

YEAR BOOK

DEPARTMENT of ARCHITECTURE

UNIVERSITY of TEXAS

1927-28



- BUCHANAN

University of Texas Bulletin

No. 2725: July 1, 1927

YEARBOOK OF THE DEPARTMENT OF ARCHITECTURE OF THE UNIVERSITY OF TEXAS 1927-1928



**PUBLISHED BY THE UNIVERSITY FOUR TIMES A MONTH, AND ENTERED AS
SECOND-CLASS MATTER AT THE POSTOFFICE AT AUSTIN, TEXAS,
UNDER THE ACT OF AUGUST 24, 1912**

The benefits of education and of useful knowledge, generally diffused through a community, are essential to the preservation of a free government.

Sam Houston

Cultivated mind is the guardian genius of democracy. . . . It is the only dictator that freemen acknowledge and the only security that freemen desire.

Mirabeau B. Lamar

DEPARTMENT OF ARCHITECTURE

COLLEGE OF ENGINEERING

The Faculty

HARRY YANDELL BENEDICT, PH.D., LL.D., *President.*

EDWARD JACKSON MATHEWS, M.A., *Registrar.*

Engineering

THOMAS ULVAN TAYLOR, M.C.E., *Dean.*

EDWARD HENRY CHRISTIAN BANTEL, C.E., *Assistant Dean.*

Architecture

*FREDERICK ERNEST GIESECKE, PH.D., *Professor of Architectural Engineering.*

SAMUEL EDWARD GIDEON, *Associate Professor of Architectural Design and Architectural History.*

RAYMOND EVERETT, B.S. IN ARCH., *Associate Professor of Freehand Drawing and Painting.*

ROBERT LEON WHITE, B.S. IN ARCH., *Associate Professor of Architecture.*

SAMUEL CHARLES PHELPS VOSPER, *Lecturer in Architecture.*

CHARLES PETER REMING, B.S. IN ARCH., *Instructor in Architectural Engineering.*

MRS. RUTH HASTING JUNKIN, *Librarian.*

Allied Subjects

WILLIAM JAMES BATTLE, PH.D., *Chairman of Classical Languages.*

ALBERT EVERETT COOPER, PH.D., *Chairman of Applied Mathematics.*

HARRI LOUIS LOCHTE, PH.D., *Chairman of Chemistry.*

EDWARD HENRY CHRISTIAN BANTEL, C.E., *Chairman of Civil Engineering.*

CHARLES ELMER ROWE, E.M., *Chairman of Drawing.*

JOHN MYRON BRYANT, M.S., *Chairman of Electrical Engineering.*

REGINALD HARVEY GRIFFITH, PH.D., *Chairman of English.*

HAL C WEAVER, M.E., *Chairman of Mechanical Engineering.*

EDMUND THORNTON MILLER, PH.D., *Chairman of Economics.*

S. LEROY BROWN, PH.D., *Chairman of Physics.*

*On leave of absence during 1927-28.

LOCATION

Austin, the home of the main University, is easily the most beautifully situated city in the State. It lies at the point where the Colorado River issues from the canyon at the base of the Edwards plateau. To the east stretch gently rolling plains. Its clear, pure air, its hilly surface and consequent excellent drainage, its almost constant breezes, its fine water, serve to keep the place remarkably free from diseases of all kinds.

Its central location in the State makes it a particularly interesting place for the student of architecture as its close proximity to San Antonio and Houston make inspection trips to those cities of great building enterprise a pleasant educational feature of the work at the University.

GENERAL STATEMENT

The Department of Architecture is a professional school offering four courses of study leading to the degree of B.S. in Architecture and designed as basic training preparatory to the practice of:

Architectural Design.

Architectural Engineering.

Architectural Construction.

Interior Decoration.

The Architectural Design course is intended for those students who are primarily interested in the designing of buildings and in the general practice of architecture.

The Architectural Engineering course is intended for those students who are primarily interested in structural work on buildings, bridges and the like, and in the mechanical equipment of buildings.

The Architectural Construction course is intended for those students who are intending to become contractors, building superintendents, structural supervisors or to engage in the manufacture or sale of building materials.

The Interior Decoration course is intended for those students who are interested in interior decoration in its relation to architecture.

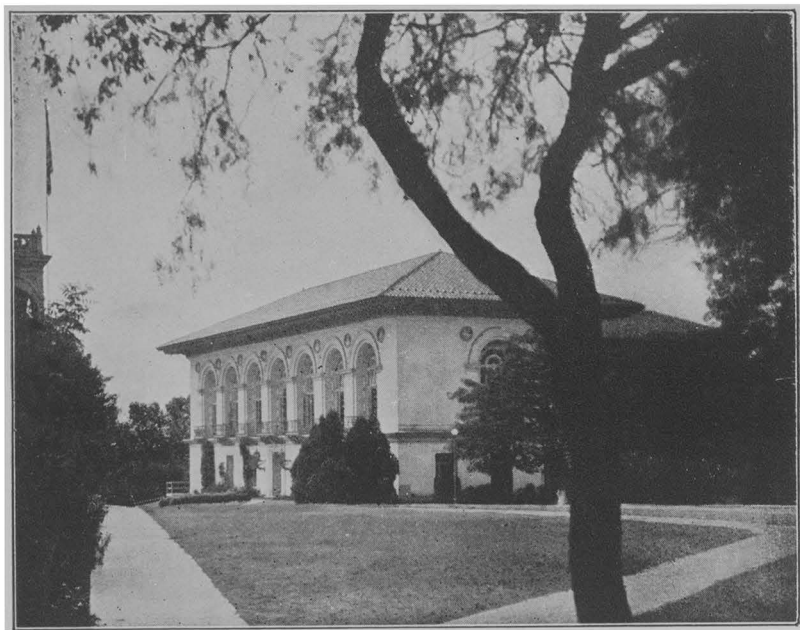
The several curricula are comprised largely of technical courses. In these the standard of scholarship is maintained upon a professional basis. Included, also, in each is such an amount of general academic work, courses taught in other departments of the University, as would seem to furnish the minimum essential cultural background. The department encourages students who wish to take more academic subjects to lay out their work in such a way as to get more of them and spend perhaps an additional year in residence at the University thereby.

The course leading to the degree under any of these four options normally requires four to four and one-half years of work.

The rate of a student's progress in the department is determined in a large part by the quality of his work and not alone by the

quantity of it. The amount of work that a student is allowed to carry each term is dependent upon the excellence of his scholastic record, hence the actual time required for the completion of the course will depend upon his ability as indicated by that record. The time element in the preparation for any creative profession is such, however, that crowding of the work is deemed unwise.

BUILDINGS AND EQUIPMENT



LIBRARY

The buildings of the main University are located on a beautiful tract of hilly land comprising, with recent additions, 130 acres.

The buildings of particular interest to the architectural student are the historic old Main Building, in which are the University Museum of Casts and freehand drawing rooms, some of the English lecture rooms, and the laboratories and lecture rooms of the Department of Physics.

