MID-CENTURY MAKEOVERS

“FORM FOLLOWS FASHION”

FORM FOLLOWS FASHION

MID-CENTURY

M A K E O V E R

FORM FOLLOWS FASHION

MID-CENTURY

M A K E O V E R S

ST JOHN’S ABBEY, COLLEGEVILLE MN

CALTECH, PASADENA CA

UC BERKELEY, BERKELEY CA

CARNEGIE MELLON, PITTSBURGH PA

BOSTON UNIVERSITY, BOSTON MA

T O R C H Y S

TITLE HERE
ENCODE NORMAL BLACK, 50 PT.

BOSTON COLLEGE, CHESTNUT HILL MA

AMBASSADOR COLLEGE, PASADENA CA

UC BERKELEY, BERKELEY CA

SUNY ALBANY, ALBANY NY

SUNY ALBANY, ALBANY NY

SUNY ALBANY, ALBANY NY

SUNY ALBANY, ALBANY NY

YALE UNIVERSITY, NEW HAVEN CT

CARNEGIE MELLON, PITTSBURGH PA

UC BERKELEY, BERKELEY CA

SMITH COLLEGE, NORTH HAMPTON MA

YALE UNIVERSITY, NEW HAVEN CT

HARVARD UNIVERSITY, CAMBRIDGE MA

GEORGIA COLLEGE, MILLEDGEVILLE GA

GM TECH CENTER, WARREN MI

McGILL UNIVERSITY, MONTREAL QC

SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016

McGILL UNIVERSITY, MONTREAL QC

GEORGIA COLLEGE, MILLEDGEVILLE GA

MIT, CAMBRIDGE MA

MARQUETTE UNIVERSITY, MILWALKEE MN

YALE UNIVERSITY, NEW HAVEN CT

UC SAN DIEGO, SAN DIEGO CA

UC SAN DIEGO, SAN DIEGO CA

BOSTON CITY HALL, BOSTON MA

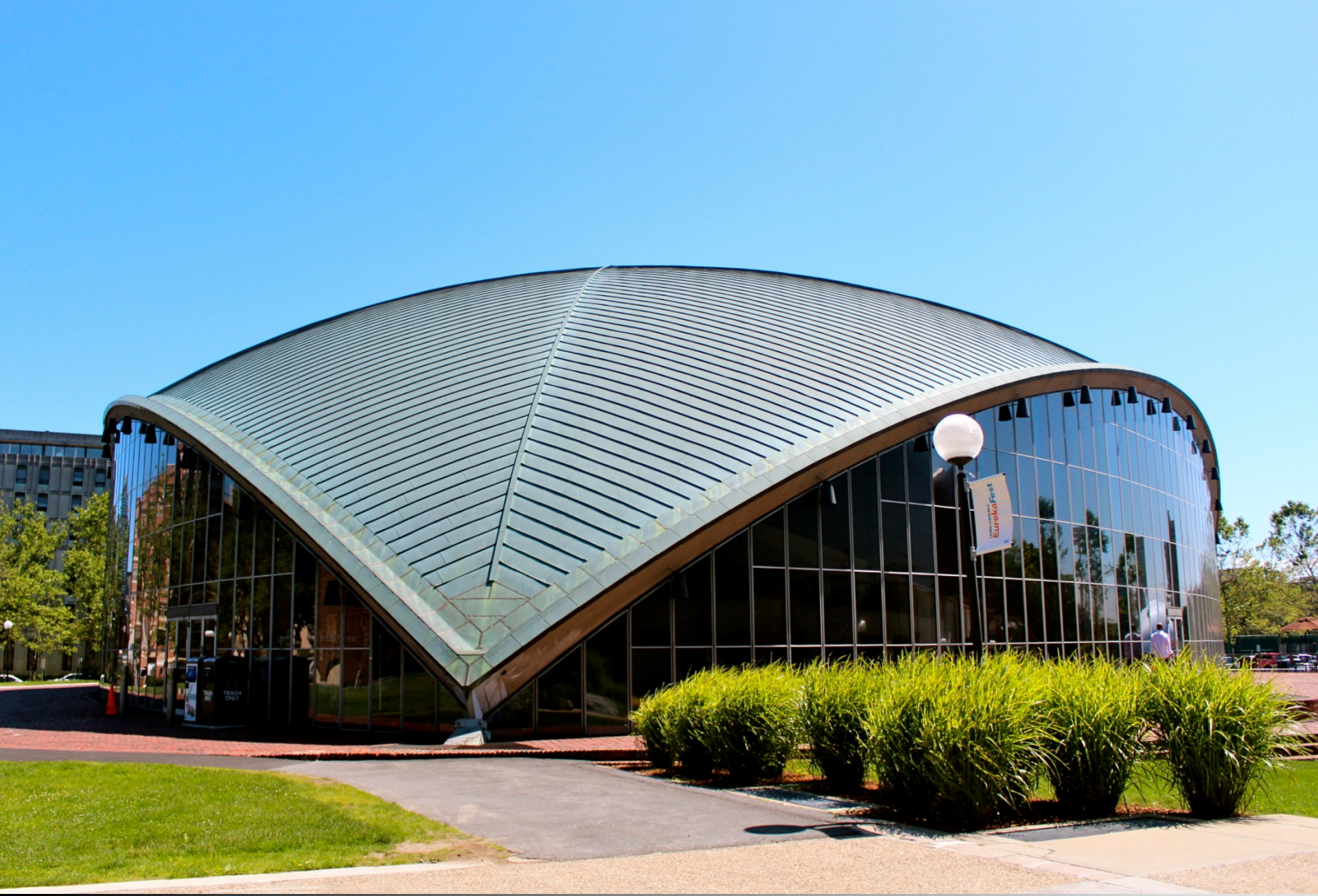
UNIVERSITY OF TORONTO, TORONTO ON

UC SAN DIEGO, SAN DIEGO CA

SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016

BRANDEIS UNIVERSITY, WALTHAM MA

SIMON FRASER UNIVERSITY, VANCOUVER BC



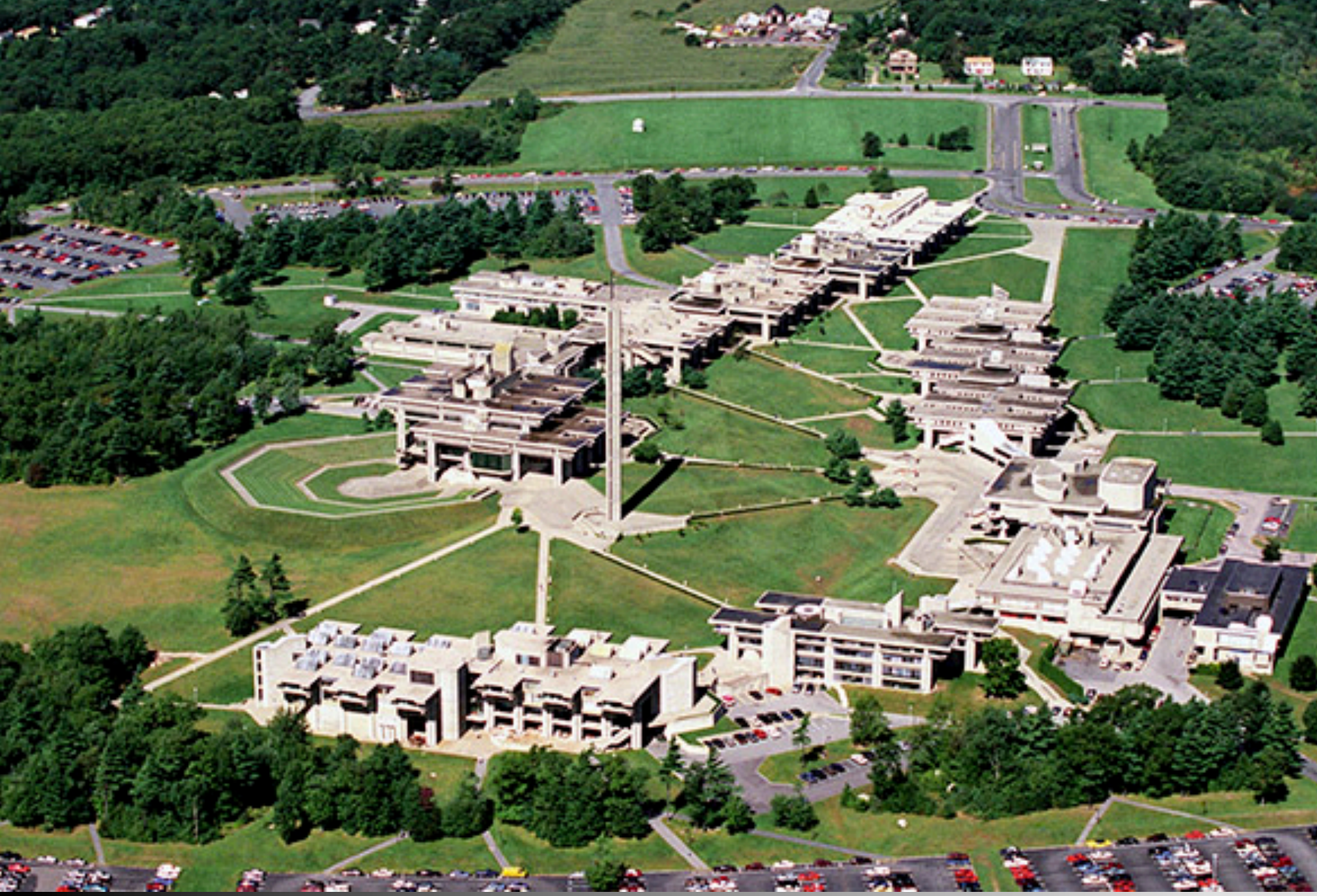
MIT, CAMBRIDGE MA

UNIVERSITY OF TORONTO, TORONTO ON

PRINCETON UNIVERSITY, PRINCETON NJ

U OF WASHINGTON, SEATTLE WA

SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016



U MASS DARTMOUTH, DARTMOUTH MA

U MASS DARTMOUTH, DARTMOUTH MA

U MASS DARTMOUTH, DARTMOUTH MA

BARNARD COLLEGE, NEW YORK NY

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO IL

AMBASSADOR COLLEGE, PASADENA CA

HARVARD UNIVERSITY, CAMBRIDGE MA

HARVARD UNIVERSITY, CAMBRIDGE MA

CORNELL UNIVERSITY, ITHICA NY

CAL POLY, SAN LUIS OBISPO CA

UNIVERSITY OF MASSACHUSETTS, AMHERST MA

AMBASSADOR COLLEGE, PASADENA CA

UNIVERSITY OF NEW HAMPSHIRE, DURHAM NH

SIMON FRASER UNIVERSITY, VANCOUVER BC

ITHACA COLLEGE, ITHACA NY

BOSTON ARCHITECTURAL COLLEGE, BOSTON MA

ITHACA COLLEGE, ITHACA NY

SIMON FRASER UNIVERSITY, VANCOUVER BC

ILLINOIS INSTITUTE OF TECHNOLOGY, CHICAGO IL

TITLE HERE
ENCODE NORMAL BLACK, 50 PT.

PRESENTATION ORDER:

- JIM CARROLL – AUBURN
- COLIN TENNENT – U. OF SASKATCHEWAN
- JIM YARRINGTON – R.I.T.
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Brick Brutalism and the Image & Character of Auburn University

Jim Carroll
University Architect
Auburn University

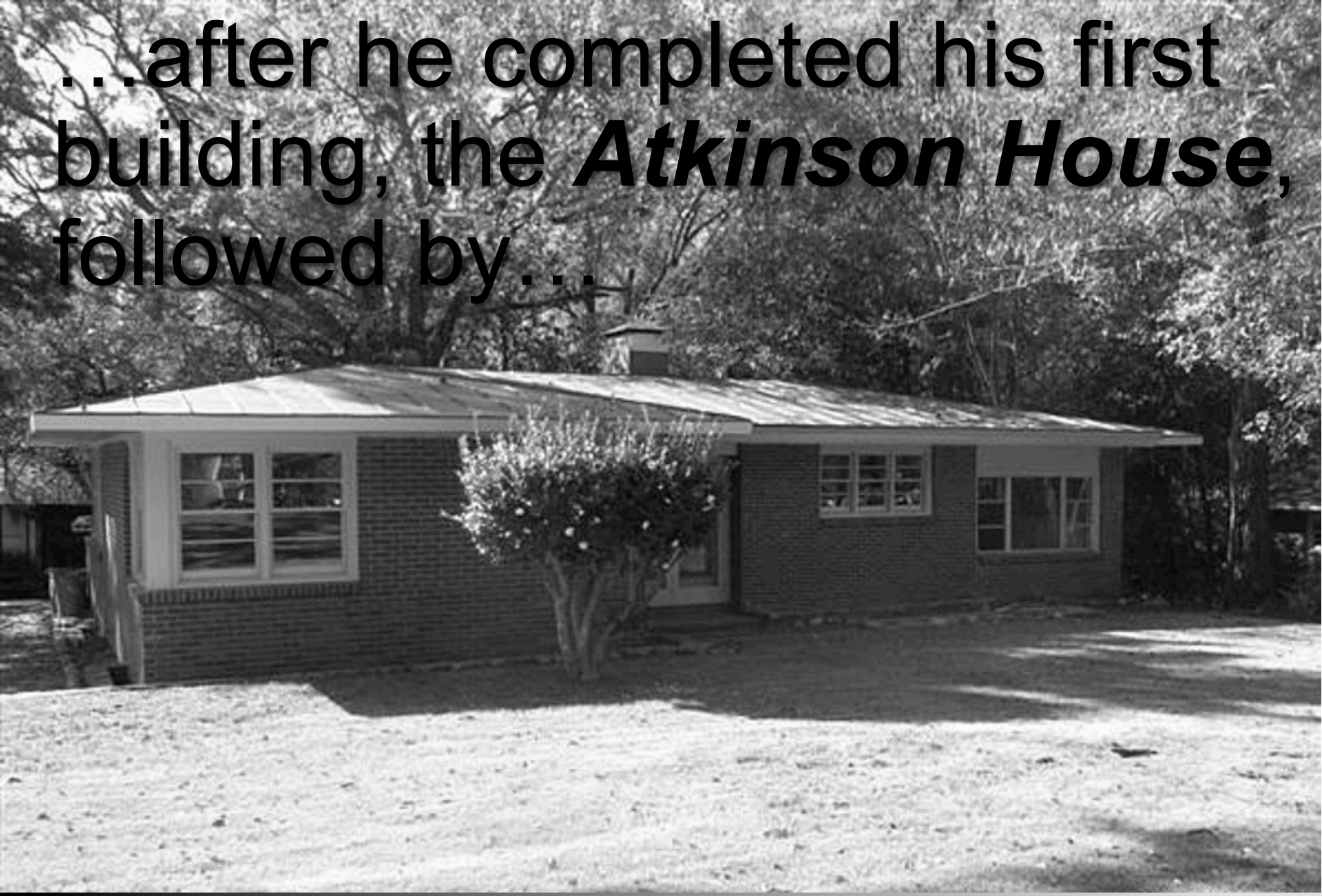
Although the concept of ***Brutalism*** didn't start in Auburn, Paul Rudolph did!

Paul Rudolph, Class of 1940
Auburn University

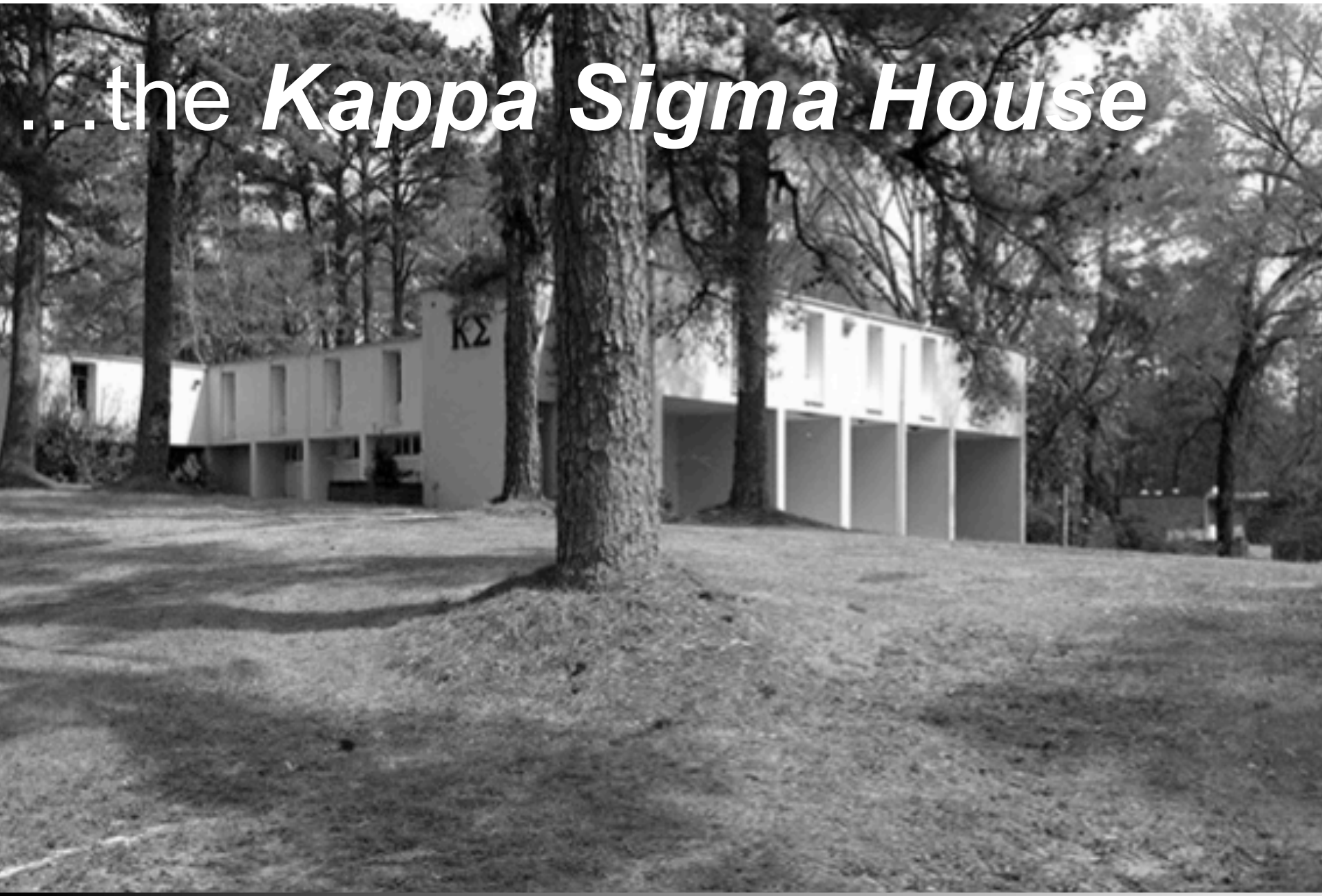
Paul Rudolph, Class of 1940
Auburn University

Paul Rudolph left Auburn in 1940…

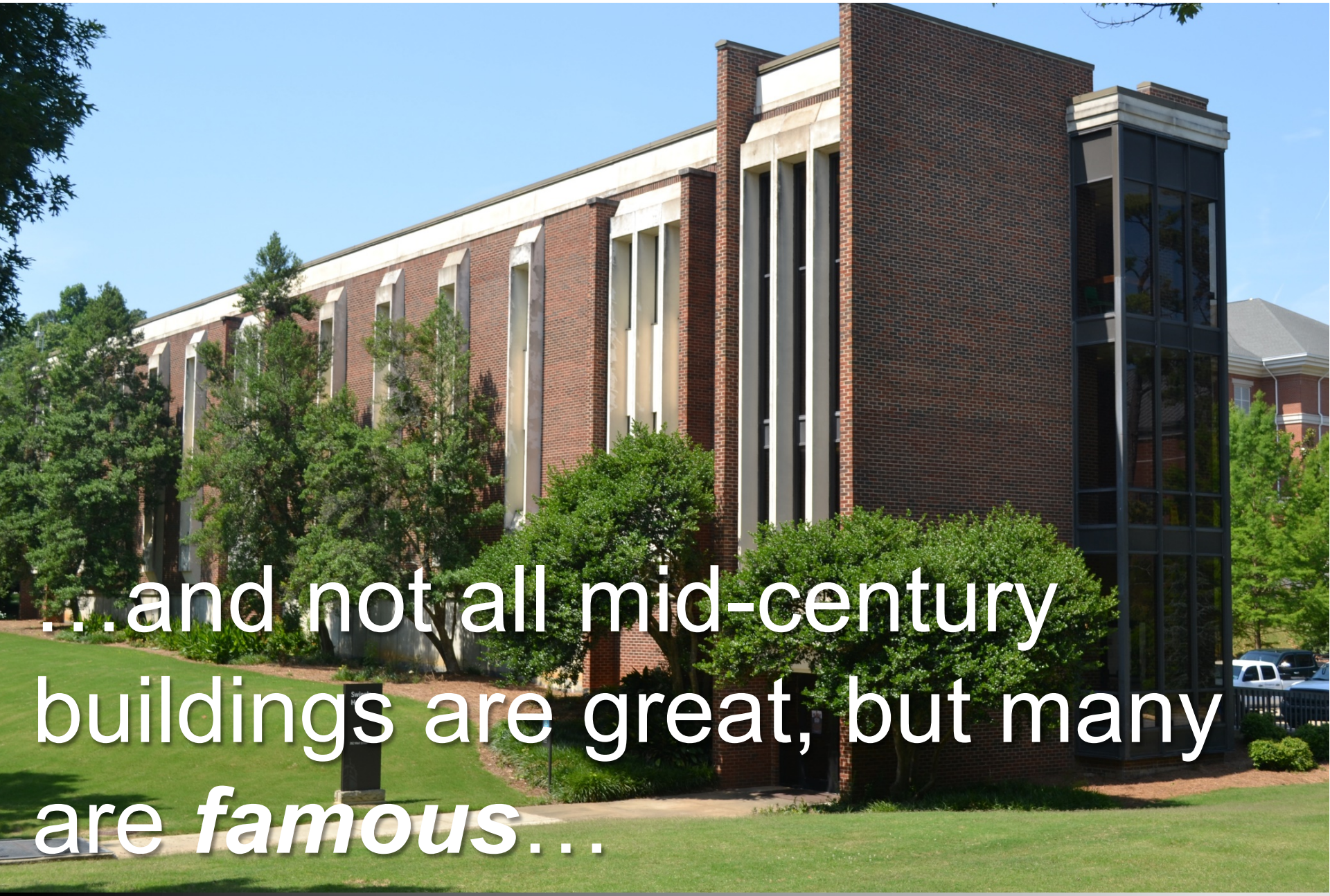
…after he completed his first building, the ***Atkinson House***, followed by…



…the ***Applebee House***, and…


…the *Kappa Sigma House*
ΚΣ

…not all *great* mid-century buildings are done by famous architects…


…and not all mid-century buildings are great, but many are *famous*…

…at least on campus…

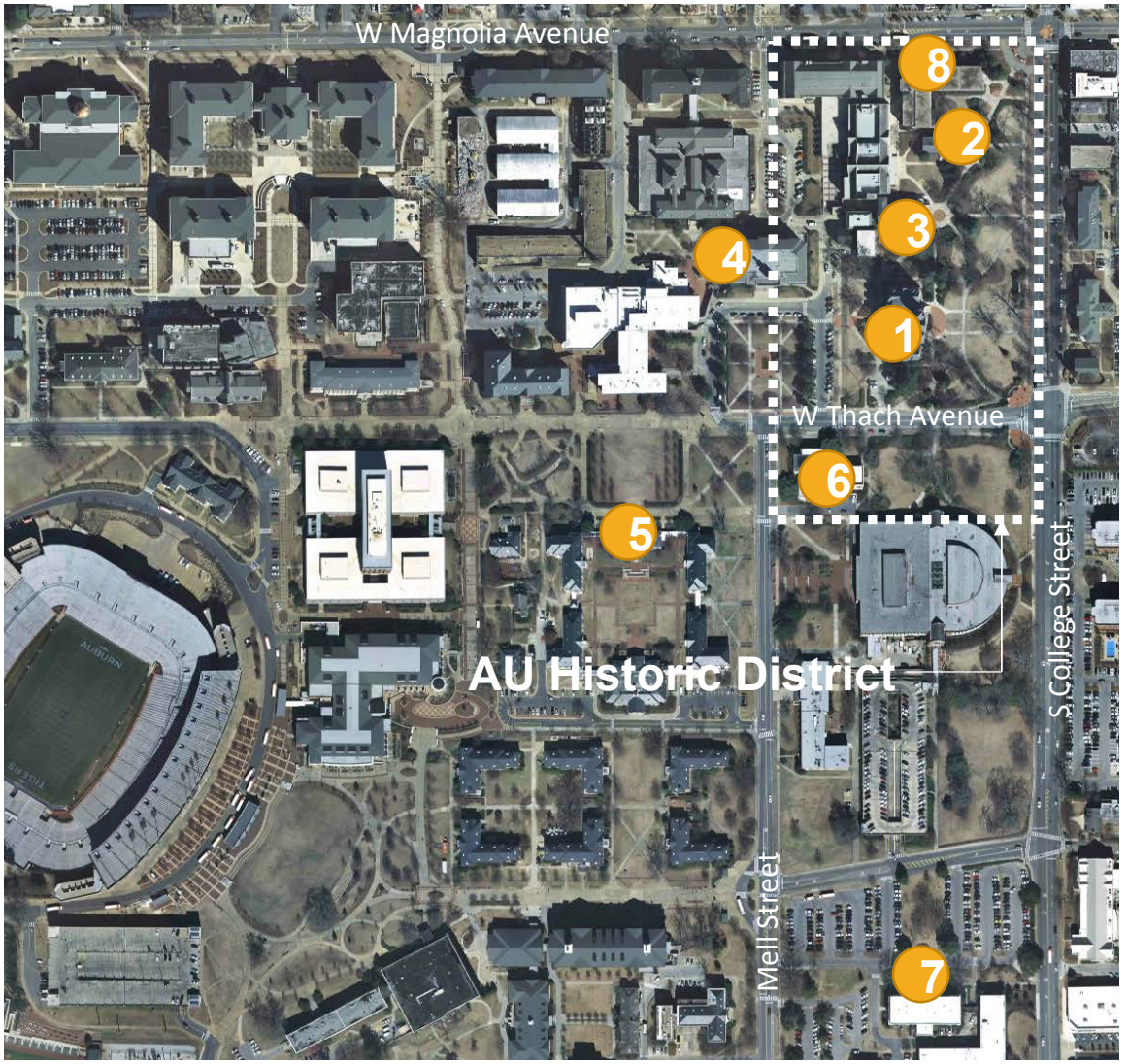
…at least on campus…

…or perhaps ***infamous***…

Image & Character

"Big 8" Buildings

1. Samford Hall
2. Hargis Hall
3. Langdon Hall
4. Ross Hall
5. Cater Hall
6. Mary Martin Hall
7. Comer Hall
8. Biggin Hall



