



A Marriage of  
**Technology** and  
History?

SCHOOL OF  
JOURNALISM AND MASS  
COMMUNICATIONS

The **Boudreaux** Group  
Interdisciplinary Design Architecture Interiors Planning

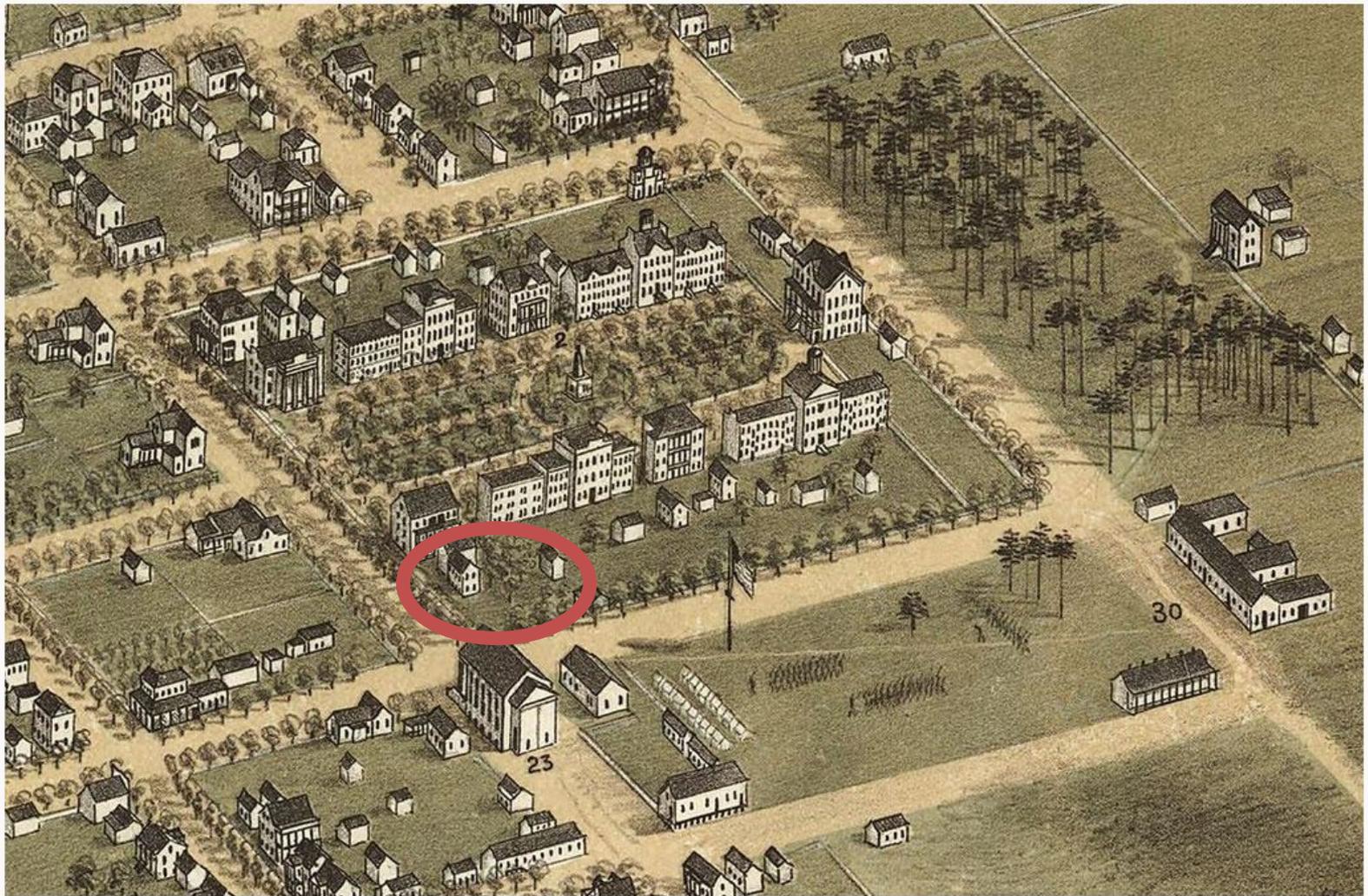
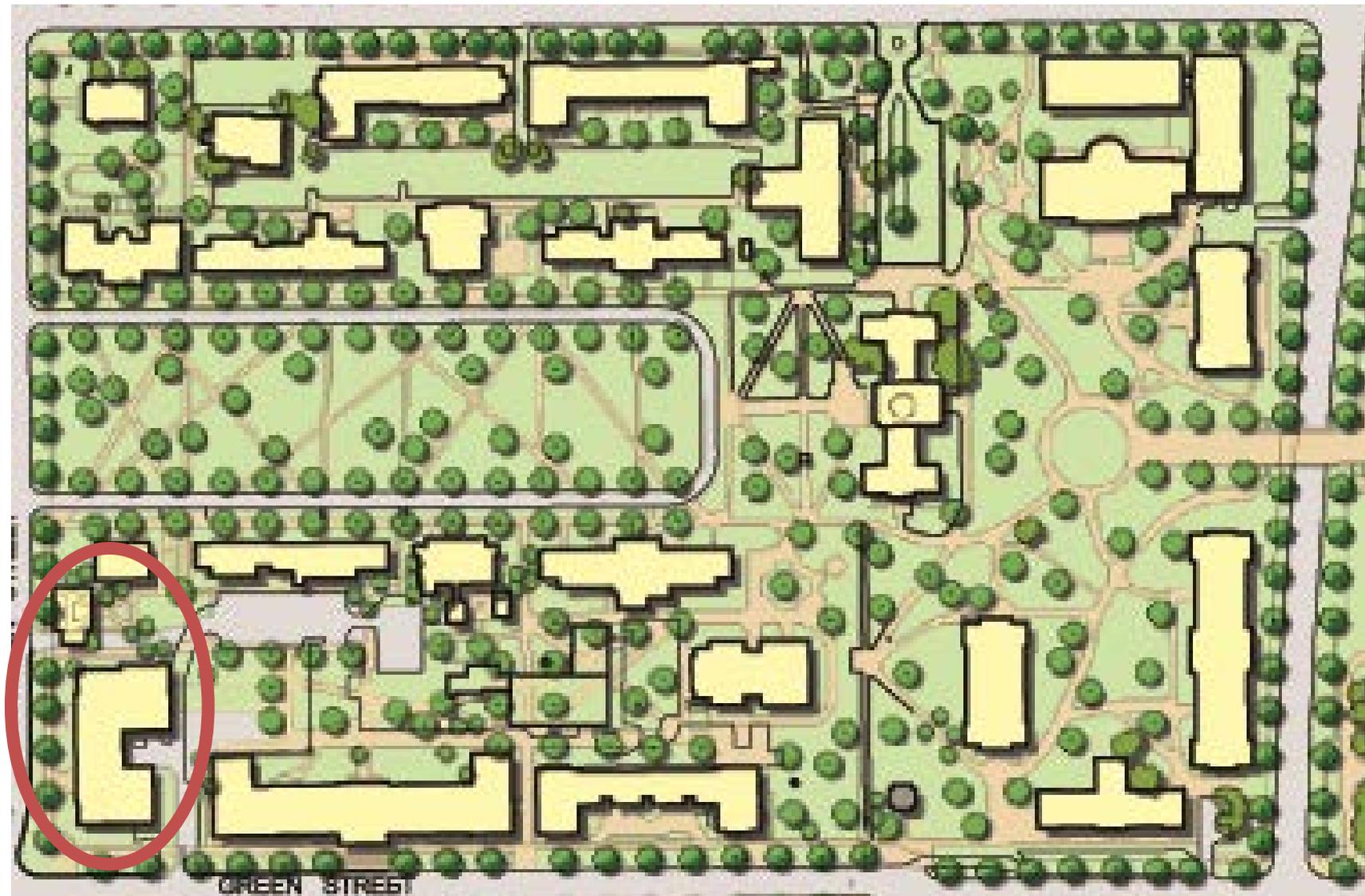


Image 5 of 8 - Detail of the University of South Carolina campus from Bird's Eye View of the City of Columbia, South Carolina 1872. Drawn and published by C. Drie. Courtesy of the Library of Congress.



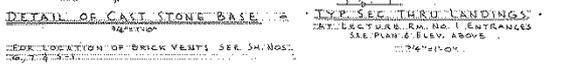
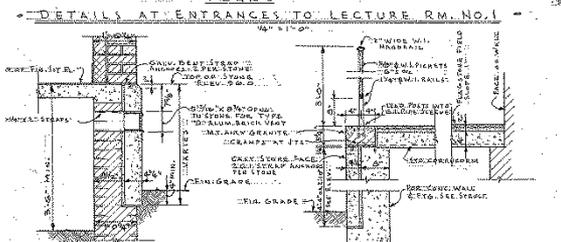
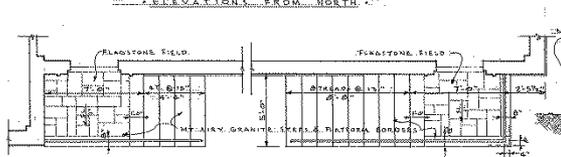
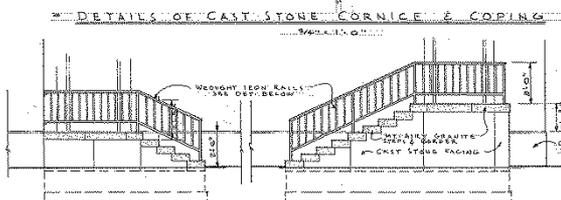
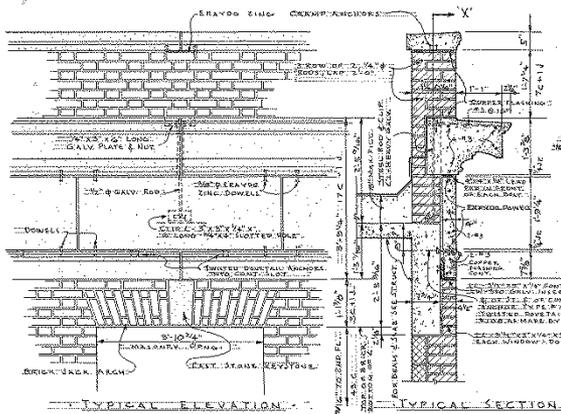




