



#### **MEETING MINUTES**

Meeting Date: Thursday, January 5th, 2017 – 10:30–12:00

DFD Project Number: 14120

**Project:** Wittich Hall Renovation

**Location:** DFD – 101 East Wilson St. Room 721

**Purpose:** Wittich Hall – Review Meeting

Prepared by: Michael Eberle, AIA

### Attendees/Contact Information:

	Name	Company	Phone	Email
Χ	Chip Brown	Wisconsin Historical	(608) 264-6508	chip.brown@wisconsinhistory.org
		Society		
X	Jen Davel	Wisconsin Historical	(608) 264-6490	jen.davel@wisconsinhistory.org
		Society		
Χ	Maura Donnelly	UW System Administration	(608) 263-5742	mdonnelly@uwsa.edu
Χ	Cathy Weiss	UW System Administration	(608) 263-4417	cweiss@uwsa.edu
X	Scott Schumacher	UW-LAX Planning &	(608) 785-8916	sschumacher@uwlax.edu
		Construction		
Χ	Craig Weisensel	DFD	(608) 261-7754	craig.weisensel@wisconsin.gov
Χ	Nate Novak	SmithGroupJJR	(608) 251-1177	nate.novak@smithgroupjjr.com
Χ	Doug Pahl	Aro Eberle Architects	(608) 204-7464	pahl@aroeberle.com
Χ	Mike Eberle	Aro Eberle Architects	(608) 204-7464	eberle@aroeberle.com
Χ	Christine Pearson	Aro Eberle Architects	(608) 204-7464	pearson@aroeberle.com
Χ	Val Schute	River Architects	(608) 785-2217	v.schute@river-architects.com
Χ	Mike Adler	River Architects	(608) 785-2217	m.adler@river-architects.com

The purpose of this meeting was to review the previous meeting discussion, present proposed treatments for various historic elements and discuss direction moving forward to the 35% Review Package.

### Introduction

- 1. An agenda for the meeting was distributed prior to the meeting.
- 2. The meeting began with introductions of all team members present.

### Site Work

- 1. Nate Novak reviewed the site work agenda and site goals.
- 2. Current vegetation and historic context was reviewed including removal of trees along the west side of the building.
  - a. Removal of trees will reestablish focus on the primary west side entries.

- b. Nate reviewed paths from other buildings for students / faculty utilizing the building.
- 3. The previous site concept was reviewed including the raised plaza that blocked the view of the building's base.
- 4. The new site concept shrinks and lowers the north portion of the plaza allowing for more of the building base to be exposed. The NW exterior stairs will be replaced with cheek walls (in contrasting materials and details) in similar configuration to the original NW entry sequence.
- 5. The new SW entry will serve as the primary accessible entry to the building and allow universal access to the building and the exterior event space. The team will work to eliminate the need for as many guardrails as possible.
- 6. It was noted that the window wells round the building are all existing and that grade immediately adjacent to the building is primarily unchanged. Lower plant materials along the building will be proposed.
- 7. The SE entry new concept was reviewed. This will serve as an additional accessible entry and is located closest to accessible parking. The new configuration is intended to feel as though it is not an entry only for handicapped individuals.
- 8. Grade along the sidewalk is being raised slightly to make grades work for equal access for all.

  Nate noted some limitations with the existing windows on the 1930s wing.
- 9. Discussion / Reaction
  - a. Good change from last time. Looks good. Less concern.
  - b. Site materials were briefly discussed. Precast, cast stone or natural stone (not limestone) are being proposed. Benches will not include wood per last review with campus. No replication of historic details is intended. Style will be contemporary.

#### Envelope

- 1. Val Schute reviewed the existing condition of the envelope and noted that it is in good shape. Stewardship of what exists is the primary goal.
- 2. Mike Adler reviewed the previous meeting discussion and preservation strategy for the exterior.
  - a. He noted that the exterior walls are solid masonry with a plaster interior, and 3-wythe brick/limestone façade.
  - b. There is no insulation in the existing walls and the interior plaster will be repaired.
  - c. The brick will be cleaned and the project is currently planning to repoint approximately 40% of the brick joints.
  - d. The limestone will also be cleaned and the broken panels repaired / replaced.
  - e. The result of the Harvey Hall brick cleaning was reviewed and noted as the expectation for this project. A water and vinegar solution was used. Mike noted that graffiti was left on the back of the building where the vinegar / water solution was not effective. Jen Davel mentioned hearing the use of white vinegar and water on projects.

- 3. The scope of the roof work was reviewed.
  - a. A complete re-roof of the building is planned.
  - b. Insulation will be added to the roof where possible and is limited by the existing parapet heights.
  - c. New flashings will be added under the existing limestone coping.
  - d. Drawings / details of the 1980s re-roof were reviewed including added plywood backer panel at the back of the parapets.
  - e. The 1930s wing wood roof deck was covered on the interior by an acoustical panel at some point. The team is interested in removing a portion and reviewing the condition of the existing deck. If the wood deck is found to be salvageable, it will be restored and expressed in the new design as originally intended in the 1930 addition.
- 4. The scope of window work was reviewed.
  - a. More windows are being replaced than previously presented. More than half (52%) of the current windows are not original. The project is proposing 100% replacement.
  - b. Mike presented before / after Harvey Hall window photos.
  - c. He noted that there is a difference in the window detailing between the 2 wings. The 1930s wing has sash lugs and the 1916 does not. The interior profile of the window sashes varies slightly between the two wings of the building and will be considered for replication as the design moves forward. The proposal is to replicate original design and uniqueness of each wing.
  - d. All original windows had diffused glass. Per previous discussion, the team will proceed with clear insulated glass at all windows. No color glass is anticipated. Glass with a Visual Light Transmittance (VLT) of 72% was noted as being the compromise between DFD / WHS on previous projects this team has worked on.
  - e. Mike reviewed the documentation methodology that is involved with replicating the original windows and understanding the construction and installation methods used. At some point in the near future, a number of windows will be removed to better determine and document exactly the scope of the window replacement efforts.
- 5. Interior window trim was reviewed.
  - a. The 1916 wing windows were noted as having interior casing.
  - b. The 1930 wing windows have plaster returns (no casing) with a simple molding.
  - c. Screens that were added to the project at some point, obscure the arch top of the existing windows and are not intended to be replaced.
  - d. Window profiles were reviewed. Muntins could be applied lead and do not appear to be part of a true divided light. Manufacturers have confirmed that they can replicate profiles and make flat muntins that very closely replicate the existing.
- 6. Chip Brown noted that they do a historic review of these projects in a vacuum, but knows that the end product needs to meet the needs / goals of the campus. Window repair is the recommendation of Secretary of the Interior *Standards* and is what they will always

recommend. Replacement of the windows will be noted as "an adverse effect". He noted that there are various "mitigation" solutions that can be requested to help.

