



Abington Public Schools New Co-Located PreK / Middle / High School

Schematic Design

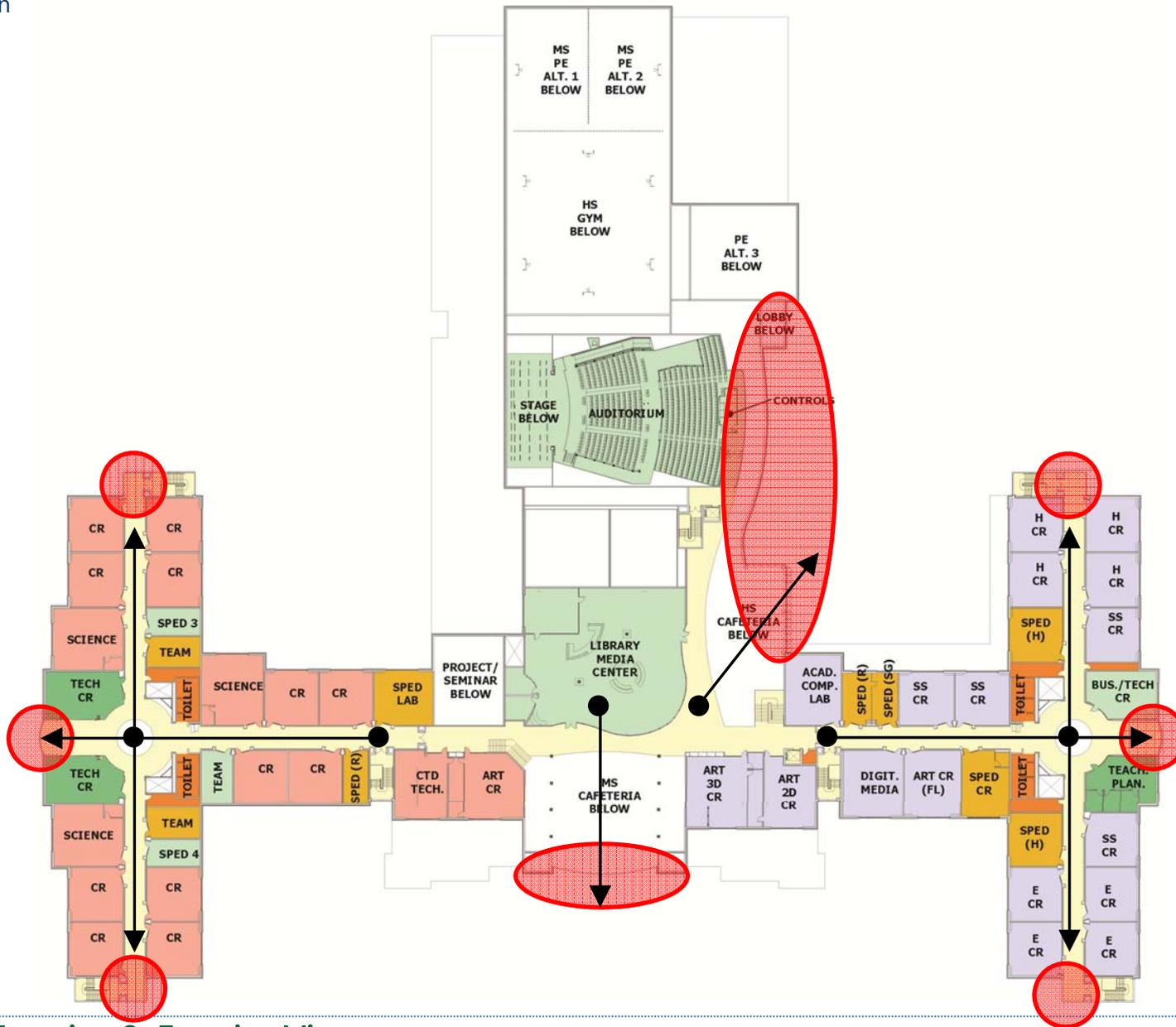
Presentation to the
Working Group



collaborative
research-based learning
exploration

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Schematic Design



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02

Interior & Exterior Views

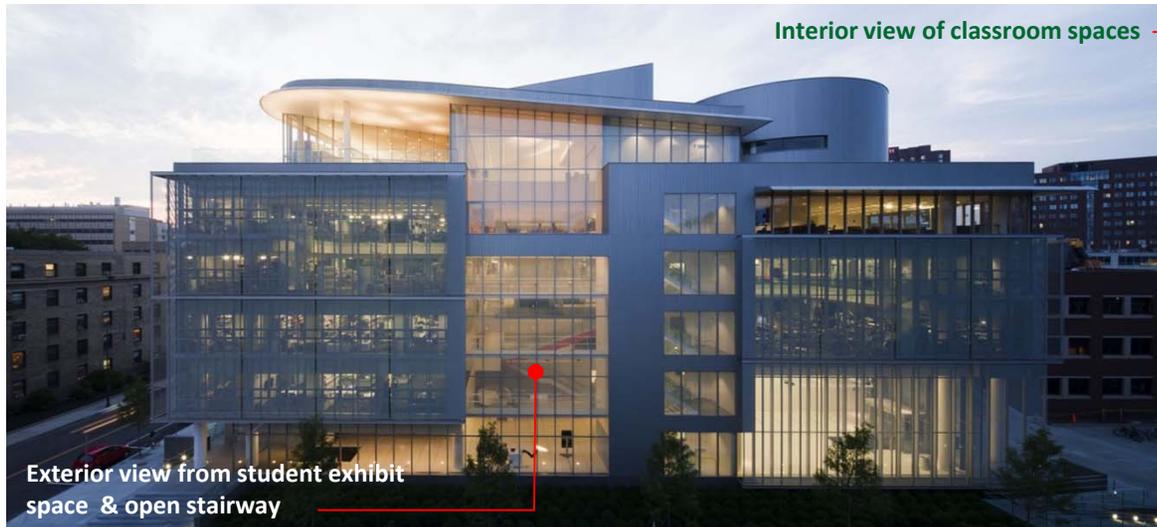
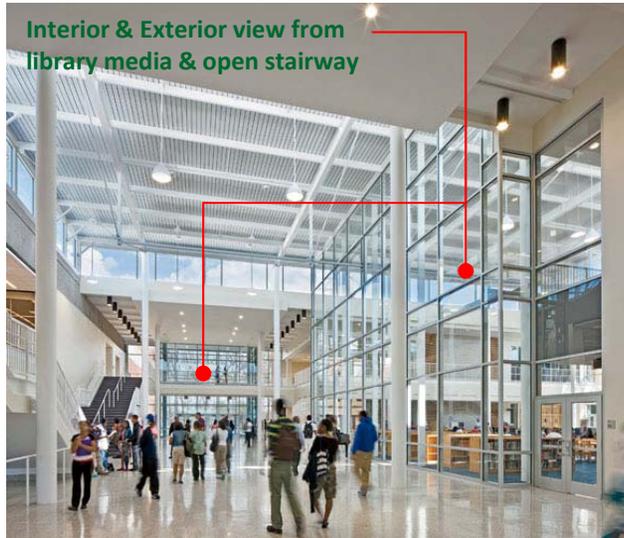
April 4, 2014

Ai3 architects, LLC



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Exterior view from lobby & open stairway



Interior view from adjacent spaces

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Material use to “breakdown” the horizontal nature of a 2 story building

Transparency used to highlight an interior / exterior view corridor

Roof overhang for solar shading and to highlight material change



Use of precast for Building base



02

Interior & Exterior Views

