

CSU Campus Overall Design Philosophy

The Colorado State University (CSU) main campus is a carefully planned and executed complex of buildings and landscapes that are authentic to Fort Collins and Colorado, and are a contemporary expression of college life.

Buildings are sited to preserve views to the mountains and campus open spaces, and are expressed in a way that facilitates a connection to the outside. Barriers between inside and outside are broken down through the strategic use of vision glass, atriums, and multi-story volumes at entrances.

CSU Campus Overall Design Philosophy, cont.

There is a consistent thread of local stone in building facades, which grounds buildings to the local environment and thematically ties buildings together. Planes of stone and glass bridge between inside and outside of buildings, further integrating both building and landscape.

The campus pattern results in a strong sense of campus identity to visitors and the campus community alike. They feel a sense of community and connection to the outside environment, which creates an experience unique to Colorado State University.

CSU Campus Planning Philosophy and Aesthetic Guidelines



Colorado State University

CSU Campus Specific Planning Philosophy

The CSU main campus has three primary planning objectives:

- 1. Sense of community**
- 2. Strong connection to outside environment through internal and external views**
- 3. Materials and forms authentic to local environment**

Sense of Community

Community is facilitated by the creation of social spaces scaled from expansive green quads to intimate areas for reflection. Quads, plazas, and courtyards are situated as events along pedestrian corridors, often as “eddy” spaces in association with rivers of pedestrian movement. The core of campus is largely devoid of vehicular movement, which allows social spaces to be safe and unencumbered. Buildings have generous plazas at entrances, creating a “front porch” that separates major pedestrian flow from building and plaza, generating social spaces at the building-landscape interface.

Connection to Outside

Some of the best spaces on the Colorado State University campus are those that “borrow” the exterior landscape of the foothills and mountains. Buildings and open spaces work together to leverage these views. Buildings and outside spaces without external views have internal views that embrace the character of the local environment through scale and materials.

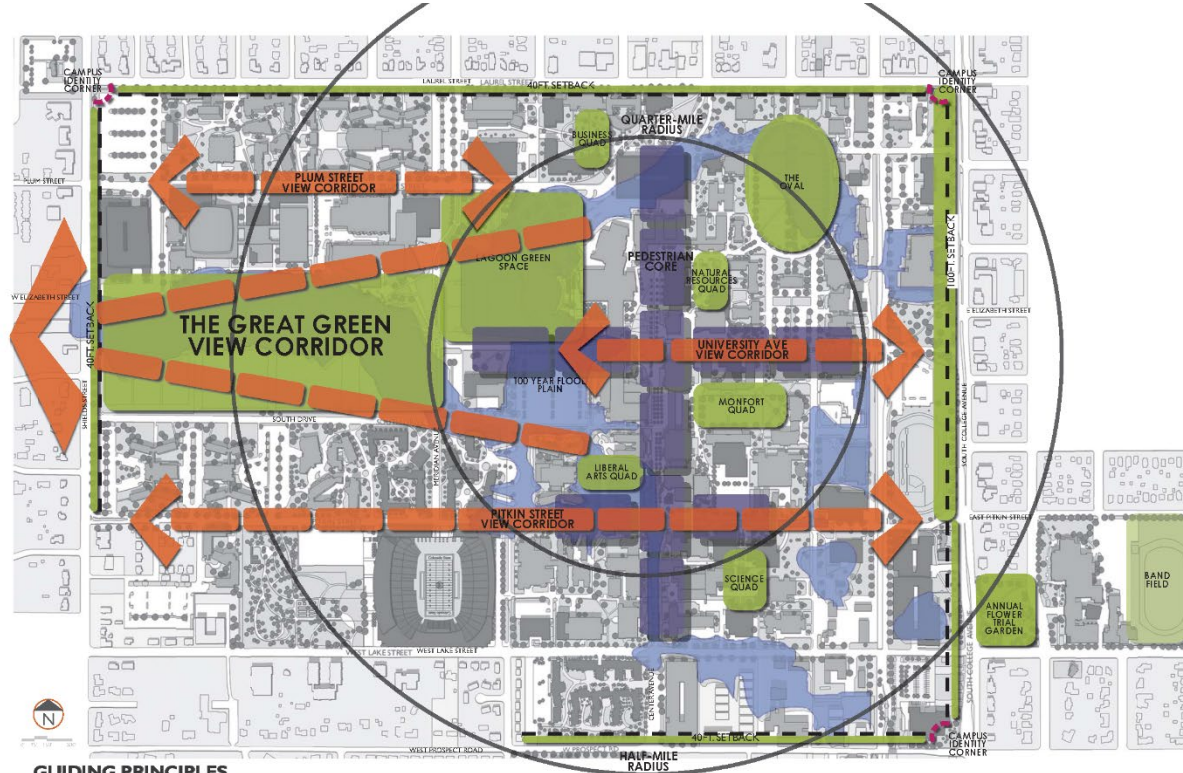
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Use of Authentic Materials and Form

Local stone and native plant materials are used extensively. The overall landscape is considered a learning landscape where the university initiatives in habitat creation, energy conservation, stormwater quality treatment, and alternative transportation are openly integrated and interpreted.