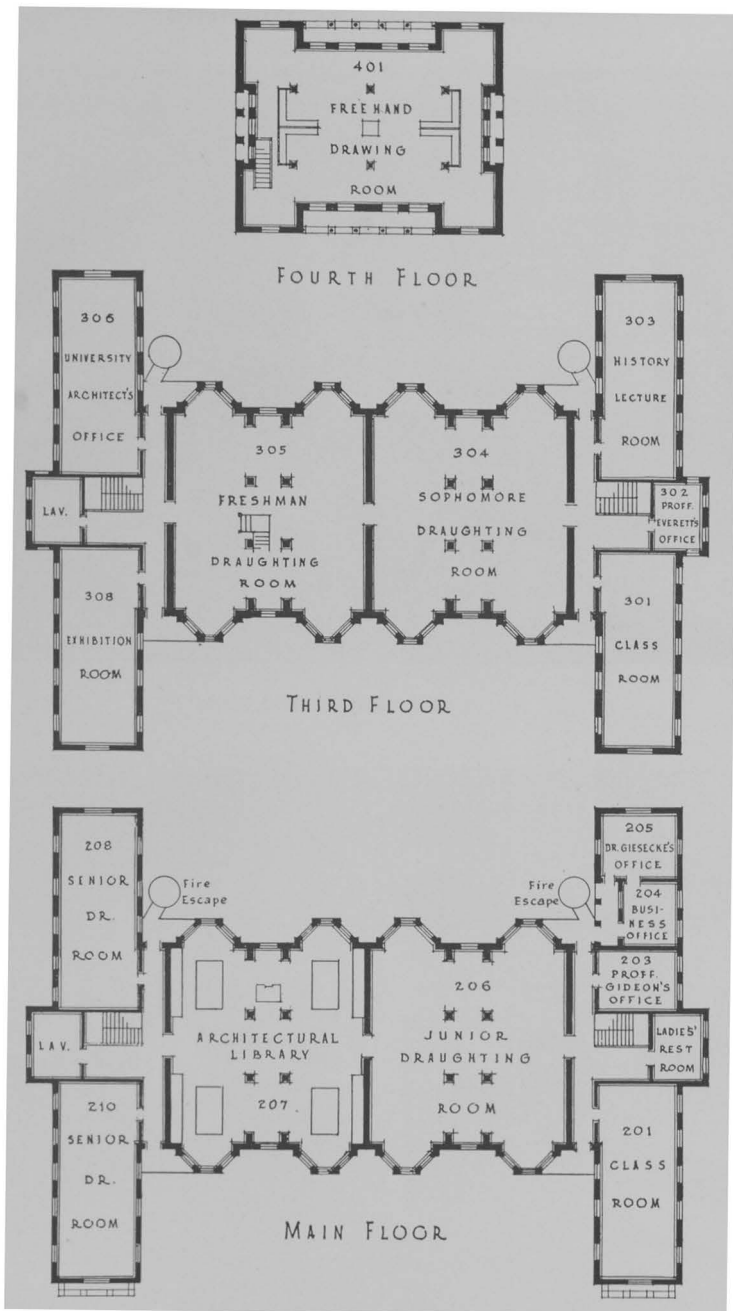
The general Library, containing a superb reading room and its two valuable collections, consisting of the Wrenn Library of rare books relating to early English literature and completely furnished in the early English manner, and the García Library, devoted mainly to the art and literature of Mexico.

The Engineering Building, devoted to engineering subjects and to applied mathematics.

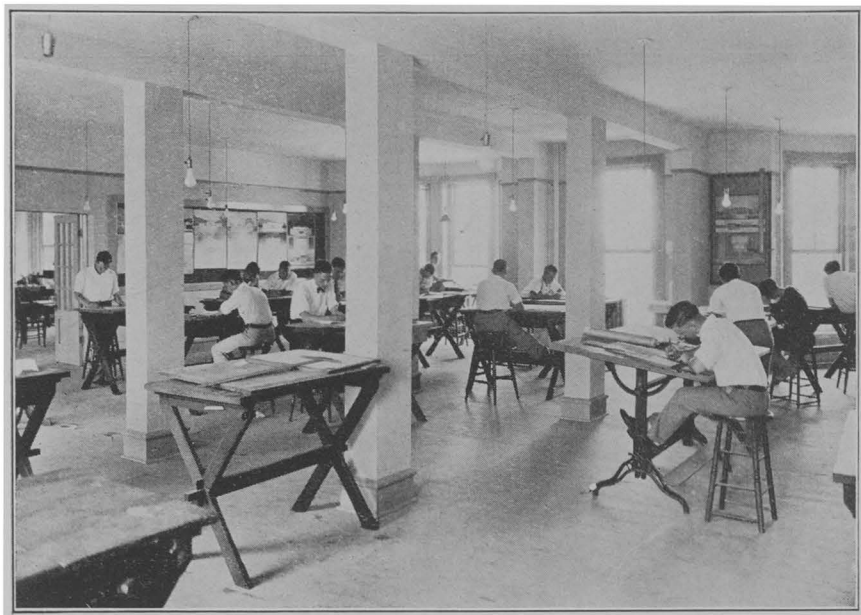


ARCHITECTURAL LIBRARY

And finally, Brackenridge Hall, an old building recently completely renovated, primarily to house the Department of Architecture. In this building are located the Architectural Library, Freshman, Sophomore, Junior, Senior and Graduate Drafting Rooms, Materials Museum and Exhibition Rooms, Life Class, Water-color and Pen and Ink Drawing Rooms, and lecture rooms and offices for the teaching staff of the department.



FLOOR PLANS OF THE DEPARTMENT OF ARCHITECTURE
BRACKENRIDGE HALL

**JUNIOR DRAUGHTING ROOM****SOPHOMORE DRAUGHTING ROOM**

REQUIREMENTS FOR ADMISSION TO THE DEPARTMENT OF ARCHITECTURE

The requirements for admission to the College of Engineering (Department of Architecture) are the same as those for admission to the College of Arts and Sciences (pp. 63 and 82 of the General Catalogue) with two exceptions: (1) A foreign language is not prescribed, and (2) as many as two units each may be presented in drawing and manual training. If a foreign language is not presented, the applicant must present two units either in laboratory sciences or in laboratory sciences and solid geometry and plane trigonometry. If solid geometry is not offered for admission, it must be completed by the beginning of the sophomore year. (It will not count as a degree credit.)

Regulations

The regulations governing the Department of Architecture are the same as those of the College of Arts and Sciences. If particularly interested, write E. J. Mathews, Registrar, for a general catalogue of the University.

Expenses

To give an accurate tabulation of the expenses of any student would, of course, be impossible, as they vary with the taste and pocketbook of the individual. In general, however, the tuition fees of \$30 per year are lower than in any other state institution in the country.

Board and room may be had in dormitories owned by the University for as low as \$25 a month, the average in private houses being about \$37.50.

The cost of instruments and textbooks averages about \$20 per year.

REQUIREMENTS FOR DEGREES

General Rules

Each student must, before May 15 of his senior year, show such ability to write clear and correct English as to satisfy the Committee on Students Use of English. To promote the habitual use of clear and correct English, the written work of every student in all courses (theses, reports, quizzes, examination papers, etc.) is subject to inspection by the committee.

Upon a candidate who successfully completes a four-year group of courses as outlined in the following pages, the degree of Bachelor of Science in Architecture is conferred.

ARRANGEMENT OF COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN ARCHITECTURE IN FOUR YEARS. ARCHITECTURAL DESIGN GROUP

(For students who enter after September 15, 1927)

a=First semester

b=Second semester

FRESHMAN YEAR			SOPHOMORE YEAR		
		Hrs. per week			Hrs. per week
		First S. Second S.			First S. Second S.
a. Algebra and Trig. (AM 1)	3		a. Calculus (AM —)	3	
b. Analytics (AM 1)		3	b. Mechanics (C.E.411)		4
ab. Charcoal Drawing (A.201)	1	1	ab. Architectural History (A.208)	1	1
ab. Greek Art (A.205)	1	1	ab. Charcoal Drawing (A.202)	1	1
ab. Architecture (A.407)	2	2	ab. Architectural Design (A.10)	3	3
a. Drawing (D.301)	3		a. Shades, Shadows (A.212)	2	
b. Descriptive Geom. (D.302)		3	b. Perspective (A.213)		2
ab. English 1	3	3	ab. Water Color (A.204)	1	1
ab. General Physics (P.1)	3	3	ab. Bldg. Construction (A.416)	2	2
ab. Physical Training	0	0	ab. English 12	3	3
	16	16		16	17
JUNIOR YEAR			SENIOR YEAR		
ab. Bldg. Construction (A.65)	3	3	ab. Arch. Des. (A.63f, A.64s)	6	6
ab. Architectural History (A.211)	1	1	ab. History of Sculpture (A.209)	1	1
a. Architectural Design (A.25f)	6		ab. History of Architecture (A.244)	1	1
b. Architectural Design (A.26s)		6	ab. Working Drawings (a.446)	2	2
ab. Architectural Rendering (A.206)	1	1	ab. Modeling (a.220)	1	1
ab. Life Drawing (A.203)	1	1	a. Surveying (C.E.316)	3	
ab. Working Drawings (A.415)	2	2	b. Business Practice (A.232)		2
ab. Water Colors (A.204)	1	1	ab. Economics (Eco.11)	3	3
ab. Bldg. Sanitation (a.422)	2	2		17	16
	17	17			

Grand total 132 semester hours=22 courses.