- a. It was noted that this is a substantial public building with public benefit. Examples of what could occur include:
  - i. Photo documenting the building.
  - ii. Creating a display inside. An example is the UW-Madison Memorial Union which has undergone lots of significant changes.
  - iii. Avoid, minimize or somehow address the issue.
- b. Windows in the UW-Madison SOHE project were mandated that campus put storm windows on. This is not the direction DFD, nor UWL, wants to proceed with, and both recommend replacement vs repair and ongoing maintenance.
- c. Jen noted that windows are a "character defining feature" of the building. If repair and restoration of the original windows will not be considered, then replacement units with details matching as closely as possible to the original would be an acceptable strategy for this project to proceed.
- 7. The scope of the door work was reviewed.
  - a. Replacement of all the doors are planned with metal clad wood doors matching the details of the original.
  - b. Approach was noted as being good and was appreciated.
- 8. The flag pole on the 1916 wing was briefly discussed. It was noted that there are no buildings with flags on campus. WHS noted that there is a trend toward adding poles back on buildings. It was noted that if the flag is up all night, then a light needs to be added. A pole could be installed without a flag as well. No decision was made on whether it will be reintroduced or not.
- 9. Light monitors, replacing the skylights, were briefly discussed and were not visible in the perspective view presented. See additional comments regarding light monitors later in the meeting minutes.
- 10. Exterior light fixtures at the primary entries are shown in 2 places during 2 different periods. The earliest photographs of the building indicate two globe-style wall sconces flanking each entrance while later photographs show a single globe fixture over the door. Today, there is a single fixture over each door that is non-original and will likely be removed. The Design Team is looking at options to recreate the original appearance and will be included in the 35% Review Package.

#### Interior

- 1. Doug reviewed several items from the previous meeting.
  - a. He noted that we heard at the last meeting that is was okay to add a floor within the gymnasium spaces in each wing.

- b. At the prior meeting we were removing all the existing stairs and heard that the west stairs should be kept and are part of the original ascension experience to the 2<sup>nd</sup> floor gymnasium spaces.
  - i. A new compromise approach was presented.
  - ii. NW stair will be preserved the best we can and will keep the bench. This stair will be utilized as an egress stair and need an exit from the basement. We propose adding a run of stairs to the basement.
  - iii. In the SW entry lobby we are showing the north lobby wall as being removed to open the space to the level below. This stair will not be used as an egress stair.
  - iv. Both east stairs are being eliminated.
- c. New floors and roof monitors were reviewed.
  - i. New floor over the pools is being added on the first floor in both wings.
  - ii. New floor is being added at the third floor level in the gym spaces.
    - 1. A 5 foot space between the slab edge and the exterior wall is being utilized at areas where the new floor level is mid-height in the existing windows.
  - iii. 3<sup>rd</sup> floor offices will be capped and the desire is to maintain visibility of the trusses and the entire gym volume.
  - iv. Detail, height and shape of the roof monitors is evolving and will be presented at 35%.
- d. 1<sup>st</sup> floor interior perspective view was reviewed.
  - i. Replicating the volume found in several locations.
  - ii. Keeping all historic detail on the interior of the exterior walls. Only furring out exterior walls on the Lower Level.
  - iii. Programming in the Lower Level has changed since the last time we met with more classroom / student spaces added. Also the elevator has moved slightly.
  - iv. WHS recommends mitigation for adding this "non-original" hole in the first floor to capture the history of the building. The location along the south wall of the 1930 wing, second (gymnasium) floor, has been identified as the "history" wall for display and is also the location that will highlight the 2-story volume of the existing gymnasium.
- e. 3<sup>rd</sup> floor interior perspective view was reviewed.
  - i. Doug indicated reuse of some of the track hardware for hanging the stair from the structure above. The intent is to detail in a more modern interpretation of the existing. Also intend to reuse plank from the track for the landing structure and detail in a modern manner.

- 2. Jen noted that a few things stuck out on the interior during her review.
  - a. She noted concern with the importance of circulation in the more public parts of the building.
  - b. Concern was noted about the new floor opening to the basement as this is not original to the building.
    - i. The center space (where the floor opening is being proposed) was the locker rooms on the first floor.
    - ii. She asked how does the floor opening relate to the historic floor plan and did not see connection to the historic use and was concerned with the lack of historic character with the new floor opening.
    - iii. She noted concern regarding changing the experience from the primary entry by eliminating the masonry wall and adding the floor opening.
      - 1. 2 west stair vestibules w/ terrazzo floor material were the defining parts of these entry zones, then the material changed as you turn right or left.
  - c. She asked if we could keep the original defining wall of the Pool? This was not thought to be possible with first floor program requirements.
  - d. It was requested whether we could keep more of the historic defining features / character and then move to the new glass/modern interior features.
  - e. Doug noted that the new goals for the project / program are in conflict with some historic features.
  - f. More definition to the entry was requested. Adding the wall back along the north edge of the SW entry to define entry was agreed upon. The group discussed removing the bench and utilizing that point as access to the open stair. This direction was ok with all.
    - i. The group also agreed to patching the terrazzo to match the existing where the elevator was installed in the 1970s.
- 3. In the 1916 wing, WHS is ok with track removal and the new 3<sup>rd</sup> floor layout replicating the track with offices wrapping the perimeter with a floor opening in the center.
- 4. When looking at the project as a whole ideally the gym spaces should ideally be kept in tack, but WHS understand this in not possible with the reuse of the building, so they are giving some latitude on this item.
- 5. In the 1930 Gym, WHS wants more experience with the whole volume of the old gym and requested that the team look at eliminating the program space from the west end of the gym and combining that 2-story space with the 2-story space along the south side.
  - a. A picture of the Zimmerman office was shown and noted as being a "gold standard" of how to insert a floor in a historic volume.
  - b. The Red Gym was also briefly mentioned.

