



The UM College of Engineering



The UM College of Engineering

Founded in 1853 (one of the first in America)

Firsts:

Metallurgical engineering (1854)

Naval architecture and marine engineering (1881)

Electrical engineering (1890)

Chemical engineering (1898)

Aeronautical engineering (1914)

Nuclear engineering (1953)

Computer engineering (1965)



UM Engineering (continued)

Today's characteristics:

4,790 undergraduate students

2,275 graduate students

305 teaching faculty

82 research faculty

1,177 B.S. graduates a year

581 M.S. graduates a year

184 Ph.D. graduates a year

Note: Essentially all programs ranked in top ten.

The UM College of Engineering















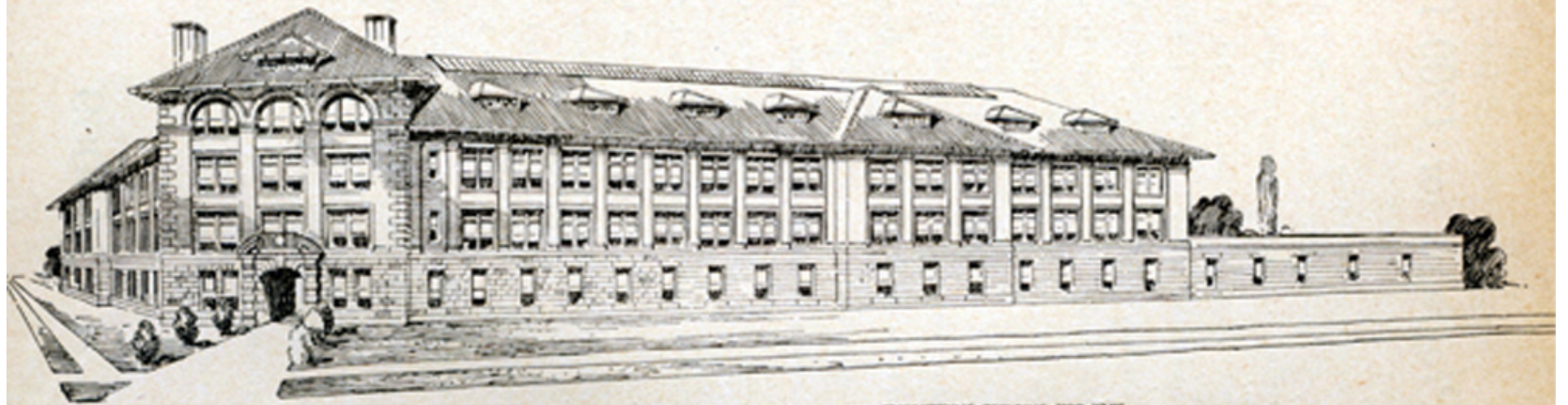






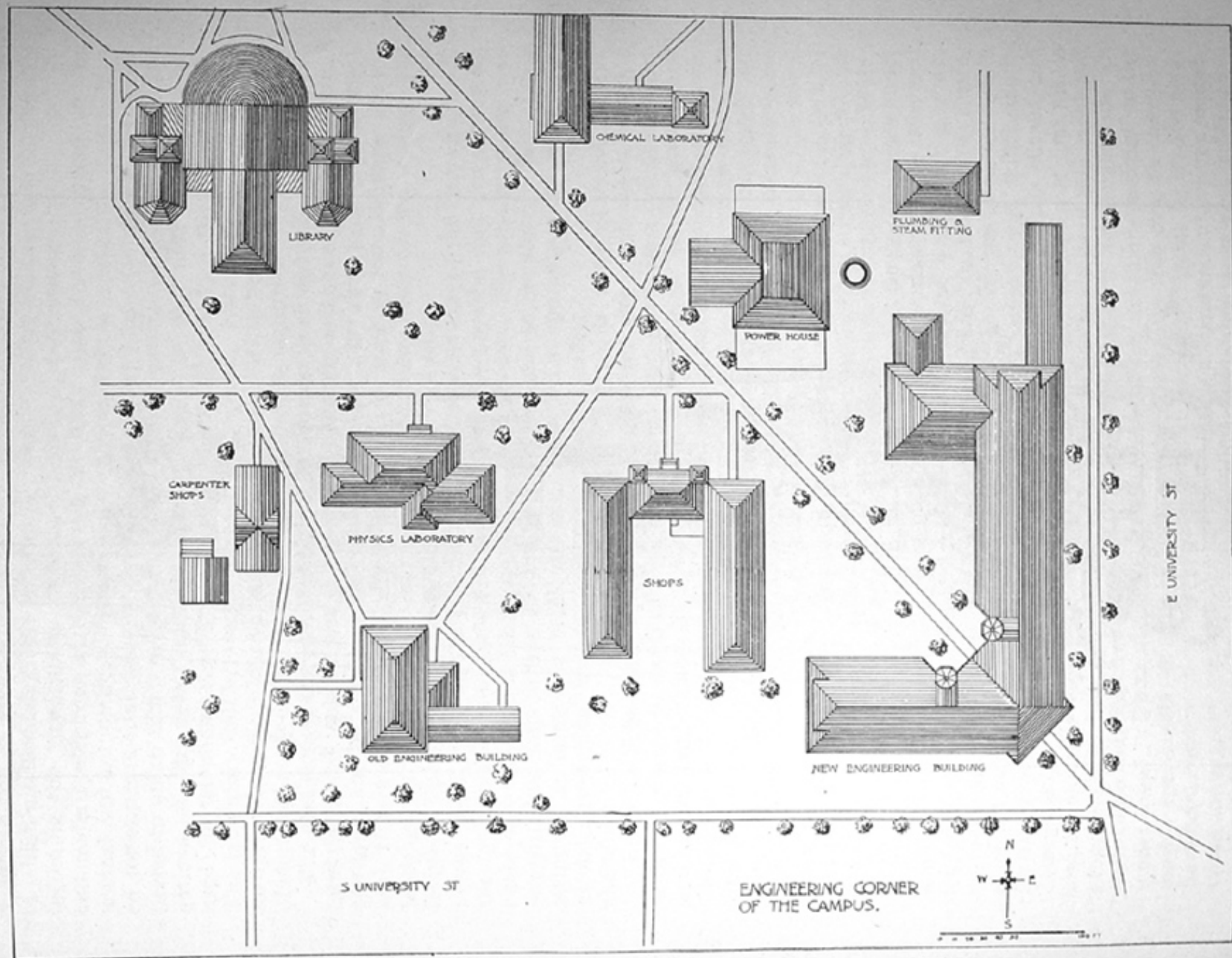


ENGINEERING BUILDING, FOR THE UNIVERSITY OF MICHIGAN.



