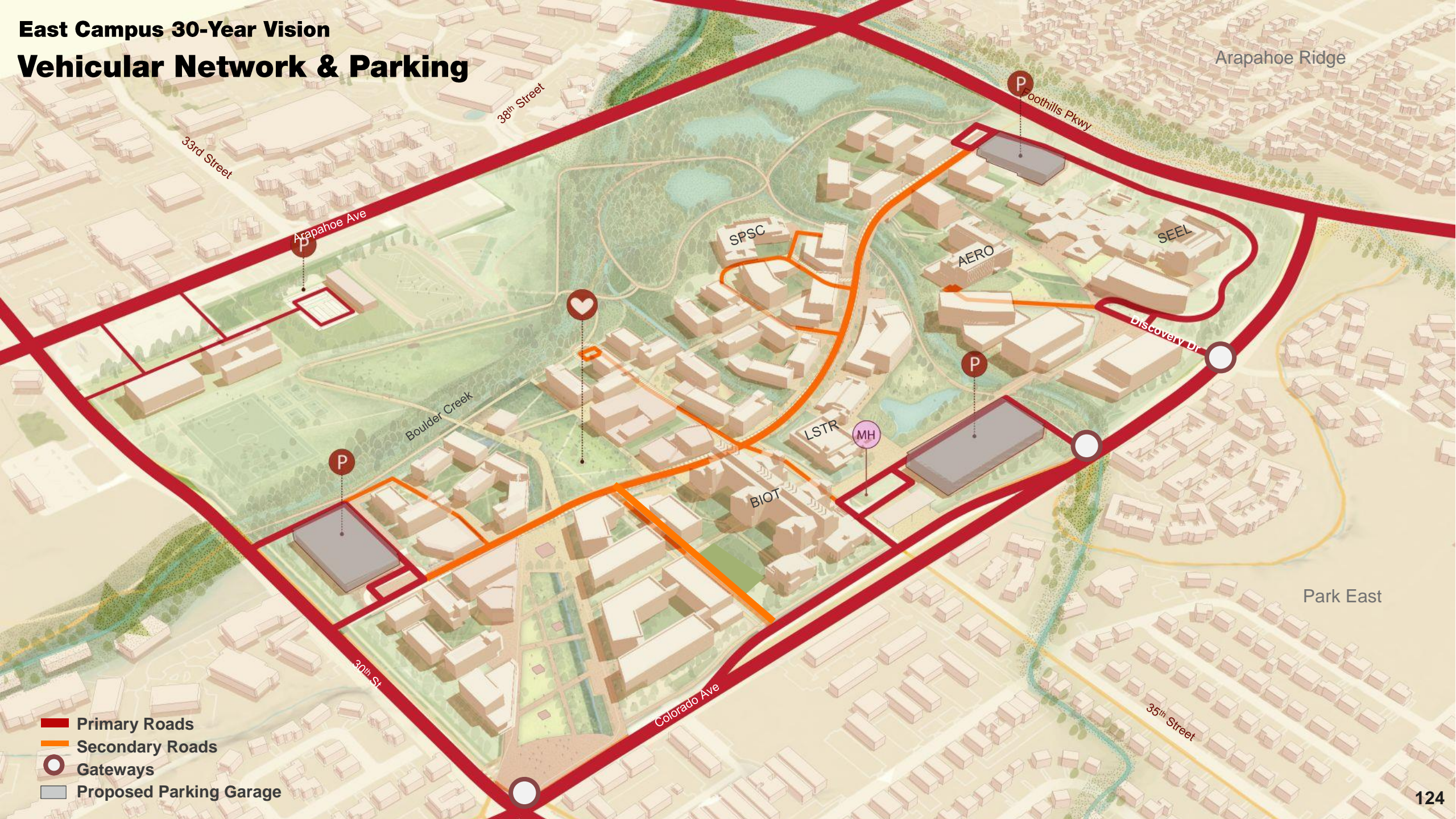


East Campus 30-Year Vision

Student Housing along the Creek

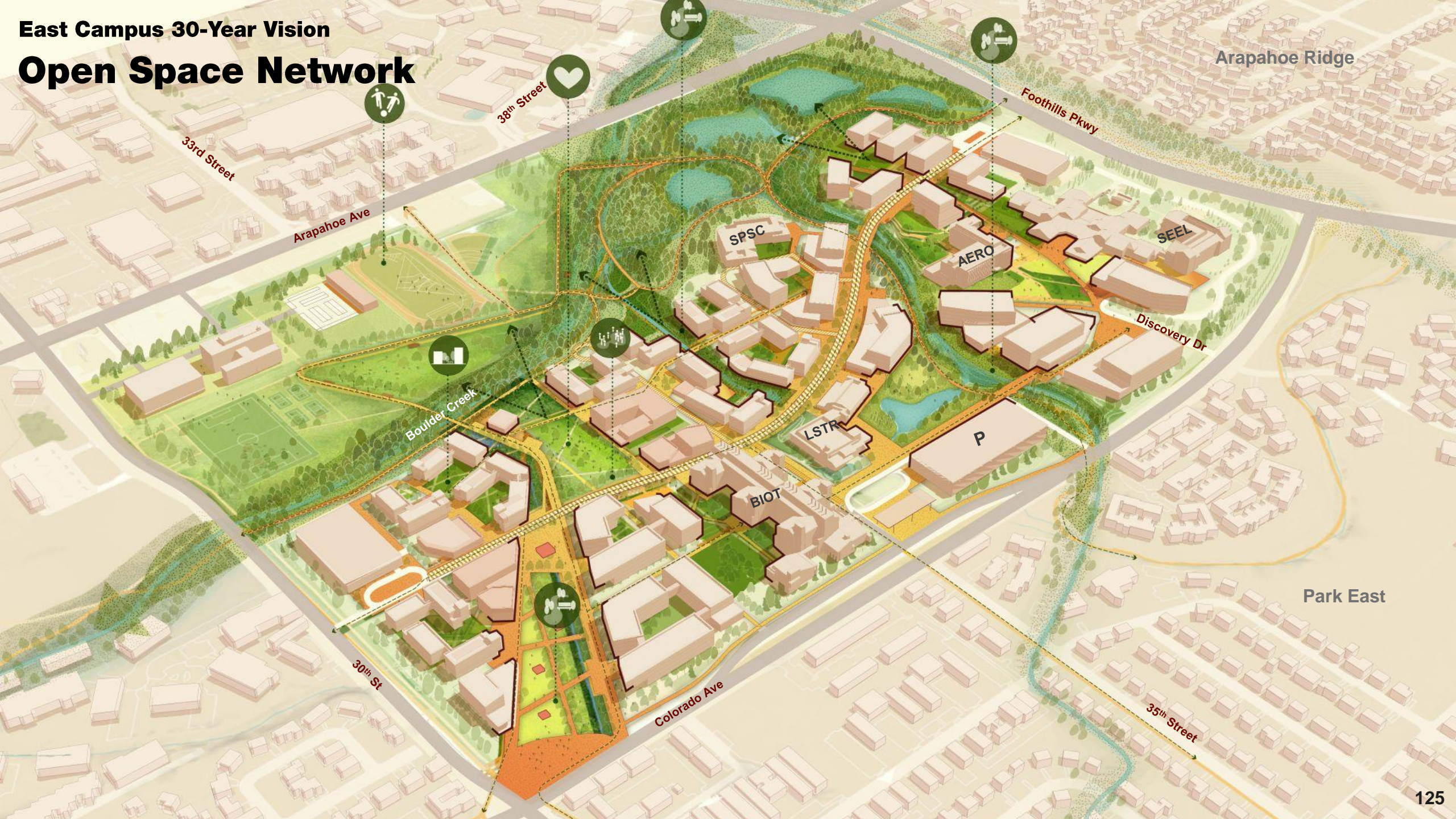
East Campus 30-Year Vision

Vehicular Network & Parking



East Campus 30-Year Vision

Open Space Network



East Campus 30-Year Vision

Scale Comparisons

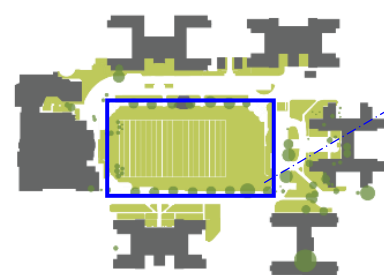
Baker Hall & Libby Hall



Dalton Trumbo Fountain



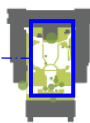
Farrand Field



Dalton Trumbo Fountain



Mary Rippon Theater

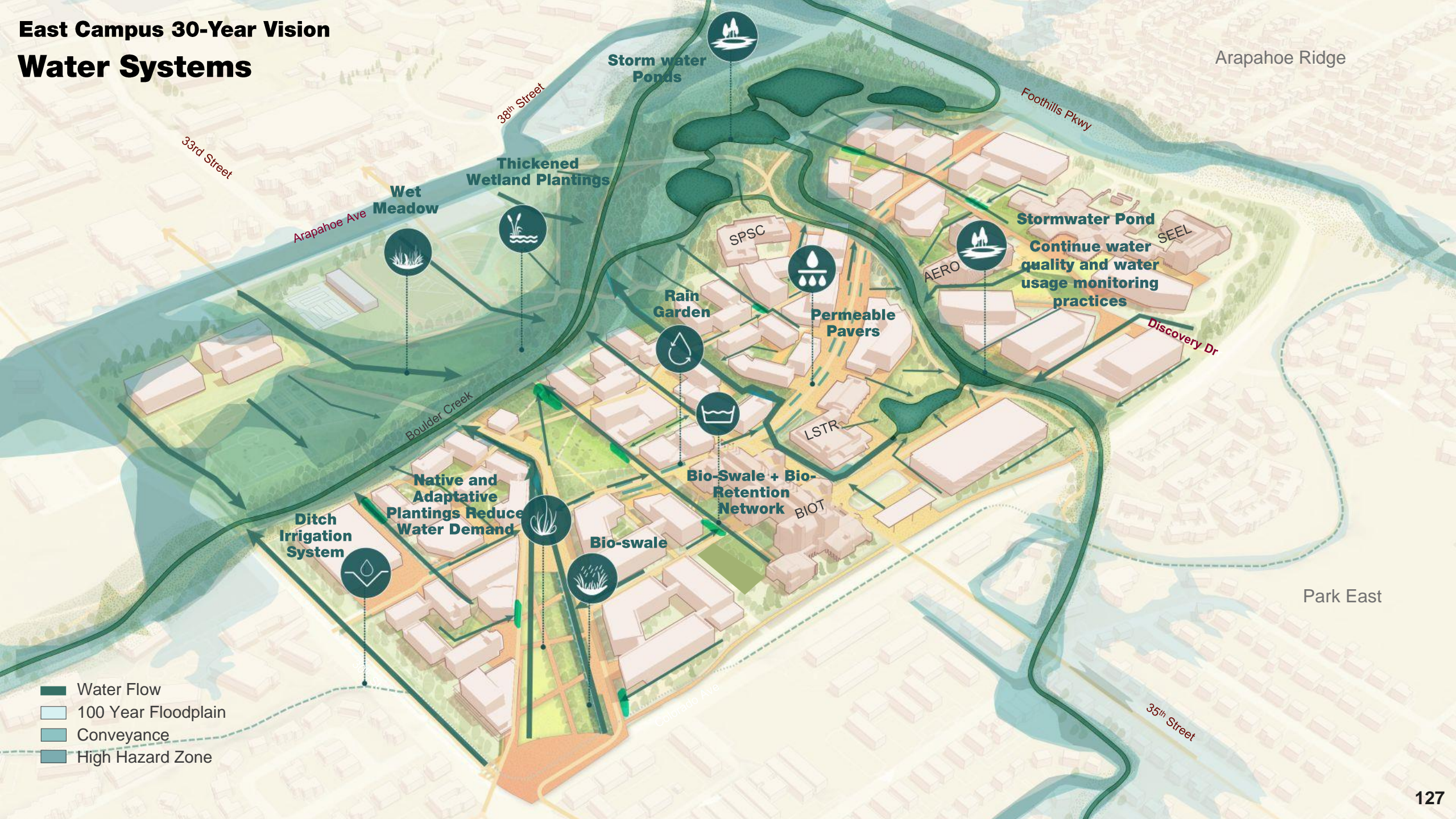


Sewall Field



East Campus 30-Year Vision

Water Systems



- Water Flow
- 100 Year Floodplain
- Conveyance
- High Hazard Zone

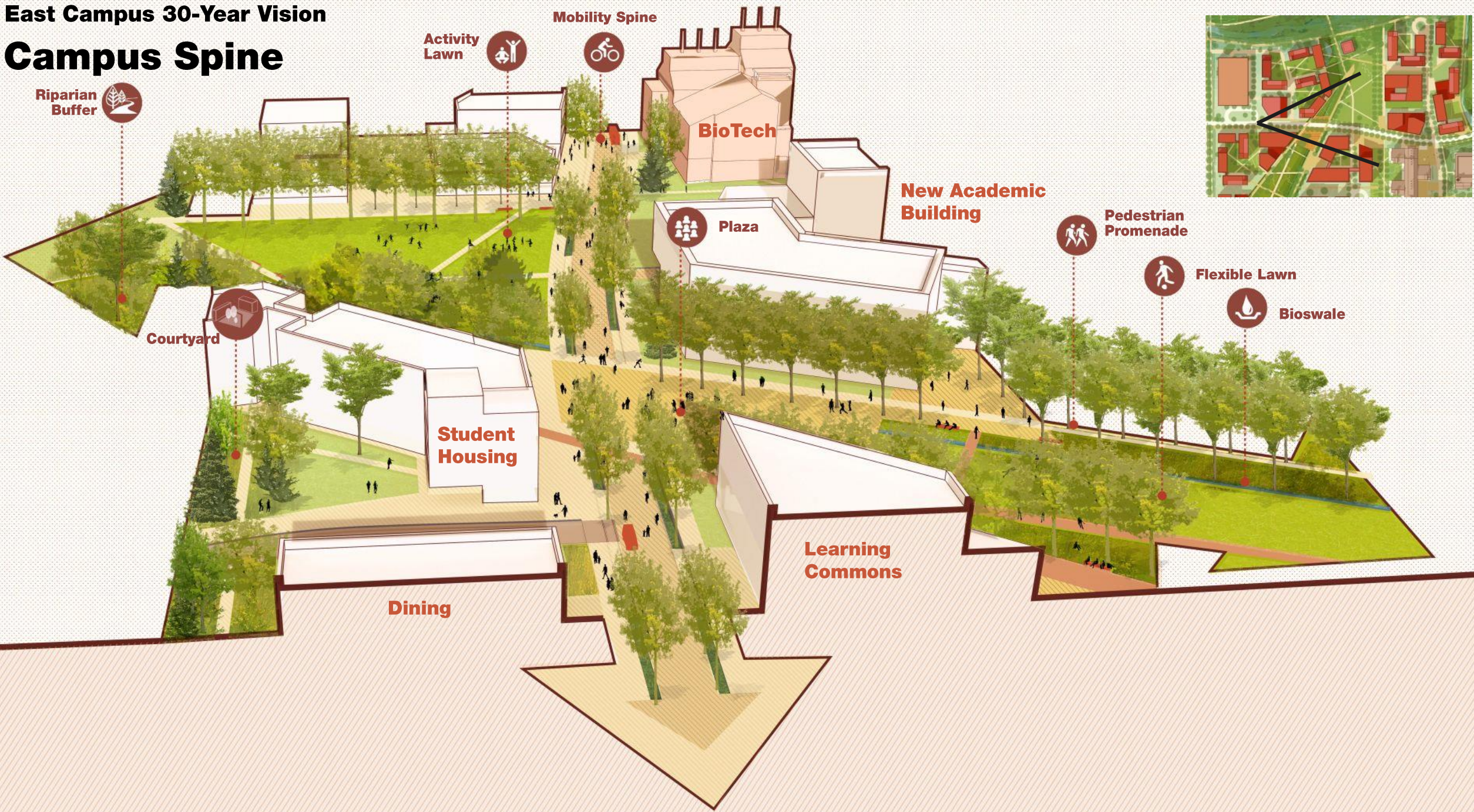
East Campus 30-Year Vision

Planting Zones



East Campus 30-Year Vision

Campus Spine



Riparian Buffer

Activity Lawn

Mobility Spine

BioTech

New Academic Building

Plaza

Pedestrian Promenade

Flexible Lawn

Bioswale

Courtyard

Student Housing

Learning Commons

Dining

Campus Spine



TERRACE

INCUBATOR

CAFE

COURTYARD

LAB

East Campus Existing Conditions

Campus Spine



East Campus 30-Year Vision

Campus Spine



East Campus 30-Year Vision

Campus Heart





East Campus 30-Year Vision

Campus Heart

Campus Heart



East Campus Existing Conditions

Campus Heart Area Today



Campus Heart: Summer

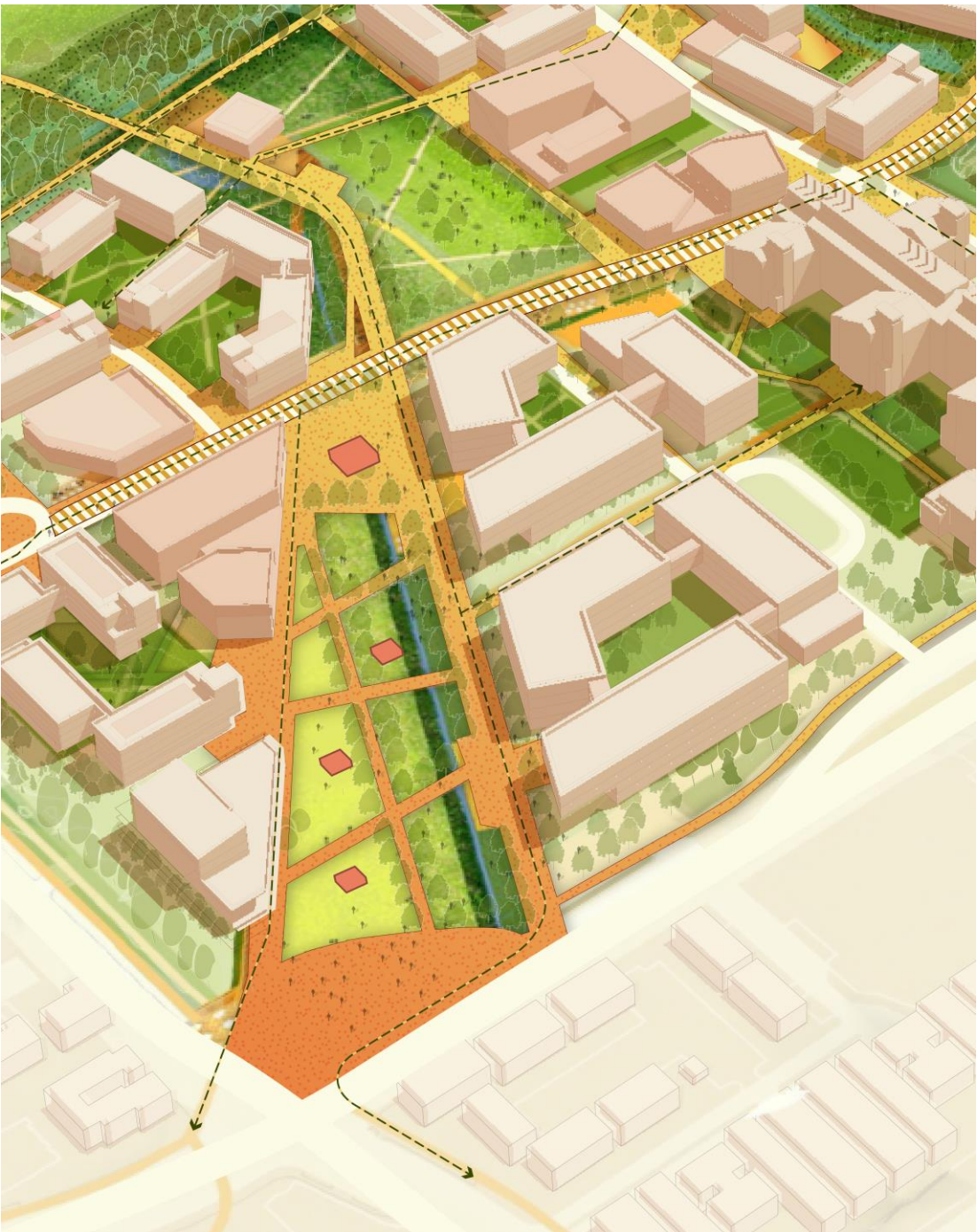




East Campus 30-Year Vision

Campus Heart: Winter

East Campus 30-Year Vision
30th & Colorado Gateway

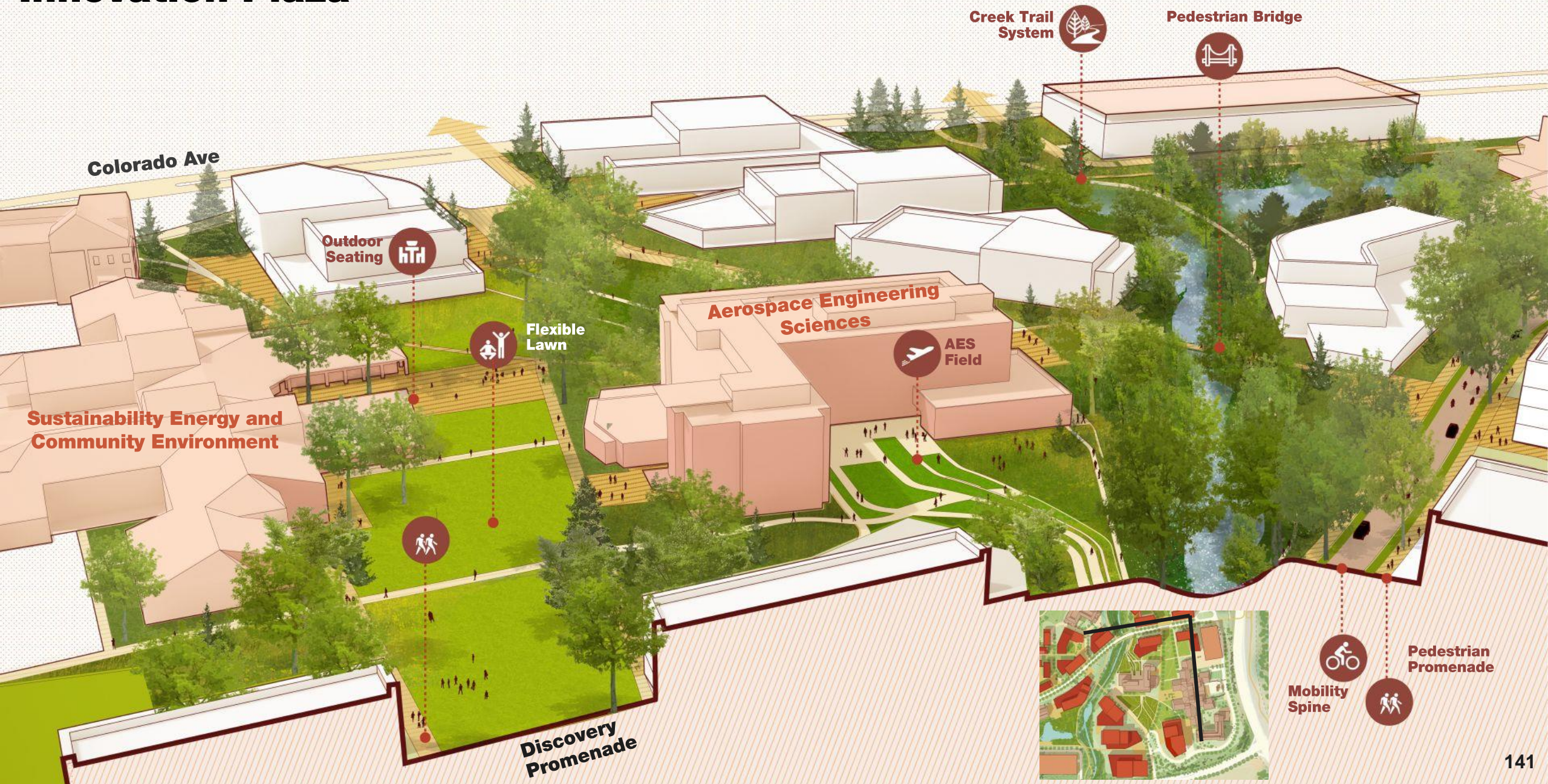


East Campus 30-Year Vision
Innovation Plaza



East Campus 30-Year Vision

Innovation Plaza



East Campus 30-Year Vision

Innovation Plaza Zone Today





East Campus 30-Year Vision

Innovation Plaza

Proposed Framework



Arapahoe Ave