Historical
Classical
Admired

Image & Character

Samford Hall

Historical
Classical
Admired

Image & Character

Hargis Hall

Historical
Classical
Admired

MS STATE UNIVERSITY

Image & Character

Langdon Hall

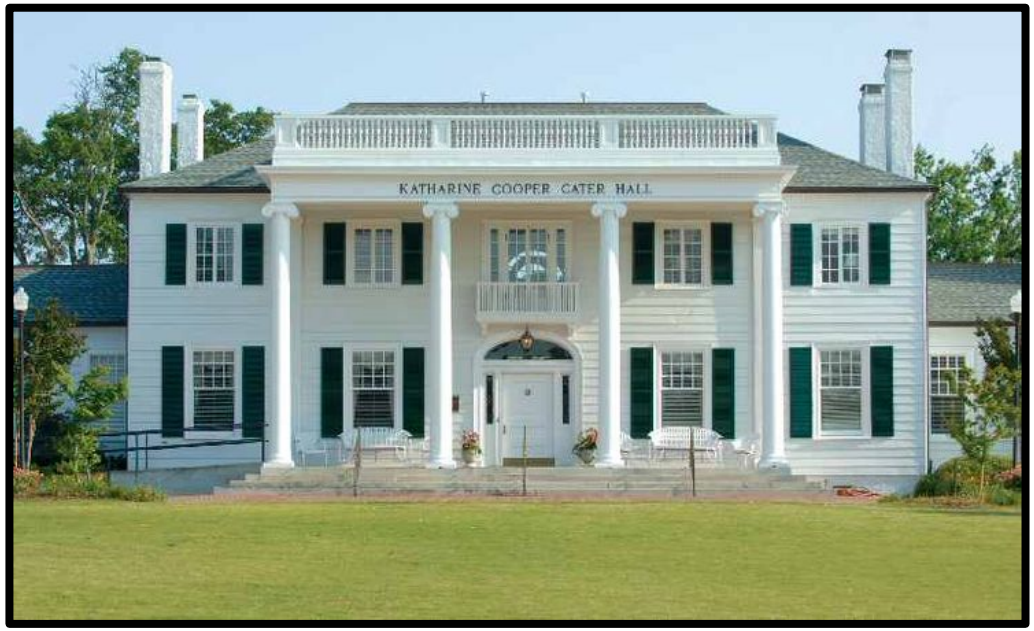
Historical
Classical
Admired

Image & Character

Ross Hall

Historical
Classical
Admired

Image & Character



Cater Hall

Historical
Classical
Admired

Image & Character

Mary Martin Hall

Historical
Classical
Admired

Image & Character

Comer Hall

Historical
Classical
Admired

Image & Character – *?*

Biggin Hall

Award-winning
Classical
Not-admired *(except by architects)*

MS STATE UNIVERSITY

Image & Character – *?*

Biggin Hall

Award-winning
Classical
Not-admired *(except by architects)*

Image & Character – *?*

Biggin Hall

Award-winning
Classical
Not-admired *(except by architects)*

NC STATE UNIVERSITY

Image & Character – *?*

Foy Hall

Award-winning
Classical
Not-admired *(except by architects)*

MS STATE UNIVERSITY

Image & Character – *?*

Foy Hall

Award-winning
Classical
Not-admired *(except by architects)*

Image & Character – *?*

Foy Hall

Award-winning
Classical
Not-admired *(except by architects)*

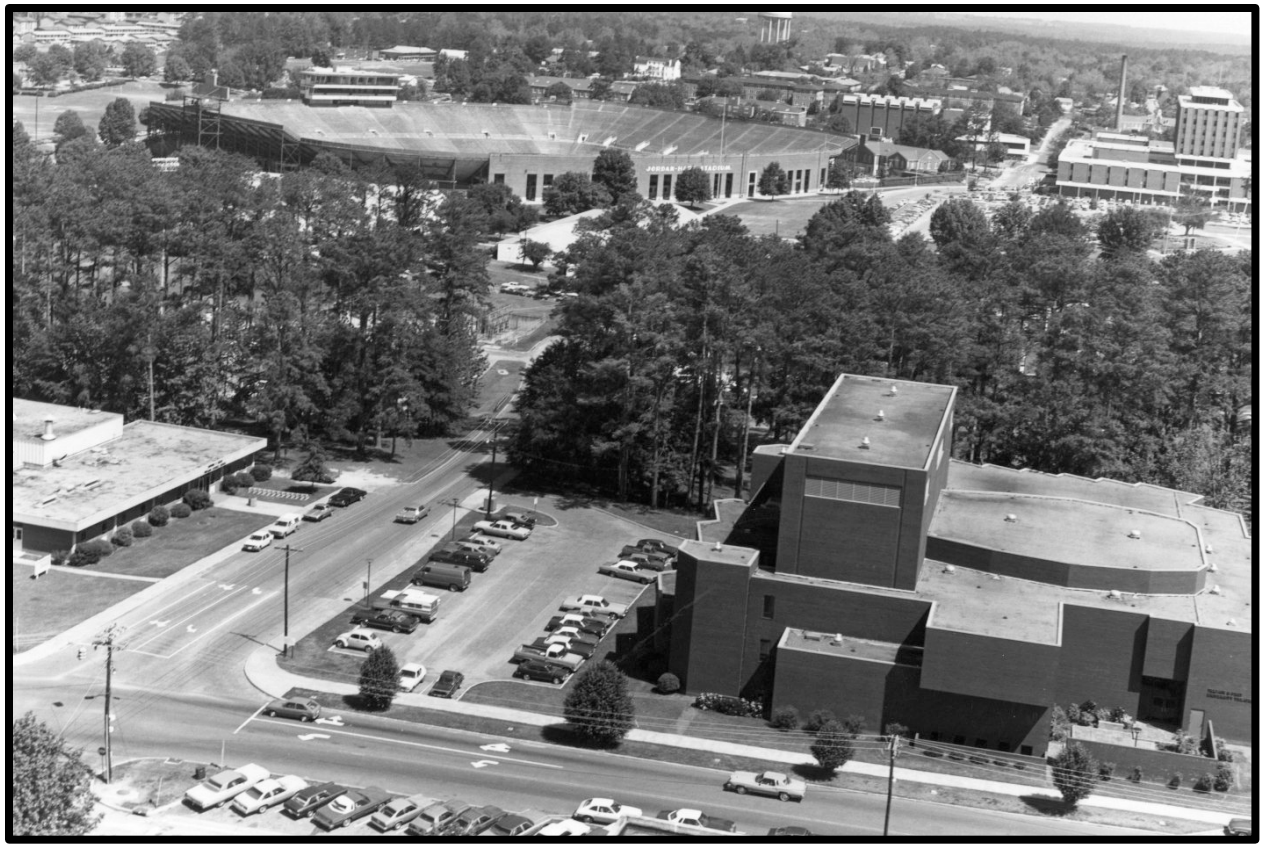
MS STATE UNIVERSITY

Image & Character – ***No!***

Walker Building

Brutal
Massive
Unfriendly *(according to non-architects)*

Image & Character – ***No!***



Arts Center

Brutal
Massive
Unfriendly *(according to non-architects)*

Image & Character – ***No!***

Arts Center

Brutal
Massive
Unfriendly *(according to non-architects)*

Image & Character – ***No!***

Goodwin Hall

Brutal
Massive
Unfriendly *(according to non-architects)*

NC STATE UNIVERSITY

Image & Character – ***No!***

Dudley Hall

Brutal
Massive
Unfriendly *(according to non-architects)*

WASHINGTON STATE UNIVERSITY

Image & Character – ***No!***

Peet Theatre

Brutal
Massive
Unfriendly *(according to non-architects)*

What's next?

LEGEND Existing Building | Proposed New Facility | Proposed Addition/Renovation

PROPOSED NEW FACILITIES (2016-2020)

- N1. Academic Classroom & Laboratory Complex (ACLC)
- N2. Agricultural Sciences Research Building
- N3. Auxiliary Services Maintenance Building
- N4. Band Rehearsal Field Buildings
- N5. College of Education Building
- N6. Engineering Student Achievement Center
- N7. Graduate Business Education Building
- N8. Interdisciplinary Science Building
- N9. Mell Classroom Building
- N10. Pharmaceutical Research Building
- N11. School of Nursing Building
- N12. Service Building
- N13. Surface Parking (CDV Extension Site)

Not Shown on Map

- Airport T-Hangars
- Library Archiving Facility
- Performing Arts Center
- Veterinary Medicine Research Building

PROPOSED ADDITION AND/OR RENOVATION (2016-2020)

- A1. Athletics Administration Complex Expansion
- A2. Auburn Arena Renovation - Volleyball Support
- A3. Auburn Memorial Project
- A4. Band Rehearsal Hall & Goodwin Hall Renovation
- A5. Broun Hall Renovation
- A6. Cater Hall Renovation (Phase 2)
- A7. Draughon Library Renovation - Classrooms
- A8. Gavin Research Laboratory Building Renovation
- A9. Haley Center Renovation - Mathematics
- A10. Hill Residence Halls Renovation
- A11. Jordan-Hare Stadium North End-Zone Expansion
- A12. Leach Sciences Center Addition & Renovation
- A13. Petrie Hall Renovation
- A14. President's House Renovation

Master Plan 2016-2020

Respectful
Contextual
Appropriate

What's next?

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Not Shown on Map

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Master Plan 2016-2020

Massing
Palette
Siting

What's next?

LEGEND Existing Building | Proposed New Facility | Proposed Addition/Renovation

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Master Plan 2016-2020

Longevity
Continuity
Consistency

What's next?

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Master Plan 2016-2020

Firmness
Commodity
Delight

Questions?

Photos courtesy of Special Collections at Auburn University

Jim Carroll
University Architect
Auburn University

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- RICHARD YEAGER – U. MASS DARTMOUTH

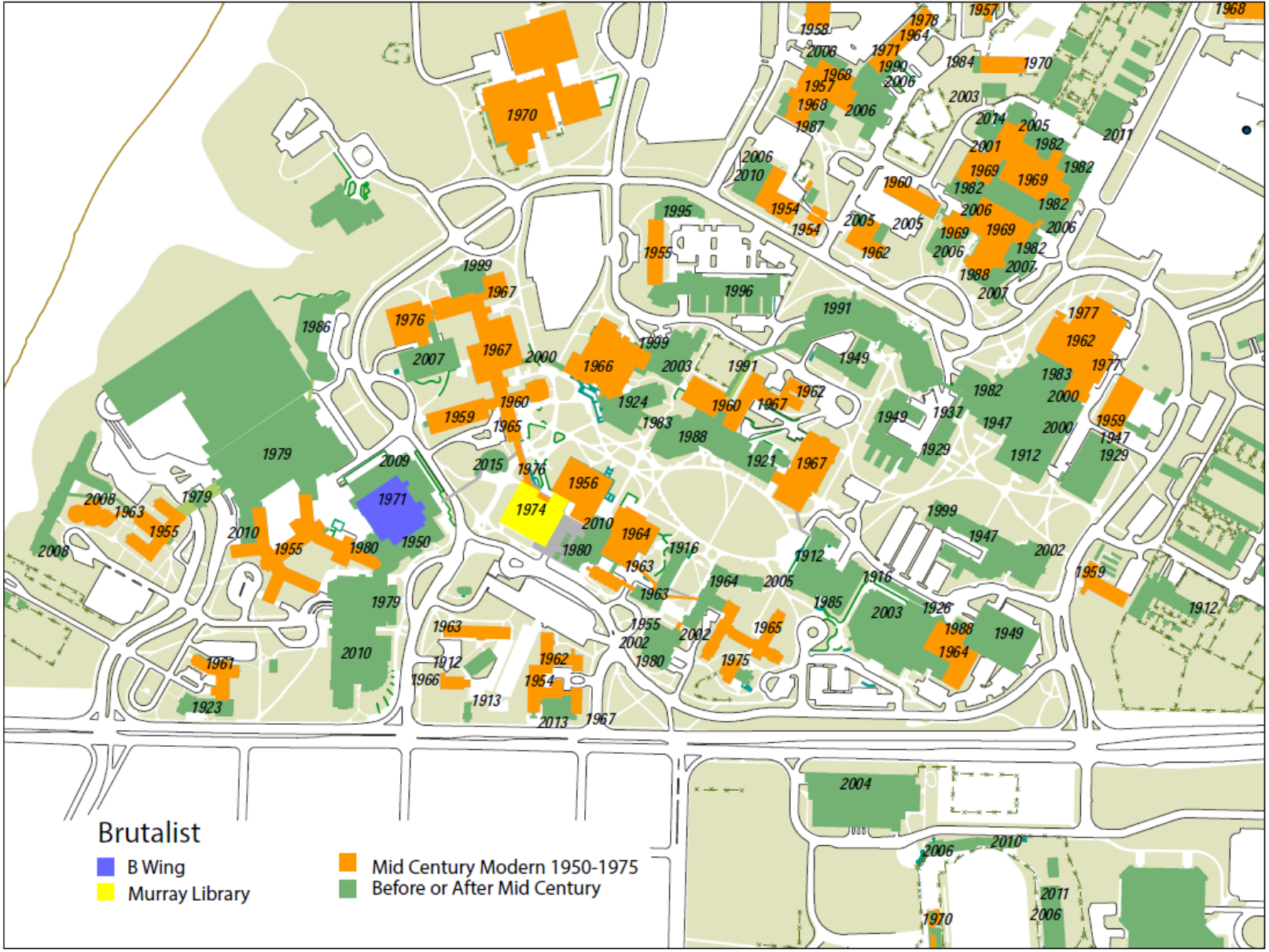
University of Saskatchewan

If One Can't Beat Brutalism, Wrap It Up

Brutalist architecture: flourished from the 1950s to the mid-1970s from the French word for "raw" in the term used by Le Corbusier to describe his choice of material béton brut (raw concrete). British architectural critic Reyner Banham adapted the term into "brutalism" (originally "New Brutalism") to identify the emerging style.

- typically massive in character, fortress-like, with a predominance of exposed concrete popular for educational buildings (especially university buildings)

Condensed from Wikipedia



Locations of Mid-Century and Specific ‘Brutalist’ Buildings

Case 1: Health Sciences Complex – B Wing

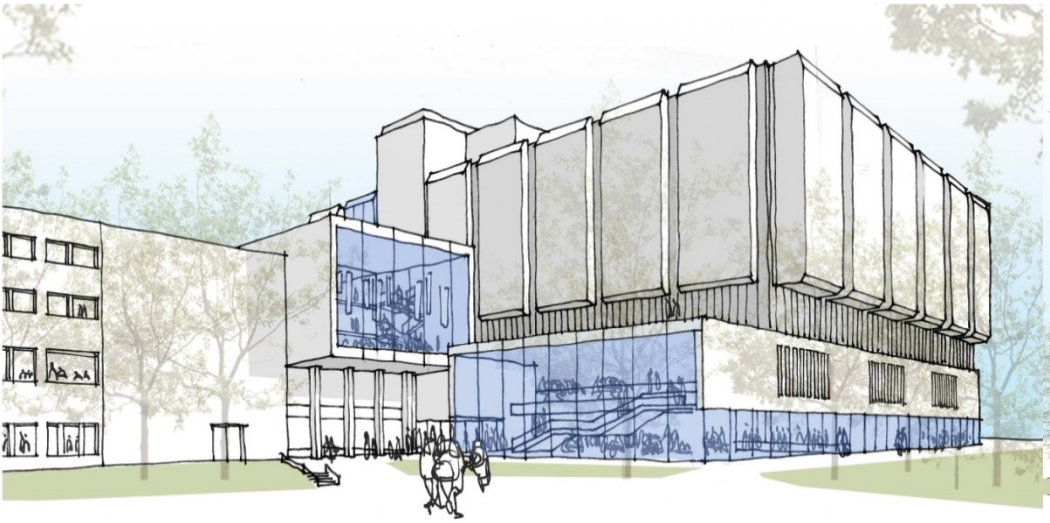
The impression of raw concrete was achieved by bush-hammering Tyndall Stone slabs (meeting the letter of the law in terms of U of S design guidelines)

Case 1: Health Sciences Complex – B Wing

Note vestiges of the B (for Brutalist) Wing beyond

Case 2: Murray Library Building

Similar bush-hammered dolomitic limestone. Note windows punched in upper floor enclosure to allow natural light as stacks were reduced and occupants increased



Case 2: Murray Library Building

Ground level in-fill additions to increase building functionality and reduce sterility

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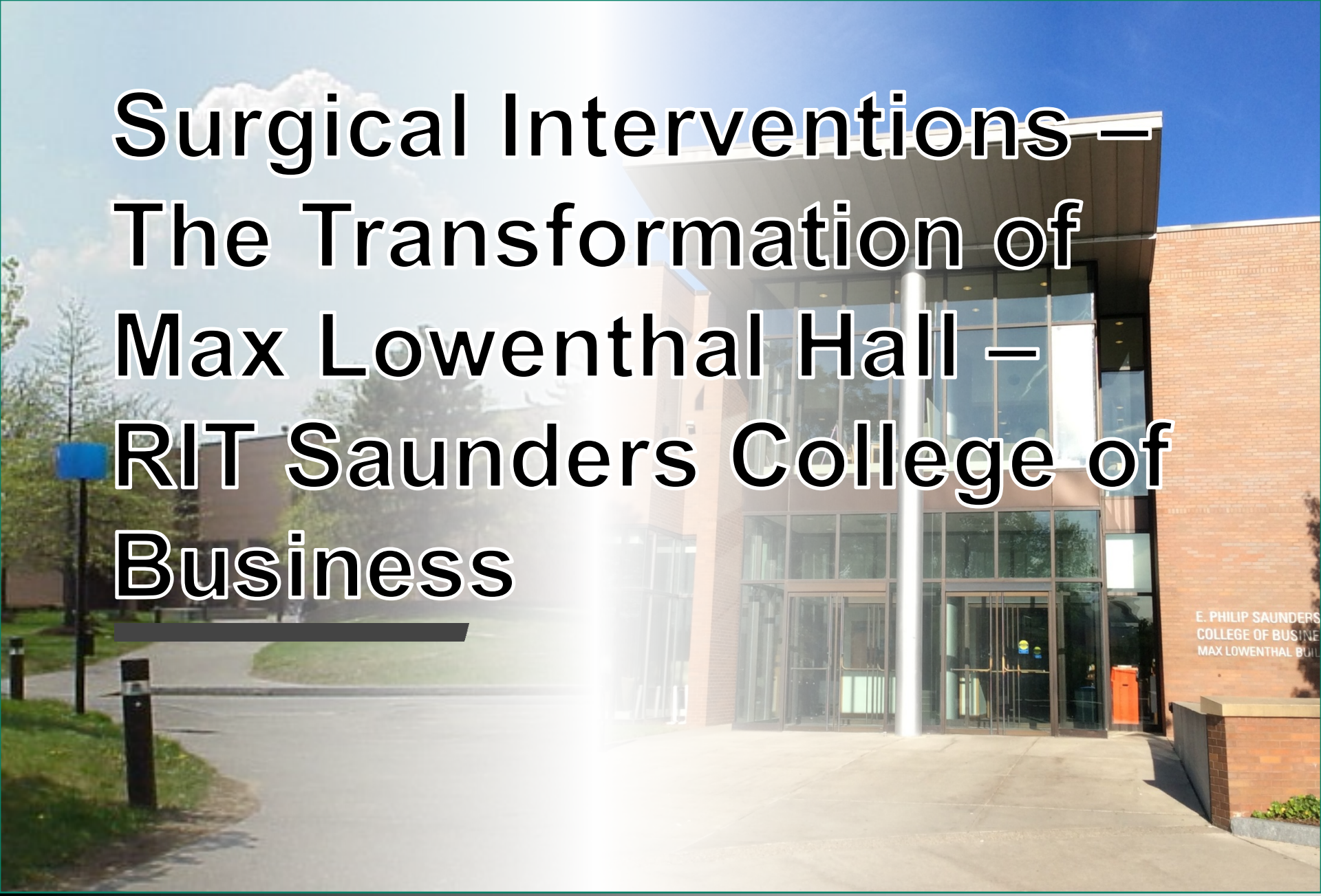
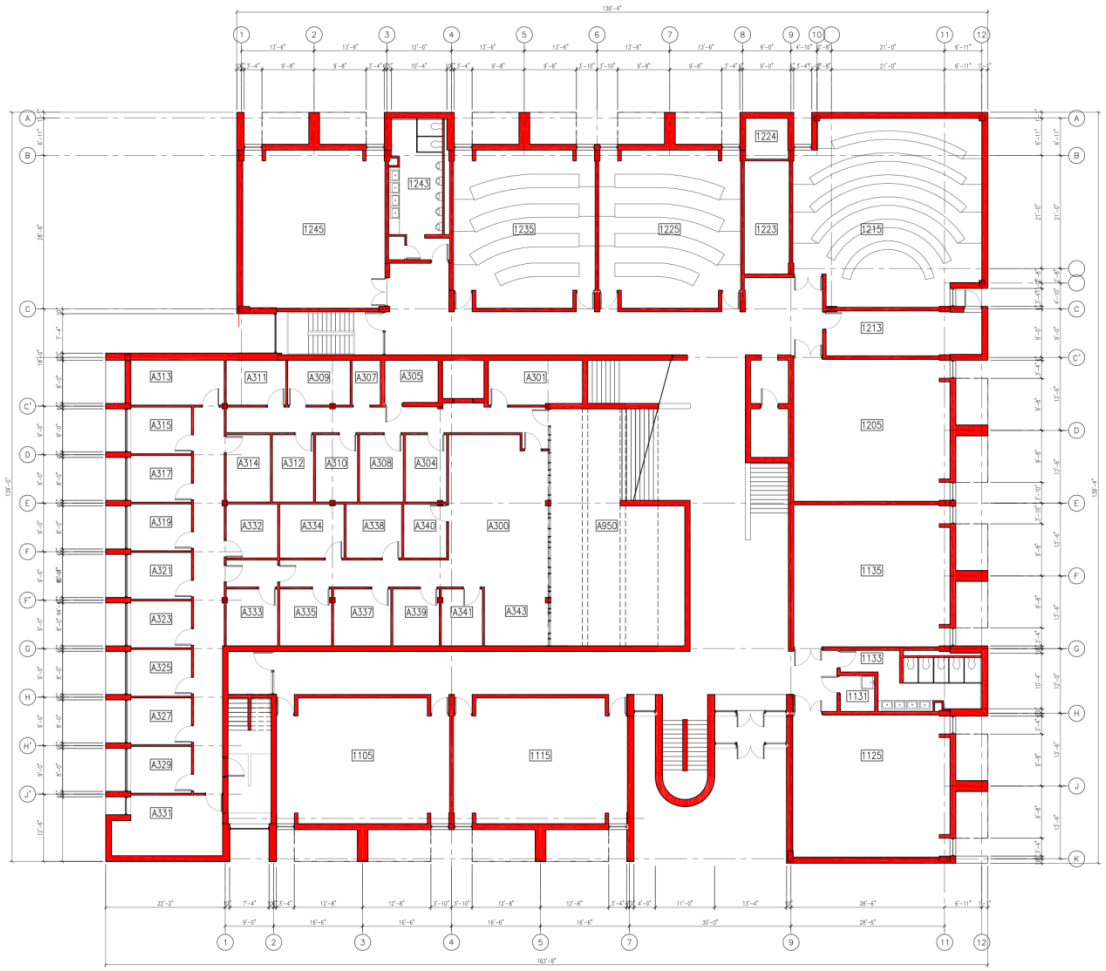
Surgical Interventions – The Transformation of Max Lowenthal Hall – RIT Saunders College of Business





EXISTING CONDITION

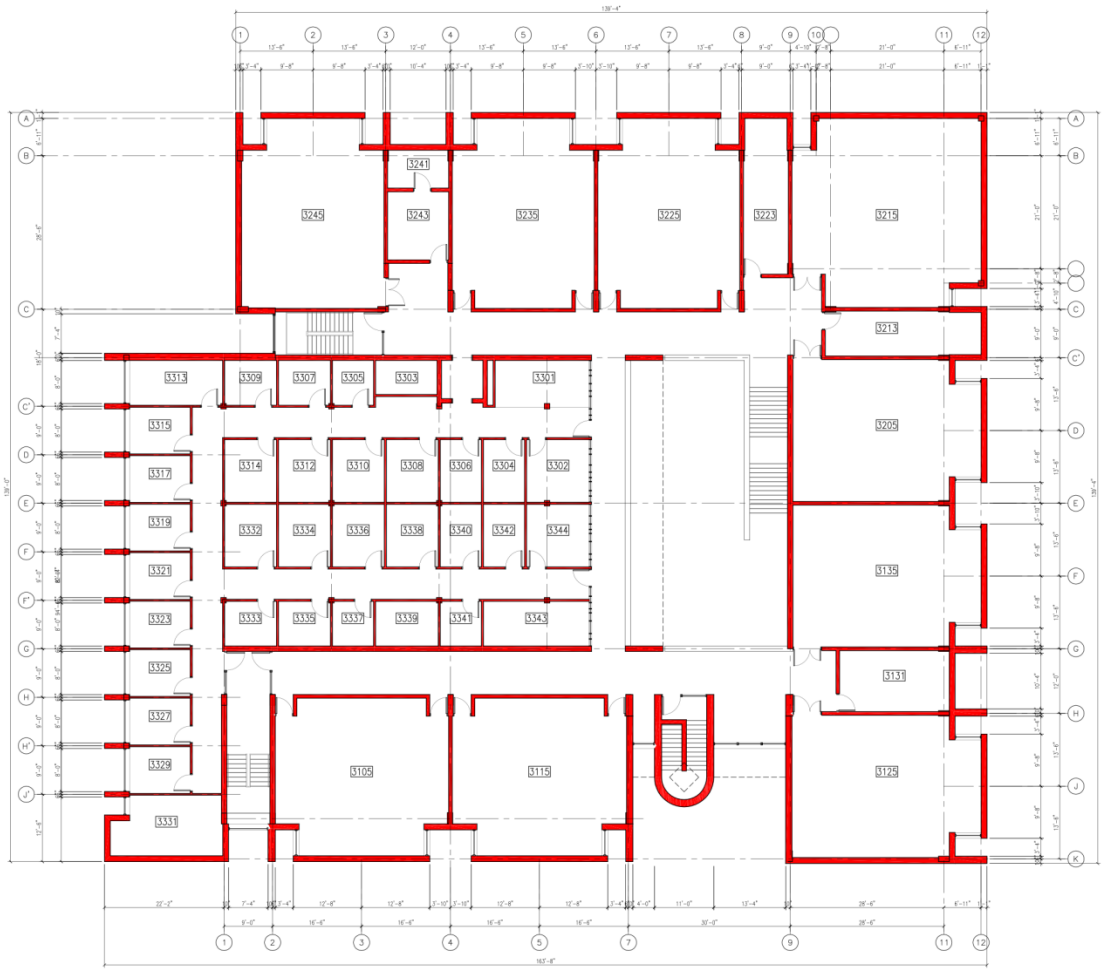
EL. 0'-0" & 5'-0"
GROUND AND FIRST FLOOR PLANS

Rochester Institute of Technology

College of Business

Kallmann, McKinnell & Wood Architects, Inc.