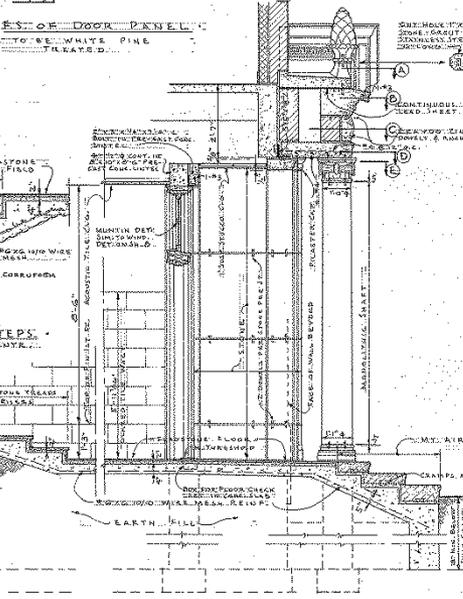
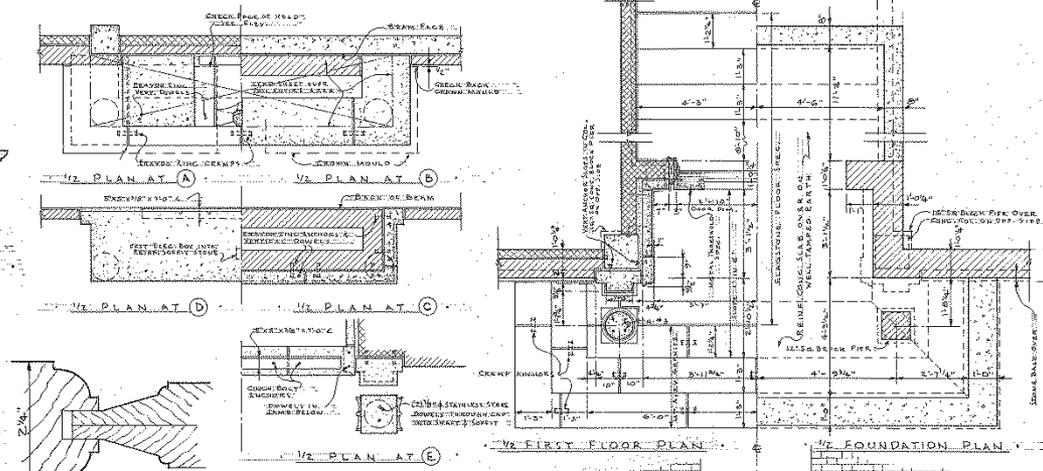
The **Boudreaux** Group

Historic Building – from  
Greene Street





NOTE: LOCATION OF BRICK VENTS SEE PLAN. SEE PLAN & ELEV. ABOVE.



NOTE: ALL STONE UNLESS NOTED OTHERWISE TO BE CAST STONE.

	REVISIONS	L. F. LAFFAY ARCHITECT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, S.C.	COMM. NO. A-1028 EXPIRES 9 LICENSE DATE 11-22-51
		L. F. LAFFAY ARCHITECT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, S.C.	
		L. F. LAFFAY ARCHITECT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, S.C.	
		L. F. LAFFAY ARCHITECT UNIVERSITY OF SOUTH CAROLINA COLUMBIA, S.C.	







The **Boudreaux** Group

Historic Building – before  
the addition



The **Boudreaux** Group

Historic Building – before  
the addition



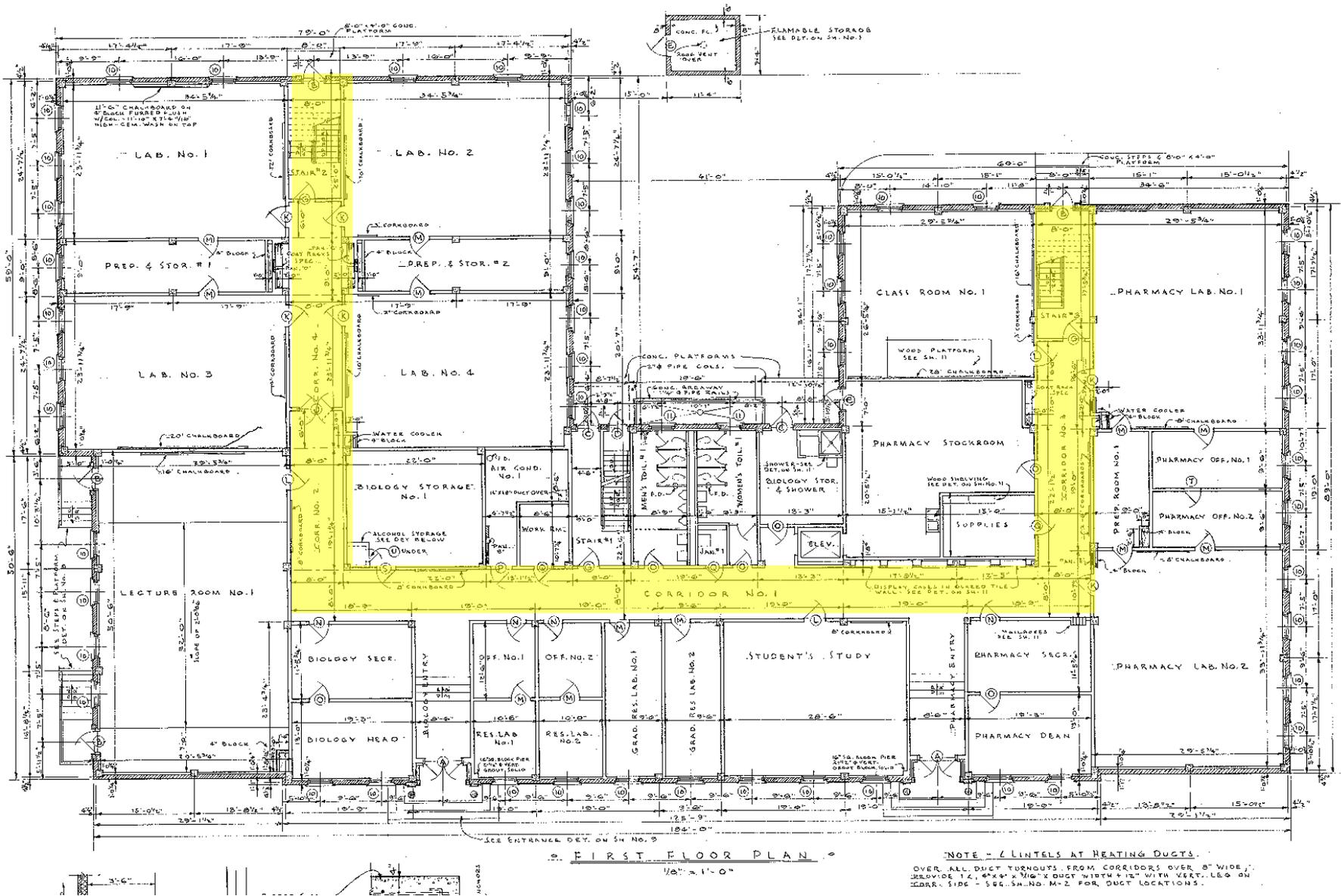
The **Boudreaux** Group

Historic Building – view  
from Preston Greene

# Historic Building Renovations: Design Considerations

- **Layout of Original Building**
- Seismic upgrades Required by Code
- Code analysis of stairs and egress
- Design guidelines
- Sustainable Design
- Flexible Technology
- Existing brick repairs and best practices
- Window Restoration





NOTE - 2 LITELS AT HEATING DUCTS.  
 OVER ALL DUCT TURNOUTS FROM CORRIDOR, OVER 8" WIDE,  
 22" WIDE 1/2" 4" x 4" x 1/2" DUCT WITH # 12" WITH VENT. LEG ON  
 EDGAR. SIDE - SEE SH. NO. M-2 FOR DUCT LOCATIONS.



# Historic Building Renovations: Design Considerations

- Layout of Original Building
- **Seismic upgrades Required by Code**
- Code analysis of stairs and egress
- Design guidelines
- Sustainable Design
- Flexible Technology
- Existing brick repairs and best practices
- Window Restoration