30th St

Foothills Parkway

Colorado Ave

Williams Village

Williams Village Existing Conditions

Natural Systems

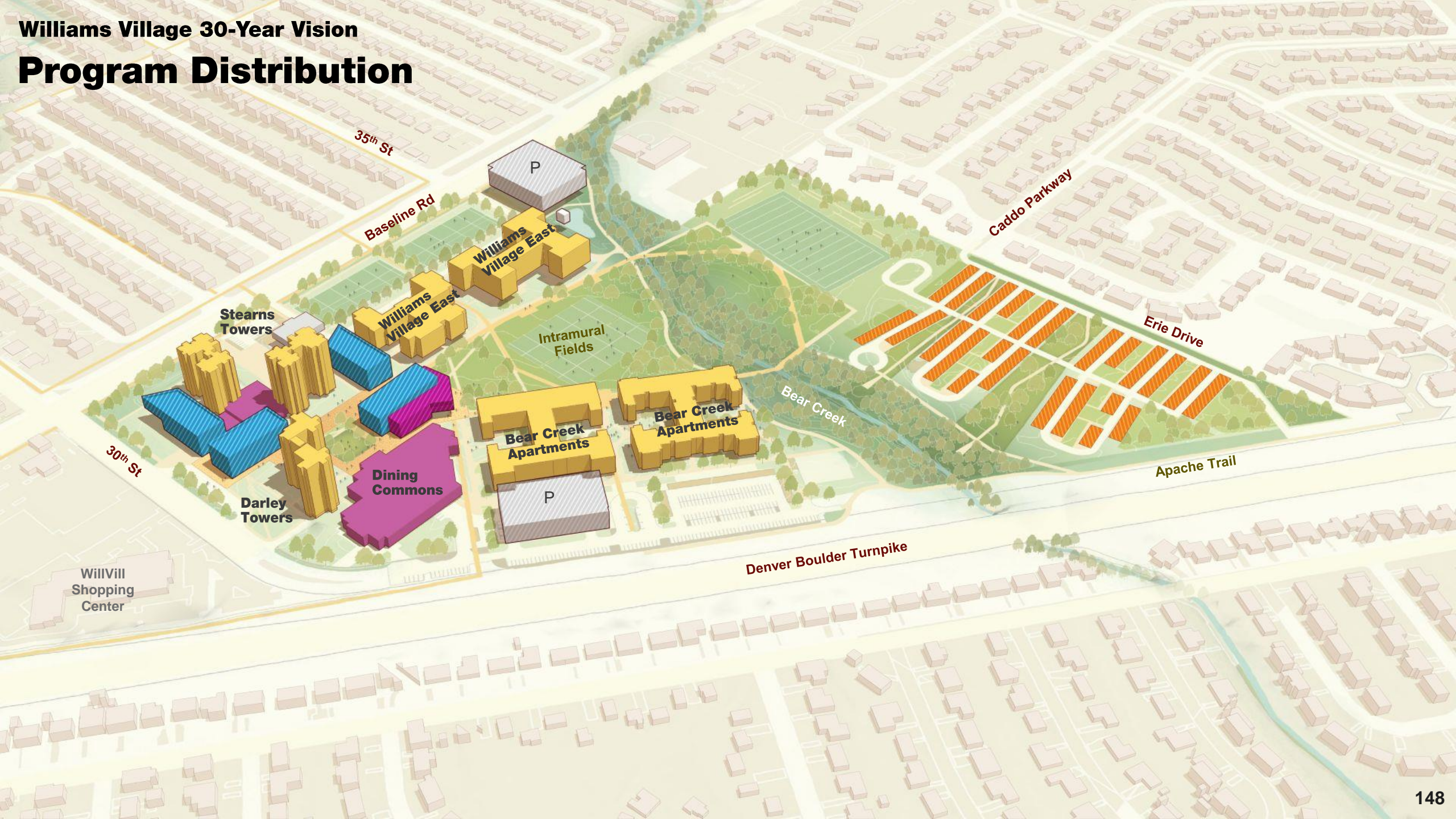


Williams Village 30-Year Vision
Proposed Framework



Williams Village 30-Year Vision

Program Distribution

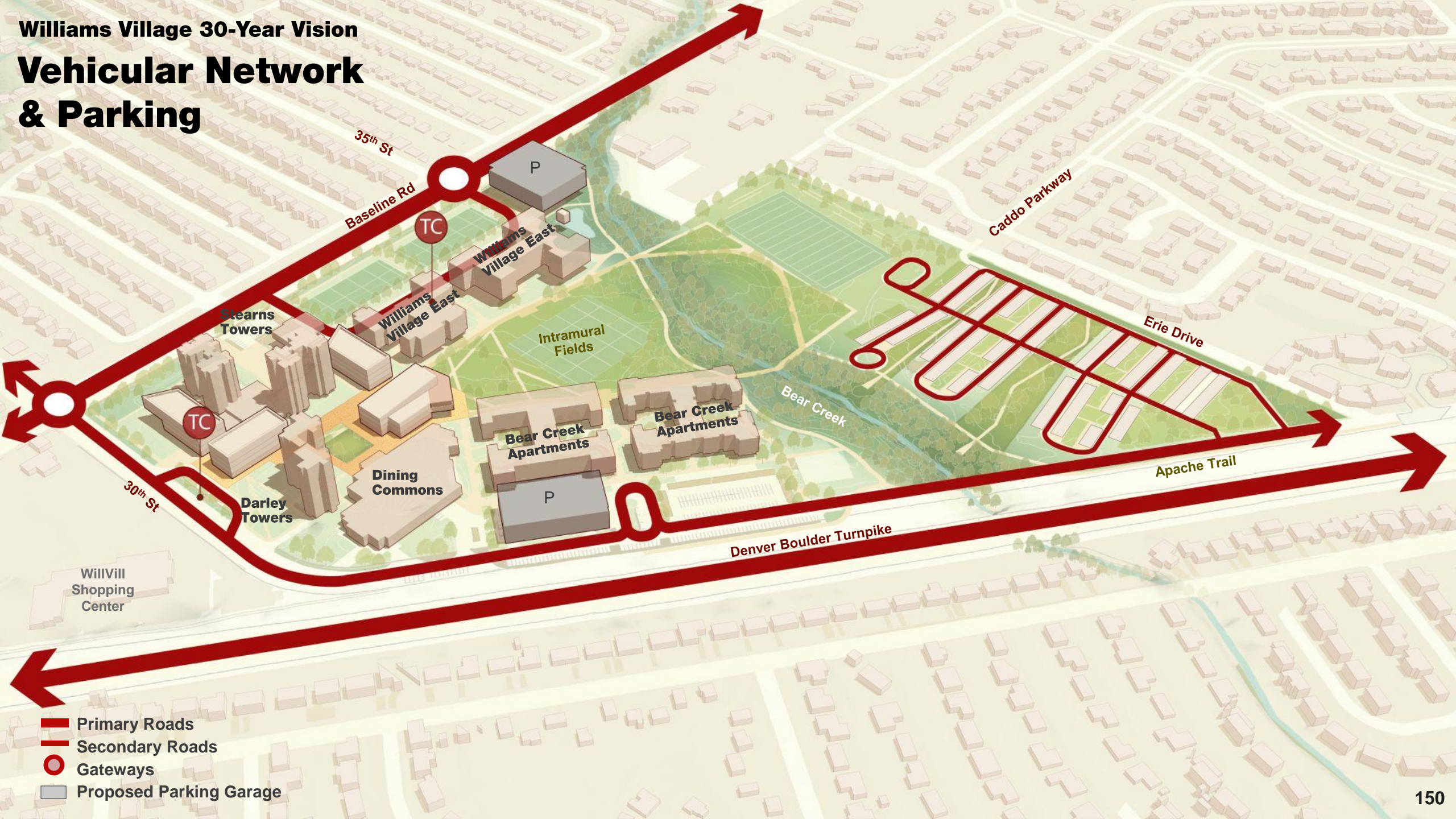


Student Activity



Williams Village 30-Year Vision

Vehicular Network & Parking



Williams Village 30-Year Vision

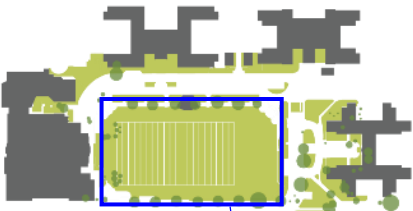
Open Space Network



Williams Village 30-Year Vision

Scale Comparisons

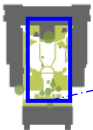
Farrand Field



Dalton Trumbo Fountain



Mary Rippon Theater

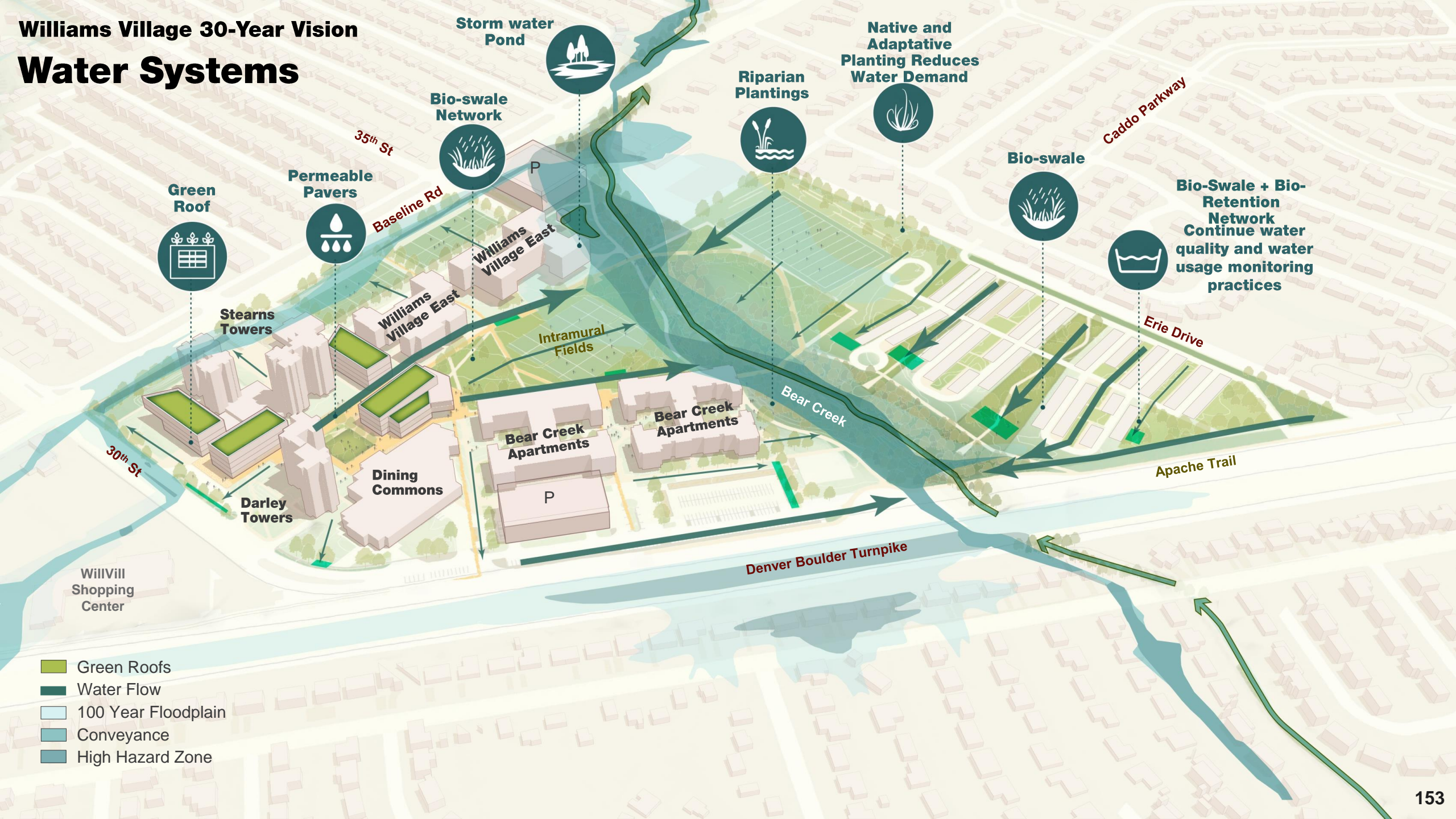


Baker Hall & Libby Hall



Williams Village 30-Year Vision

Water Systems



Williams Village 30-Year Vision

Planting Zones



Academic Village



**Stearns
Towers**

**Darley
Towers**

**Dining
Commons**

**Bear Creek
Apartments**

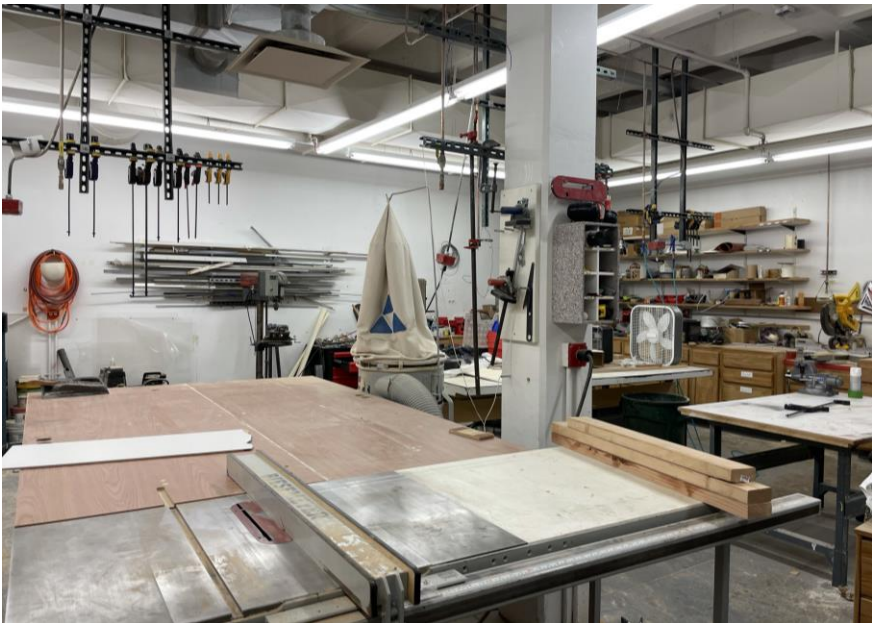
P



Williams Village Existing Conditions
Stearns Towers Today

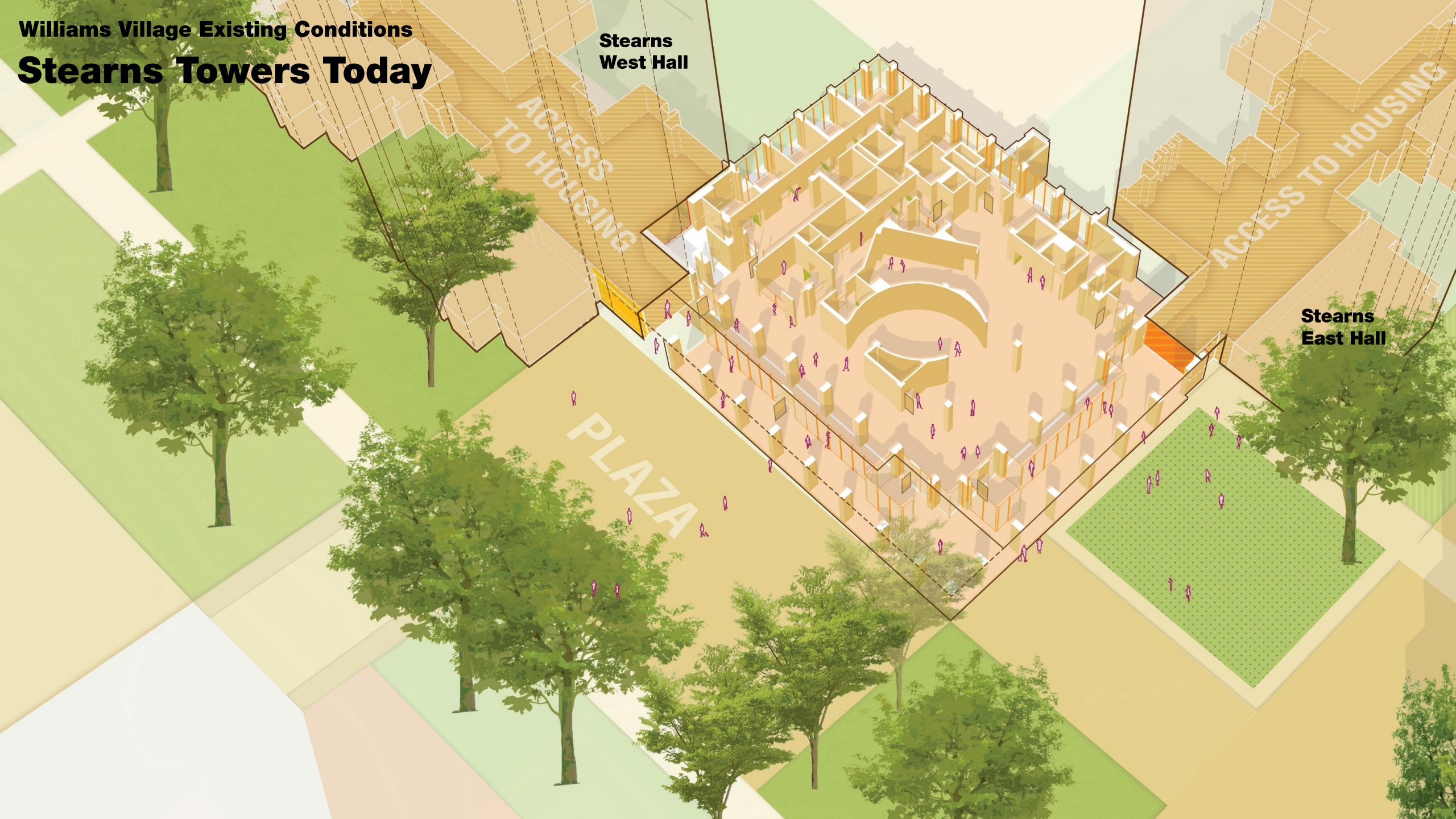
Williams Village Existing Conditions

Stearns Towers Today



Williams Village Existing Conditions

Stearns Towers Today



Stearns
West Hall

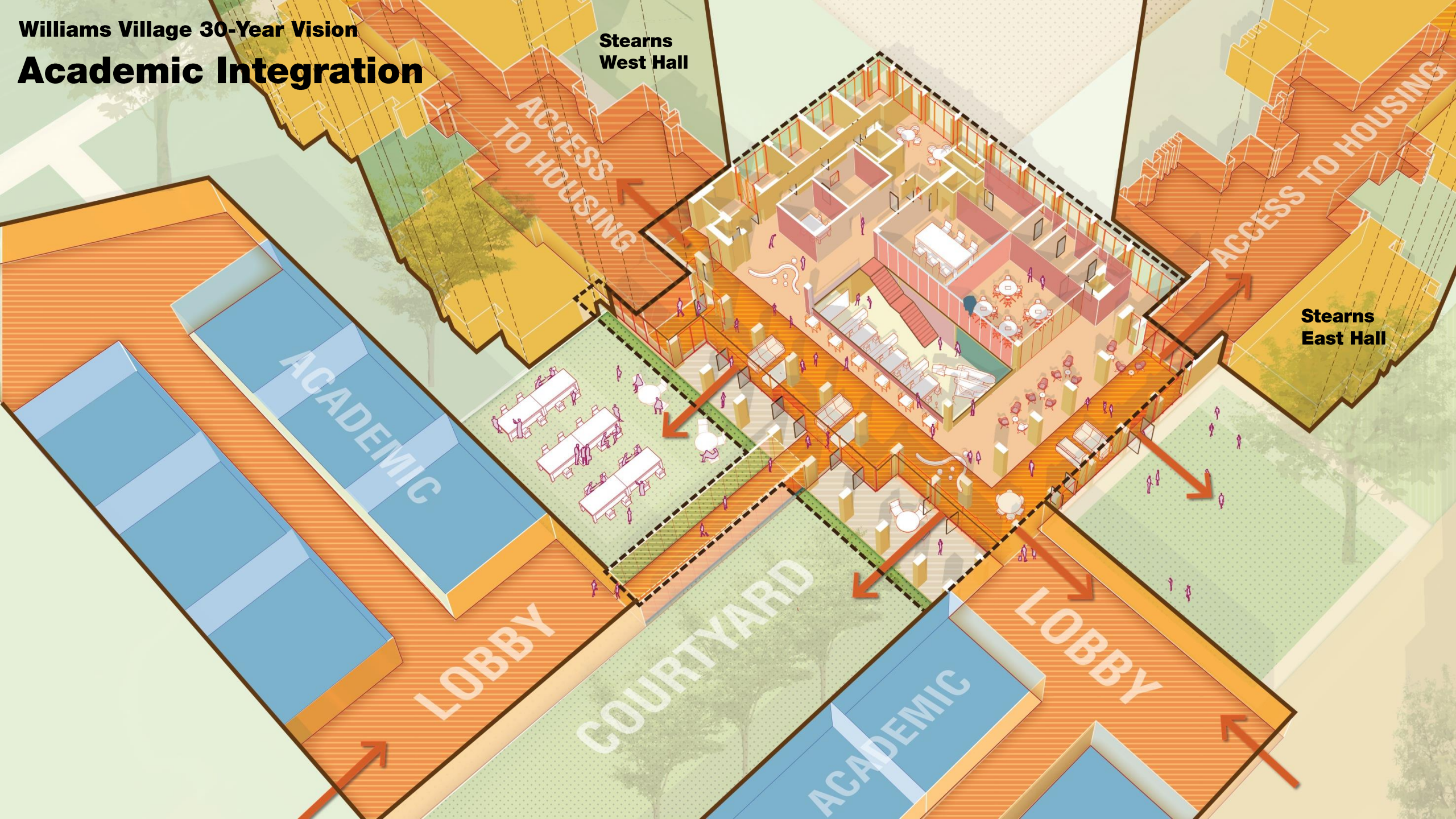
Stearns
East Hall

ACCESS
TO HOUSING

ACCESS TO HOUSING

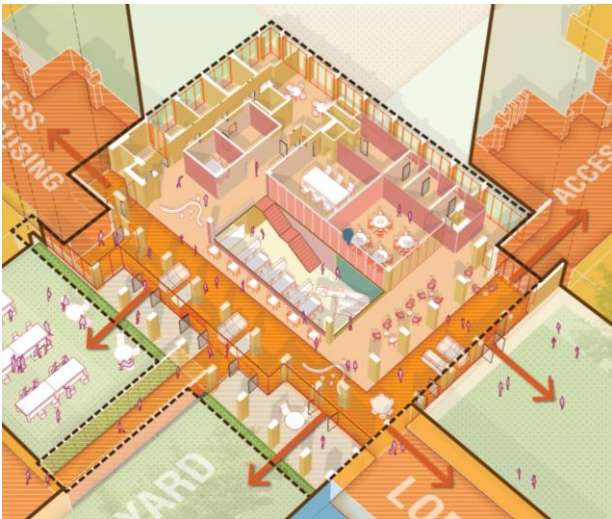
PLAZA

Williams Village 30-Year Vision
Academic Integration



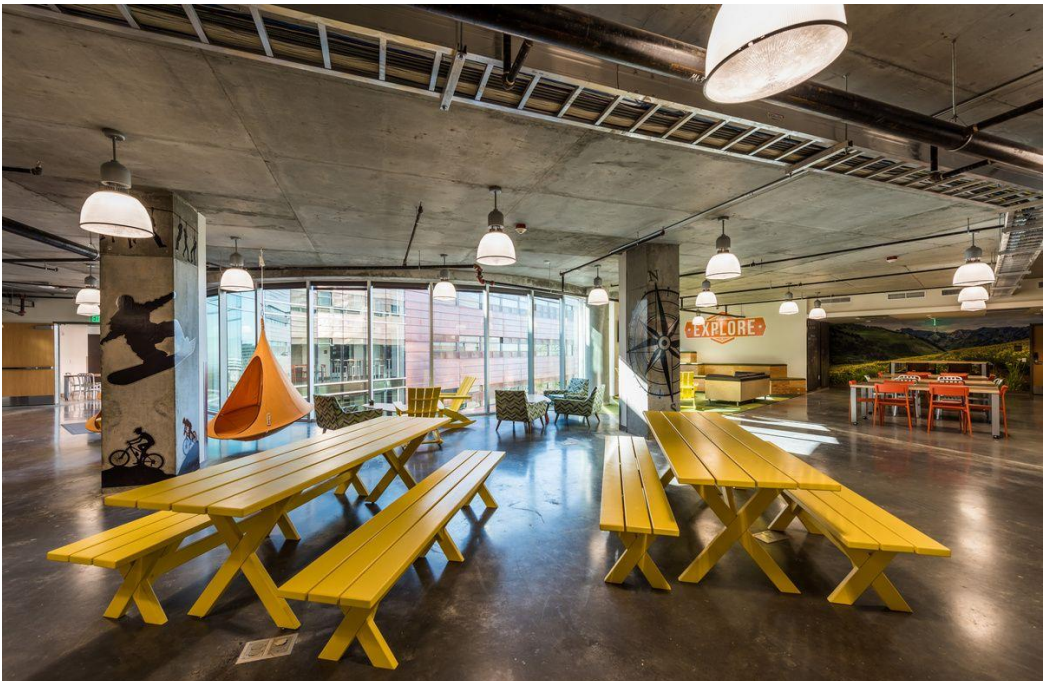
Williams Village 30-Year Vision

Academic Integration - Northwestern U



Williams Village 30-Year Vision

Academic Integration - Lassonde



Williams Village Existing Conditions

Campus Green Today



Williams Village 30-Year Vision
New Campus Heart



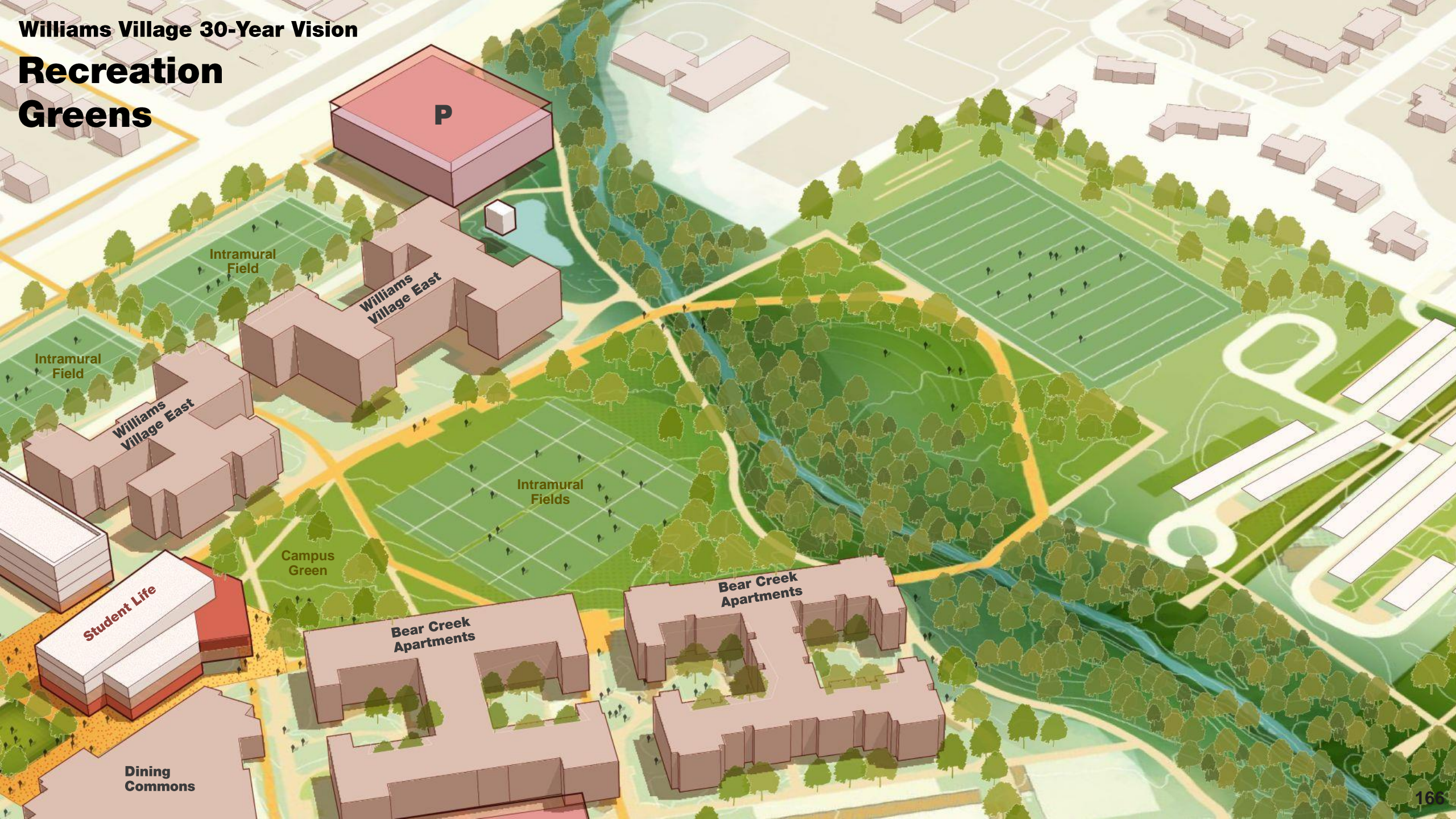
