University of Colorado
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University of Colorado Design Review Board
Meeting Notes

Date: Wednesday, March 27, 2024
Time: 9:00 a.m. – 3:30 p.m.
Location: Bruce and Marcy Benson Conference Room, First Floor, 1800 Grant Street, Denver, Colorado

DRB and Campus Members present:
Mike Winters, Jody Beck, Tom Hootman, Laurel Raines, and d'Andre Willis, campus DRB member for the University of Colorado Boulder (CU Boulder). Sarah Brown and Meg Hohnholt, campus DRB member for the University of Colorado Denver (CU Denver), attended for the afternoon presentation. Chris Shears was unavailable to attend the meeting.

Others in attendance not otherwise noted:
Kori Donaldson, AVP of Budget, Finance, and Capital and ex officio member of the DRB
Linda Money, CU Real Estate Services, CU System employee / DRB notetaker
Emily Parker, Sr. Budget, Planning, and Policy Analyst, Office of the VP for Budget & Finance, attended for the morning session.

Mike Winters, Chair, determined a quorum and called the meeting of the Design Review Board to order at 9:10 a.m.

9:00 – 10:00 a.m. **Study Session – Board Only**

The DRB reviewed administrative matters and items on the agenda prior to convening the public portion of the meeting.

10:00 – 11:30 a.m. **Engineering and Applied Science Building Renovation – *UCCS***
Schematic Design Workshop (Information/Direction)

Architects/Consultants/Contractors:
HDR Architecture Inc.
FTB Architects
Saunders Norwood, CMGC

Presenters:
Christopher Kleingartner, Principal in Charge, HDR
James Braam, Design Principal, HDR

UCCS Campus Presenters:
Fawn Behrens-Smith, Director, Planning, Design and Construction, Campus Architect

Others Present:
Rebecca McFarland, HDR
Amanda Owens, HDR (via Zoom)
Tony Mazzeo, HDR (via Zoom)
Will Prescott, HDR
Rodney Rogers, Saunders Norwood (via Zoom)
Eric Stephan, Saunders Norwood (via Zoom)

Other UCCS Campus Representatives Present:
Mark Ferguson, Campus Planning and Facilities Management (via Zoom)
Kathy Kaoudis, Administration and Finance (via Zoom)
Don Wright, Planning, Design and Construction

Description:
Schematic Design workshop for strategic renovation and finish updates of 70,019 GSF Engineering and Applied Science Building, plus small, targeted additions.

A/E Presentation

The design team gave a comprehensive presentation of the submittal package, which is available upon request through the contact information noted at the bottom of this document.

DRB Comments

A. Energy and Sustainability

- Gather information and model the existing, baseline EUI.
  - Establish EUI goals once the baseline EUI is defined.
  - Consider how window glazing could reduce mechanical system requirements.

- Provide an update about the LEED goal/target at the next meeting.

- Include information about building reuse in the project's sustainability story.
  - Consider ways to integrate sustainability science in the atrium.

B. Site & Landscape Architecture

- Provide an update on the upcoming (April 5, 2024) discussion with the campus art committee about the existing sculpture and whether the committee recommends refurbishing the sculpture in place or replacing it in a different location.
  - Determine whether it is appropriate to recreate the sculpture in another location.

- Consult with the contractor about how leaving the sculpture in place would impact construction.

- Develop an exterior space to accommodate the use that currently exists in the courtyard.

- Confirm the potential to relocate the telescope to the new north plaza.

C. Architecture

Atrium

- Define the program for the atrium, which may help inform the architecture of the atrium.
- Study opportunities to create an outside accessible space as part of the new atrium.
- What is the opportunity for "engineering on display" at the atrium?
- Avoid congestion at the point that pedestrian traffic enters the building from the east and south.
  - It would be better if this did not occur at a vestibule.
  - Create an arrival "platform" before entering the building.

Materiality of Extension at Back of Building

- Move brick/deconstruct from elsewhere on the building exterior to clad new wall/extension in the back.
- Use glass at the north plaza entry to relate to and tie back to the new atrium design.

DRB Action

No formal action was required.

11:30 a.m. – 12:00 p.m. **Multi-Site/East Campus Solar Projects – *CU Boulder* Project Update** (Approval)

Original Project Architects:
Hord Coplan Macht, Inc., Denver, Colorado

CU Boulder Campus Presenter:
d'Andre Willis, Director of Planning/Campus Architect, Facilities Planning

Other CU Boulder Campus Representatives Present:
David Bryne, Jr., Facilities Planning
Richelle Goedert, Facilities Planning
Wayne Northcutt, Facilities Planning

Description:
Update on solar project DD approval for solar structure to hold PV panels on the East Boulder Campus.

A/E Presentation

d'Andre Willis presented an update on the status of the multi-site/East Campus solar project which had been approved for Design Development in July 2020. Certain elements of the project are being redesigned and resubmitted to the DRB for review and approval.

DRB Comments

No comments.

DRB Action

Mike Winters moved to approve the revised Design Development project submittal for the East Campus Solar Array. Tom Hootman seconded the motion, which passed unanimously.

12:00 – 12:15 p.m. **Old Main Structural Repairs – *CU Boulder***
Design Development Follow-up (Action Requested)

Original Architects/Engineers/Consultants:
CSHQA
Wenk Associates Landscape Architects
Robert Silman Associates Structural Engineers, DPC
Atkinson-Noland & Associates, Inc.