ENGINEERING BUILDING FOR THE
UNIVERSITY OF MICHIGAN ANN ARBOR
MASON & KAHN ARCHT'S DETROIT









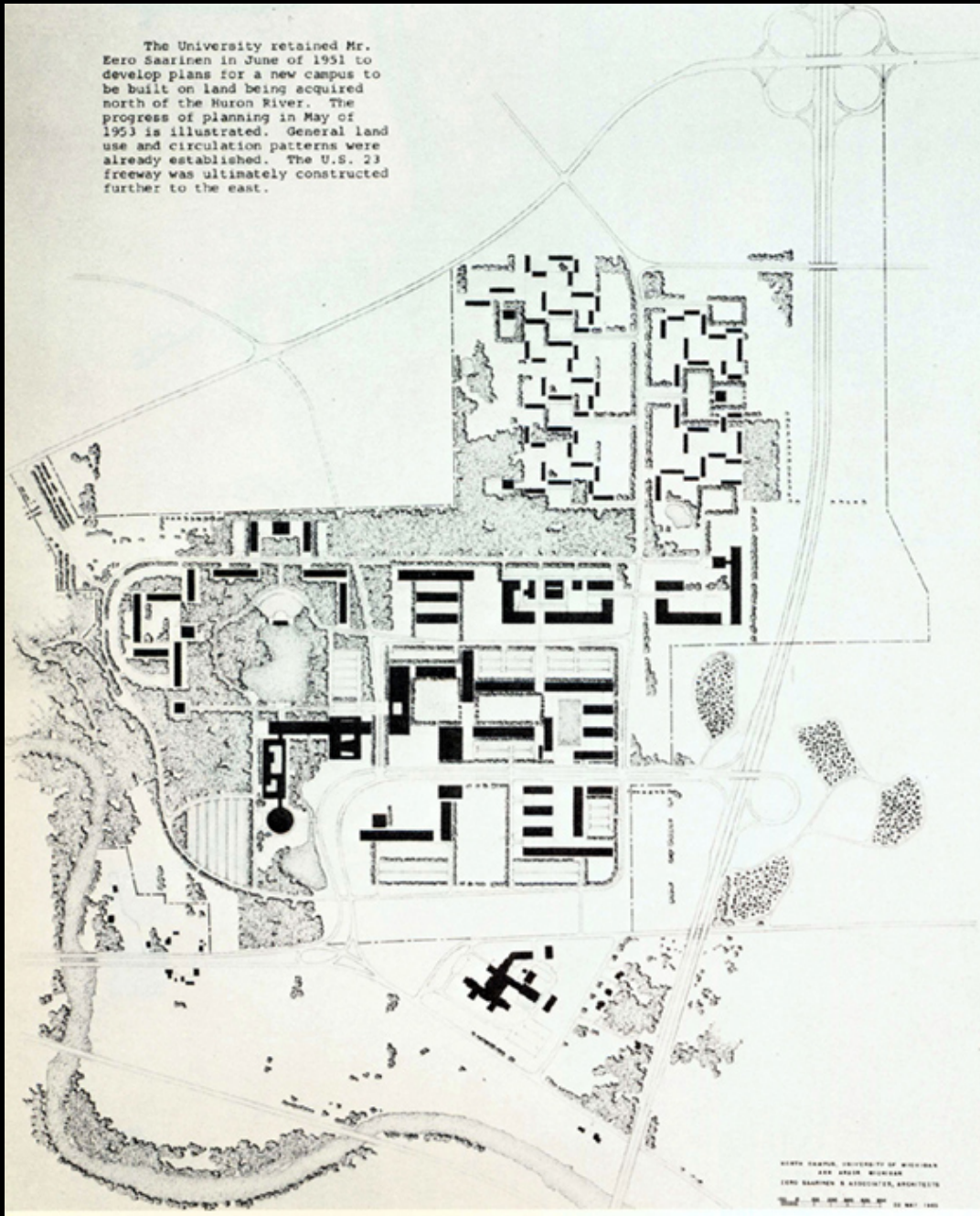




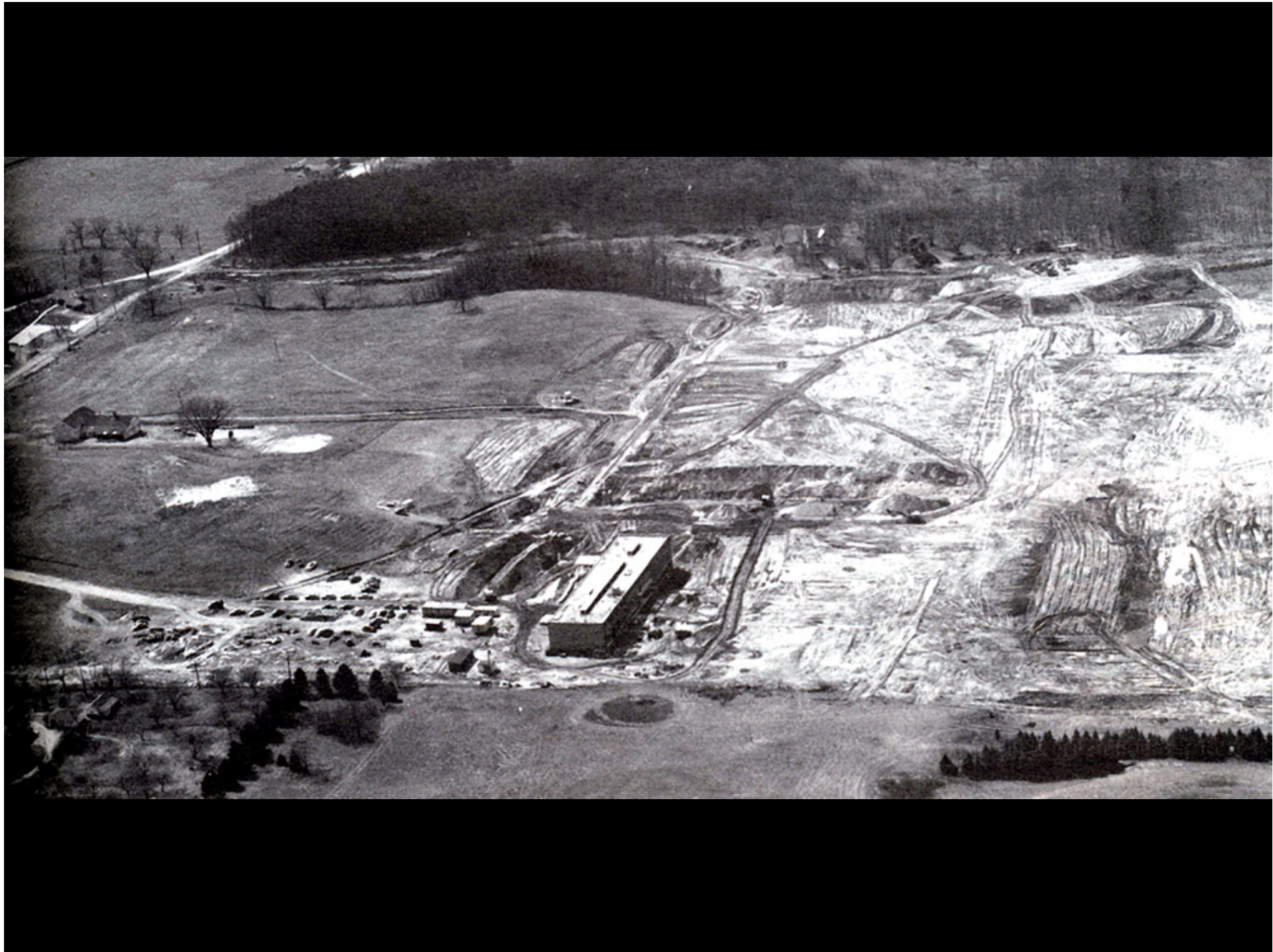




The University retained Mr. Eero Saarinen in June of 1951 to develop plans for a new campus to be built on land being acquired north of the Huron River. The progress of planning in May of 1953 is illustrated. General land use and circulation patterns were already established. The U.S. 23 freeway was ultimately constructed further to the east.