SCALE: 3/32"=1'-0"



EXISITING CONDITION

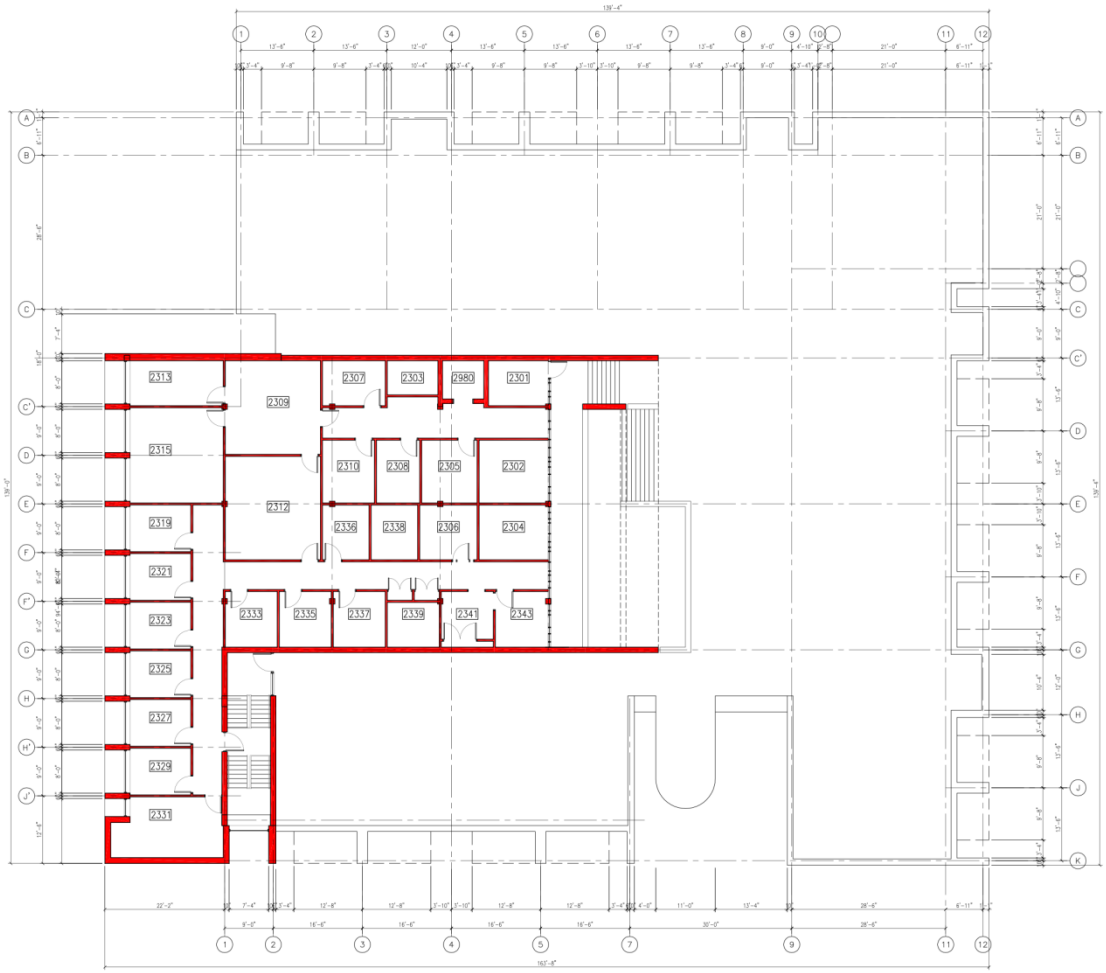
EL. 20'-0"
SECOND FLOOR PLAN

Rochester Institute of Technology

College of Business

Kallmann, McKinnell & Wood Architects, Inc.

SCALE: 3/32"=1'-0"



EXISTING CONDITION

EL. 10'-0"
MEZZANINE FLOOR PLAN

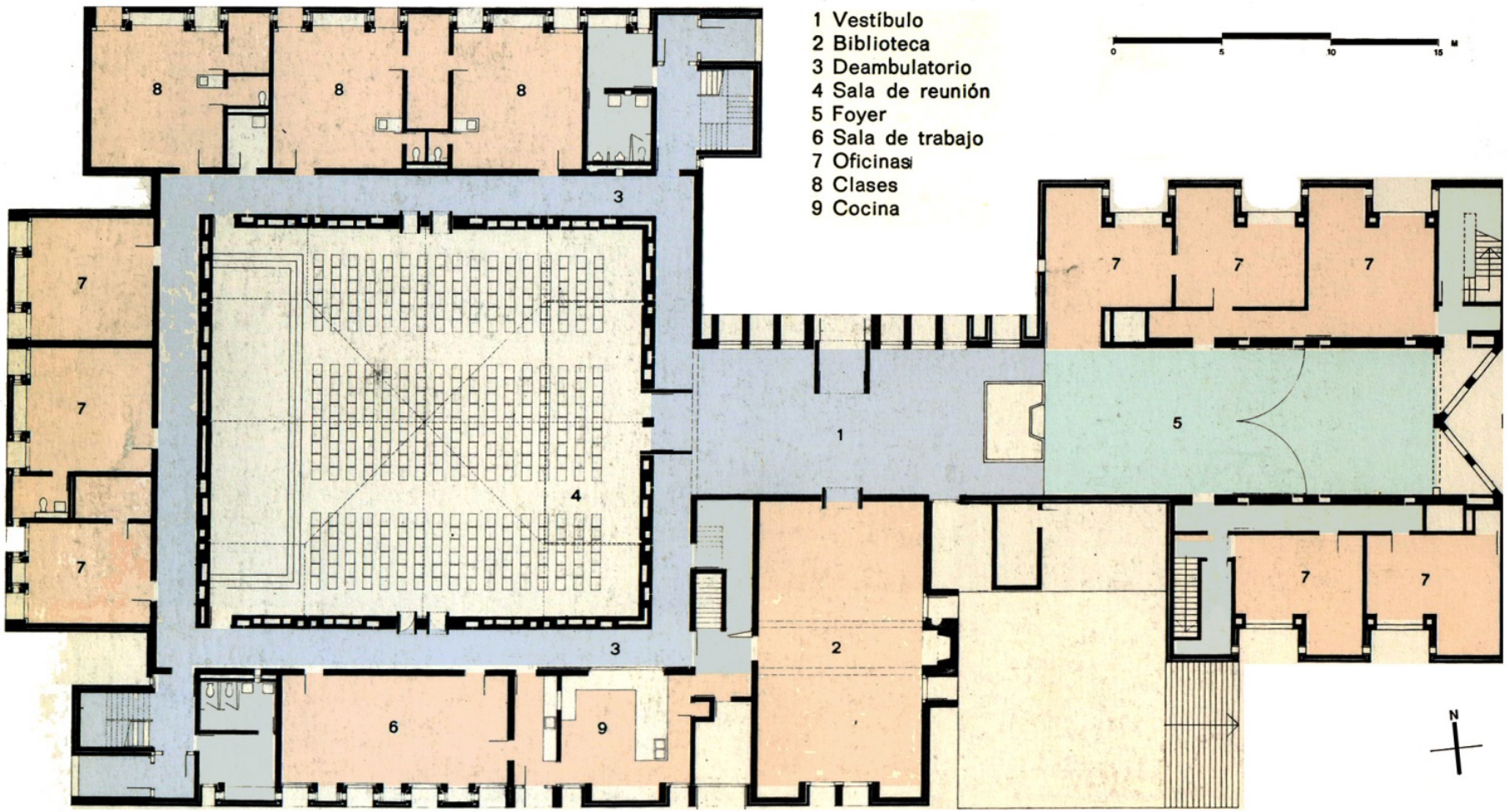
Rochester Institute of Technology

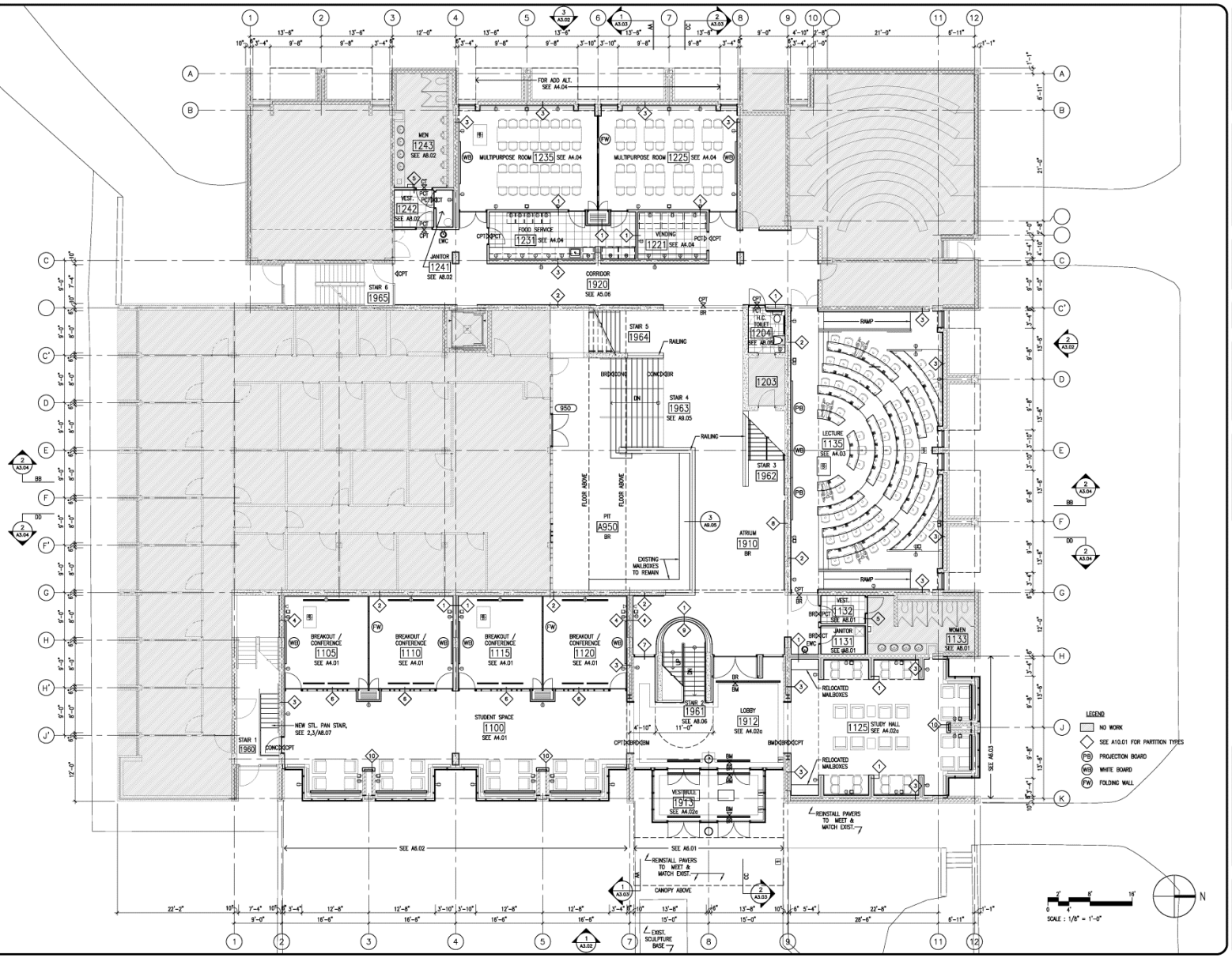
College of Business

Kallmann, McKinnell & Wood Architects, Inc.

SCALE: 3/32"=1'-0"

Stand on the
side of LOVE


1 Vestíbulo
2 Biblioteca
3 Deambulatorio
4 Sala de reunión
5 Foyer
6 Sala de trabajo
7 Oficinas
8 Clases
9 Cocina
0
5
10
15
M
N



Consultant Name and Logo

KMW

Kallmann, McKinnell & Wood Architects

939 Boylston Street
Boston, MA 02115

tel: 617.267.0808
fax: 617.267.6999

Consultant Name and Logo

Consultant Project Information

Drawn By tjr Checked By bw

Proj Mgr tjr Proj # 20550

CADD File A2-01.dwg

Drawing Issue Date

04/03/06

Approval Signatures & Dates

Consultant _____ Date _____

Consultant _____ Date _____

Owner _____ Date _____

Client _____ Date _____

Architect/Engineering Stamps

R I T

Rochester Institute of Technology
Design & Construction Svcs
Rochester, NY 14623

RIT Building Name

College of Business
Max Lowenthal Bldg.

RIT Bldg No 012

RIT Project Manager

Charles Bruno

Project Area

College of Business

Project Name

Renovation

RIT Proj # 43158

Revisions

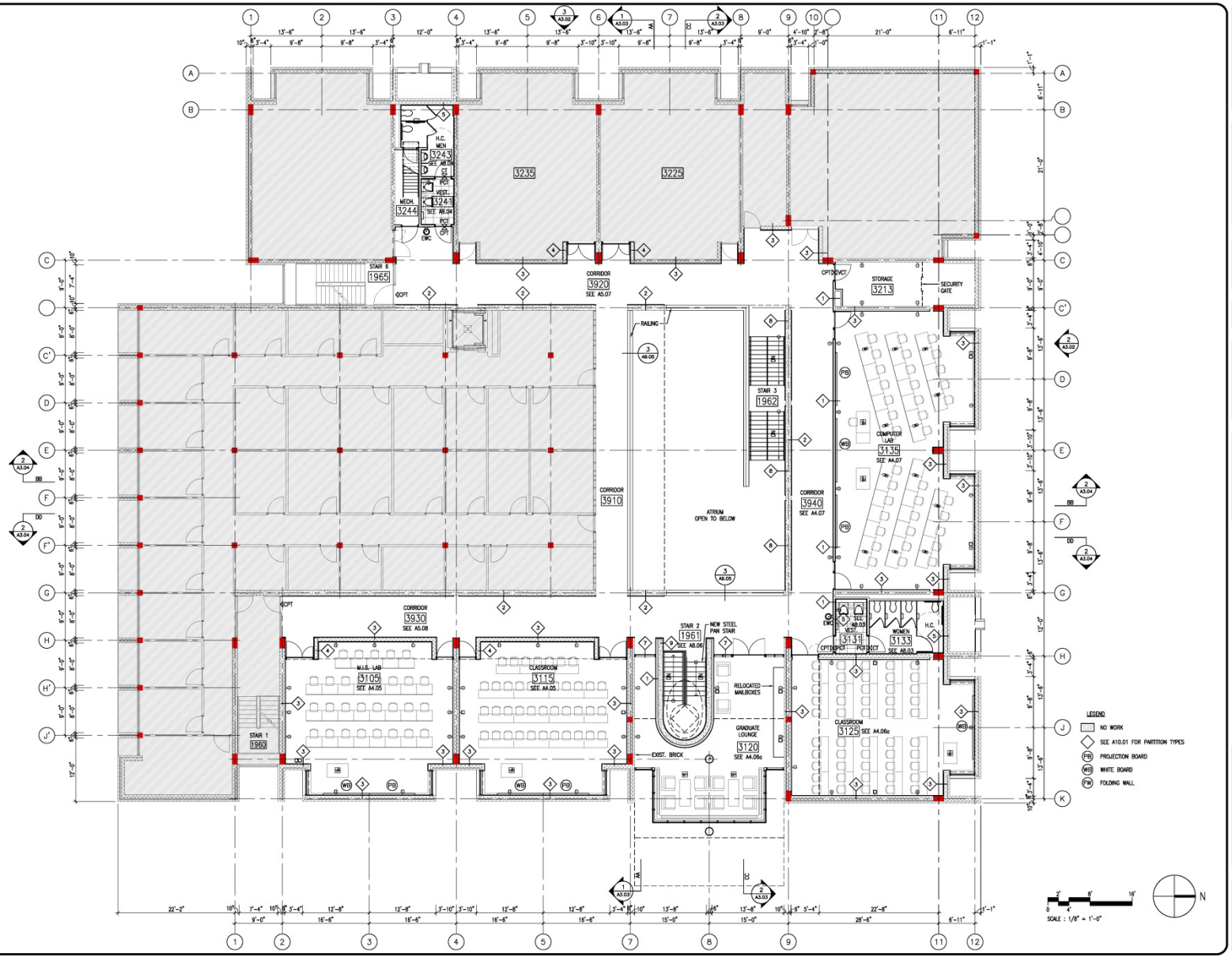
No	Date	By	Description

Sheet Title

Ground & First Floor Plan
El. 0'-0" & 5'-0"

Sheet Number

A2.01a



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CADD File A2-03.dwg

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Revisions

No	Date	By	Description

Sheet Title

Third Floor Plan
El. 20'-0"

Sheet Number

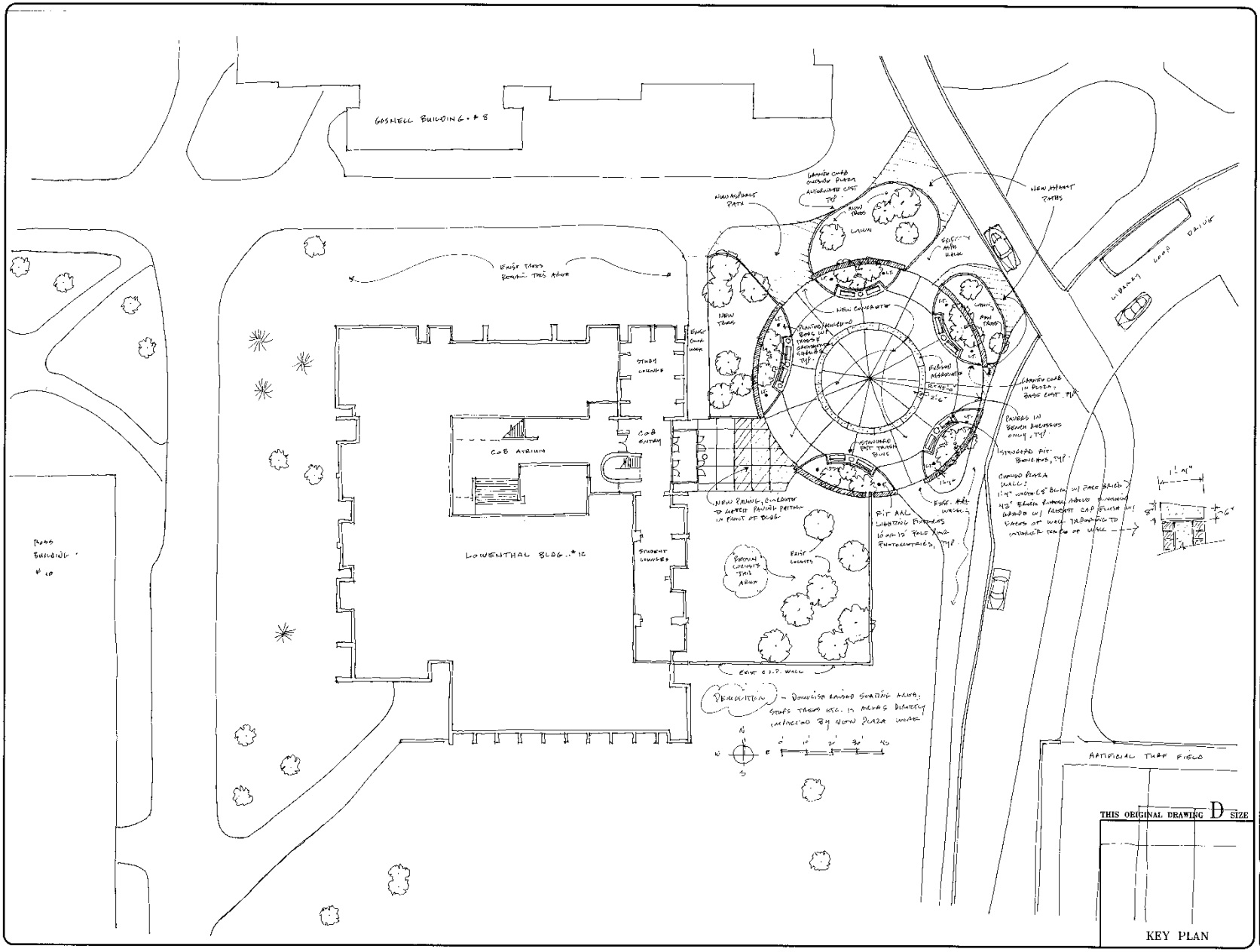
A2.03a

12
Max Lowenthal Building
RIT
College of Business

DEAN C. ZUTES ATRIUM

BOOK
DRIVE

EAN C. ZUTES ATRIUM
Integrating Leadership and Success
APICS
NGPA
VOTE



Consultant Name and Logo

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Consultant Name and Logo

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Consultant Project Information
Drawn By J.Y. Checked By COB
Proj Mgr J.Y. Proj # _____
CADD File _____ MTF-COB.DWG

Drawing Issue Date
12/15/06

Approval Signatures & Dates
Consultant _____ Date _____
Consultant _____ Date _____
Owner _____ Date _____
Client _____ Date _____

Architect/Engineering Stamps

R I T
Rochester Institute of Technology
Design & Construction Svcs
Rochester, NY 14623

RIT Building Name
COB PLAZA

RIT Bldg No 012

RIT Project Manager
J.YARRINGTON

Project Area
COB SITE

Project Name
PROPOSED SITE

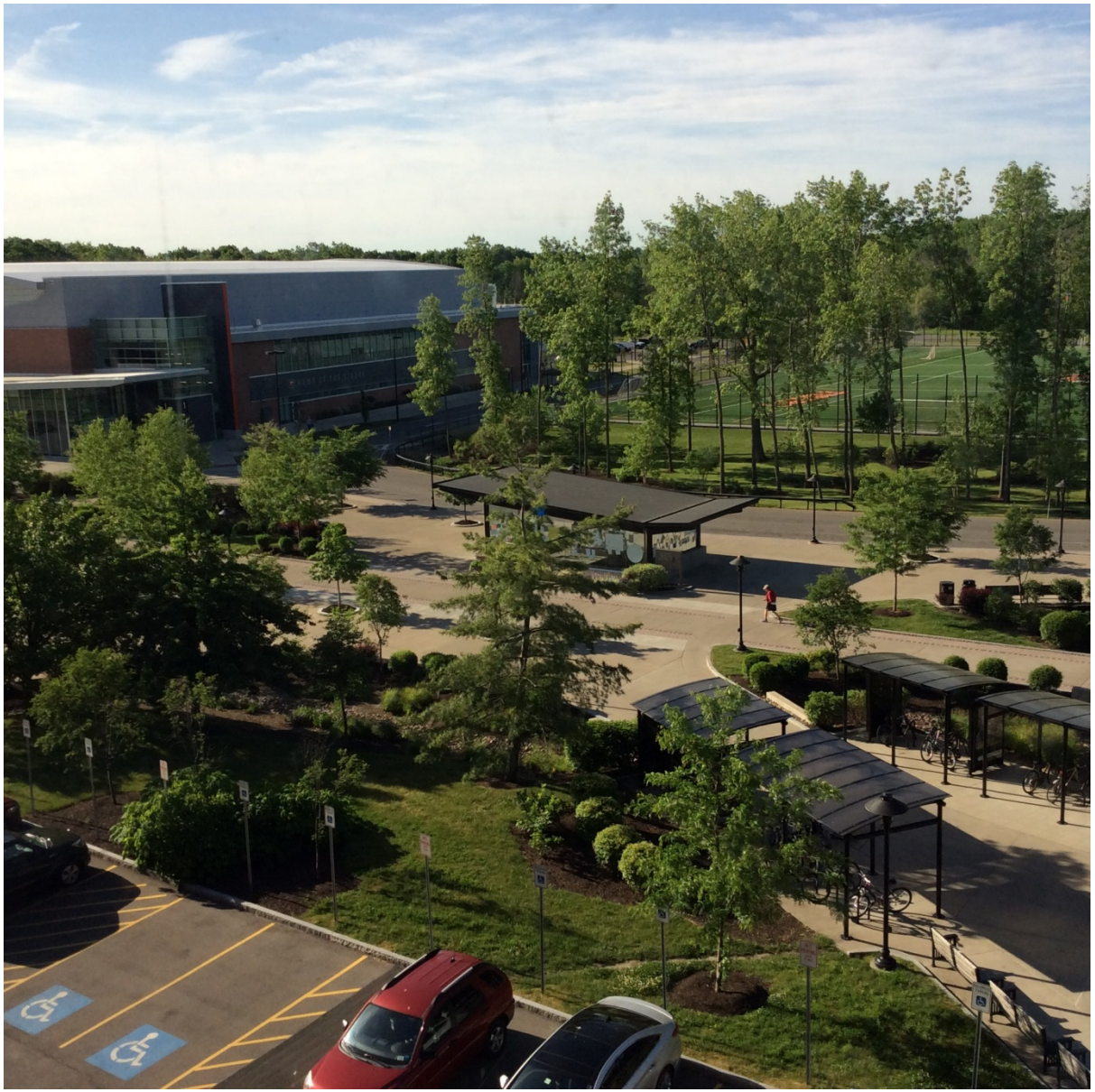
RIT Proj #

Revisions

No	Date	By	Description
1	12/15/06	JY	CONSTRUCTION ESTIMATE NOTES

Sheet Title
COB PLAZA

Sheet Number
A-101



E. PHILIP SAUNDERS
COLLEGE OF BUSINESS
MAX LOWENTHAL BUILDING·12

EXIT

EXIT

EXIT
Vending Machine

E. PHILIP SAUNDERS COLLEGE OF BUSINESS

EXIT
EXIT

EXIT

PRESENTATION ORDER:

