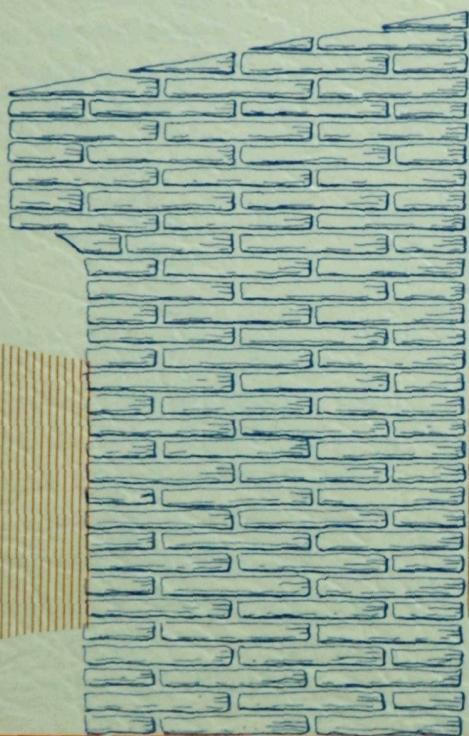
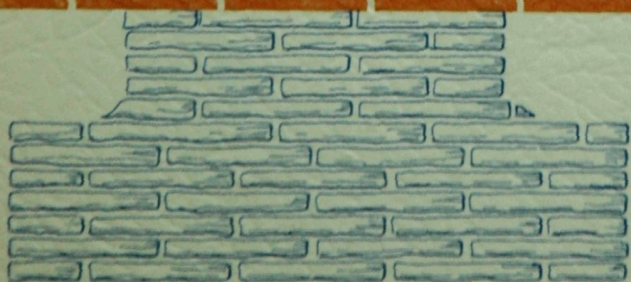