- 6. It was also requested that the team consider keeping the original gym floor intact. Adding material like carpet over in office spaces was thought to be acceptable?
- 7. The existing quantity of skylights was reviewed. In the previous meeting, one of the skylights was proposed to be converted to a mechanical louver. This location is not feasible. All nine existing skylights will be replaced with light monitors.
  - a. There was no concern as long as the original size and rectangular shape of the skylights was kept.
  - b. It was agreed that vertical glass is better that horizontal. WHS noted that the skylights on their building were converted to light monitors with vertical glass.
  - c. It was requested that the light monitors be clad with a matte finish material (not shiny). Zinc or zinc-like finish was discussed and was acceptable.

### Summary / Next Steps

- The group discussed making plan changes and submitting sketches/ drawings back to WHS
  for review as soon as possible. It was noted that "no form" would be required for this
  review.
- 2. The next official submittal of the 35% package is planned for May 2017.

Attachments: PPT presentation dated 170105
Progress Drawing Set dated 170105

Cc/Not in Attendance: All present, Executive Committee and Design Team

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WISCONSIN HISTORICAL SOCIETY REVIEW 2 - 1/5/17



## WHS REVIEW 2 AGENDA

- Introductions (5 minutes)
- Site Work (15 minutes)
- Envelope (30 minutes)
- Interior (30 minutes)
- Summary / Next Steps (10 minutes)







### AGENDA - SITE WORK

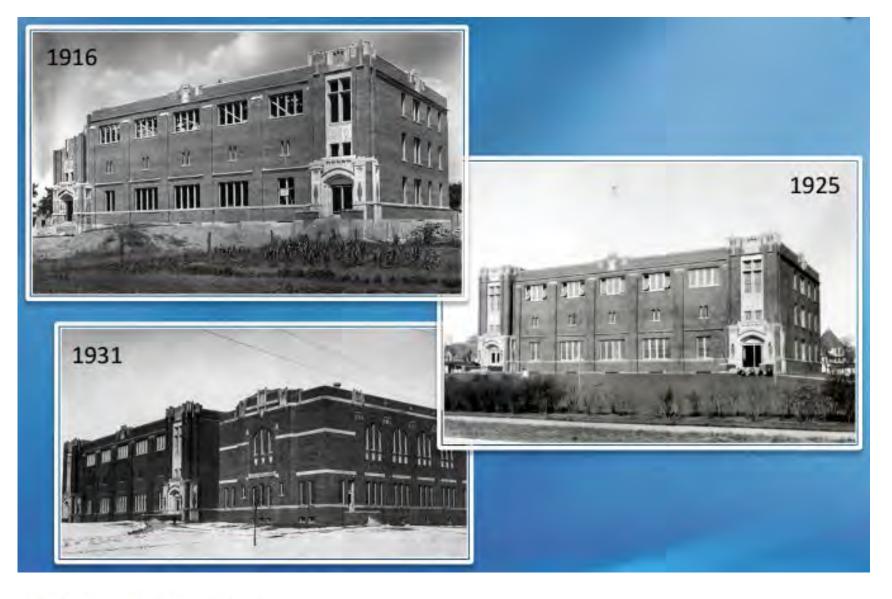
### 1. Site Goals

- a. Open Views to building, re-establish connectivity to campus
- b. Re-establish building entries create focal entry experience
- c. Balance symmetry of the building mass
- d. Honor historical building context grounded
- 2. Review previous meeting discussion
- 3. Present current approach
- 4. Discussion





## WEST ELEVATION – HISTORICAL PERSPECTIVE



### Historical Context

- 1. Open views of building
- 2. Stately presence of building on a hill
- 3. Building is grounded

### Site Goals:

- Open up views to building, re-establish connectivity to campus
- 2. Create focal entry experience re-establish building entries
- 3. Balance symmetry of the building mass (1930 addition)
- 4. Honor historical building context maintain grounding