ARRANGEMENT OF COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN ARCHITECTURE IN FOUR YEARS. INTERIOR DECORATION GROUP

a=First semester
b=Second semester

FRESHMAN YEAR			SOPHOMORE YEAR		
	Hrs. per week			Hrs. per week	
	First S.	Second S.		First S.	Second S.
a. Algebra and Trig. (A.M.1).....	3		ab. English 12 or 13.....	3	3
b. Analytics (A.M.1).....		3	ab. Architectural History (A.208).....	1	1
ab. General Physics (P.1).....	3	3	ab. Architectural Design (A.10).....	3	3
ab. English 1.....	3	3	a. Art. Appr. (H.E.313).....	3	
ab. Greek Art (A.205).....	1	1	b. Household Design (H.E.303).....		3
ab. Sculpture and Painting (A.209).....	1	1	a. Textiles (H.E.215).....	2	
ab. Architectural Design (A.407).....	2	2	b. Furniture Design (A.219).....		2
a. Drawing (D.301).....	3		a. Shades and Shadows (A.212).....	2	
b. Design (D.302).....		3	b. Perspective (A.213).....		2
ab. Charcoal Drawing (A.201).....	1	1	ab. Charcoal Drawing (A.202).....	1	1
ab. Physical Training.....	0	0	ab. Water Color (A.204).....	1	1
	<hr/>	<hr/>	ab. Pure Design (A.218).....	1	1
	17	17	ab. Physical Training.....	0	0
				<hr/>	<hr/>
				17	17
JUNIOR YEAR			SENIOR YEAR		
ab. Interior Decoration (H.E.38).....	3	3	ab. Economics 11.....	3	3
a. Interior Arch. Des. (A.31f).....	6		a. Interior Arch. Des. (A.66f).....	6	
b. Interior Arch. Des. (A.32s).....		6	b. Interior Arch. Des. (A.67s).....		6
ab. Architectural History (A.211).....	1	1	ab. History Mod. Int. (A.234).....	1	1
ab. History of Ornament (A.217).....	1	1	ab. Architectural Rendering (A.206).....	1	1
ab. Materials (A.416).....	2	2	ab. Modeling (A.220).....	1	1
ab. Life Drawing (A.203).....	1	1	ab. Electives.....	2	2
ab. Water Color (A.214).....	1	1	b. Professional Practice (A.232s).....		2
ab. Working Drawings (A.415).....	2	2		<hr/>	<hr/>
ab. Physical Training.....	0	0		14	16
	<hr/>	<hr/>			
	17	17			

Grand total hours required for degree=132.

ARRANGEMENT OF COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN ARCHITECTURE IN FOUR YEARS. ARCHITECTURAL ENGINEERING GROUP

(For students who enter after September 15, 1927)

a=First semester
b=Second semester

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FRESHMAN YEAR			SOPHOMORE YEAR		
	Hrs. per week			Hrs. per week	
	First S.	Second S.		First S.	Second S.
a. Algebra and Trig. (A.M.1).....	3		ab. Calculus (A.M.13).....	3	3
b. Analytics (A.M.1).....		3	ab. Architectural History (A.211).....	1	1
ab. Chemistry 1.....	3	3	ab. Architectural History (A.208).....	1	1
a. Drawing (D.301).....	3		ab. Charcoal Drawing (A.202).....	1	1
b. Descriptive Geom. (D.302).....		3	a. Shades and Shadows (A.212f).....	2	
ab. English 1.....	3	3	b. Perspective (A.213s).....		2
ab. General Physics (P.1).....	3	3	ab. English 12.....	3	3
ab. Charcoal Drawing (A.201).....	1	1	ab. Elements of Arch. (A.407).....	2	2
ab. Physical Training.....	0	0	a. Electricity and Magnetism (P.12).....	3	
	16	16	b. Heat, Optics, Sound (P.12).....		3
			ab. Greek Art (A.205).....	1	1
				17	17
JUNIOR YEAR			SENIOR YEAR		
ab. Applied Mechanics (C.E.32).....	3	3	ab. Building Construction (A.68).....	3	3
ab. Materials Lab'y. (C.E.228).....	1	1	ab. Building Sanitation (A.61).....	3	3
ab. Architectural Design (A.10).....	3	3	ab. Building Construction (A.60).....	3	3
ab. Working Drawings (A.415).....	2	2	ab. Working Drawings (A.446).....	2	2
ab. Building Construction (A.416).....	2	2	ab. Economics 11.....	3	3
a. Heat Engines (M.E.420).....	4		b. Building Practice (A.232).....		2
b. Electrical Engineering (E.E.431)....		4		14	16
a. Surveying (C.E.316).....	3				
b. Hydraulics (C.E.354).....		3			
	18	18			

Grand total 132 semester hours=22 courses.

ARRANGEMENT OF COURSES LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN ARCHITECTURE IN FOUR YEARS. BUILDING CONSTRUCTION GROUP

a=First semester
b=Second semester

			SOPHOMORE YEAR		
			Hrs. per week		
			First S.	Second S.	
ab. Applied Mathematics 1	3	3	ab. Calculus (A.M.13)	3	3
ab. Charcoal Drawing (A.201)	1	1	ab. Charcoal Drawing (A.202)	1	1
ab. Chemistry 1	3	3	ab. Greek Art (A.205)	1	1
a. Drawing (B.301)	3		ab. Elements of Architecture (A.407) ..	2	2
b. Descriptive Geometry (D.302)		3	ab. Business Administration (B.A.11) ..	3	3
ab. English 1	3	3	(See Bantel)		
ab. General Physics	3	3	ab. English 12	3	3
ab. Physical Training	0	0	ab. Physics 12	3	3
	16	16	ab. Physical Training	0	0
				16	16
Summer Session			Summer Session		
Stenography and Typewriting B.A.1210a)			Architecture 21, 213		
JUNIOR YEAR			SENIOR YEAR		
ab. Architectural Drawing (A.415)	2	2	ab. Building Construction (A.68)	3	3
ab. Building Construction (A.416)	2	2	ab. Building Sanitation (A.61)	3	3
ab. History of Architecture (A.208)	1	1	a. Heat Engines (M.E.420)	4	
ab. Architectural Design (A.10)	3	3	b. Electrical Engin. (E.E.431)		4
a. Applied Mechanics (C.E.411)	4		a. Cost Accounting (B.A.328)	3	
b. Surveying (C.E.316)		3	a. *Elective	3	
ab. Business Administration 23	3	3	b. *Elective		3
ab. Economics 11	3	3	Pub. Utility Accounting (B.A.279) ..		2
	18	17		16	15

*The elective must be taken in Business Administration.

Grand total 140 semester hours=23 courses.

COURSES IN ARCHITECTURE**Department of Architecture**

----- (Chairman); ASSOCIATE PROFESSORS GIDEON,
EVERETT, WHITE; LECTURER VOSPER; INSTRUCTOR REMING.

For list of the courses in Architecture see the catalogue of 1926-27 and Announcement of Courses for the session of 1927-28.

AWARDS**The Scholarship Medal**

Each year the American Institute of Architects offers a gold medal to that student in the School of Architecture who has done the best work during his four years of study.

In 1926 the medal was awarded to Alfred Swearingen McIlhenny, of Dalworth Park, Texas.

In 1927 it was awarded to J. Wilton Law, of Beaumont, Texas.

Competitions

Each year at the end of the school term, individual members of the North and West Texas Chapters of the American Institute of Architects, offer cash prizes for the best solutions of design problems which are written and judged by a committee of the Institute.

Those offering cash prizes hereofore are:

Robert Ayres, San Antonio.

Ralph Cameron, San Antonio.

Dahl Dewees, San Antonio.

S. E. Gideon, Austin.

F. E. Giesecke, Austin.

Giesecke & Harris, Austin.

Herbert M. Green Co., Dallas.

Hugo Keuhne, Austin.

Harvey P. Smith, San Antonio.

Thompson & Swain, Dallas.

S. C. P. Vosper, Austin.

Geo. L. Walling, Austin.

The open competition for a design for the American Institute of Architects Certificate of Merit was won by Alfred S. McIlhenny, of Dalworth Park, Texas.

The competition for the cover of this book was won by James Cyrus Buchanan, of Fort Worth, Texas.

Exhibitions

During the school year a number of exhibitions are held in Austin which are of great interest to the students of art and architecture in the University.