Campus Heart



Campus Heart



**Recreation
Greens**

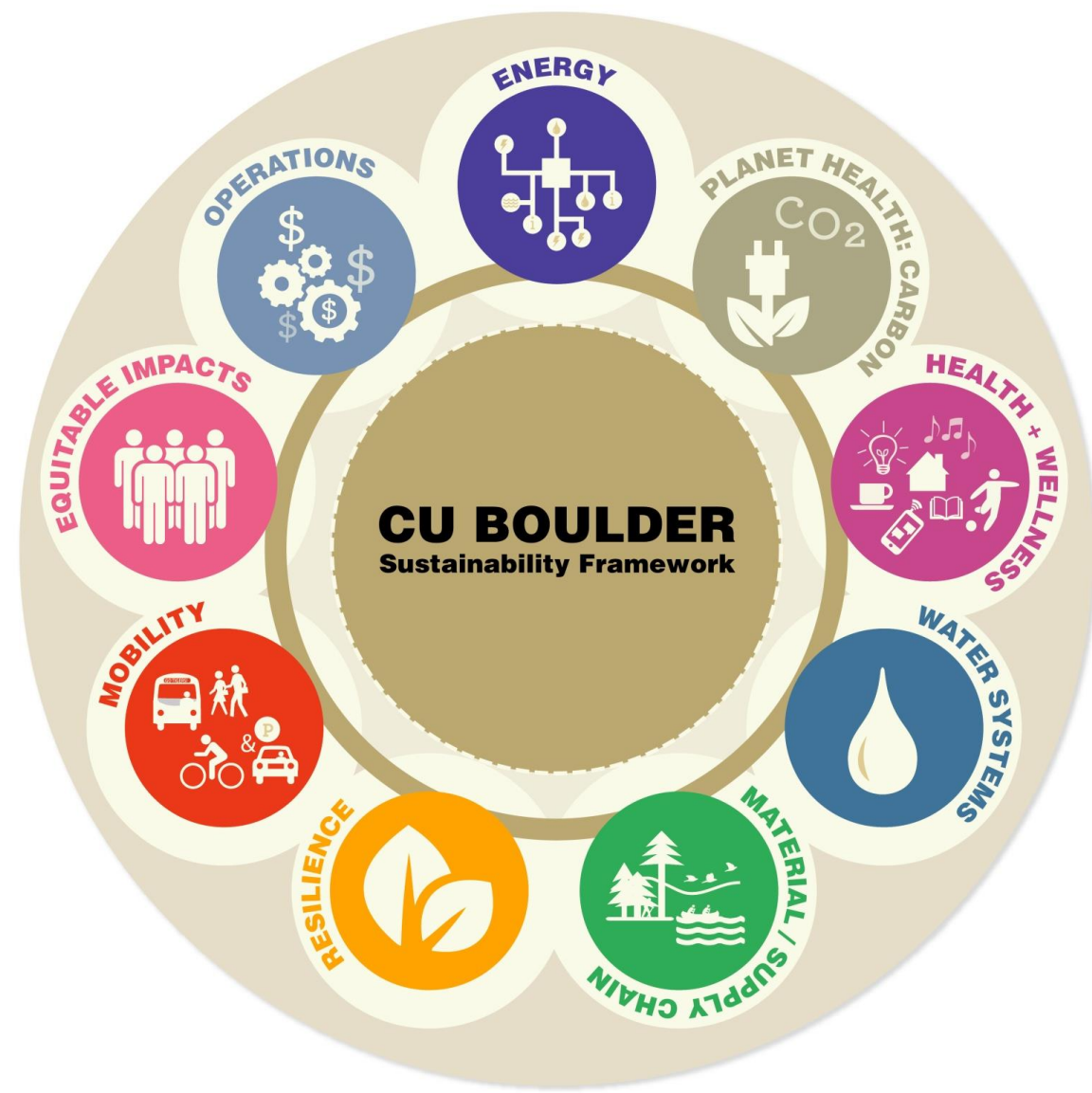


Williams Village 30-Year Vision
Proposed Framework



7 Sustainability

Sustainability Framework



Mobility

Walking path network,
active commuting



Ecosystems

Nurture Low impact
stormwater infiltration with
swales and rain gardens

Nurture biohabitat diversity,
native plant species, pollinators



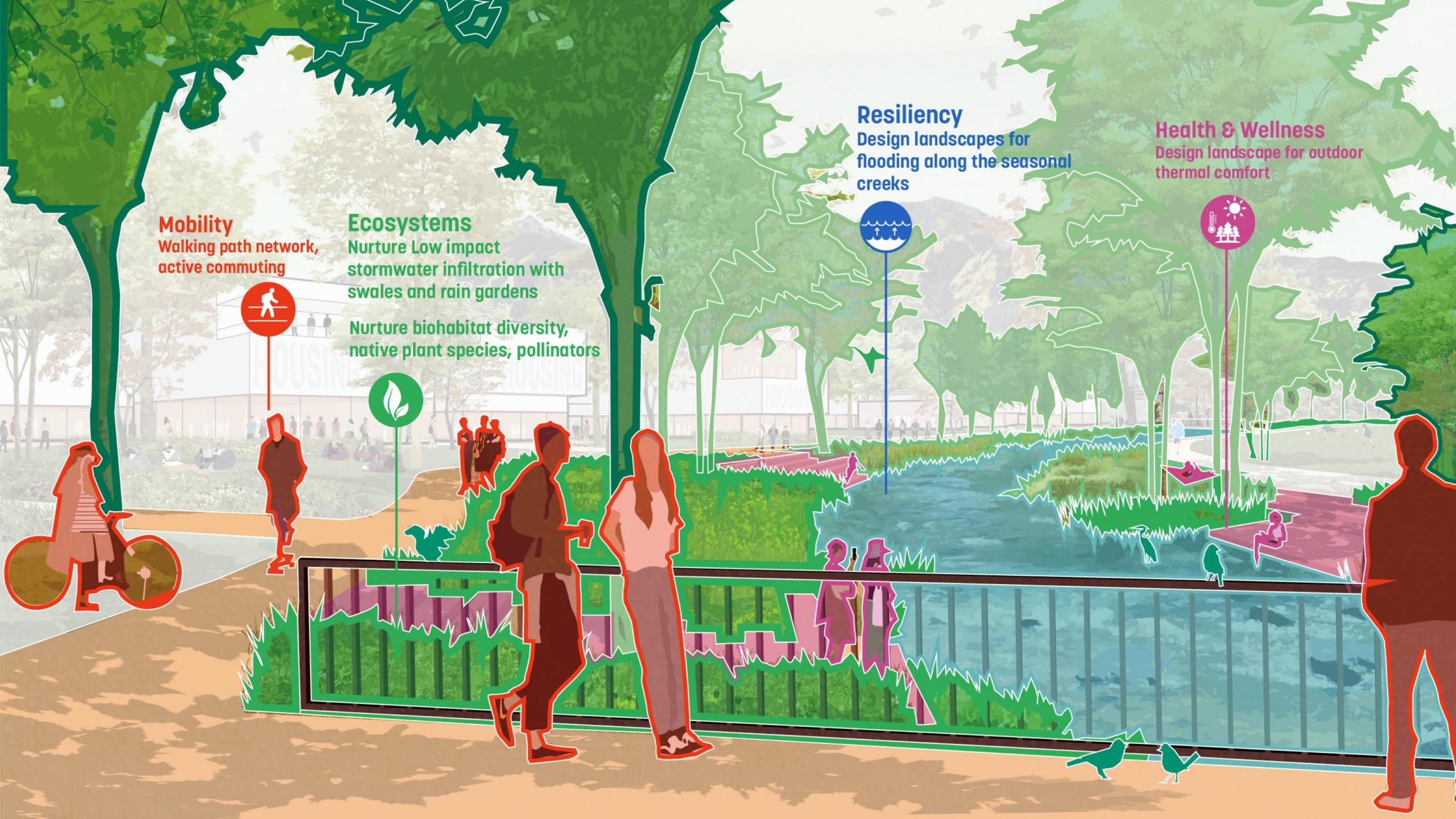
Resiliency

Design landscapes for
flooding along the seasonal
creeks



Health & Wellness

Design landscape for outdoor
thermal comfort



Health & Wellness

Encourage movement,
active commuting



Mobility

Incentivize car shares,
EV's, carpools



Ecosystems

Nurture biohabitat diversity,
native plant species, pollinators



Materials / Supply Chain

Embodied carbon and health
effects in all materials

Energy

Reduce building EUI and implement
onsite renewables



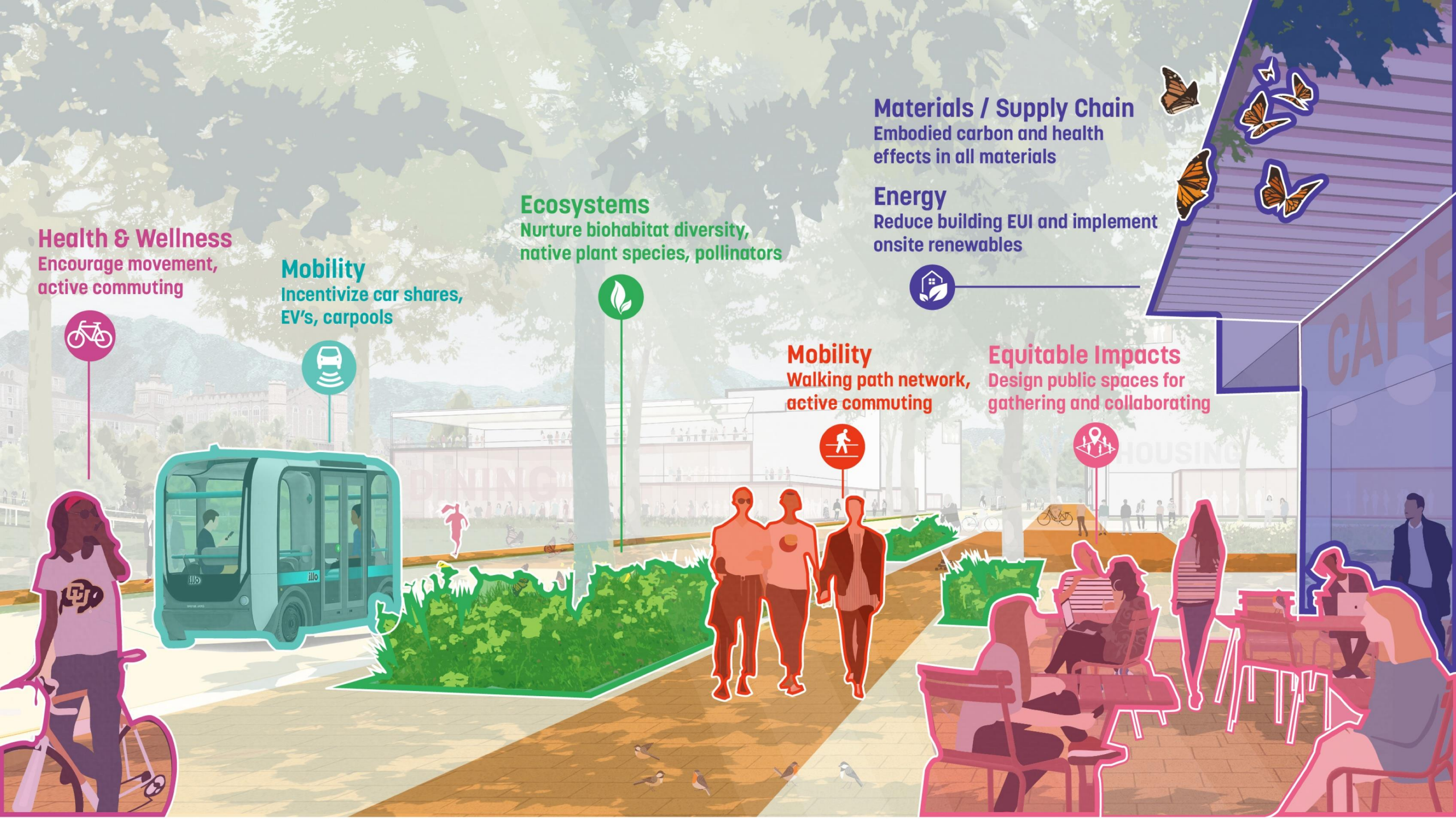
Mobility

Walking path network,
active commuting



Equitable Impacts

Design public spaces for
gathering and collaborating



Energy
Reduce building EUI



Equitable impacts
Universal Design



Energy
Electrify all systems in capital improvement projects



Mobility
Free bus passes



Mobility
Incentivize car shares, EV's, carpools



Mobility
Walking path network, active commuting



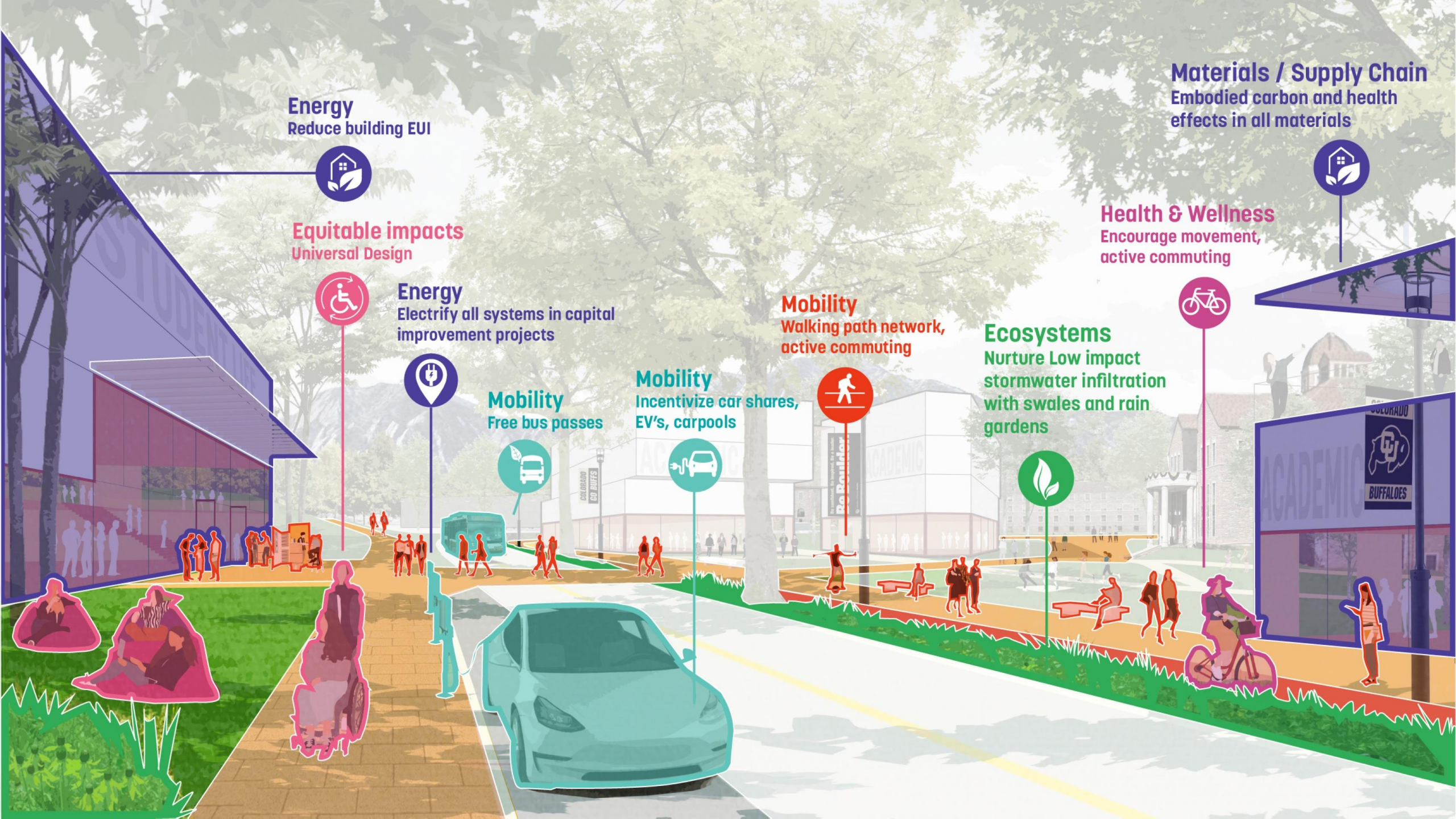
Ecosystems
Nurture Low impact stormwater infiltration with swales and rain gardens



Materials / Supply Chain
Embodied carbon and health effects in all materials



Health & Wellness
Encourage movement, active commuting



Utility Infrastructure Considerations

Refine and Advance Building Performance

- Remove natural gas combustion from existing buildings
