

*Annual report of the Board of
Education of the State of ...*

Connecticut. State Board of Education

DEPARTMENT OF EDUCATION
LELAND STANFORD JUNIOR UNIVERSITY
26th
ANNUAL REPORT

OF THE

BOARD OF EDUCATION

OF THE

State of Connecticut,

SUBMITTED TO THE GOVERNOR,

FEBRUARY 18, 1891,

TOGETHER

WITH THE ANNUAL REPORT OF THE

SECRETARY OF THE BOARD.



HARTFORD, CONN.:
PRESS OF THE CASE, LOCKWOOD & BRAINARD COMPANY.
1891.

in-educat.

system, and will draw to the public schools a larger and more sympathetic constituency. Children will no longer be fattened on books and words, and we shall dispose of the tradition that children must be restrained instead of interested. The methods of the kindergarten must be developed for all grades before public schools do the most possible for children.

Text-book of Physiology.—Under Section 2100 of the General Statutes, books have been distributed as follows :

TOWNS.	Number of Books.	Sets of Diagrams.	TOWNS.	Number of Books.	Sets of Diagrams.
Bridgewater, . .	4	....	Darien,	120	7
Bristol,	25	....	Guilford, . . .	5	....
Chatham,	25	....	Stafford, . . .	100	16
				279	23

Arbor Day.—In April, 1890, the following proclamation was issued :

Pursuant to the provisions of the statutes of the State, I hereby designate Friday, the second day of May next, as Arbor Day, to be observed throughout the State, and especially by the teachers and children in our public schools, in the planting of useful and ornamental trees, vines, and shrubs, in the promotion of arboriculture and in ceremonies and instruction befitting the character and purposes of the day.

MORGAN G. BULKELEY.

NORMAL SCHOOLS.

In Reports to the Board for the years 1884 to 1890, complete statements of the special work of the Normal School at New Britain have been made. The long and honorable career of this school, beginning in 1850, its recent prosperity and enlargement, its new buildings, and the establishment of the school at Willimantic, are conspicuous facts in the history of public schools in the State.

NEW BRITAIN.

Attendance.—In the year 1882-3 the number entering was 58, the number of graduates was 39, and the whole

number enrolled was 162. In the fall of 1884 the number entering was 107. In 1890 the number entering was 150. The enrollment is the largest in the record of the school.

The number of graduates has kept pace with the increased attendance, increasing from 30 in 1884 to 80 in 1890. It will be noted in the table below that the ratio of graduates to enterers increases. Besides the graduates, many have enjoyed the advantages of the school for a longer or shorter period. A list of the graduates will be found in the Appendix.

The school at New Britain is the largest Normal School in New England, and one of the largest in the United States.

The following table shows the number connected with the school in most of the years since its organization :

Year.	Whole number enrolled during the year.	Senior.	Junior.	Middle.	Ent.	Inst.	NUMBER OF GRADUATES.		
							Jan.	June.	Total.
1850-1	154	....	....	....	....	....	....	....	5
1851-2	182	....	....	....	....	....	....	....	2
1852-3	183	....	....	....	....	....	....	....	15
1853-4	238	35	102	101	....	....	....	....	19
1854-5	298	49	158	87	....	....	....	....	29
1855-6	359	56	179	124	....	....	....	....	24
1856-7	287	47	151	89	....	....	....	....	17
1857-8	269	37	143	89	....	....	....	....	10
1858-9	266	32	167	67	....	....	....	....	17
1859-60	228	41	132	55	....	....	....	....	19
1860-1	164	37	74	53	....	....	....	....	12
1861-2	175	27	92	56	....	....	....	....	11
1862-3	168	31	90	47	....	....	....	....	19
1863-4	190	39	102	49	....	....	....	....	15
1864-5	138	31	56	52	....	....	....	....	12
1865-6	....	....	....	....	....	....	....	....	19
1866-7	....	....	....	....	....	....	....	....	14
1867-8	....	....	....	....	....	....	....	....	....
1868-9	....	....	....	....	....	....	....	....	....
1869-70	132	....	55	31	....	37	....	....	9
1870-1	148	....	72	18	....	18	....	....	24
1871-2	149	26	34	12	61	16	....	....	26
1872-3	144	35	26	21	62	....	11	24	35
1873-4	180	43	45	25	67	....	16	27	43
1874-5	....	....	....	....	....	....	22	28	50
1875-6	140	....	16	39	44	....	15	26	41
1876-7	127	....	15	31	37	....	11	25	36
1877-8	140	....	21	41	49	....	9	16	25
1878-9	132	....	17	28	44	....	12	25	37
1879-80	150	....	29	38	55	....	13	15	28
1880-1	150	....	19	43	40	....	20	35	45
1881-2	135	....	23	33	40	....	16	23	39
1882-3	162	16	20	13	58	....	16	23	39
1883-4	216	14	27	38	107	....	14	16	30
1884-5	260	26	45	32	116	....	11	25	36
1885-6	266	29	51	45	112	....	19	24	43
1886-7	285	19	46	41	113	....	17	43	60
1887-8	319	37	75	49	145	....	11	47	58
1888-9	349	24	96	59	128	....	18	62	80
1889-90	372	40	78	33	150	....	16	61	77

Number of students in attendance, first term, 1889-90,	212
Number of students in attendance, second term, 1889-90,	214
Whole number in attendance for year 1889-90,	372
Number of students admitted, September, 1890,	150
Average age of students admitted, September, 1889,	18 yrs. 11 mo.
Average age of students admitted, January, 1890,	19 yrs. 10 mo.
Average age of graduates, January, 1890,	19 yrs. 8 mo.
Average age of graduates, June, 1890,	20 yrs. 1 mo.
Number of diplomas granted, January, 1890,	16
Number of diplomas granted, June, 1890,	61

In 1889-1890, ninety-one towns were represented, as follows :

