

## University of Colorado Design Review Board Amended Meeting Notes

Date: Tuesday, January 18, 2022  
Time: 8:30 – 10:30 a.m.  
Location: Zoom Meeting

### **DRB and Campus Members present:**

Don Brandes, Sarah Brown, Cheri Gerou, Tom Hootman, Chris Shears, Mike Winters, and d'Andre Willis, campus DRB member for the University of Colorado Boulder campus (“CU Boulder”).

### **Others in attendance not otherwise noted:**

Kori Donaldson, Senior Director of Capital Assets and ex officio member of the DRB  
Linda Money, CU Real Estate Services, CU System employee / DRB note taker

Don Brandes, Chair, determined a quorum and called the meeting of the Design Review Board to order at 8:30 a.m.

### **8:30 – 9:00 a.m. Study Session – Board Only**

The DRB reviewed the item on the agenda prior to convening the public portion of the meeting.

### **9:00 – 10:00 a.m. UMC Shade Sail Project – CU Boulder Pre-Design (Information/Direction)**

#### Engineers/Consultants:

Martin and Martin Engineering, Lakewood, Colorado

#### Presenters:

Richelle Reilly, Facilities Planner/Landscape Architect,  
Facilities Planning  
d'Andre Willis, Director of Planning/Campus Architect,  
Planning, Design, and Construction

#### CU Boulder Campus Representatives Present:

Jennifer Scheele Lee, Landscape Architect, Planning,  
Design & Construction  
Todd Anderson, Assistant Director, UMC Facilities, UMC  
Administration

Description: Pre-design submittal to add structure/removable shade cloth to the Fifth Floor Terrace at the University Memorial Center.

## **A/E Presentation**

Facilities staff presented a Pre-Design submittal package, a copy of which is available upon request through the contact information noted at the bottom of this document.

## **DRB Comments and Action**

No formal action was required for this agenda item. Board comments and direction included the following:

### **A. Site & Landscape Architecture:**

- Study whether the furniture (tables, chairs, trash receptacles, etc.) should be fixed or moveable and study the placement of the furniture, especially for potential future social and small group events. Include the impacts of:
  - penetrating the roof/paver section with fixed furniture;
  - wind on moveable furniture;
  - storage and stacking of moveable furniture; and
  - the flexibility of the layout of the furniture.

Determine if funding is available in the budget for fixed furniture.

- Consider the possibility of using potted evergreen plants in order to soften the area. This may be difficult because of heat and wind.
- Some low-level, ground plane lighting may be desirable, especially if the space will be used at night.

### **B. Architecture:**

- Concerns regarding a project structure made of fabric include:
  - Materiality;
  - Installation;
  - Maintenance;
  - Fading;
  - Sustainability;
  - Storage;
  - Limited, not year-round use.
- Consider fixed louvre solutions so a more permanent structure can be used year-round, thus avoiding fabric altogether for maintenance and long-term sustainability reasons.
  - Will the structure be used for all seasons?
  - Since the structure may need to attach to the existing column grid with projecting cantilevered beams, the size of the structure may be determined based upon the cantilever achieved off of the columns in all four directions.
- For consistency, review the project structure to determine if it should be made up of the same “kit of parts” vernacular as the shade structures recently installed in the Duane Physics plaza, including amenities such as power, lighting, etc.
- Perform view/sun/shade/wind studies to analyze the structure in terms of:
  - The proper height and configuration needed to protect the view corridor;

- Explore as an alternate multiple structures in order to preserve the view.
  - Does the structural element have to tie to all four columns?
  - Could one main structure be split into two smaller structures with the sides being cantilevered away from the center to the north and south of the columns, leaving an opening between the columns where the view is unimpeded?
  - Scrutinize the impact of the structure on the entire view corridor from the rooftop, especially if a person were to move from the east to the west edge of the roof and back and from the north to the south and back.
  - Will the structure impede the views from different key points on the plaza?
  - Can the views be optimized?
  - Consider a design that steps away from the west edge enough to provide proper sunlight maintaining the view corridor.
  - The structure will not be noticeable from the street, so this point of view will not likely be an issue.
  - The design of the cantilever structure provides the desired shade at the right time in the right place--the structure should provide adequate shading--explore various options;
  - The design also provides the appropriate amount of sun in the winter to help with snow and ice control.
  - Wind can be an issue in all seasons, especially at this height. Although this could be difficult, is it possible to provide some wind protection?
- Analyze the occupancy guidelines of the available restrooms.
  - Study ingress, egress, accessibility, and staging guidelines and/or options including food and beverage service, trash service, etc.
  - Determine if the project could, or should, be completed in phases and what should be done in each phase.

### **C. Energy and Sustainability:**

- Investigate if PV could be added to the structures.
  - Including corresponding consultants for electric and lighting connections.
- Conduct shading studies at key points of time during the year to optimize outdoor comfort.

The DRB indicated that, given the tremendous views from this location, it would be great if the plaza could be utilized more. The DRB is looking forward to the Conceptual Design submittal to see how the design has progressed.

Prior to adjourning the meeting, the DRB discussed administrative matters.

There being no further business, the public meeting of the Design Review Board was adjourned at 9:45 a.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](mailto:linda.money@cu.edu).)*