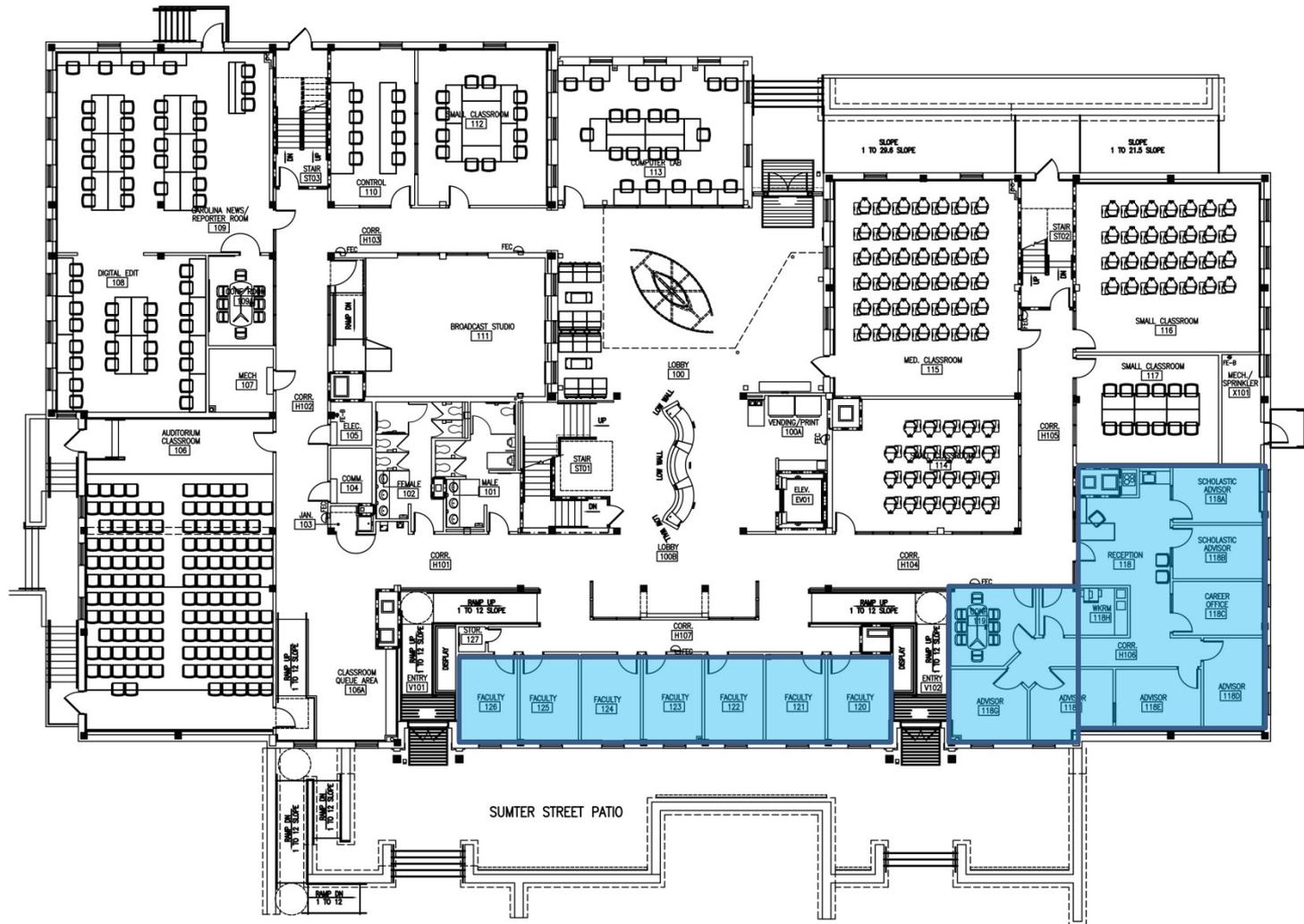


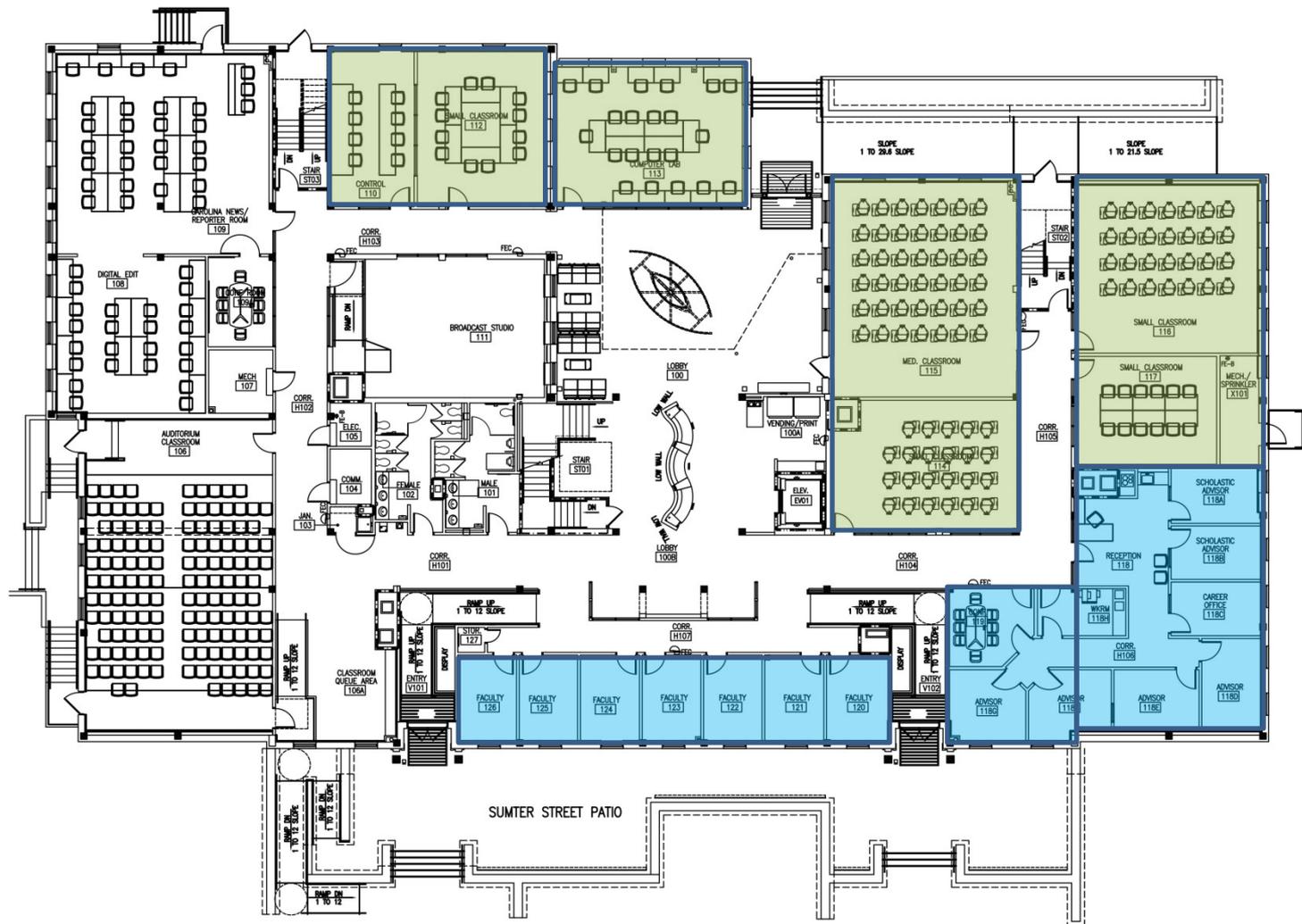


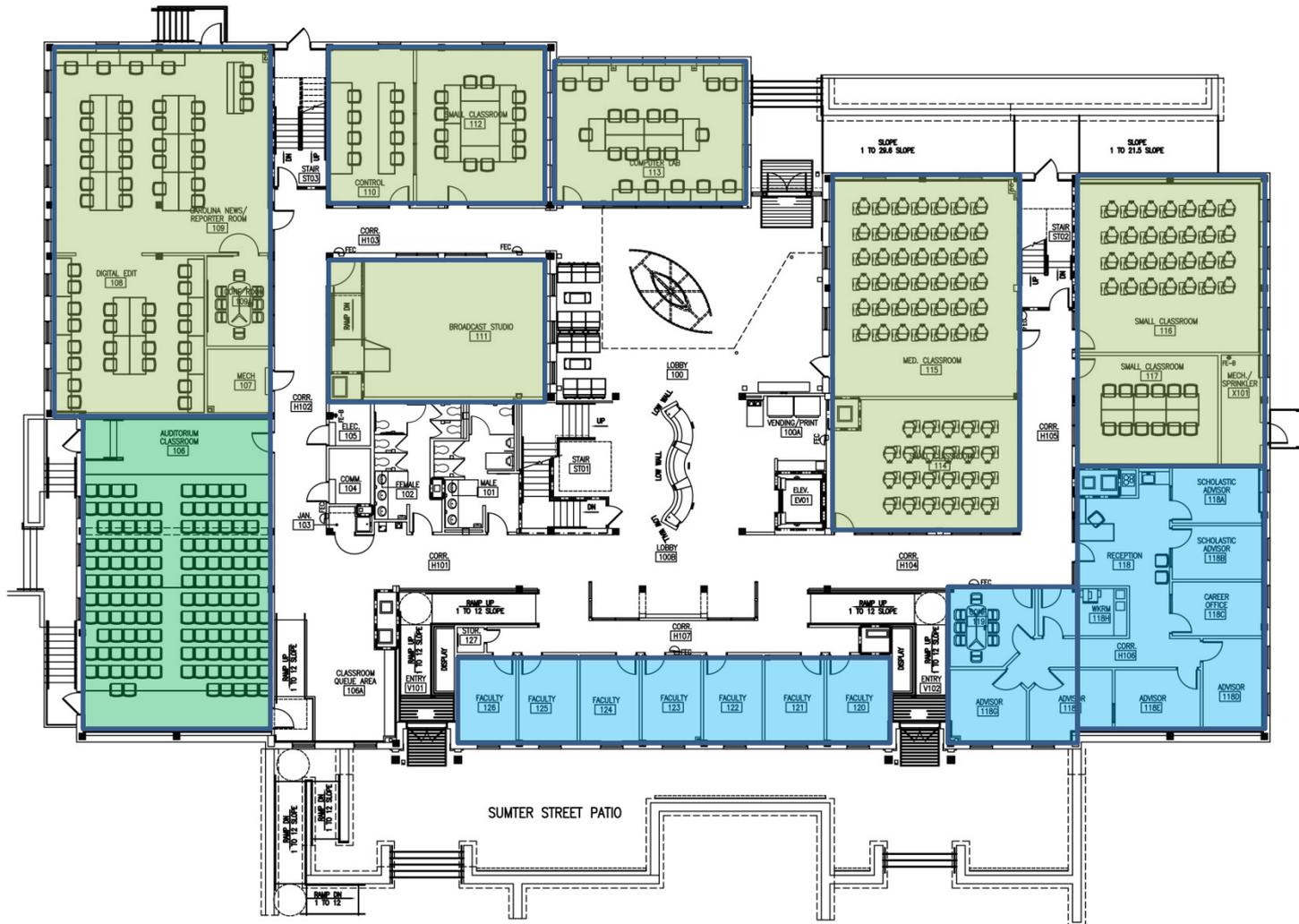


# Historic Building Renovations: Design Considerations

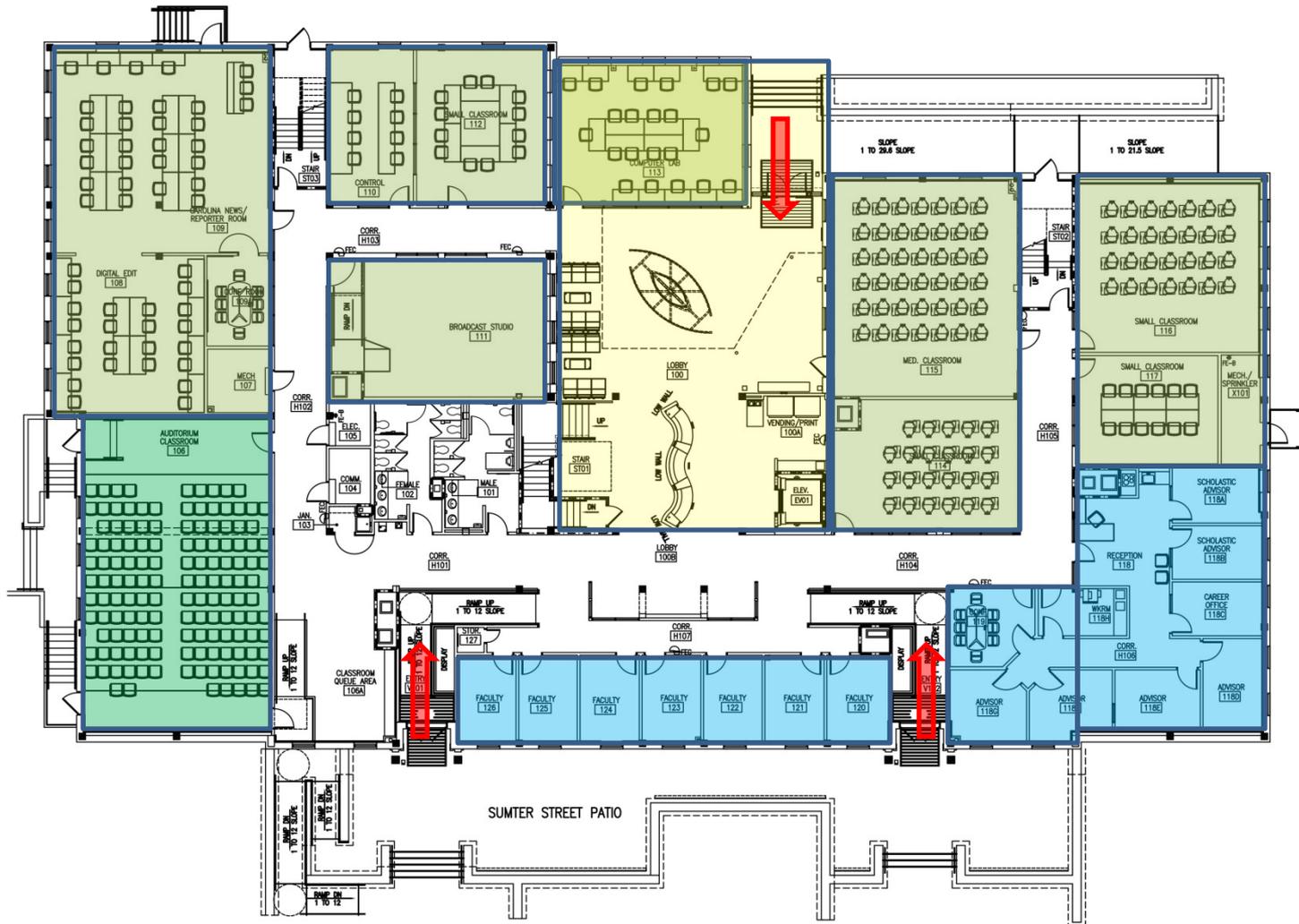
- Layout of Original Building
- Seismic upgrades Required by Code
- **Code analysis of stairs and egress**
- Design guidelines
- Sustainable Design
- Flexible Technology
- Existing brick repairs and best practices
- Window Restoration