- No new natural gas combustion
- Energy Master Plan EUI targets or better
 - Balance building heating and cooling loads
 - Reduce heat loss - improved envelope design
- Keep heat in buildings - air side heat recovery
- Low temperature hot water distribution
- Rooftop PV
- Consideration of geothermal technologies

District Energy Plant + Geothermal

NBC Sustainable Infrastructure

PRELIMINARY: MORE INVESTIGATION NEEDED

- Central Thermal Plant:
- Combustion-free heating sources to ensure safety and reliability
 - Thermal utilities use heat recovery and geothermal strategies as basis for carbon-free developments



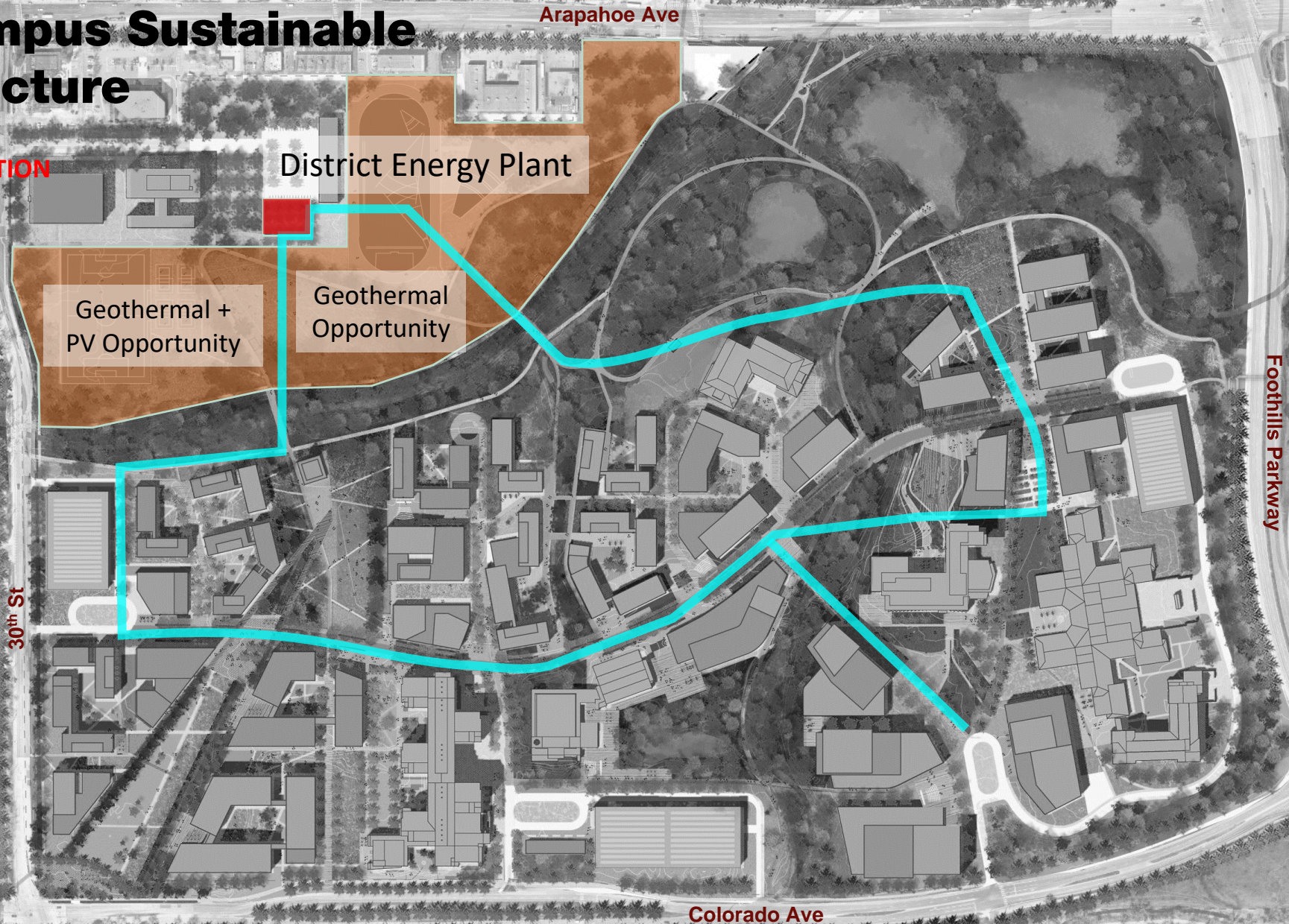
District Energy Plant Locations

Geothermal Opportunity

District Energy Plant + Geothermal

East Campus Sustainable Infrastructure

PRELIMINARY:
MORE INVESTIGATION
NEEDED



Central Thermal Plant:

- Combustion-free heating sources to ensure safety and reliability
- Thermal utilities use heat recovery and geothermal strategies as basis for carbon-free developments

8 Implementation

East Campus Guidelines

Guidelines Reference – UW Seattle



Maximum Building Heights






East Campus Guidelines

Guidelines Reference

UW Seattle

DEVELOPMENT STANDARDS

-  Mid-block Corridor
-  View Corridor
-  200' Shoreline District Overlay

DESIGN GUIDANCE

-  Gateway
-  Active Edge
-  Significant Open Space
-  Forested Edge
-  Priority Pedestrian Connector
-  Shared Street
-  Streetscape Improvements
-  Service Access
-  Potential Parking Access



East Campus Guidelines

Guidelines

Reference

UW Seattle

*The potential number of new parking spaces for South Campus. Specific parking spaces per development site have not been identified, since the proposed parking is designed as a contiguous podium.