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RUTGERS

THE STATE UNIVERSITY OF NEW JERSEY

Mid-Century Makeovers

Form Follows Function

Rutgers University's

"Livingston College"

A Social Experiment

Jeff Livingston

Chartered in 1766 as Queen's College, *our* ***250th birthday***

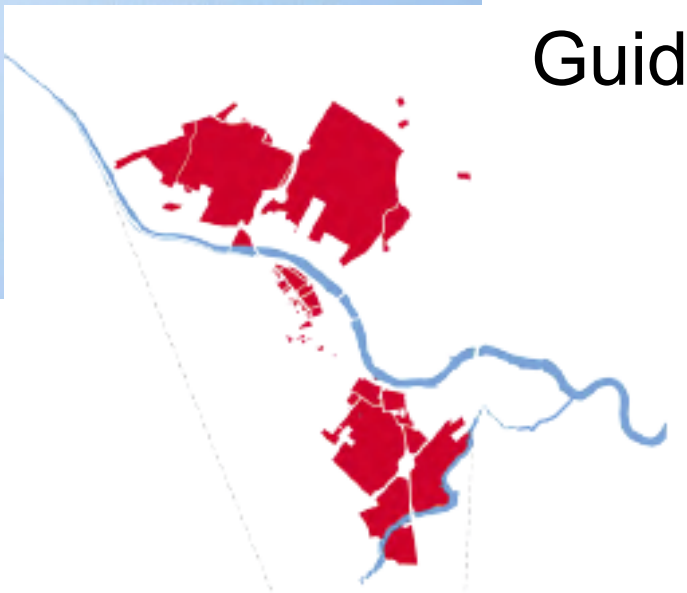
Eighth oldest college in the nation

Renamed Rutgers College in 1825

Named New Jersey's land-grant college in 1864

67,000 Undergrad/Graduate enrolled students
27,000 staff

1,200 Buildings, 28,000,000 sq/ft, 23,000 beds

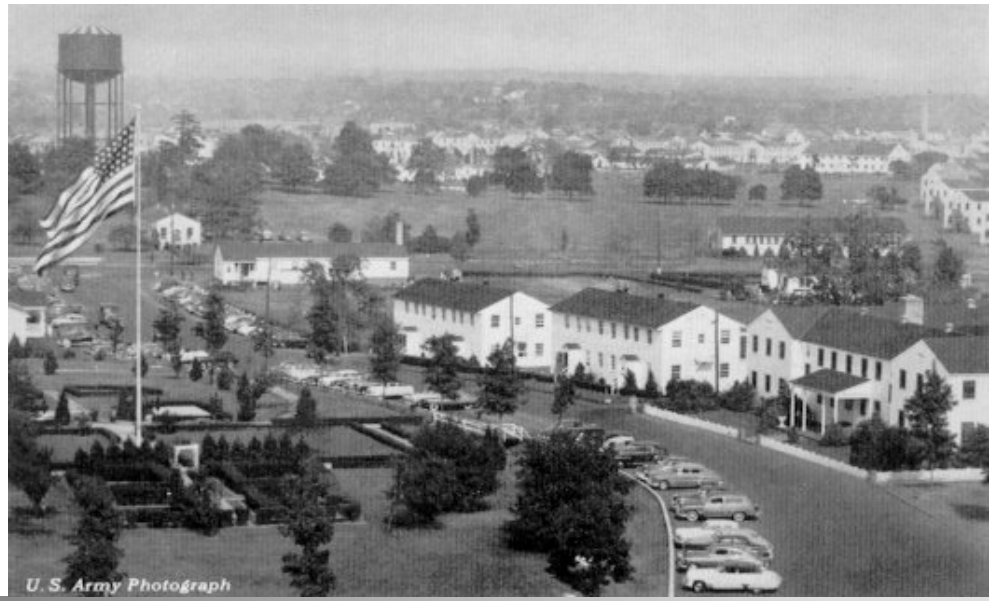


ADGENDA:

Campus history
“Great Expectations”
Building Examples
Guide to Future ?

Campus history:

- Dutch Farm
- Johnson & Johnson family property
- Camp Kilmer, Army WWII



Camp Kilmer

-Built on 540 acres
-Planning began in 1941
-Construction began 1942
-11,000 workers working 24/7 built 1,120 buildings in 6 months for 2,000 service personnel

The Army plan and infrastructure defines the site plans of Livingston College

Great Expectations

40 years ago, Rutgers undertook a bold experiment in higher education: to develop a **progressive curriculum** with the goal of serving **under-represented students**

Land covenant, Federal Gov. to Rutgers: *"no person of race, color, or national origin was to be excluded from application"* 20 year term, with annual audits

Academic planning begins at the height of the Vietnam War

Riots break out in Los Angeles, Detroit, Newark

Martin Luther King Jr./Robert F. Kennedy.

Livingston College was directed to underserviced sectors of society and a commitment to disadvantage students, along with a focus on urban problems

The college needed to closely reflect the changing times in EVERY WAY

The college hired its own faculty, set curriculum, admissions and graduation requirements

Students would have equal say as to how the school would be run

Student evaluation replace grades, students could initiate their own classes

Affirmative action was the norm

Livingston was the *"hippie, black, utopian, anarchist* school

The intramural football team was called the *black panthers*

Transforming an idea into a place by questioning the traditional role of large established state universities, representatives from Rutgers tour UC Santa Crux and UC Irvine, Claremont and Swarthmore

Findings: Combine the *smallness* of Swarthmore, and the *building big while seeming small of* UC Santa Cruz & Irvine to create a “cluster college”

1965 university plans three “cluster colleges” for 9,000 students on 540 acres

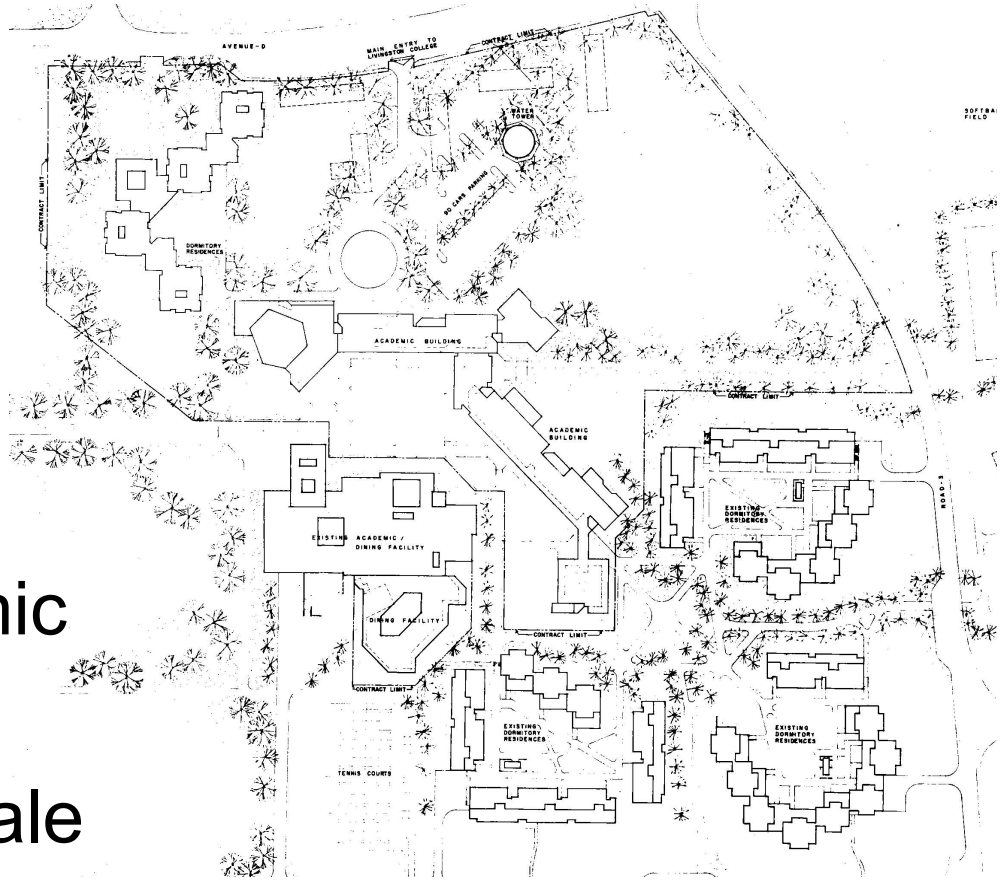
1967 phase one planning starts with Livingston College

Dean Lynton states the new college would have:

“ a very swinging faculty, and exciting student body, a real degree of orientation to everyday problems”

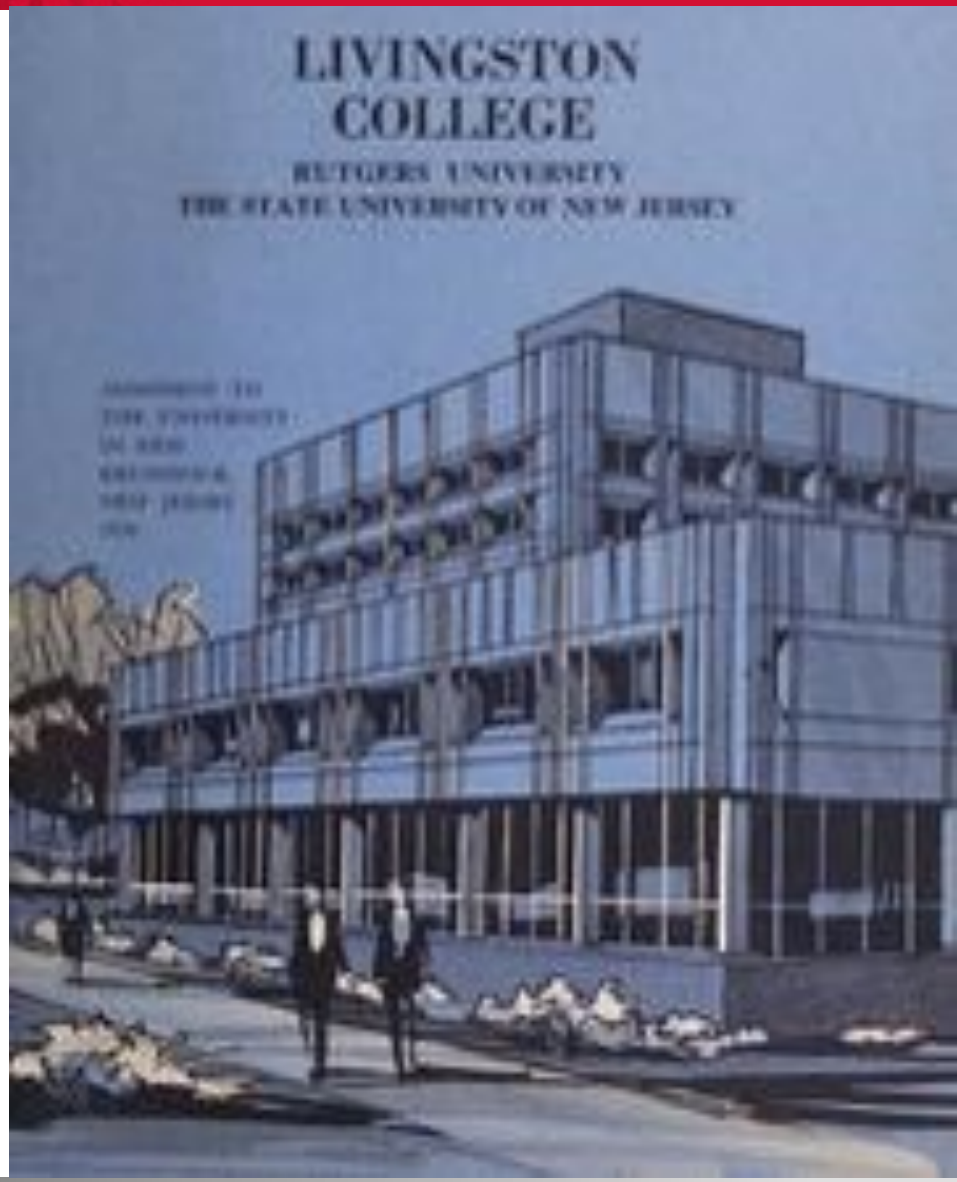
Livingston College planning to create:

- Small living groups
- Low building forms
- Small scaled outdoor spaces
- Short walks from academic buildings to housing
- More urban than rural scale



The values that Livingston College stood for had to be expressed and innovated in its architecture of the 1960's

Contemporary curriculum required *contemporary architecture*



The current **"New-Brutalist"** style adopted as an architectural philosophy, raw and unpretentious, would provide a stark contrast to the **historic 1766** colonial campus

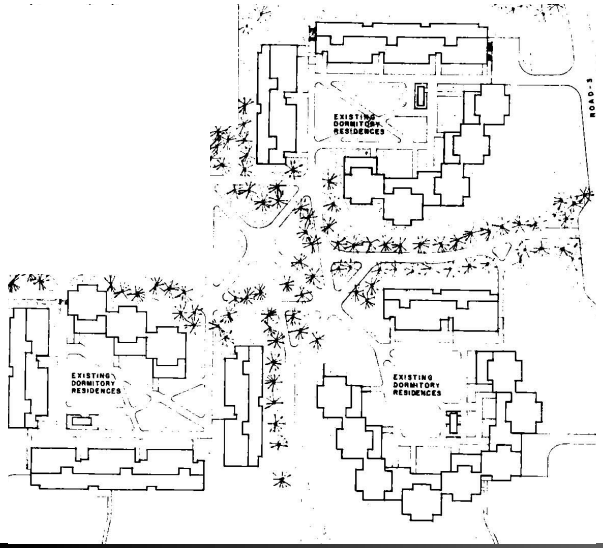
This architectural direction was seen as "*socially progressive*"

Some examples…..

Resident Halls **The "Quads"**

By Anderson, Beckwith & Haible Architects

- Planned crescent clusters, not quads,
- Following UC Santa Cruz, low scale 4 to 6 floors,
- All dorm entries from yard, yards had controlled openings
- Buildings: no long halls, domestic scale



Modern forms, no reference to historical styles or the colonial campus

Less-than-modernist facades simply covered the building frames with precast concrete and dark brick

Academic and Dining, **Tillett Hall**

Designed as a “concrete” expression of a specific educational concept

Poured concrete structure with precast panels

Plan centers a “hall” as organizing element with student space on first two floors, facility offices in the tower

By **2005**, the campus was isolated; its buildings were forty years old and run-down. The covenant with the Federal Gov. had expired, and its identity as the urban studies college was lost

Rutgers restructured colleges into campuses, each with an emphasized area

Livingston becomes the Center for Graduate and Continuing Education

In 2010 Rutgers begins investment into the campus

39 months to: develop Campus Plan, design, build and renovate 1.2MM sq/ft

Supply additional utilities, re-align army roads

Added: bike lanes, constructed wetlands, 8.4 MW solar array, 1,600 geothermal well field (280K sq/ft cap)

University Facilities conducted a **condition assessment** of all the structures on the campus. Reviewed for repairs, cost and highest-and-best use

Resident halls refurbished, dining hall re-purposed into academic space, student lounge into computer lab, corridors as touch-down spaces

Exterior spaces were also surveyed: parking lots, sidewalks and plaza's

Most of the sidewalks re-graded for accessibility, parking lots consolidated to campus edge, main plaza renovated

Tillett Hall's original "main hall" and a typical corridor

Walls of poured concrete and exterior grade dark brick

Tillett Hall - Renovated and reconfigured corridors

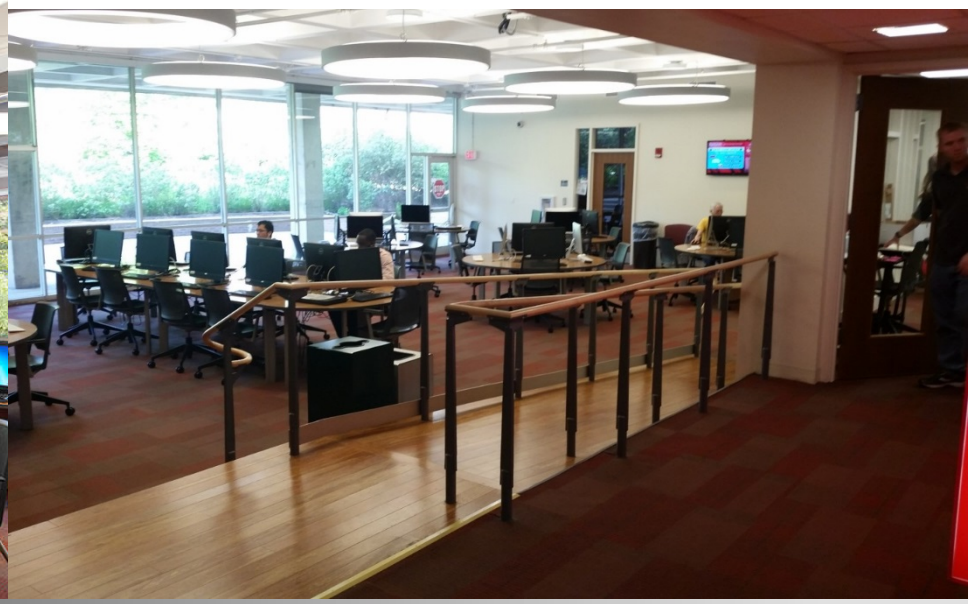
Tillett Hall - Renovated “main hall”

Tillett Hall's original dining room

Tillett Hall's dining room in 2009

Tillett Hall, repurposed into 1,800 classroom seats

Tillett Hall - Repurposed student lounge into computer lab



For future design on the campus:

Use what design forms there are, seek to interpret the original elements

Lower scaled buildings, arcades at the street & entry, dark brick and buff concrete & stone

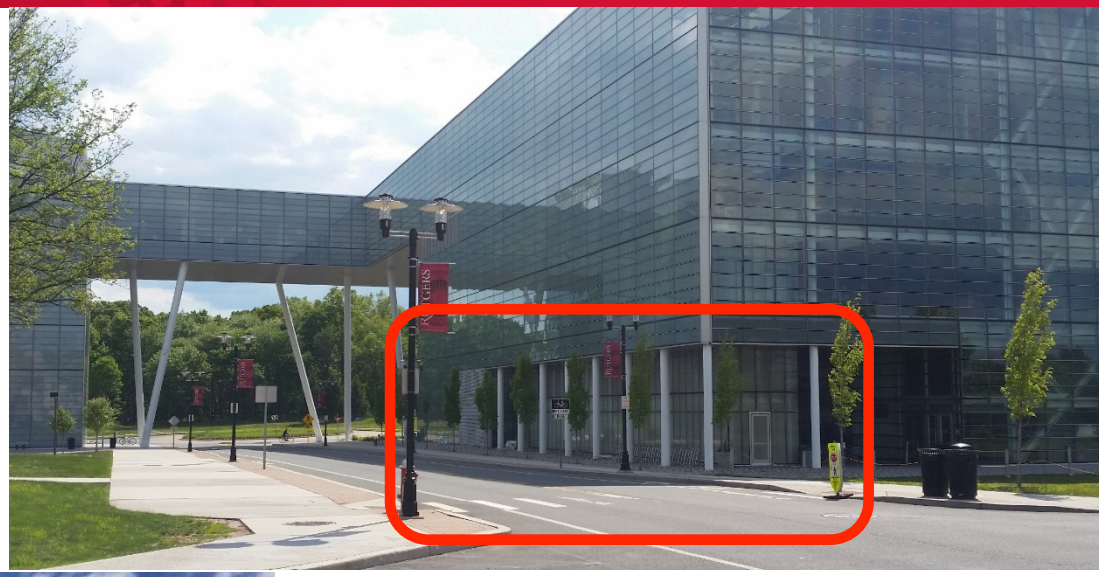
Guide to Future Buildings

Addition & renovation to student center, **original material pallet**

Use of **arcades** to provide human scale to all buildings

New 1,500 bed housing and retail, materials used in reverse proportions

Rutgers Business School new materials, new scale and massing

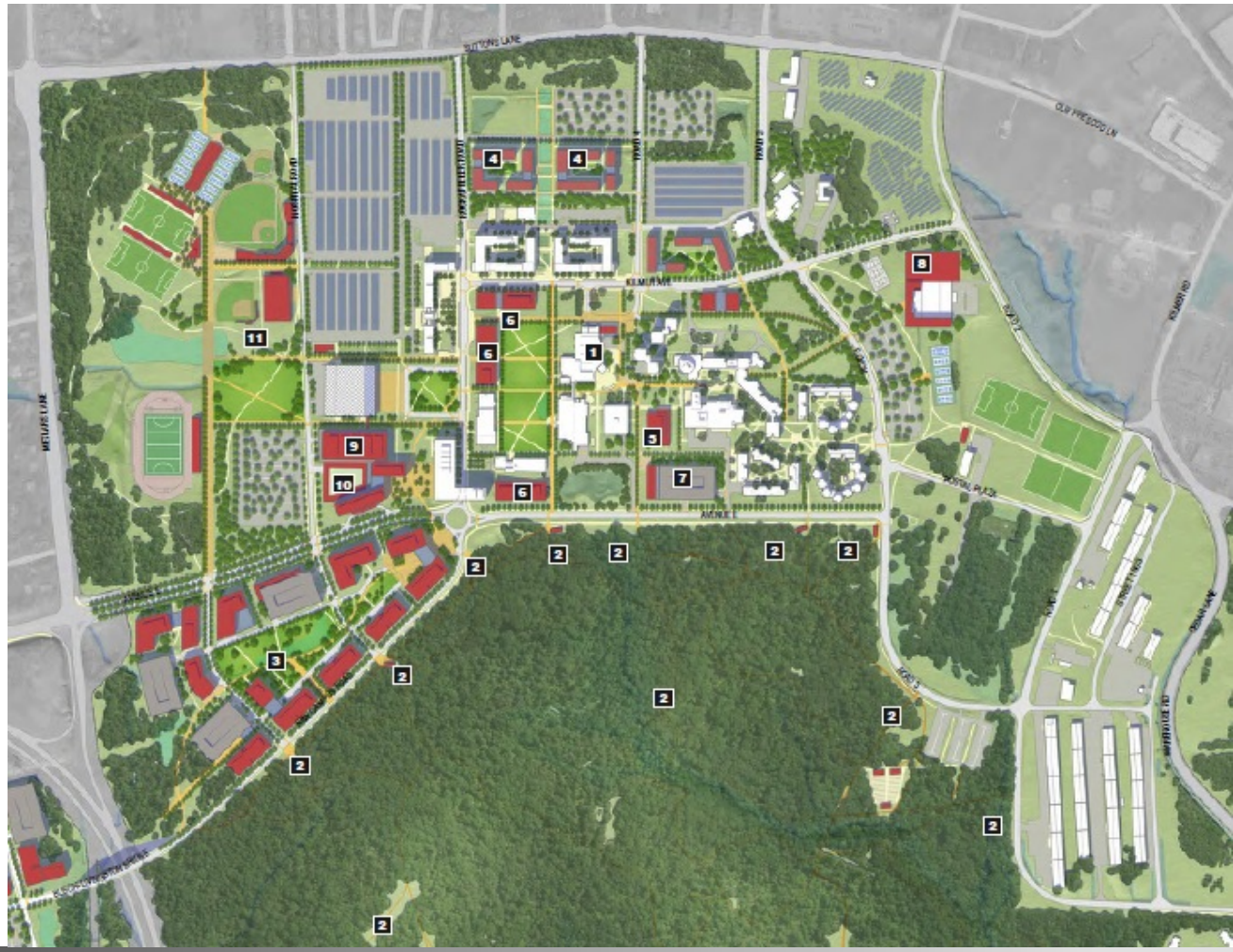


Toward campus side, incorporates arcade

Livingston Campus, 2030 Master Plan

Moves away from 1960's **"cluster college"** plan

The End



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California State University, Los Angeles

Mid-Century Modern 1958-72

A Sense of Place & Sustainable Innovation

CAL STATE LA
FACILITIES, PLANNING, DESIGN, & CONSTRUCTION

Two Phases

Phase I 1958-62

10 Buildings (9 in use)
Designed by State of California, Department of Public Works, Division of Architecture
1,027,156 GSF
Cast in Place Concrete, Brick, Operable Ribbon Windows, Eyebrows, Minor Seismic, Hazmat

Phase II 1963-1972

7 Buildings
Designed by State of California, Department of General Services, Office of Architecture and Construction & Private Sector Architects
916,293 GSF
Steel Frames, Concrete, Brise Soleil, Innovative Structures
Major & Minor Seismic Issues, Hazmat

Phase I: 1958-62

Designed by State of California, Department of Public Works, Division of Architecture

1. State Playhouse (1958) - 47,800 GSF
2. Music (1958) - 79,100 GSF
3. North Hall (1962) - 302,284 GSF
4. Cafeteria (1958) - demolished 2000
5. Fine Arts (1958) - 123,900 GSF
6. Physical Education (1959) - 109,618 GSF
7. Industrial Arts/Engineering & Technology (1958) - 79,000 GSF
8. Biological Sciences (1958) - 125,454 GSF
9. Administration (1958) - 24,000 GSF
10. Library South (1958) - 125,000 GSF

Phase I: 1958-62

Music

Music, Biological Science, Fine Arts, P.E.