▪

CSU Campus Framework



GUIDING PRINCIPLES

- Restrict Development in 100 Year Flood Plain
- Maintain + Reinforce Green Quads + Open Spaces
- Establish Green Setbacks at Campus Edges
- Expand + Reinforce Pedestrian Core/Plaza
- Preserve + Reinforce View Corridors

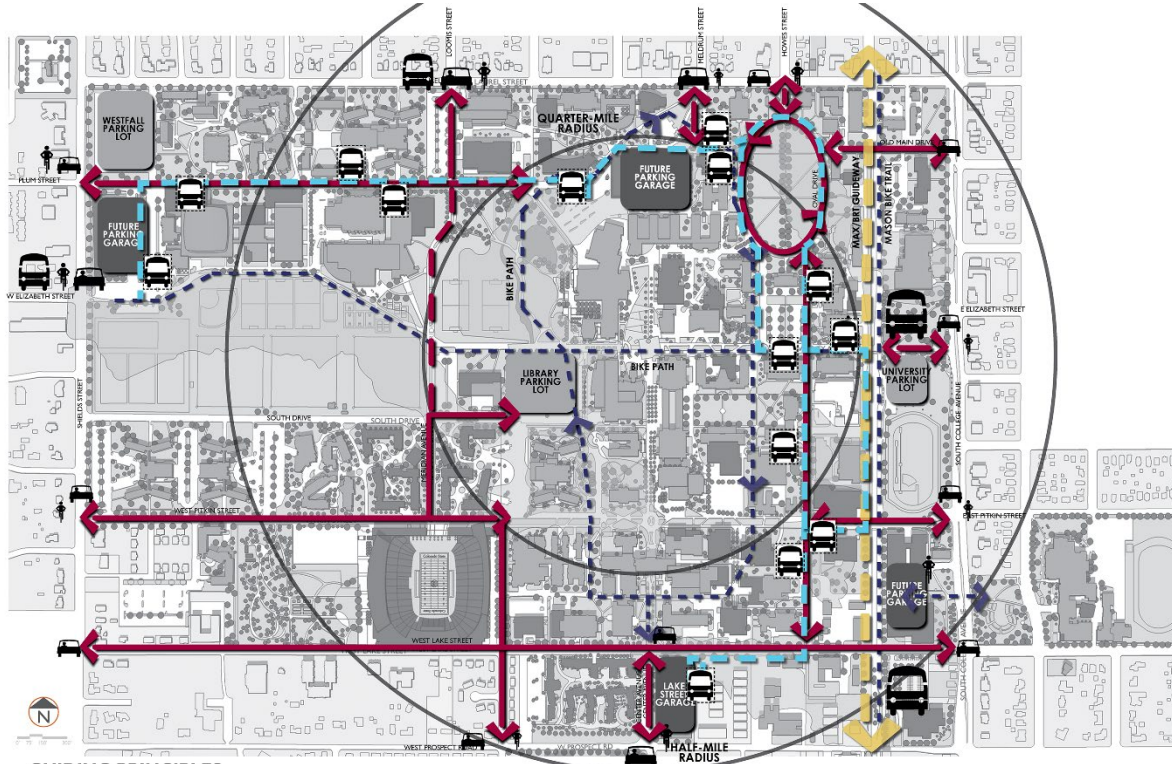
Pedestrian + Green Space: 35,000 Students

**MAIN CAMPUS:
FRAMEWORK DIAGRAM**

Colorado State University

FEB. 2015

CSU Campus Transportation Framework



GUIDING PRINCIPLES

- Make Campus Permeable to the Community
- Maintain Vehicle Access
- Provide Parking at Campus Edges + Key Internal Locations
- Establish Mass Transit Centers
- Develop Internal Campus Transit
- Maximize Alternative Modes of Transportation