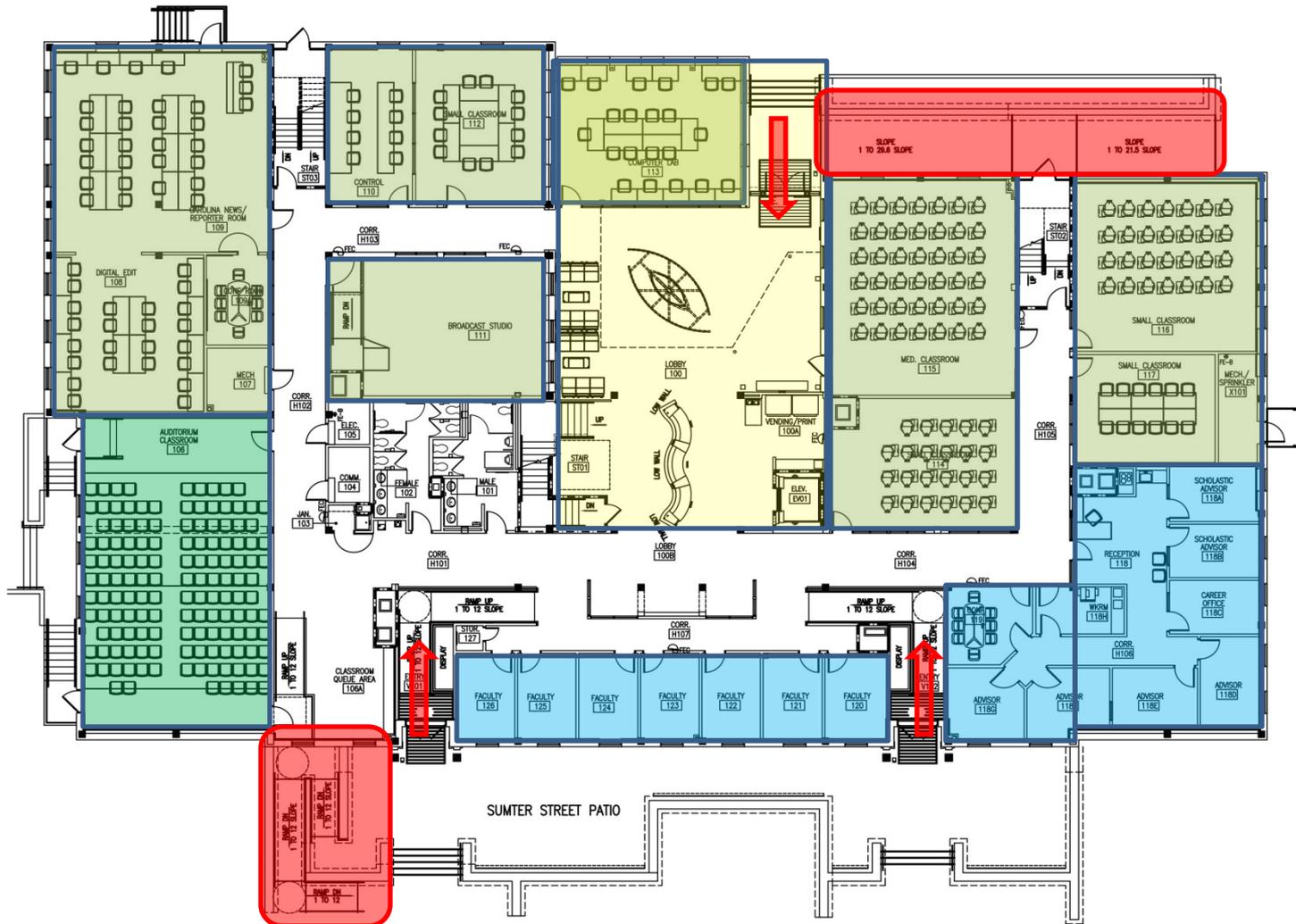


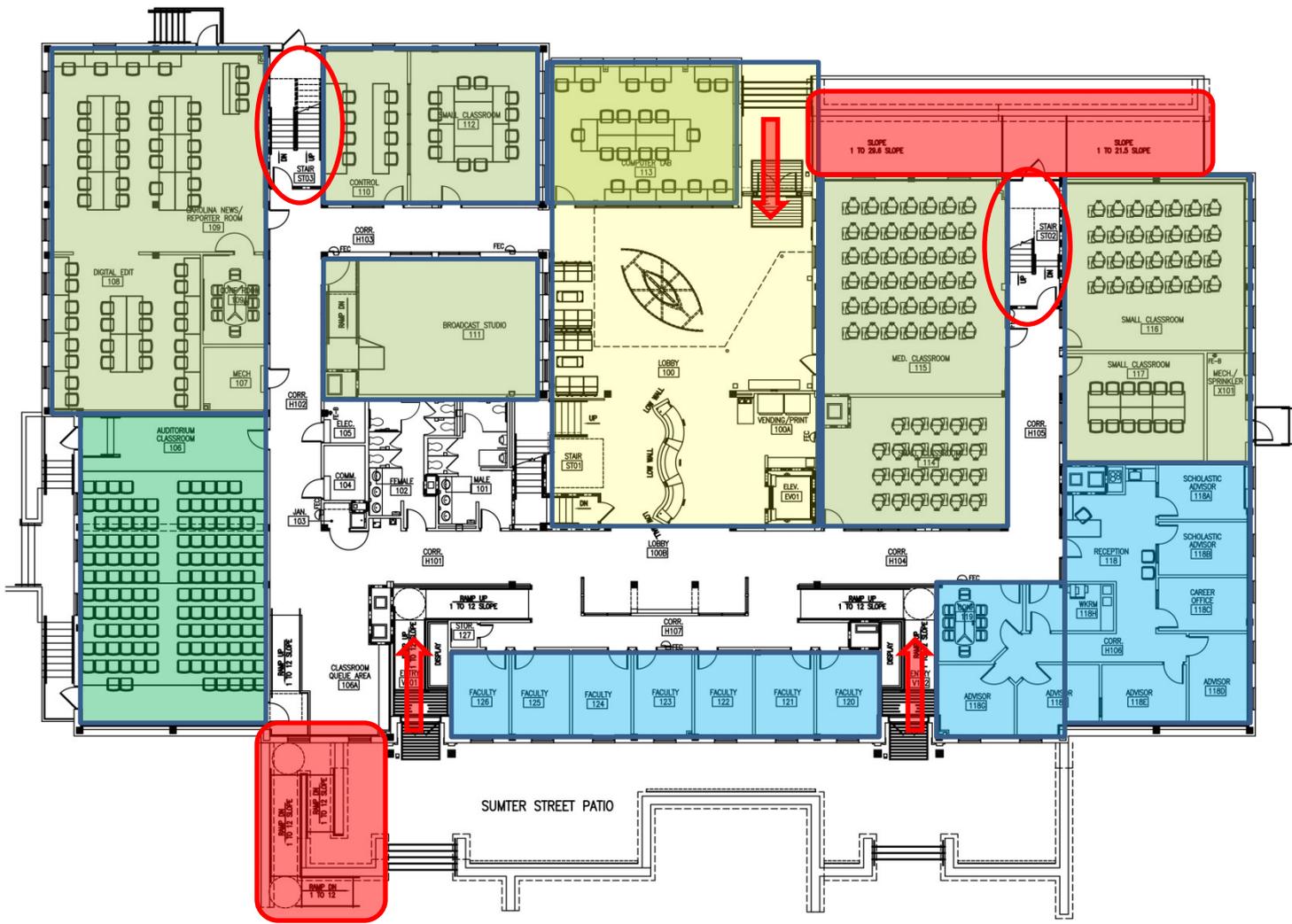


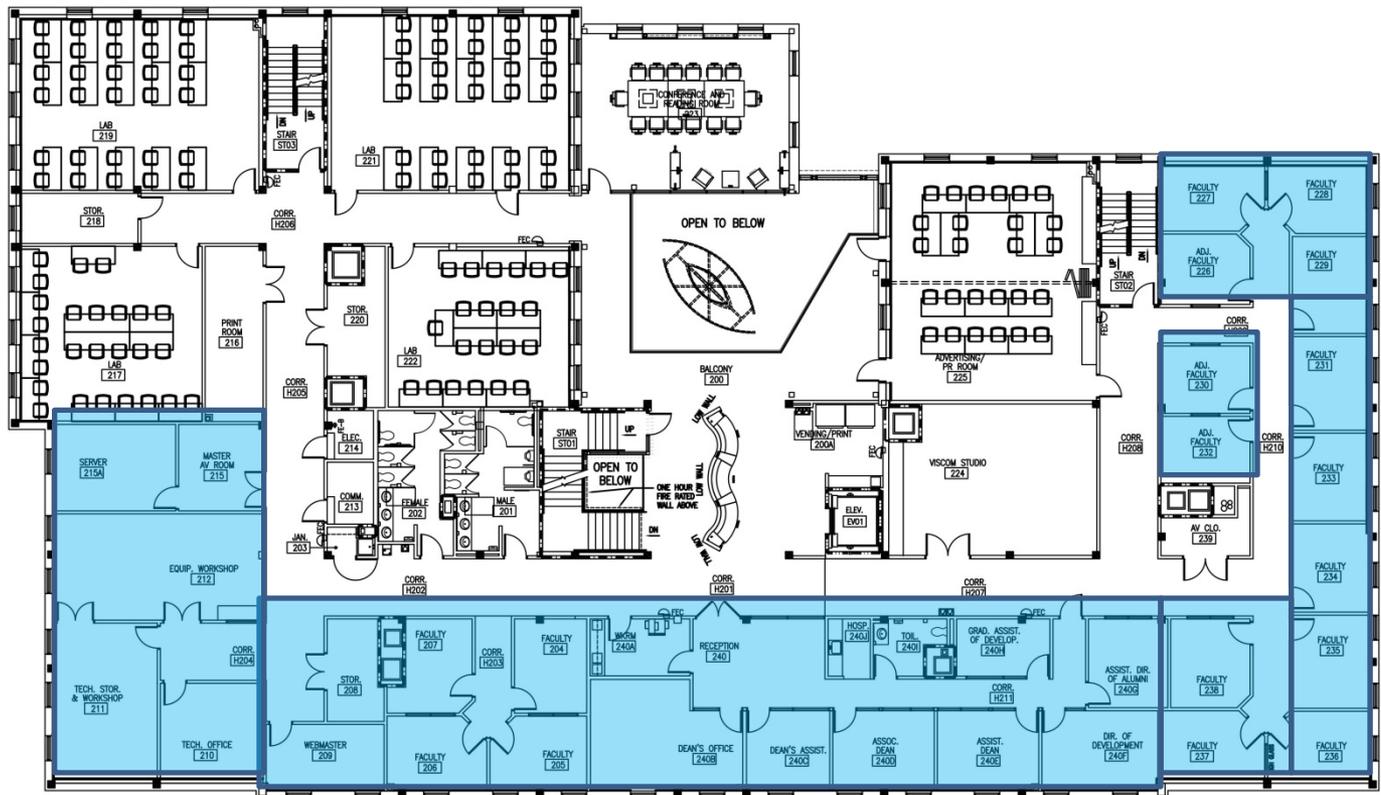


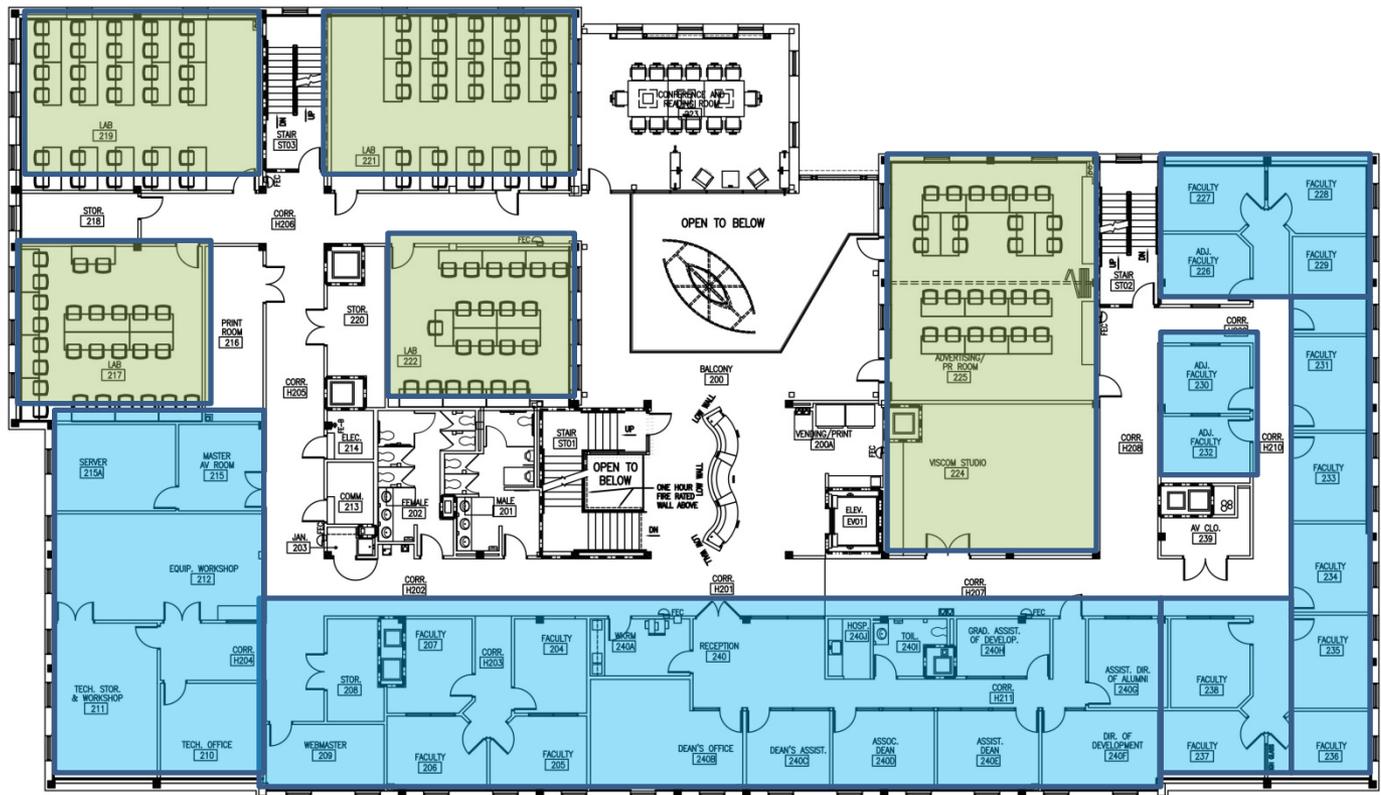


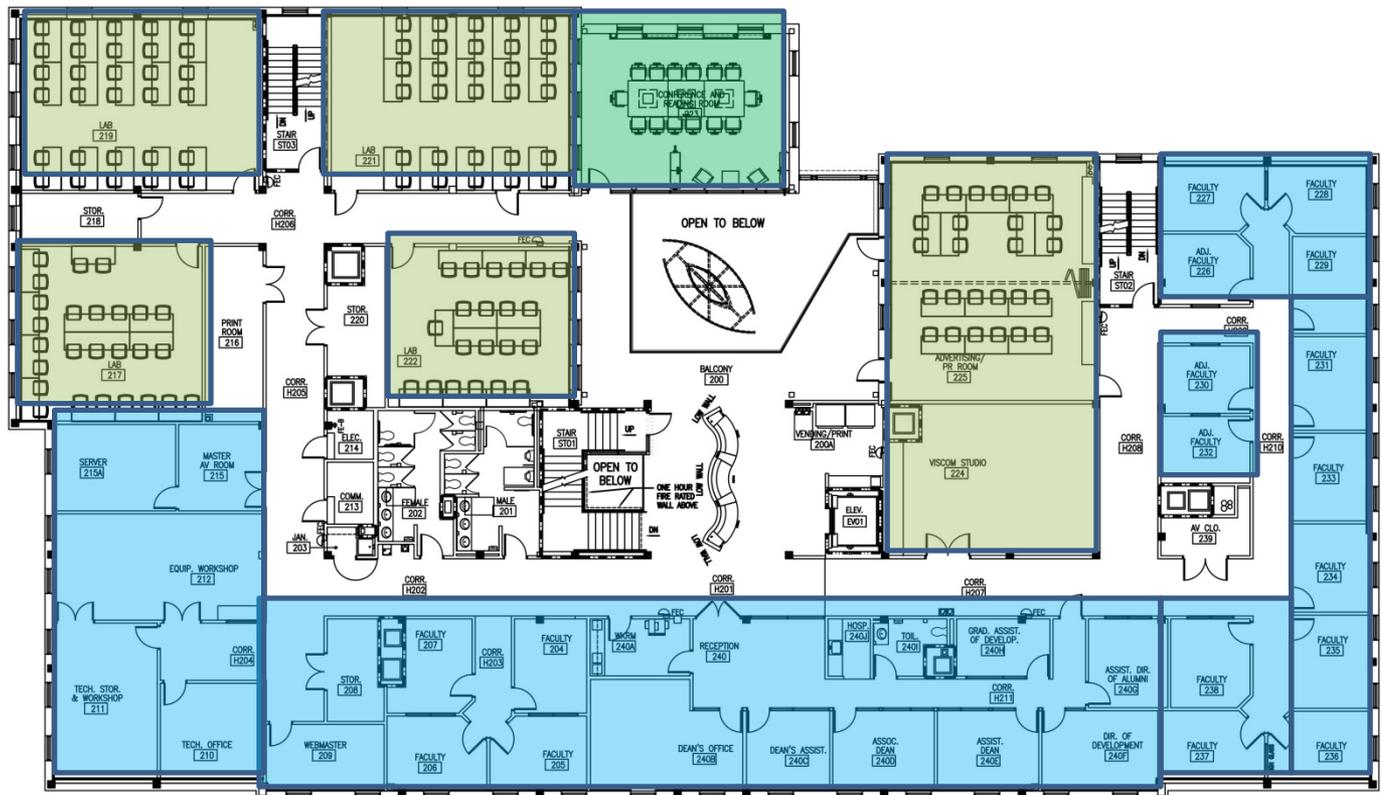




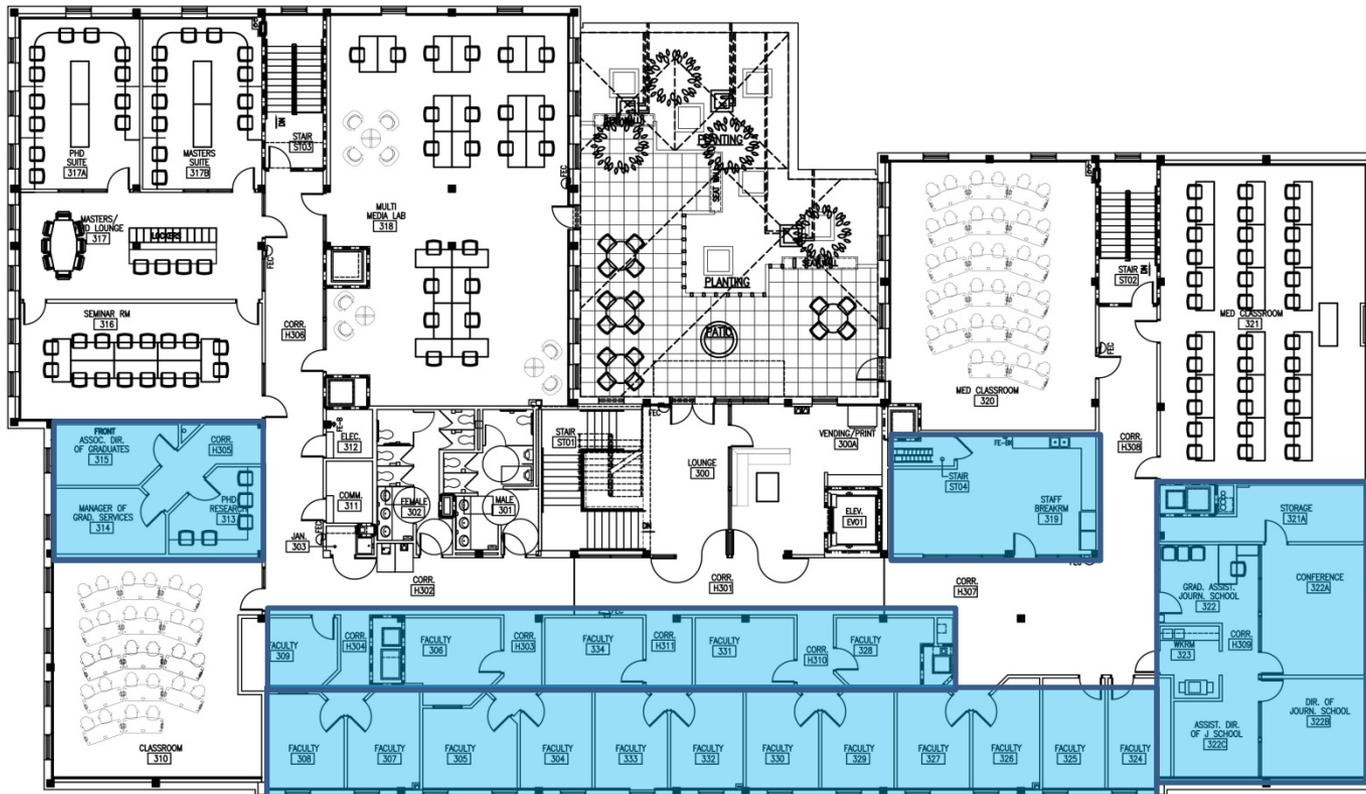
















# Historic Building Renovations: Design Considerations

- Layout of Original Building
- Seismic upgrades Required by Code
- Code analysis of stairs and egress
- **Design guidelines**
- Sustainable Design
- Flexible Technology
- Existing brick repairs and best practices
- Window Restoration









WINDOW AND DOOR OPENINGS SHOULD BE ARRANGED REGULARLY ALONG THE FAÇADE

Openings, such as windows and doors, should be regularly arranged along the façade and aligned on a vertical axis. Windows should always have vertical proportions. The proportion of windows to