Martin Luther King Memorial Hall

Administration-1958

Library South-1958

Library South

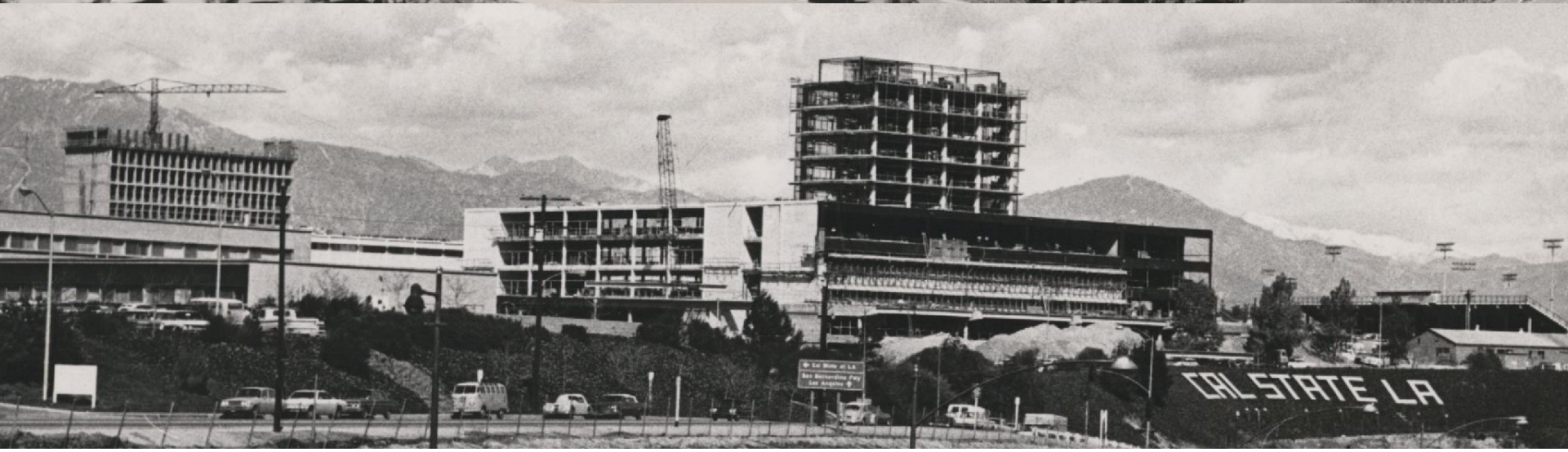
Phase II: 1963-72

Designed by State of California, Department of General Services, Office of Architecture and Construction or Private Sector Architects

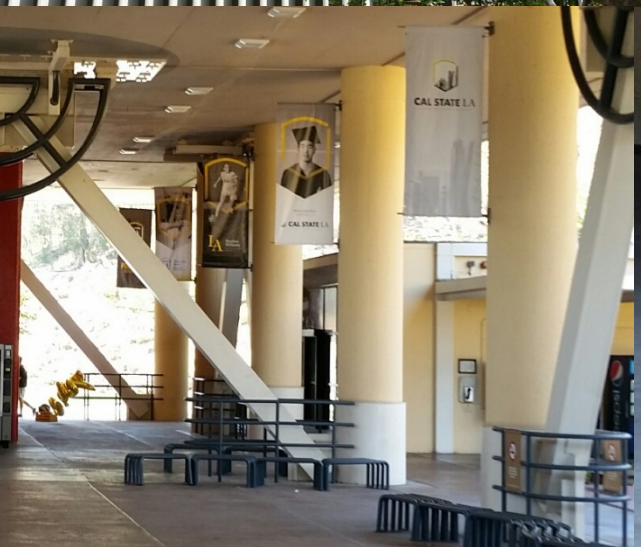
1963 Master Plan; Honnold & Rex

1. Student Union (1964) now Health Center – 33,410 GSF; Deasy & Bolling; Honnold & Rex
2. Engineering & Technology (1966) – 106,000 GSF
3. JFK Library/Library North (1969) – 282,000 GSF Honnold & Rex
4. Salazar Hall/Simpson Tower (1969) – 176,883 GSF
5. Administration Tower (1970) – 90,000 GSF; Maynard Lyndon Architect
6. Health Center (1971) – 10,000 GSF; now Career Center
7. Physical Sciences (1972) – 218,000 GSF

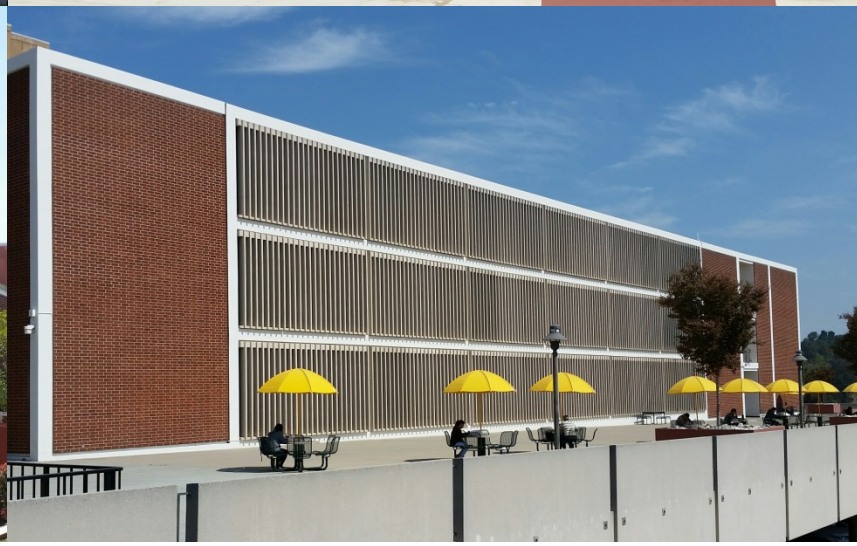
Phase II: 1963-1972



Phase II



Phase II Materials



Health Center ‘71, Student Union ‘64, Salazar Hall ‘69

Engineering and Technology 1966

THE JOHN F. KENNEDY MEMORIAL LIBRARY CALIFORNIA STATE COLLEGE AT LOS ANGELES HONNOLD AND REX ARCHITECTS AND ASSOCIATES

JFK Memorial Library - 1969

JFK Memorial Library

CAL STATE LA

SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016

Simpson Tower - 1969, Greenlee Plaza - 1972

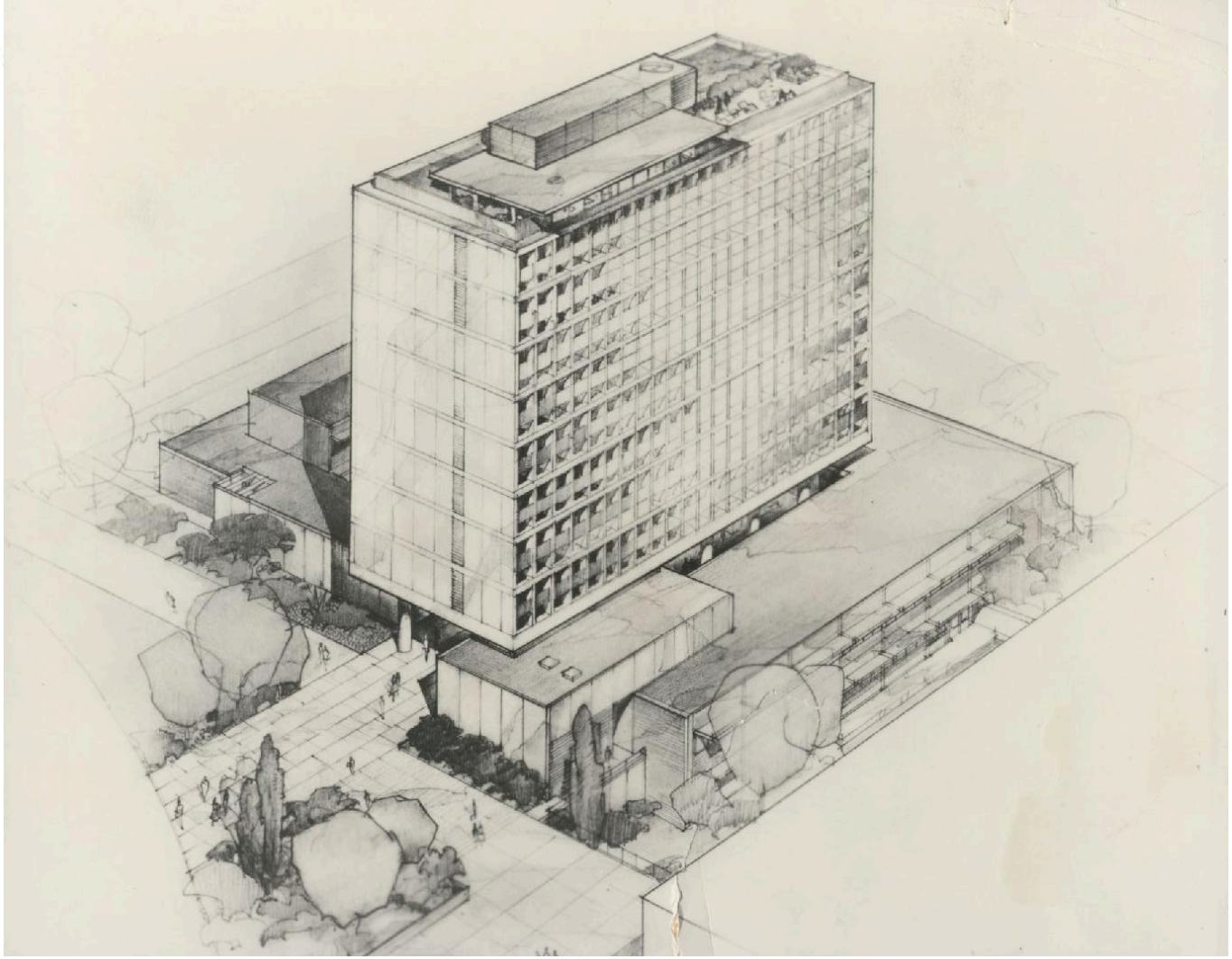
Simpson Tower - 1969

OAC

PHYSICAL SCIENCE BUILDING
AND PARKING GARAGE
CALIFORNIA STATE COLLEGE · LOS ANGELES

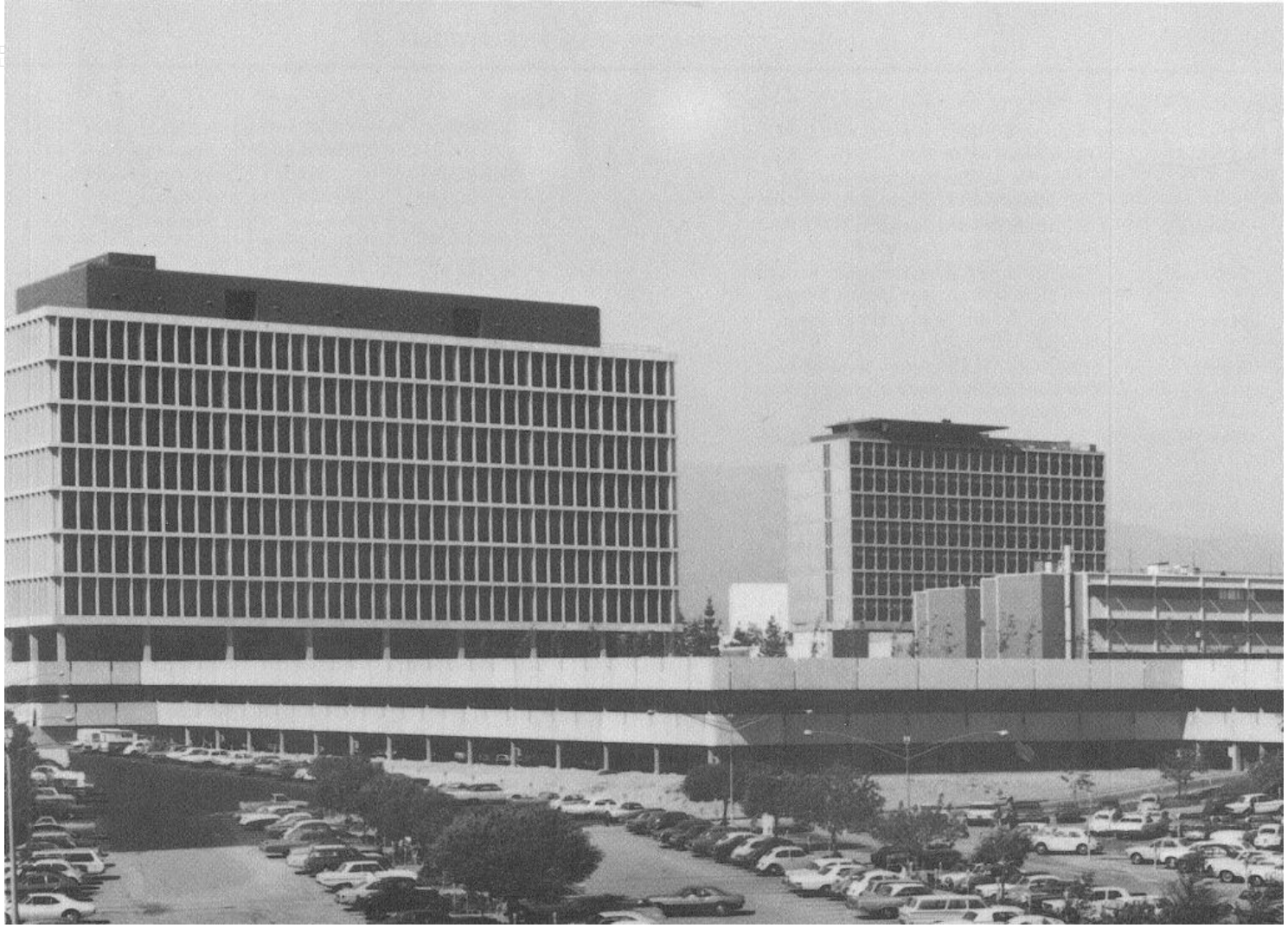
Physical Science - 1972

Physical Science



Administration Tower - 1970

Administration Tower



Future?

CAL STATE
LA

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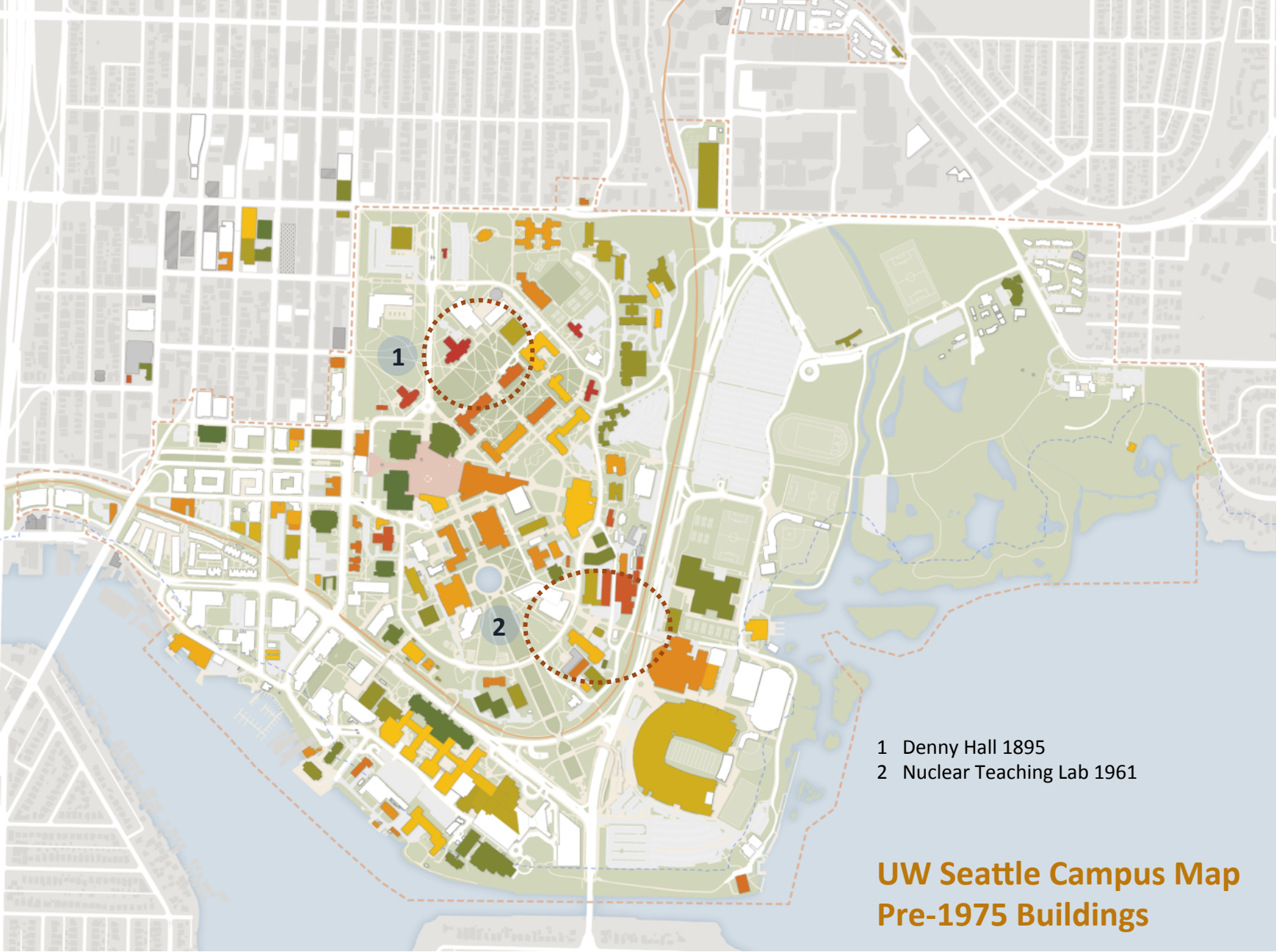
NUCLEAR TEACHING LAB

A Story of Stewardship Politics at the University of Washington

NUCLEAR TEACHING LAB

A Story of Stewardship Politics at the University of Washington



1 Denny Hall 1895
2 Nuclear Teaching Lab 1961

UW Seattle Campus Map
Pre-1975 Buildings

Denny Yard 1895 | Denny Hall 1895/1950s/2016 | Paccar Hall 2010 / Dempsey Hall 2012 | Mackenzie Hall 1960 | Raitt Hall 1916

UW Seattle Campus Stewardship
Central Campus Context

More Hall Annex

aka Nuclear Teaching Lab 06.09.16

TALE OF TWO PRIORITIES: Preservation & Education

Nuclear Teaching Lab Story – Just the Facts

- Single purpose building designed to teach Nuclear Age technology opened in 1961
- Designed by UW architecture faculty in Brutalist mode (Gene Zema, Wendell Lovett, Dan Streissguth
- De-commissioned 1988
- UW Campus Master Plan identifies development site 2003
- State funded decontamination, demolition 2006
- Federal clean-up 2007
- UW student Abby Martin and others achieved National Register, State listings 2008
- Demo permit withdrawn 2010
- Summary judgment enables UW to proceed with demo 2016
- Demolished ??

More Hall Annex Demolition
aka Nuclear Teaching Lab/06.16

CONFLICT RESOLUTION: Design & Demolition

Nuclear Teaching Lab Story – The Case Takes Shape

- City/University agree-to-disagree re historic preservation authority since 2003 Campus Master Plan using work-arounds
- Limited available campus sites for growth
- Single-purpose building Nuclear Teaching Lab unused since 1988 – across Stevens Way from Paul Allen Center (CSE1)
- Computer Science Engineering education demand swells on campus
- Support from State legislature, state/regional tech industry
- CSE2 building top UW priority – increase graduates to feed demand
- More Hall Annex site "preferred" in 2015 EIS
- UW approves proceeding with CSE2 design 2015 "at risk"

CSE2 Proposed Site Plan – June 2016

To Replace Nuclear Teaching Lab

CONFLICT RESOLUTION: Design & Demolition

Nuclear Teaching Lab Story – the Latest Facts

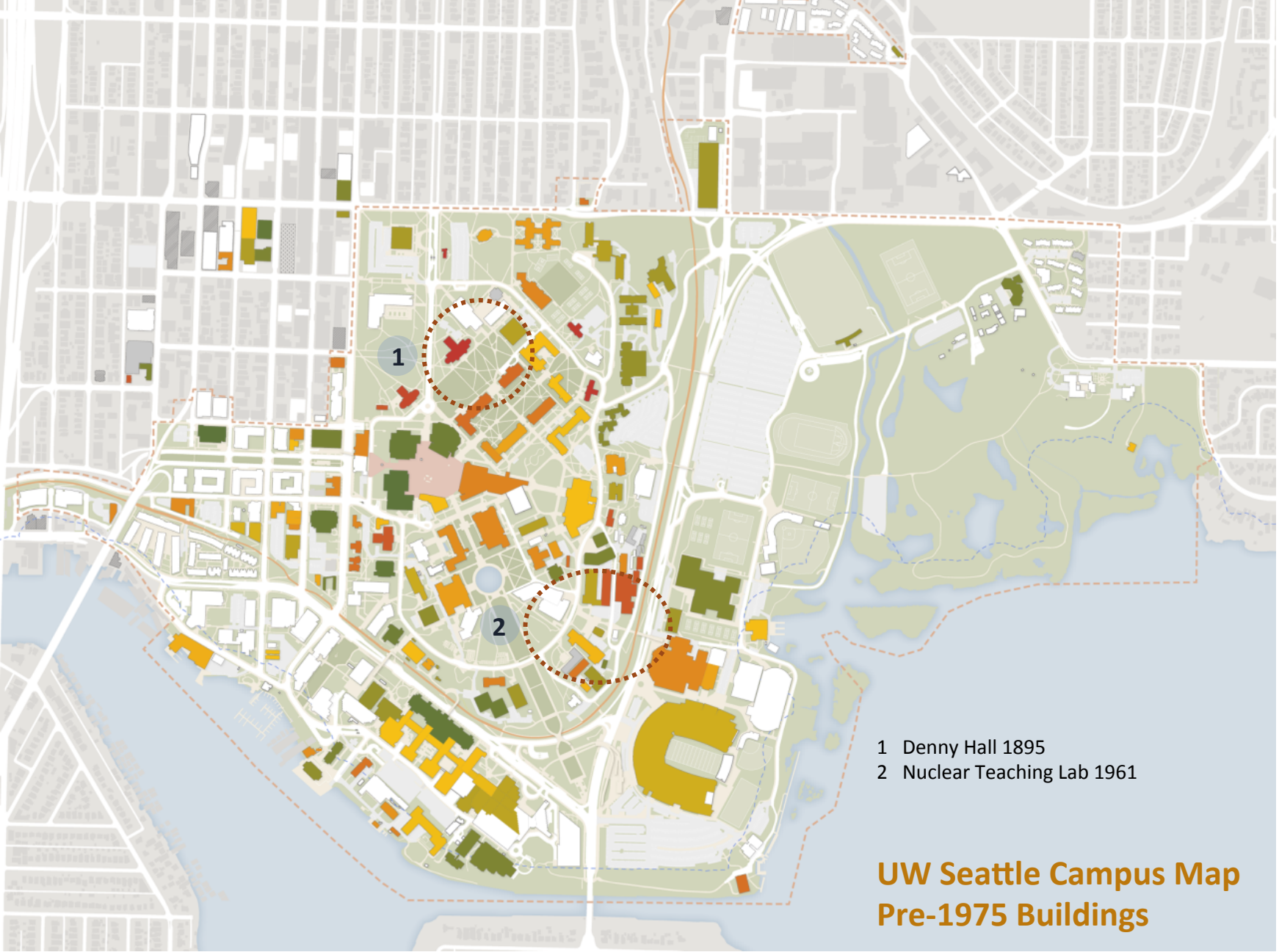
- UW Regents approve CSE2 EIS, project on MHA site, early 2016
- DOCOMOMO-WEWA submits City Landmark nomination to Seattle Landmarks Board in late 2015
- UW sues for summary judgment --
  Q: Does City Landmarks Preservation Ordinance (LPO) govern UW as state entity?
- Court determines Seattle LPO does not have authority over UW (not a person, nor corporation)
- UW submits demolition permit
- City appeals summary judgment but does not ask for injunction re demolition
- Demolition permit decision delayed re MUP process

MORAL OF THE STORY?
Campus Stewardship is a Balancing Act

Key Considerations / Competing Priorities

(in no particular order)

- Limited functionality of single-purpose buildings
- Campus resources – historic
- Campus resources – fiscal
- Campus resources – buildable sites
- Educational needs and priorities
- Economic needs and priorities
- Legal standing
- Situational politics
- Politics



