

## INTEGRATED DESIGN REVIEW MEETING NOTES

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**PROJECT:** University of Wisconsin – La Crosse  
PRAIRIE SPRINGS SCIENCE CENTER – PHASE II  
La Crosse, WI

**DFD PROJECT NO:** 19G1J  
**RA PROJECT NO:** 1290E

**MEETING DATE:** June 17, 2021

**MEETING TIME:** 2:00pm-3:30pm

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### ATTENDANCE:

Beth Alderman	DFD	<a href="mailto:Beth.Alderman@wisconsin.gov">Beth.Alderman@wisconsin.gov</a>
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### REVIEW COMMENTS & DISCUSSION:

1. Active Learning Classrooms:
  - a. A/E presented revised design concept that incorporates a single massing rather than three as initially designed. Simplified design reduces foundation complexity and special roofing conditions while increasing the usable floor space within the rooms.
  - b. Comments:
    - Nice job incorporating views, daylight, and program.

- Excellent job, much better solution, and more cost effective.
  - Is the sloped roof essential? Consider flat roof? Consider stone ballast at flat roof for views from spaces above?
2. Glass at Grade:
- a. A/E presented design intent of including a 16" high metal panel similar to Phase 1.
  - b. Comments:
    - Scott Schumacher noted that this approach is acceptable to UWL and has worked well on Phase 1.
3. East Link:
- a. A/E presented design intent of including a 1-2-1-2 window rhythm to match the south elevation. This approach follows the layout of the interior spaces and could be reconfigured in the future if necessary.
  - b. Comments:
    - Confirm there will be no lab benches against the exterior wall at the lowered sill height.
4. Window/Wall Ratios:
- a. A/E presented updated elevations and renderings showing current glazing percentages and shading strategies.
  - b. Comments:
    - Refrain from exceeding the maximum glazing percentages per the DFD Sustainability Guidelines.
    - Continue to study the exterior shading strategies, particularly the effectiveness of vertical shades. Be mindful of issues related to birds with any system being used.
    - South sun control using horizontal louvers similar to Phase 1 acceptable.
5. Energy Usage:
- a. A/E discussed the revised target EUI and changes made due to additional information being provided by UWL regarding additional lab exhaust, occupancy schedules, etc.
  - b. Comments:
    - No comments.
6. Greenhouse:
- a. A/E discussed the solution to deal with potential condensation staining of the precast wall panels at the knee wall.
  - b. A/E discussed how the headhouse will be on the building system while the greenhouse will be on separate system provided by greenhouse manufacturer.
  - c. Comments:
    - Recommend including a drip being cut into the precast sill in addition to the metal flashing proposed.
    - A/E needs to further develop the greenhouse and better understand the systems (fans, operable windows, etc.).

7. Northeast Stair:
  - a. A/E reviewed the reduction of glazing at the stair and how frit and shadowbox glazing will be incorporated similar to the west stair in Phase 1.
  - b. Comments:
    - Glazing strategy acceptable.
    - Concerns expressed regarding temperatures of the stair during warm months.
    - If stairs are to be used for circulation, cooling to be provided.
8. Southeast Curtain Wall:
  - a. A/E presented updated renderings to illustrate design intent of incorporating shadowbox glazing at the spandrel conditions.
  - b. Comments:
    - Large window configuration provides an opportunity for glazing reduction on the east elevation.
    - UWL would like to maximize the view of the bluffs to the east.
    - Do not exceed maximum allowable glazing percentage.
9. Overall Exterior Design:
  - a. A/E presented updated renderings to show the revisions made to the design.
  - b. Comments:
    - Many improvements.
    - Window to wall percentage is a maximum. Continue to improve.
    - Ensure all stairs are included in the glazing calculations even if non-cooled.

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*Note: This constitutes our understanding of the issues presented. Contact River Architects, Inc. via phone at (608) 785-2217, or e-mail [m.adler@river-architects.com](mailto:m.adler@river-architects.com) if there are any discrepancies.*