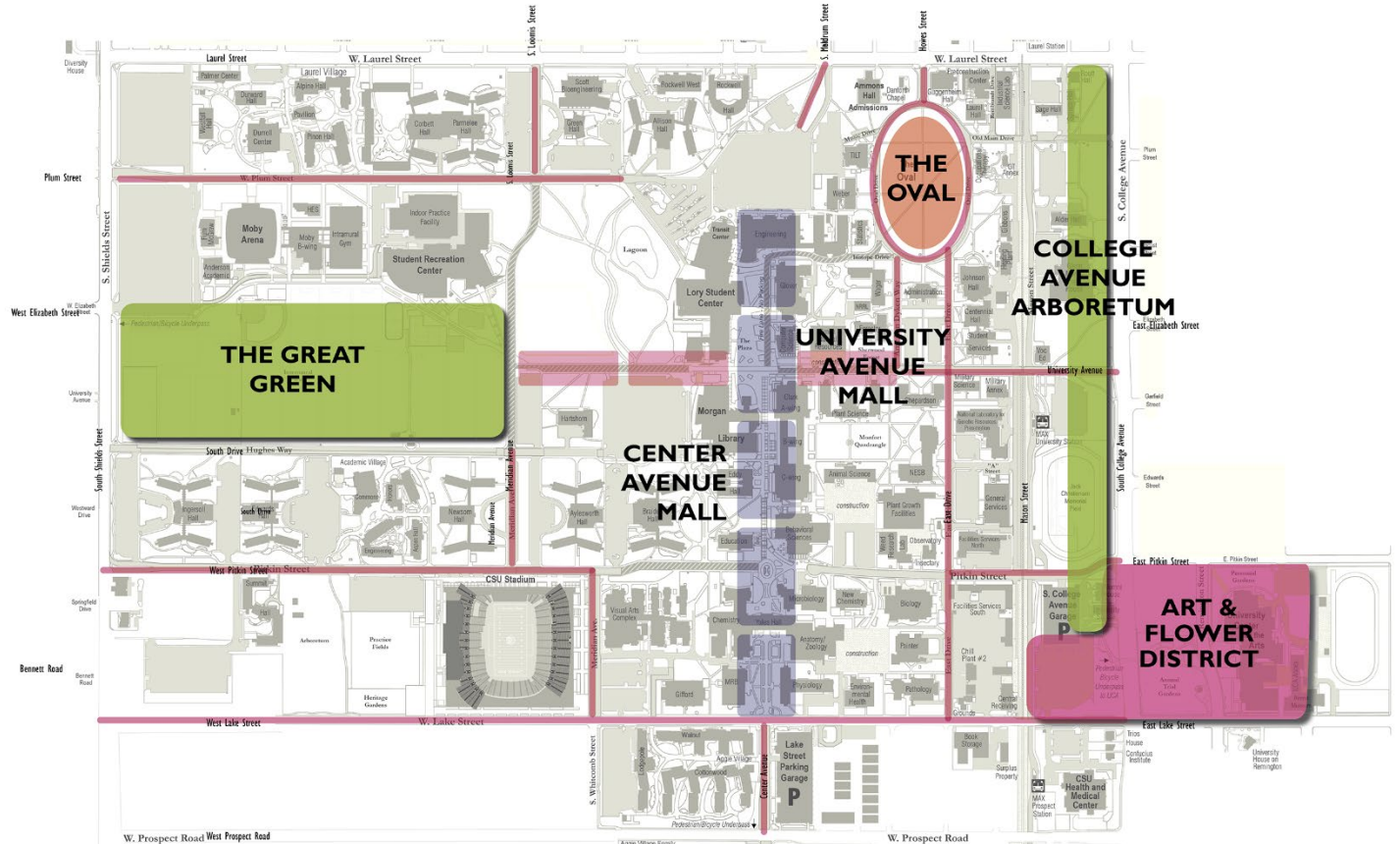
LEGEND

- Vehicular
- MAX Bus Rapid Transit
- Around the Horn
- Campus Shuttle
- Bike Path

Access + Transit: 35,000 Students
**MAIN CAMPUS:
 FRAMEWORK DIAGRAM**
 Colorado State University

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CSU Campus "Experience" Districts



TO SOUTH
CAMPUS

Buildings Placed to Preserve and Create Views



Buildings Placed to Create Outdoor Spaces



Buildings Placed Carefully

- **Buildings are defined primarily by pedestrian malls and plazas; secondarily by streets and services areas**
- **Buildings are placed and to leverage views to the campus and to the mountains and landscape beyond**
- **Buildings are horizontal in design, not vertical, to help preserve these**

Campus Circulation Emphasizes Pedestrians and Bicycles



Transit Circulation Emphasizes Pedestrians and Bicycles



Circulation to Buildings Emphasizes Pedestrians and Bicycles



Circulation Emphasizes Pedestrians and Bicycles

- **Core of campus is devoted to bike and pedestrian traffic**
- **Alternative transportation is actively embraced and integrated throughout the campus:**
 - **Bike racks and covered bike shelters are prominently located close to high traffic areas and are not hidden**
 - **Transit centers and bus stops are integrated into the campus**
- **Service functions are separated from pedestrian zones**
- **Vehicular circulation and parking are placed on the edge of campus**