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REINVENTING RUDOLPH

RICHARD YEAGER

BOSTON COLLEGE

SUSTAINABLE INNOVATION 2016
UNIVERSITY OF WASHINGTON, SEATTLE

UMASS DARTMOUTH LIBRARY

SUSTAINABLE INNOVATION

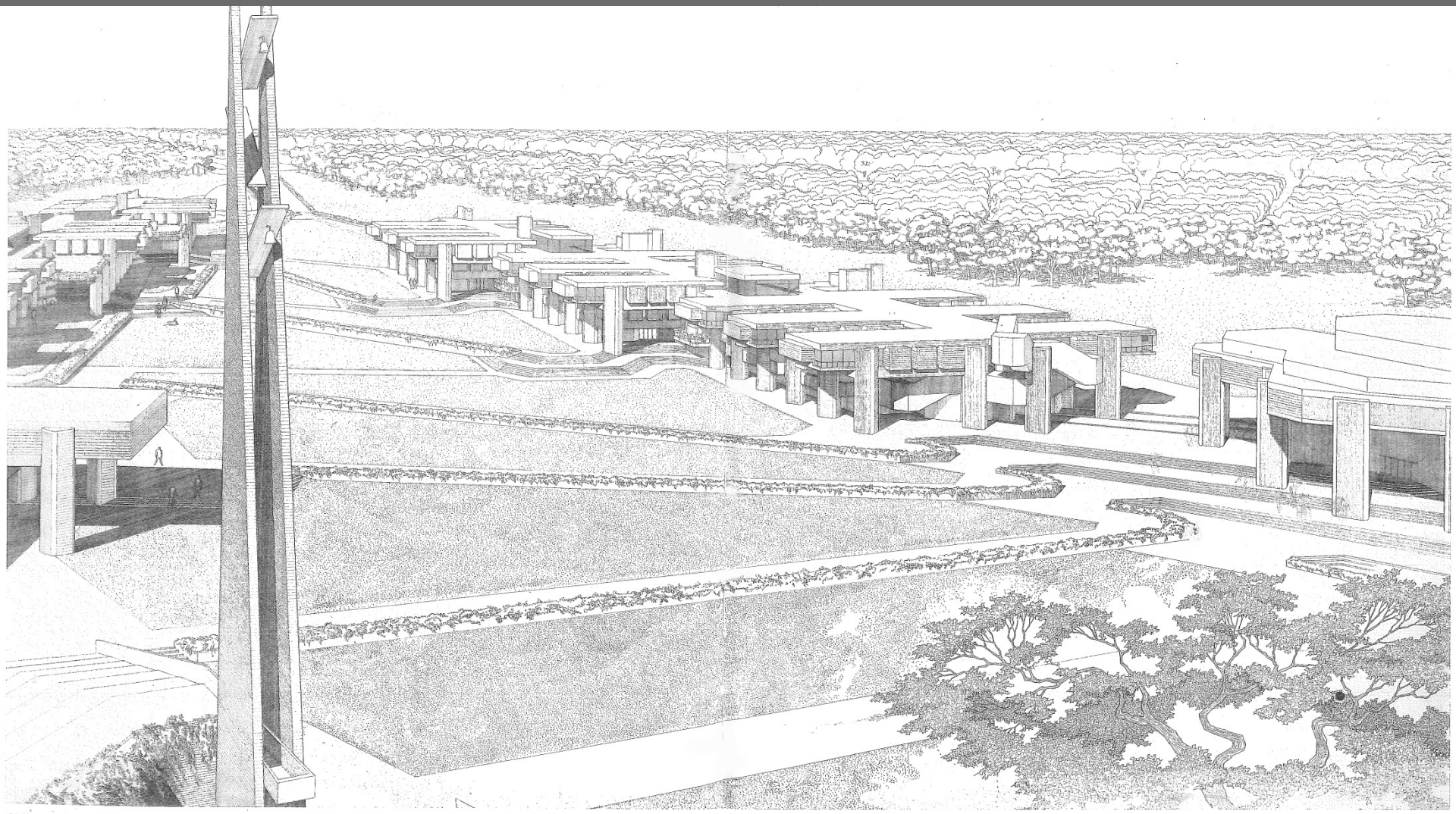
UNIVERSITY OF WASHINGTON, SEATTLE 2016

BRUTALISM:

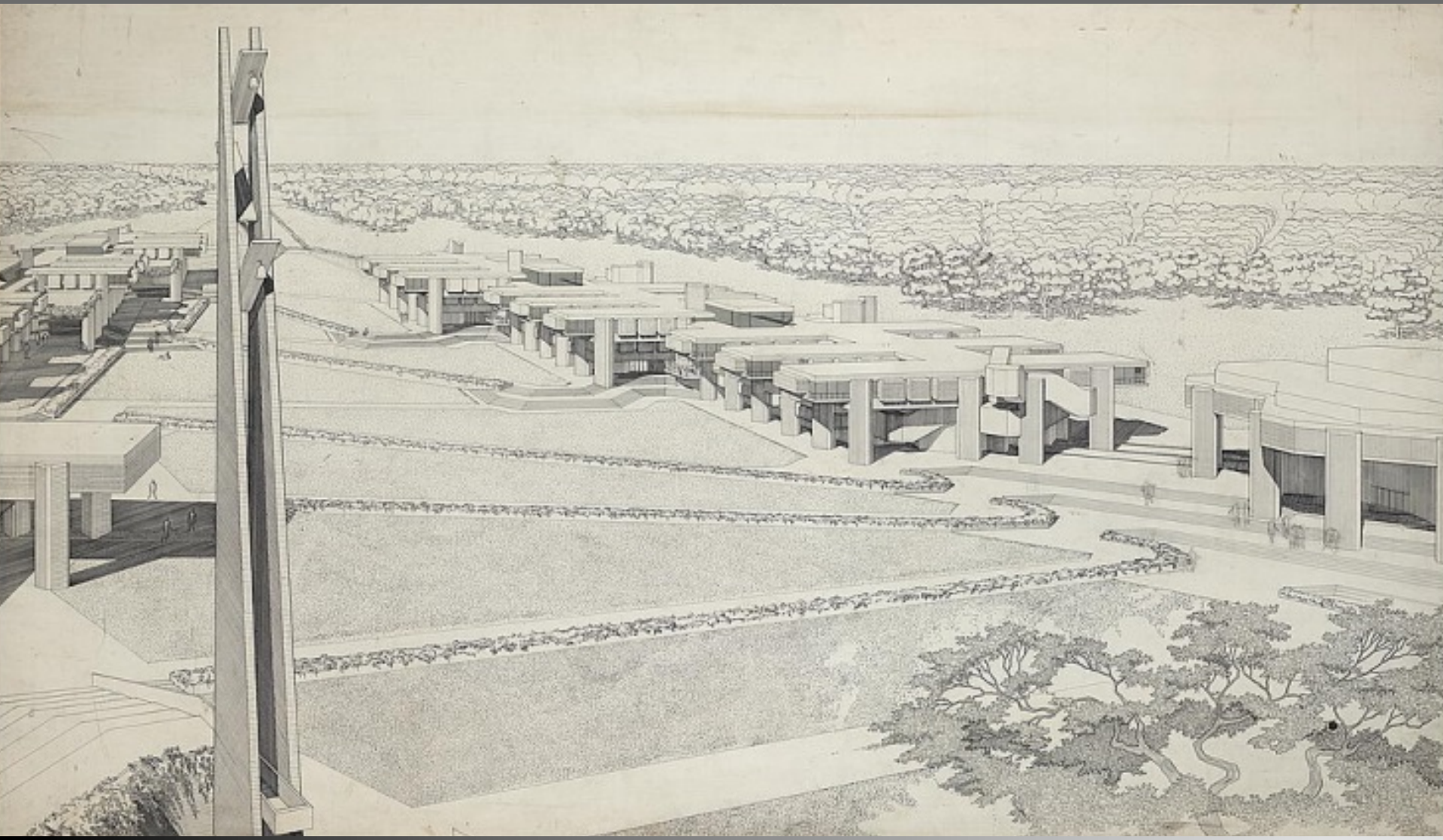
- SOCIALOGICAL EXPERIMENT / UTOPIAN
- NEW EXPRESSION
- INNOVATIVE / NEW TECHNOLOGY
- FASTER AND CHEAPER
- COMMUTER GENERATION
- KENNEDY ERA “NEW FRONTIER”

SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016

SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016



.20 View drawing of mall, SMTI (c. 1963).



THE ISSUES:

- EXTERIOR ENVELOPE
- AGED INFRASTRUCTURE
- ENERGY PERFORMANCE
- SINGLE PANE GLAZING
- ADA COMPLIANCE / CODE
- NO FIRE PROTECTION

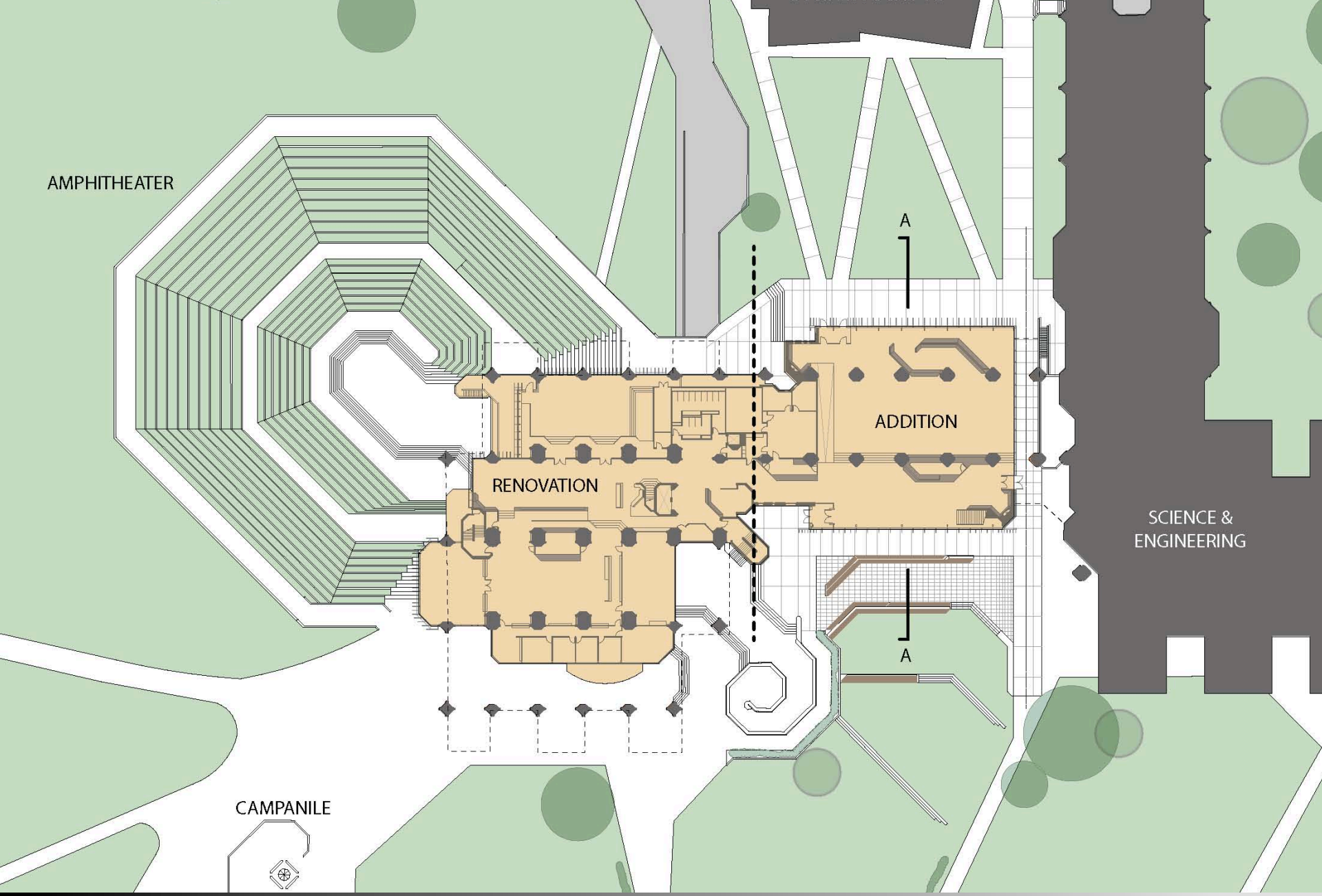
BASIC FACTS:

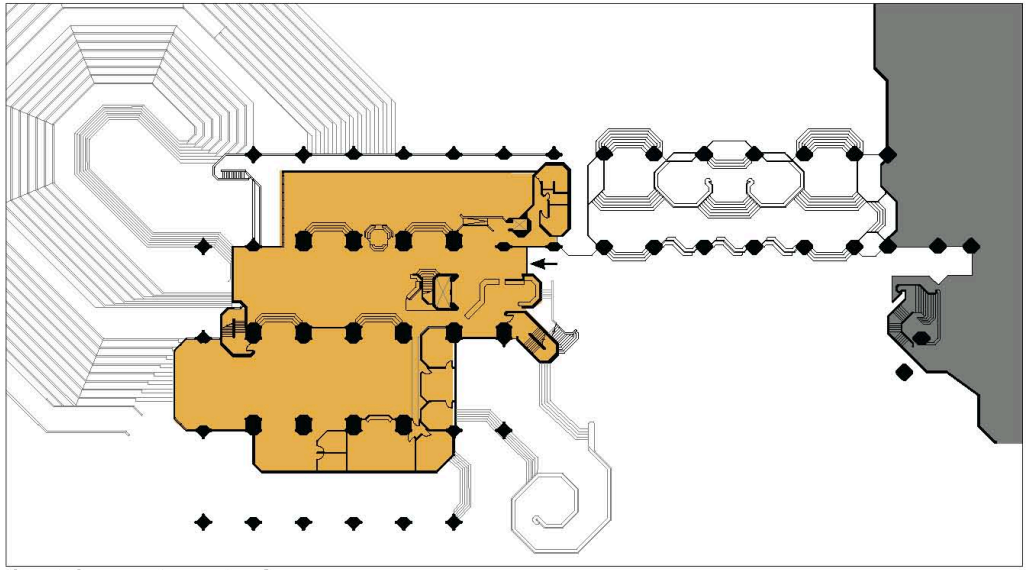
- RENOVATION / ADDITION
- DESIGN LAB AND AUSTIN ARCHITECTS
- CONSIGLI CONSTRUCTION
- 190,000 GSF
- $40 MILLION PROJECT COSTS / $210/SF
- COMPLETED 2013

SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016

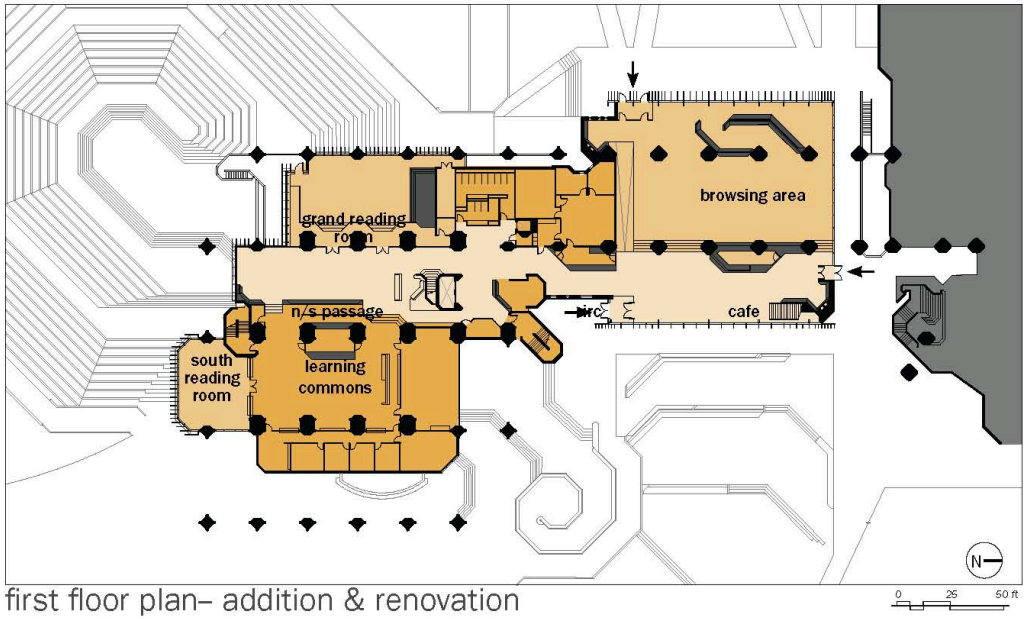
FOUR CHALLENGES:

- PROGRAM / RE-PURPOSE
- EFFICIENCY
- COST
- CAMPUS IDENTITY / IMAGE


AMPHITHEATER
A
ADDITION
RENOVATION
SCIENCE &
ENGINEERING
A
CAMPANILE



first floor plan– before

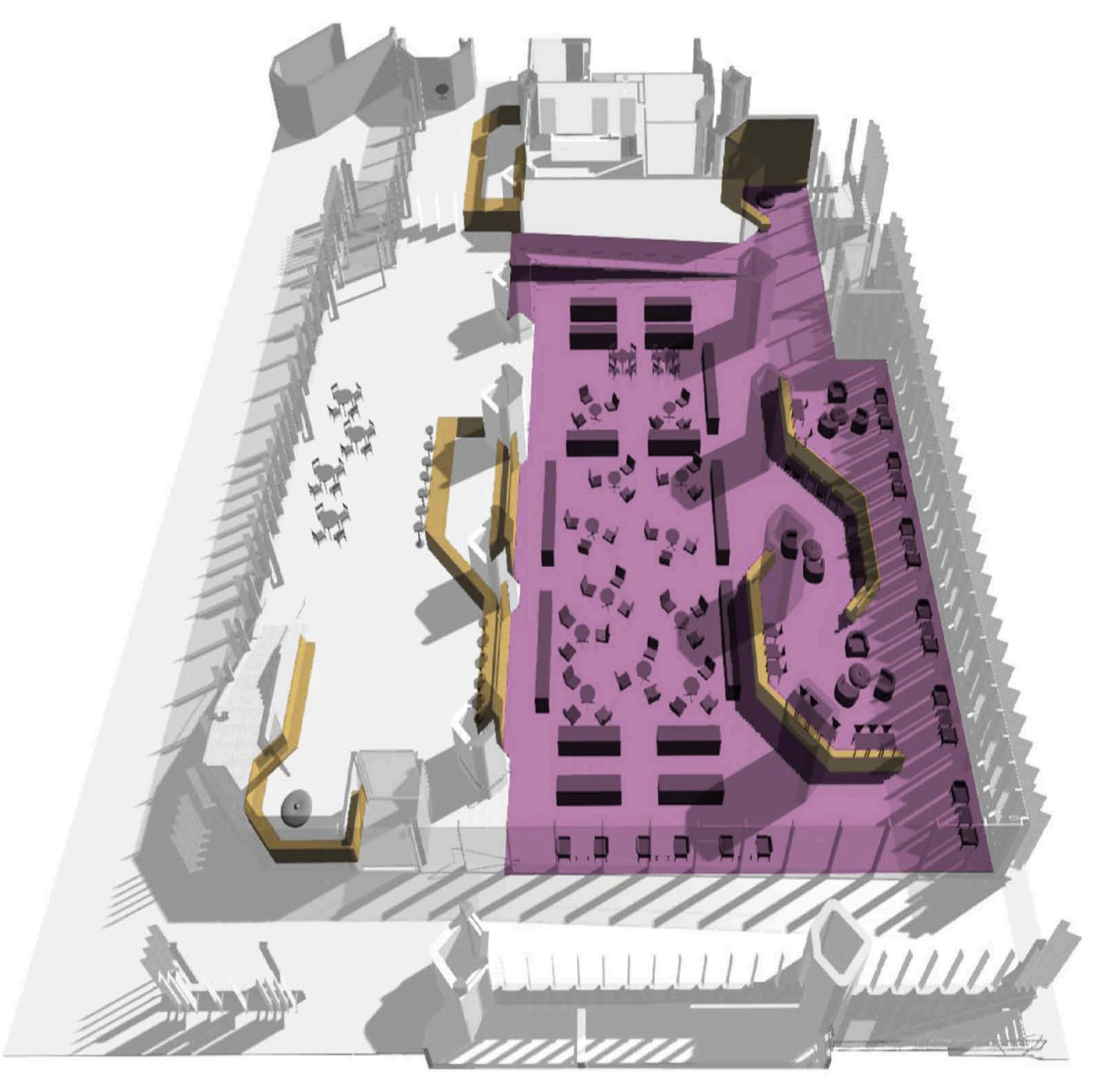


first floor plan– addition & renovation

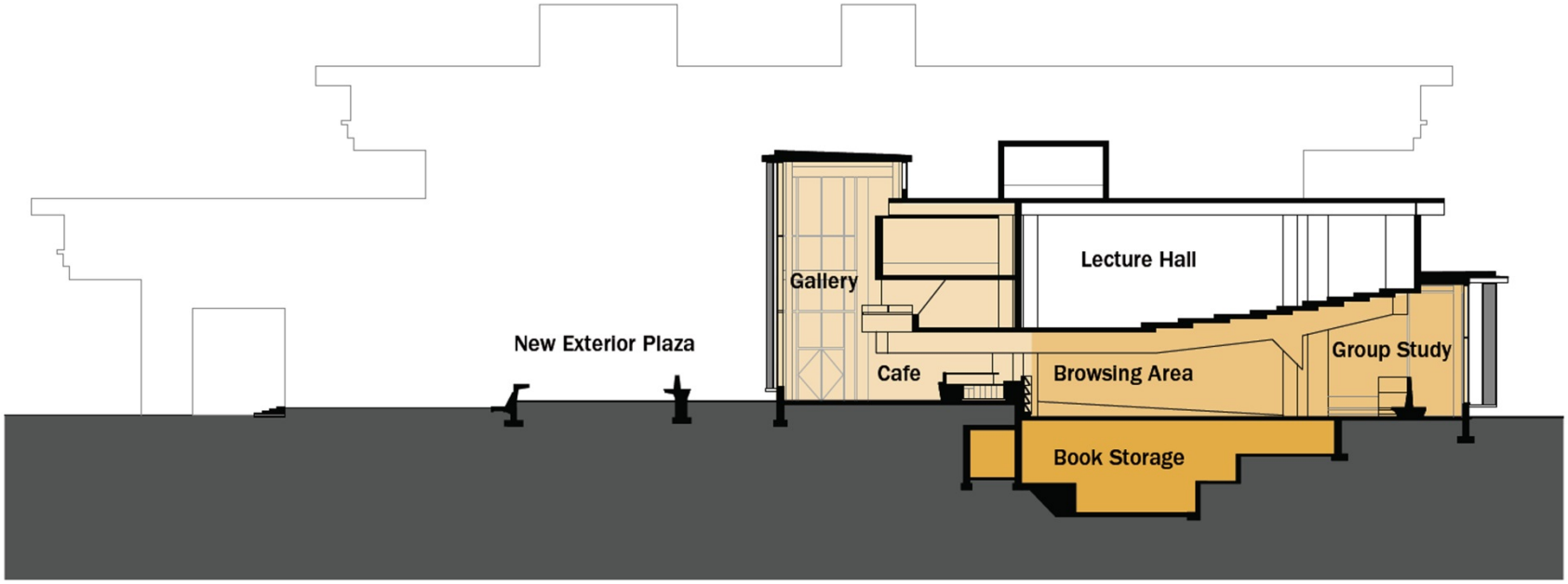
PROGRAM LEGEND

1 amphitheater
2 nautilus (seating)
3 browsing
4 circulation desk
5 lounge
6 lecture
7 computing
8 rest rooms
9 it offices
10 exterior concrete seating (below link)
11 lecture hall access stair
12 entry
13 cafe
14 gallery
15 new exterior plaza
16 access services
17 grand reading room
18 lower learning commons
19 upper learning commons
20 south reading room
21 computer lab
22 library admin. offices
23 mediascape
24 info desk
25 group study
26 campus passage
27 book storage

