

VIVARIUM MEETING NOTES

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: February 8, 2021

MEETING TIME: 3:00pm-4:30pm

ATTENDANCE:

Scott Schumacher	UW-La Crosse	sschumacher@uwlax.edu
Amy Cooper	UW-La Crosse	acooper@uwlax.edu
Mike Abler	UW-La Crosse	mabler@uwlax.edu
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Jeff Kuhse	River Architects	j.kuhse@river-architects.com
Emma Cuciurean-Zapan	SmithGroup	Emma.Cuciurean-Zapan@smithgroup.com
Steve Hackman	SmithGroup	Steve.Hackman@smithgroup.com

PROGRAM:

1. Efficiencies were indicated on the new plans through further development of the concept, mainly through a uni-directional circulation corridor and consolidated mechanical space.
2. Hibernacula depicted on this iteration of the floor plan.
3. Barrier Suite:
 - a. Amy has seen it done a number of ways.
 - b. Small autoclave-out from Barrier is not required
4. No carcass holding room needed – freezer only.
5. Amy commented that the 2017 design was a loop corridor concept approach with potential for providing clean and dirty sides. While helpful for larger barrier suites, a single corridor approach (currently utilized by UWL's existing facility) is more efficient and provides a greater number of functional programmed rooms.
6. Mechanical area below greenhouse. This area is envisioned to support centralized plumbing needs and vivarium support systems.

7. Concept design presented creates suites for various types of focus or species.
 - a. East flex space could become quarantine.
 - b. Lab Manager to be located off the internal hallway.
 - c. Employees are part-time students (1-hour per day +/-).
 - d. No break area required in lieu of space for students to touch-down.
 - e. Two gender-neutral restrooms. Each with lockers and shower.
 - f. Janitor closet – custodians only allowed into Lab Manager and Restrooms. Vivarium staff will use an internal custodial space.
 - g. Additional cage storage needed.
 - h. Some more ventilated racks may be utilized in the future. Current racks house static cages.
 - i. Two long procedure rooms could be better utilized per Amy.
 - j. Air circulation in existing Vivarium may not be up to current standards.
 - k. Plan is acceptable to Amy from the standpoint of programmed area for development in future phases. Comparable in some ways to the existing UWL layout. Amy to review in more detail.
8. Room size adjustments illustrated for review.
9. No Necropsy room needed.
10. No surgery room needed.
11. Bench in center of Procedure Room needed. One room for 20 students or two smaller rooms for 10 students.
12. Cage Wash:
 - a. Currently washed in a vertical cage washer. Future state planned for pass-thru unit.
 - b. Bottle washer needed.
 - c. Bottle filler needed.
 - d. Autoclave service contracts a concern for UWL. Preference not to use Beta Star.
13. Ante-room is required to access the Barrier Holding Room
14. Dedicated elevator requested for vivarium-use only.
15. Aquatics and Hydroponics acceptable as combined space per Mike Abler. Aquatic plants. Additional floor drains needed.
16. Isolation space used for pathogenic fungi that needs to be isolated from other plants. This room does not require direct daylight.
17. Botany/Greenhouse could be directly connected without passing through the headhouse. This will be studied in future design phase.
18. Botany would not use the biosafety room. Remove door.

19. Mechanical access in Vivarium still pending. UWL requested no access to mechanical through the holding rooms.
20. Sound/vibration isolation between Vivarium and Mechanical is important, or any space above or around holding rooms, such as stairwells, elevators, including classrooms and corridors above.

ACTION ITEMS SUMMARY		
1	Amy Cooper offered to review the plans with markups and comments.	UWL (received 2/11/2021)

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 if there are any discrepancies.