



UW-LA CROSSE ACADEMIC BUILDING
DSF #05I3O
RA #1213
October 22, 2007

PLANNING COMMITTEE CONCEPT REVIEW MEETING #6 / October 22, 2007

MEETING START TIME: 11:00 a.m.

MEETING END TIME: 1:30 p.m.

<u>PRESENT:</u> Bill Colclough	Interim Provost and Vice Chancellor for Academic Affairs
Matt Lewis	Director of Campus Planning and Facilities Management
Karen McLean	College of Science & Health – Interim Dean
Ruthann Benson	College of Liberal Studies – Interim Dean
Billy Clow	College of Liberal Studies – Interim Associate Dean
Paula Knudson	Student Development/Academic Services - Dean
Chris Bakkum	Interim Registrar
Bob Hetzel	Vice Chancellor - Administration & Finance
Elena Bantle	Student / Environmental Council
Bjorn Bergman	Student / Environmental Council
Lauren Prentice	Student
Larry Earll	DSF / Project Manager
Valentine J. Schute, Jr.	River Architects
Mike Adler	River Architects
Bill Holub	Arnold & O'Sheridan/Sustainability

MEETING NOTES:

1. The following information was distributed at the meeting for review and discussion:
 - a. Meeting Agenda
 - b. Planning Committee Concept Review Meeting Notes dated October 1, 2007.
 - c. Design Concept G-Revised Floor Plans and Elevations (11x17)
 - d. Program versus Scheme G-Revised Area Comparison Matrix
2. Matt Lewis updated the committee on the progress of the project. Matt informed the committee that a sub-committee is being formed to address classroom design and technology.
3. Val Schute of River Architects reviewed the meeting notes from the October 1st Concept Review Meeting #5. Notes were approved.
4. Design Concept Scheme G-REVISED Plan review and discussion:
 - River Architects was advised to reduce the gross square footage of the building. To do so, the plans presented addressed three areas:
 - Corridors reduced from 10 feet to 8 feet.
 - 4 foot wide strip running through east-west was taken out of main lobby space on Levels 1-4.
 - North wall moved to the south by 2 feet reducing ten (10) 64 seat classrooms

to the programmed assignable square footage.

- Other areas to be looked at include the mechanical rooms in the basement and the stair towers.

Arnold & O'Sheridan has done a comparison of the mechanical room sizes to a project that they recently worked on at UW-Whitewater. The square footage assigned to the mechanical space is similar in size based on percentage of the overall square footage. The New Academic Building HVAC design includes Energy Recovery Units (ERU) that enlarge the size of the mechanical rooms. The decision to use these units and their benefit is still under discussion.

- Committee members would prefer the wider stairs be located at the northwest corner stair and the east stair at the main entrance off the mall.
- Departmental design development will be done at a one-on-one basis with each department and the architect.
- The Counseling and Testing department will have a modification to its program needs, but not an increase or decrease in square footage. UWL to provide this information to the architect as soon as possible.
- Entry doors shown into departments are only preliminary. As departments are developed, these doors will be positioned to meet the program needs and the design layout.
- The future expansion area at the fourth floor to the south of the College of Science & Health-Dean's Office (COSH) will impact the department when the expansion occurs. The COSH department will be redesigned when the university decides to add on to this floor.

5. Design Concept Scheme G-REVISED Elevation review and discussion:

- River Architects presented four variations of the east and north elevations.
- The addition of metal panels shown at fourth floor was not favored due to a concern for too many materials.
- Some committee members would like to see more traditional detailing similar to Graff Main Hall or even Wittich Hall.
- The north elevation-option 1, was viewed as being similar to a hospital, jail, or an addition, by some members.
- Committee members would like to see the elevations along with photographs of the surrounding buildings to see how they compare.
- Incorporate more windows into the stair towers.
- Committee members would like the black and white images rendered in color for accurate comparisons.
- Develop main entry facade to be more traditional.
- Committee members liked the idea of amount of natural light coming into the main lobby space through the glass wall at the main entry. DSF commented that the amount of glass will affect the heating and cooling loads in that area.
- The stone panels used at the stair towers seemed too massive to some committee members.
- Window heights were questioned and verified. The current elevations have the window sills between 3 and 4 feet off of the floor with the window heads at 12

feet above the floor.

6. Bill Holub of Arnold & O'Sheridan presented multiple daylighting models to discuss the amount of daylight being utilized in the classrooms.
 - North and south facing windows are ideal.
 - Currently, 60% of the classrooms have a north or south exposure.
 - Daylighting is a more efficient method of reducing energy use than items such as energy recovery units in the hvac system.
 - Faculty will need to be educated so they understand the systems in each space.
 - Input from engineers, A/V consultants, students, and faculty is needed and each will likely have a different approach for daylighting.
 - Can the A/V controls be automatically controlled?
 - Maintenance costs versus investments costs versus energy savings costs needs to be determined.

In addition to the results of the energy simulations the following additional items were discussed regarding day lighting:

- The 27% of electrical savings for day lighting versus no day lighting and the 22% decrease for north-south exposure versus east-west exposures represents a significant energy savings opportunity. In comparison, energy recovery systems are expected to decrease electrical use by 5% to 10%, and heating energy by a similar 5%-10%. The 27% percent electrical savings for day lighting would be equivalent to the energy provided by a 200-250 kW photovoltaic (PV) solar panel array.
- The savings would be expected to be similar for office spaces.
- Including day lighting provisions (glazing and controls) will only be effective if the spaces are used properly. This may require an educational process and changes to expectations for the spaces.
- The requirements for AV presentations will also impact the effectiveness of day lighting strategies for the spaces. The design for the classrooms requires full input from engineers, A/V consultants, students, and faculty to make the best use of day lighting opportunities. However, in general, glare issues will have greater effect on the AV use of a space rather than for a standard lecture. Therefore, north facing classrooms and well controlled south facing classrooms have advantages over east and west orientations in regards to the AV capabilities.
- The A/V controls will be reviewed with A/V consultant classroom sub-committee.

7. Upcoming meetings and agendas are as follows:

- November 5, 2007 Planning Committee Concept Review Meeting #7
11:00am to 1:00pm
Cartwright Center, Rm. 326

- November 19, 2007 Planning Committee Concept Review Meeting #8
11:00am to 1:00pm
Cartwright Center, Rm. 326

Meeting Notes by: Michael J. Adler, Associate AIA

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.

- c. Matt Lewis/UWL
Larry Earll/DSF
Maura Donnelly/UWSA
Val Schute/River Architects, Inc.
Clint Rasmussen/River Architects, Inc.
Alex Barghout/Arnold & O'Sheridan, Inc.
Bill Patek/JJR, LLC
Mike Bohlmann/PSJ Engineering, Inc.
Ian Griffiths/Berners-Schoeber Associates, Inc.
Phil Roeglin/Professional Audio Designs, Inc.
Dennis Johnson/Ayres Associates, Inc.