NEW ADDITION

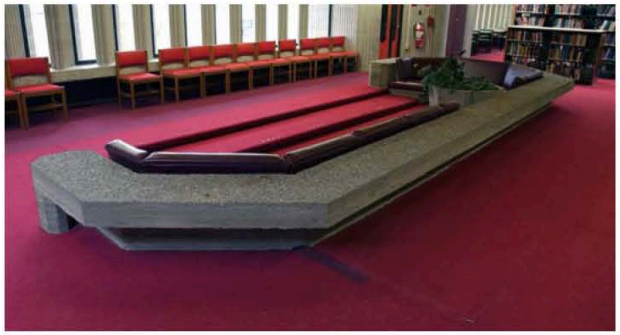


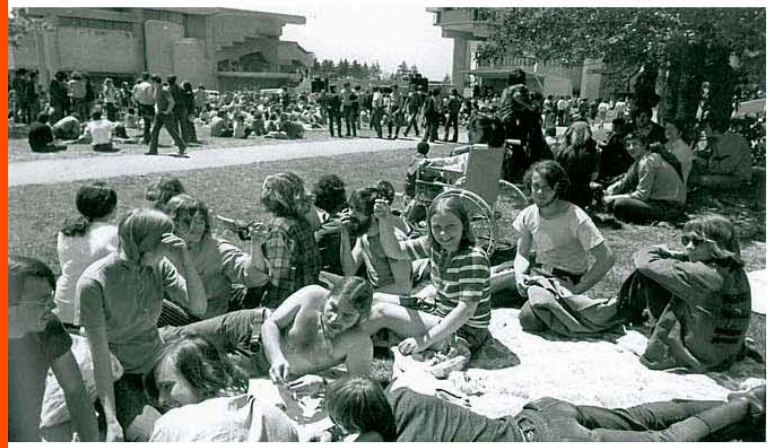
INFILL UNDERNEATH "THE LINK"



section a-a: east-west through addition looking south towards library

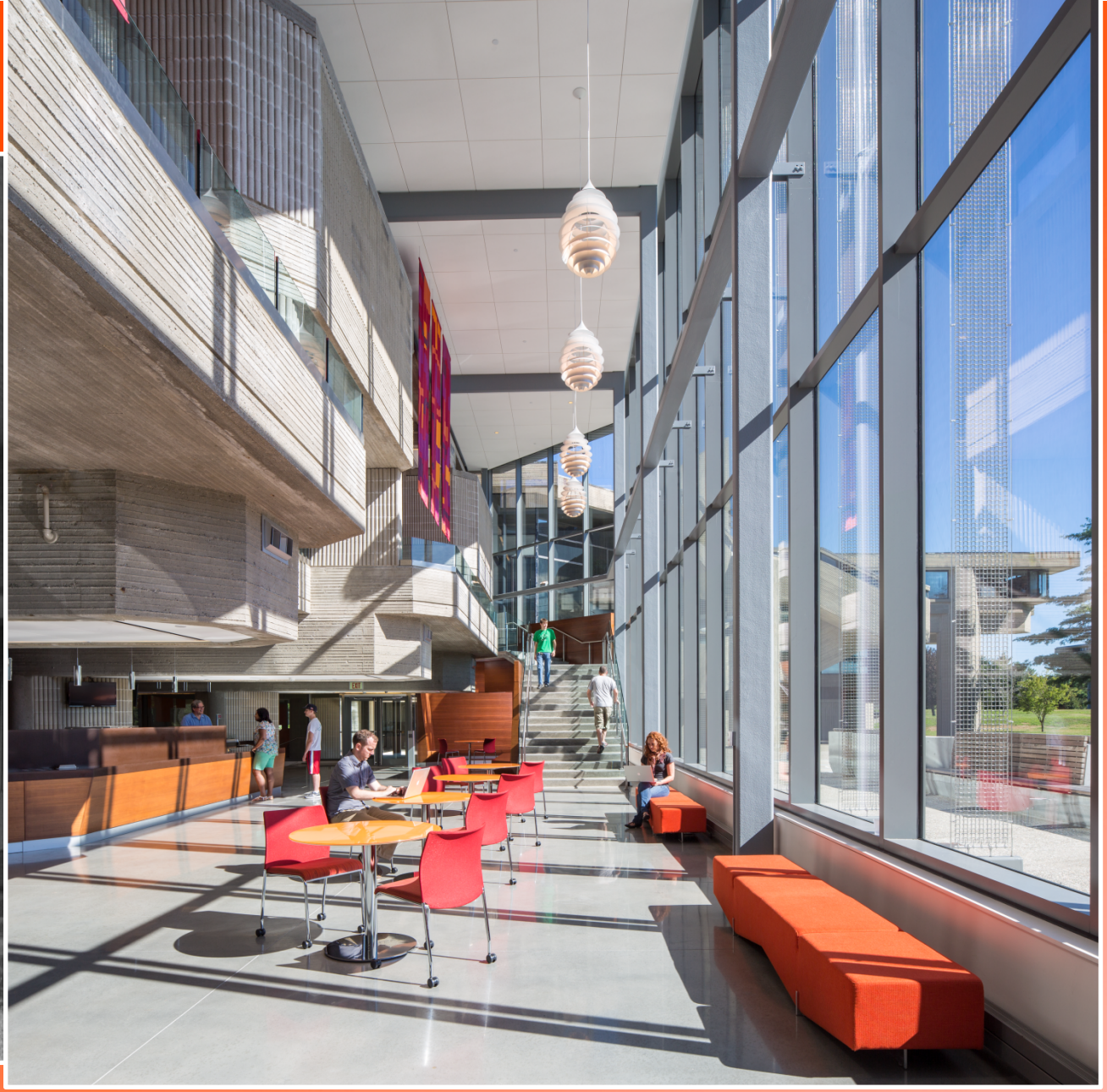
0 12 25 ft





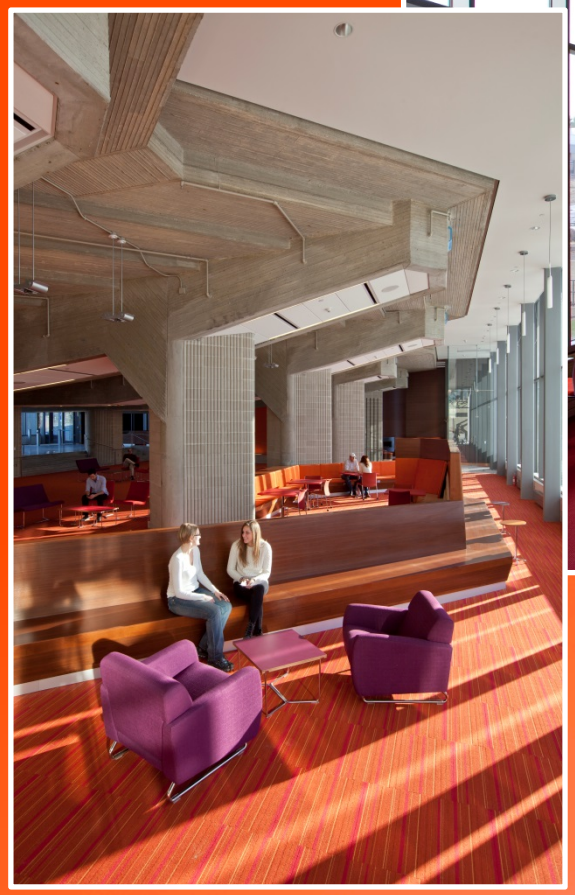
SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016

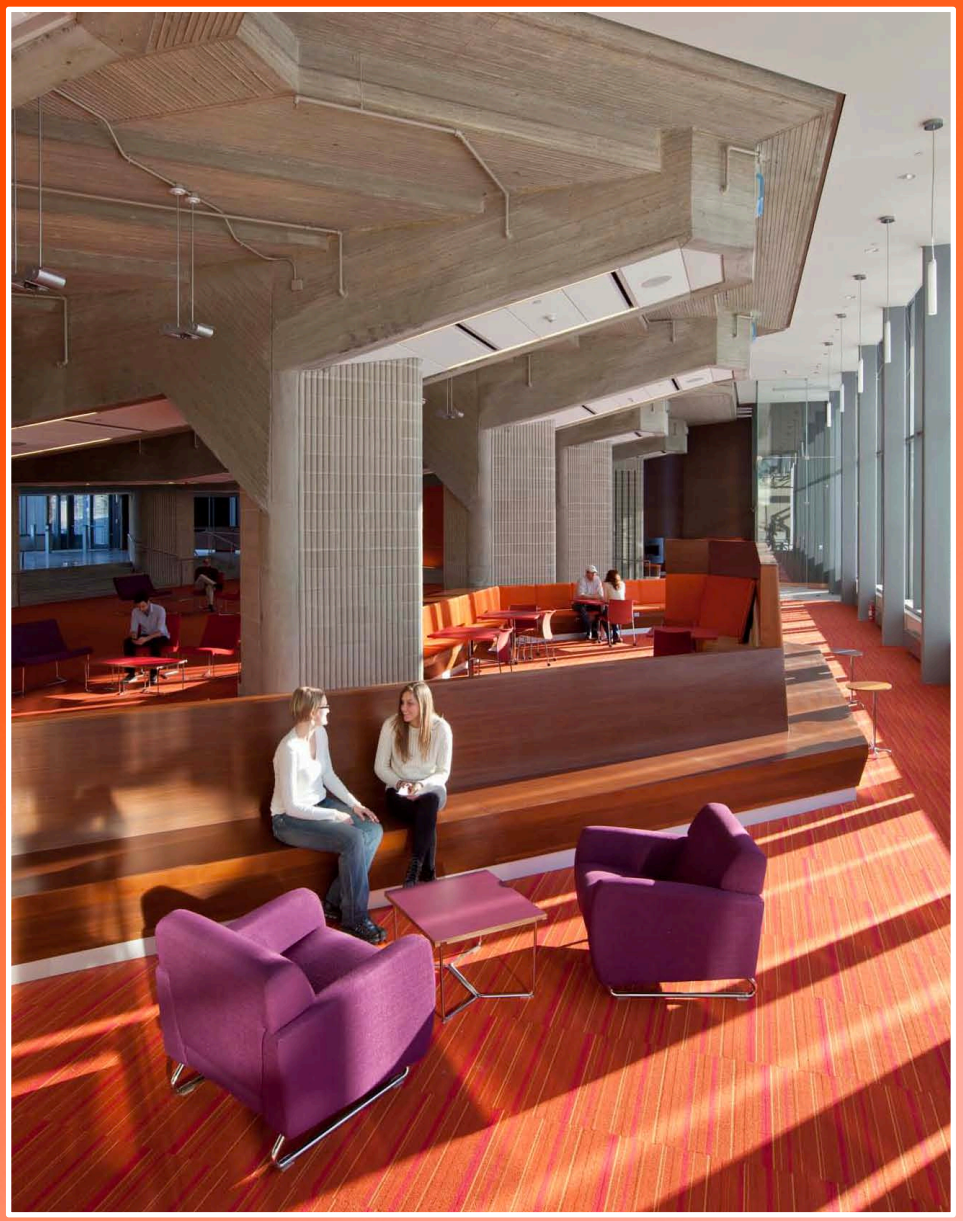
SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016

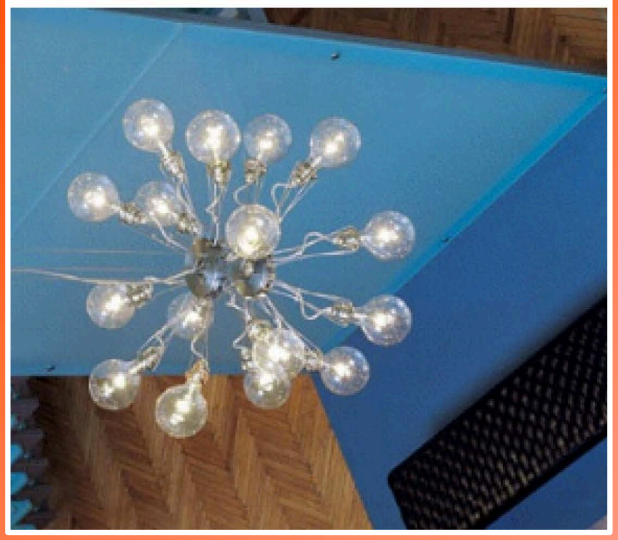


LIBRARY
CLAIRE T. CARNEY

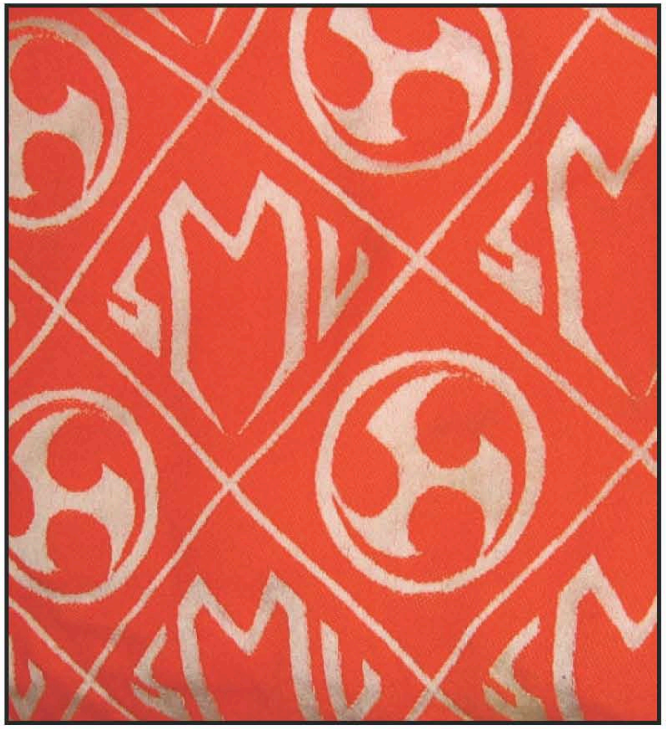
SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016

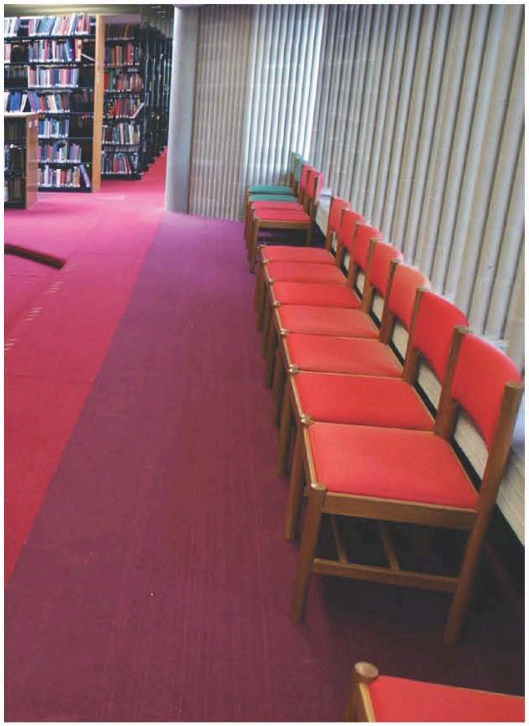






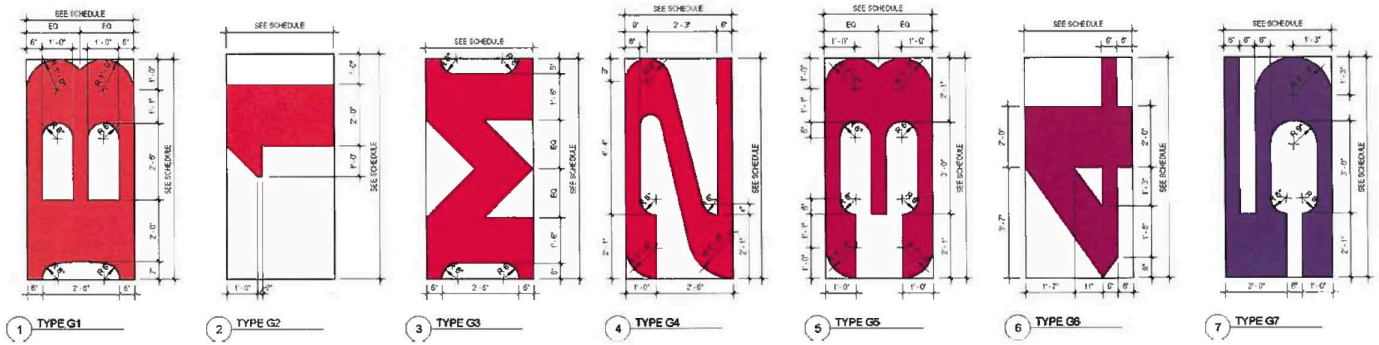
SUPER GRAPHICS AND COLOR



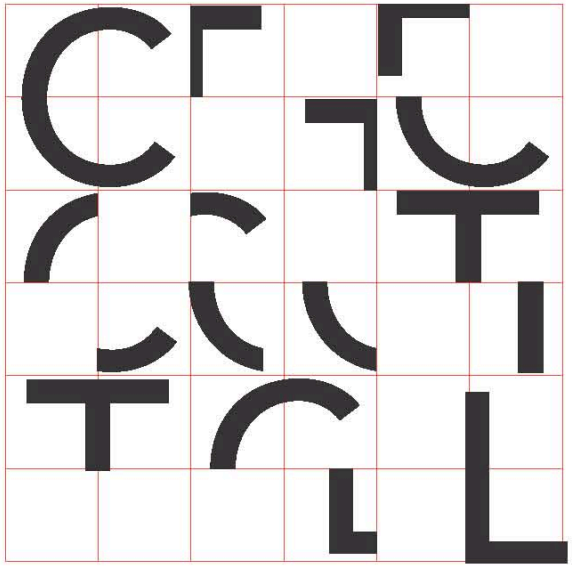


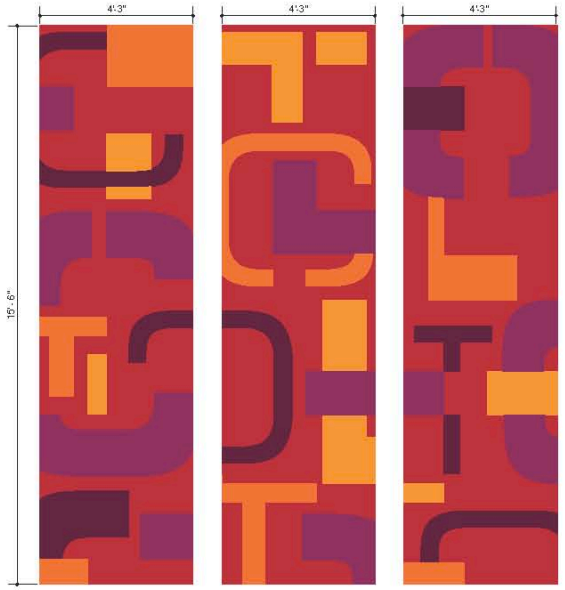
Julian Stanszak

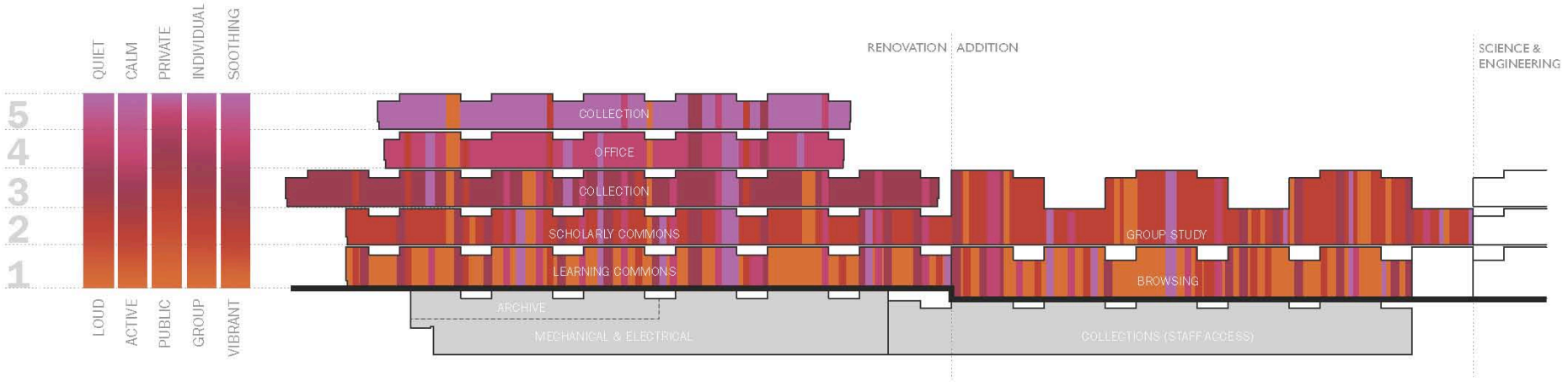
	C-1	C-5	
4	Purple/Red	NA	Purple alternate
	C-2		C-1
3	Red	Purple	
	C-3	C-6	
2	Red	Orange	
	C-3	C-7	
1	Orange	Red	
	C-4	C-5	
B	Orange	NA	
	C-4		

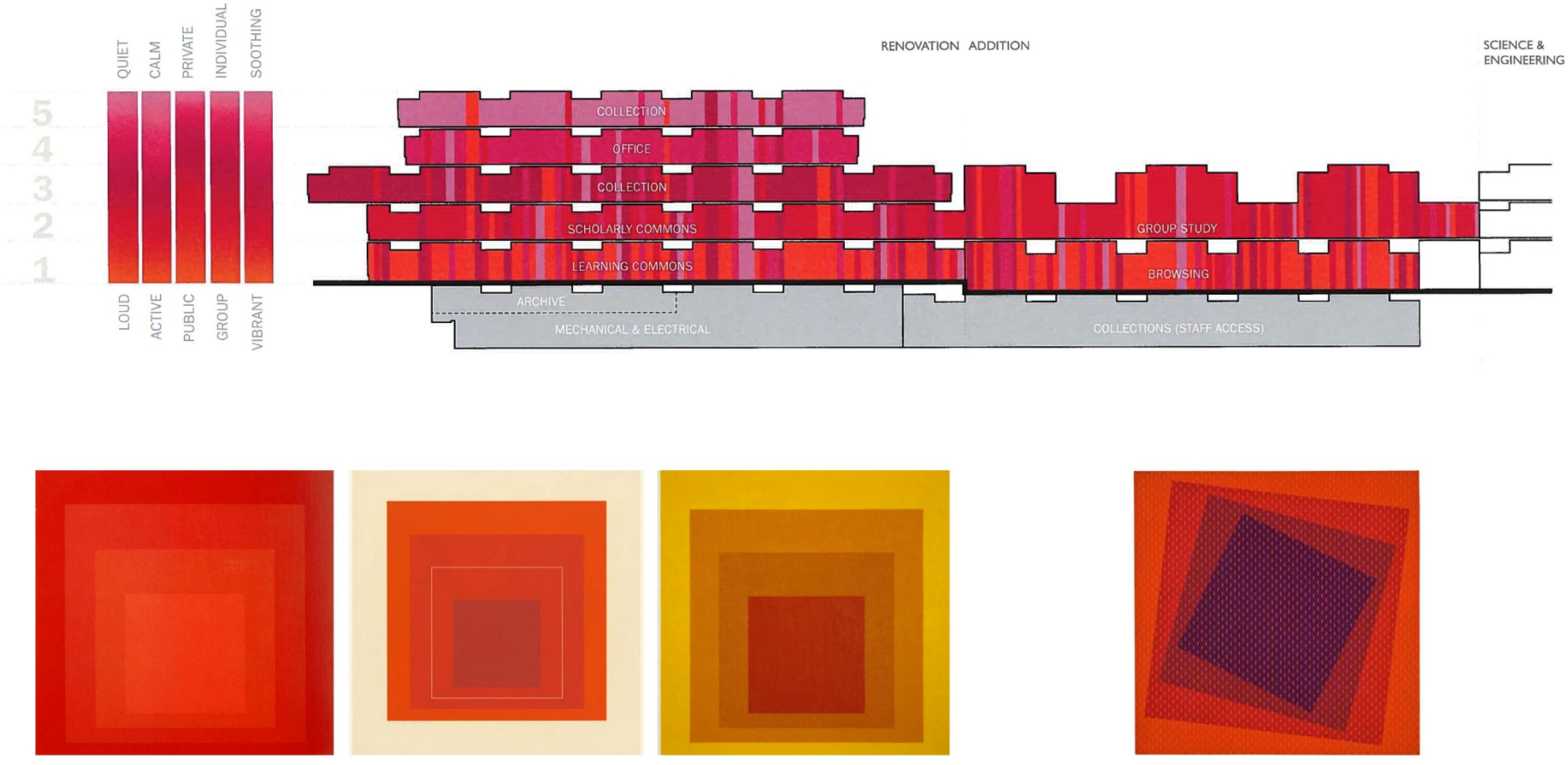


CTCL




4'-3"
4'-3"
4'-3"
15'-6"


QUIET
CALM
PRIVATE
INDIVIDUAL
SOOTHING
LOUD
ACTIVE
PUBLIC
GROUP
VIBRANT
5
4
3
2
1
RENOVATION
ADDITION
SCIENCE & ENGINEERING
COLLECTION
OFFICE
COLLECTION
SCHOLARLY COMMONS
LEARNING COMMONS
GROUP STUDY
BROWSING
ARCHIVE
MECHANICAL & ELECTRICAL
COLLECTIONS (STAFF ACCESS)


