

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: May 14, 2021

MEETING TIME: 8:30am-10:00am

ATTENDANCE:

Scott Schumacher	UW-La Crosse	sschumacher@uwlax.edu
Krista Anderson	UW-La Crosse	kanderson@uwlax.edu
Shelly Leshner	UW-La Crosse	slesher@uwlax.edu
Shauna Sallmen	UW-La Crosse	ssallmen@uwlax.edu
Eric Gansen	UW-La Crosse	egansen@uwlax.edu
Mike Adler	River Architects	m.adler@river-architects.com
Jeff Kuhse	River Architects	j.kuhse@river-architects.com
Emma Cuciurean-Zapan	SmithGroup	Emma.Cuciurean-Zapan@smithgroup.com
Nikki Taylor	SmithGroup	Nikki.Taylor@smithgroup.com
Steve Hackman	SmithGroup	Steve.Hackman@smithgroup.com
Chris Endicott	Ring & DuChateau	cendicott@ringdu.com
Jeff Saunders	Ring & DuChateau	jsaunders@ringdu.com
Greg Clark	NV5	Gregory.Clark@nv5.com

GENERAL DISCUSSION:

1. Space allocation summary was presented for review and comment. Approved as indicated.
2. Physics spaces located on level 2. Observation area on level 6.
3. Shelly expressed concern with the location of the Physics offices. Requested to swap with Biology spaces located along the south side of the east wing.

4. The Faculty/Student Research space was reviewed and discussed. The following items were noted:
 - a. Architectural/Layout
 - Space for three occupants needed.
 - (8) computer stations sufficient.
 - Smaller offices than existing will result in less storage opportunities.
 - Could wall monitor be provided in lieu of whiteboard?
 - 8' table minimum.
 - Additional bookshelves requested. Less full height cabinets. No built-in casework in this area – furniture solution.
 - Additional daylight into space desired. Transom windows at corridor requested.
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 - b. Plumbing & Fire Protection
 - No specific requirements noted.
 - c. HVAC
 - No specific requirements noted.
 - d. Electrical/Telecom
 - Power located near tables. Retain flexibility to move tables (non-wired).
 - Card access required.
 - e. Audio-Visual
 - Wall mounted displays as illustrated.
 - Student laptop connections. Students may have laptop at the computer workstation.
 - Wireless and wired connections to monitors.
 - Web conferencing capabilities at monitors. Scott noted a higher-level discussion is needed regarding these settings and remote connections. Shelly noted that research environments would utilize the technology.
 - Dual monitors at each workstation.
5. The Computational Computer Lab was reviewed and discussed. The following items were noted:
 - a. Architectural/Layout
 - 24 students.
 - Instructor doesn't stand and present materials. One-on-one with students. Fixed computer station located in the corner is sufficient.
 - Two walls of markerboards.
 - Room layout to be revised.
 - Cubby storage only. No other built-in storage or casework.
 - Roller shades at exterior windows. No room darkening required.
 - b. Plumbing & Fire Protection
 - No specific requirements noted.
 - c. HVAC
 - No specific requirements noted.
 - d. Electrical/Telecom
 - Card access required.
 - e. Audio-Visual
 - Projection screen desired.
 - Single monitors in lieu of pairs at side walls.

6. The Non-Scheduled Computer Lab was reviewed and discussed. The following items were noted:
 - a. Architectural/Layout
 - Smaller scale version of the main computer lab.
 - 8 stations. Could be positioned against the wall. Size of table to be reviewed – larger for additional work surface.
 - Small work table desired to provide space for instructor.
 - Area could be used for presentation rehearsal.
 - Space for printer.
 - Poster session recording capability? To be determined. Scott advised function may make better sense in a shared meeting room.
 - b. Plumbing & Fire Protection
 - No specific requirements noted.
 - c. HVAC
 - No specific requirements noted.
 - d. Electrical/Telecom
 - Card access required,
 - e. Audio-Visual
 - Single monitors to be used.
 - Wall monitor for sharing content.
7. Testing rooms were reviewed and discussed. The following items were noted:
 - a. Shelly noted that there can't be two students sharing a single table. Divider needed.
 - b. Retain technology for small meetings when not used for testing.
8. Shared printing rooms were reviewed and discussed. The following items were noted:
 - a. Large format printing.
 - b. Departmental printing at each work room. Larger departments may have second printer.
 - c. If only two large format printers needed in the building, this room could be used for small meeting space in lieu of printing.

9. The Rooftop Observation Area was reviewed and discussed. The following items were noted:
- a. Ideal viewing angle is 20-degrees in all directions.
 - b. Waiting Area
 - Flexible space for preview of viewing activities. Laptop station.
 - Monitor could show telescope content.
 - Chairs vs benches. Storage required. Could chairs be stored in the benches? Modular benches rather than built-in also an option.
 - c. Storage Room
 - Potentially combine with Telescope Storage.
 - Cart(s) for stacking chairs (15 chairs).
 - d. Telescope Storage
 - UWL to provide measurements for storage requirements.
 - Potentially combine with Storage Room.
 - Shift door location away from telescope pedestal.
 - e. Observation Platform
 - North star viewing from north piers required for calibration purposes. 40 degrees min.
 - Structural isolation of the telescope piers required.
 - UWL to provide telescope specifications. Power required at all piers. Data connection?
 - Adjustable height mounting required.
10. Refer to attached drawings for additional review comments recorded during the meeting.
11. Equipment anticipated to be provided outside of the construction contract to be itemized using an online database. SmithGroup to provide link and instructions to SharePoint site. UWL to designate key personnel that will populate these lists with the appropriate equipment.

ACTION ITEMS SUMMARY		
1	Rooftop observation area storage requirements to be provided.	UWL
2	Telescope specifications to be provided.	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.