WELCOME

CSU Master Plan (MPC) Committee Meeting

September 12, 2018
Today’s Agenda

Main and South Campus Potential Development Sites \textit{(Discussion)} – David Hansen

Great Green Current Planning Initiatives / Geothermal Well Field \textit{(Updates)} – David Hansen

Foothills Campus Permit Parking \textit{(Informational)} – Dave Bradford

Campus Wide Inclusivity Standards for Lactation Rooms \textit{(Request for Approval)} – Aaron Fodge and Jessica Kramer
Main and South Campus
Potential Development Sites

Discussion
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. 2016
Criteria for potential development sites:
A site that could be redeveloped or renovated yielding a carrying capacity of over 200,000 SF of building.

*NOTE: Numbers shown do not represent any priority or ranking of sites.
Development Considerations:
Type of Modification: Redevelopment (Clearing of Site, Tear down of 2 buildings)

Site Acreage: +/-3.5 Ac.

Additional site needs:
- Stormwater improvements required to manage floodplain
- Consideration of campus circulation on adjacent streets

Impacts:
- Fully occupied buildings requiring swing space for multiple departments
- University Facilities Operations would need relocated
- Fully utilized parking lot would be reduced/removed

Additional Characteristics:
- Aged structures, (1) single story, struggling to serve current needs with deferred maintenance issues
- Utility infrastructure exists to support site
- 1/8 mile walk to parking structure and transit infrastructure

Site Carrying Capacity:
- Potential for more than 200,000 SF of new structure(s)
**Development Considerations:**

**Type of Modification:** Redevelopment (Clearing of Site, Tear down of building)

**Site Acreage:** +/- 1.7 Ac.

**Additional site needs:**
- Fire lane access and service access to be maintained
- Preservation of green space east of building
- Stormwater improvements required to manage floodplain

**Impacts:**
- Fully occupied building requiring swing space
- University telecom infrastructure (relocate or integrate?)

**Additional Characteristics:**
- Aged single story structure, struggling to serve current program needs with deferred maintenance issues, $1M needed for new roof
- Immediate proximity to core of campus
- Utility infrastructure exists to support building
- 1/8 mile walk to parking and transit infrastructure

**Site Carrying Capacity:**
- Potential for more than 200,000 SF, in 1 or more structures of 5 to 6 stories
Development Considerations:
Type of Modification: Redevelopment (Clearing of Site, Tear down of up to 2 buildings)
Acres: +/-3.4 Ac.

Additional site needs:
- Potential Arthur Ditch realignment
- Fire lane access and service access needed to AZ

Impacts:
- Parking lot removed/ potential for reallocation with new buildings, ADA parking priority
- Fully occupied buildings requiring swing space

Additional Characteristics:
- Aged structures, (1) single story, struggling to serve current needs with deferred maintenance issues
- Proximity of 1/4 mile walk to core campus
- Adjacent to parking structure and transit

Site Carrying Capacity:
- Potential for more than 200,000 SF, potentially in multiple structures
Development Considerations:

Type of Modification: Renovation of approximately 250,000 SF of existing structure

Site Acreage: +/-3.6 Ac.

Additional site needs:
- Fire lane access and service access to be maintained
- Update of outdoor spaces in the campus core that better meet diversity of campus needs

Impacts:
- Fully occupied building requiring swing space to accomplish a phased approach to renovation

Additional Characteristics:
- Large aged structure, struggling to serve current needs with deferred maintenance issues
- Immediate proximity to core of campus
- Utility infrastructure exists to support building
- 1/8 mile walk to parking and transit infrastructure

Site Carrying Capacity:
- Potential for more than 250,000 SF of renovated space
Development Considerations:

Type of Modification: Redevelopment (Clearing of Site)

Acres: +/- 12 Ac.

Additional site needs:

- Realigned Gillette Drive
- Larimer #2 ditch realigned in box culvert underground
- Substantial utility infrastructure needed to realize buildout of site west of Gillette Drive

Impacts:

- Relocation of NCAA tennis complex
- Parking lot removed/ potential for reallocation with new buildings
  (20 year bond exists on tennis court parking lot)
- Potential stormwater modifications required

Additional Characteristics:

- Adjacent to large parking facility
- Adjacent to transit supporting main campus & region

Site Carrying Capacity:

- Potential for more than 200,000 SF in multiple structures
Great Green Current Planning Initiatives / Geothermal Well Field

Updates
Geothermal Concept

<table>
<thead>
<tr>
<th>BOREFIELD SCHEDULE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER OF BOREHOLES</td>
</tr>
<tr>
<td>BOREHOLE DEPTH (FT)</td>
</tr>
<tr>
<td>TOTAL FEET OF BORE (FT)</td>
</tr>
<tr>
<td>DEEP EARTH TEMPERATURE (°F)</td>
</tr>
<tr>
<td>THERMAL CONDUCTIVITY (BTU/HR-FT-°F)</td>
</tr>
</tbody>
</table>
District Heating Master Plan - Final - 2024
Foothills Campus Parking Master Plan Project

Informational
Foothills Campus Property
Foothills Campus: Sub-Campuses
Foothills Campus Parking Master Plan

WHY?