Ansonia,	4	Hartford,	39	Salisbury,	3
Avon,	2	Harwinton,	1	Saybrook,	2
Barkhamsted,	3	Huntington,	2	Seymour,	1
Berlin,	4	Killingworth,	2	Sharon,	1
Bethel,	1	Lebanon,	1	Simsbury,	2
Bloomfield,	6	Ledyard,	1	Southington,	4
Branford,	3	Litchfield,	2	South Windsor,	5
Bristol,	6	Manchester,	9	Sprague,	2
Canterbury,	1	Meriden,	14	Stamford,	6
Canton,	1	Middlefield,	2	Stratford,	1
Chatham,	3	Middletown,	9	Stafford,	1
Cheshire,	6	Milford,	2	Stonington,	1
Clinton,	1	Montville,	1	Suffield,	7
Coventry,	1	New Britain,	37	Thompson,	1
Darien,	3	New Canaan,	2	Torrington,	1
Derby,	2	New Hartford,	2	Trumbull,	2
Durham,	4	New Haven,	7	Vernon,	2
Eastford,	1	Newington,	3	Washington,	3
East Granby,	1	Newtown,	2	Waterford,	1
East Haddam,	1	North Canaan,	2	Wallingford,	5
East Hartford,	6	North Haven,	2	Watertown,	1
East Windsor,	3	Norwalk,	8	Waterbury,	19
Ellington,	1	Norwich,	1	Westbrook,	1
Enfield,	8	Orange,	2	West Hartford,	6
Essex,	3	Plainville,	1	Westport,	1
Fairfield,	2	Plymouth,	5	Wethersfield,	6
Farmington,	8	Portland,	5	Winchester,	3
Glastonbury,	2	Putnam,	2	Windham,	1
Greenwich,	1	Redding,	1	Windsor,	2
Guilford,	2	Ridgefield,	1	Windsor Locks,	12
Haddam,	1				

Other States.

Vermont,	1	New York,	2	Massachusetts,	6
Nebraska,	1				

SUMMARY BY COUNTIES.

	Students.	Towns.
Hartford,	180	24
New Haven,	69	13
New London,	8	7
Fairfield,	30	14
Windham,	9	5
Litchfield,	27	12
Middlesex,	34	12
Tolland,	5	4
	<hr/> 362	<hr/> 91

The following table gives the towns from which students have actually entered the Normal School from 1883 to 1890, inclusive, with the number that entered from each town in each year:—

	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
HARTFORD COUNTY.								
Hartford,.....	7	17	12	15	11	12	17	21
Avon,.....	..	..	..	..	..	1	1	..
Berlin,.....	2	..	..	..	..	4	2	..
Bloomfield,.....	1	2	2	..	2	1	2	3
Bristol,.....	2	..	..	1	5	7	1	..
Canton,.....	..	..	..	..	..	..	1	1
East Granby,.....	..	..	..	..	..	..	..	1
East Hartford,.....	..	..	1	3	..	2	5	3
East Windsor,.....	3	3	1	2	1	4	3	1
Enfield,.....	4	8	6	2	..	1	1	7
Farmington,.....	2	..	2	2	..	..	2	6
Glastonbury,.....	..	1	..	2	1	..	..	1
Granby,.....	..	2	2	..	..	..	1	..
Hartland,.....	..	..	..	..	1	..	..	..
Manchester,.....	1	..	4	3	4	3	3	5
New Britain,.....	6	8	9	14	16	10	12	20
Newington,.....	..	5	..	2	1	1	2	2
Plainville,.....	..	..	..	1	2	..	..	2
Rocky Hill,.....	..	2	1	1	..	..	..	..
Simsbury,.....	..	..	..	..	1	..	..	2
Southington,.....	..	1	..	1	..	1	3	1
South Windsor,.....	..	1	..	..	3	..	1	3
Suffield,.....	..	..	..	..	4	1	3	3
West Hartford,.....	..	..	1	1	..	1	5	3
Wethersfield,.....	..	3	4	2	1	6	2	2
Windsor,.....	..	1	1	1	..	..	1	1
Windsor Locks,.....	..	2	..	6	3	4	3	3
NEW HAVEN COUNTY.								
New Haven,.....	2	1	3	1	4	3	2	2
Ansonia,.....	..	..	..	..	..	..	1	1
Branford,.....	..	..	..	..	..	..	..	3
Cheshire,.....	1	2	..	..	..	1	1	4
Derby,.....	..	..	3	3	2	2	1	3
Guilford,.....	..	1	..	1	..	..	..	..
Hamden,.....	..	..	..	..	1	..	..	..
Madison,.....	..	..	1	2	..	..	..	..
Meriden,.....	3	3	4	6	11	7	10	7
Milford,.....	..	..	1	..	..	1	4	..
North Branford,.....	..	..	1	..	2	..	..	..
North Haven,.....	..	1	..	1	1	..	2	..
Orange,.....	1	..	..	..	..	1	..	1
Seymour,.....	..	..	..	..	1	2	1	1
Southbury,.....	1	1	..	..	..	..	..	..
Wallingford,.....	2	4	4	3	5	..	2	3
Waterbury,.....	..	2	4	1	3	6	2	15
Woodbridge,.....	..	1	..	..	..	..	..	..
NEW LONDON COUNTY.								
New London,.....	2	2	2	1	..	..	..	1
Norwich,.....	2	5	1	2	1	2	1	..
Colchester,.....	1	2	..	1	1	..	..	..
Franklin,.....	..	..	1	1	..	..	..	..
Griswold,.....	..	..	..	1	..	..	..	..
Groton,.....	3	1	2	..	..	..	..	..
Lebanon,.....	..	1	..	1	..	1	..	..
Ledyard,.....	..	..	..	..	1	..	..	..
Lyme,.....	..	..	4	1	1	..	..	..
Montville,.....	..	..	2	..	..	..	1	..
North Stonington,.....	2	1
Old Lyme,.....	1	2
Sprague,.....	1	2	2	..
Stonington,.....	1	2	2	..	1

NORMAL SCHOOLS.

