river ARCHITECTS

University of Wisconsin – La Crosse
SCIENCE LABS BUILDING – PHASE 2
DFDM# 13B3H-02 / RA# 1290.B
November 27, 2017

MEP REVIEW MEETING / NOVEMBER 27, 2017

MEETING START TIME: 8:00 a.m.
MEETING END TIME: 10:00 a.m.

PRESENT:

University of Wisconsin – La Crosse		
Scott Schumacher	Planning & Construction	sschumacher@uwlax.edu
Doug Pearson	Facilities Planning & Management	dpearson@uwlax.edu
Dennis Rodenberg	Senior Facilities Engineer	drodenberg@uwlax.edu
Brad Delaney	Assistant Director of Network Services	bdelaney@uwlax.edu
Scott Brown	Building Maintenance Manager	sbrown2@uwlax.edu
Design Team		
Mike Adler	River Architects	m.adler@river-architects.com
Jeff Kocinski	SmithGroupJJR	jeff.kocinski@smithgroupjjr.com
Jeff Saunders	Ring & DuChateau	jsaunders@ringdu.com
Ryan McNally	Ring & DuChateau	rmcnally@ringdu.com
Chris Ulm	Ring & DuChateau	culm@ringdu.com
Jim Mickowski	Thunderbird Engineering	jimm@thunderbirdeng.com

NOTES:

1. The concept design was reviewed and discussed. The following items were noted:
    a. Utility service entrances at south side of lower level with mechanical room on north side.
    b. Mechanical penthouse at roof similar to that of Phase 1.
    c. Scott Schumacher and Doug Pearson advised that a repelling area needs to be provided from the roof.

2. Building system concepts were reviewed and discussed. The following items were noted:
    a. Separate services will be provided for Phase 2, including steam, chilled water, power, signal, water, and sewer.
    b. Chris Ulm described the fire alarm system as being separate from Phase 1, but will be tied together. New panels will be provided at this time for Phase 2.
    c. Scott Schumacher to contact the La Crosse Fire Department for the recommendations of logistical issues such as panel locations and hose connections.
    d. Electrical service will be indicated in the concept report as being tied to the existing feeder for Cowley Hall. Chris Ulm indicated that further evaluation of the performance of Phase 1 will be needed in the future once the building is online.
    e. Two new generators are proposed to be located in the northwest corner of the lower level and will not be tied into the emergency power of Phase 1.
    f. Power and signal services will enter building at west-southwest corner.
    g. Plumbing, steam, and chilled water services will enter building at the south.
    h. Dedicated air handling system provided for animal facility.
    i. Electrical panels will be distributed throughout, located within closet spaces rather than exposed to corridors.

j. Mechanical penthouse will include three non-manifolded air handling units and space for plumbing and electrical equipment.
k. Heat recovery chiller proposed for Phase 2 and will be located in the lower level.
l. IT cabinet to be located in the electrical room within the penthouse.
m. HVAC distribution system to be similar to that of Phase 1. Offices will be grouped from a controls standpoint with corner offices individually controlled. UWL has no need for individual controls in general offices beyond corner spaces. Wall fin radiation units will likely be needed throughout.
n. Scott Schumacher expressed concern with ceiling heights and maintenance.
o. Scott Schumacher noted that ceilings need to be closed adjacent to shafts and large inlets above ceilings.
p. Temporary heat required for steam shut-down at the greenhouse and animal facility.

3. The plumbing and fire protection design concept was reviewed and discussed. The following items were noted:
   a. RO unit to be provided in the lower level for the greenhouse and animal facility. A second unit may be located in the penthouse.
   b. Sewage ejector with slicer blades will be provided for animal facility.
   c. New storm and sanitary to be provided for Phase 2.
   d. Water service to be evaluated – extension of Phase 1 service vs new.
   e. Hot water service needed year-round for animal facility.
   f. Compressed air requirements to be determined.

4. Scott Schumacher reviewed the project timeline. The following items were noted:
   a. UWL is in the process of finalizing its 6-year capital plan.
   b. Science Labs Phase 2 is the UWL's highest priority project for the 2019-2025 planning cycle.

Meeting Notes by: River Architects

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.