- Needed financial investment for repairs and maintenance
- Needed improvements for parking and transportation - showcasing university research
- E&G Budget’s inability to provide needed investment
State of Parking at Foothills

Parking lots are in significant disrepair:

- Estimated $2.5 million is needed to bring lots up to university standards
- Without Parking and Transportation Services:
  - No immediate, short-term or long-term repair plan
  - No funding to maintain (seal coating, crack filling, mill and overlay)
  - No funding for safety issues such as inadequate lighting
  - No expertise to develop plans and oversee work
  - No ability to improve alternative transportation options
Foothills Campus Parking Master Plan

Overall Themes

- **Identity**: Create a Cohesive Identity - home to some of the university’s most engaging and innovative research and educational opportunities
- **Connectivity**: Separated from Main Campus and lack of connection
- **Equity**: Equalize the investment
  - Quality of facilities, parking lots in extreme disrepair, very little transit service
  - Appearances matter and equate to missed opportunities to leverage campus and showcase research for internal and external investment
Benefits of consolidation

• Provides a framework for managing parking needs as well as the ability to invest in immediate and long-term tangible improvements
• Ties into overall campus Master Plan
• Provides expertise to:
  – Evaluate current state of parking
  – Triage immediate needs
  – Oversee long-term maintenance
  – Address unique needs of campus
Timeline

- September: Gather additional information, Parking Services counts cars, assess needs in more detail
- September: Four information gathering sessions with Foothills Faculty and Staff to determine how (not if)
- December: Final plan to VPUO for review
- January: Present to Cabinet
- February-March: Review with councils and present plan to Foothills campus
- May: Present to Board of Governors for final approval
- August 2019: Permits go on sale for fiscal/academic year and enforcement begins
Next Steps

Parking and Transportation Services will:

• Count cars on the campus to assess daily use
• Further evaluate condition of parking lots
• Set up four informational gathering sessions with foothills researchers, faculty and staff
  – Schedule sessions in September
  – Work with leadership to set tone and objectives
  – Not if, but how
  – Feedback informs parking model, permit system, permit fees
• Email feedback available for those who cannot attend
Informational sessions

Partnered with Creek Consulting (referred by Center for Public Deliberation):

• Personal parking needs of employees
• Interest in expanded transit
• Departmental needs – disability, client needs, animal care i.e. trailers
• What types of permits are needed and how to equitably price them
  – Regular Faculty and Staff A permits are ok on Foothills Campus?
• Demand for special considerations such as carpooling accommodations
• Suggest priorities for addressing current state of parking
Campus-wide Inclusivity Standards: Lactation Rooms

Request for Approval of Lactation Room Location Map
Inclusive Physical and Virtual Campus Policy

- Approved May 2017
- CSU actively fosters the inclusive environment by removing barriers, proactively planning, and anticipating inclusivity needs.
- Equitable access to University resources and facilities supports teaching, learning, living, commuting, working, visiting, and engaging in discovery.
- The University commits to the continual enhancement and systematic review of our virtual and built environments through the creation and implementation of inclusive design standards and best practices.
Development of Inclusivity Standards

- All gender restrooms
- Lactation rooms
- Commuter showers (publicly available)
- Reflection rooms
- Break rooms
Inclusivity Features Recently Incorporated into Buildings

• All gender restrooms:
  • Over 200 single-stall restrooms across Main, South and Foothills Campuses were converted to all gender restrooms in the last year
  • Incorporated into all recent new building projects and is now a standard (Biology, Chemistry Research, Health & Medical Center, Michael Smith, Stadium, Aggie Village – Walnut)
Inclusivity Features Recently Incorporated into Buildings

• Lactation rooms:

  • Incorporated into recent new building projects (as well as TMI under construction on South Campus, CVID in process on Foothills Campus)

  • Incorporated into building remodels (Johnson Hall, Powerhouse Energy Institute, Plant Science in process)
I inclusivity Standards: Lactation Rooms

Key points:

• Room dimensions should be no less than 8 feet x 6 feet for one lactating parent and no sink (accommodates glider and table) or 8 feet x 13 feet for one lactating parent (accommodates glider and table) including a sink.

• New Construction and all building additions designed as occupied space shall include one lactation room if no other lactation room lies within approximately 500 feet unless an exemption is made through the review process. (500 ft = about an average of a 5 minute walk).

• See map of existing Lactation Room locations – working on designating high priority locations to meet the 500 ft radius
Inclusivity Standards: Lactation Rooms

Legend
- Lactation Rooms September 2018
- Concourse-limited to large events
- Lactation rooms pending funding
- Lactation rooms under construction

Locations outside of buffer zones form the priory areas for new lactation room placement.

Distance buffers of 500 feet and 660 feet (1/8th mile) are shown.
Inclusivity Standards: Lactation Rooms

Key points:

• **A building interior remodel** that reconfigures 8 or more existing rooms of a building and includes a change in use of existing space, OR an interior remodel that includes approximately 25% or more of the building square footage, **shall include one lactation room** if no other lactation room lies within approximately 500 feet (unless an exemption is made through a review process).

• Additional locations should be considered where feasible based on the project managers working knowledge of the building and space usage.
Inclusivity Standards: Lactation Rooms

Key points:

• Specifications include items required (e.g., lockable door, glider chair, power outlets, etc.) as well as recommended items (e.g., foot stool, small desk and chair, etc.)

• Reviewed and refined with feedback from Facilities Management University Architect, Capital Construction Project Managers and Remodel Construction Services Project Managers
Request for Approval for lactation room location map today.

Request for a letter of support if willing (after all Inclusivity Standards are presented at MPC)