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	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
FAIRFIELD COUNTY.								
Bridgeport,.....	1	3
Danbury,.....	1	1	1	..
Bethel,.....	2	..	..	..	..	1
Brookfield,.....	1	..	..	..	..	..
Darien,.....	1	..	..	2	..
Fairfield,.....	1	..	..	..	..	1
Greenwich,.....	..	1	1	..	..	..	3	..
Huntington,.....	1	..	..	1	..	..
New Canaan,.....	1	..	..	..	1	..	1	..
New Fairfield,.....	1	..	..	..	..	..	..	..
Newtown,.....	..	1	2	1	..	1	..	1
Norwalk,.....	1	1	1	4	4	2	3	3
Redding,.....	3	1	..	1	..
Ridgefield,.....	..	1	..	1	1	..	1	..
Stamford,.....	1	2	1	1	1	1	5	2
Stratford,.....	..	1	1	2	2	1	..	1
Trumbull,.....	3
Westport,.....	2	1	..	1	1	..
WINDHAM COUNTY.								
Canterbury,.....	1	..	1	1	..
Chaplin,.....	1	..	..	2	..	..
Eastford,.....	1	..
Hampton,.....	1	..	..	..	..	..
Killingly,.....	..	1	1	..	2	..	..	..
Plainfield,.....	1	..	..
Putnam,.....	2	..	..
Thompson,.....	1	..	..
Windham,.....	1	..	..
Woodstock,.....	..	2	2	..	..	..	..	..
LITCHFIELD COUNTY.								
Litchfield,.....	1	1	1	..	1	1	2	..
Barkhamsted,.....	2	..	..	..	..	..
Bridgewater,.....	..	1	..	..	..	..	..	..
Canaan,.....	1	1	..	..
Colebrook,.....	1	..	..	..	..	..
Cornwall,.....	..	1	..	..	..	..	..	..
Goshen,.....	1	..	..	..	..	..
Harwinton,.....	1	..	1	..
Kent,.....	1	1	1	..	..	..
Morris,.....	1	1	..	1	..	..
New Hartford,.....	1	2	1	..	2	..
North Canaan,.....	1	..	..	1
Plymouth,.....	3	..	1	1	..	2	6	..
Roxbury,.....	..	1	..	..	..	..	..	..
Salisbury,.....	1	1	..	3	1
Sharon,.....	..	2	..	..	1	1	..	..
Torrington,.....	1	3	1	..	2	1	3	..
Warren,.....	1	..
Washington,.....	1	..	1	..	..	1	1	1
Watertown,.....	..	3	..	..	1	2	1	..
Winchester,.....	..	1	..	1	1	3	2	..
Woodbury,.....	1	..
MIDDLESEX COUNTY.								
Middletown,.....	1	6	2	..	..	4	8	2
Haddam,.....	..	2	..	..	..	2	..	..
Chatham,.....	1	..	..	3	1	1
Chester,.....	1	1	..	..
Clinton,.....	1
Cromwell,.....	..	1	..	..	..	..	1	..
Durham,.....	1	2	2	1	..
East Haddam,.....	1	1	..	1	..	..
Essex,.....	3	1	..	1	1
Killingworth,.....	..	1	1	..	..	2	..	1
Middlefield,.....	1	1	2	..	..
Old Saybrook,.....	1	..	..
Portland,.....	..	1	2	1	3	3	..	4
Saybrook,.....	1	2	..	..
Westbrook,.....	1	1	..	..

	1883.	1884.	1885.	1886.	1887.	1888.	1889.	1890.
TOLLAND COUNTY.								
Andover,.....	1	..	..	..	..	..
Bolton,.....	..	1	1	1	..	..	..	..
Columbia,.....	..	1	1	1	..	1	..	..
Coventry,.....	1	..	..
Ellington,.....	1	1	1	1	1	..
Hebron,.....	2	..	..	..
Mansfield,.....	..	1	1	..	1	1	..	..
Stafford,.....	..	1	..	..	..	..	..	1
Vernon,.....	..	1	3	1	..	1	1	2
Other States,.....	..	1	2	8	6	8	2	7

Model Schools. — In the law passed in 1849, establishing a Normal School, provision was made for Model and Practice Schools. These schools were organized and carried on in connection with the schools of New Britain for several years; but in 1867 the connection was severed, and all training by observation and practice ceased. The law, however, remained as originally passed; and in the fall of 1883 a single model primary school was opened in a room in the Normal School building, with Miss H. A. Luddington as teacher. In April, 1884, another school was opened in charge of Miss H. F. Page. In 1885 a new building was rented, and two schools organized,—the more advanced in charge of Miss C. A. Lyle, and the other in charge of Miss Mary M. McCann. In the same year the town of New Britain voted to pay four teachers the minimum salary paid to teachers of the town. Four schools thus became a part, and still continue a part, of the public school system of New Britain. In 1887 another school was opened in the rented building in charge of Miss Emma L. Cartwright.

In April, 1889, the class which had formerly been a part of the Kindergarten, and which continues its connection with the Kindergarten, was fully organized into a primary school, and now has forty scholars doing the primary work of the first and second years.

In April 1890, a secondary class was organized. This and succeeding classes will become a model secondary school.

In September, 1890, it was found necessary to organize another primary school. The Kindergarten, the primary schools organized in 1889 and 1890, the grammar grade, and

the secondary school have no connection with the town system.

The schools above mentioned have never supplied and do not now supply adequate facilities for training the large classes which graduate. As early as 1885 the need of additional schools had become so pressing that attempts at relief were made. In 1885 a school in Farmington was used for a single term. In the years 1885 to 1887 the schools in the north district of Newington were generously opened, and were in successful operation as Model Schools. In 1886 two schools in Wethersfield admitted Normal School students as assistants. In the same year the third district in Bristol offered the use of its schools under such advantageous conditions as had nowhere else been proposed. These were gladly accepted, and the schools have continued to be a part of the model school system, with mutual advantage. For the four years last past the extension of the model school system has not kept pace with the necessities for training large classes of graduates. It is not possible with a few schools partially supervised to test candidates in respect of teaching and management.

In 1890 an arrangement was entered into with the ninth school district of Manchester upon terms favorable alike to the district and the Normal School. Seven schools are now in operation.

Thus in every direction endeavors have been made to secure what is manifestly necessary—training and practice for those who enter upon the work of teaching. The aim has been to prevent untrained youth from entering public schools to get training or so-called experience at the expense of children. Without doubt a further enlargement of the system is necessary, and, as has been reiterated in these reports, the schools most convenient are in New Britain.