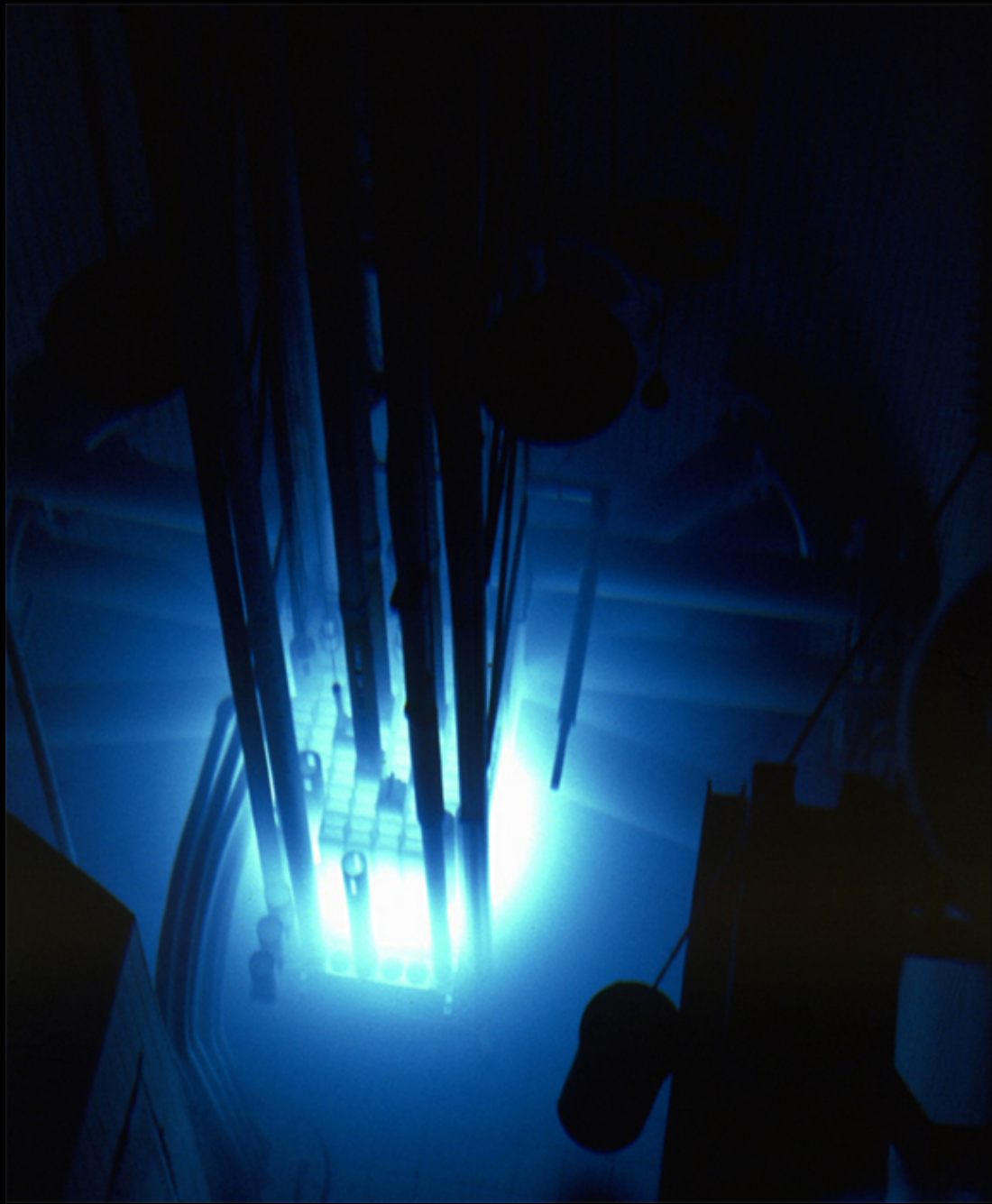
SOUTH CAMPUS, UNIVERSITY OF MICHIGAN
FOR ARTHUR MICHIGAN
EERO SAARINEN & ASSOCIATES, ARCHITECTS
Scale: 1/8" = 10' - 0" 20 MAY 1953