wall will vary with the use of the building: the more public the building, the more open the façade can be. However, the proportion of windows to wall should never be smaller than 1:3. This means that at least one quarter of the façade must have windows.



BUILDINGS SHOULD INCORPORATE NO MORE THAN TWO



WINDOWS ALWAYS SHOULD HAVE VERTICAL PROPORTIONS



THE PROPORTION OF WINDOWS TO WALL SHOULD NOT BE LESS THAN 1:3.



FAÇADE ORNAMENTATION SHOULD BE MINIMAL



MORE REFINED LEVELS OF ORNAMENTATION ARE ENCOURAGED ON BUILDINGS THAT ARE MORE PUBLIC IN NATURE

## Complying with Design Guidelines



The **Boudreaux** Group

Aerial View – location of addition  
is sensitive to historic property



The **Boudreaux** Group

New Addition – location  
and separation



The **Boudreaux** Group

New Addition – location  
and separation



The **Boudreaux** Group

New Addition – location  
and separation



The **Boudreaux** Group

New Addition – location  
and separation



The **Boudreaux** Group

New Addition – location  
and separation

# Historic Building Renovations: Design Considerations

- Layout of Original Building
- Seismic upgrades Required by Code
- Code analysis of stairs and egress
- Design guidelines
- **Sustainable Design**
- Flexible Technology
- Existing brick repairs and best practices
- Window Restoration

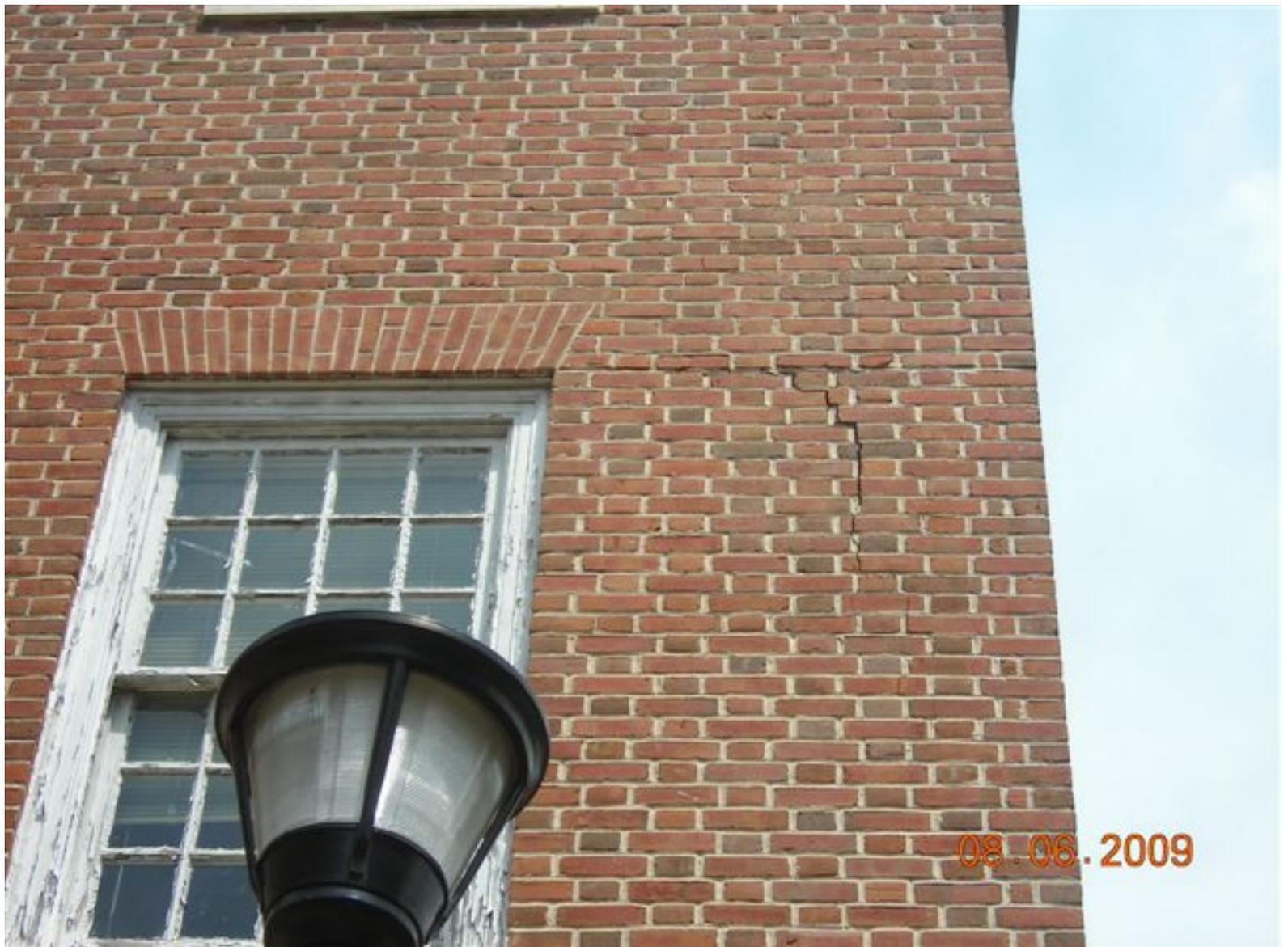






# Historic Building Renovations: Design Considerations

- Layout of Original Building
- Seismic upgrades Required by Code
- Code analysis of stairs and egress
- Design guidelines
- Sustainable Design
- Flexible Technology
- **Existing brick repairs and best practices**
- Window Restoration