CU Boulder Campus Presenter:
d'Andre Willis, Director of Planning/Campus Architect, Facilities Planning
Wayne Northcutt, Facilities Planner, Architect, Facilities Planning

CU Boulder Campus Representatives Present:
David Bryne, Jr., Facilities Planning
Katherine Dunklau, Facilities Planning (via Zoom)
Richelle Goedert, Facilities Planning

Description:
Design Development follow-up regarding glass selection for project at Old Main including structural masonry repairs, foundation repairs and drainage, window repairs, and site improvements in/along Pleasant Street.

A/E Presentation

The DRB reviewed replacement window glass options for the Old Main building repairs approved in 2023.

DRB Comments and Action

Jody Beck moved to approve the ½" wide glass sample for the Old Main building with the following specifications:

- 1/8" SolarBan 70 exterior glass; ¼" air space; 1/8" Starphire interior glass

Laurel Raines seconded the motion, which passed unanimously.

1:00 – 3:15 p.m. **Chemistry and Applied Math Building – *CU Boulder***
Design Development Workshop (Information/Direction)

Architects/Consultants:
ZGF
James Corner Field Operations
Group 14 Engineering
Whiting-Turner Contracting Company

Presenters:
Kalan Beck, Designer, ZGF
Justin Brooks, Lead Designer, ZGF
Arathi Gowda, Principal, Sustainability, ZGF
Karli Molter, Senior Associate, Field Operations
Sam Ridge, Landscape Architect, Field Operations

CU Boulder Campus Presenter:
d'Andre Willis, Assistant Vice Chancellor of Planning and Design /Campus Architect, Facilities Planning

Others Present:
Sadie Cline, ZGF
Taylor Roberts, ZGF (via Zoom)
Yihua Fan, Field Operations (via Zoom)
Meghan Lane, Whiting-Turner Contracting Company

Other CU Boulder Campus Representatives Present:
David Byrne, Jr., Facilities Planning
Katherine Dunklau, Facilities Planning (via Zoom)
Richelle Goedert, Facilities Planning
Wayne Northcutt, Facilities Planning

Description:
Design Development ("DD") workshop for a new 147,000 GSF Chemistry and Applied Mathematics (CHAP) academic/ research building on the Business Field (a 4-acre recreational field on Main Campus).

A/E Presentation

The design team gave a comprehensive presentation of the submittal package, which is available upon request through the contact information noted at the bottom of this document.

DRB Comments

(Jody Beck left the meeting during this discussion due to a scheduling conflict.)

A. Energy and Sustainability

- Evaluate and report on the sustainability gains/losses of the final window selection, including the frame system, glass (type and number of panes), and coating.

B. Site & Landscape Architecture

- Reevaluate the use of the DG crusher fines next to sidewalks at the terraces.
  - The DRB expressed concern that the sidewalks will not be ADA accessible once the crusher fine settles (unless ramping is added).
  - Pre-cast pavers may work as a substitute.

- Removal of the storm water bridge is acceptable.

- The DRB prefers pre-cast or stone retaining seating walls (v. steel) at the terraces/outside gathering spaces.

- The DRB prefers the option ALT 01 – Internal Sloped Walks which will provide ADA access to the terraces.

- Confirm if silva cells are needed along the Regent Drive street planting edge. This could potentially be a cost-saving option.

- At the grove:
  - Consider using an angular gravel at the team's preferred size to address long-term maintenance concerns.
  - Study increasing the depth of the polymeric sand joints to 2" or determine an alternative to help promote water to the tree roots.
  - Consider adding silva cells in the grove area.

- Planting notes:
  - Redbuds tend to like protection from the elements. Planting on the east side of the building is preferred for the plants to thrive.
  - The team may want to reconsider/reduce the number of ilex verticillate included in the planting plan.
  - Study the size of the trees planned for along Regent Drive.

- Consider adding some grading up to the bike parking area, to help provide some visual screening.

C. Architecture

- Study the rail solution at the exit stair at southeast corner of the building.

- Continue to study the screening solution at the northeast corner of the building next to the loading dock. How can the area around the loading dock be better integrated into the overall site and building?
  - Look at ways to gain more setback space.
  - Explore planting, terracing, and grading strategies.
  - Can the screening be made to look like it is part of the building?
  - What platform is surrounding the transformers to the north? Can this detail be included in a 3D model?
  - Provide a detail of the exit stairs next to the transformers.

- The DRB agrees with the team's preference to use the Engineering Building as the basis of the sandstone color and jointing.
  - Study samples of more organic jointing and more natural edges v. cut edges.

- The design team presented three exterior material options for the window trim and base of the building:
  - Sandstone, Precast Concrete, and GFRC.
    - Sandstone would be the most economical and fit the context of the campus.
    - The DRB prefers the stone option for this material.

- The DRB does not fully understand the complexity of the detailing at the windows. Can the team print a 3D model of the window details to show how the different material types and reveals meet? If this is the final detail to be incorporated into the design, the DRB would like to view a full-size mockup of this condition, on site when available.

- The resolution for the façade at the SW entry is acceptable.

- The DRB prefers the metal material option for the building entry canopies.
  - The abstract mullion pattern at the glass connector is a good solution to break the massing and continue the exterior patterns of the stone facades into the glass.

DRB Action

No formal action was required. The DRB provided the direction noted above and thanked the design team for their efforts in preparing for the workshop.

The design team requested that the May meeting of the DRB be held on the Boulder campus for the DD submittal and to view the mockups on site.

There being no further business, the public meeting of the Design Review Board adjourned at 3:45 p.m.

(For assistance obtaining any copies of the submittal documents referenced within these meeting notes, please contact Linda Money at (303) 860-6110 or linda.money@cu.edu.)