These include the American Federation of Arts Annual Exhibition of American painting, the Campbell collection of water colors, the Brewer collection of portraits brought to Austin by the Austin Art League. The exhibit of the work of Texas painters assembled by the Texas Fine Arts Association and the one assembled by the Texas Fair. It also includes an annual exhibition of the work of students of architecture at the University held during the Interscholastic meet in Austin. Aside from this, the Ney Museum, a national shrine of art, is open periodically to the public and various well known painters exhibit here from time to time.

Inspection Trips

Trips are made at various times to buildings under construction and to building material and manufacturing plants in Austin, San Antonio, Houston, and Dallas, where the student is shown the various steps of building under actual working conditions.

Special Lectures

The Department of Architecture invites from time to time men of national importance to speak to the students both formally and informally.

Speakers for the last few years include

Gutzon Borglum, sculptor.

Geo. H. Edgell, Dean of Architecture, Harvard, University.

Wm. Emerson, head of the School of Architecture, Massachusetts Institute of Technology.

Albert Kelsey, Architect of Philadelphia.

Frederick M. Mann, head of the School of Architecture, University of Minnesota.

Lorado Taft, Sculptor.

James White, Supervising Architect of the University of Illinois.

Beaux Arts Problems

The problems in all design courses in architecture and interior decoration above the freshman year are those given out by the Society of Beaux-Arts Architects and each problem, upon completion is sent to the Jury of Awards in New York for judgment. This work is supplemented by special local problems written by members of the faculty and by members of the American Institute of Architects.

Association of American Schools of Architecture

The School of Architecture at the University of Texas is a member of the Association of Collegiate Schools of Architecture which includes twenty-two of the leading schools of architecture in the country.

A Study of the Orders



FRESHMAN WORK



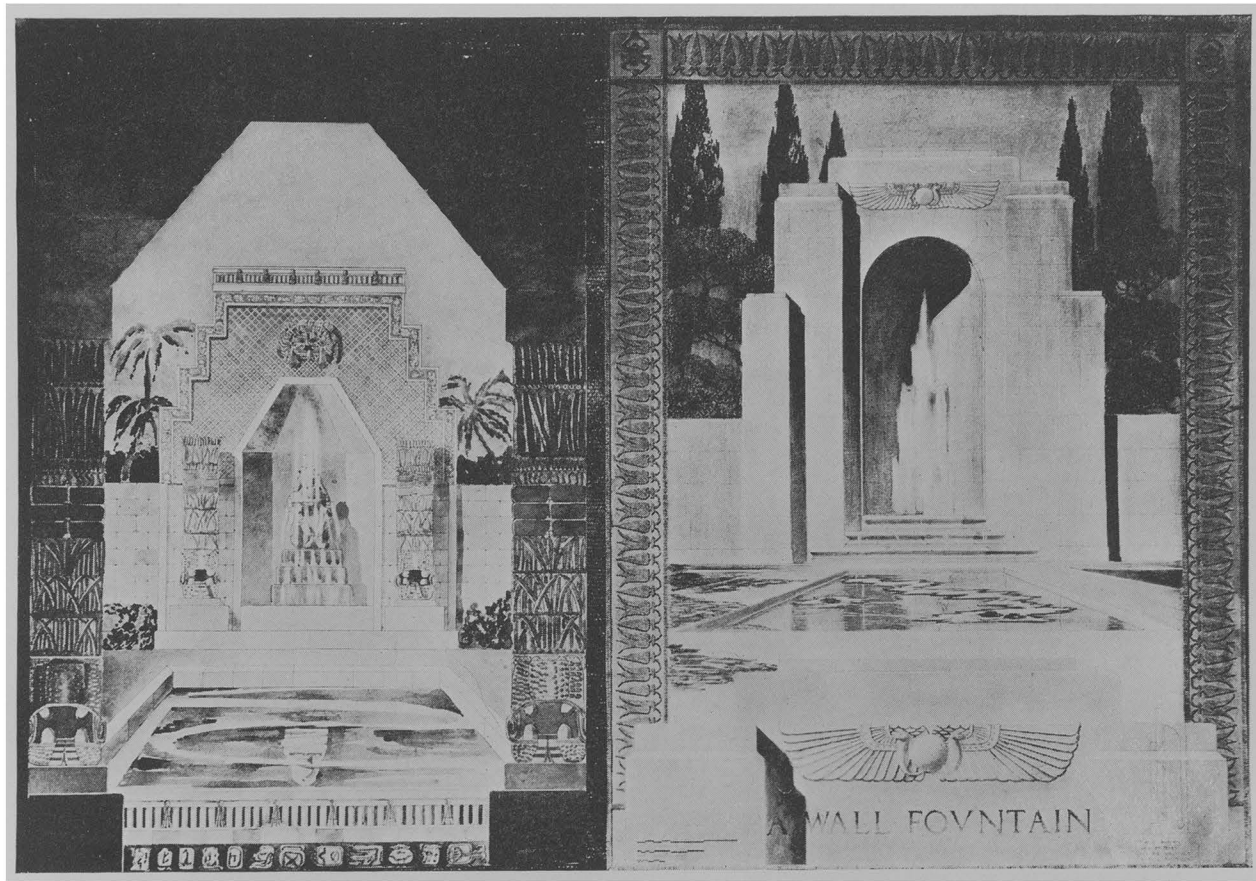
J. A. MORA
P. PRESSLER

M. M. MOSELEY
A. GORDON

FRESHMAN AND SOPHOMORE

Freehand Drawing in Charcoal

A Wall Fountain



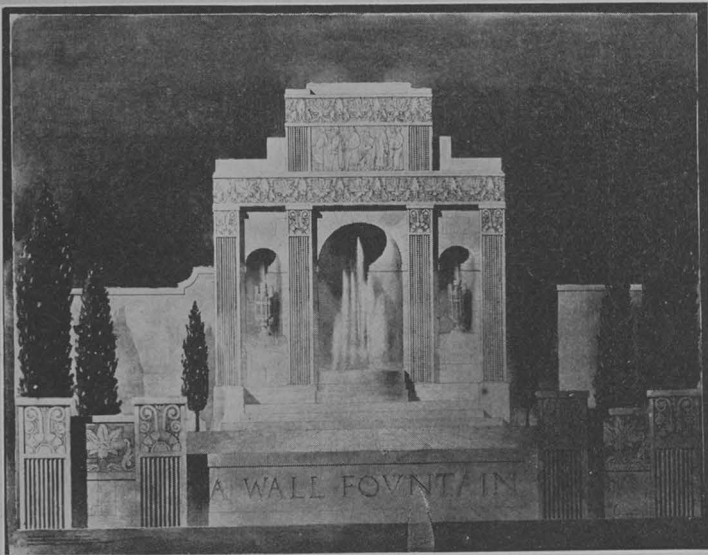
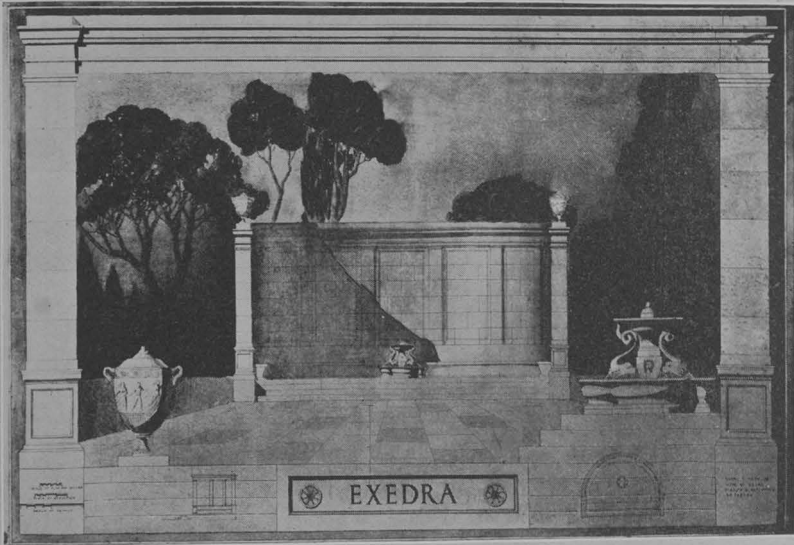
LORENA BROWN