**Please reference Appendix for specific names of buildings and year constructed associated with demolished area

*** Growth Allowance refers to Net New Gross Square Feet column

Table 11. South Campus Development Sites Spreadsheet

SITE ID	SITE NAME	TOTAL ENVELOPE GROSS SQUARE FEET	TOTAL MAXIMUM GROSS SQUARE FEET	PERCENT OF ENVELOPE	DEMO GROSS SQUARE FEET**	NET NEW GROSS SQUARE FEET***	APPROX# OF FLOORS	MAXIMUM BLDG HT LIMIT	CONDITIONED DOWN BUILDING HEIGHTS	EXISTING PARKING SPACES	ACADEMIC USES
S38	SCSII B	370,000	160,000	43%		160,000	7	200			A/MU
S39	SCSII C / Hitchcock Hall Site	280,000	270,000	96%	116,416	153,584	17	200			A/MU
S40	SCSII D / J Wing	580,000	425,000	73%	170,719	254,281	11	200			A/MU/T
S41	SCSII E / I Wing and G Wing	685,000	280,000	41%	215,620	64,380	7	200			A/MU
S42	SCSII F / T Wing	500,000	340,000	68%	493,496	-153,496	17	240			A/MU
S43	SCSII G / A Wing and C Wing	375,000	320,000	85%	101,489	218,511	17	240			A/MU
S44	SCSII H	385,000	310,000	81%		310,000	17	240			A/MU
S45	SCSII I / F Wing	340,000	165,000	49%	122,767	42,233	3	200			A/MU
S46	SCSII J / D Wing	275,000	245,000	89%	183,975	61,025	14	200			A/MU
S47	SCSII K / B Wing	525,000	345,000	66%	117,619	227,381	14	200			A/MU
S48	SCSII L / RR Wing, BB Wing, SW Wing	520,000	415,000	80%	454,692	-39,692	3	200			A/MU
S49	SCSII M / Ocean Teaching / S5, S6 Parking Lot	100,000	100,000	100%	51,552	48,448	8	105		7	A/MU
S50	SCSII N / S1 Parking Garage	385,000	260,000	68%		260,000	6	105		805	A/MU
S51	SCSII O / Harris Hydraulics Lab / South Campus Center / S7, S12 Parking Lot	30,000	20,000	67%	92,785	-72,785	2	37	30	6	A/MU
S52	SCSII P	490,000	320,000	65%		320,000	6	105			A/MU
S53	SCSII Q / Portage Bay Building / Oceanography Bldg, Dock, and Shed / S8 Parking Lot	35,000	25,000	71%	128,712	-103,712	2	37	30	24	A/MU
S54	SCSII R / CHDD Clinic and School / S9 Parking Lot	440,000	350,000	80%	115,943	234,057	7	105		4	A/MU
S55	SCSII S / CHDD South Building	35,000	25,000	71%	12,378	12,622	2	37	30		A/MU
S56	SCSII T / NN Wing	385,000	280,000	73%	122,217	157,783	15	240			A/MU
S57	SCSII U / EA Wing and EB Wing	430,000	360,000	84%	275,885	84,115	16	240			A/MU
TOTAL - SOUTH		7,165,000	5,015,000	72%	2,776,265	2,208,735				846	

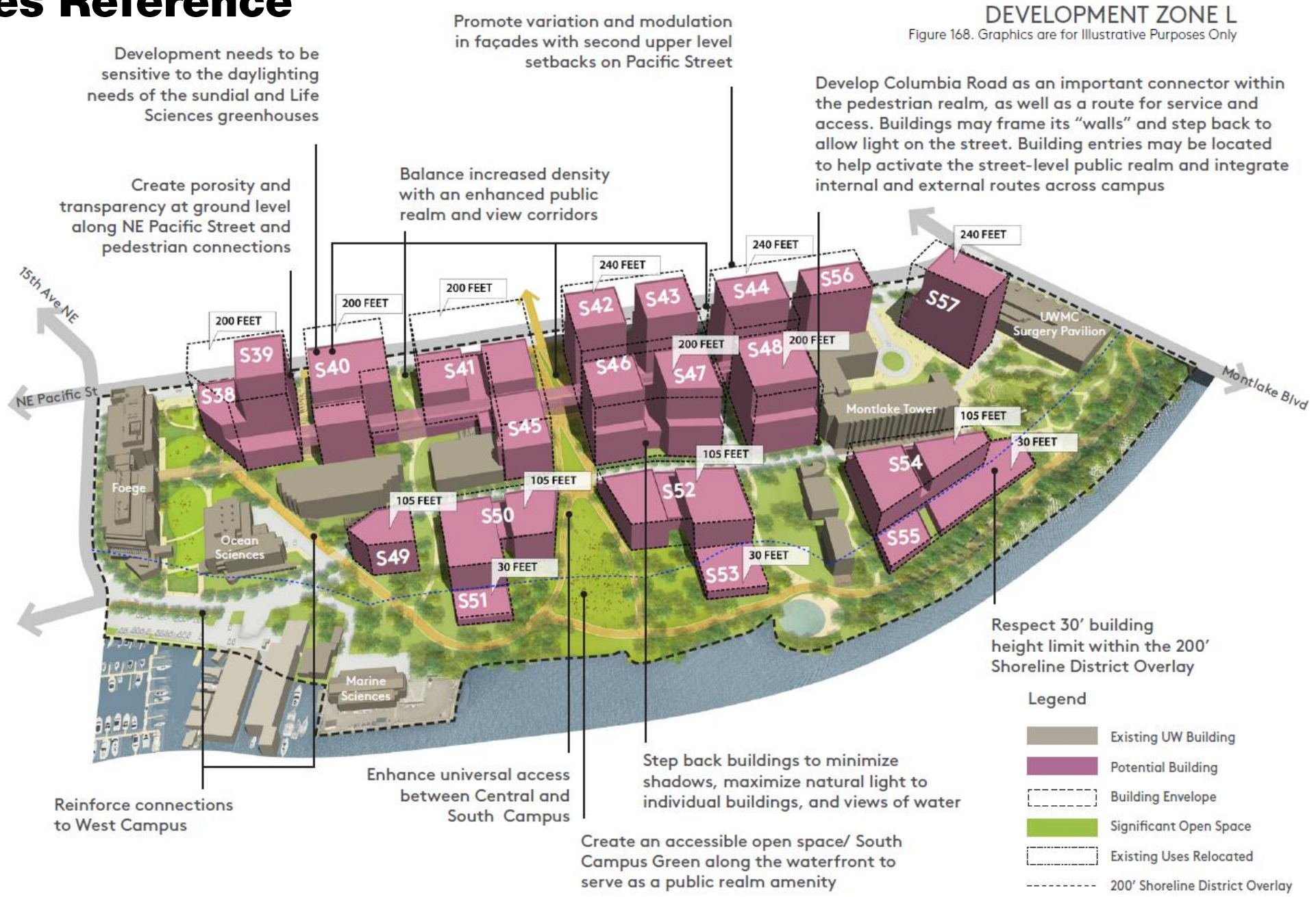
Academic General Uses: A - Academic; H - Housing; MU - Mixed Use; T - Transportation; OS - Open Space; IP - Industry Partnership/Manufacturing; ACC - Academic Conference Center

“Maximum Building Height Limit” refers to the height limit allowed under the MIO zoning height.