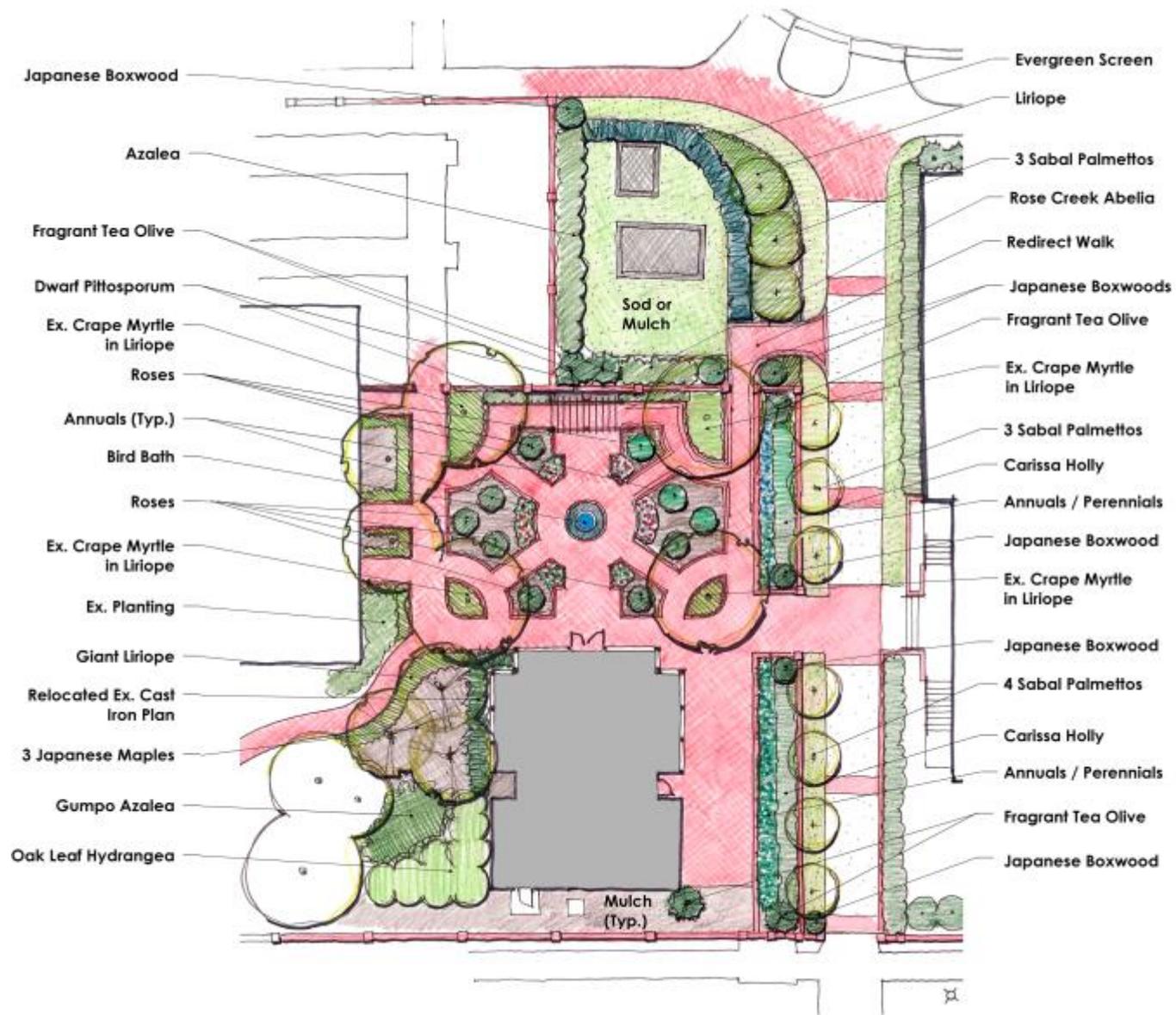




























# Historic Building Renovations: Design Considerations

- Layout of Original Building
- Seismic upgrades Required by Code
- Code analysis of stairs and egress
- Design guidelines
- Sustainable Design
- **Flexible Technology**
- Existing brick repairs and best practices
- Window Restoration



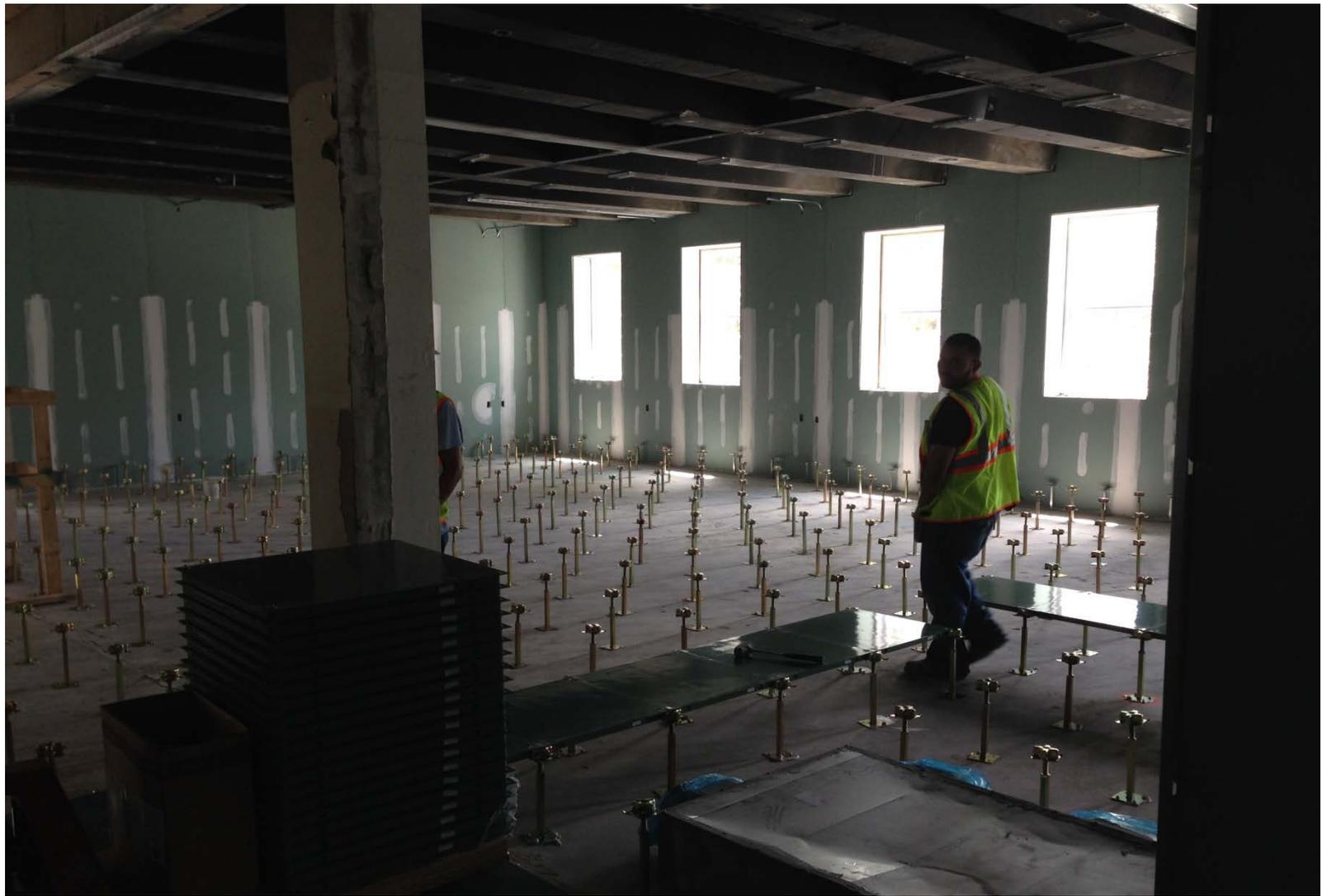
























The **Boudreaux** Group

Media Sculpture and Entry:  
Technology and history



The **Boudreaux** Group

Media Sculpture and Entry:  
Technology and history



The **Boudreaux** Group

Media Sculpture and Entry:  
Technology and history



The **Boudreaux** Group

Media Sculpture and Entry:  
Technology and history



The **Boudreaux** Group

Media Sculpture and Entry:  
Technology and history



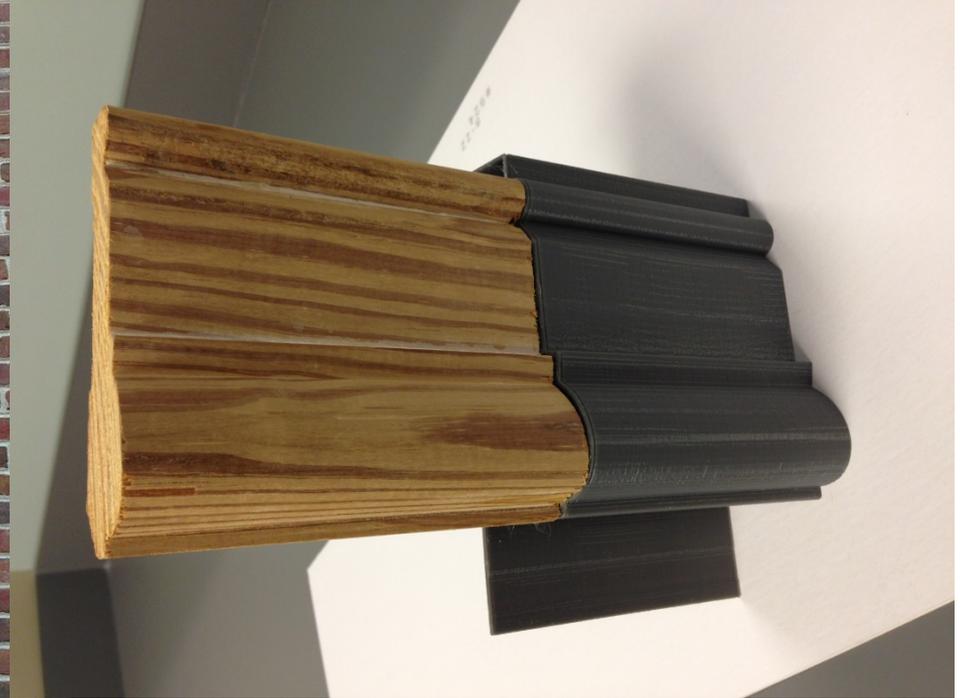
# Historic Building Renovations: Design Considerations