Social Transition Zones are Critical Campus Elements



Social Exterior Spaces are Critical Campus Elements



Social Spaces with Water are Critical Campus Elements



Appropriately Sized Spaces are Critical Campus Elements

Education Building
53 m

Courtyard Buffer
13 m

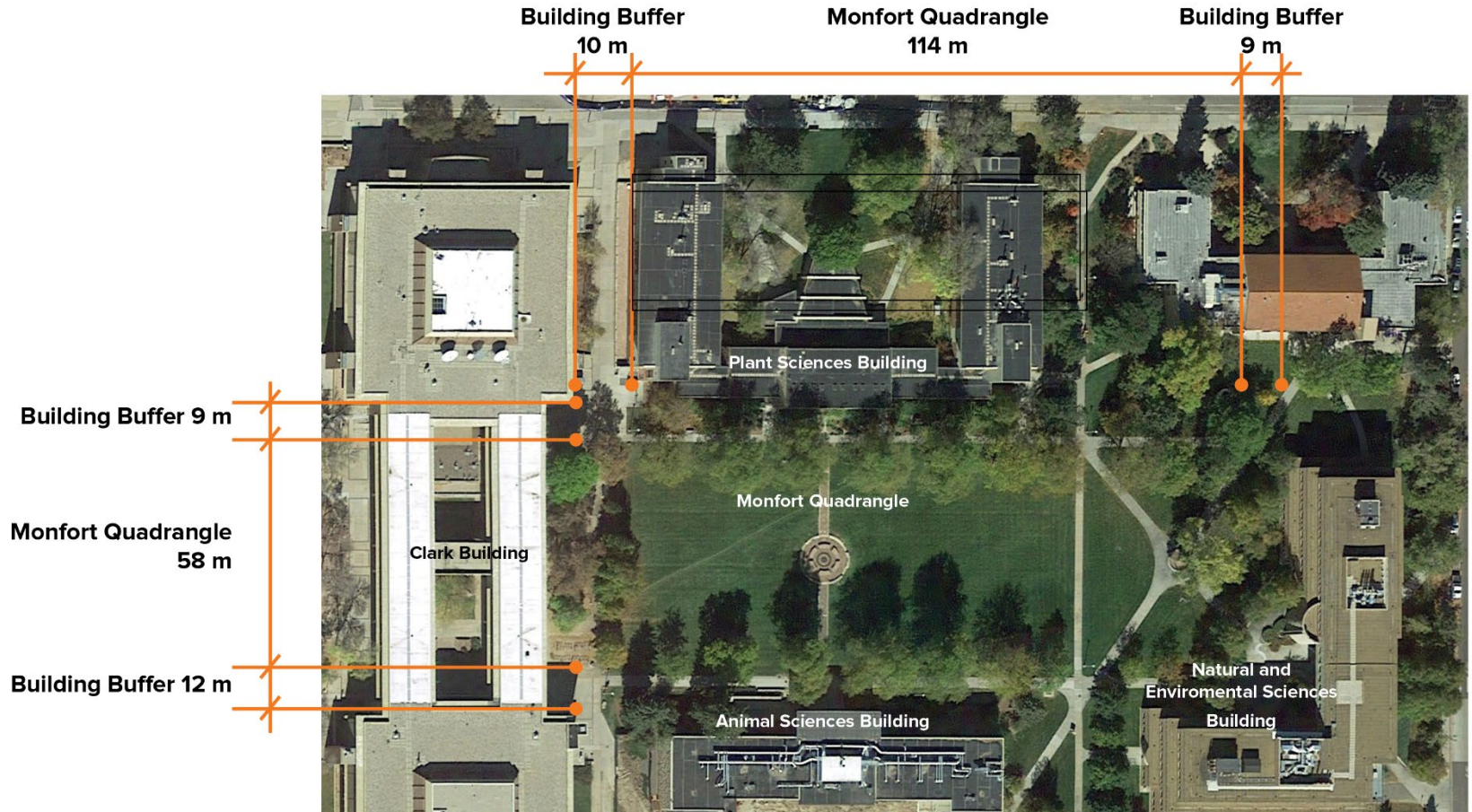
Center Avenue
Pedestrian Mall
8 m

Building Buffer
Zone
13 m

Behavioral Sciences Building (BSB)
85 m



Social Outdoor Spaces are Critical Campus Elements



Social Spaces are Critical Campus Elements

- **Social exterior spaces of different scales are integrated into the campus: pedestrian malls, plazas, courtyards, and seat walls.**
- **These spaces provide an opportunity for students and staff to interact and relax outside**
- **These spaces are animated by water and art**

Natural Transitions from Outdoor Public Spaces to Indoor Spaces



Natural Transitions from Outdoor Public Spaces to Indoor Spaces



Natural Transitions from Outdoor Public Spaces to Indoor Spaces

- **Buildings have an identifiable, pedestrian-scale front door**
- **Buildings have a “front porch” – a place for gathering and interaction at main entrances**
- **Seat walls, trees and landscape bring a pedestrian scale to large buildings**

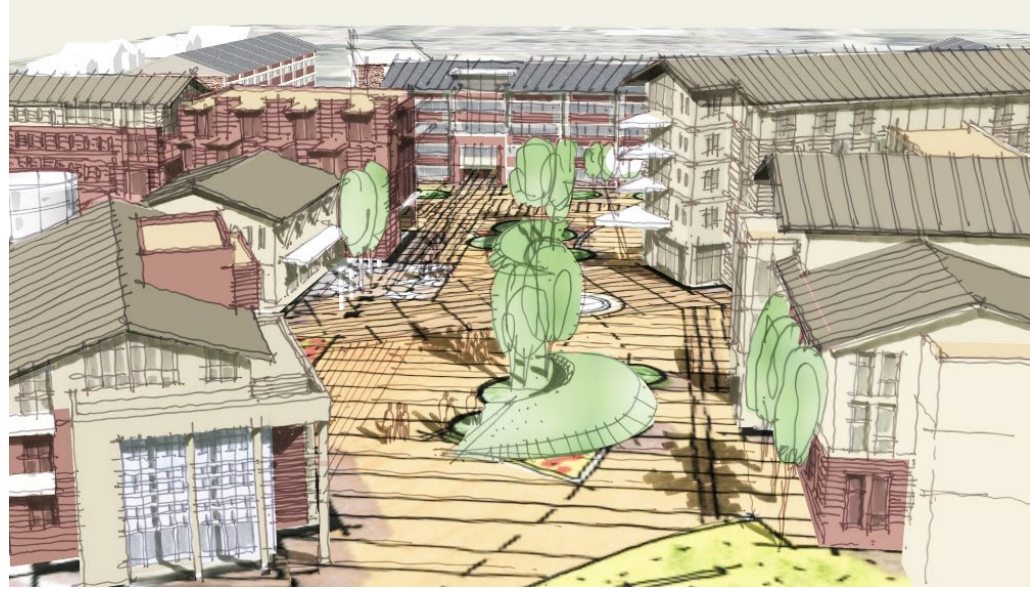
Campus Edges are Park-like – Large Green Buffers