## WEST ELEVATION + ADDITION - ASYMMETRY







## WEST FOUNDATION CURRENT







## WEST ELEVATION – CURRENT VIEW FROM MALL



Current building is obscured by dense vegetation







## TREE CANOPY - PROPOSED REMOVAL







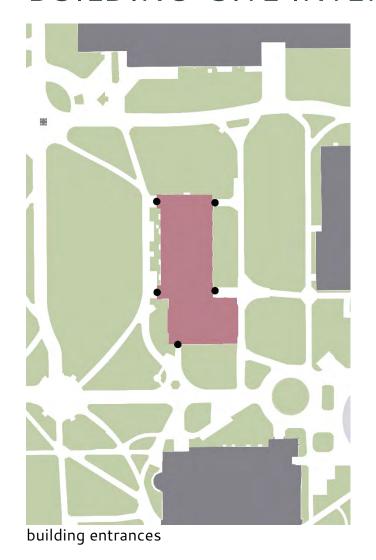
## TREE CANOPY - TREES TO REMAIN





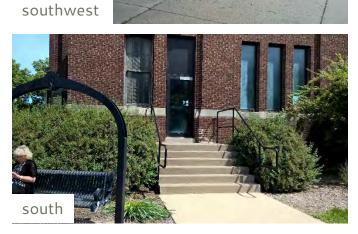


## BUILDING-SITE INTERFACE











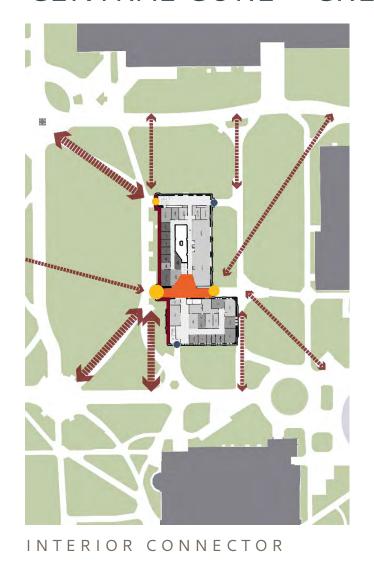


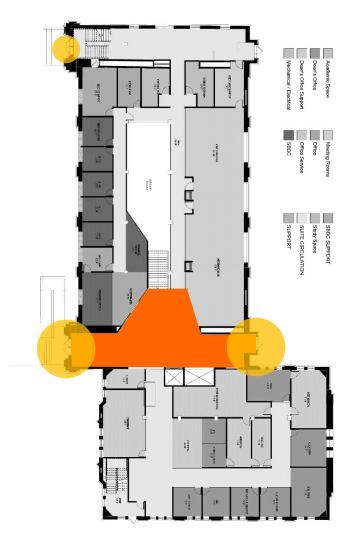






## CENTRAL CORE – CREATE FOCAL IDENTITY

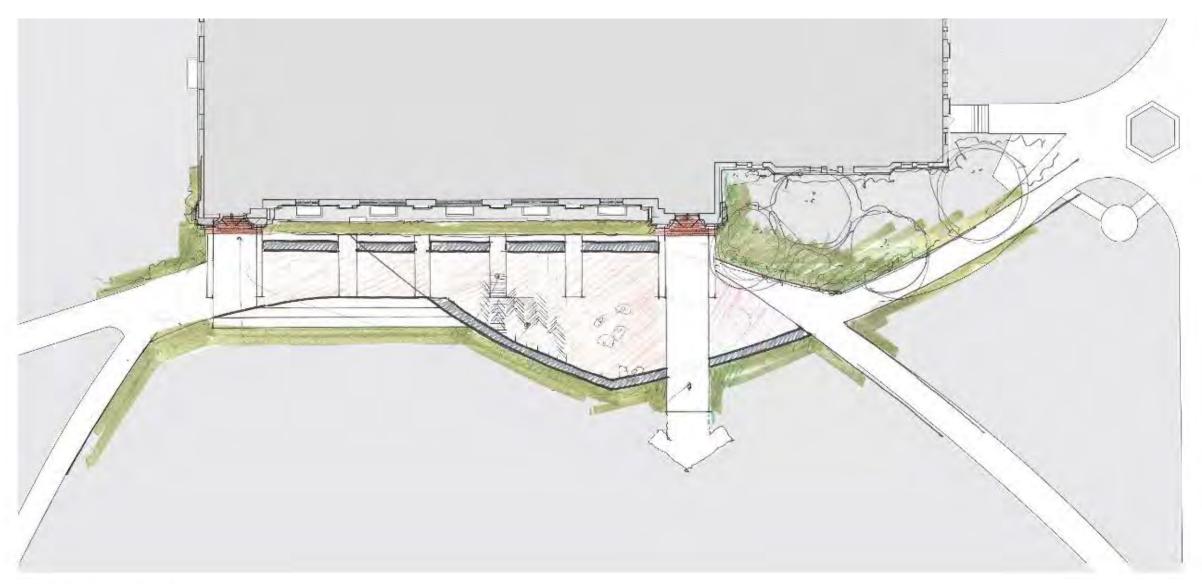








## WEST ELEVATION – PREVIOUS CONCEPT







## FEEDBACK TO DATE

- 1. Maintain historical perspective of building stature grounded, formal entries
- 2. Reconnect building to Campus fabric
- 3. Provide exterior space for events / functions plaza
- 4. Provide universal access to building

### Site Goals Revisited:

- a. Open views to building, re-establish connectivity to campus
- b. Create focal entry experience, re-establish building entries
- c. Balance symmetry of the building mass
- d. Honor historical building context grounded





# WEST PLAZA







## **WEST ELEVATION**







## NORTHWEST ENTRY







## NORTHWEST ENTRY







## WEST MAIN ENTRY







## WEST MAIN ENTRY







## UPDATED SITE DESIGN









LA CROSSE



WITTICH HALL RENOVATION

## EAST PLAZA - EXISTING







## EAST PLAZA







## UPDATED SITE DESIGN: EAST ENTRANCE







# **DISCUSSION**













## EXTERIOR RESTORATION/REHABILITATION

## Scope of Work Summary – Exterior

- Walls
- Roofs
- Doors
- Windows
- Roof Monitors







## EXTERIOR RESTORATION/REHABILITATION - WALLS

- Brick
- Limestone
- Plaster
- Brick Wainscot @ Gymnasiums
  - Express vs Preserve and Cover
- Thermal Performance Evaluation
  - No proposed insulation to be added to wall system



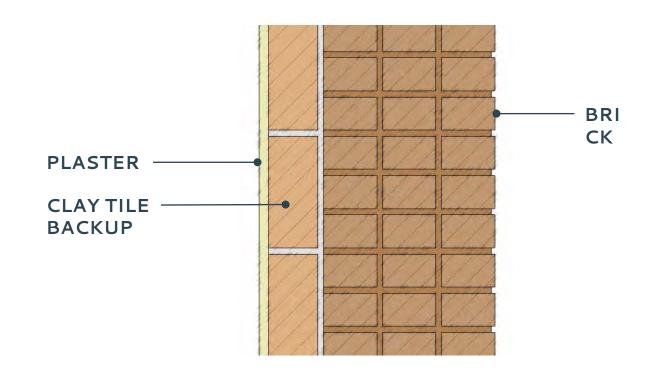






## EXTERIOR RESTORATION/REHABILITATION - WALLS

- Brick Masonry Restoration
  - Clean 100% of brick exterior
  - Pointing of 40% of brick joints
- Limestone Masonry Restoration
  - Clean 100% of limestone
  - Pointing of 100% of limestone joints
  - Stabilization of broken limestone panels
- Plaster Restoration







## EXTERIOR RESTORATION/REHABILITATION - WALLS











## EXTERIOR RESTORATION/REHABILITATION - ROOFS

- Existing Construction (1916)
- Existing Construction (1930)
- Plaster Restoration @ Ceilings
- Proposed Scope
  - Complete Re-Roof
  - New Flashings
  - Added Insulation Thickness Where Possible
- Light Monitors
- Thermal Performance Evaluation