TEMPLE PHINNEY

SOPHOMORE DESIGN

An Exedra

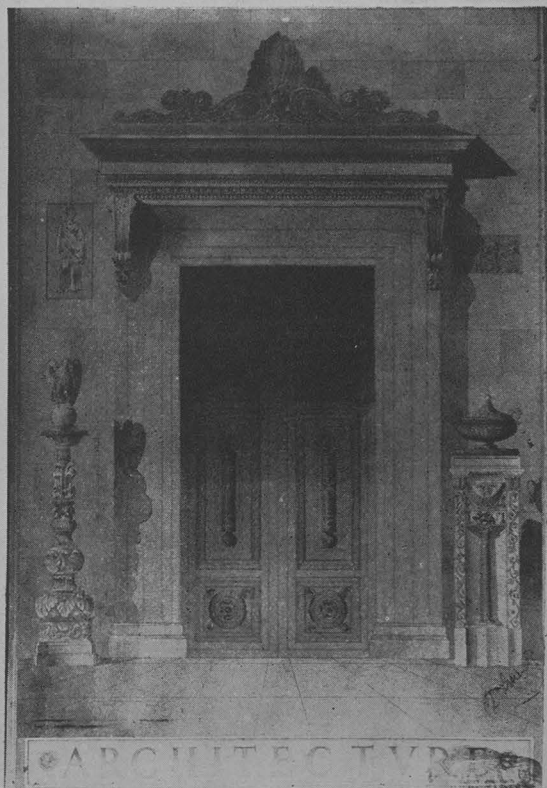
LOUIS PAGE



A Wall Fountain

O. L. MOORE

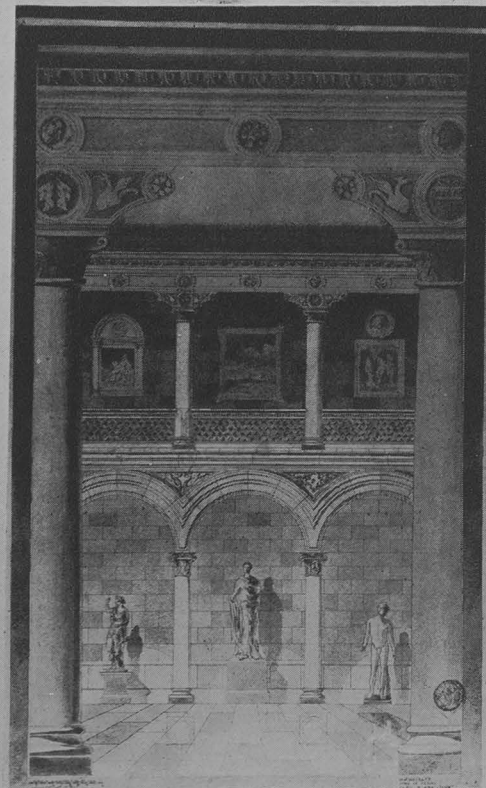
SOPHOMORE DESIGN



*J. HUNT

An Entrance to a School of Architecture

*Mention B.A.I.D.



M. M. MOSELEY*

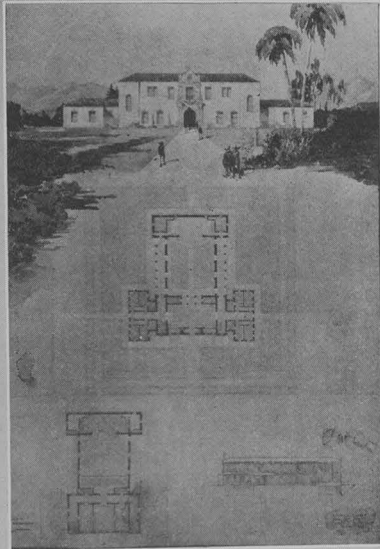
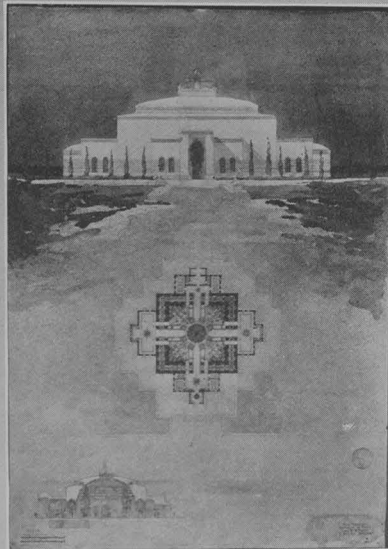
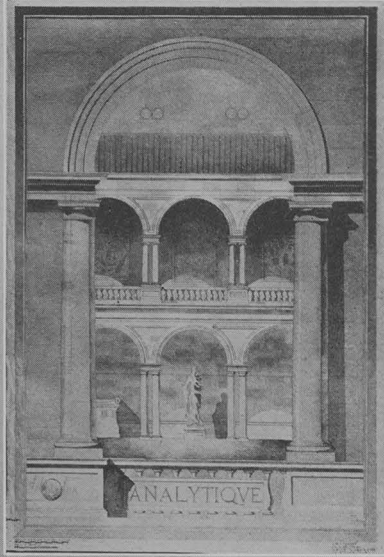
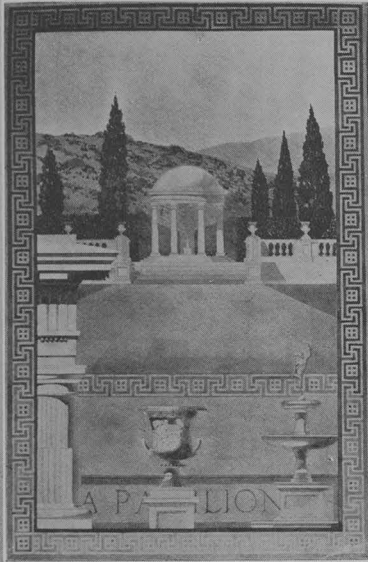
An Interior Court

SOPHOMORE DESIGN

SOPHOMORE DESIGN

JAMES HAMMOND

*J. M. STEWART

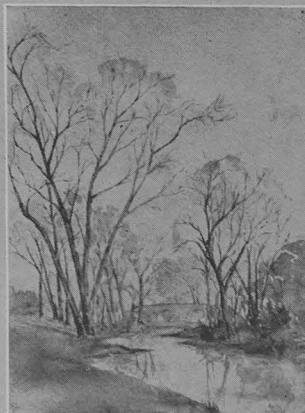
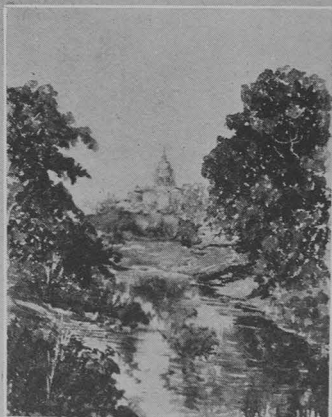


PAUL PRESSLER

*H. E. JESSEN

JUNIOR DESIGN

*Mention B.A.I.D.



P. PRESSLER

CORNELIA COLTHORP

R. WHITE

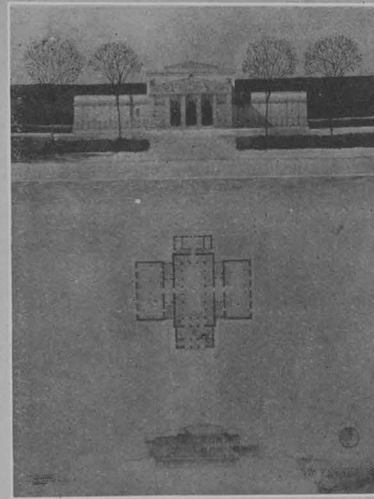
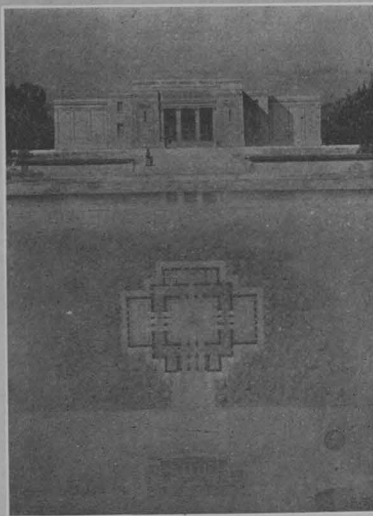
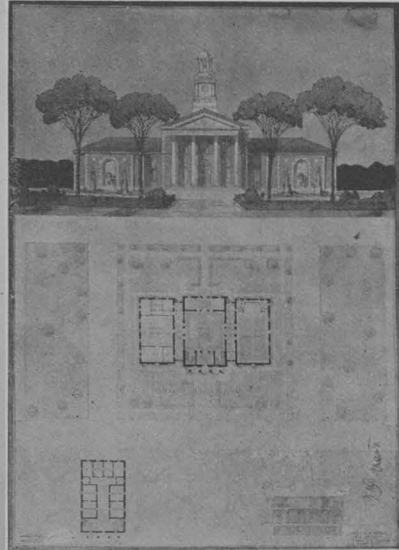
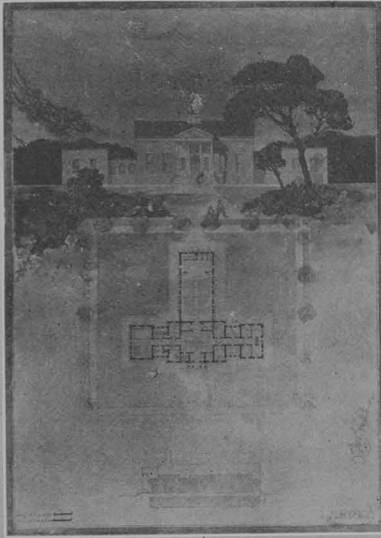
F. MacKIE