Campus Edges are Park-like

- **Edges of campus are more park-like than urban: wide building setbacks, open grass areas, trees and paths**
- **Promotes an open interface with the surrounding neighborhoods and community**
- **Creates a sense of friendliness and permanence**

Housing as “Villages”



Housing as “Villages”



Housing as “Villages”



Housing as “Villages”



Housing as “Villages”

- **Buildings clustered around an internal pedestrian way activated by uses**
- **Buildings vary in height and orientation**
- **Establish internal “mid-block” social outdoor spaces**
- **Create a welcoming sense of arrival and strong indoor-outdoor connections**
- **Native plants and local materials create a true sense of place**

Recreation and Open Space Separate Housing and Academics



Recreation and Open Space Separate Housing and Academics

“The basic idea was to use the west half of campus for housing and the east half for classrooms and work areas.

If the typical student spent his time walking back to the dormitory to get out in the weather, this would be good exercise for him.”

- CSU President William E. Morgan, discussing CSU campus planning during the 1950's

- **Recreation facilities are located between student housing and the academic buildings.**
- **Recreation facilities are located to preserve views to surrounding landscape**

A Learning and Sustainable Landscape



A Learning and Sustainable Landscape



A Learning and Sustainable Landscape



A Learning and Sustainable Landscape

- **Wetlands incorporated into the landscape**
- **Permeable paving**
- **Pollinator gardens**
- **Green roofs**
- **Campus planning around the floodplain**

Signage and Wayfinding Provide a Sense of Identity



Signage and Wayfinding Provide a Sense of Identity

- **Gateway monuments help define campus edges and entries**
- **A variety of signage and wayfinding provide campus information while expressing the campus “brand”**

CSU Campus Architectural Aesthetic Guidelines

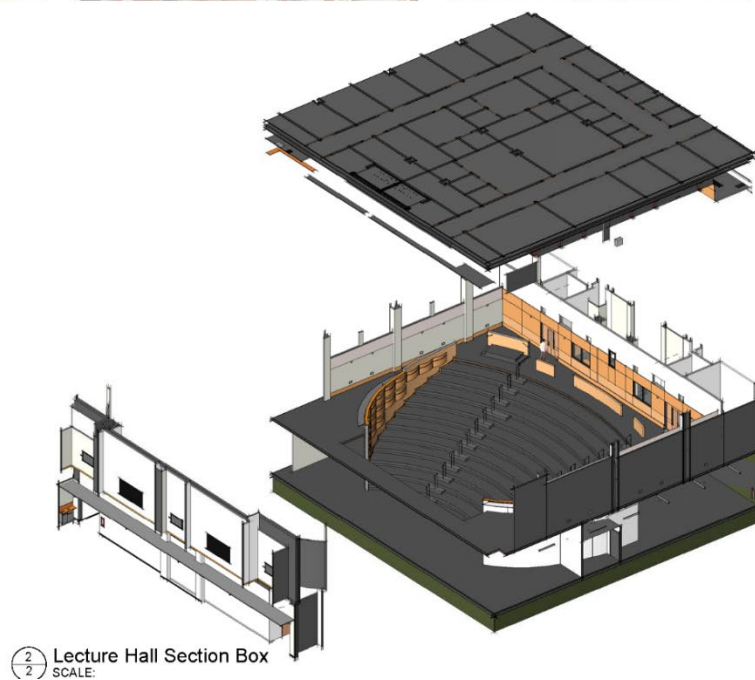
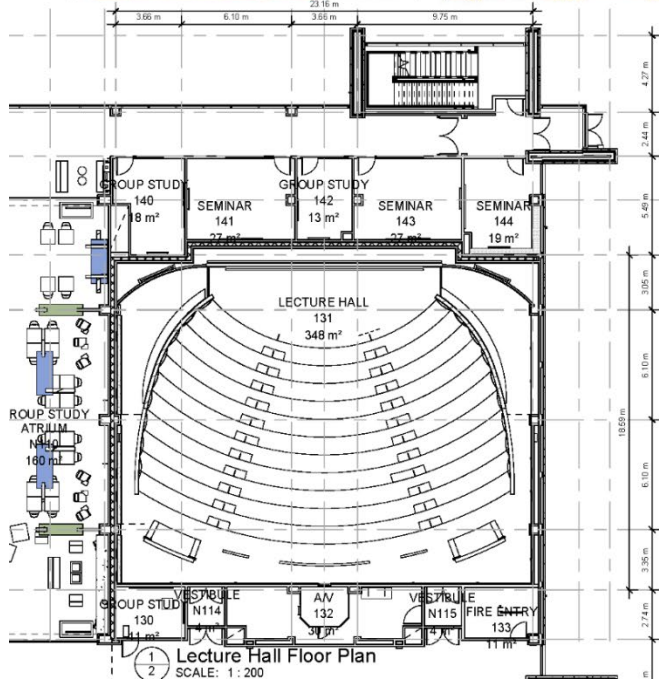