The number in schools managed by the Board, including Kindergartens, is as follows :

Model Schools, New Britain,	.	.	.	.	329
" " South Manchester,	.	.	.	.	275
Total,	.	.	.	.	— 604

Kindergartens.—In April, 1884, a Kindergarten was

opened in the Normal School building, in charge of Miss C. W. Mingins. This Kindergarten has remained an indispensable part of the Model School system, and a department for the training of Kindergartners. From it have been drawn the classes of children which have proceeded through the various grades of the model schools. This was the only Kindergarten connected with the Normal School until 1890, when a Kindergarten was opened in Bristol, and another in South Manchester.

Buildings.—The building erected in 1883 was planned for 150 students. The following changes have been made:

I. The attic, originally unfinished and without partitions, has been divided into the following rooms: [Plate IV.]

1. Gymnasium, 63 × 33.
2. Office.
3. Recitation-room.
4. Drawing and modeling-room, 78 × 18.

The gymnasium will be used for lecture-room when the annex is occupied.

II. Stairs have been constructed at south end of building, leading from second floor to south attic room and for drawing and modeling. [Plate III.]

III. In basement: [Plate I.]

1. The kindergarten-room was enlarged by taking in the cloak-room and hall and closing east basement entrance. A new floor was laid in the added part.

2. The plumbing of closets was completely overhauled.

3. A new room for office and class-room was secured by these changes.

4. An unfinished room was converted into hat and cloak-room.

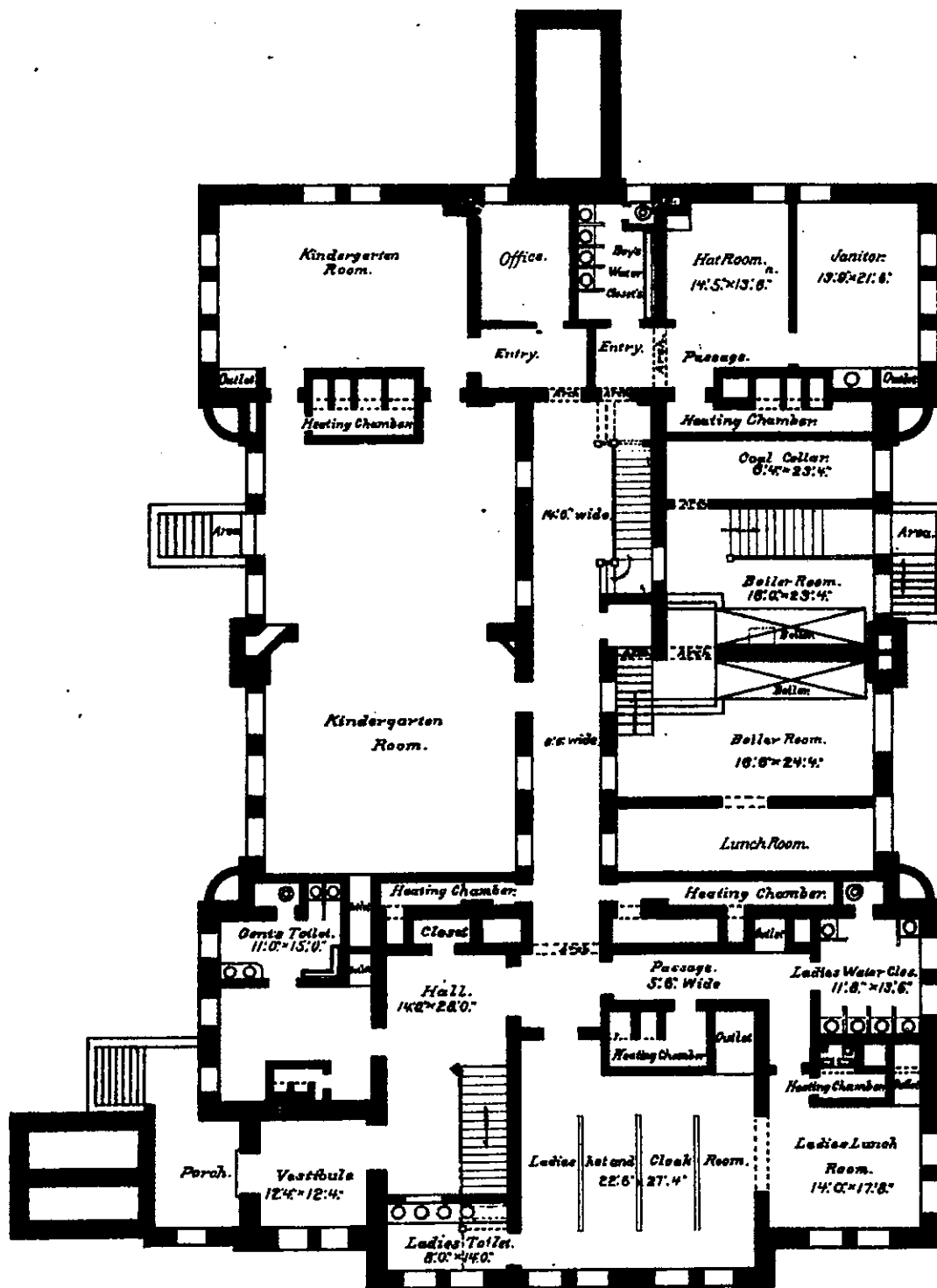
5. A doorway leading from basement to annex was opened.