*University of  
Illinois*



**MICROBIOLOGY  
PHYSIOLOGY  
BIOLOGY LIBRARY**

**BURRILL HALL**



**URBANA**

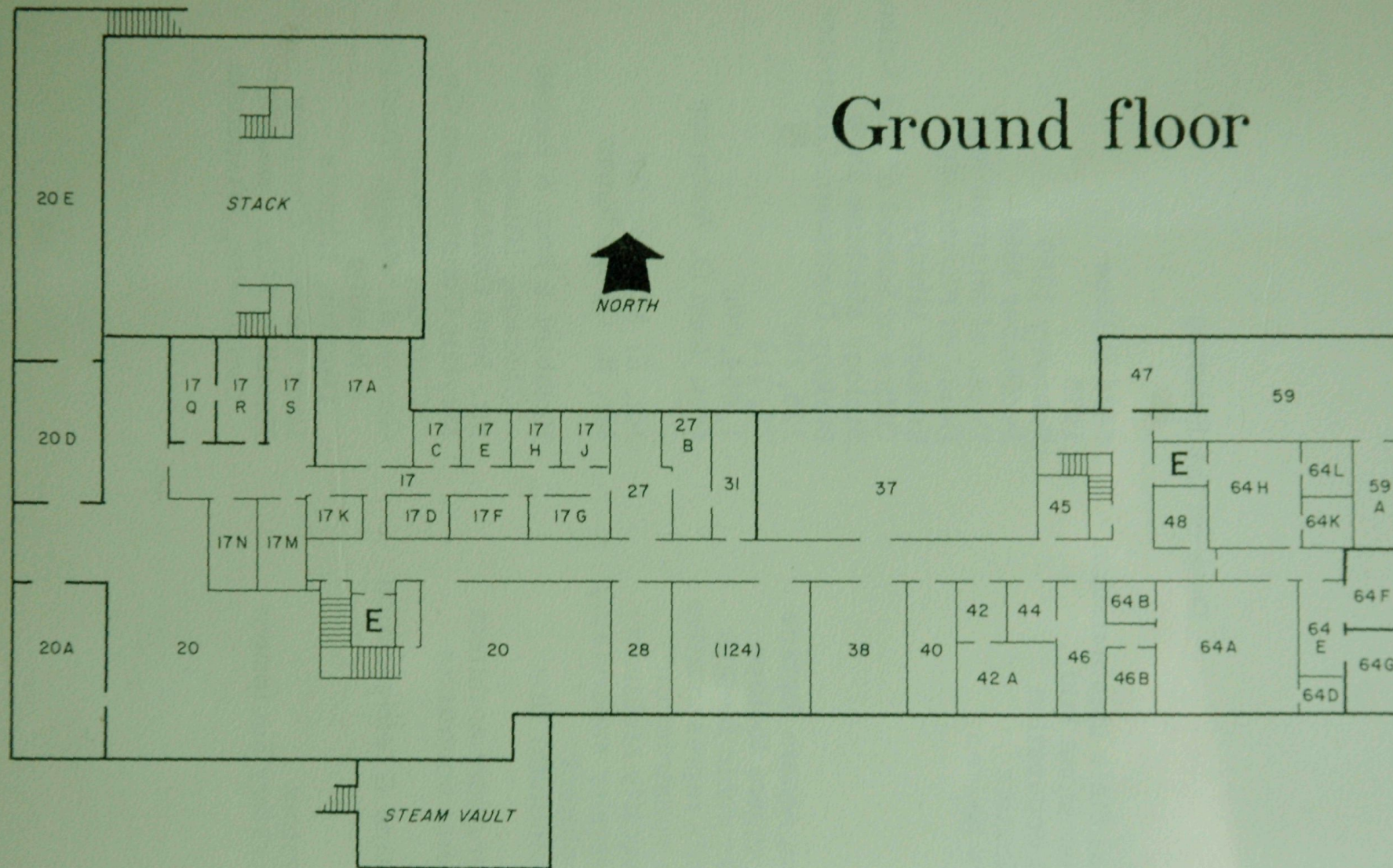


## Data on the Building

Initial State appropriation	\$486 million
Corner stone laid	1956
First occupation	February 1959
Dedication	September 1959
Units housed	Dept. of Microbiology Dept. of Physiology Biology Library Office of School of Life Science Biology Machine Shop Biology Draftsman-Illustrator
Gross square footage	129,200
Net square footage	76,114
Gross cubic footage	1,664,000
Dean's representative in construction	Prof. John D. Anderson
University architect	Mr. E. M. Stouffer
University supervising architect	Mr. R. C. Buchanan
Architectural firm	Holabird & Root & Burgee Chicago, Illinois
Supervisory architect	Mr. John Donahue
General contractor	Mayfair Construction Co. Chicago, Illinois
Heating & refrigeration	George S. Walker Plumbing & Heating Decatur, Illinois
Elevators	Long Elevator Company
Laboratory Equipment	Hamilton Mfg. Company Two Rivers, Wisconsin