Colorado State University

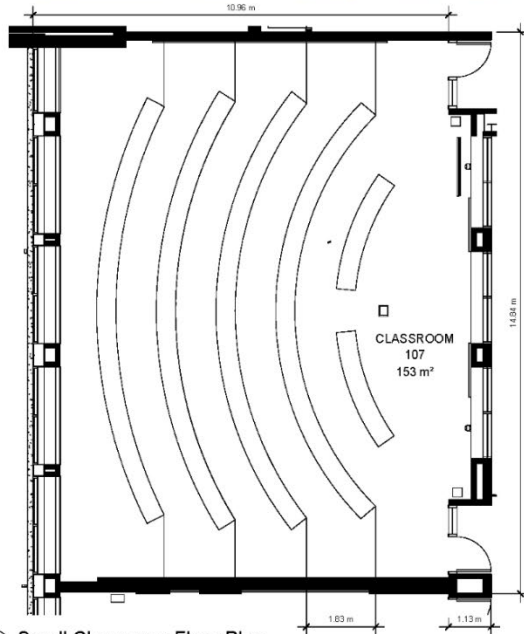
CSU Campus Architectural Vision

- **Evolution of the Aesthetic Guidelines**
- **Existing Mid-Century Modern to inform the current design aesthetic for the new developments**
- **Master Plan and Opportunity Analysis**
- **Inclusive, collaborative design and development**
- **Sustainable building initiatives – High performance buildings**
- **Use of Building Information Modeling (BIM)**
- **Campus design coherency and continuity**
- **Using the work and the campus as a laboratory for classroom instruction/ experiential learning**

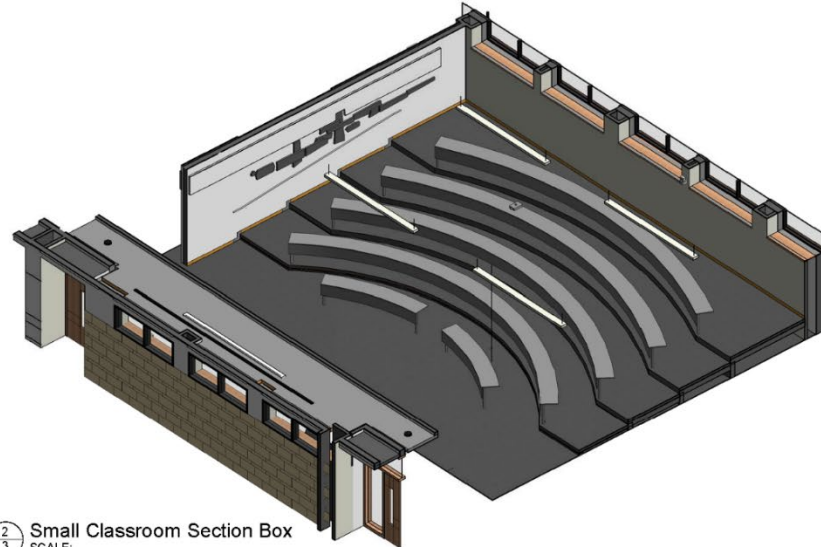
Large Classroom (BSB Building OL = 360)



Small Classroom (BSB Building OL = 85)