6. A room over coal bin was fitted for lunch-room.

Needed changes are:

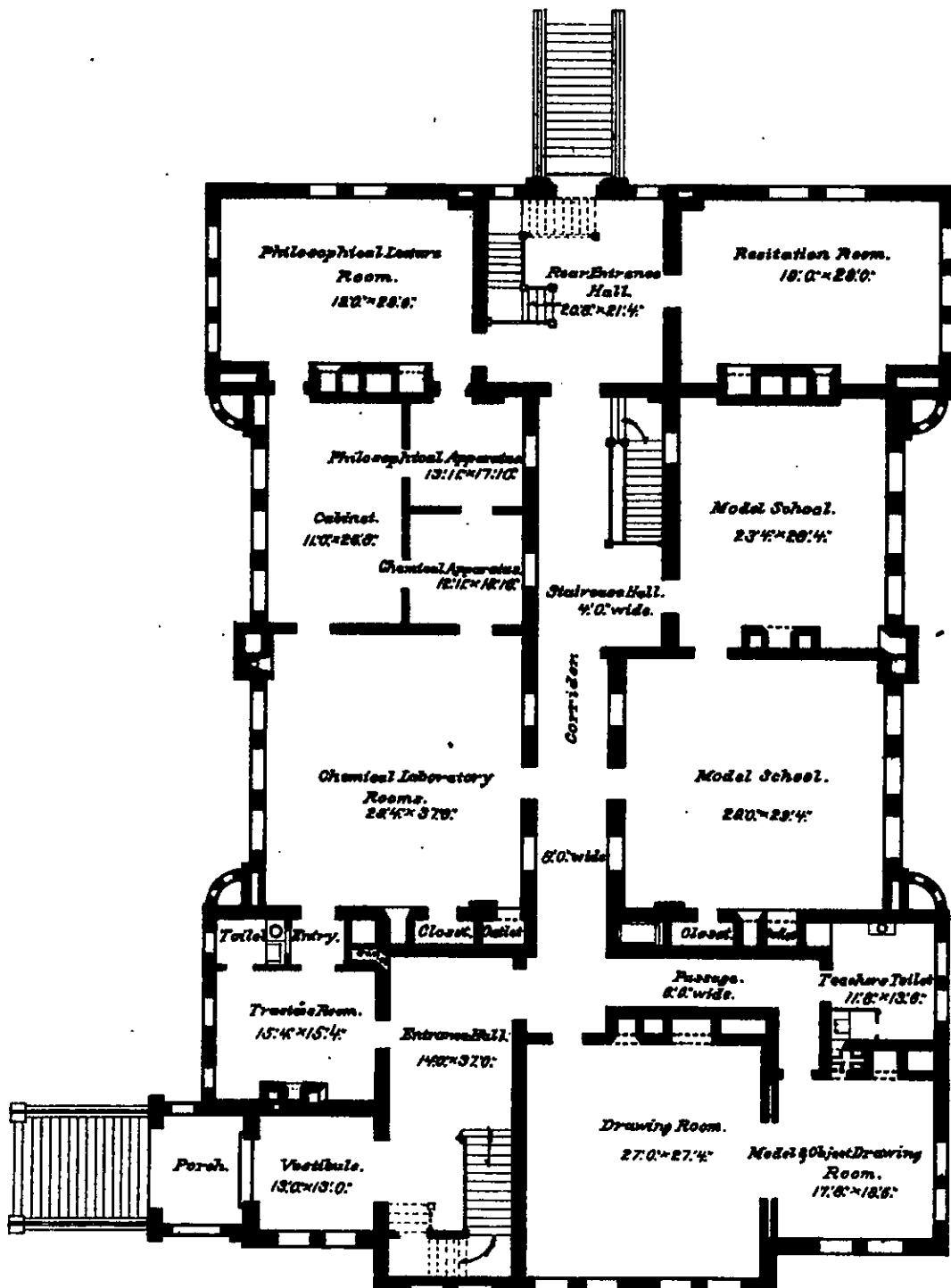
1. Windows in lecture-room in attic.
2. Windows in modeling and drawing-room.

PLATE 1.



Ground Story.

PLATE II.



First Story.

PLATE III.