SOPHOMORE AND JUNIOR WATER-COLOR

A Memorial Town Hall

*L. F. SOUTHERLAND

*M. M. ROTSCH



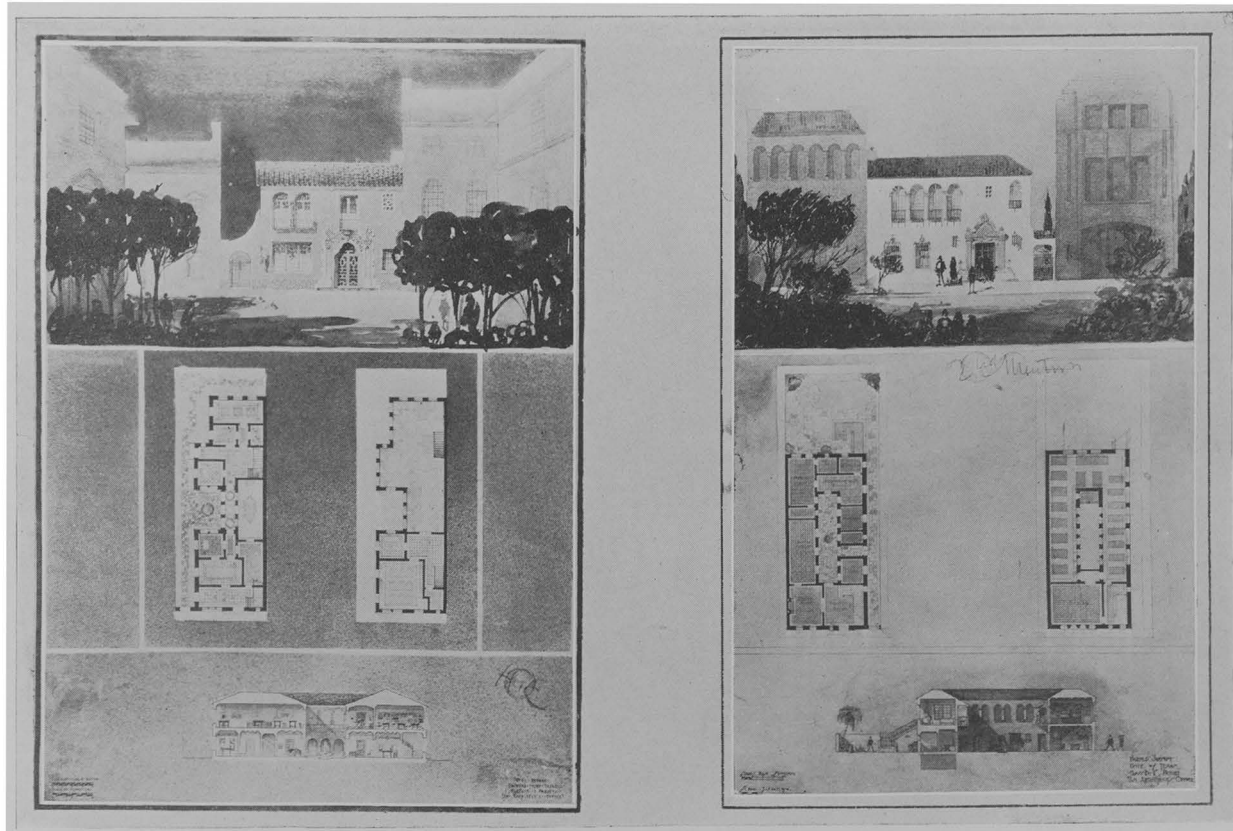
*E. W. THOMAS

*J. ROY WHITE

A Marine Museum

JUNIOR DESIGN

*Mention B.A.I.D.



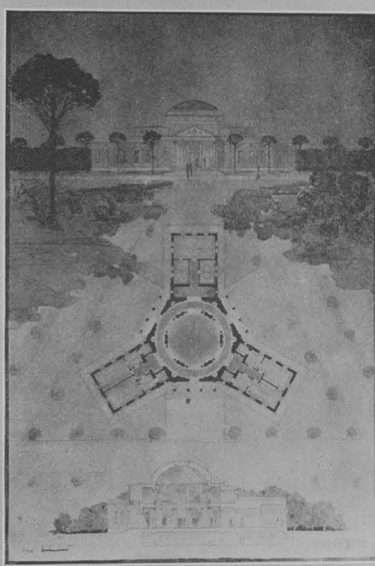
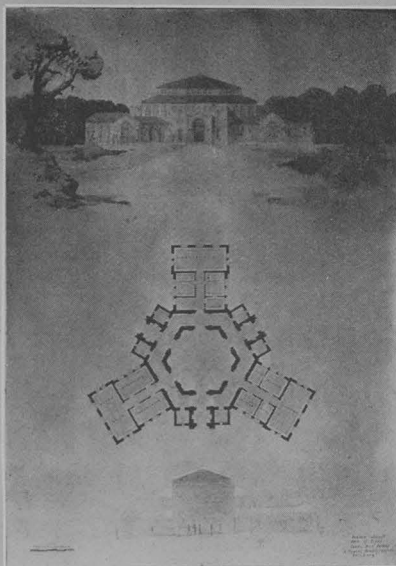
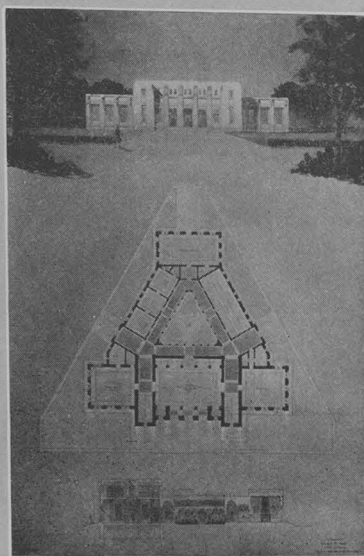
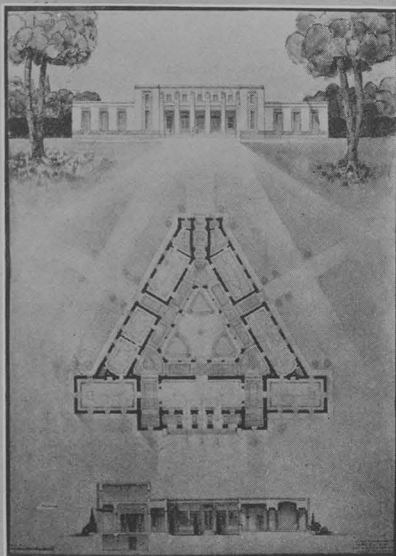
M. MEBANE