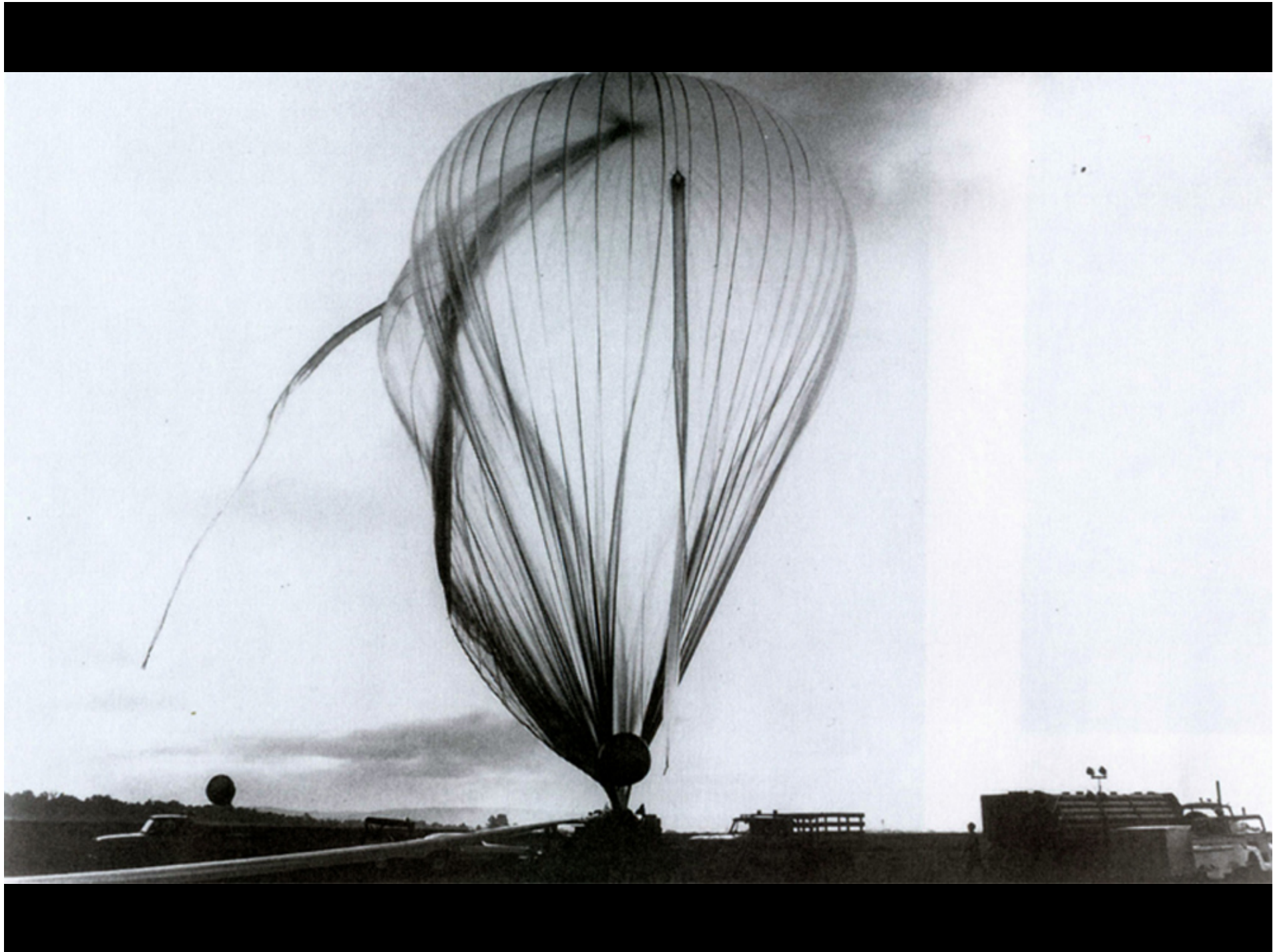






























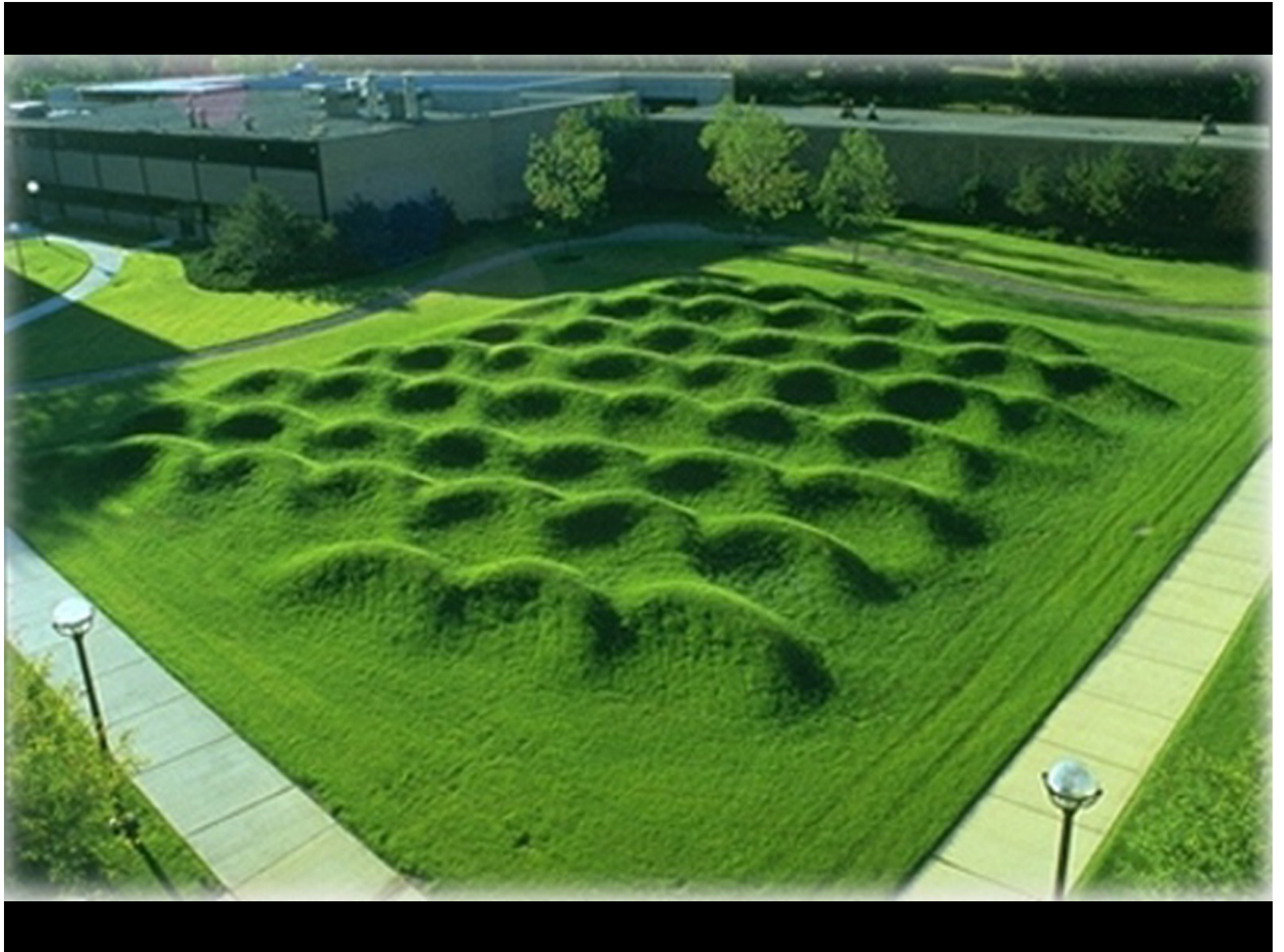




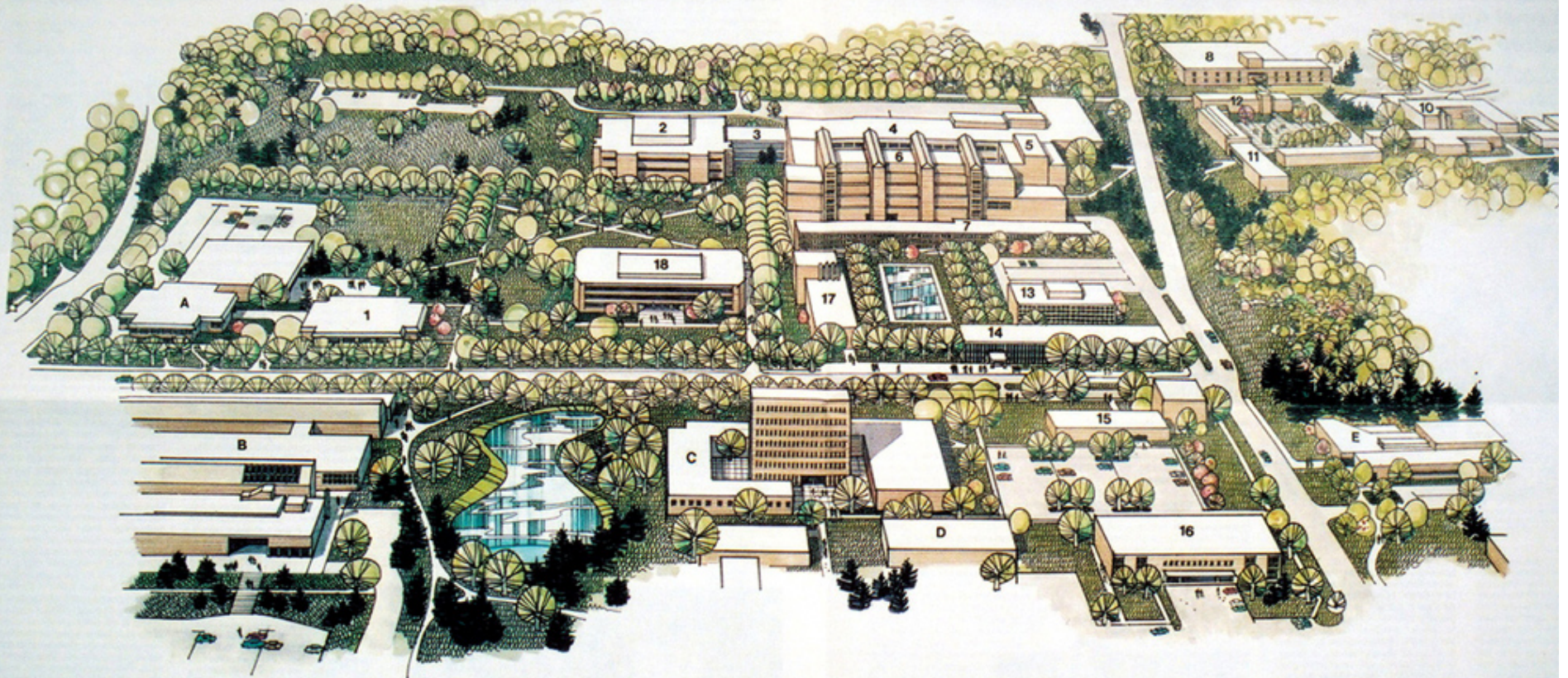








The University of Michigan North Campus



COLLEGE OF ENGINEERING FACILITIES

	FUNDING	YEAR
1 Chrysler Center	Gifts	1968
2 Herbert H. Dow Building	Gifts	1963
3 Dow Connector (under construction)	Gifts & Univ	—
4 George G. Brown Building	Federal	1957 (1964 Addition)
5 Engineering IA Building	State	1975
6 Electrical Engineering and Computer Science Building	State	1986
7 Walter E. Lay Automotive Laboratory	State & Gifts	1955
8 Space Research Building	Federal & Univ	1955 (1986 Addition)
9 Naval Architecture and Marine Engineering Building	Federal & Gifts	1977 (1979 Addition)
10 Aerospace Engineering Building	Federal & Univ	1955 (1972 Addition)
11 AEROSPACE CLASSROOMS AND RESEARCH LABORATORIES*	Federal	—
12 Research Activities Building	Federal	1963
13 Industrial and Operations Engineering	Univ	1983 (Assigned to College)
14 Mortimer E. Cooley Building	State	1953
15 Technical Communications Building	Univ	1983 (Assigned to College)
16 Center for Research on Integrated Manufacturing Building	Univ	To be occupied in 1987
17 Phoenix Memorial Laboratory and Ford Reactor	Gifts	1955
18 NORTH CAMPUS LIBRARY**	—	—

OTHER UM FACILITIES

- A North Campus Commons (addition under construction)
- B Art and Architecture Building
- C Institute of Science and Technology Buildings
- D Computing Center
- E Bentley Historical Library