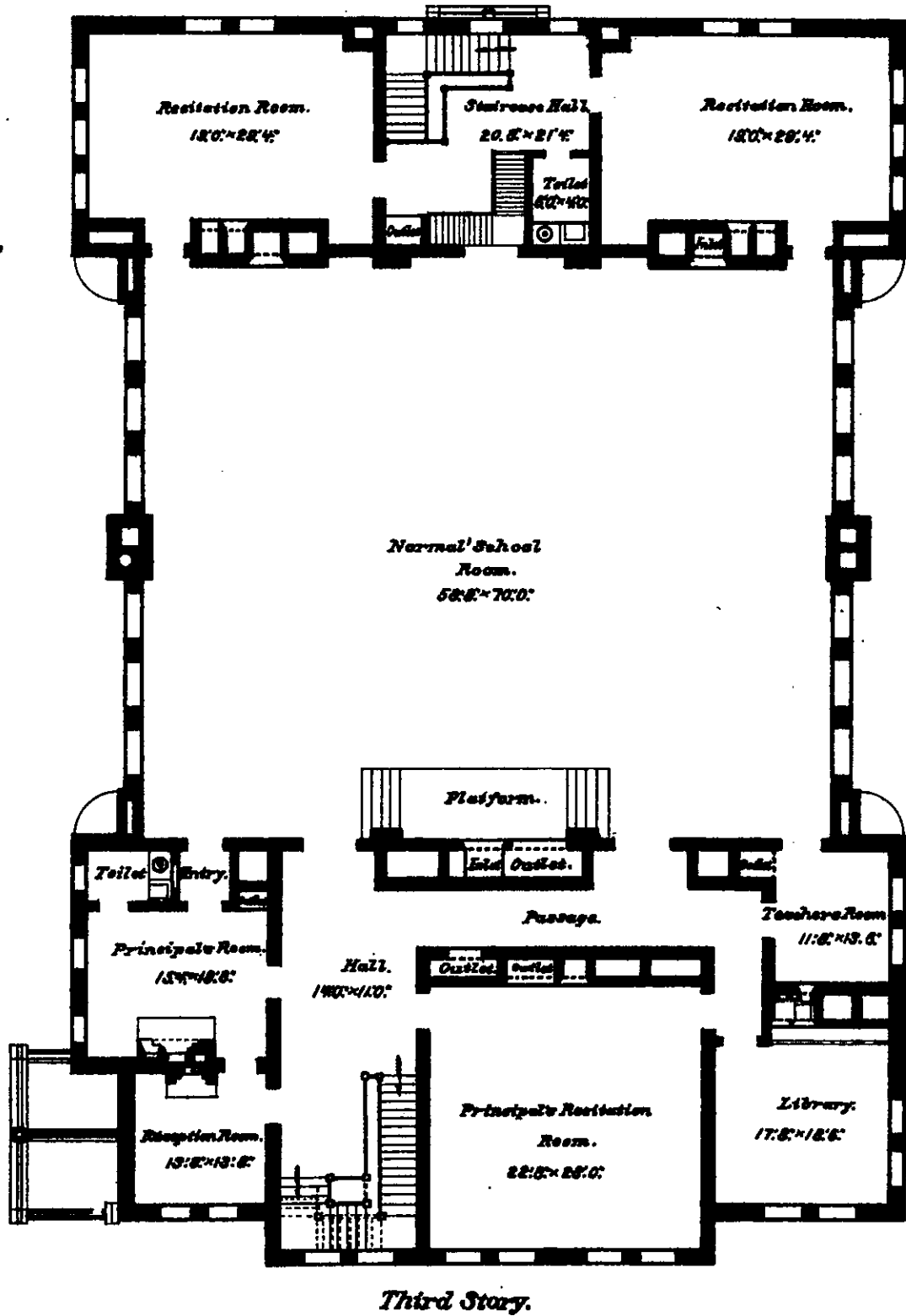


PLATE IV.

