WELCOME

CSU Physical Development (PDC) Committee Meeting

September 17, 2021
Today’s Agenda

1. PDC Introduction – Fred Haberecht

2. Naming of New Building: Field Research & Education Facility – David Hansen & Jessica Kramer

3. Vision Zero Priorities & Implementation Update - Aaron Fodge & D. Hansen


5. Voting Membership & Quorum – F. Haberecht

6. New Planning Process for Buildings and Space Utilization (Summary) - F. Haberecht
PDC Introduction:

- Mission
- Charge
- Viewing inclusivity on PDC items
PDC Mission

The Physical Development Committee is a representative body of the University. The committee, in conjunction with the AVP of Facilities Management, acts as an advisory body to the University through the Vice President for University Operations.

They are concerned with the physical development of the total environment of Colorado State University's campuses, where function, aesthetic quality, and physical character are intermixed to create a desirable and inspirational atmosphere for students and employees. This mission is accomplished through the development, revision, and application of the University's facilities master plan.
PDC Charge

Act as an advisory body on the physical development of the total environment of Colorado State University's campuses by development, revision, and application of the University's facilities master plan. Specifically the committee will provide input on:

- **Architectural Control:**
  - Architectural Planning and Design
  - Building Locations/Site Proposals
  - Campus Circulation
  - ADA Accessibility
  - Landscape Planning and Design Review

- **Water Resource Management**

- **Capital Construction Priorities & Master Plan** (In conjunction with the Master Plan Committee)

- **Land Resources**

- **Facilities Standards**
  - Design, Construction, and Signage Standards

- **Protection of Historic Properties**

The University Public Art Committee (UPAC) is a sub-committee of the PDC.
Questions regarding Inclusivity, Diversity and Equity to Ask as a Committee

- When we are doing things, who benefits from how we do this?
- Who is not being served by how we do this?
- Who have we not considered in our process of putting this together?
- What do we need to do to create an inclusive culture?
- What barriers exist for others that we can remove?
Proposed Name of New Building on Foothills Campus: Field Research and Education Facility

Request for Approval
Site Context on Foothills Campus

- Existing Fisheries Maintenance building to be removed
- North Mare Barn
- North Storage Building
- North Rampart Pens
- Hay Storage
- Hay Shed
- Rampart Road
- ERL
Site Plan
Building Details
Field Research and Education Facility

The new structure will be used to stage and prepare both research and education activities that are conducted at the Foothills Campus and other areas.
Request for Motion:

To approve the new building name as proposed:

Field Research and Education Facility
Vision Zero Priorities and Implementation Update
Draft Vision Statement:

*Transparent prioritization of investments in infrastructure, enforcement, and education based on consistently collected data (crashes, speed tracking, etc.) to achieve zero serious traffic crashes and deaths by the year ______.*
President's Vision Zero Task Force Members

- Dave Bradford (PTS)
- Aaron Fodge (PTS)
- Erika Benti (PTS)
- Fred Haberecht (FM)
- David Hansen (FM)
- Jessica Kramer (FM)
- Tim Kemp (FM)
- Jen Marley (FM)
- Christie Mathews (HDS)
- Laura Bently (HDS)
- Maggie Walsh (University Communications)
- Dell Rae Ciaravola (University Communications)
- Marc Barker (University Operations)
- Matt Snyder (PD)
- Al Thompson (PD)
- Josh McClure (PD)
- Wendy Rich-Goldschmidt (PD)
- Justin Dove (Student Disability Center)
- Adam Vance (Deputy Director of Environmental Affairs, ASCSU)
- Nicole Hahn (City of Fort Collins)
Stakeholder Outreach
Presentations To-Date

- ASCSU Cabinet
- ASCSU Senate
- Bicycle Advisory Committee
- Campus Bicycle Advisory Committee
- Classified Personnel Council
- Faculty Council Executive Committee
- Foothills Campus
- Fort Collins Disability Advisory Commission
- Inclusive Physical and Virtual Campus Committee
- Master Plan Committee
- Physical Development Committee
- CSU Police Dept Command Staff
- President’s Sustainability Commission
- Public Safety Team
- Fort Collins Senior Advisory Board
- South Campus
- Student Affairs - VP Council
- Student Disability Center
- Transfort
- Fort Collins Transportation Board
Feedback and Questions?
Implementation Update – Pitkin & Ellis Intersection

Key Elements

- Speed control through raised crossing and lane narrowing
- Clearly defined single crosswalk
- Consistent signage and striping
- Protected bicycle buffer (forthcoming)
- Focused education and outreach
Implementation Update – “Library Knuckle”

Key Elements
- Clear delineation for all modes
- Speed control through barriers and delineators
- Clearly defined crosswalks
- Consistent signage and striping
- Focused education and outreach

*Design study funded by ATFAB
Implementation Update – Library Loading Dock

Key Elements
• Clear delineation for all modes
• Speed control through barriers and delineators
• Clearly defined crosswalks
• Consistent signage and striping
• Focused education and outreach
Implementation Update – Monfort Quad crossing