# Ground floor



GROUND FLOOR

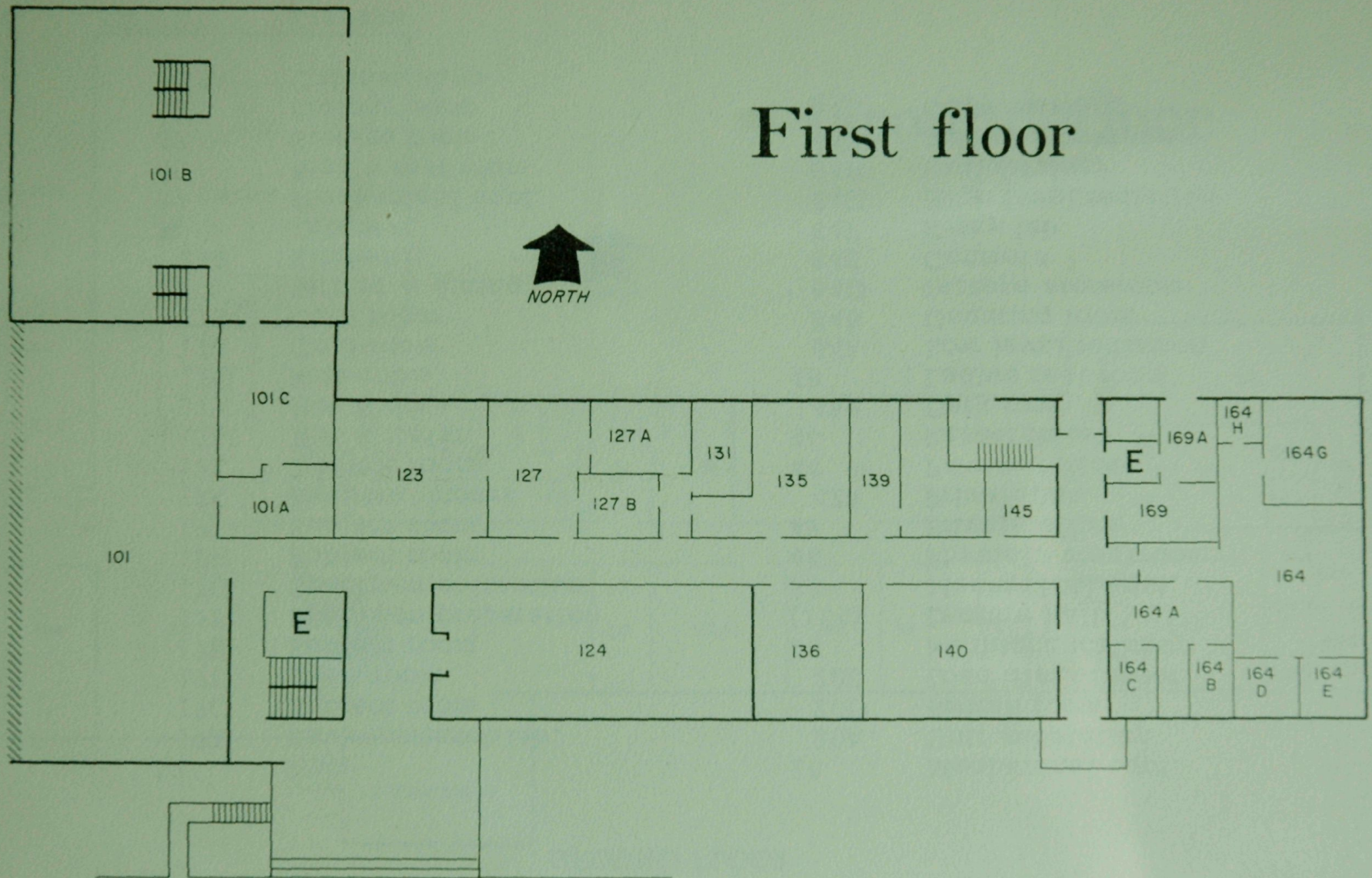


# GROUND FLOOR

17	Hall	20	Mechanical eqpt.
17A	Environmental lab.	20A	Unit substation
17C	Subject room	20D	Switch room
17D	Exam room	20E	Load dist. center
17E	Subject room	28	Maintenance shop
17F	Specimen preparation	(124)	Lecture hall
17G	Specimen collection	38	Mechanical eqpt.
17H	Subject room	40	Physiol. stockroom
17J	Subject room	42	Private office
17K	Environ. stores	42A	Private lab
17L	Control room	44	Private office
17M	Hot & moist	46	Research lab
17N	Hot & dry	46B	Dark room
17Q	Ante room	48	Ladies rest room
17R	Cold room	64A	Low level radiation
17S	Cool room	64B	Counting room
27	Sitting & dining	64D	Isotope storeroom
27B	Kitchen	64E	Controls
31	Office	64F	X-ray lab
37	Mechanical eqpt.	64G	High level radiation
45	Men's rest room	64H	Radiobiology
47	Storage room	64K	Animal stockroom
59	Biology shop	64L	Cage washing
59A	Cabinet shop		
"E"	Elevator		



# First floor





# FIRST FLOOR

101	Library
101A	Private office
101B	Stacks
101C	Workroom
123	Seminar room
127	Microbiology office
127A	Dept. Head office
127B	Mimeo room
131	Conference room
135	Dept. Head lab
139	Ladies' rest room
145	Men's rest room
169	Janitor
169A	Receiving

