

PHYSICS 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: October 4, 2021

MEETING TIME: 2:30pm-4:30pm

ATTENDANCE:

Scott Schumacher	UW-La Crosse	sschumacher@uwlax.edu
Shelly Leshner	UW-La Crosse	slesher@uwlax.edu
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Sarah Heuer	UW-La Crosse	
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Alec Zambrowicz	Ring & DuChateau	azambrowicz@ringdu.com

OVERALL PLAN REVIEW:

1. The overall plans of each floor level were presented. The following items were noted:
 - a. Review comments provided by Physics on 10/4 indicate that there will be a conflict between the Physics research labs and the new Shop. Additional discussion noted below.
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DESIGN REVIEW:

1. Program Summary:
 - a. The space tabulation for the Physics Department was provided as a reference. No comments.
2. Computational Computer Lab:
 - a. Provide capabilities for projection or visual connection for every student station. Consider additional monitors and/or projection screen.
 - b. Move cubies to location other than behind the door.
 - c. Spread tables apart for student storage.
 - d. Single monitor at each workstation with tower PC under each table.
 - e. Provide power in floor in a way that provides flexible seating arrangements.
 - f. Student workstations to be furniture solution in lieu of lab casework.
 - g. Provide space for printer (data jack and receptacle).
3. Non-Scheduled Computational Computer Lab:
 - a. Consider deeper workstations if space between tables isn't compromised. Students need space for books, paper, and keyboard.
 - b. Controllability of lighting desired for student presentation practice.
 - c. Provide sidelight adjacent to door or quarter light within the door.
 - d. Room darkening not required.
 - e. Explore opportunity for transparency to hallway.
 - f. Provide space for printer (data jack and receptacle).
4. Faculty/Student Research (Theorists):
 - a. Group table to have ability to share content from laptops to wall monitor. Provide wireless and hardwired solution.
 - b. Dual or large monitors and space for student work is more important than additional computers. Allow for up to 8 to 10 stations.
 - c. Depending on budget constraints and condition of the equipment at the time of move-in, the computers may be existing or new.
 - d. No cubbies needed. Coat hooks only.
 - e. Provide two tall bookshelves and two cabinets.
 - f. Provide whiteboard at three walls.
 - g. Provide space for printer (data jack and receptacle).
5. Rooftop Observation Area:
 - a. Retractable roof removed from project.
 - b. Retain two separate storage spaces as currently planned.
 - c. Removable telescope enclosures would require less alignment time.
 - d. Telescope electronics require protection.
 - e. Shauna to review options for storage, mounting, and protection.
 - f. Fixed piers preferred.
 - g. Five telescope mounting locations acceptable.
 - h. Provide 5' workbench space in telescope storage room.
 - i. Winter viewing tends to only occur during special events.
 - j. Clear view to north star critical at all mounting locations.
 - k. Utility cabinets to be provided in small storage room.
 - l. Lockable cabinets required in telescope storage room.
 - m. Piers cannot be aligned in the north/south direction.
 - n. Consider co-locating storage within waiting area? Condense stair landing?

6. Lecture Hall Equipment:
 - a. Cowley 100 support space currently used to store a number of items. Concern the storage space won't be able to accommodate everything.
 - b. Many items are extremely heavy.
 - c. Eric to provide photos and upload information to SharePoint.
 - SmithGroup to send information to those attending the meeting.
 - d. Benches are to be 14' x 32".
 7. Phase 1 Research and Shops:
 - a. Concerns expressed by Physics regarding the proposed location of the shop spaces. Air contamination and vibration will likely cause issues with the sensitivity of the equipment in Phase 1.
 - b. Physics would prefer the Shops be located on Level 1 in Phase 1, adjacent to the loading area.
 - c. Shelly commented on the design process in Phase 1 and noted that concerns expressed by Physics were ignored.
 8. Existing Laser Equipment:
 - a. Eric noted that there is a large laser unit that has historical significance and may provide an interesting opportunity to be displayed somewhere in the building.
 9. A copy of the presentation and additional notes can be found here: <https://river-architects.sharefile.com/d-s23b40ffa66604248a6ae4ae020275680>
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SCHEDULE & NEXT STEPS:

1. Design team to revise plans based on discussions held.
 2. Next meeting to be scheduled in 3 to 4 weeks to review specifics.
 3. UWL to provide equipment selections and specs for the SmithGroup SharePoint site for all university-provided equipment.
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ACTION ITEMS SUMMARY		
1	Rooftop observation area storage requirements to be provided.	UWL
2	Telescope specifications to be provided.	UWL
3	Equipment selections and specifications to SharePoint.	UWL
4	Lecture hall equipment photos.	UWL

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.