***H. E. JESSEN**

An Architect's Office

JUNIOR DESIGN

***Mention B.A.I.D.**



R. A. BOUCHARD

F. MacKIE

*H. E. JESSEN

*L. F. SOUTHERLAND

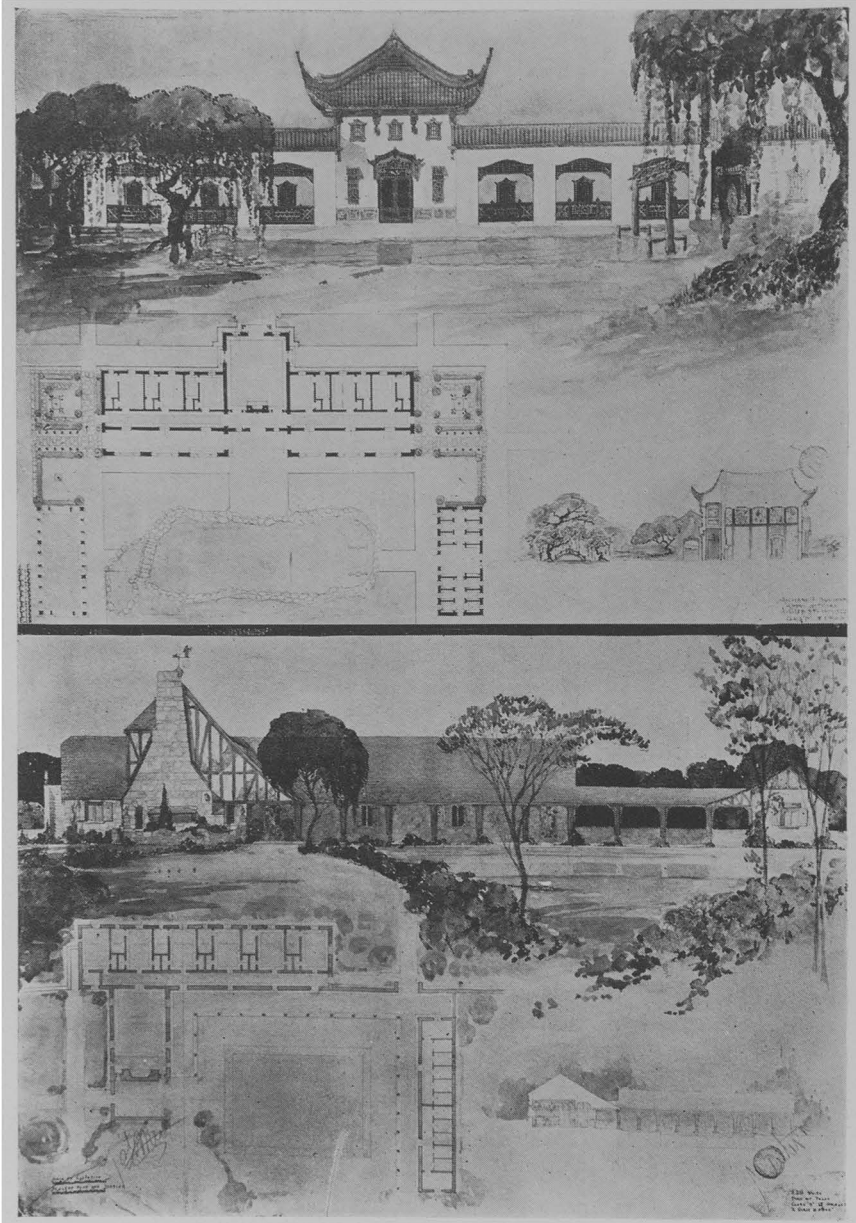
A School Administration Building

JUNIOR DESIGN

*Mention B.A.I.D.

A Guest House

*R. A. BOUCHARD

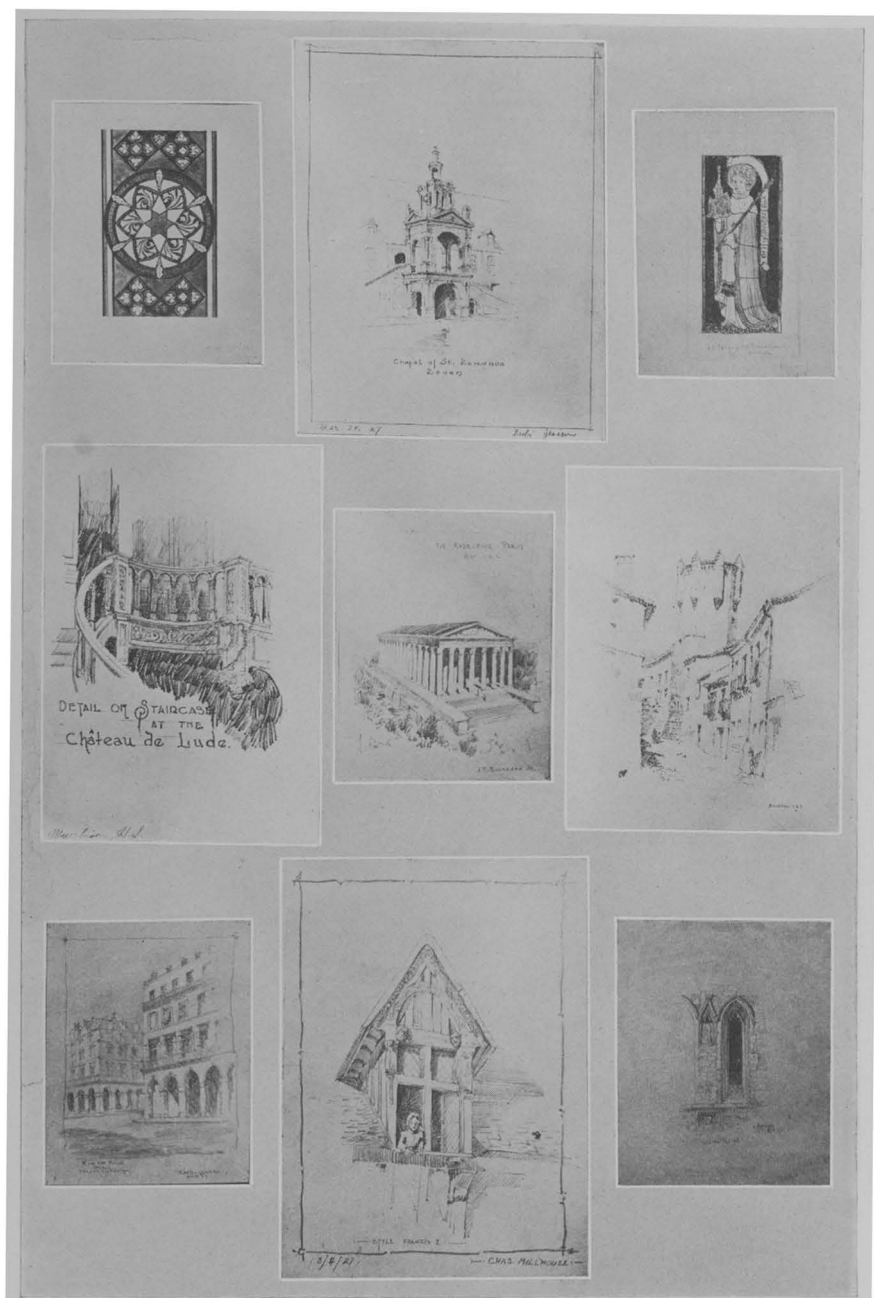


*ROY WHITE

A Guest House

JUNIOR DESIGN

*Mention B.A.I.D.