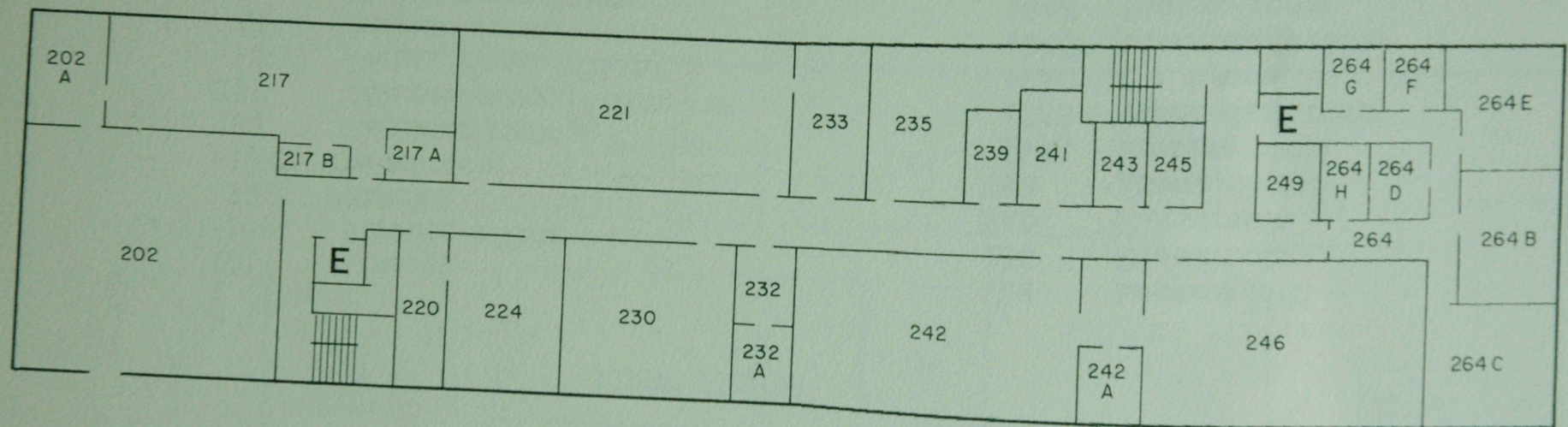
124	Lecture hall
136	Classroom
140	Classroom
164	Research lab
164A	Service room
164B	Photo dark room
164C	Cold room
164D	Instrument room
164E	Plating room
164G	Office & lab
164H	Incubator

"E"	Elevator
-----	----------





## Second floor





## SECOND FLOOR

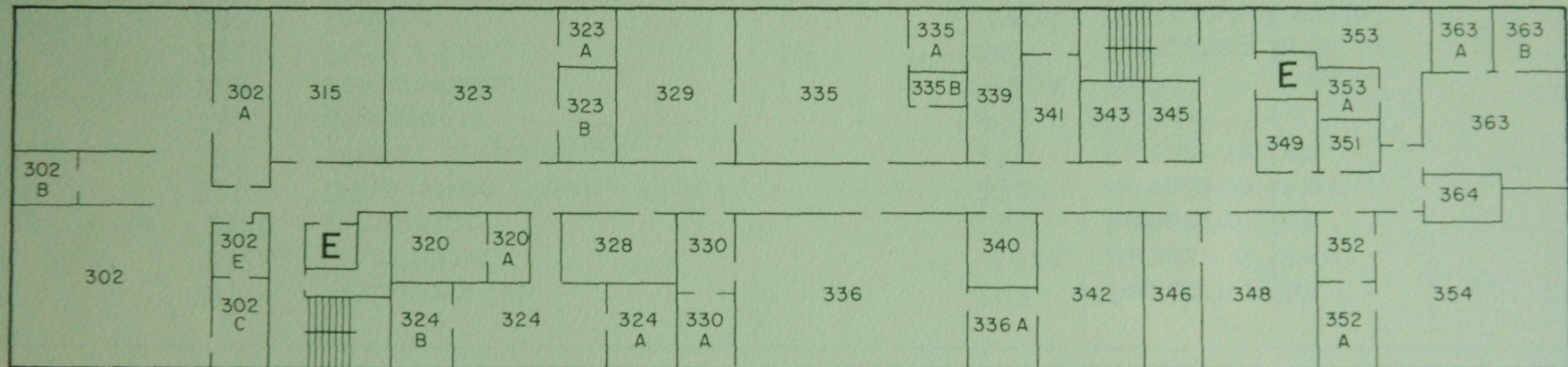
217 Teaching lab  
217A Cold room  
217B Incubator  
221 Glassware clean. & stor.  
233 Media preparation  
235 Storeroom  
239 Preparation  
241 Dark room  
243 Janitor  
245 Men's rest room  
249 Ladies' rest room