Historic Structure Report:Page

Preservation Plan: Pages 32-33 Drawings: AD104, A104

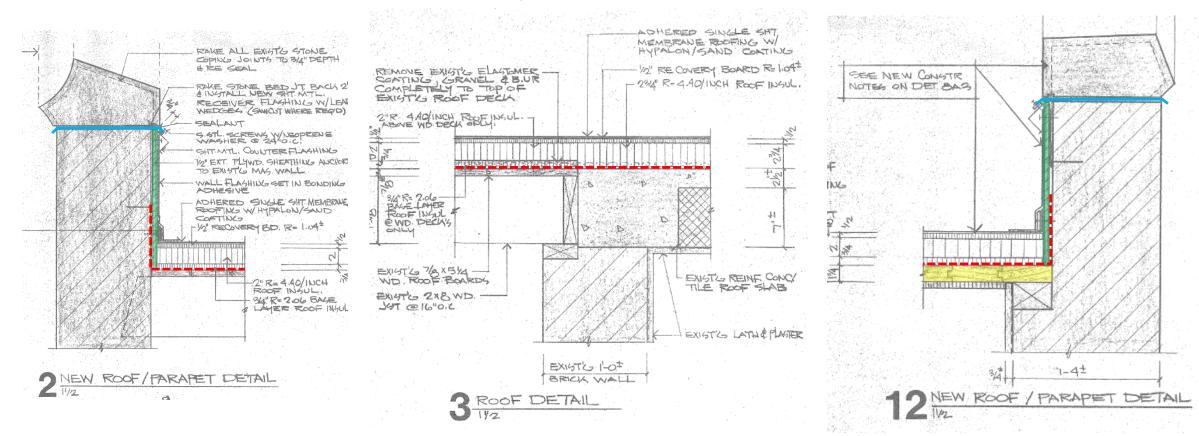








#### EXTERIOR RESTORATION/REHABILITATION - ROOFS



- Insulation thickness ranges from 2" to 2 ¾" (4" min. recommended). Challenges with vertical height at various parapets.
- 1930 Gymnasium has 1 ¾" structural wood decking that was originally exposed and has since been covered (highlighted in yellow).
- Verification needed if plywood sheathing was installed at back of parapets as detailed (highlighted in green).
- Installation of vapor barrier membrane will be included in roofing work (shown in red) along with flashing beneath stone coping



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LA CROSSE

Historic Structure Report: Page 40

Pages 32-33

AD104, A104

Preservation Plan:

Drawings:

#### EXTERIOR RESTORATION/REHABILITATION - WINDOWS

- Existing Construction
- Historic Profiles
  - Muntin Bars
  - Exterior Casings
  - Interior Casings
  - Interior Sills
- Proposed Scope
  - 100% Replacement
  - Pending WHS Decision
- Shared Experiences

Historic Structure Report: Page 33
Preservation Plan: Pages 18, 24–31
Drawings: A501, A502



UW-Stout Harvey Hall - Historic Photo



UW-Stout Harvey Hall – Prior to Renovation





### EXTERIOR RESTORATION/REHABILITATION - WENDOWS

Preservation Plan: Pages 18, 24-31

- Window Evolution
- Replacements & Retrofits
  - Over 50% are Non– Original Units
- Historic Profiles
  - 1916 vs 1930
- Sash Lugs
  - 1930 Addition Only
- Glass Type
  - Clear (Diffused Original)
  - Visible Light Trans: 72%