- Layout of Original Building
- Seismic upgrades Required by Code
- Code analysis of stairs and egress
- Design guidelines
- Sustainable Design
- Flexible Technology
- Existing brick repairs and best practices
- **Window Restoration**

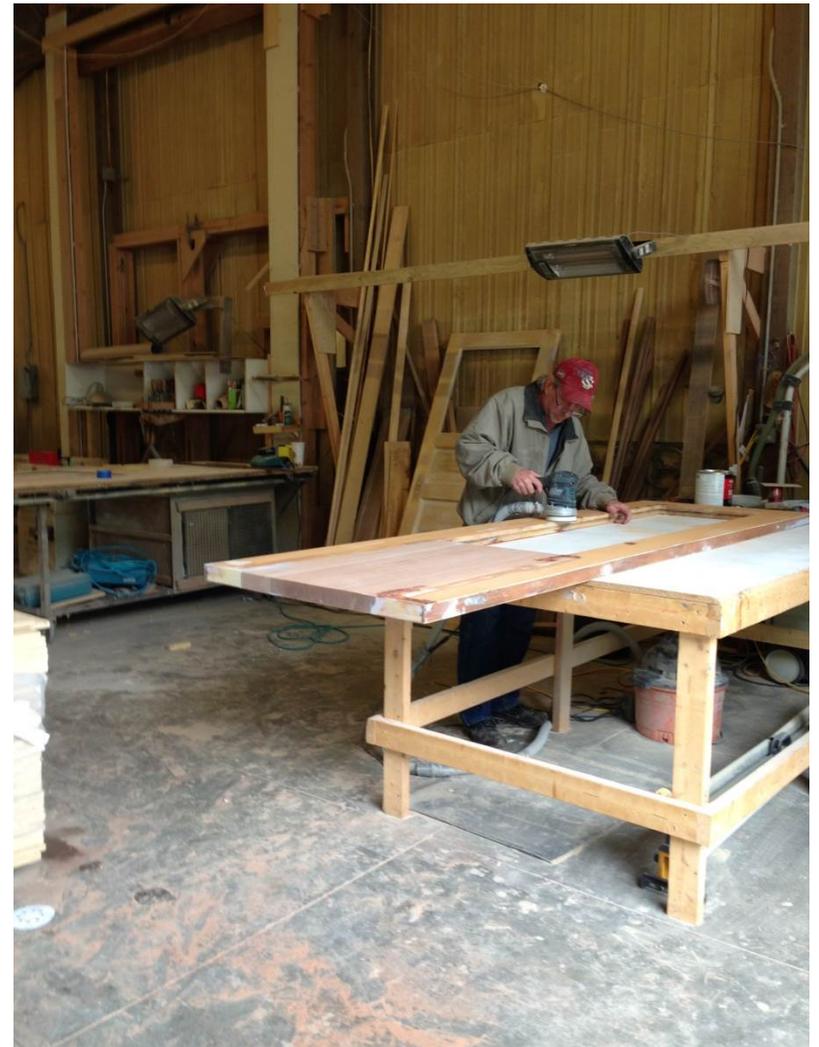






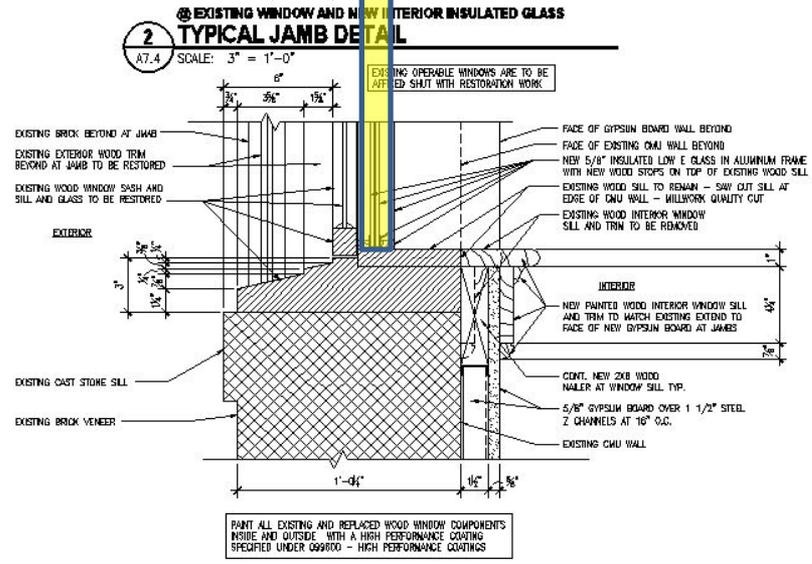
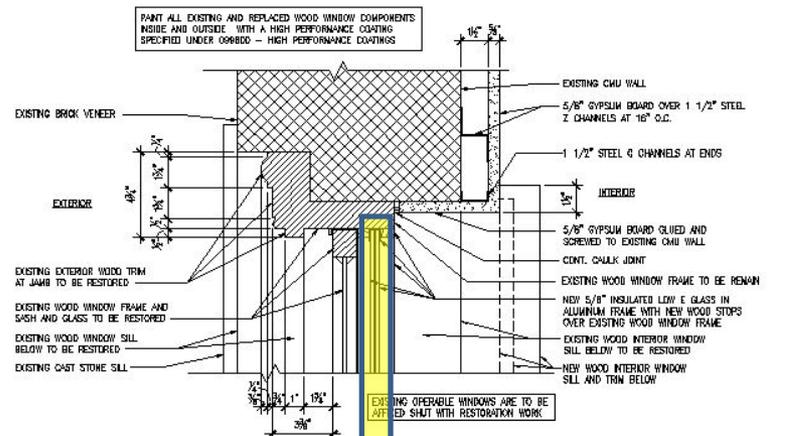
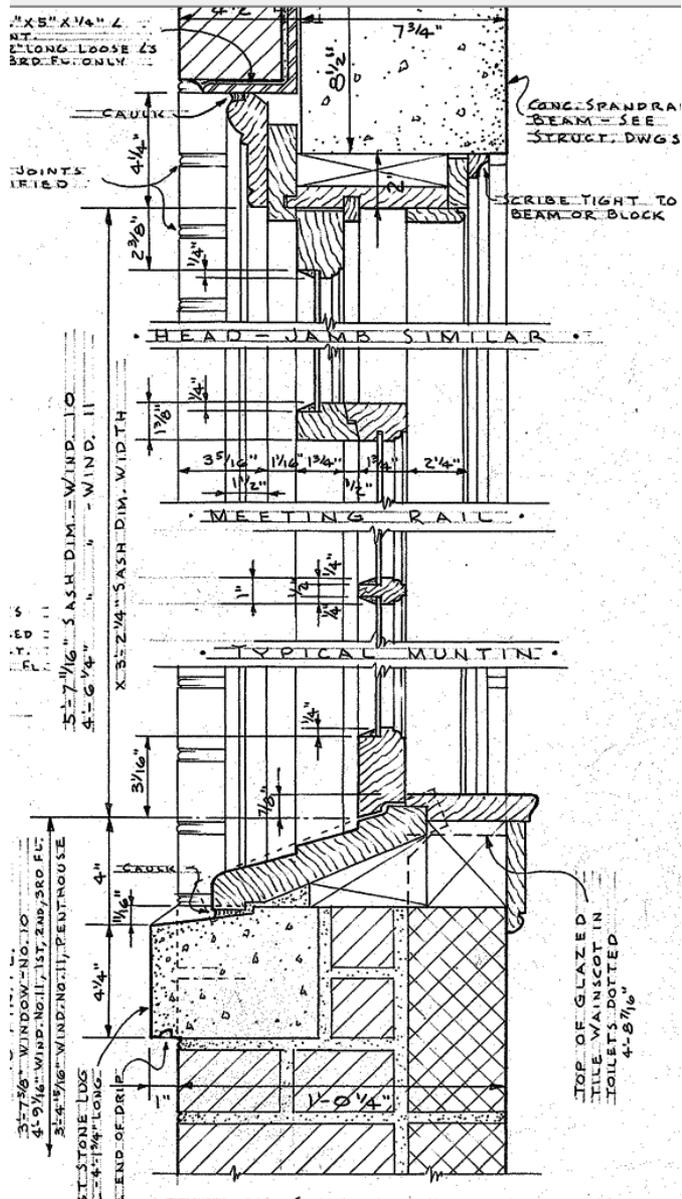














The **Boudreaux** Group

Window Restoration –  
Interior View



The **Boudreaux** Group

Window Restoration -  
Process



The **Boudreaux** Group

Window Restoration -  
Process





A Marriage of  
**Technology** and  
**History?**

SCHOOL OF  
JOURNALISM AND MASS  
COMMUNICATIONS

The **Boudreaux** Group  
Interdisciplinary Design Architecture Interiors Planning



A Marriage of  
**Technology** and  
**History?**

They said yes!

**SCHOOL OF  
JOURNALISM AND MASS  
COMMUNICATIONS**