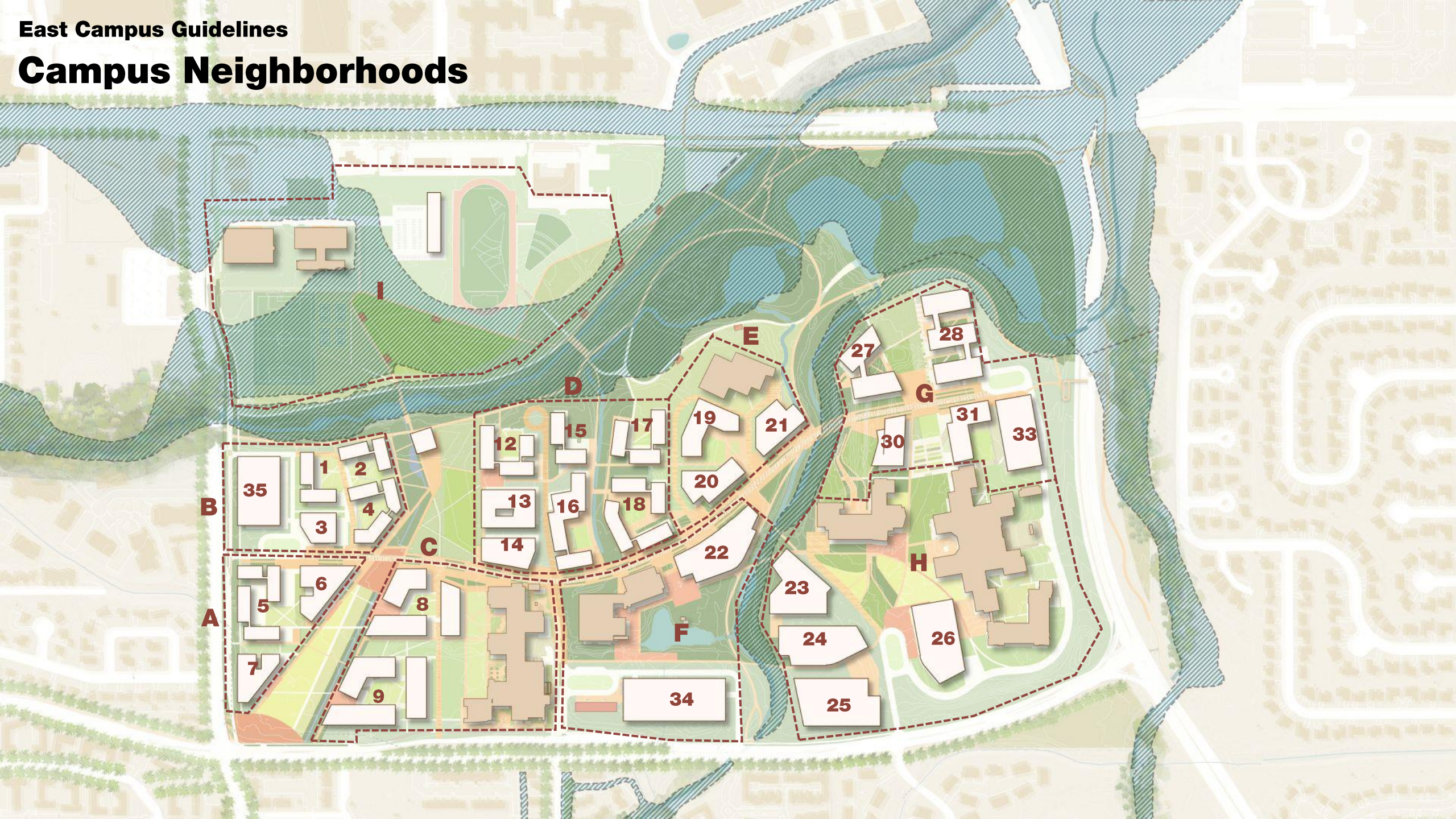
East Campus Guidelines

Guidelines Reference

UW Seattle



Campus Neighborhoods



East Campus Guidelines

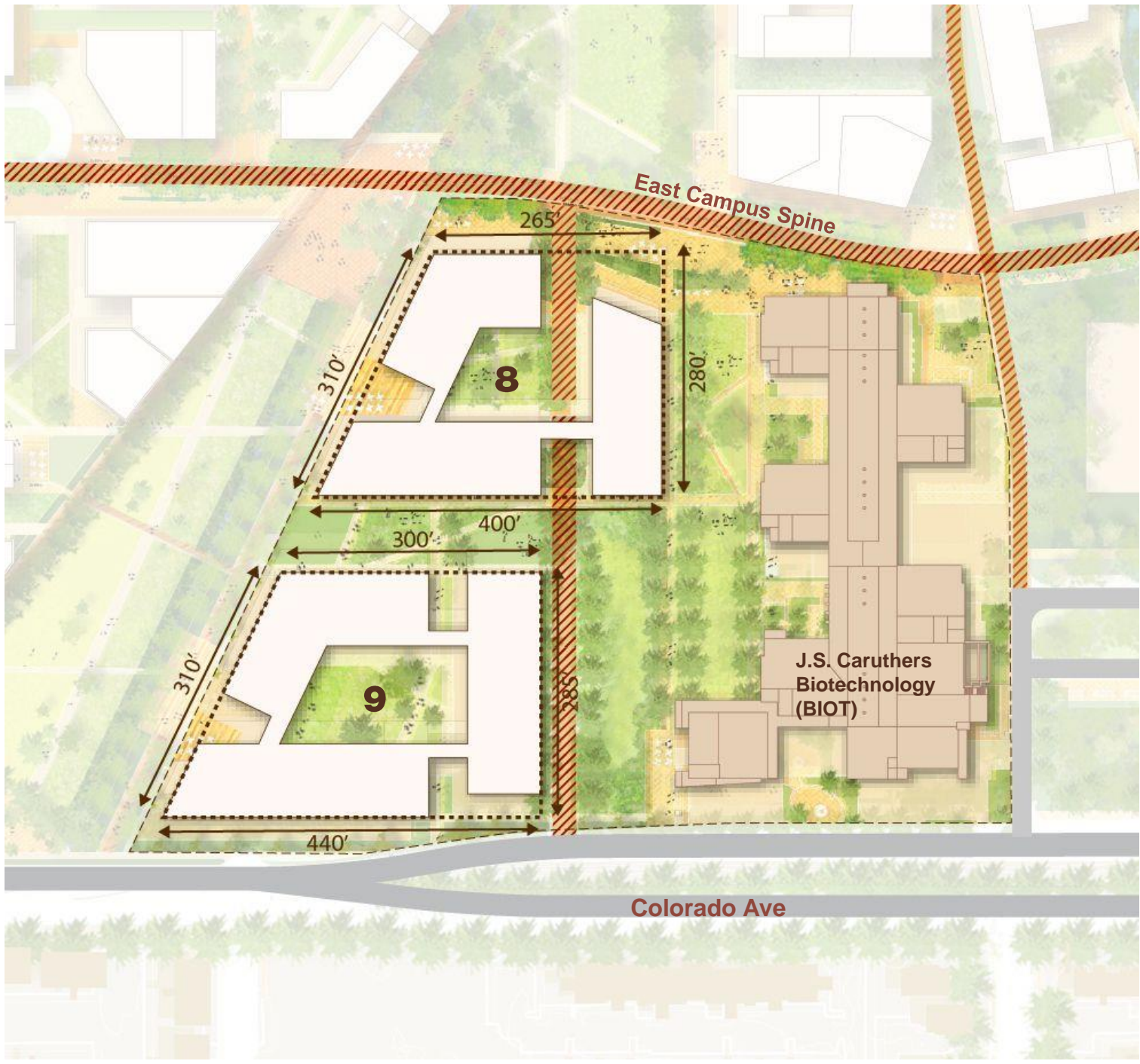
Cluster C

Building 8

GSF= 259,255 SQF
ASF= 168,516 SQF
Building use Research

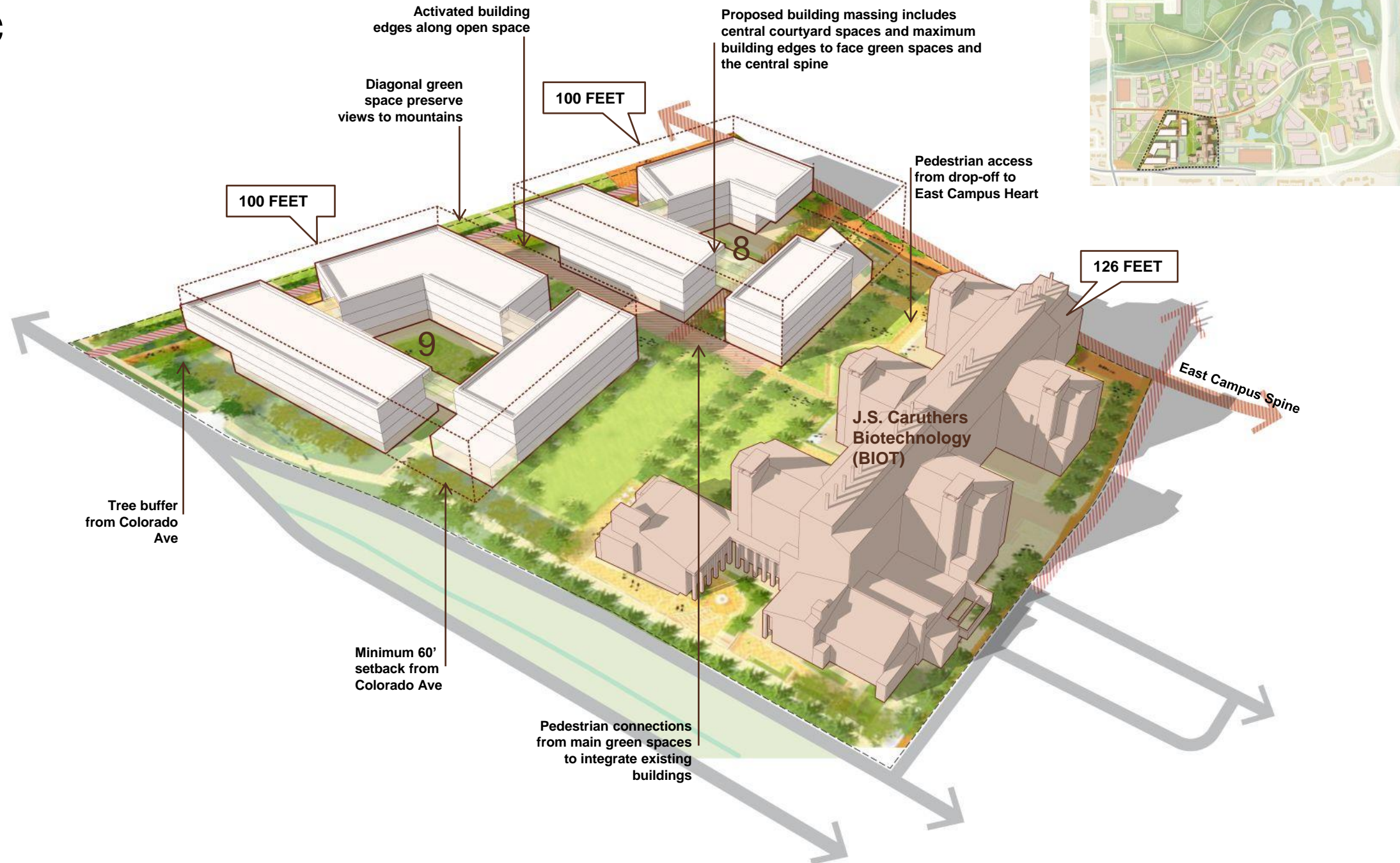
Building 9

GSF= 269,950 SQF
ASF= 175,468 SQF
Building use Research



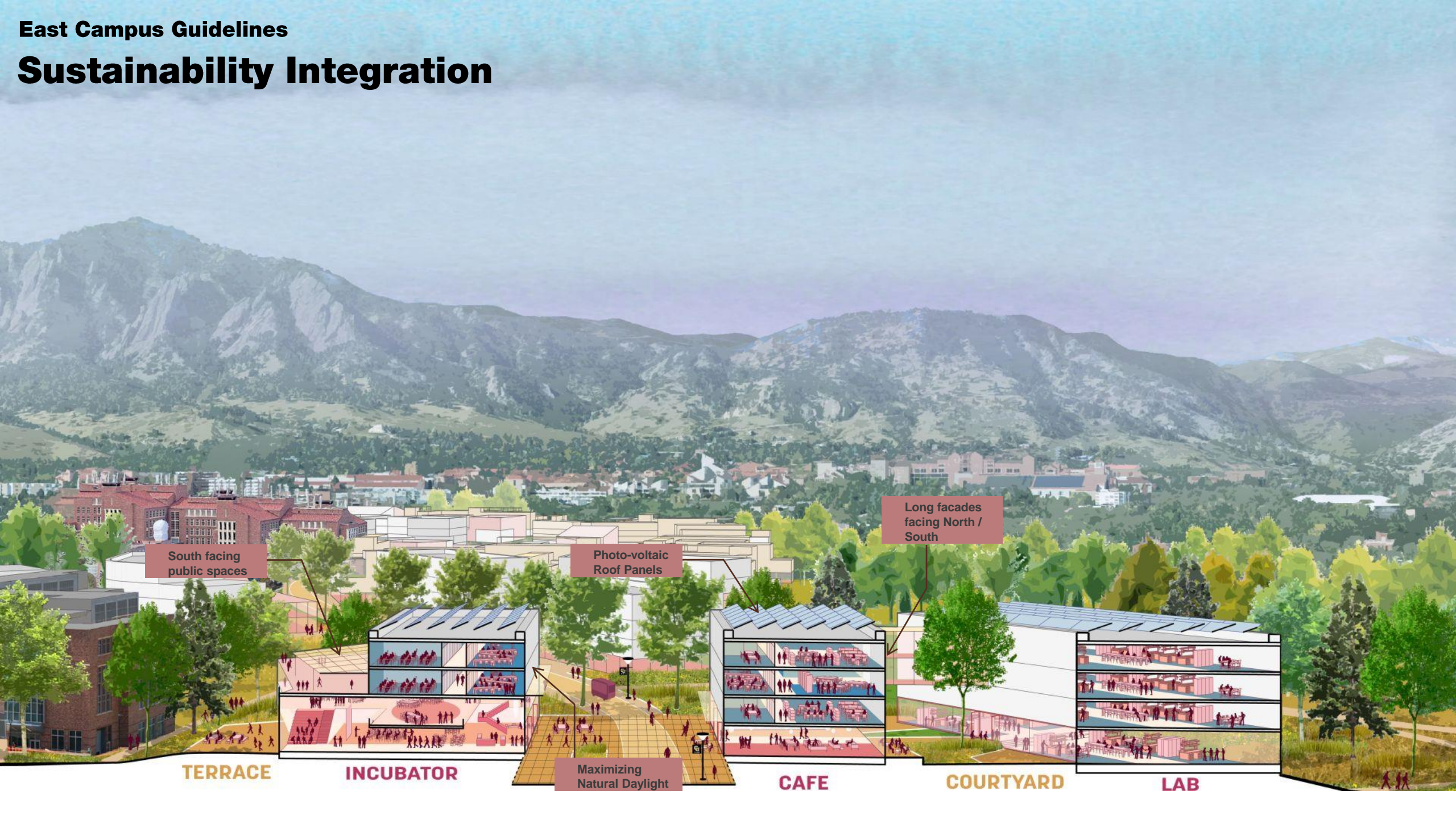
- Proposed Buildings
- Existing Building
- East Campus Spine / Service Emergency
- Vehicular Street

Cluster C



East Campus Guidelines

Sustainability Integration



South facing public spaces

Photo-voltaic Roof Panels

Long facades facing North / South

Maximizing Natural Daylight

TERRACE

INCUBATOR

CAFE

COURTYARD

LAB

East Campus Guidelines

Cluster D

- Building 12**

GSF= 121,200 SQF

ASF= 78,780 SQF

Building use Housing
- Building 13**

GSF= 57,400 SQF

ASF= 56,810 SQF

Building use Housing
- Building 14**

GSF = 68,500 SQF

ASF= 44,525 SQF

Building use Campus Life
- Building 15**

GSF = 74,700 SQF

ASF= 48,555 SQF

Building use Housing
- Building 16**

GSF = 149,400 SQF

ASF= 99,710 SQF

Building use Housing Campus Life
- Building 17**

GSF = 123,215 SQF

ASF= 80,090 SQF

Building use Housing
- Building 18**

GSF = 179,195 SQF

ASF= 116,477 SQF

Building use Housing



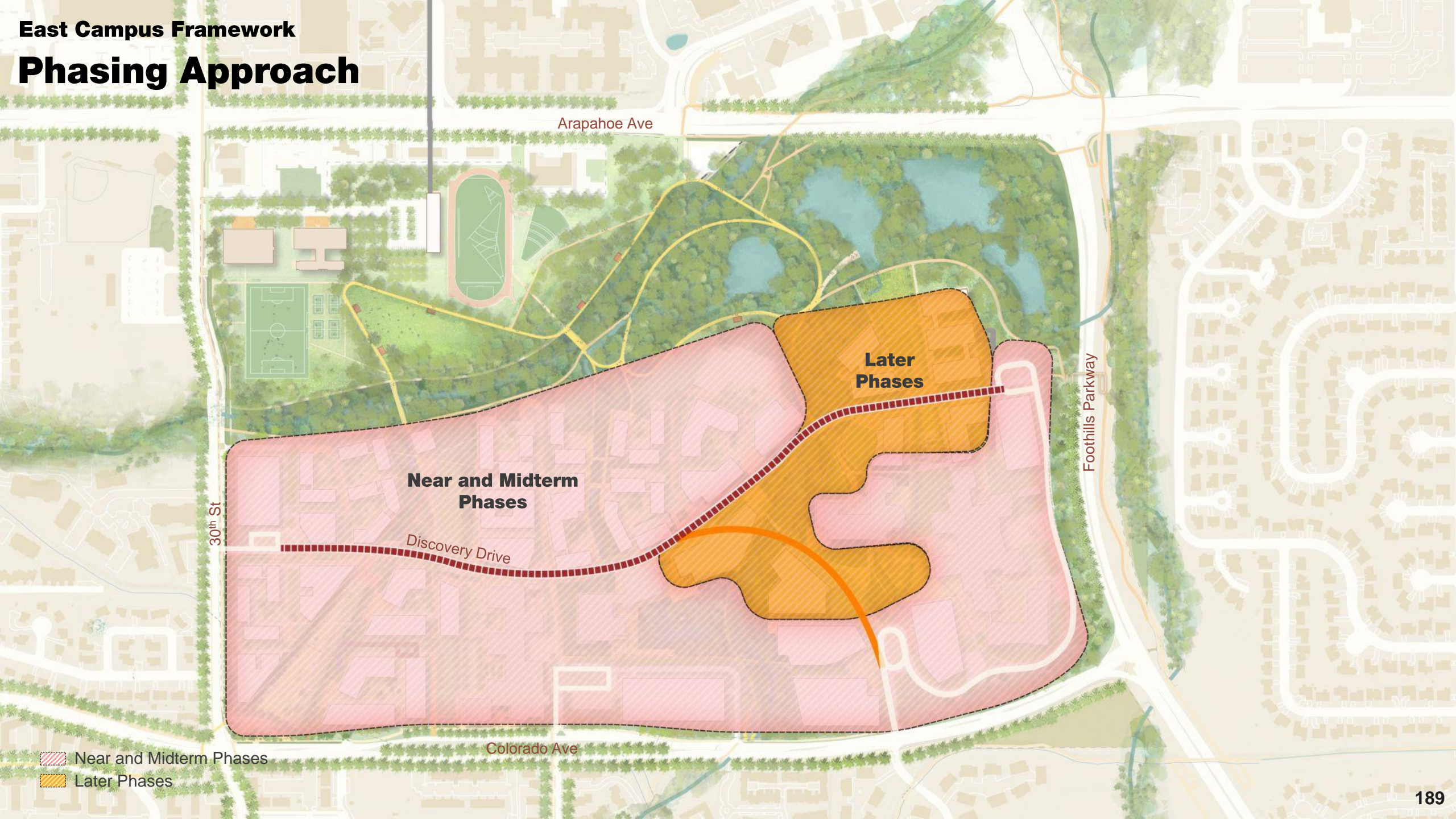
Cluster D



Phasing Strategy

East Campus Framework

Phasing Approach



10-year Plan of Potential Projects

10-year Capital Project List

- A. Fleming – Education Phase II
- B. Old Main / Macky / Hale structural
- C. Muenzinger Renov/Abatement
- D. Ekeley Teaching Labs
- E. Chemistry
- F. Carlson renovation
- G. Norlin/Museum Critical Collections
- H. ECOT renovation
- I. TMP – mobility hub & parking

State & Federal funding requests for Capital Construction/Renewal

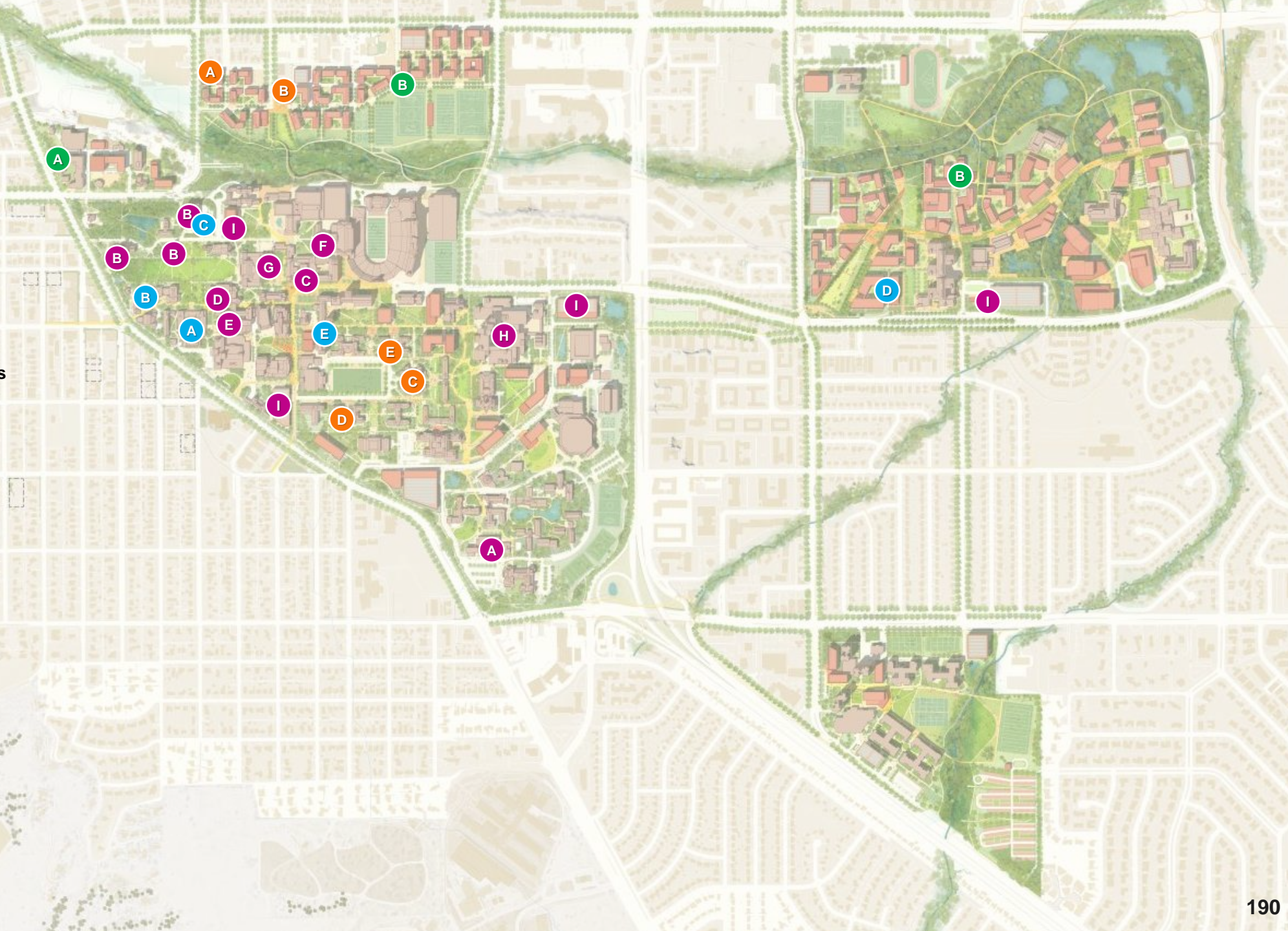
- A. Hellems renovation
- B. Guggenheim renovation
- C. Macky renovation
- D. East Campus class/lab building
- E. JILA addition & renovation

Initial plan for Housing projects

- A. NBC new building
- B. NBC new building
- C. Farrand renovation
- D. Cheyenne-Arapaho renovation
- E. Libby renovation

P3 projects

- A. Hotel Conference Center
- B. Graduate/Faculty/Staff Housing



Phasing and Implementation

Existing Buildings



Phasing and Implementation

New & Existing Buildings



Phasing and Implementation

Years 1-10

State & Federal funding requests for Capital Construction/Renewal

- B. Hellems renovation
- B. Guggenheim renovation
- B. Macky renovation

10-year Capital Project List

- A. Fleming - Education Phase II
- B. Old Main / Macky / Hale structural
- I. Chemistry (east (9) & main (10))
- B. CHEM backfill
- G. Academic building 1 @ WillVill (1)
- B. Norlin/Museum Critical Collections
- A. ECOT renovation

P3 projects

- C. Hotel Conference Center (5)
- B. Muenzinger Renov/Abatement
- B. Ekeley Teaching Labs (east (9) main (10))
- J. Housing Graduate P3 Housing (17 & 18)
- M. East Campus Partner - Computing (24)

Housing

- D. Residence Hall #1 - NBC (1&2)
- E. Residence Hall #2 - location(8)
- B. Farrand renovation
- B. Cheyenne-Arapaho renovation
- B. Libby renovation

Athletics

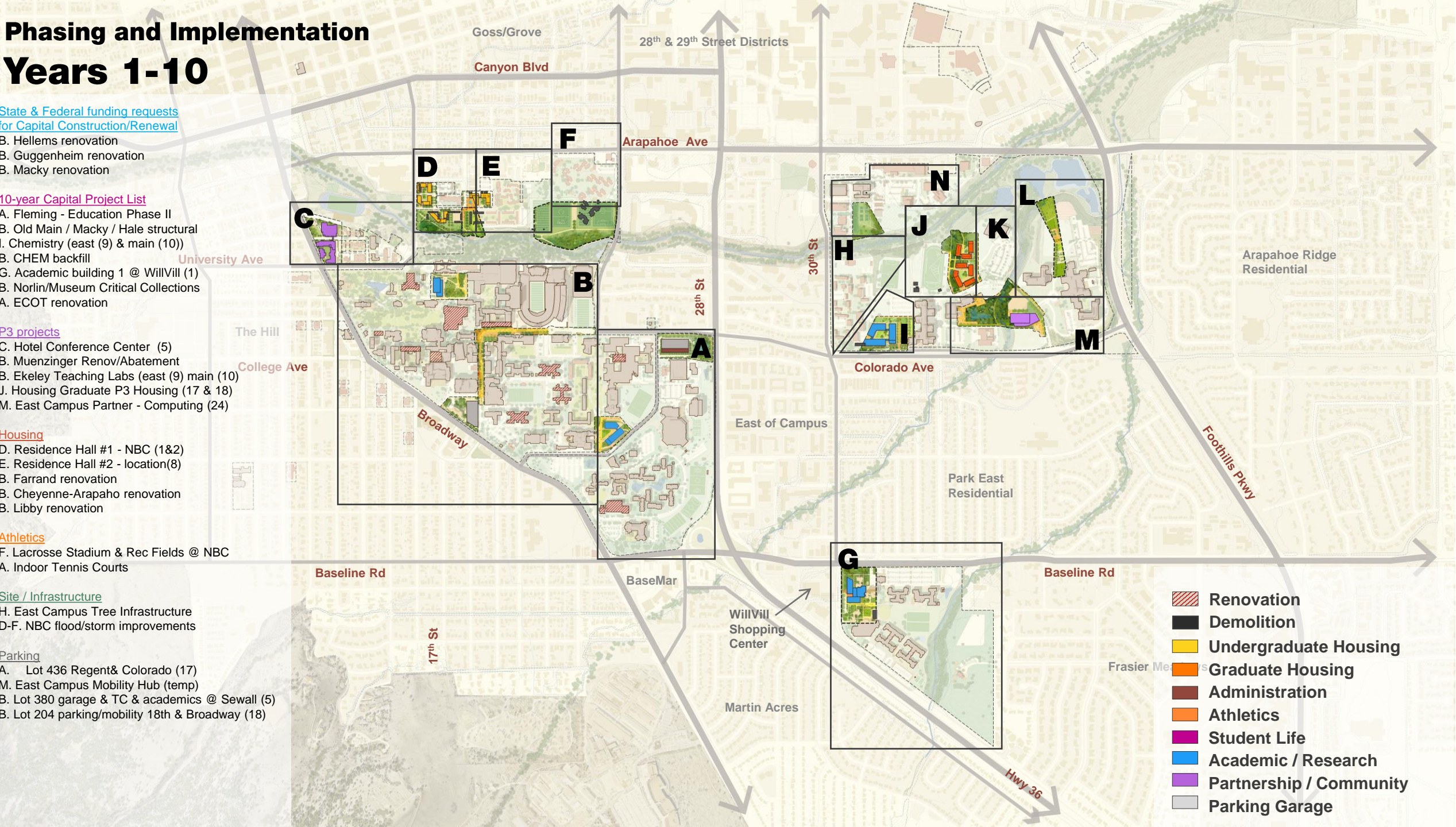
- F. Lacrosse Stadium & Rec Fields @ NBC
- A. Indoor Tennis Courts