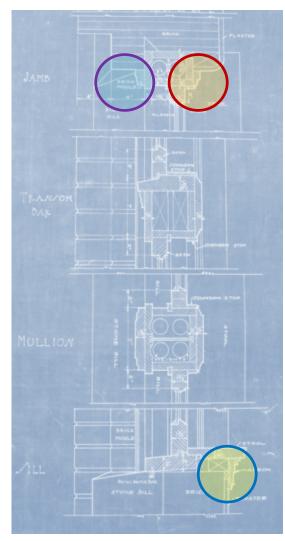






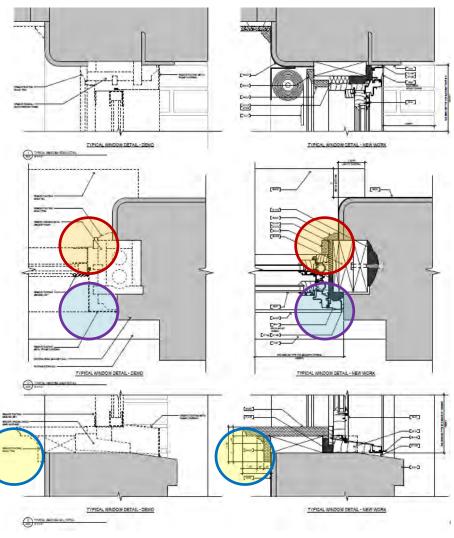


#### EXTERIOR RESTORATION/REHABILITATION - WINDOWS



UW-Stout Harvey Hall - Historic Drawing





UW-Stout Harvey Hall - Window Drawings

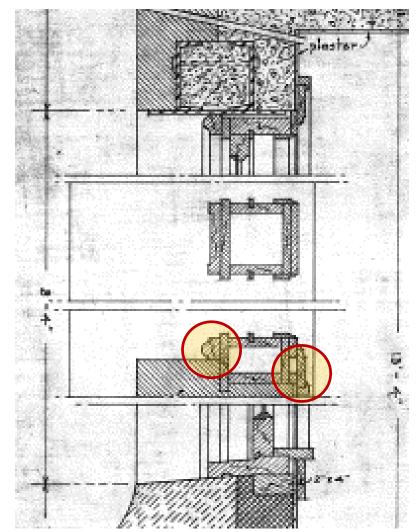


UW-Stout Harvey Hall - Completion

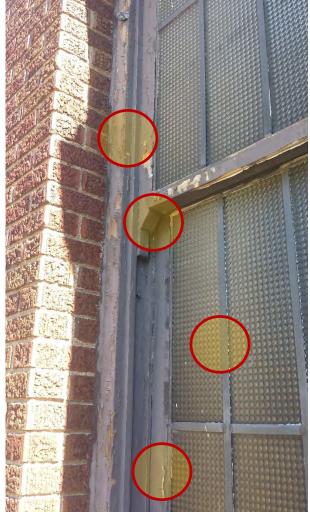




## EXTERIOR RESTORATION/REHABILITATION - WINDOWS Preservation Plan: Pages 18, 24-



Wittich Hall - Historic Drawing





Wittich Hall – Original/Existing Window Wittich Hall – Original/Existing Window



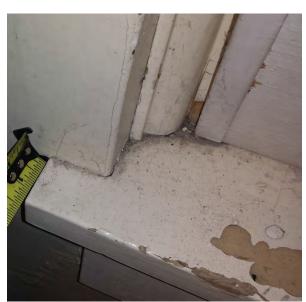
WITTICH HALL RENOVATION



# EXTERIOR RESTORATION/REHABILITATION - WINDOWS Preservation Plan: Pages 18, 24-







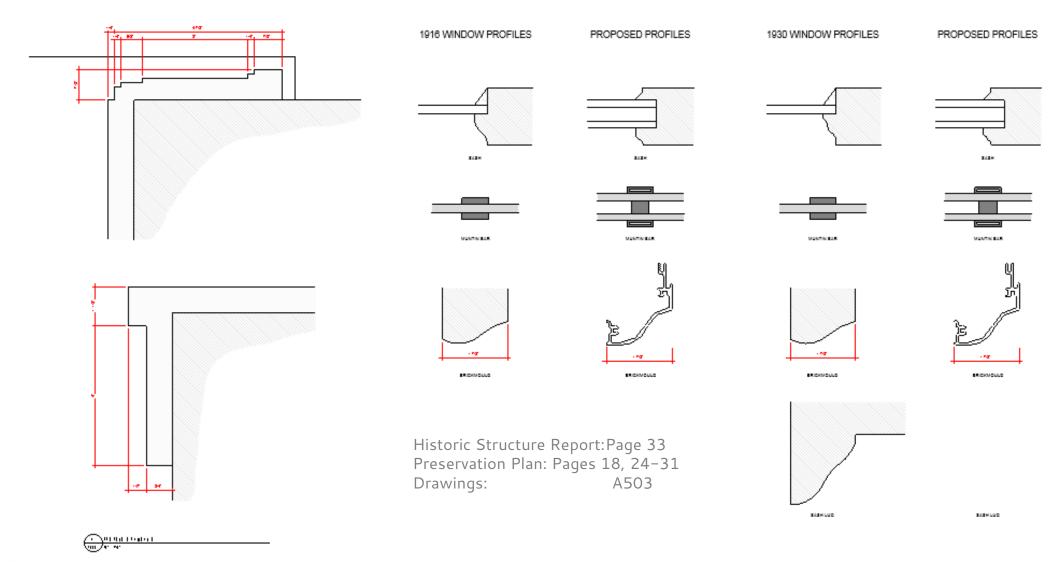








#### EXTERIOR RESTORATION/REHABILITATION - WINDOWS



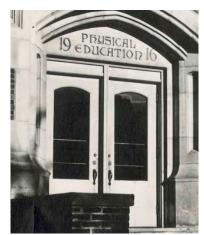




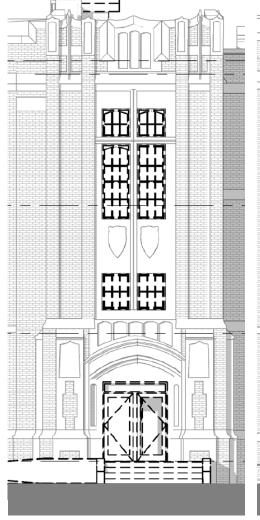
#### EXTERIOR RESTORATION/REHABILITATION - DOORS

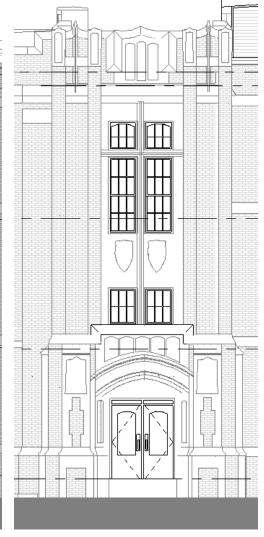
- Existing Construction
- Historic Profiles
  - Exterior Casings
  - Interior Casings
- Proposed Scope
  - 100% Replacement
  - Metal-Clad Wood Doors

Historic Structure Report:Page 32 Preservation Plan: Page 24–31 Drawings: A502



















#### AGENDA - INTERIOR

- 1. Review previous meeting discussion
- 2. Present current approach
  - a) Entry lobbies and stairs
  - b) Floor openings
  - c) New floors within gymnasiums
  - d) Interface with exterior walls
- 3. Discussion