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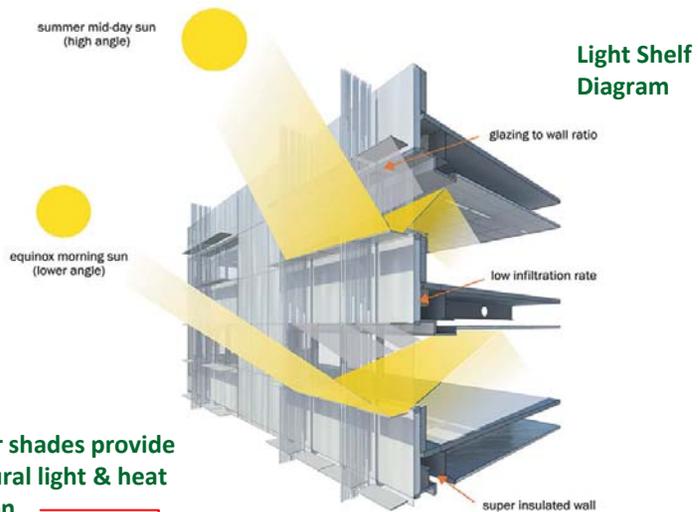
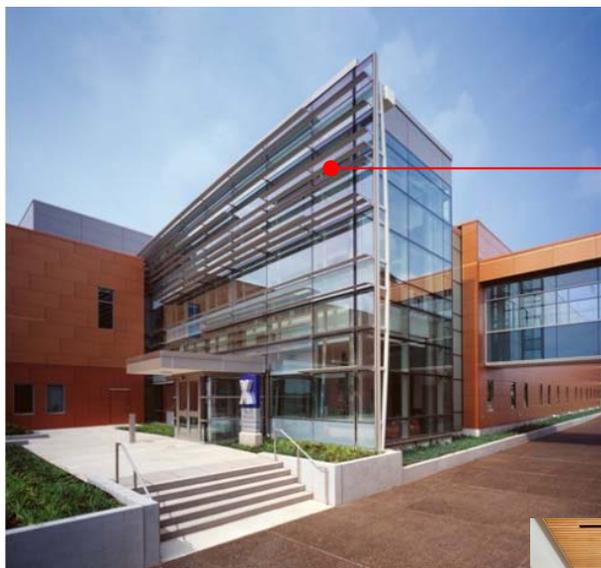
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Exterior solar shades provide diffused natural light & heat gain reduction



Vertical Exterior Solar Shades respond to building and solar orientation

04

Natural Daylighting / Solar Shading & Control

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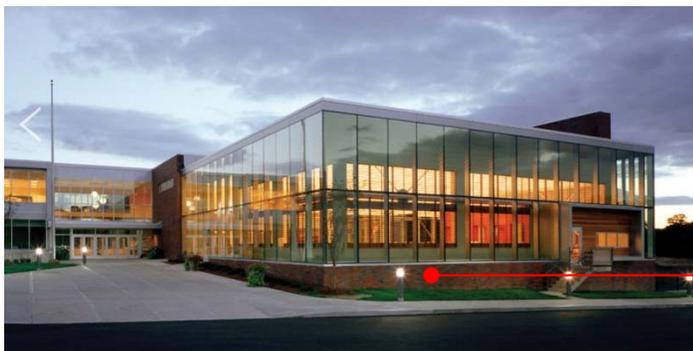
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Exterior glazing opacity creates visual texture

Masonry material change to create horizontal banding

Metal Panels with sun shades and light shelves



Use of precast for Building base

Use of brick for building base at exterior glass locations



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Use of Exterior Materials

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06

Massing of the Co-located MS/HS building

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