"E" Elevator

202 Teaching lab  
202A Incub. & prep.  
220 Research lab  
224 Research lab  
230 Research lab  
232 Office  
232A Office  
242 Teaching lab  
242A Instrument room  
246 Teaching lab  
264 Hall  
264B Animal holding  
264C Animal holding  
264D Rodent operation  
264E Animal holding  
264F Storeroom  
264G Cage washing  
264H Synthesis lab



# Third floor





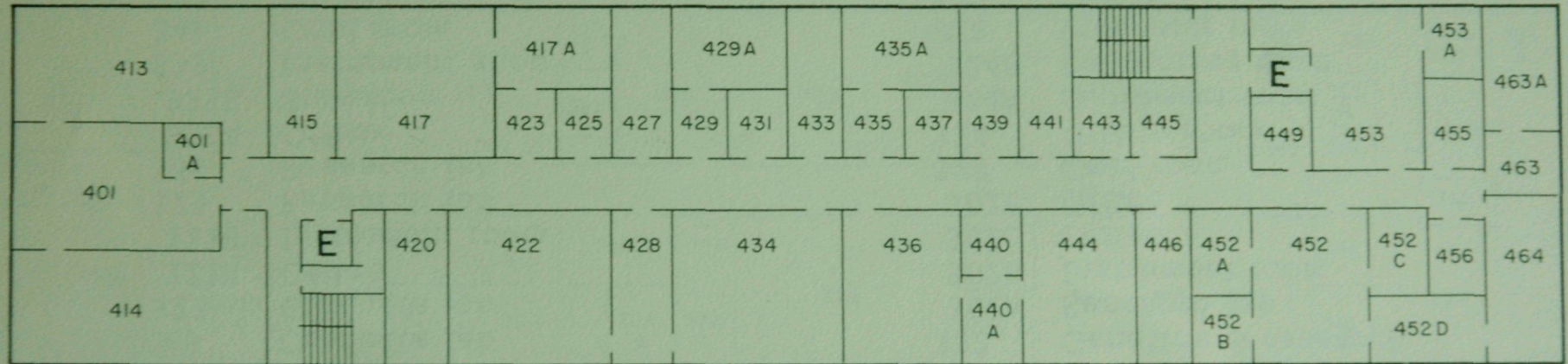
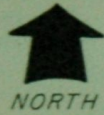
### THIRD FLOOR

315 Graduate lab  
 323 Graduate lab  
 323A Office  
 323B Instrument room  
 329 Research lab  
 335 Research lab  
 335A Office  
 335B Storeroom  
 339 Instrument shop  
 341 Cold room  
 343 Janitor  
 345 Men's rest room  
 349 Ladies' rest room  
 351 Incubator  
 353 Prep. room  
 353A Plating room  
 363 Tissue culture lab  
 363A Tissue culture inoculation  
 363B Tissue culture lab  
 "E" Elevator

302 Genetics & research  
 302A Research lab  
 302B Instrument room  
 302C Office  
 302E Office  
 320 Cold room  
 324 Utility room  
 324A Equipment room  
 324B Fermenting room  
 328 Incubator room  
 330 Office  
 330A Office  
 336 Graduate research lab  
 336A (342A) Instrument room  
 340 Counting room  
 342 Research lab  
 346 Office & lab  
 352 Office  
 352A Office  
 354 Virus research lab  
 364 Radiation lab