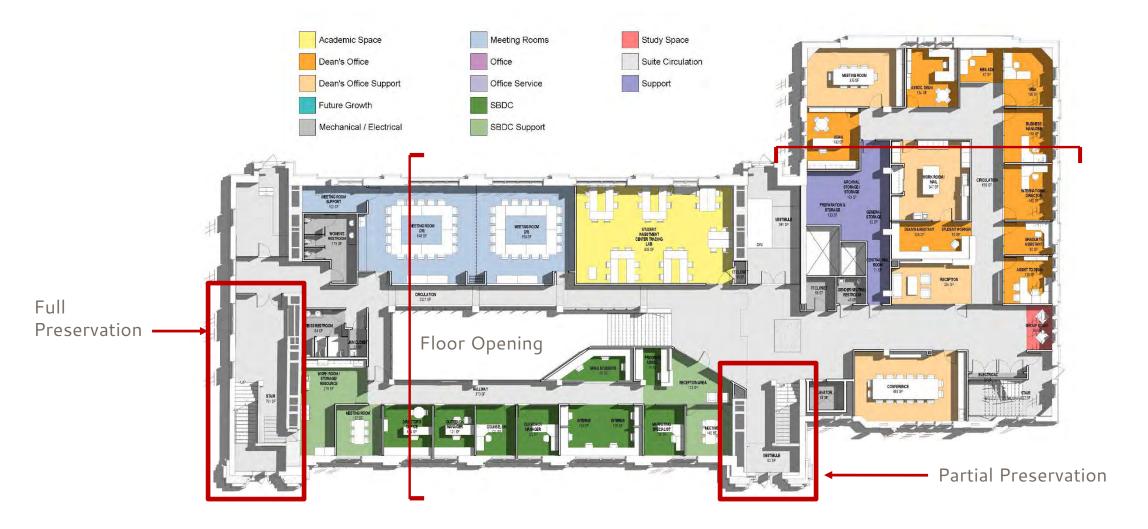
#### GROUND FLOOR







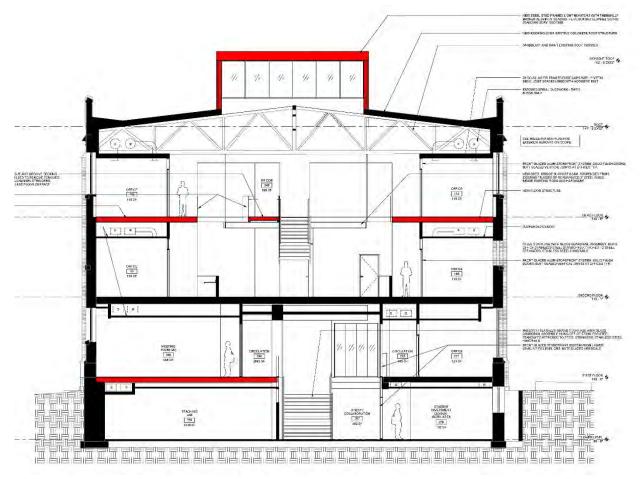
### GROUND FLOOR

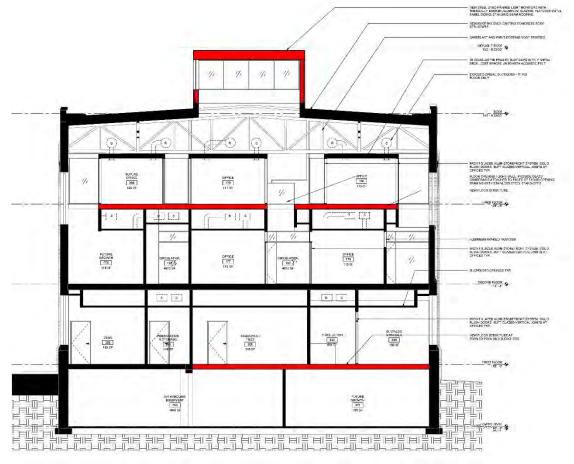






#### NEW FLOORS





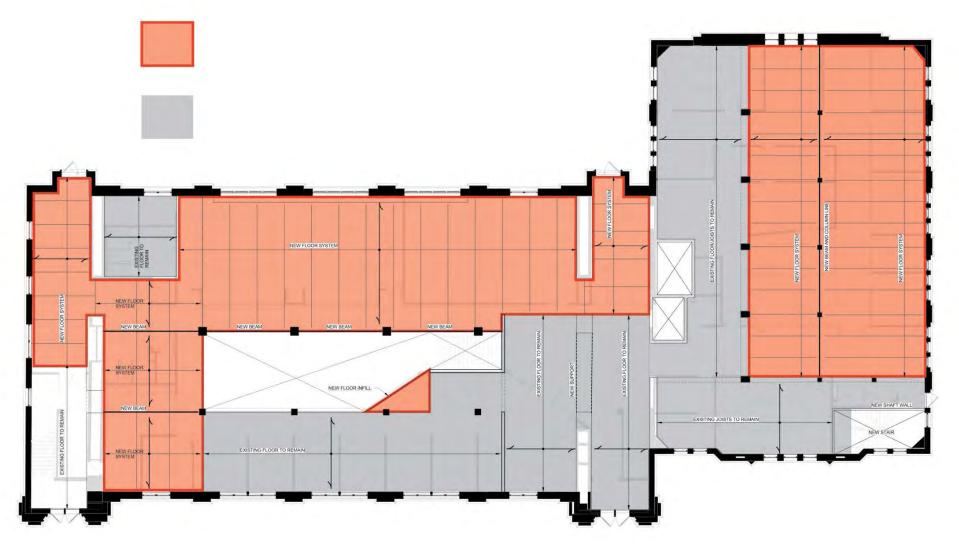
1916 BUILDING SECTION

1930 BUILDING SECTION





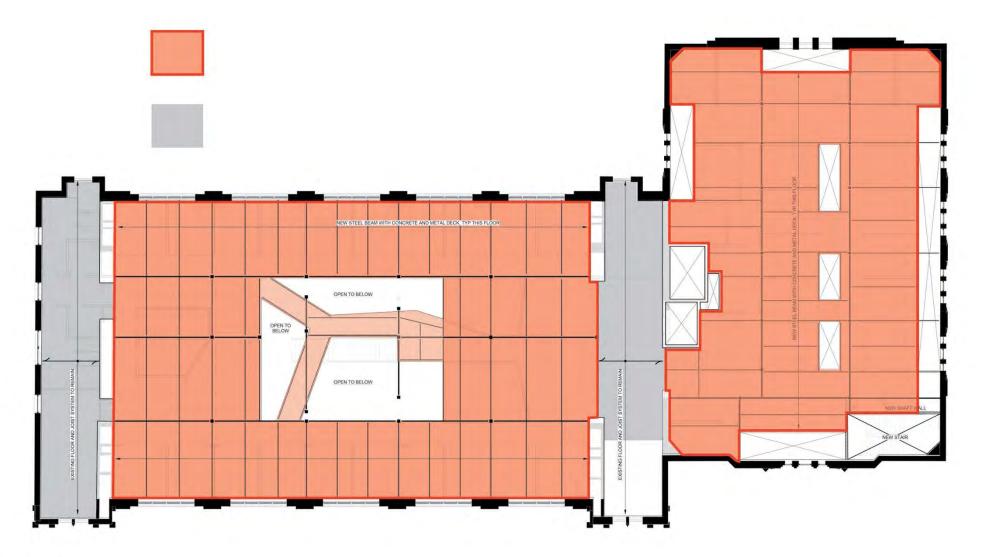
### NEW FLOOR - GROUND LEVEL







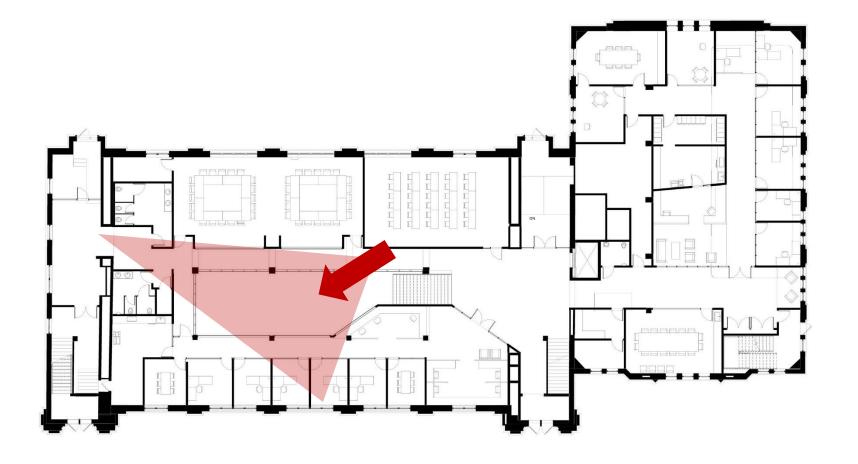