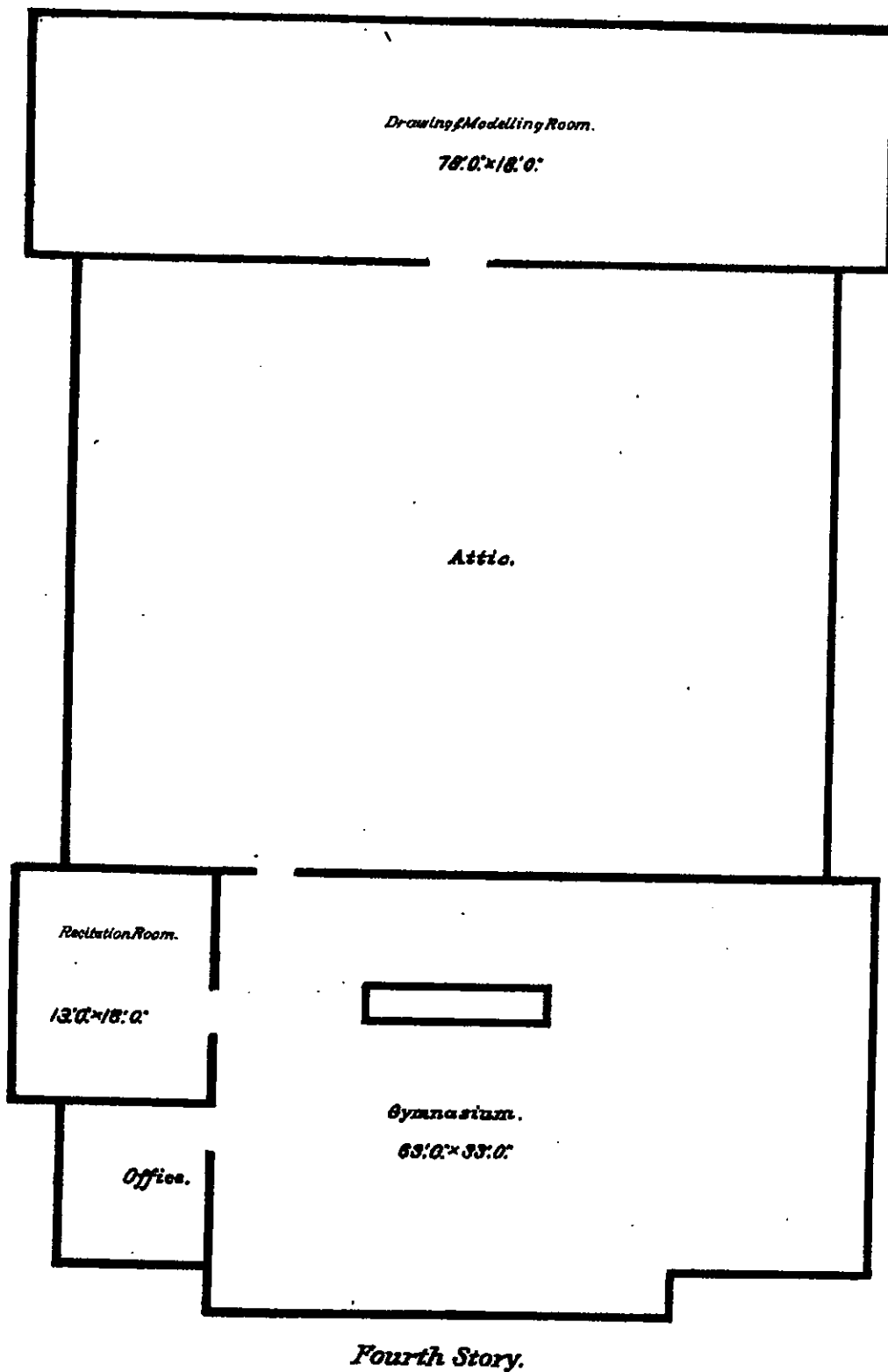
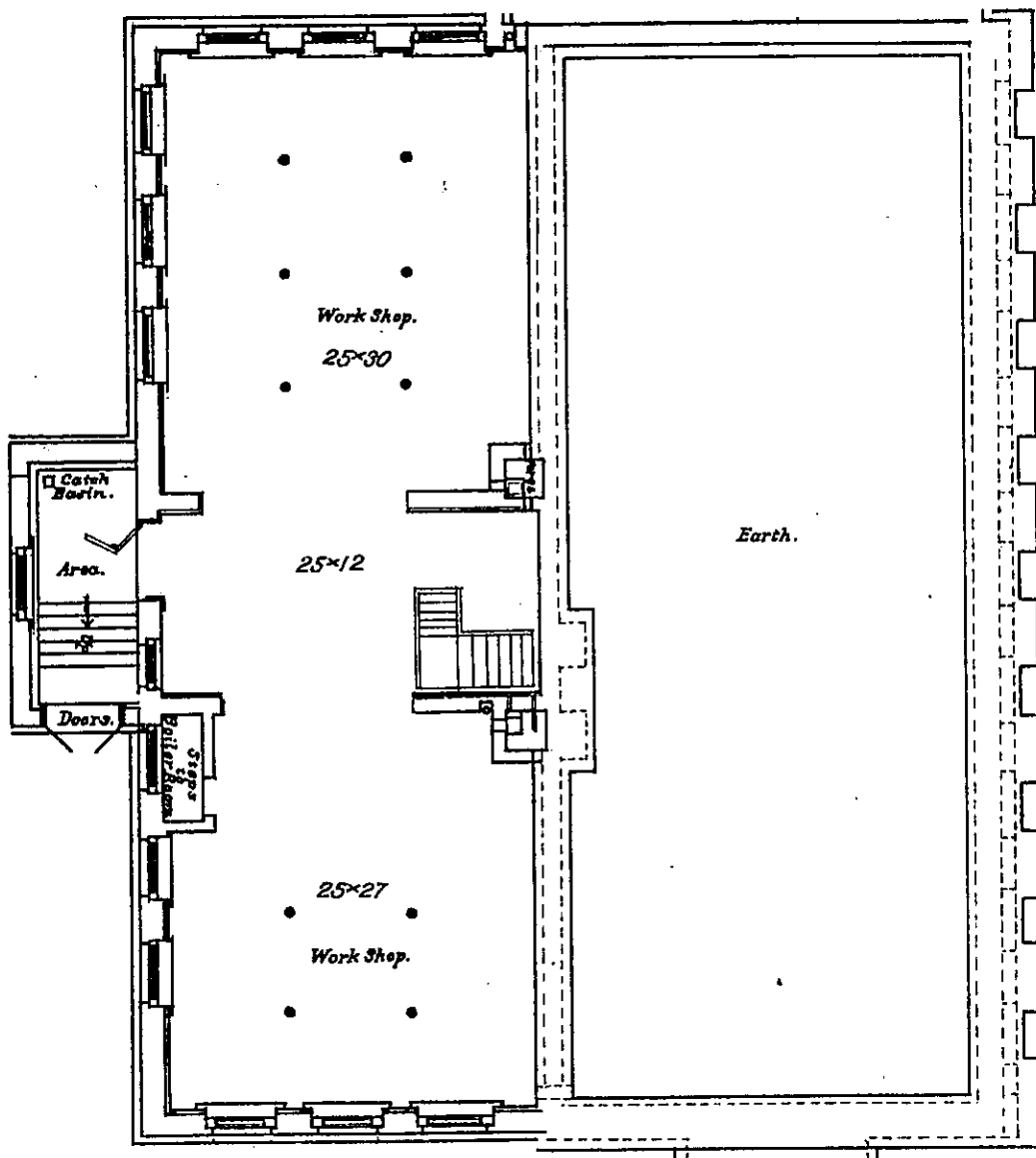


