

**DESIGN COMMITTEE REVIEW MEETING / SEPTEMBER 17, 2015**

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MEETING START TIME: 10:00 a.m.  
 MEETING END TIME: 12:00 p.m.

PRESENT:

Beth Alderman	Division of Facilities Development	Val Schute	River Architects
Craig Weisensel	Division of Facilities Development	Mike Adler	River Architects
Doug Pearson	UW-La Crosse	Jeff Kocinski	SmithGroupJJR
Bruce Riley	UW-La Crosse	Marilee Lloyd	SmithGroupJJR
Suzanne Anglehart	UW-La Crosse	Tony LoBello	SmithGroupJJR
Mike Ablar	UW-La Crosse	Steve Riehle	Grumman/Butkus Associates
Eric Gansen	UW-La Crosse	Marshall Hjertstedt	MFH Associates
Aaron Monte	UW-La Crosse		
Karoline Auby	UW-La Crosse		
Bernadette Taylor	UW-La Crosse		

NOTES:

1. Introductions:
  - a. Craig Weisensel was introduced to the committee as the new project manager from DFD that will be replacing Beth Alderman.
2. Project Schedule Review:
  - a. Revised laboratory plans and elevations to be provided to the users by the end of September.
  - b. Design team focused on collecting and coordinating the laboratory equipment.
  - c. Duration from Final Review to Bidding will need to extend an additional 2-3 weeks for DFD to review the final bid documents.
  - d. Construction start anticipated at the end of May, early part of June.
3. A list of open issues were reviewed and discussed. The following items were noted:
  - a. Access Control
    - Doug Pearson noted that UW-L will be making a final decision on the lock system in the upcoming week.
  - b. Equipment Moving Access
    - Large pieces of equipment have been moved into the basement of Cowley Hall via an exterior hatch. Items have also been moved within the elevator shaft when the cab could not support the weight or size of equipment being moved to upper floors.
    - Design team has been in contact with the elevator manufacturer and a determined that a 4'-6" wide door can be provided in a different model of elevator.
  - c. Furnishings
    - Design and procurement process to be determined.
  - d. Fume Hoods/Emergency Power
    - Design team has begun evaluating the life cycle costs of providing automatic sash closures to better understand the impact the reduced usage will have on the air handling system and generator sizing.

- e. Emergency Generator
    - Location, size, and fuel type all based on the outcome of the fume hood analysis.
  - f. Laboratory Equipment
    - Equipment cut sheets, model numbers, and specifications are needed for any equipment being moved from existing Cowley Hall and/or provided by the users.
  - g. Microbiology Lockers
    - Lock device being evaluated.
  - h. Lighting Controls
    - Doug Pearson noted that the discussion with campus IT is that that lighting should be controlled manually within the labs.
  - i. Site Located Emergency Phones
    - Doug Pearson noted that two phones should be provided. One at the west entrance and the second at the loading dock.
  - j. Pad-mounted Switch Relocation
    - Design team evaluating the impact of relocating the exterior electrical switch.
  - k. Badger Street/Project Overlap
    - Further discussion required between the two projects to understand the schedule overlap, staging and site access issues.
4. A list of closed issues were reviewed and discussed. The following items were noted:
- a. Cowley Hall Exhaust/Air Quality
    - Input provided to the design team to date was that exhaust intensive lab spaces will be out of commission once Phase 1 is complete.
    - Mike Abler noted that Medical Mycology will need to be taught in existing Cowley Hall. Further testing and additional wind studies will need to be conducted if this is the case.
    - Tony LoBello noted that the current analysis of the exhaust from Cowley Hall if used after the completion of Phase 1, there could be toxic levels of emissions within the courtyard area between the two buildings.
  - b. Interior Signage/Wayfinding
    - Signage will be furnished and installed by the contractor. Signage to follow Centennial Hall for campus standards.
  - c. Security (Camera Locations)
    - Proposed locations have been provided by UW-L and will be noted accordingly on the drawings.
  - d. Well vs City Water
    - City water to be provided and treated for River Studies use.
5. The emergency generator was reviewed and discussed. The following items were noted:
- a. Existing steam tunnel to directly east of the building will limit the ability for an exterior, pad-mounted generator.
  - b. DFD was not in favor of locating the generator within an exterior areawell.
  - c. The current proposed location is in the far southeast corner of the basement. Additional areawells are necessary to provide proper mechanical ventilation for the generator, electrical, and mechanical rooms.
  - d. The additional areawells provide a more efficient duct routing system.
6. The exterior design was reviewed and discussed. The following items were noted:
- a. Slot window at the northwest stair has been updated per comments from UW-L.
  - b. Champaign finishes being proposed for the penthouse and roof-top equipment screens.