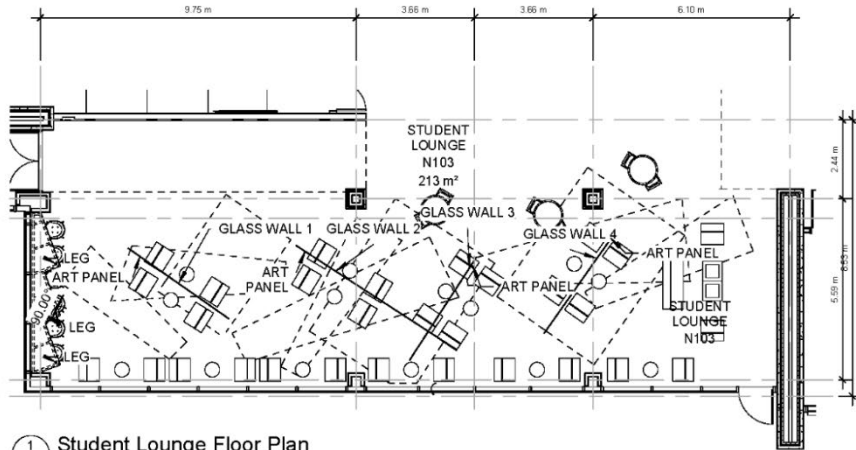


1
3 Small Classroom Floor Plan
SCALE: 1 : 96

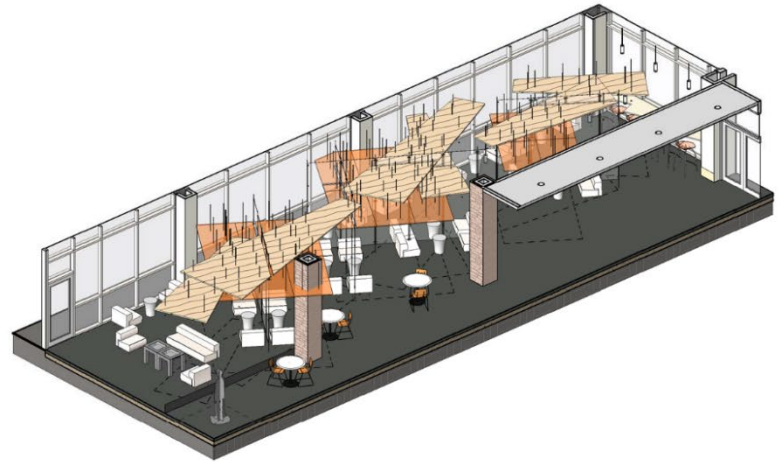


2
3 Small Classroom Section Box
SCALE:

Student Lounge (BSB Building OL = 102)

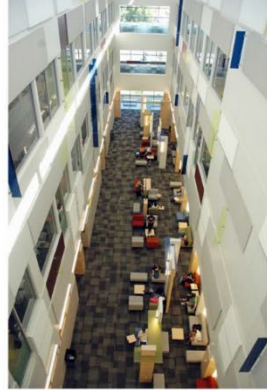
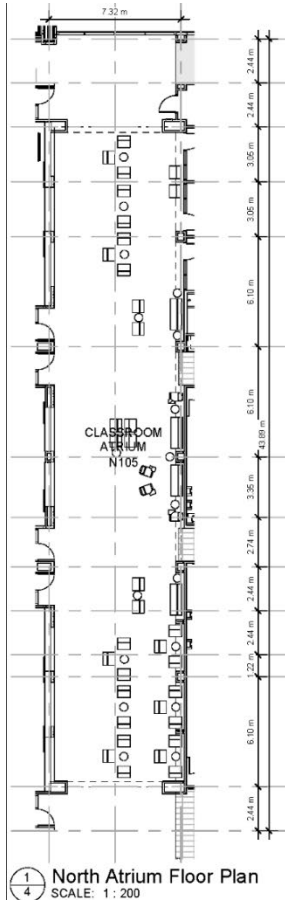


1 Student Lounge Floor Plan
SCALE: 1 : 120



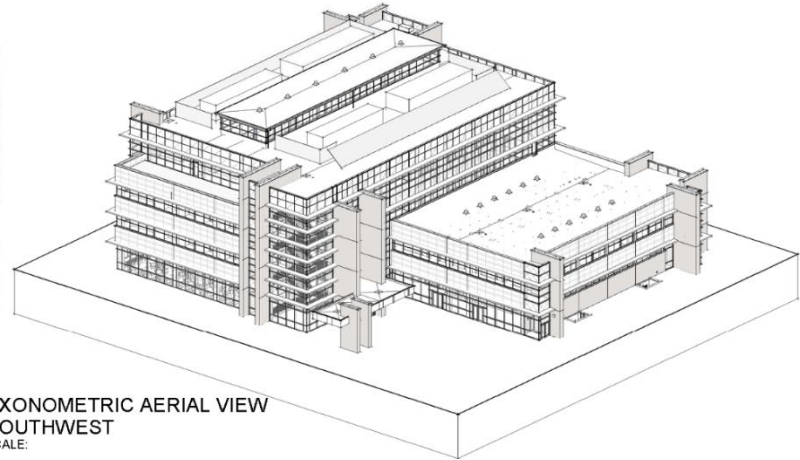
2 Student Lounge Section Box
SCALE:

North Atrium (BSB Building OL = 130)



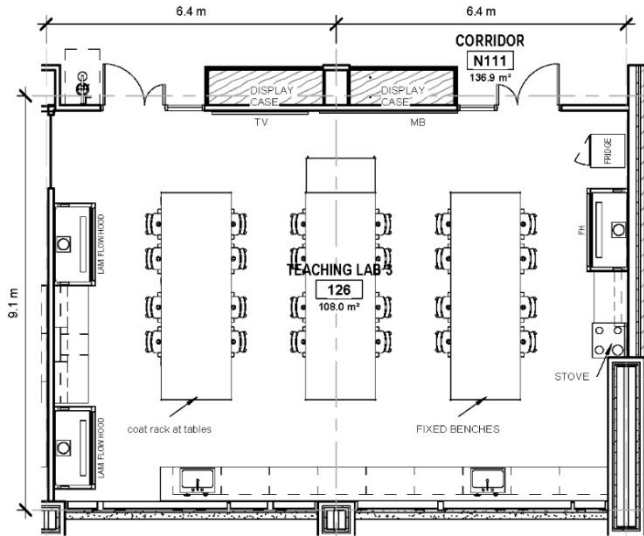
2 North Atrium- Section Box
SCALE:

