library at phillips exeter academy
louis kahn
exeter, new hampshire
contents

- architect background
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louis kahn

-born in Estonia in 1901

-attended University of Penn on scholarship, graduated with his Bachelor of Architecture in 1924

-In 1951 Kahn received a commission to design the Yale University Art Gallery in New Haven, Connecticut- first major architectural project

-notable works include: Kimball Art Museum, Salk Institute for Biological Studies, National Capital- Bangladesh
Phillips Exeter Academy Library

- completed in 1971, prep school in Exeter, New Hampshire

- adjacent to several traditional structures on campus-hence the brick selection

- original program to include 250,000 books along with seminar rooms and study space for up to 400 students
structural composition

- square plan with three zones: outer brick zone, adjacent concrete zone, and interior entrance hall atrium

- brick zone serves as place for patrons to relax & read

- concrete zone stores the books

- atrium is “invitation to books”
structural composition

-outer zone or “brick donut” is load bearing masonry

-inner zone is reinforced concrete, or “concrete donut”
structural composition
structural composition
structural composition
structural composition
lateral loads
Multiframe analysis
Multiframe analysis
Multiframe analysis
Multiframe analysis
Multiframe analysis
Multiframe analysis
Kahn’s notion that, “Any sound building must be rooted in its materiality and be proudly true to the way it is made.”

“And Brick says to you, I like an arch”

Using materials as they want to be used given their inherent qualities (brick, concrete, stone and wood)

Structure’s importance to the design and its role in the appeal of work despite its simple form

conclusion
bibliography

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