Key Elements

- Clear delineation for all modes
- Separated infrastructure channels speed of mode in appropriate lanes
- Clearly defined crosswalks
- Consistent signage and striping
- Buildout of Prairie side loop per Bicycle Masterplan

*Funded by ATFAB
Implementation Update – Univ. Ave intersection

Key Elements

- Clear delineation for all modes
- Separated infrastructure channels speed of mode in appropriate lanes
- Clearly defined crosswalks
- Consistent signage and striping
- Additional striping and adjustment of planters to deter unwanted vehicle movements
- Focused education and outreach
Implementation Update – Music Drive crossing

Key Elements
• Single crossing point to sidewalk ramps
• Pedestrian refuge island narrows crossing point in front of vehicles
• Sets up future accessible route to Ammons Hall (State Funding Received)
Implementation Update – Hughes Way crossing

Key Elements

- Improved visibility of bikes and pedestrians at crosswalk by adjusting curbs and ramps
- Adjusted curb narrows crossing point in front of vehicles
- Accessible ramp improvements
- Consistent signage and striping
Implementation Update – Lory Trail & Wayfinding

Key Elements
- Constrained trail made safer for all users through widening
- Consistent signage and striping
- Directional Wayfinding to aid all modes determine safe, preferred route through campus (13 installed)

*Funded by CDOT Revitalizing Main Street Grant
Implementation Update – Rampart Rd. Trail

Key Elements

- Detached trail safely removes bikes and pedestrians from the roadway
- New lighting at key intersections
- Clearly defined crosswalks, with enhanced pushbutton crossing at 2 locations
- Consistent signage and striping
FORTHCOMING – Mountain Loop Separated Trail

Key Elements

- Trail separates modes by speed
- Pedestrian/ bicycle roundabout on Pitkin Street clarifies intersection movements
- Updated lighting
- Remove vehicles from trail
- Consistent signage and striping

*Funded by CDOT Revitalizing Main Street Grant & ATFAB
FORTHCOMING – ADA enhancements

Key Elements

- Improve deficient infrastructure
- Reconstruct ramps with slopes and tactile warning pads
- Reconstruct sidewalks with inappropriate slopes and deficient surfaces

*Funded by State Architect’s Office
Foothills Campus Compost Facility
Accessory Structures

Request for Approval
Compost Facility - Benefits

- **What do we compost**: food waste (400,000 lbs HDS), animal bedding, animal manure, green waste
- **How much**: The “Windrows” generated 396 tons of compost in 1 year period
- **Dedication to Students**: Living, learning laboratory where students can work, volunteer, and learn about composting. It is part of CSU’s mission to teach future leaders about sustainability.
- **Waste Reduction**: “Oscar” diverts approximately 300,000 pounds of pre-consumer food waste from the landfill
- **Compost Use**: CSU uses a portion of the finished compost produced on campus landscaping and horticulture projects. Compost is also donated to local farms and community members and is sold at Campus Surplus.
Non-Standard Accessory Structures

Examples of these on campus that have been approved recently:

• Storage pods
• Jack Christiansen Track Storage
• Painter Center Storage
Compost Facility - Site Context

Facility Operated by Facilities Management

Site Utility Limitations
- No Sanitary Sewer
- Limited Water
Compost Facility - Site Context, cont.
Accessory Structures - Site Plan
Proposed Accessory Structures: Storage/Break Room
Proposed Accessory Structures: Restroom

FOR REFERENCE ONLY

WALL TEXTURES
- Standard
  - BARNWOOD

ROOF TEXTURES
- Standard
  - CEDAR SHAKE

Color Chart

- ROOF & WALL COLOR

NOTE: OPTIONS TO BE PROVIDED:
- R19 ROOF INSULATION
- ROOM WASTEBASKET
- HAND SANITIZER DISPENSER
- SOLAR LIGHT KIT
- SOLAR FAN KIT
- UNISEX ADA RESTROOM SIGNAGE
- DOOR VENT KIT
- PRIVACY LATCH ADA HANDLE W/ DEADBOLT
- 3-ROLL STAINLESS TOILET PAPER DISPENSER
Request for Motion:

To approve the new Foothills Campus Compost Facility Accessory Structures
PDC Voting Membership and Quorum
PDC Membership

The membership of this committee brings together multiple areas of expertise for making sound recommendations. Each member of this committee will represent one of the following constituencies and will be responsible for reporting the activities of this committee to their particular constituency.

Representatives to be designated by respective deans, vice-president or council vote.
PDC Voting Members

- Chair, AVP of Facilities Management
- President’s Office representative
- Vice President for Diversity representative
- Vice President for Research & Information Technology representative
- Vice President for Student Affairs representative
- Vice President for University Advancement representative
- Vice President for University Communications
- Provost/Academic Vice President representative
- College representatives (1 each)

PDC Quorum = 1 more than half the voting members present to vote

- Academic Computing and Networking Services representative
- Administrative Professional Council representative
- ASCSU representative
- Athletics
- Classified Personnel Council representative
- Facilities Management representative
- Faculty Council representative
- Office of General Counsel
- University Advancement representative
- University Library representative
PDC Ex Officio Members

- Architect on staff at the University
- City of Fort Collins representative
- Landscape Architect on staff at the University
- Parking Management Director
- Purchasing Director
- Risk & Public Safety Manager for University Communications
- Student Disabilities Center Director
- University Contracts Manager
- University Police Director
Thank you
IDEA Corridor Facility Planning Recommendation

Council of Deans - September 15, 2021
Why the Change Now?

