

## CS ENGINEERING & SHOPS 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:** May 12, 2021

**MEETING TIME:** 2:30pm-4:00pm

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### ATTENDANCE:

Scott Schumacher	UW-La Crosse	<a href="mailto:sschumacher@uwlax.edu">sschumacher@uwlax.edu</a>
Mark Sandheinrich	UW-La Crosse	<a href="mailto:msandheinrich@uwlax.edu">msandheinrich@uwlax.edu</a>
Kurt Grunwald	UW-La Crosse	<a href="mailto:kgrunwald@uwlax.edu">kgrunwald@uwlax.edu</a>
Jeff Bryan	UW-La Crosse	<a href="mailto:jbryan@uwlax.edu">jbryan@uwlax.edu</a>
Elliot Forbes	UW-La Crosse	<a href="mailto:eforbes@uwlax.edu">eforbes@uwlax.edu</a>
Shelly Leshner	UW-La Crosse	<a href="mailto:slesher@uwlax.edu">slesher@uwlax.edu</a>
Kenny Hunt	UW-La Crosse	<a href="mailto:khunt@uwlax.edu">khunt@uwlax.edu</a>
Krista Anderson	UW-La Crosse	<a href="mailto:kanderson@uwlax.edu">kanderson@uwlax.edu</a>
Lei Wang	UW-La Crosse	<a href="mailto:lwang@uwlax.edu">lwang@uwlax.edu</a>
Eric Gansen	UW-La Crosse	<a href="mailto:egansen@uwlax.edu">egansen@uwlax.edu</a>
Val Schute	River Architects	<a href="mailto:v.schute@river-architects.com">v.schute@river-architects.com</a>
Mike Adler	River Architects	<a href="mailto:m.adler@river-architects.com">m.adler@river-architects.com</a>
Jeff Kuhse	River Architects	<a href="mailto:j.kuhse@river-architects.com">j.kuhse@river-architects.com</a>
Emma Cuciurean-Zapan	SmithGroup	<a href="mailto:Emma.Cuciurean-Zapan@smithgroup.com">Emma.Cuciurean-Zapan@smithgroup.com</a>
Smitha Vasan	SmithGroup	<a href="mailto:Smitha.Vasan@smithgroup.com">Smitha.Vasan@smithgroup.com</a>
Nikki Taylor	SmithGroup	<a href="mailto:Nikki.Taylor@smithgroup.com">Nikki.Taylor@smithgroup.com</a>
Steve Hackman	SmithGroup	<a href="mailto:Steve.Hackman@smithgroup.com">Steve.Hackman@smithgroup.com</a>
Ryan McNally	Ring & DuChateau	<a href="mailto:rmcnally@ringdu.com">rmcnally@ringdu.com</a>
Virginia Depies	Ring & DuChateau	<a href="mailto:VDepies@ringdu.com">VDepies@ringdu.com</a>
Chris Endicott	Ring & DuChateau	<a href="mailto:cendicott@ringdu.com">cendicott@ringdu.com</a>
Greg Clark	NV5	<a href="mailto:Gregory.Clark@nv5.com">Gregory.Clark@nv5.com</a>
Jim Viviano	NV5	<a href="mailto:James.Viviano@nv5.com">James.Viviano@nv5.com</a>

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**GENERAL DISCUSSION:**

1. The CS Engineering Lab was reviewed and discussed. The following items were noted:
  - a. Architectural/Layout
    - Questions raised regarding access of shop space through the lab.
    - Concerns expressed about sharing space between departments.
    - Steve Harris and Kurt Grunwald to review equipment requirements.
    - Kenny Hunt to review equipment requirements for CS Engineering.
    - Transparency into lab acceptable. Project work to be on display.
    - EMI interference a concern.
    - Whiteboard space to be provided wherever possible.
    - Electrostatic discharge (ESD) flooring to be used.
    - Room 1032 to be considered as a repair space.
  - b. Laboratory Equipment/Casework
    - Movable furniture to be used.
    - Currently no welder anticipated. Shelly noted that discussion is needed with Steve Harris to confirm.
    - Vibration tables hooked up to building compressed air system.
    - Electrostatic discharge (ESD) tables to be used.
  - c. Plumbing & Fire Protection
    - Compressed air to be provided.
  - d. HVAC
    - No specific requirements discussed.
  - e. Electrical/Telecom
    - Card access required.
    - Grounding of floor slab required.
  - f. Audio-Visual
    - Space to function mostly as a research environment while having the capacity for lecture and presentation.
    - Movable podium.
    - Dual projection screens to be used.
2. The Clean Shop was reviewed and discussed. The following items were noted:
  - a. Architectural/Layout
    - Location discussed during overall plan review.
  - b. Laboratory Equipment/Casework
    - Space for large tool cart.
    - Soldering station.
  - c. Plumbing & Fire Protection
    - Sink to be provided.
    - Compressed air and vac. No gas required.
  - d. HVAC
    - No specific requirements discussed.
  - e. Electrical/Telecom
    - Card access required.
    - 110v only.
  - f. Audio-Visual
    - No specific requirements discussed.

3. The Dirty Shop was reviewed and discussed. The following items were noted:
  - a. Architectural/Layout
    - Location discussed during overall plan review.
  - b. Laboratory Equipment/Casework
    - Table saw, miter saw
    - Laser cutter with water cooling.
    - CNC machine.
    - Stop button required.
  - c. Plumbing & Fire Protection
    - No specific requirements discussed.
  - d. HVAC
    - Dust collection system required. Industrial Beam system?
  - e. Electrical/Telecom
    - Card access required.
  - f. Audio-Visual
    - No specific requirements discussed.
4. Refer to attached drawings for additional review comments recorded during the meeting.
5. 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.

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ACTION ITEMS SUMMARY		
1	User groups to review equipment requirements.	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](mailto:m.adler@river-architects.com) if there are any discrepancies.*