

SCIENCE EDUCATION METHODS 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 4, 2021

MEETING TIME: 10:00am-11:30am

ATTENDANCE:

Scott Schumacher	UW-La Crosse	sschumacher@uwla.c.edu
Anton Sanderfoot	UW-La Crosse	asanderfoot@uwla.c.edu
Megan Lister	UW-La Crosse	mlitster@uwla.c.edu
Jennifer Doktor	UW-La Crosse	jdoktor@uwla.c.edu
Mike Abler	UW-La Crosse	mabler@uwla.c.edu
Lisa Kobs	UW-La Crosse	lkobs@uwla.c.edu
Shelly Leshner	UW-La Crosse	slesher@uwla.c.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
Ryan McNally	Ring & DuChateau	rmcnally@ringdu.com
Chris Endicott	Ring & DuChateau	cendicott@ringdu.com
Jim Viviano	NV5	James.Viviano@nv5.com

INTRODUCTION:

1. Scott Schumacher provided a summary of the discussions held to date.
 - a. Unique space with adjacent spaces meant to perform different functions.
 - b. Space utilization. Accommodate nutrition and other science education functions.
 - c. Not removing space in Morris Hall.
2. Steve Hackman provided an overview of project examples and how various spaces can be
 - a. Learning Environments
 - b. Adaptable Spaces
 - c. Learning on Display
 - d. Homework assignments

GENERAL DISCUSSION:

1. The Science Education Methods Lab was reviewed and discussed. The following items were noted:
 - a. Architectural/Layout
 - 30 students Science Ed, 24 students Nutrition.
 - Maximize casework and storage.
 - Teaching wall with writing surface.
 - Movable furnishings.
 - Pinup areas.
 - Two entrances into lab. Separate doors into support spaces from lab and hallway.
 - Mike Abler: How many students in the nutrition area?
 - Lisa: Oven desirable to be within the main classroom. Students are the primary user of the oven. Refrigerator should also be in the classroom. Residential, consumer-grade oven.
 - Scott raised an idea of sliding doors to provide a larger opening between the classroom and kitchen area.
 - Scott suggested option of putting nutrition functions in the lab area along the east and west walls and expand the size of the classroom.
 - No cooking occurs outside of 85-minute class time.
 - Two separate support spaces for Science Ed and Nutrition.
 - Megan: Space primarily used as collaborative work space. Movable tables important to Science Education. Megan noted there is a limited need for storage within the classroom as most items are stored in the support space. Scott recommended whiteboard space along north wall and less casework.
 - 3' + 1' door sizes discussed. Not required at this time. Further discussion needed. Potentially at the Science Ed Methods prep from hall and classroom only.
 - Cubby storage needed.
 - b. Laboratory Equipment/Casework
 - Lockable cabinets can keep other students from using the equipment.
 - Electric stove/oven combination unit. Residential hoods to be used.
 - Multiple ovens would be ideal. One at each end would be best.
 - Book storage.
 - Chemical resistant epoxy resin countertops.
 - Power needed in the tables.
 - Storage needed per Lisa (silverware, measuring cups, etc.) Doesn't have to be at the tables necessarily. Located at kitchen areas preferred. Four drawers at each kitchen area would be sufficient.
 - c. Plumbing & Fire Protection
 - 2-3 sinks needed.
 - Handwashing sink needed in the classroom due to food preparation activities occurring in the classroom. Scott recommends two handwashing sinks, one at each kitchen zone on each end wall.
 - No specialized water requirements.
 - ADA requirements to be followed. Scott recommends all 34" high work surfaces. Shallow sinks to be used. Lisa doesn't see an issue with shallow sink. Higher neck faucets needed. Faucet design (lab vs residential).
 - No lab services needed.
 - d. HVAC
 - No specific requirements noted.

- No issues with grease per Lisa. Steam likely but limited amounts.
 - e. Electrical/Telecom
 - Power at tables.
 - Card access required at one door into classroom.
 - No hardwired data needed at workstations.
 - Range requires special outlet similar to residential range.
 - f. Audio-Visual
 - Screens, displays, etc.
 - Screen placement to accommodate entire room.
 - General classroom technology needed.
 - Potential for collaborative workstation technology at back wall.
- 2. The Science Education Methods Prep & Storage space was reviewed and discussed. The following items were noted:
 - a. Architectural/Layout
 - Full height storage needed at two walls.
 - Periodic table hung on wall.
 - Posters.
 - Mike feels there should be space allocated for additional users. Megan can't speak to other users needs.
 - Megan commented that some of the space could be re-allocated to nutrition prep space.
 - Probe track.
 - b. Laboratory Equipment/Casework
 - No specific requirements noted.
 - c. Plumbing & Fire Protection
 - Prep space sinks need to be deeper.
 - d. HVAC
 - No specific requirements noted.
 - e. Electrical/Telecom
 - No specific requirements noted.
 - Card access from hallway.
 - f. Audio-Visual
 - No specific requirements noted.
- 3. The Nutrition Prep & Storage space was reviewed and discussed. The following items were noted:
 - g. Architectural/Layout
 - Support space for nutrition acceptable per Lisa. Size could be reduced.
 - h. Laboratory Equipment/Casework
 - Dishwasher needed.
 - Stainless steel counters.
 - UWL-provided appliances.
 - i. Plumbing & Fire Protection
 - Spray hose at three compartment sink.
 - Grease trap needed at three-compartment sink.
 - j. HVAC
 - No specific requirements noted.
 - k. Electrical/Telecom
 - No specific requirements noted.
 - Card access from hallway.
 - l. Audio-Visual

- No specific requirements noted.
4. The Faculty Education Methods space was reviewed and discussed. The following items were noted:
- m. Architectural/Layout
 - Computational functions. Six workstations sufficient. Space to allow for student collaborations.
 - Direct access to classroom not required.
 - Middle school/high school space for research.
 - n. Laboratory Equipment/Casework
 - No specific requirements noted.
 - o. Plumbing & Fire Protection
 - No utility/services needed in this space.
 - p. HVAC
 - No specific requirements noted.
 - q. Electrical/Telecom
 - No specific requirements noted.
 - r. Audio-Visual
 - No specific requirements noted.
5. The Student Education Methods space was reviewed and discussed. The following items were noted:
- s. Architectural/Layout
 - Guideplate information accepted as illustrated.
 - No specific requirements noted.
 - t. Laboratory Equipment/Casework
 - No specific requirements noted.
 - u. Plumbing & Fire Protection
 - No specific requirements noted.
 - v. HVAC
 - No specific requirements noted.
 - w. Electrical/Telecom
 - No specific requirements noted.
 - Card access required.
 - x. Audio-Visual
 - Guideplate information accepted as illustrated.
 - No specific requirements noted.
6. Refer to attached drawings for additional review comments recorded during the meeting.
7. 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		
-	No action items noted.	-

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.