BSB Building Exterior



AXONOMETRIC AERIAL VIEW
SOUTHWEST
SCALE:

Teaching Laboratory (BSB Building OL = 25)

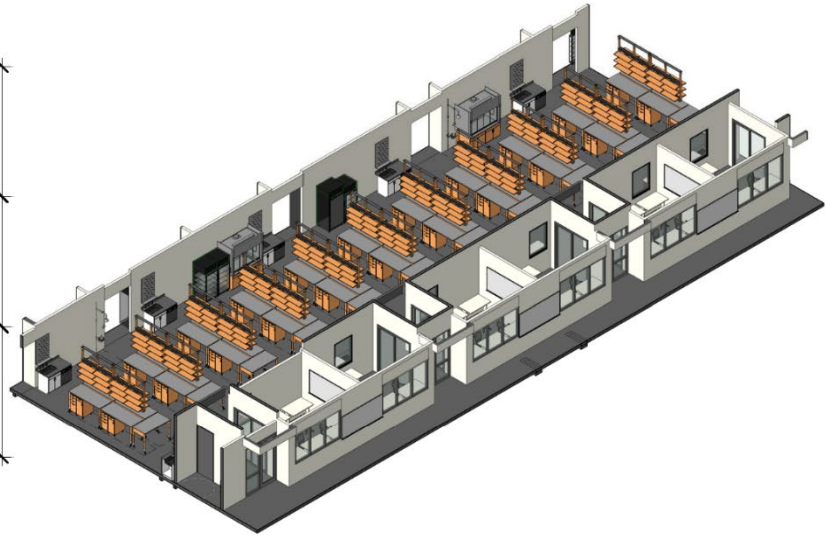
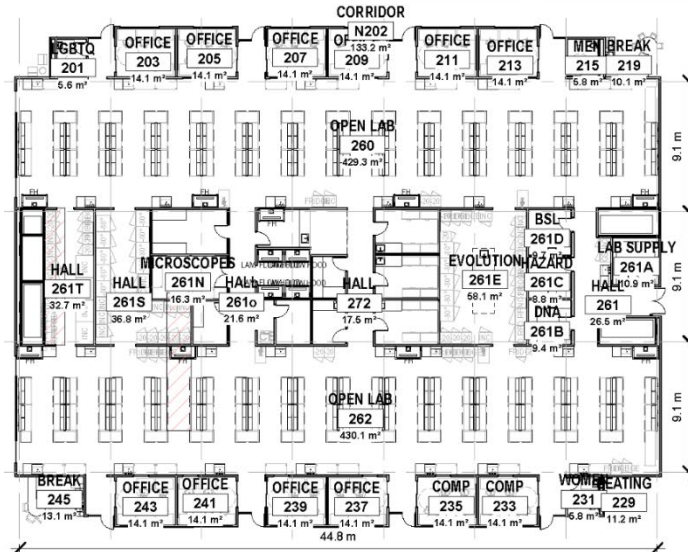


1 Teaching Lab Floor Plan
6 1: 80



2 Teaching Lab Section Box
6

Open Research Lab Transparency Inside to Outside



2 Open Research Lab Floor Plan
1 : 250

1 Open Research Lab Axon

Stone Wall from Outside to Inside (Biology Building)



Housing and Dining Exteriors



Housing and Dining Interiors



Student Housing Common Spaces (Laurel Village)



Student Housing Room Types (Laurel Village)

Community-Style Double

Double room with a community bathroom down the hall



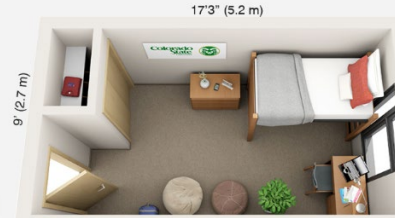
Suite-Style Double with Private Bathroom

Double room with a private bathroom



Community-Style Single

Single room with a community bathroom down the hall



Suite-Style Single with Private Bathroom

Single room with a private bathroom



Suite-Style Single

Two single rooms that share a connecting bathroom

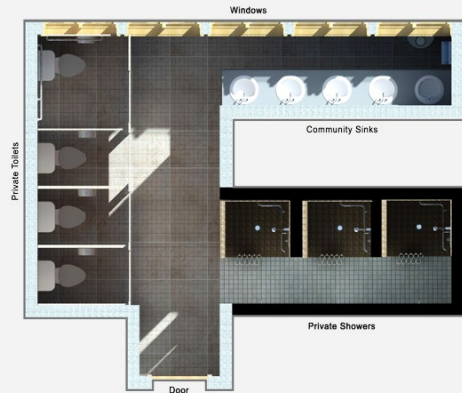


Suite-Style Single in Quad

Four single rooms with a common room and bathroom (separate rooms for shower and toilet)



Community Bathroom



Campus Architectural Fabric

