

## MATHEMATICS MEETING NOTES

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**PROJECT:** University of Wisconsin – La Crosse  
PRAIRIE SPRINGS SCIENCE CENTER – PHASE II  
La Crosse, WI

**DFDM PROJECT NO:** 19G1J  
**RA PROJECT NO:** 1290E

**MEETING DATE:** December 15, 2020

**MEETING TIME:** 12:00-2:00pm

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### ATTENDANCE:

Scott Schumacher	UW-La Crosse	<a href="mailto:sschumacher@uwlax.edu">sschumacher@uwlax.edu</a>
Robert Allen	UW-La Crosse	<a href="mailto:rallen@uwlax.edu">rallen@uwlax.edu</a>
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### INTRODUCTION:

1. Mike Adler gave a brief overview of the agenda and goals for the meeting. The following items were noted:
    - a. Review program indicated in the December 2017 10% Concept Report.
    - b. Project schedule indicates an updated DRAFT 10% Concept Report is to be completed by February 2021 with a final submittal in March 2021. From there, more detailed meetings will be held as documents are prepared for Preliminary Review held in June 2021 with Final Review documents submitted in January 2022 in preparation of bidding in April 2022.
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### PROGRAMMING:

1. Scott Schumacher noted the following:
  - a. The intention is to not grow the building program from where it was in 2017, but there is likely to be some adjustments needed.
  - b. Example of a minor adjustment may be increasing a classroom capacity from 30 to 32 as a result of a change in teaching and learning methods.
  - c. Scott added that there are lessons learned from prior projects that will likely influence this project. Scott noted that the building not want to be completely full with no flexibility to grow.

2. Coty Sandberg provided an overview of the current program for Mathematics. The following items were noted:
  - a. Departments were distributed fairly equally in Phase 1, with Mathematics as the exception as they had no labs or any allocated.
  - b. Phase 2 provides more shared opportunities to support the labs in Phase 1.
  - c. Mathematics overview
    - One-third of the program is class labs.
    - One-half of the program is in the office/departmental area.
  
3. Emma Cuciurean-Zapan review the current program for Mathematics in detail. The following items were noted:
  - a. No major changes per Robert Allen.
  - b. Math Education Methods Labs:
    - Department-specific to math education courses. 35sf/station works well for flexible seating arrangements.
    - Storage is critical per Robert for bookcases, manipulatives, etc.
    - Both labs can be used interchangeably.
    - Outreach opportunities.
    - Robert noted that the recent pandemic has not had a major impact on how Math is taught. No change in space needs required.
  - c. Math Education Storage:
    - Provide shelving similar to typical departmental storage room.
  - d. Math Education Support:
    - Currently done in other classrooms, lounge, office, etc.
    - Video prep work. Dedicated space.
    - Lockable.
    - Acoustical separation not a concern.
    - Flexible arrangement for recording. Done with iPad.
    - Similar to lab prep.
  - e. Statistics Consulting Center:
    - Similar to a conference room. (Student Center referenced)
    - Tables, display, etc.
    - Location not critical. Doesn't have to be on same floor as Mathematics. Used often for impromptu meetings with students. Utilization can be sporadic. Scheduled use is hard to determine right now because this space doesn't exist currently. Preference would be adjacent or within the Mathematics area.
    - Privacy vs Transparency? Privacy is needed. Data being analyzed is often times confidential.
  - f. Undergrad Research:
    - Open/transparent.
  - g. Work Room:
    - Mail, printing, sink, microwave, coffee, small refrigerator, and misc. office supplies. Lounge type of setting to be held elsewhere in the building.
  - h. Math Research Team Room:
    - Workstations.
    - Printer.
    - Variety of seating.
    - Student project collaboration.
    - Faculty will hold independent study courses in this space.
    - Transparent (high visibility) "Math on Display" High-traffic location ideal.

- Enclosed vs Open? Computers and technology within the space will require limited access. Students could leave a backpack in this room, go to class, and not have to worry about it. Nooks but organized. Locker potential.
  - Space is used for majors and minors. Card access controlled by Math Dept.
  - Multipurpose type of space.
  - Advanced seminars.
  - "Identity of the Department" "Heart of the Department."
  - Adjacency to Undergrad Research area.
- i. Undergrad Research Library:
- Computer stations.
  - Seating.
  - Tables & Chairs.
  - Bookshelves/resources.
  - Multiple areas to plug-in, particularly at the tables (floor).
  - Tables could be wired/tethered to fixed location. "Zones"
- j. Reception:
- Seating area, primary point of contact.
- k. Department Chair:
- Meeting space needed – Scott noted that 140-150sf may be more appropriate.
  - Department Chair should be in close proximity to the reception area but not within.
- l. ADA:
- Only one space needed, not two.
- m. Faculty/Student Meetings
- Within the office vs other location – Robert noted the desire to "go to students rather than students come to me" approach.
- n. Office Storage could be connected to Work Room in one open room. "hub for conversations"
- o. Offices:
- Book storage for Mathematics faculty is critical. Not decoration. (big concern) Functional furniture and still provide space.
  - Wall space vs window area.
  - Writable surface (significant size desired).
  - 41 allocated is 5 more than currently have. Scott advised leaving as-is for now.
- p. Adjacency Review:
- Office Storage, Printing, Files adjacent to Student Worker/ADA/Reception
4. Collaboration with other departments was reviewed and discussed. The following items were noted:
- a. Café, Faculty Resource Area, Shared Conference Rooms.
  - b. Dependent on number of people.
  - c. Nooks in the hallway, variety of drop-down areas.
  - d. Math tends to interact with Physics and Biology often (personal level, not departmental).
  - e. Writable surfaces in hallways are excellent ways to collaborate impromptu
5. Misc. Instructional Support Spaces were reviewed and discussed. The following items were noted:
- a. Faculty Resource Area – adjacent to Math ideal.

6. Outdoor learning opportunities were reviewed and discussed. The following items were noted:
    - a. Robert discussed how Mathematics would use sidewalk chalk and writable surfaces to take advantage of outdoor learning.
  7. Areas or features important to locating in the Link per Robert are the following:
    - a. Student Resource Room (Math Research).
    - b. Math on Display "student focused".
    - c. Maker Lab.
    - d. Anything that puts students on display should go in the link.
  8. A link to the virtual whiteboard for viewing can be found here:  
<https://app.mural.co/invitation/mural/smithgroup1662/1608046961426?sender=u7109dc06979f23e2f6bb6071&key=d9d133c3-ab5e-4316-8d1e-d1335212c8ea>
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**PROJECT SCHEDULE:**

1. Work Session No. 2:
    - a. Executive Committee Meeting: January 14-15, 2021 (TBD)
    - b. Design Committee Meeting: January 14-15, 2021 (TBD)
    - c. Departmental Review Meetings: January 15-29, 2021
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**OPEN ISSUES:**

1. Currently no open issues.
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*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.*