# Fourth floor





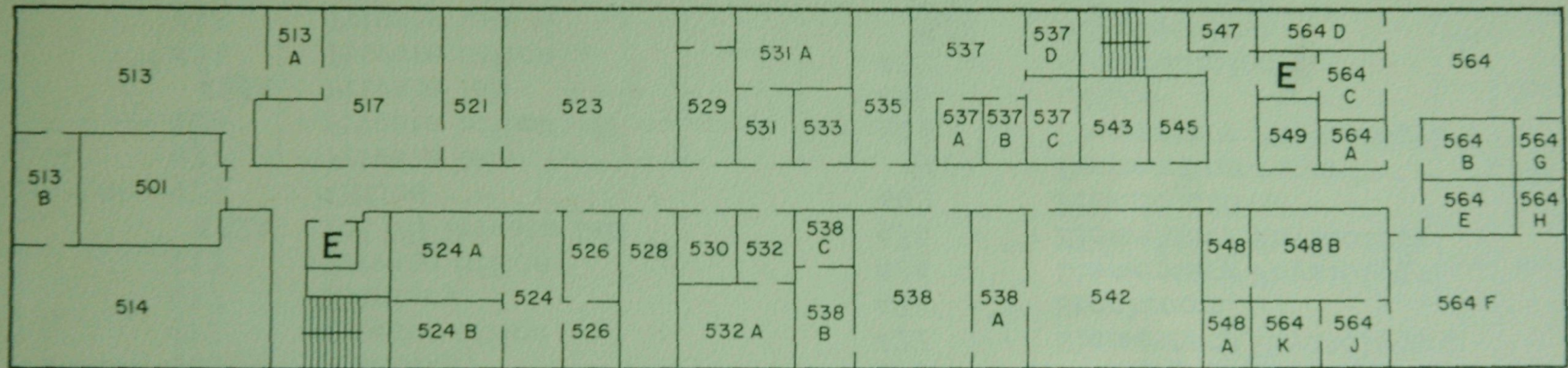
# FOURTH FLOOR

401	Anatomy	414	Anatomy
413	Anatomy	420	Anatomy preparation
415	Private office	422	Elementary Physiology
417	Anatomy	428	Stockroom
423	Private office	434	Elementary Physiology
423A	(417A) Private lab	436	Elementary Physiology
425	Office	440	Private office
427	Private lab	440A	Preparation room
429	Private office	444	Elementary Physiology
429A	Private lab	446	Office
431	Private office	452	Electrobiology
433	Private lab	452A	AC recording
435	Private office	452B	DC recording
435A	Private lab	452C	EEG
437	Private office	452D	(464A) Electronics shop
439	Private lab	456	Cold blood vertebrates
441	Ladies rest room	464	Instrument shop
445	Men's rest room		
449	Office		
453	Physiology stockroom		
455	Photo darkroom		
463	Private office		
463A	Private lab	"E"	Elevator





# Fifth floor



FIFTH FLOOR



# FIFTH FLOOR

501 Reading room  
 513 Physiol. chemistry  
 513A (517A) Cold room  
 513B (514A) Instrument room  
 517 Advanced cellular lab  
 521 (517B) (523A) Stockroom  
 523 Cellular & comparative lab  
 529 Private office  
 531 Private office  
 531A Research lab  
 533 Private office  
 535 Research lab  
 537 Aquaria lab  
 537A Aquaria lab  
 537B Aquaria lab  
 537C Aquaria lab  
 537D Aquaria lab  
 543 Janitor  
 545 Men's rest room  
 547 Incinerator  
 549 Ladies' rest room  
 514 Research lab  
 524 Physiology office

"E" Elevator

524A Draftsman - illustrator  
 524B General office  
 526 Conference room  
 526A (524C) Dept. Head office  
 528 Research lab  
 530 Private office  
 532 Private office  
 532A Research lab  
 538 Advanced teaching lab  
 538A (542A) Stockroom  
 538B X-ray room  
 538C X-ray darkroom  
 542 Teaching lab  
 548 Steril. room  
 548A Wash room  
 548B Animal operating room  
 564 Rodents  
 564A Office  
 564B Rodent operating  
 564C Cage washing  
 564D Rodent metabolism  
 564E Food preparation  
 564F Animal activity  
 564G Animal activity  
 564H Cats  
 564J Prep. room  
 564K Recovery room