- New System Level Leadership and Accountability Expectations
  - Valid need for space
  - Validity of Program Growth Assumptions
  - Substantiated Financial Viability
- Limited future Debt Capacity
- Enrollment pressures due to demographic changes
Overview of Current Process

Program Plan

Design

Construction

Board Approval of Program Plan and Plan of Finance
Overview of Proposed Process

Viability Assessment by CSU Leadership

- Program Assessment
- Financial Assessment
- Space Assessment

Program Plan
- Design
- Construction

Board Approval of Program Plan and Plan of Finance
Goals of the Redefined Progress

• Enhance partnership between the university and colleges
• Provide a roadmap from concept to building opening
• Redefine colleges’ accountability and ownership in the IDEA Corridor
  • Programs should define facility and functional needs
  • Each college to assess program status, growth potential with associated revenue generation, and space needs
  • Colleges’ need to own financial capacity necessary to support building and growing enrollment
• Create sustainable academic and business plans supported by all stakeholders and market data
Program Assessment

- Traditional Process starts with budget and asks to “fit program” within budget – need to flip and start with program

- Assessing student demand is driven by program, reputation, and place

- Provides an understanding of program opportunities and constraints

- Unbiased and standardized review of program needs
Financial Assessment

- Understand operating cost on growth
  - Direct Cost
  - Ancillary Cost (Admissions, etc.)

- Understand current operating cost

- Understand potential enrollment growth available to support facility financing

- Develop financial proforma identifying payment availability to support new building

- Identify one-time (e.g. philanthropic, state funding, etc.) sources available to support project

- Biomedical Discover Center Example
Space Assessment

- Builds upon the program assessment as a foundation
- Need purpose-built but flexible buildings that support the programs
- Understand needs ahead of funding design work
- Methodical and standard approach to assessing space needs across programs

BDC Space Assessment Example
- $200M to $115M
- 280K GSF to 175K GSF
Next Step - Program Plan

- Addresses philanthropic needs for donor pursuit
- Constitutes the beginning of the formal design process
- Develops understanding of concept floor plans and overall size
- Refines and assesses site plan considerations
- Creates the document used throughout the approval process

How - Process/Procurement
- Procure external teams to maintain continuity and efficiencies throughout the entire process, from program plan to end of construction
Summary of Proposed Process

Pre-Work:
Meet with Council of Dean’s and Outline Process and Establish Sequence
Pre-meetings with each College to Determine Academic Priorities
Need indication of strategic investments in academic programs (Market, Hanover data, etc.)

Phase 1:
Program Assessment - declining, static, growing
Space Assessment – current and future needs based on enrollment growth
Financial Assessment – ability to support program growth and potential capital needs

Checkpoint: Financial viability and academic strategic plan alignment assessment by CSU leadership

Phase 2:
Program Plan

Note: These phases may occur simultaneously, and projects can be advanced as warranted
## Process and Timeline

### Academic & Business Planning

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### College of Liberal Arts
- Start: 6/1/2021
- Finish: 8/15/2021
- Days: 75

### College of Natural Sciences
- Start: 6/1/2021
- Finish: 8/15/2021
- Days: 75

### College of Health and Human Sciences
- Start: 9/1/2021
- Finish: 11/15/2021
- Days: 75

### College of Business
- Start: 9/1/2021
- Finish: 11/15/2021
- Days: 75

### College of Agriculture
- Start: 12/1/2021
- Finish: 2/14/2022
- Days: 75

### Warner College of Natural Resources
- Start: 12/1/2021
- Finish: 2/14/2022
- Days: 75

### Walter Scott Jr. College of Engineering
- Start: 3/1/2022
- Finish: 4/30/2022
- Days: 60

### College of Veterinary Medicine & Biomedical Sciences
- Start: 3/1/2022
- Finish: 4/30/2022
- Days: 60

### Housing
- Start: 3/1/2022
- Finish: 4/30/2022
- Days: 60

### Final Recommendation
- Start: 4/30/2022
- Finish: 5/30/2022
- Days: 30
Project Management Structure

Mary Pedersen, Joyce McConnell, Lynn Johnson,
Greg Lattig, Thom Hadley, Jordan Berger,
FM Rep (Shelly)

Consultants, Central As Needed, Foundation

Health & Human Services, Liberal Arts, Engineering,
Natural Sciences, CVMBS, Business, Agriculture,
Natural Resources, Housing

VP of Student Affairs, Council of Deans, Director of Housing

Colorado State University
Deliverables

**#1:** Overarching and detailed financial proforma for each College based on program and space assessments
   a. New and expanding programs
   b. Existing programs

**#2:** Executive Summary that outlines the strategic implementation of President’s vision for the IDEA Corridor
## Budget

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Thank you