Site / Infrastructure

- H. East Campus Tree Infrastructure
- D-F. NBC flood/storm improvements

Parking

- A. Lot 436 Regent& Colorado (17)
- M. East Campus Mobility Hub (temp)
- B. Lot 380 garage & TC & academics @ Sewall (5)
- B. Lot 204 parking/mobility 18th & Broadway (18)



- Renovation
- Demolition
- Undergraduate Housing
- Graduate Housing
- Administration
- Athletics
- Student Life
- Academic / Research
- Partnership / Community
- Parking Garage

Phasing and Implementation Years 1-10

State & Federal funding requests for Capital Construction/Renewal

- B. Hellems renovation
- B. Guggenheim renovation
- B. Macky renovation

10-year Capital Project List

- A. Fleming - Education Phase II
- B. Old Main / Macky / Hale structural
- I. Chemistry (east (9) & main (10))
- B. CHEM backfill
- G. Academic building 1 @ WillVill (1)
- B. Norlin/Museum Critical Collections
- A. ECOT renovation

P3 projects

- C. Hotel Conference Center (5)
- B. Muenzinger Renov/Abatement
- B. Ekeley Teaching Labs (east (9) main (10))
- J. Housing Graduate P3 Housing (17 & 18)
- M. East Campus Partner - Computing (24)

Housing

- D. Residence Hall #1 - NBC (1&2)
- E. Residence Hall #2 - location(8)
- B. Farrand renovation
- B. Cheyenne-Arapaho renovation
- B. Libby renovation

Athletics

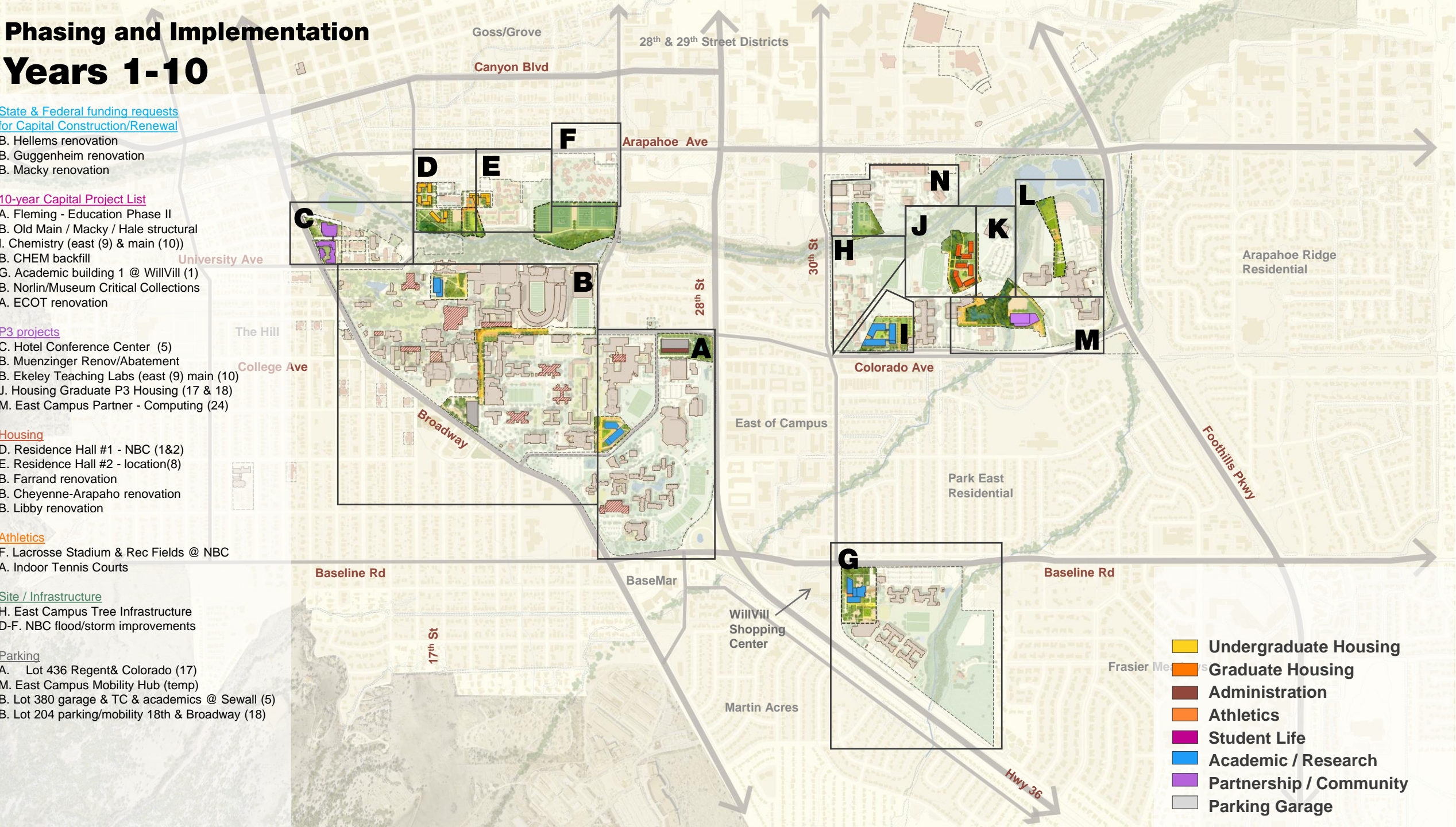
- F. Lacrosse Stadium & Rec Fields @ NBC
- A. Indoor Tennis Courts

Site / Infrastructure

- H. East Campus Tree Infrastructure
- D-F. NBC flood/storm improvements

Parking

- A. Lot 436 Regent& Colorado (17)
- M. East Campus Mobility Hub (temp)
- B. Lot 380 garage & TC & academics @ Sewall (5)
- B. Lot 204 parking/mobility 18th & Broadway (18)



Phasing and Implementation

Years 11-20

State & Federal funding requests for Capital Construction/Renewal

- B. Economics renovation
- B. Henderson renovation

10-year Capital Project List

- D. Student life building @ NBC (7)
- A. Academic/Research @ Business Field (10)
- B. Carlson
- G. Student life building @ WillVill (3)
- G. Academic building @ WillVill (2)
- I. Academic/Research building at East (8)
- A. Student life building @ Events knoll (19)
- H. Student life building @ East (6)
- H. Student life building @ East (3)
- H. Academic/Research building at East (7)
- A. Academic/Research @ Business Parking (9)

P3 projects

- M. East Campus Partnership (25)
- G. Family Housing @ WillVill
- M. East Campus Partnership (26)

Housing

- E. Housing at NBC - replace Fac Staff Court (5&7)
- B. Sewall Renovation
- E. Housing at NBC - replace Athens Court (9&14)
- B. Willard Renovation
- E. Housing at NBC - east of Marine Court (15,16,17,19) parking/green)
- B. Hallett Renovation
- H. Housing at East Campus - @ Smiley (ENGR quad replace) (5)
- H. Housing at East Campus - @ Smiley (1,2,4)
- F. Housing at NBC - replace Newton Court (21&24)
- F. Housing at NBC - replace Newton Court (20,22,23,25)

Athletics

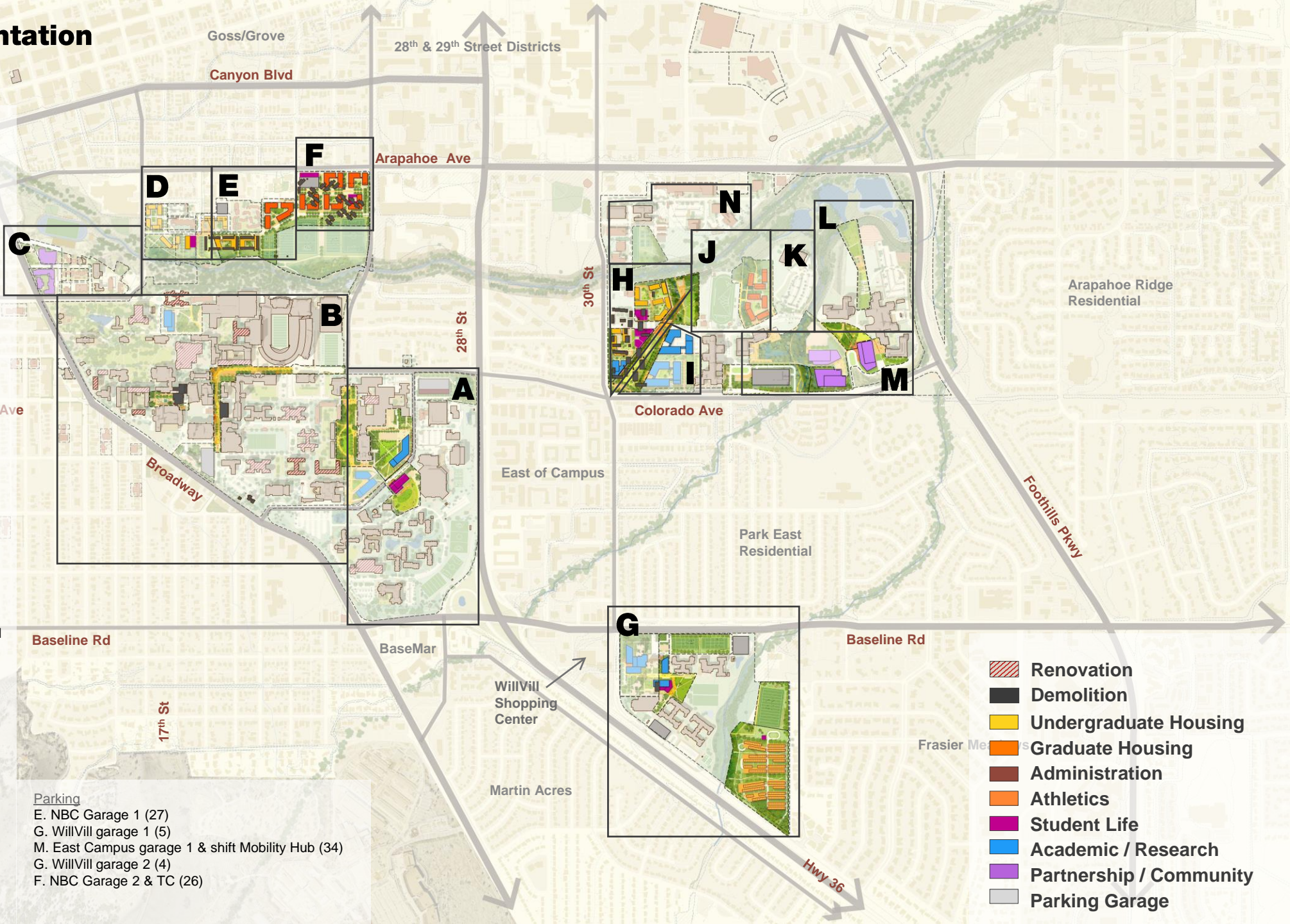
- N. Soccer Stadium & Field

Site / Infrastructure

- G. Rugby @ WillVill
- B. The Walk: 18th & Colorado civic improve
- G. Diagonal Greenspace
- G. EC Campus Heart
- G. Rec Courts & TC @ Will Vill
- B. INFO-to-Trumbo civic improvements
- G. EC Innovation Plaza

Parking

- E. NBC Garage 1 (27)
- G. WillVill garage 1 (5)
- M. East Campus garage 1 & shift Mobility Hub (34)
- G. WillVill garage 2 (4)
- F. NBC Garage 2 & TC (26)



Phasing and Implementation

Years 11-20

[State & Federal funding requests for Capital Construction/Renewal](#)

- B. Economics renovation
- B. Henderson renovation

[10-year Capital Project List](#)

- D. Student life building @ NBC (7)
- A. Academic/Research @ Business Field (10)
- B. Carlson
- G. Student life building @ WillVill (3)
- G. Academic building @ WillVill (2)
- I. Academic/Research building at East (8)
- A. Student life building @ Events knoll (19)
- H. Student life building @ East (6)
- H. Student life building @ East (3)
- H. Academic/Research building at East (7)
- A. Academic/Research @ Business Parking (9)

[P3 projects](#)

- M. East Campus Partnership (25)
- G. Family Housing @ WillVill
- M. East Campus Partnership (26)

[Housing](#)

- E. Housing at NBC - replace Fac Staff Court (5&7)
- B. Sewall Renovation
- E. Housing at NBC - replace Athens Court (9&14)
- B. Willard Renovation
- E. Housing at NBC - east of Marine Court (15,16,17,19) parking/green)
- B. Hallett Renovation
- H. Housing at East Campus - @ Smiley (ENGR quad replace) (5)
- H. Housing at East Campus - @ Smiley (1,2,4)
- F. Housing at NBC - replace Newton Court (21&24)
- F. Housing at NBC - replace Newton Court (20,22,23,25)

[Athletics](#)

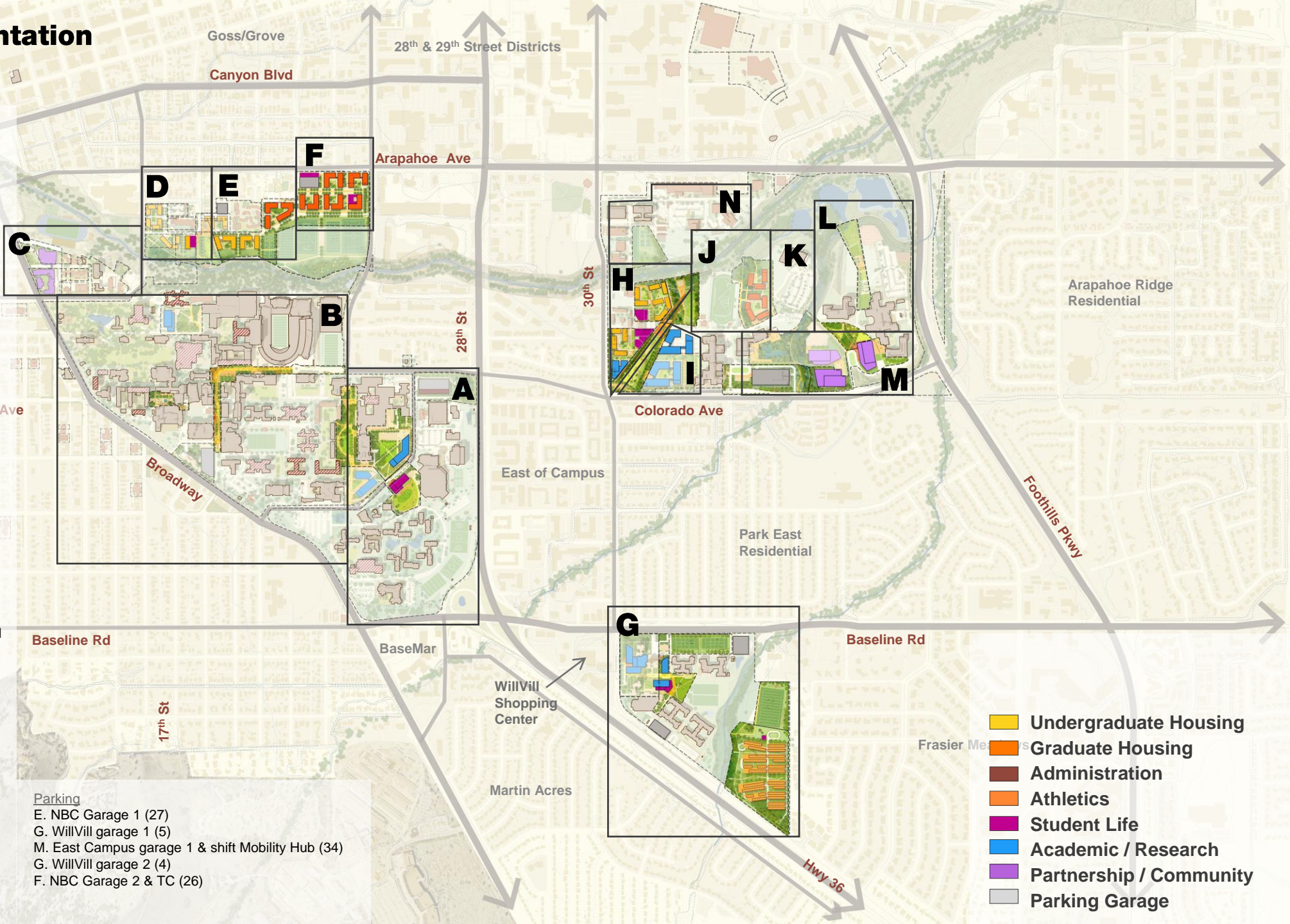
- N. Soccer Stadium & Field

[Site / Infrastructure](#)

- G. Rugby @ WillVill
- B. The Walk: 18th & Colorado civic improve
- G. Diagonal Greenspace
- G. EC Campus Heart
- G. Rec Courts & TC @ Will Vill
- B. INFO-to-Trumbo civic improvements
- G. EC Innovation Plaza

[Parking](#)

- E. NBC Garage 1 (27)
- G. WillVill garage 1 (5)
- M. East Campus garage 1 & shift Mobility Hub (34)
- G. WillVill garage 2 (4)
- F. NBC Garage 2 & TC (26)



- Undergraduate Housing
- Graduate Housing
- Administration
- Athletics
- Student Life
- Academic / Research
- Partnership / Community
- Parking Garage

Phasing and Implementation

Years 21-30

State & Federal funding requests for Capital Construction/Renewal

- B. Duane Physics renovation & addition (6)
- B. JILA addition/renovation @ ENVD (2)

