SCIENCE BUILDING COMMITTEE MEETING

WESLEYAN UNIVERSITY
MOLECULAR AND LIFE SCIENCES BUILDING PROJECT

Design Development
Approval
October 9, 2008
AGENDA

- Schedule Update
- Floor Plan Review and Approval
- Exterior Review and Approval
- Interior Review and Approval
- Landscape Review and Approval
- Design Development Scope
- LEED/Sustainability Update
- Departmental Feedback
Design Development Process – Research Lab Assignments
Molecular and Life Sciences Building
Wesleyan University
170 Person Large Lecture Room Development
Molecular and Life Sciences Building
Wesleyan University
Greenhouse Development with East-West Ridge
Molecular and Life Sciences Building
Wesleyan University
West Wing Offices = 156sf

East Wall of West Wing moves 2’ East
West Wing Offices = 180sf
510sf Total Add to the Building

ALTERNATE - West Wing Office and Lounge Enlargement
Molecular and Life Sciences Building
Wesleyan University
Terracotta Wings
Molecular and Life Sciences Building
Wesleyan University
Elevation Studies of Existing Brownstone – Comparison with North College
Molecular and Life Sciences Building
Wesleyan University
GLASS BUMPOUTS PROVIDE NATURAL LIGHT DEEPER INTO THE BUILDING

RECESSED WINDOWS WITH DARK MULLIONS

LARGER WINDOWS AT BASE STORY

CORNICE

Elevation Studies of Existing Brownstone – Comparison with North College
Molecular and Life Sciences Building
Wesleyan University
Elevation Studies of Existing Brownstone – Comparison with Judd Hall
Molecular and Life Sciences Building
Wesleyan University
Elevation Studies of Existing Brownstone – Comparison with Clark Hall
Molecular and Life Sciences Building
Wesleyan University
Elevation Studies of Existing Brownstone – Comparison with Clark Hall
Molecular and Life Sciences Building
Wesleyan University
Façade Comparison
Molecular and Life Sciences Building
Wesleyan University
Façade Comparison
Molecular and Life Sciences Building
Wesleyan University

EXLEY TOWER

MLSB

CLARK HALL
Terracotta

- Clay material, brown color – contemporary reinterpretation of both brick and brown stone
- High quality material
- High performance envelope
- Long life
- Extremely low maintenance
- Can replace individual tiles
- Thin exterior wall saves usable space
- Lower initial cost than Brownstone
- Quick construction
- Option to reclad Exley Science in future
Glazing Approach – Links and Ribbon
Molecular and Life Sciences Building
Wesleyan University
Elevations / Sections at Connector Curtain Wall
Molecular and Life Sciences Building
Wesleyan University
Elevations / Sections at Connector Curtain Wall
Molecular and Life Sciences Building
Wesleyan University
Curtain Wall Type Diagram, Southeast and Northwest Axon
Molecular and Life Sciences Building
Wesleyan University
Curtain Wall Bump-outs
Molecular and Life Sciences Building
Wesleyan University
Stone Feature Walls
Molecular and Life Sciences Building
Wesleyan University
Natural Stone Feature Wall
East Wing Large Lecture Room
Molecular and Life Sciences Building
Wesleyan University
Natural Stone Feature Wall
West Wing Entry Perspective
Molecular and Life Sciences Building
Wesleyan University
All tiles are to be 4'-11 5/8" long unless otherwise noted on the elevation.
View from Butterfield Colleges
Wesleyan University
Molecular and Life Sciences Building
Interior Concept Diagram
Molecular and Life Sciences Building
Wesleyan University

- CIRCULATION SPACE - GALLERIES, CONNECTION OF INTERIOR AND EXTERIOR THROUGH TRANSPARANCY
- INTERACTION, AND GATHERING SPACE
- FUNCTIONAL SPACES - OFFICES, LABS, AND LAB SUPPORT
  CONSISTANT MATERIALS PALETTE WITH UNIQUE COLOR SCHEMES IN EACH WING TO ESTABLISH IDENTITY
- CLASSROOM AND CONFERENCE SPACE
Terracotta Wings translated to Wood on Interior
Molecular and Life Sciences Building
Wesleyan University
Terracotta Wings translated to Wood on Interior - Detail
Molecular and Life Sciences Building
Wesleyan University
Terracotta Wings translated to Wood on Interior
Molecular and Life Sciences Building
Wesleyan University
Connector Interior with Wood Walls
Molecular and Life Sciences Building
Wesleyan University
Terracotta Wings translated to Wood on Interior
Molecular and Life Sciences Building
Wesleyan University
Connector / Upper Commons Interior with Wood Walls
Molecular and Life Sciences Building
Wesleyan University
Accent Painted Walls to Express Volumes within the Science Complex
Molecular and Life Sciences Building
Wesleyan University
Accent Painted Walls to Express Volumes within the Science Complex
Molecular and Life Sciences Building
Wesleyan University

Not in Current Scope
East Wing Arcade Interior with Painted Walls
Molecular and Life Sciences Building
Wesleyan University
East Wing Interior Concepts
Molecular and Life Sciences Building
Wesleyan University
West Wing Interior Concepts
Molecular and Life Sciences Building
Wesleyan University
West Wing Interior Concepts - Detail
Molecular and Life Sciences Building
Wesleyan University
Interconnecting Stairs

Molecular and Life Sciences Building
Wesleyan University
Classroom Design – Large Lecture
Molecular and Life Sciences Building
Wesleyan University
Classroom Design – 65 Person
Molecular and Life Sciences Building
Wesleyan University
ALTERNATE - Courtyard View looking South East with Skylights
Molecular and Life Sciences Building
Wesleyan University
LEVEL G – BIOLOGY TEACHING / NMR

LEVEL 1 - COURTYARD

ALTERNATE – Level G Courtyard Skylights
Molecular and Life Sciences Building
Wesleyan University
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<th>QUANTITY</th>
<th>SYMBOL</th>
<th>BOTANICAL NAME</th>
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<td>Cornus kousa 'Transplant'</td>
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<td>LIT</td>
<td>Liriodendron tulipifera</td>
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<td>EUR</td>
<td>Quercus rubra</td>
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<td>Comptonia peregrina</td>
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<td>Cornus alba 'Hawkeye'</td>
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<td>Dwarf Highbush Blackberry</td>
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<td>Pink Plume Phlox</td>
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<td>Rhododendron 'Blue Ice'</td>
<td>Blue Ice Azalea</td>
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<td>Gro-Low Fragrant Sumac</td>
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<td>Spiraea x vanhouttei 'Anthony Waterer'</td>
<td>Anthony Waterer Spirea</td>
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<td>VMA</td>
<td>Vaccinium angustifolium</td>
<td>Lowbush Blueberry</td>
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<td>Joe Pye Weed</td>
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<td>Bluebird Hydrangea</td>
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<td>Heavy Metal Switch Grass</td>
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<td>WST</td>
<td>Vaccinium oxycoccos</td>
<td>Barren Strawberry</td>
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