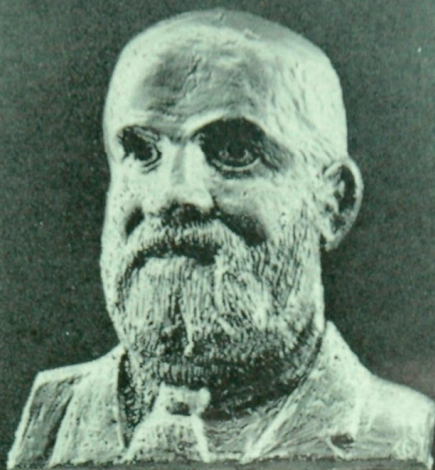
*Dedication of Burrill Hall*

UNIVERSITY OF ILLINOIS, URBANA, SEPTEMBER 8, 1959



*The Departments of Microbiology and Physiology and the Biology Library are housed in Burrill Hall.*





## THOMAS JONATHAN BURRILL

1839-1916

### BIOLOGIST

AFTER A CHILDHOOD IN RURAL MASSACHUSETTS, HE GRADUATED FROM ILLINOIS STATE NORMAL SCHOOL, WAS SUPERINTENDENT OF SCHOOLS IN URBANA, AND IN 1868 BECAME ONE OF THE UNIVERSITY'S ORIGINAL FACULTY.

HIS RESEARCH FOUNDED THE SCIENCE OF BACTERIAL PLANT PATHOLOGY. HE TAUGHT THE FIRST AMERICAN COURSE IN BACTERIOLOGY. HE WAS PRESIDENT OF THE SOCIETY OF AMERICAN BACTERIOLOGISTS AND THE AMERICAN MICROSCOPICAL SOCIETY.

AT ILLINOIS HE SERVED AS PROFESSOR OF BOTANY AND HORTICULTURE, VICE PRESIDENT, DEAN OF COLLEGE OF SCIENCE, DEAN OF THE GENERAL FACULTY, DEAN OF THE GRADUATE SCHOOL, AND ACTING PRESIDENT.

OF HIS PERSONAL CHARACTER IT MAY BE NOTED THAT HIS GREAT GENTLENESS MADE HIM REMARKABLY BELOVED. A COLLEAGUE ONCE TOLD HIM: "DR. BURRILL, BIOLOGICALLY SPEAKING, YOU ARE A MONSTER OF GOODNESS".

Dr. Stephen A. Forbes, who was Professor of Entomology at the University of Illinois, made the following statement about Professor Burrill in 1916: "If he may not be called the Father of the University of Illinois, he was at least its elder brother, intimately acquainted with its aims, character, and history, the depository of its traditions, the friend, counselor, guide, and trusted confidant of its successive presidents and of its trustees. . . . Long may he live in these halls and on this campus, in memory, in spirit, in example, and in the gratitude and honor of all good men."



## *Luncheon Program*

ILLINI UNION BALLROOM, 12:00 NOON

HONORARY CHAIRMAN	Dr. Charles F. Hottes Professor of Plant Physiology, Emeritus University of Illinois
CHAIRMAN	Dr. Lyle H. Lanier Dean of the College of Liberal Arts and Sciences University of Illinois
INVOCATION	The Reverend Charles H. Cappell Graduate Student in Physiology University of Illinois
MUSIC	The "Continentials," Student Male Quartet
INTRODUCTION OF GUESTS	Dean Lanier
HISTORICAL SURVEY	"Physiology as I Remember It" Dr. Hiram E. Essex Physiologist, Retired, Mayo Clinic "Bacteriology as I Remember It" Dr. Gail M. Dack Professor of Microbiology University of Chicago
MUSIC	Bruce R. Foote, Baritone Professor of Music University of Illinois Grace E. Wilson, Accompanist Associate Professor of Music University of Illinois
ADDRESS	"Men in Orbit" Dr. Wallace O. Fenn Professor of Physiology, Retired University of Rochester
REMARKS	Dr. Henning Larsen Vice-President and Provost, Emeritus University of Illinois Dr. David D. Henry President of the University of Illinois The Honorable Kenney E. Williamson President of the Board of Trustees University of Illinois
MUSIC	"Hail to the Orange," sung by the audience
ADJOURNMENT	Guests will go to the entrance of Burrill Hall for the dedication ceremony.