10-year Capital Project List

- B. Academic/Research @ ENGR quad (8)
- J. Student life building @ East (13)
- J. Student life building @ East (14)
- K. Academic/Research building at East (20)
- K. Academic/Research building at East (19)
- A. Academic/Research @ lot 440 Events (11)
- A. Academic/Research @ Business Field (20)

P3 projects

- M. East Campus Partnership 4 (23)
- C. Partnership/Alumni @ Grandview (2)
- O. South Campus Housing 1

Housing

- J. Housing at East Campus - @ Potts (12,15,16)
- C. Housing at Grandview (1&3)
- C. Housing at Grandview (4)
- D. Housing at NBC - replace Athens North (3,4,6)
- E. Housing at NBC - replace Marine Court (10,11,12,13)

Athletics

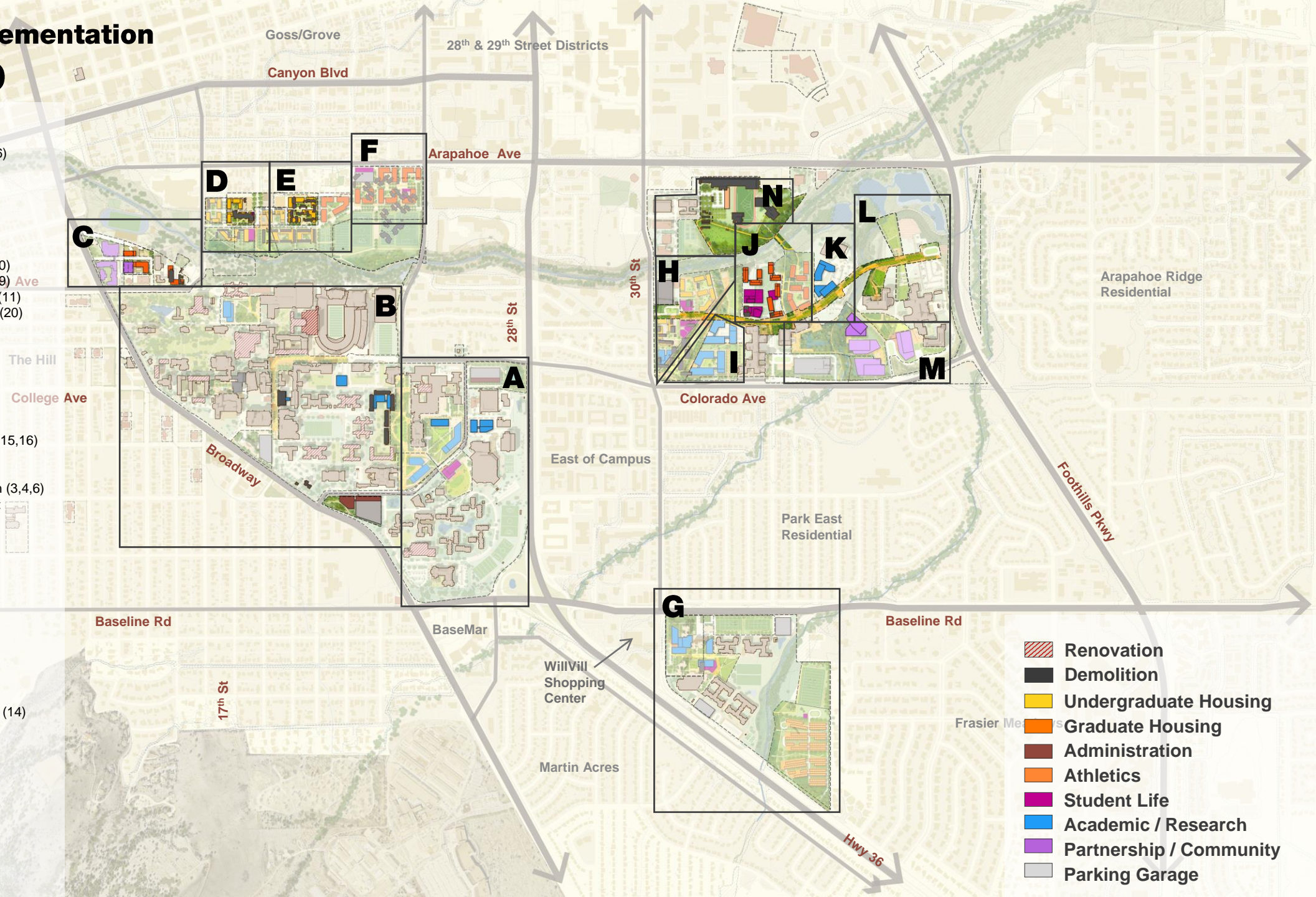
- N. Track & Field
- B. Press Box & Balch

Site / Infrastructure

- The Walk – civic space by STAD
- K. Realignment of Discovery Drive

Parking

- H. East Campus garage 2 (35)
- B. Lot 308 garage @ Regent & Broadway (14)



Phasing and Implementation Years 21-30

State & Federal funding requests for Capital Construction/Renewal

- B. Duane Physics renovation & addition (6)
- B. JILA addition/renovation @ ENVD (2)

10-year Capital Project List

- B. Academic/Research @ ENGR quad (8)
- J. Student life building @ East (13)
- J. Student life building @ East (14)
- K. Academic/Research building at East (20)
- K. Academic/Research building at East (19)
- A. Academic/Research @ lot 440 Events (11)
- A. Academic/Research @ Business Field (20)

P3 projects

- M. East Campus Partnership 4 (23)
- C. Partnership/Alumni @ Grandview (2)
- O. South Campus Housing 1

Housing

- J. Housing at East Campus - @ Potts (12,15,16)
- C. Housing at Grandview (1&3)
- C. Housing at Grandview (4)
- D. Housing at NBC - replace Athens North (3,4,6)
- E. Housing at NBC - replace Marine Court (10,11,12,13)

Athletics

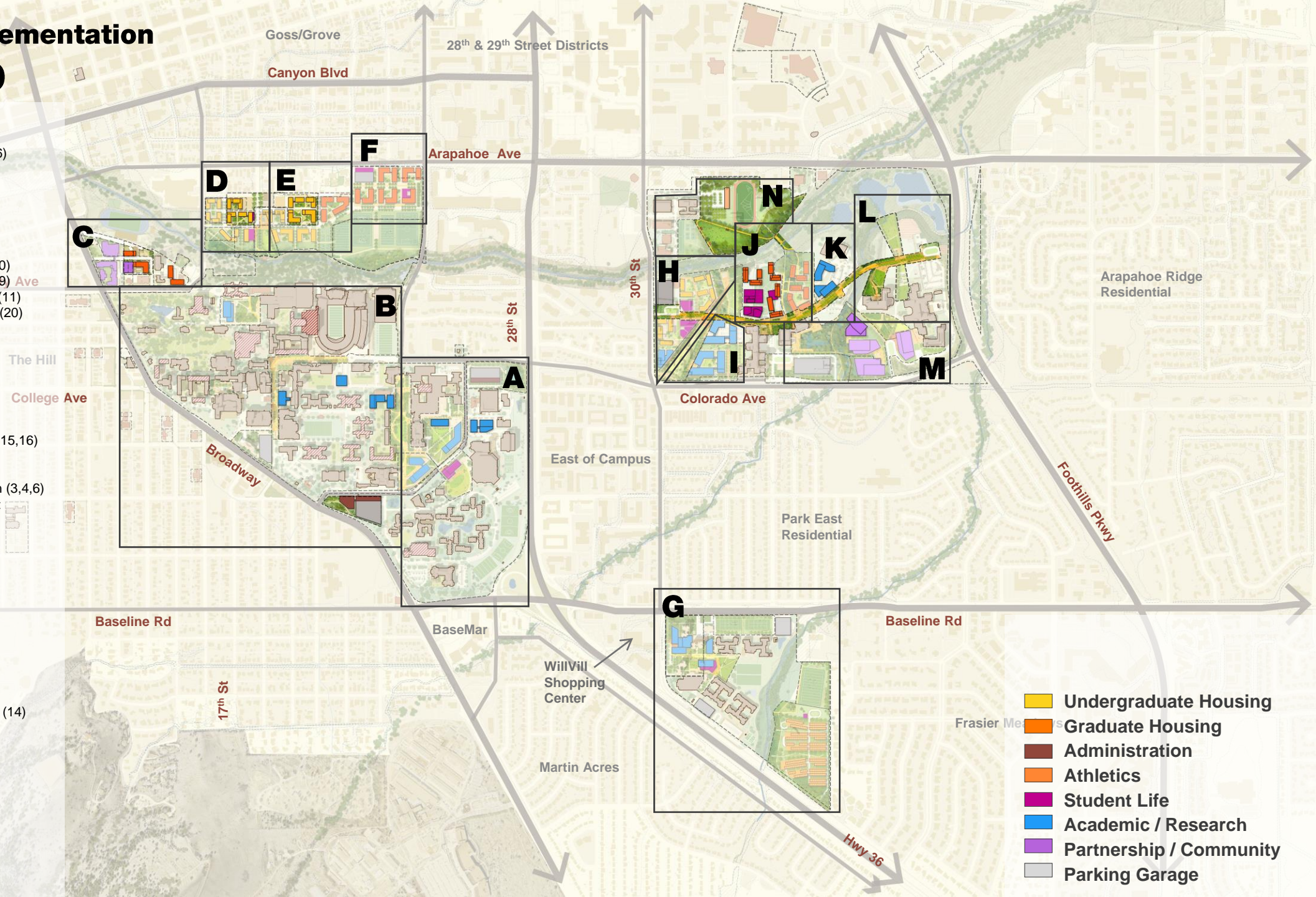
- N. Track & Field
- B. Press Box & Balch

Site / Infrastructure

- The Walk – civic space by STAD
- K. Realignment of Discovery Drive

Parking

- H. East Campus garage 2 (35)
- B. Lot 308 garage @ Regent & Broadway (14)



Phasing and Implementation Year 30 & beyond

10-year Capital Project List

- B. Academic / Research @914
- H. Student Life at East
- K. Academic / Research Building (21)
- K. Academic / Research Building (22)
- L. Academic / Research Building (27)
- L. Academic / Research Building (28)
- L. Academic / Research Building (30)
- L. Academic / Research Building (31)
- N. Academic / Research Building (32)

**State & Federal funding requests
for Capital Construction/Renewal**

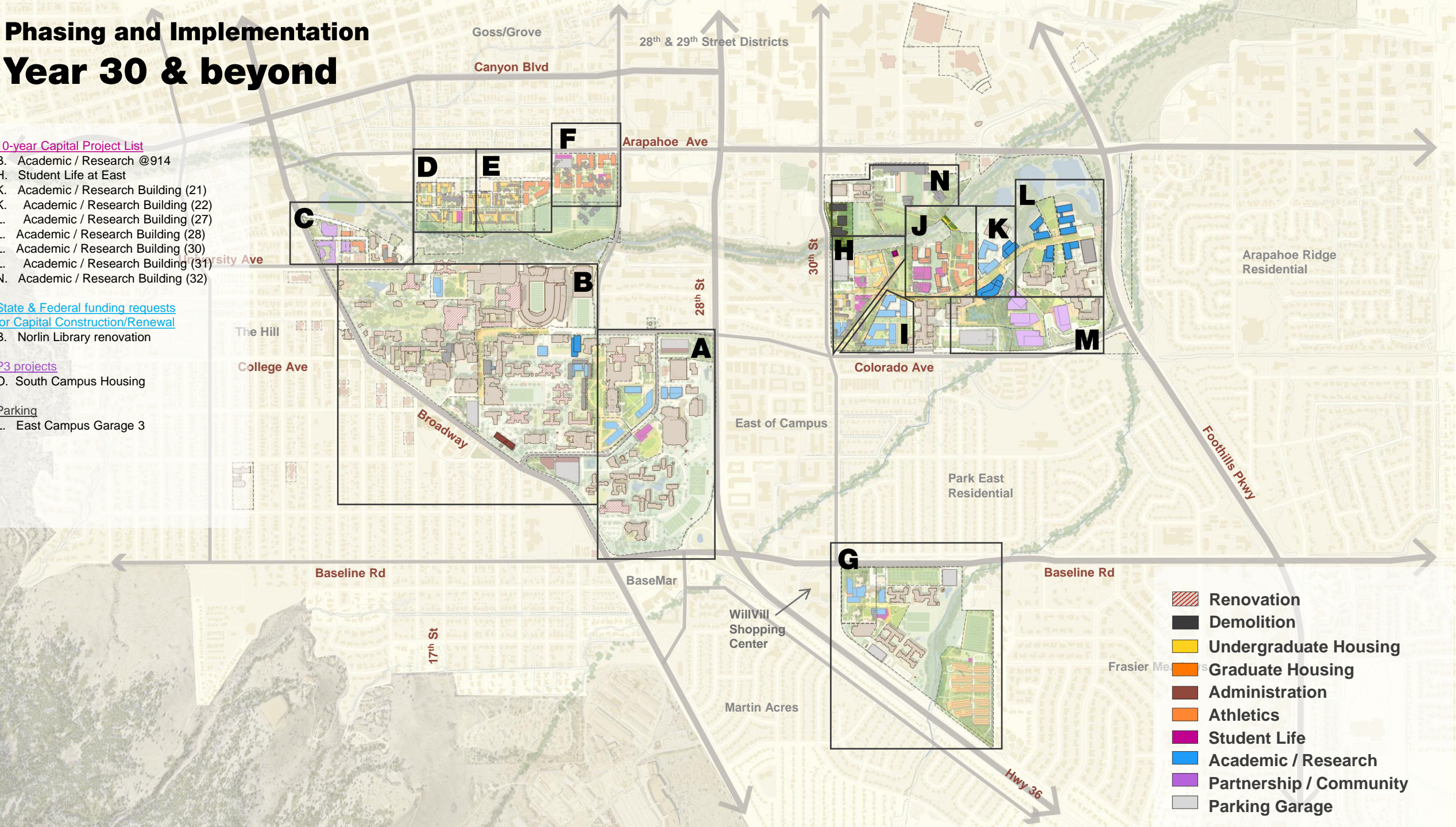
- B. Norlin Library renovation

P3 projects

- O. South Campus Housing

Parking

- L. East Campus Garage 3



Phasing and Implementation Year 30 & beyond

10-year Capital Project List

- B. Academic / Research @914
- H. Student Life at East
- K. Academic / Research Building (21)
- L. Academic / Research Building (22)
- L. Academic / Research Building (27)
- L. Academic / Research Building (28)
- L. Academic / Research Building (30)
- L. Academic / Research Building (31)
- N. Academic / Research Building (32)

**State & Federal funding requests
for Capital Construction/Renewal**

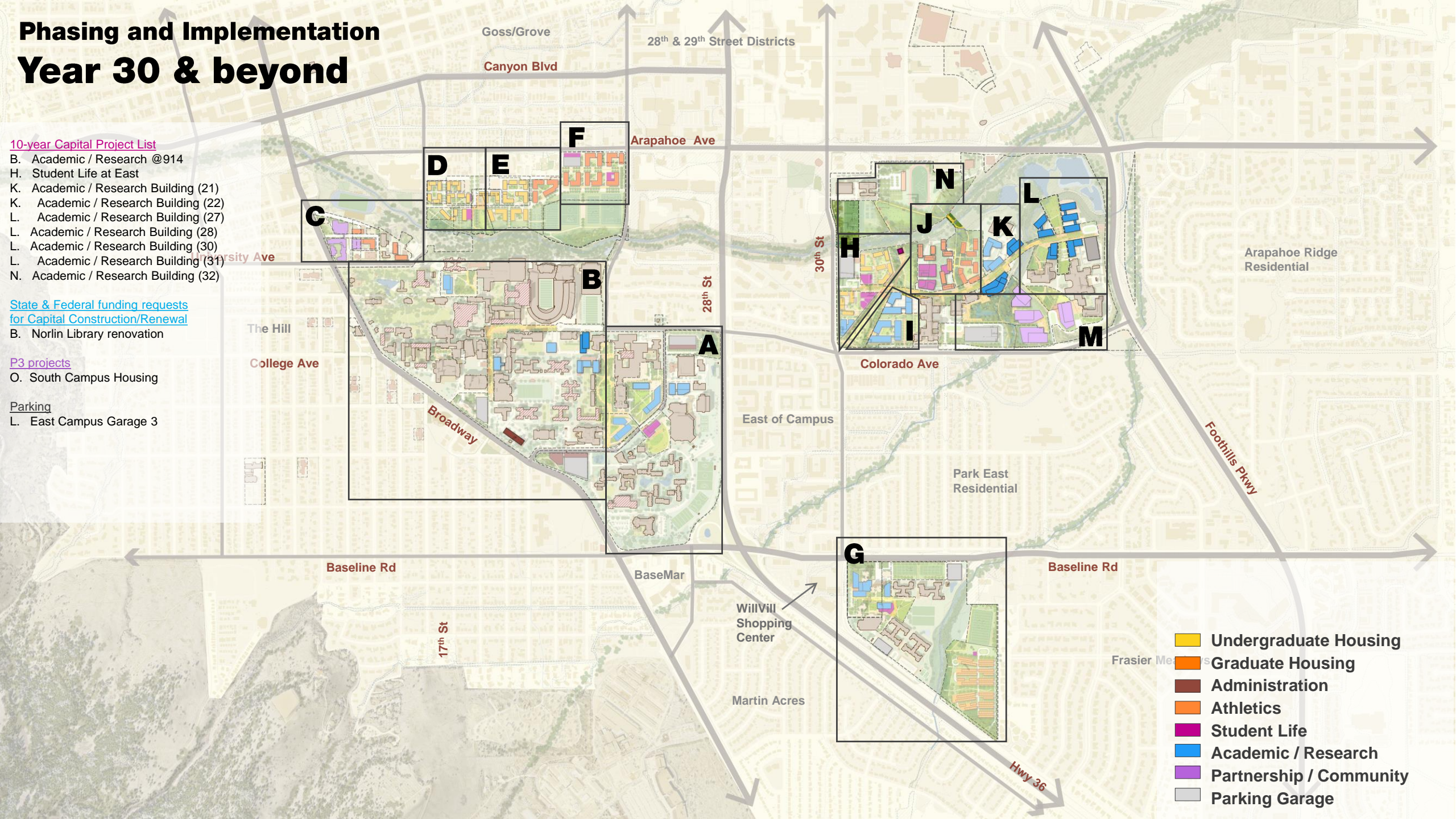
- B. Norlin Library renovation

P3 projects

- O. South Campus Housing

Parking

- L. East Campus Garage 3



- Undergraduate Housing
- Graduate Housing
- Administration
- Athletics
- Student Life
- Academic / Research
- Partnership / Community
- Parking Garage

<https://misc-tools.s3.amazonaws.com/uconn-dashboard-staging/index.html>