*In Planning

**In Planning











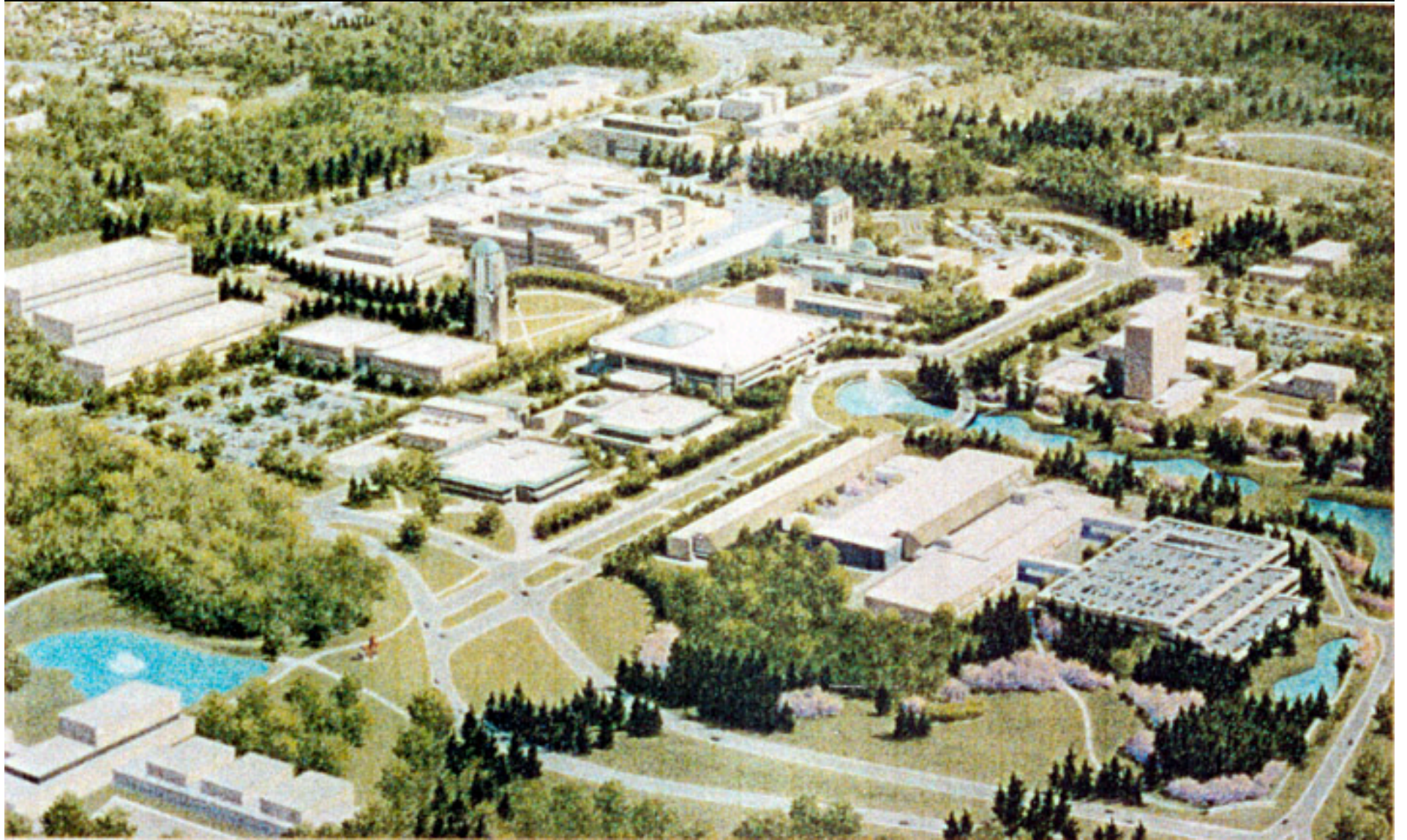


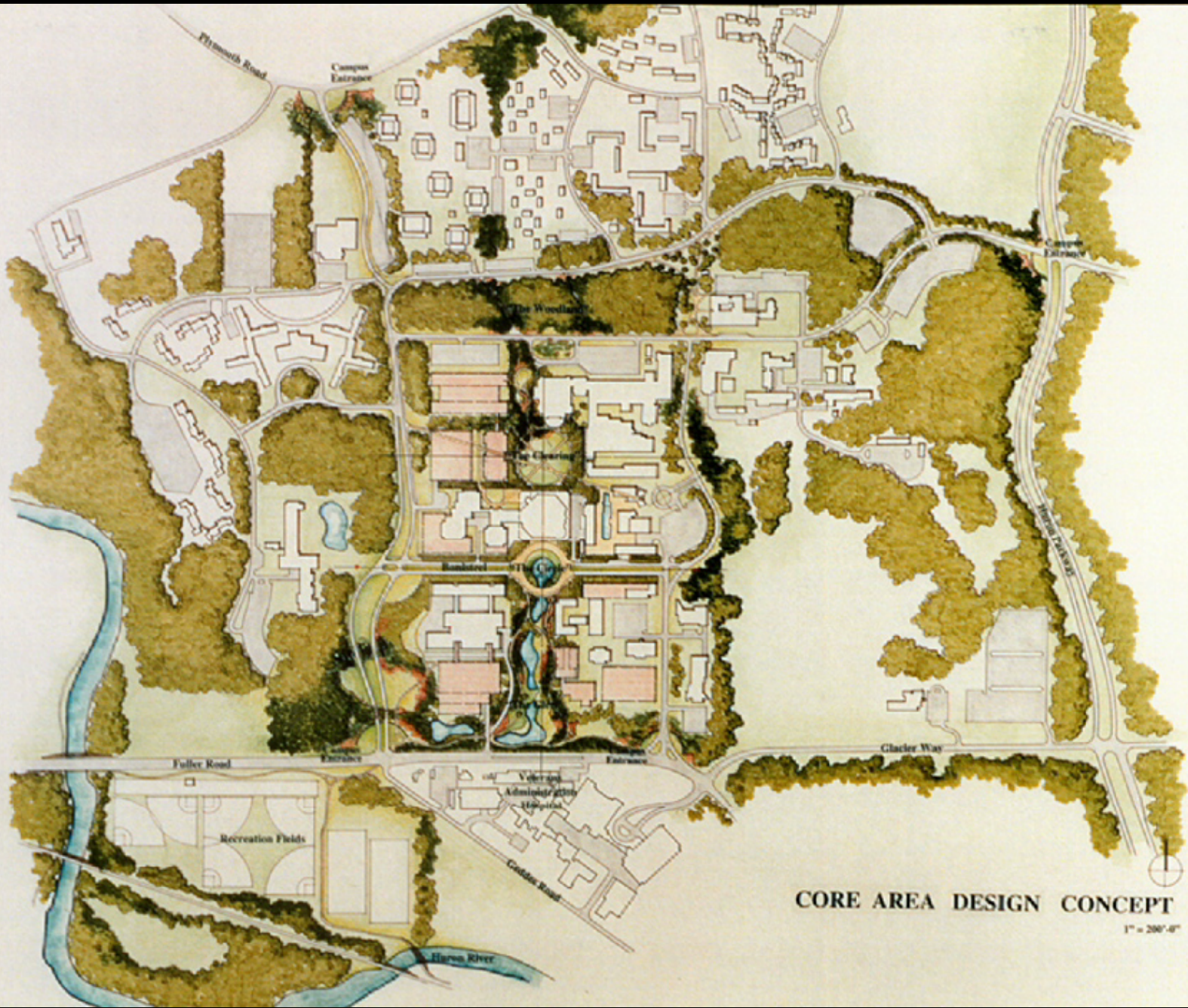












CORE AREA DESIGN CONCEPT

1" = 200'-0"