PLATE I.



Ground Story.

PLATE II.

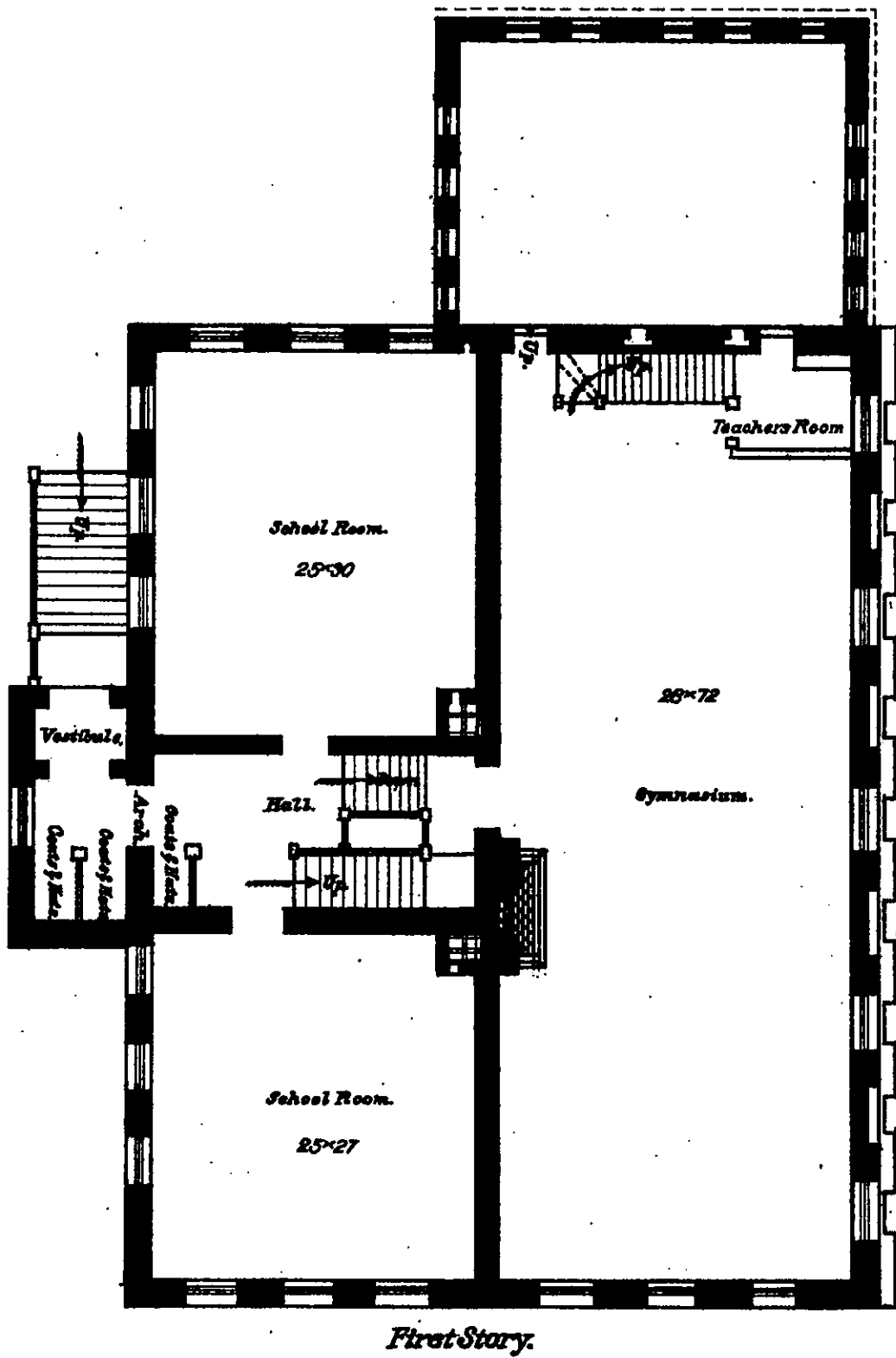
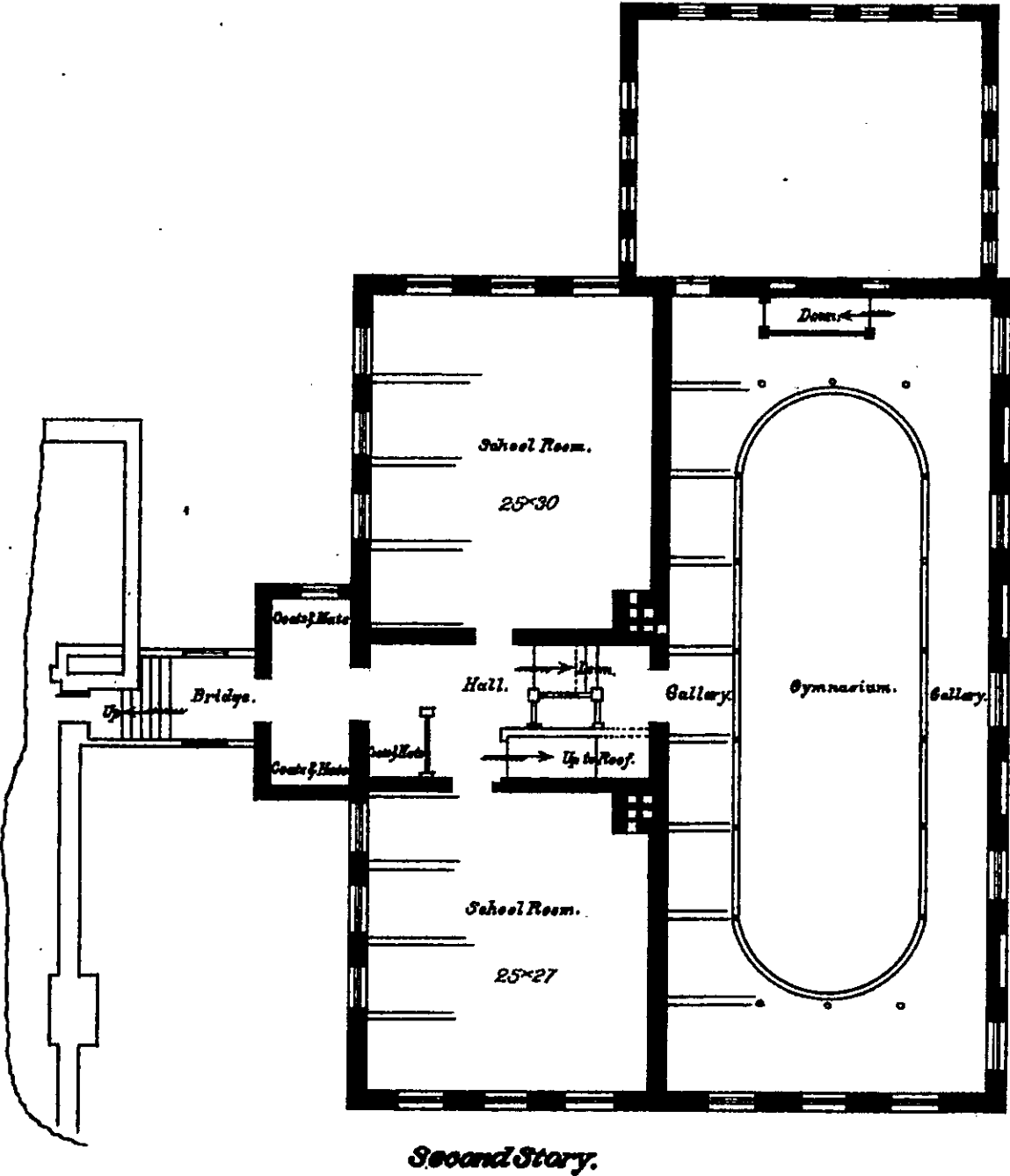


PLATE III.



3. The furnishing of another room in attic.

4. Enlargement of library.

The annex authorized by the Legislature of 1889 will be completed and ready for occupancy in April, 1891.

The new building with floor plans is also given.

Report of Principal.—Below will be found report of principal :

CHARLES D. HINE,

Secretary of State Board of Education :

SIR,—I submit my eighth annual report, as principal of the Normal and Training School at New Britain.

I. *The Faculty.* The list of teachers is given below :

Clarence F. Carroll,	Helen J. Bunce,
Ralph G. Hibbard,	Jennie Hickok,
Clara W. Mingins,	Gertrude L. Rhoades,
Carrie A. Lyle,	Mary G. Peabody,
M. Gertrude Fenn,	Ida E. Viets,
Jennie Darlington,	Gertrude Conant,
George P. Phenix,	Esther D. Gill,
Alice E. Reynolds,	Mary E. Harper,
Elizabeth L. Allyn,	Anna McMichael,
Charles A. Kunou,	May E. Greene,
Emily J. Parker,	May B. Upson,
Jennie M. Banks,	Emma E. Snow.

The following began their work at New Britain, September 2d :

Helen J. Bunce,	Gertrude Conant,
Jennie Hickok,	Esther D. Gill,
Gertrude L. Rhoades,	Mary E. Harper,
Mary G. Peabody,	Anna McMichael.
Ida E. Viets,	

May B. Upson, Emma E. Snow, May E. Greene, Elizabeth L. Allyn, Charles A. Kunou, Emily J. Parker, and Jennie M. Banks were employed after the beginning of the term.

This makes the number of teachers twenty-four, as against twenty-two of last year.

More than one-third of our teachers have been in the service of the State less than four months, and more than one-half less than one year. Some of them accepted positions paying larger salaries than we have usually offered, three were married, and a few left for other reasons. When it is considered that all the instruction given should be correct and skillful, it is plain that the school has passed a critical period.