QUIET
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PRIVATE
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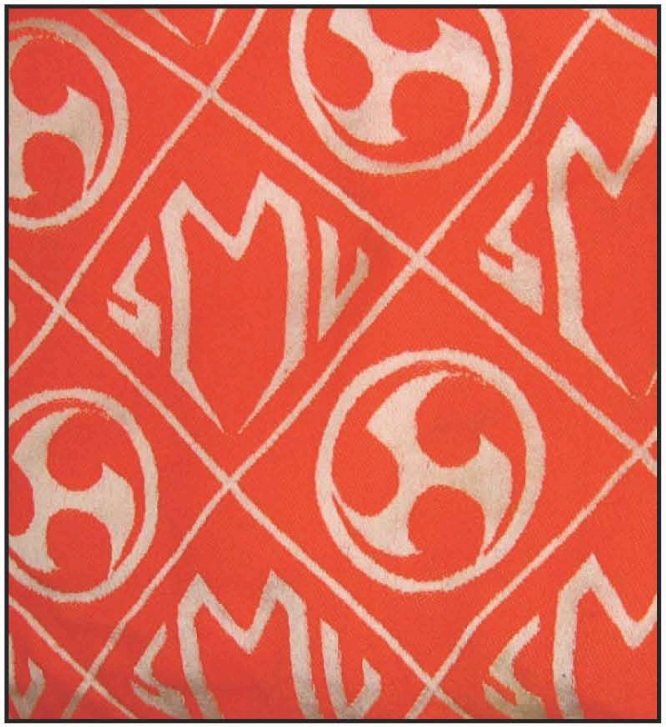
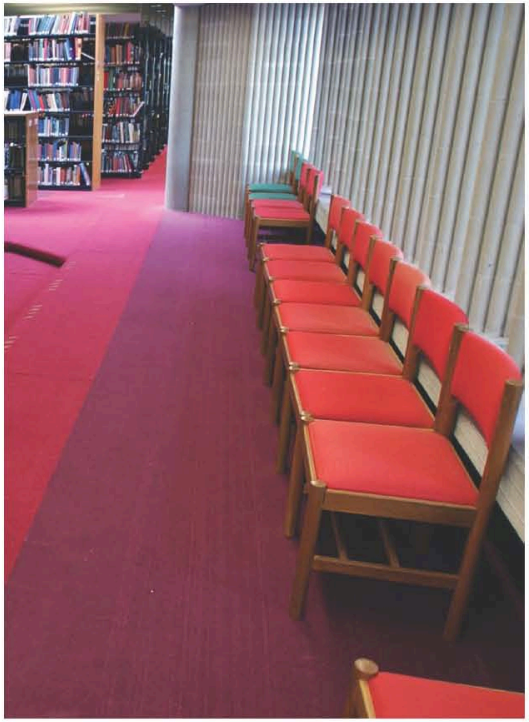
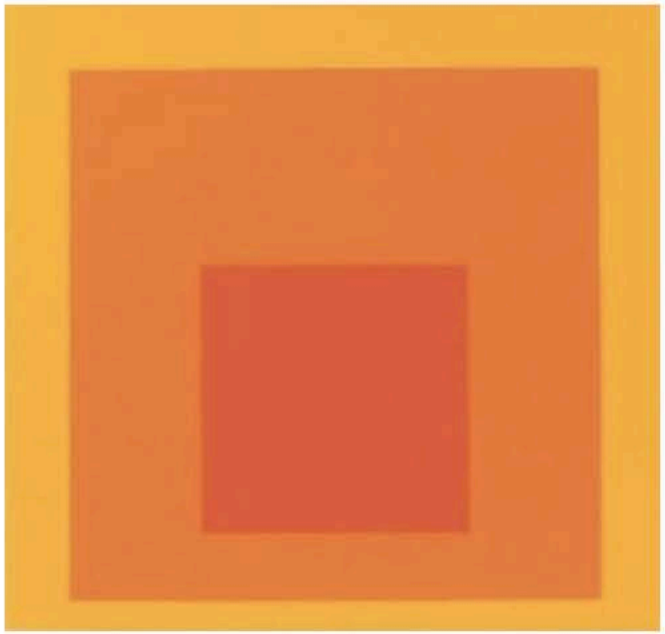
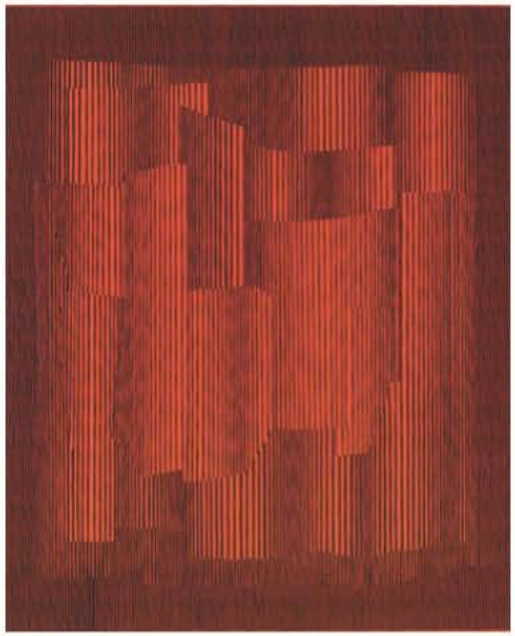
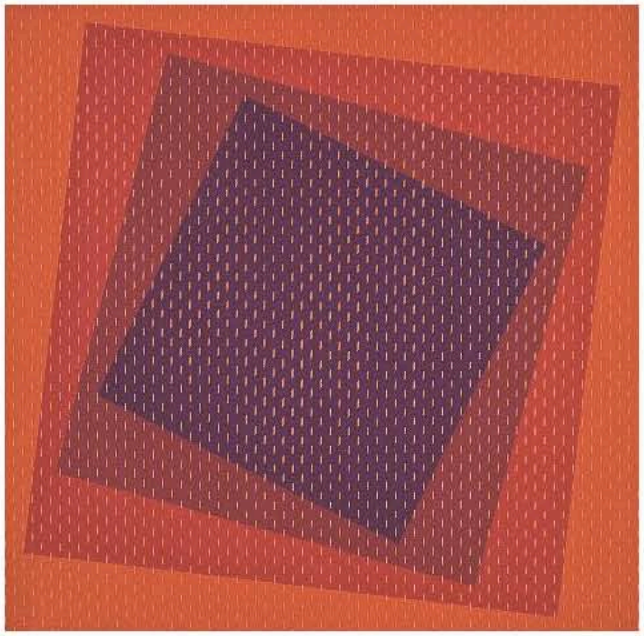


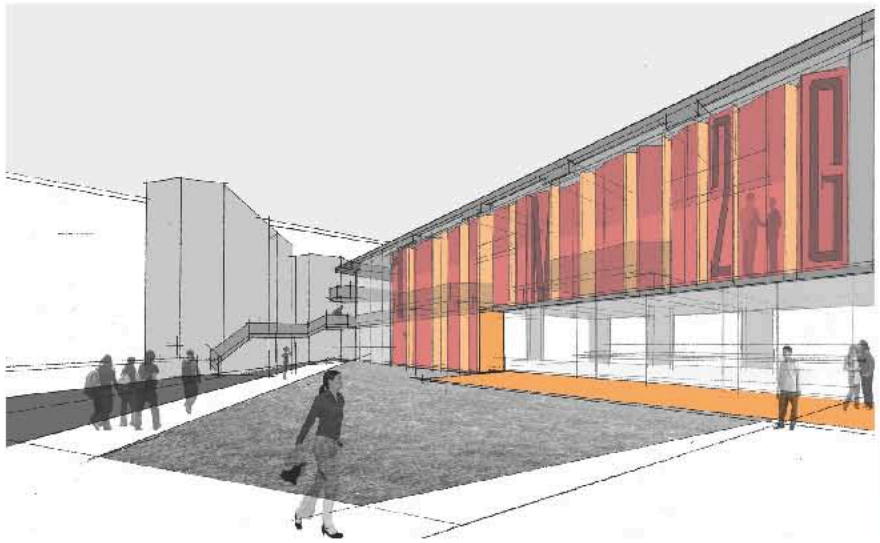


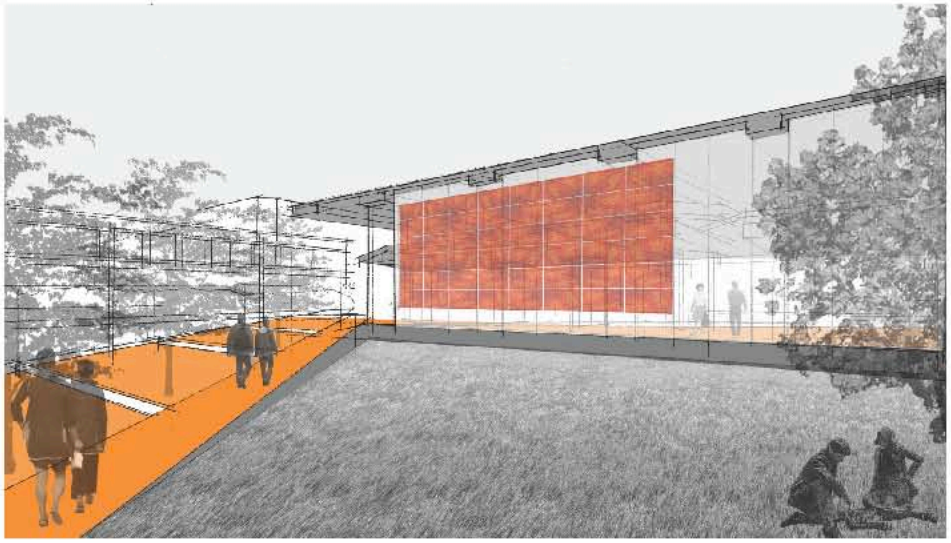
Julian Stanszak

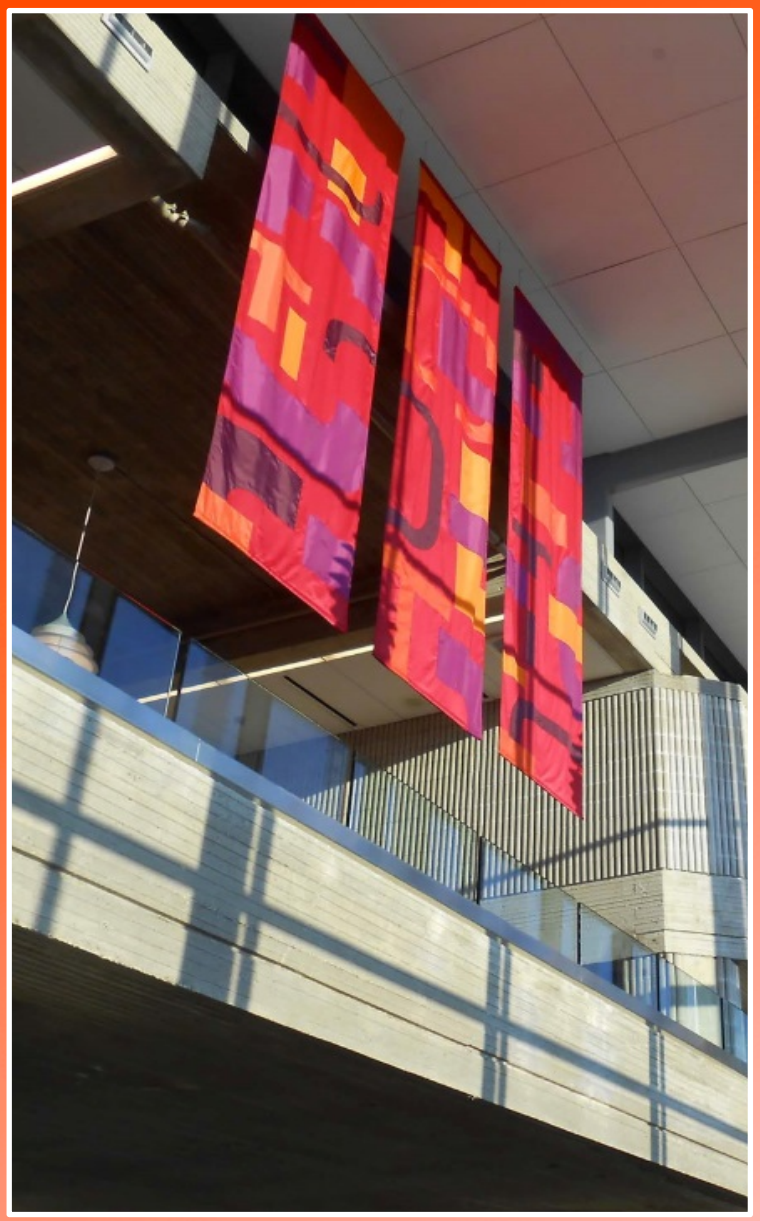




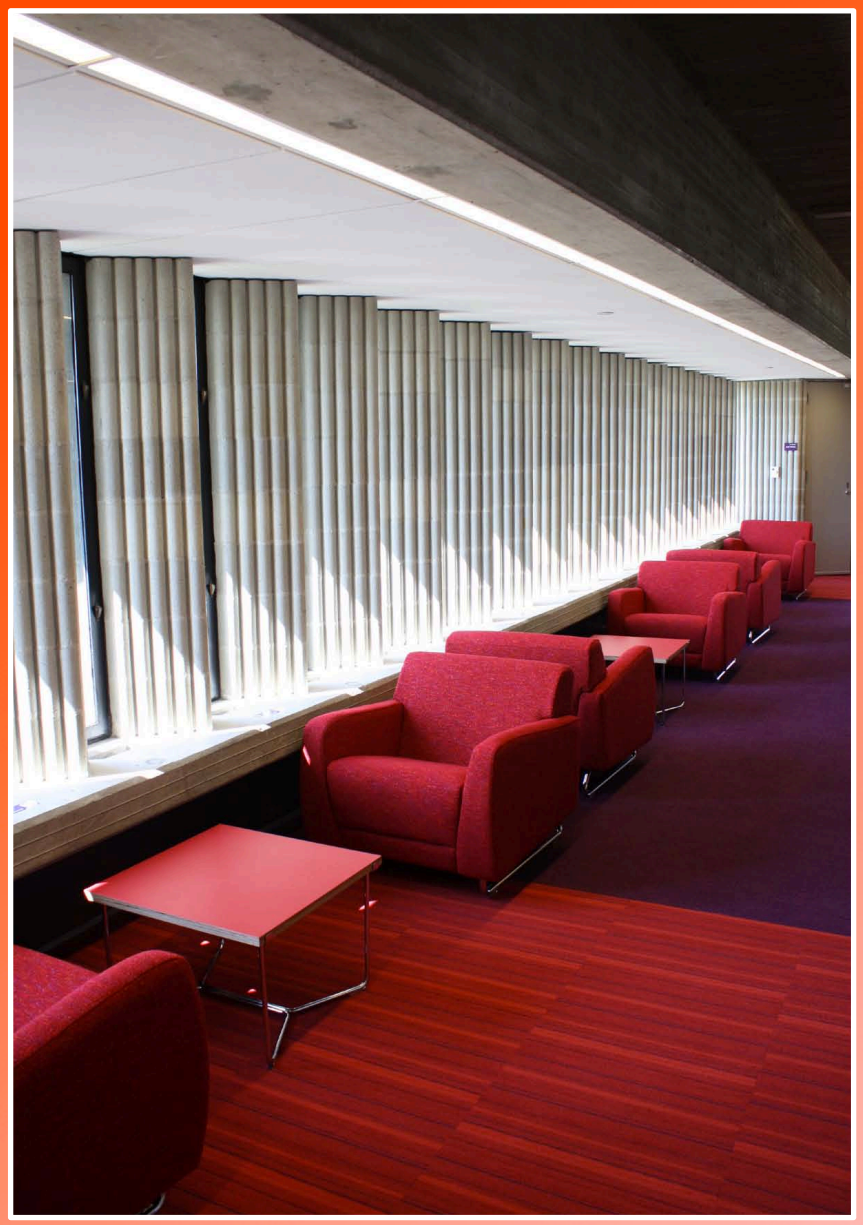




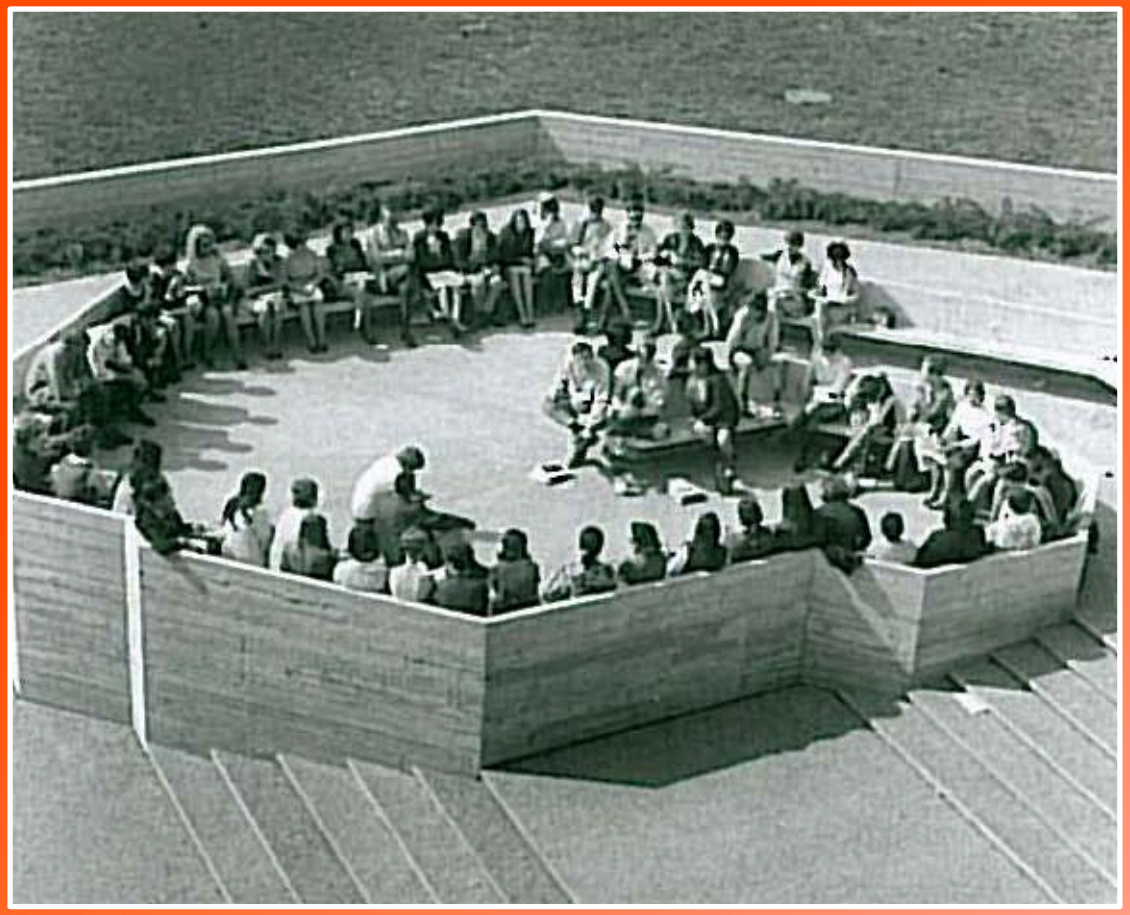




LEARNING COMMONS
INFORMATION

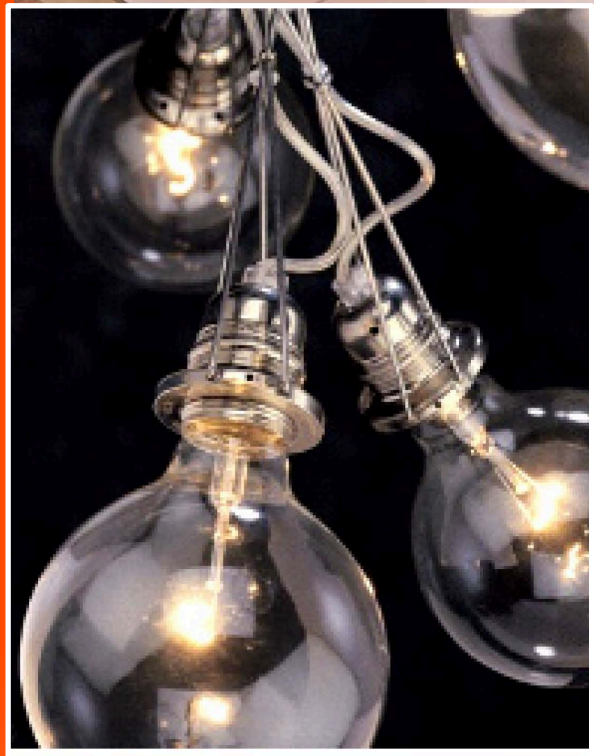


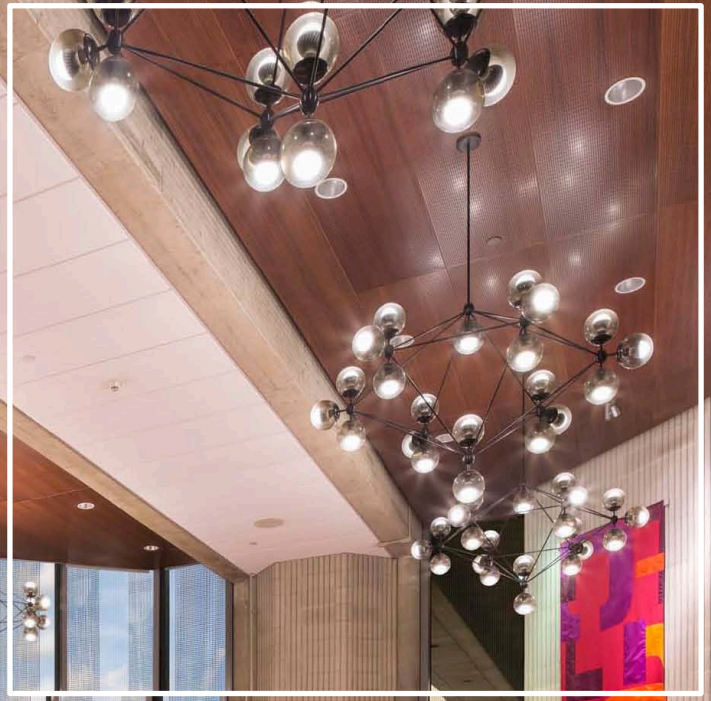
SECOND FLOOR 2
217
GROUP STUDY
217
S
STAIR



THE PIT

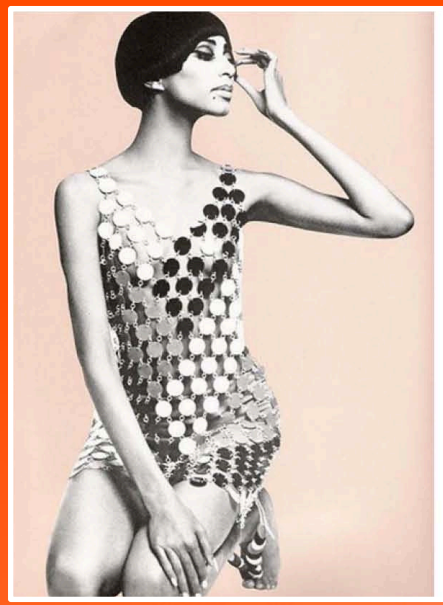
LIGHTING

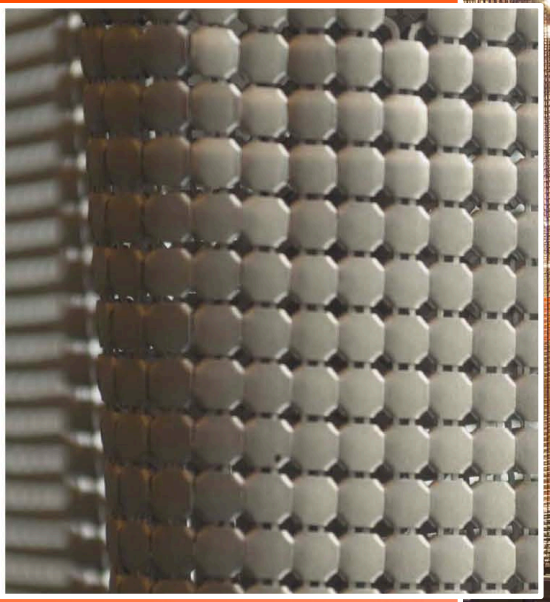


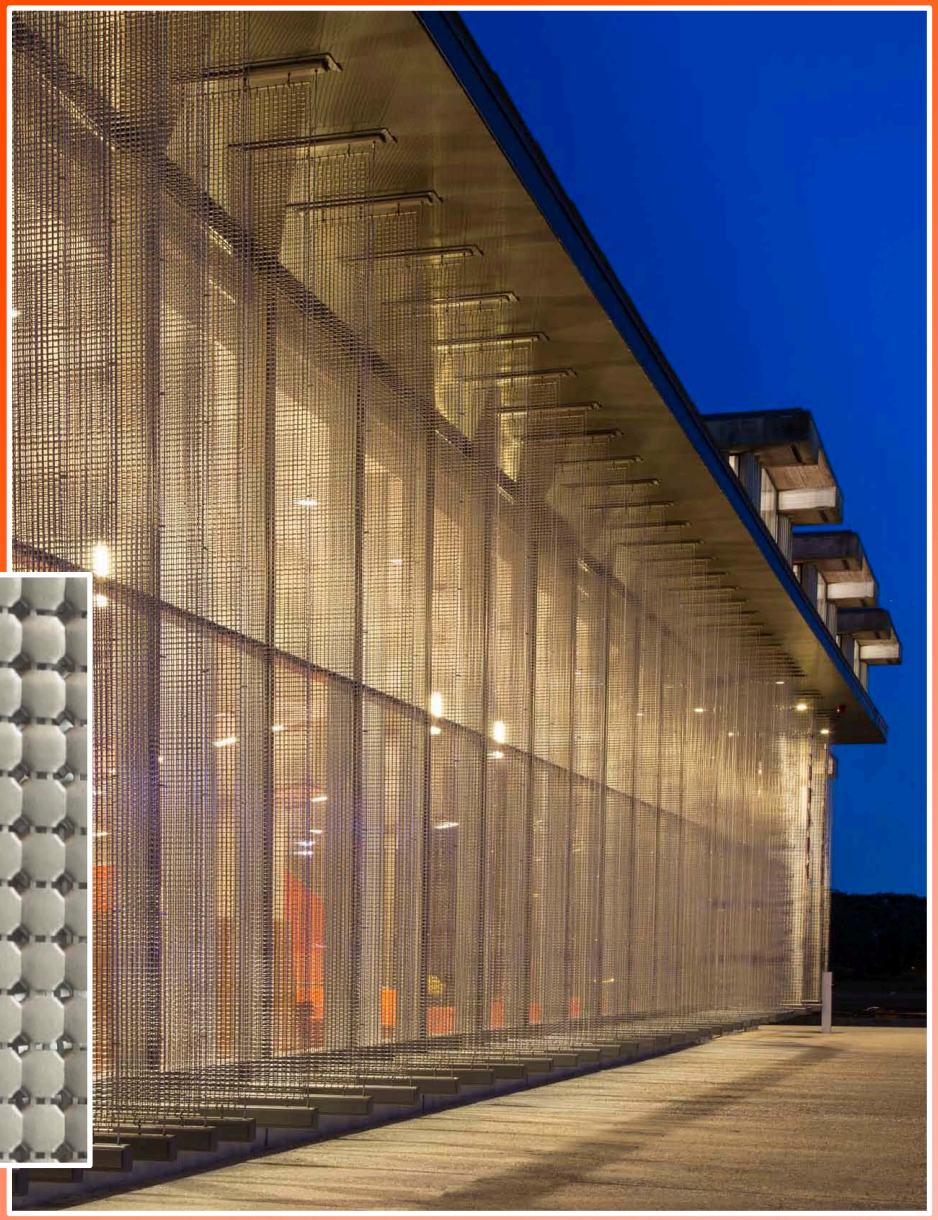


EXIT

SUSTAINABLE INNOVATION
UNIVERSITY OF WASHINGTON, SEATTLE 2016







KEYS TO SUCCESS:

- IN-DEPTH UNDERSTANDING
- EMBRACE THE ORIGINAL
- VISIONARY CLIENT
- BIGGEST IMPACT MOVES
- INTERPRETATION
- TRANSFORMATIVE

- DOES IT IMPROVE THE STUDENT EXPERIENCE?
- DOES IT PROMOTE EDUCATIONAL DEVELOPMENT?
- DOES IT ENHANCE THE INSTITUTION'S IDENTITY?

- WILL IT IMPROVE THE STUDENT EXPERIENCE?
- WILL IT PROMOTE EDUCATIONAL DEVELOPMENT?
- WILL IT ENHANCE THE INSTITUTION'S IDENTITY?

REINVENTING RUDOLPH

QUESTIONS AND DISCUSSION

retro
renovation