- c. Etched glass with as vertical striated pattern being proposed in various locations in the curtain wall system in an effort to reduce solar heat gain.
7. The interior design was reviewed and discussed. The following items were noted:
    - a. Architectural exposed concrete (possibly board formed) proposed for the stairs.
    - b. Accent colors were reviewed and discussed. Committee approved color selections. Bob Hetzel questioned the design team about the accent colors working together. The design team confirmed the colors work well together.
    - c. Solid surface sills to be provided at the display niches in the restroom corridors.
    - d. Resilient floors to be provided in the elevators.
    - e. The sheen of the concrete floor sealer to be determined. Doug Pearson prefers a high gloss finish. Design team to verify the frequency of resealing of the concrete.
    - f. Design team noted that cracks are likely to occur in the structural concrete.
    - g. Tegular ceiling tile to be used in lieu of beveled tile as noted in an email to the design team from UW-L.
    - h. Mike Abler questioned why epoxy floors are proposed in some locations in lieu of resilient. This is mostly due to the likelihood of water being present on the floor.
    - i. Dark colored floors in the laboratories to be re-evaluated due to concerns expressed by the electrical engineer.
    - j. Epoxy flooring to be provided in the Shared Autoclave room.
  8. The portals into the teaching and research labs were discussed. The following items were noted:
    - a. Facilities expressed concerns during the review of the 35% documents of the treatment of the corners of the portals and potential damage that may occur, resulting in continual maintenance issues.
    - b. An integral color cap from the floor to ceiling would be acceptable.
    - c. Depth to be as minimal as possible and will depend on the wall cap assembly.
    - d. Doug Pearson recommends a cost-effective and durable material for the entire portal area.
  9. Stair and guardrail options were reviewed and discussed. The following items were noted:
    - a. Stainless steel top rail and handrail recommended by Doug Pearson.
    - b. Mike Abler questioned if any maintenance will be required for the stainless steel railing systems.
  10. A large display to be located near the main entrance. Bob Hetzel shared photos of the display currently located in Hyland Hall at UW-Whitewater.
  11. Science on Display was reviewed and discussed. The following items were noted:
    - a. Various locations were proposed and discussed.
    - b. Mike Abler expressed concern regarding light filtering through from the corridor behind the projection screens.
    - c. Eric Gansen asked if the windows could be closed off, particularly at the Introductory Physics Lab. Eric suggested removing the transom windows at this location.
  12. Microbiology lockers were reviewed and discussed. The following items were noted:
    - a. UW-L to provide direction on locking device.
    - b. Design team to provide cut-sheet information for the locking devices presented.
    - c. Doug Pearson commented that the campus may prefer a key fob approach.
    - d. Doug Pearson noted that the Digilock is currently used on campus and may be the preferred approach.
  13. The current floor plans were reviewed and discussed. The following items were noted:

- a. Aaron Monte requested removal of the wall between the Chemistry Prep labs. Decision was made to provide a door frame instead.
  - b. SmithGroupJJR to provide cut sheet information for down-draft gurney tables.
  - c. Mike Abler asked for verification of the air change rates in the A&P labs. Mike recalls 18-20 air changes per hour being required.
  - d. Mike Abler and Aaron Monte questioned the number of autoclaves being provided. Aaron recommended four units as a minimum. After further discussion, the decision at this time is to leave as three.
  - e. Eric Gansen questioned how equipment might be moved in the future. Pathways in and out of the building are critical.
14. Mike Abler expressed concern with occupancy sensors controlling the fume hoods.
15. Mike Abler requested the drawings that he commented on be returned for his records and further dialogue.

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*Meeting Notes by: River Architects and SmithGroupJJR*

*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.*