#### NEW FLOOR - THIRD FLOOR







#### INTERIOR RENDERINGS









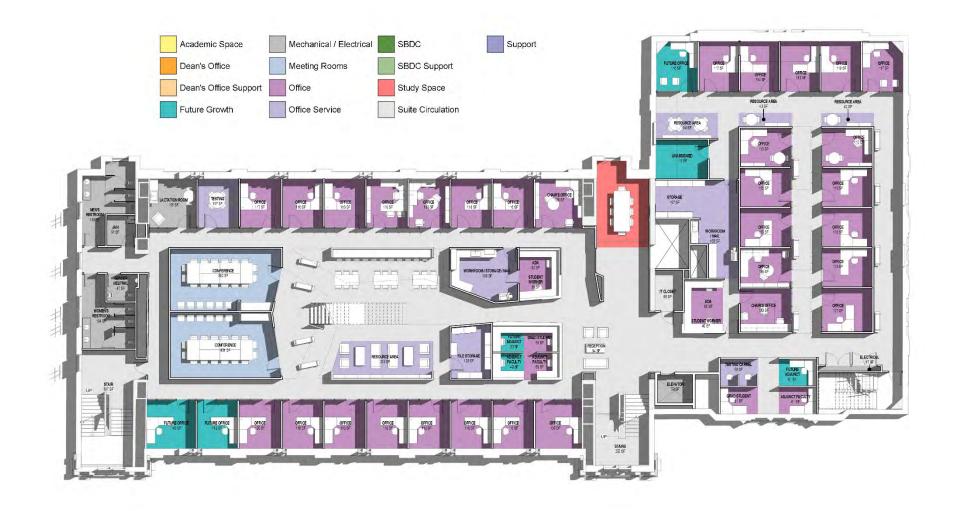
#### LOWER LEVEL







#### SECOND FLOOR







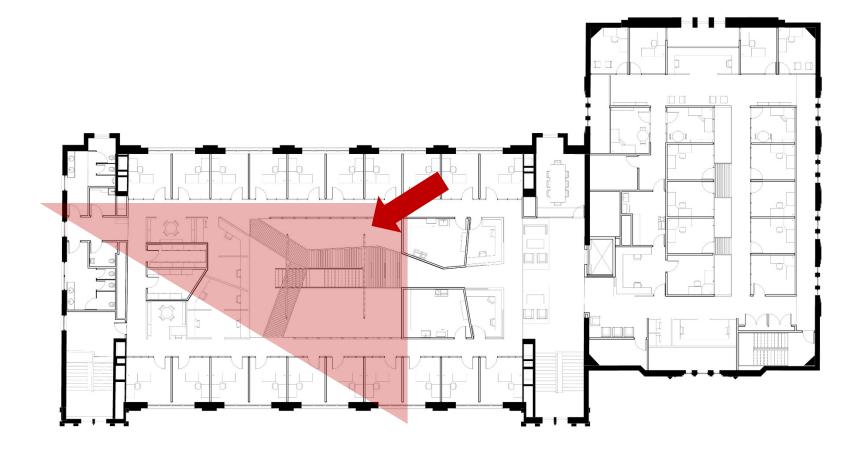
#### THIRD FLOOR







#### INTERIOR RENDERINGS









#### SUMMARY / NEXT STEPS

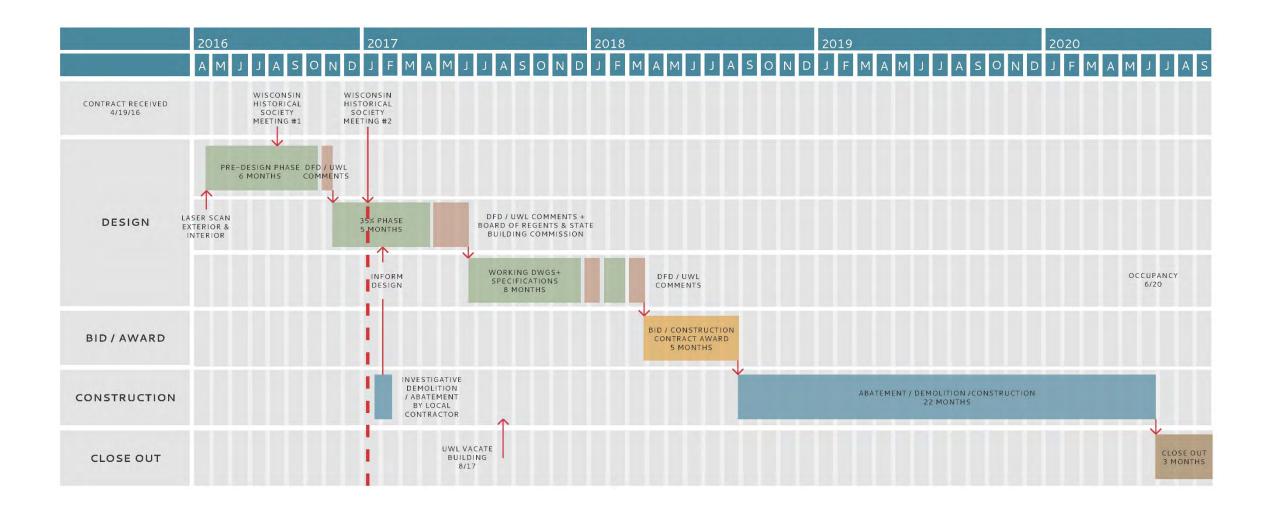
- 1. Schedule / Work Plan
- 2. 35% Review







#### PROJECT WORK PLAN







#### 35% PHASE WORK PLAN