## *Dedication Program*

### ENTRANCE OF BURRILL HALL

#### DEDICATION OF THE BUILDING

The Honorable Kenney E. Williamson  
President of the Board of Trustees  
University of Illinois

Dr. David D. Henry  
President of the University of Illinois

Dr. Lyle H. Lanier  
Dean of the College of Liberal Arts  
and Sciences  
University of Illinois

#### ACCEPTANCE OF THE BUILDING

Dr. H. Orin Halvorson  
Professor and Head of the Department  
of Microbiology  
University of Illinois

Dr. Robert E. Johnson  
Professor and Head of the Department  
of Physiology  
University of Illinois

Dr. Robert B. Downs  
Dean of Library Administration and Director  
of the Graduate School of Library Science  
University of Illinois

#### BENEDICTION

The Reverend Charles H. Cappel  
Graduate Student in Physiology  
University of Illinois

#### BUILDING TOURS

#### BURRILL HALL







THOMAS J. BURRILL IN 1883.  
PHOTOGRAPH THROUGH COURTESY OF PROFESSOR CHARLES F. HOTTES.



## Testimonial by Professor Charles F. Hottes

PROFESSOR OF PLANT PHYSIOLOGY, EMERITUS, UNIVERSITY OF ILLINOIS

I am elated beyond measure to find myself here as honorary chairman at this momentous occasion.

My thoughts drift back to the year 1887 when I entered the University of Illinois as a freshman with a major interest in Botany.

It was my first prolonged absence from home, and I looked forward in fear and trembling to my first meeting with Professor Burrill. However, this feeling was of short duration. He expressed his interest in my choice of Botany as my life work, inquired about my family, and requested that I come to him at any time for information and advice. This paternal solicitude banished all fears and pangs of homesickness.

This was the beginning of a long and exceedingly interesting association, which matured as the years passed, and only ended with his death in 1916. This lengthy and close relationship between teacher and pupil contributed, on my part, to a full recognition of Professor Burrill's ability and of his value to the University of Illinois. That the University itself, after so many years, now also recognizes the unique quality of his service, is to me now a source of poignant gladness.

Professor Burrill lived in a home on the corner of Mathews and Green, where the new Methodist Church is now being erected. The pasture in which he kept his cow and horse was to the south of his home, the area on which Burrill Hall now stands. Mathews Avenue was only a muddy road. He died April 14, 1916, and is buried in Woodlawn Cemetery, Urbana.

Professor Burrill, as a young man, became interested in the study of microorganisms (bacteria) and published a number of popular papers on the subject. His greatest achievement was in the discovery that microorganisms are largely responsible for diseases in plants. This he demonstrated by thrusting a sterile knife into the diseased tissue of a pear tree afflicted with blight, and then into the tissue of a healthy pear tree. In due time the disease became apparent in the healthy tree. Thus, as early as 1877 he showed that disease can be communicated from the diseased to the healthy plant, and proved by microscopic examination that the infection was due to the same organisms. This is the first instance of a bacterial plant disease being produced experimentally.

As a teacher, Professor Burrill was the first to introduce the student use of microscopes in his classes. The laboratories of Asa Gray at Harvard and those of instructors in other institutions used the microscope only for *demonstrating* to the students the subjects under discussion, but Professor Burrill in the laboratories at the University of Illinois was the first to furnish microscopes for *individual study* in the laboratory.

These two contributions, along with many others that could be cited if time would permit, give some insight into the pioneering vision of T. J. Burrill of Illinois. I hope that the investigators who inhabit Burrill Hall now and in the future will try to emulate the scientific and educational contributions of this great man.

September 8, 1959

Chas. F. Hottes