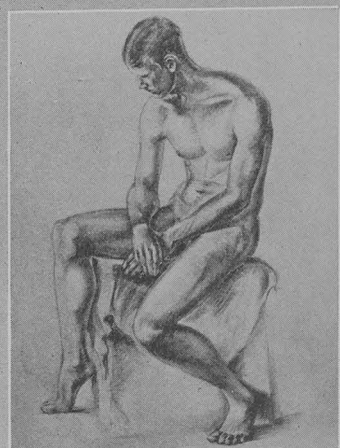
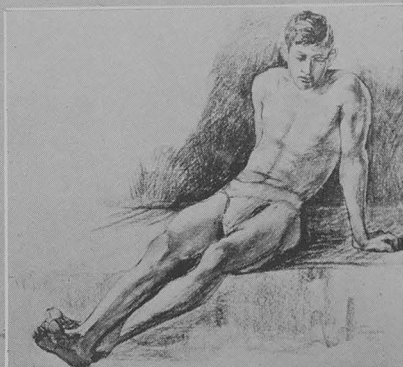
E. W. THOMAS
H. L. MURCHISON
R. A. BOUCHARD

H. E. JESSEN
J. C. BUCHANAN
C. MILLHOUSE

G. MEYER
J. C. BUCHANAN
H. E. JESSEN

Library Research in Architectural History

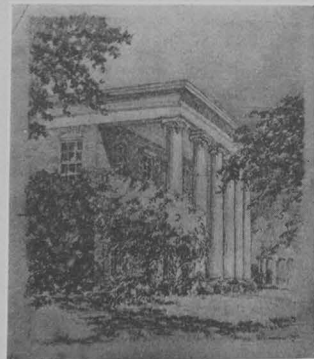
JUNIOR YEAR



GRACE MEYER
J. C. BUCHANAN

P. PRESSLER
AMY MEIER

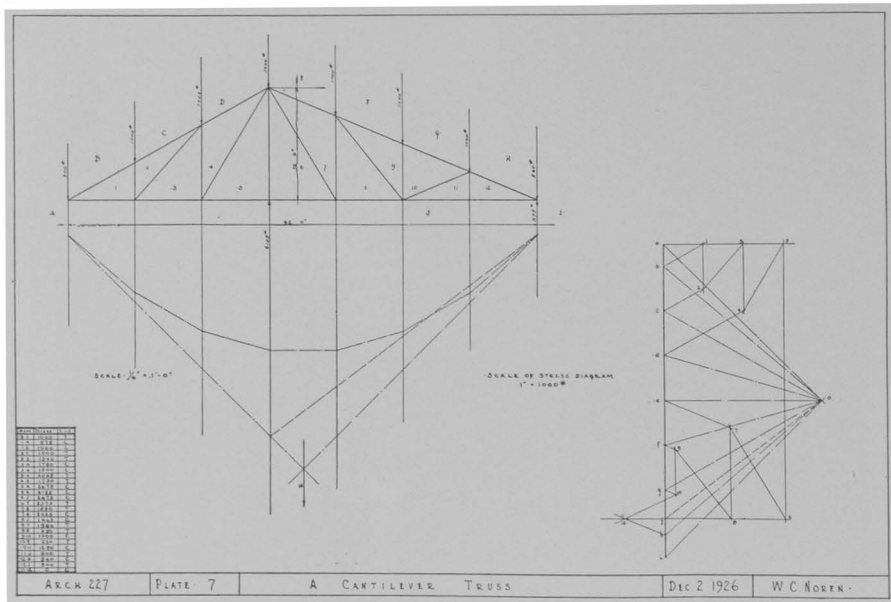
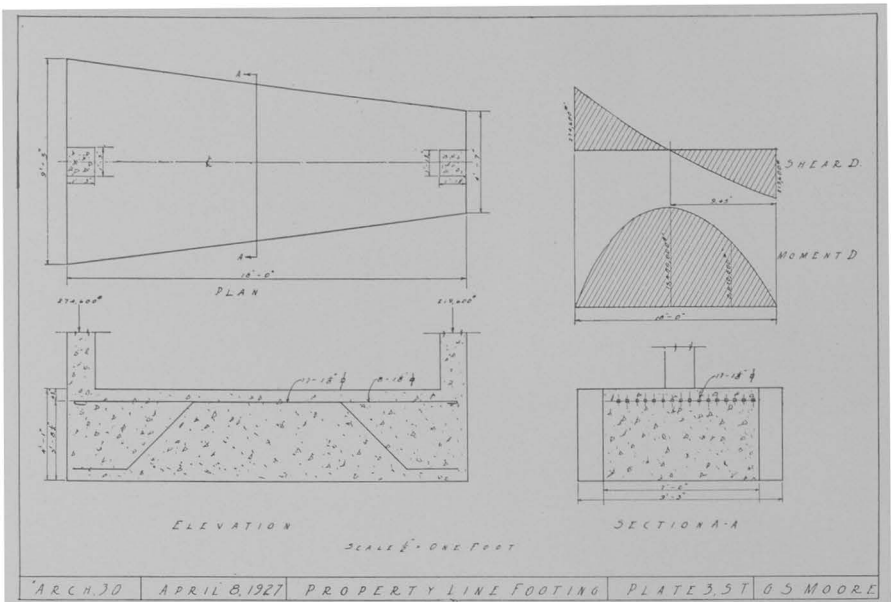
Junior Life Class



H. MURCHISON
R. WHITE
F. MacKIE

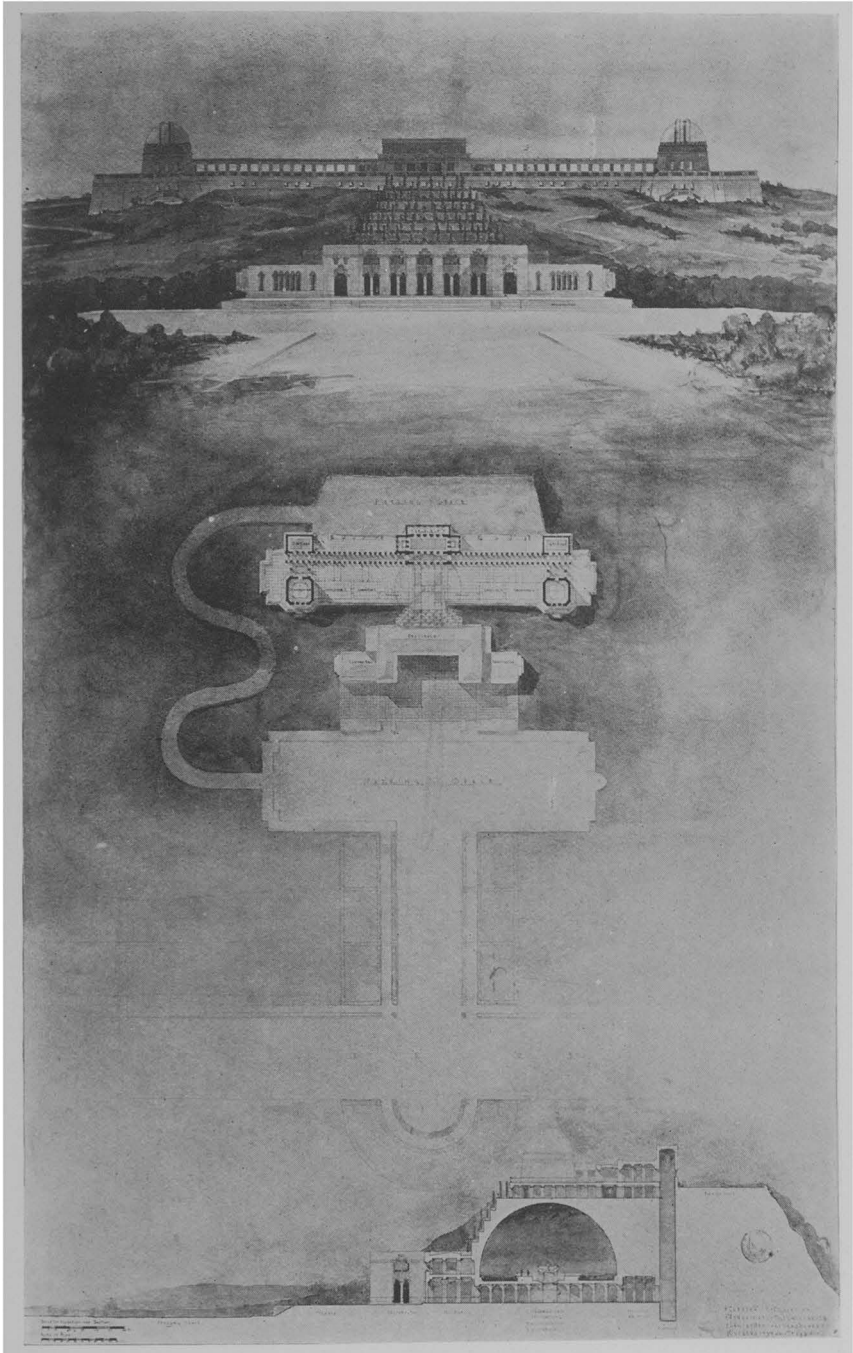
J. C. BUCHANAN
GRACE MEYER
J. C. BUCHANAN

Junior Outdoor Pencil Sketching



SENIOR CONSTRUCTION

JUNIOR CONSTRUCTION

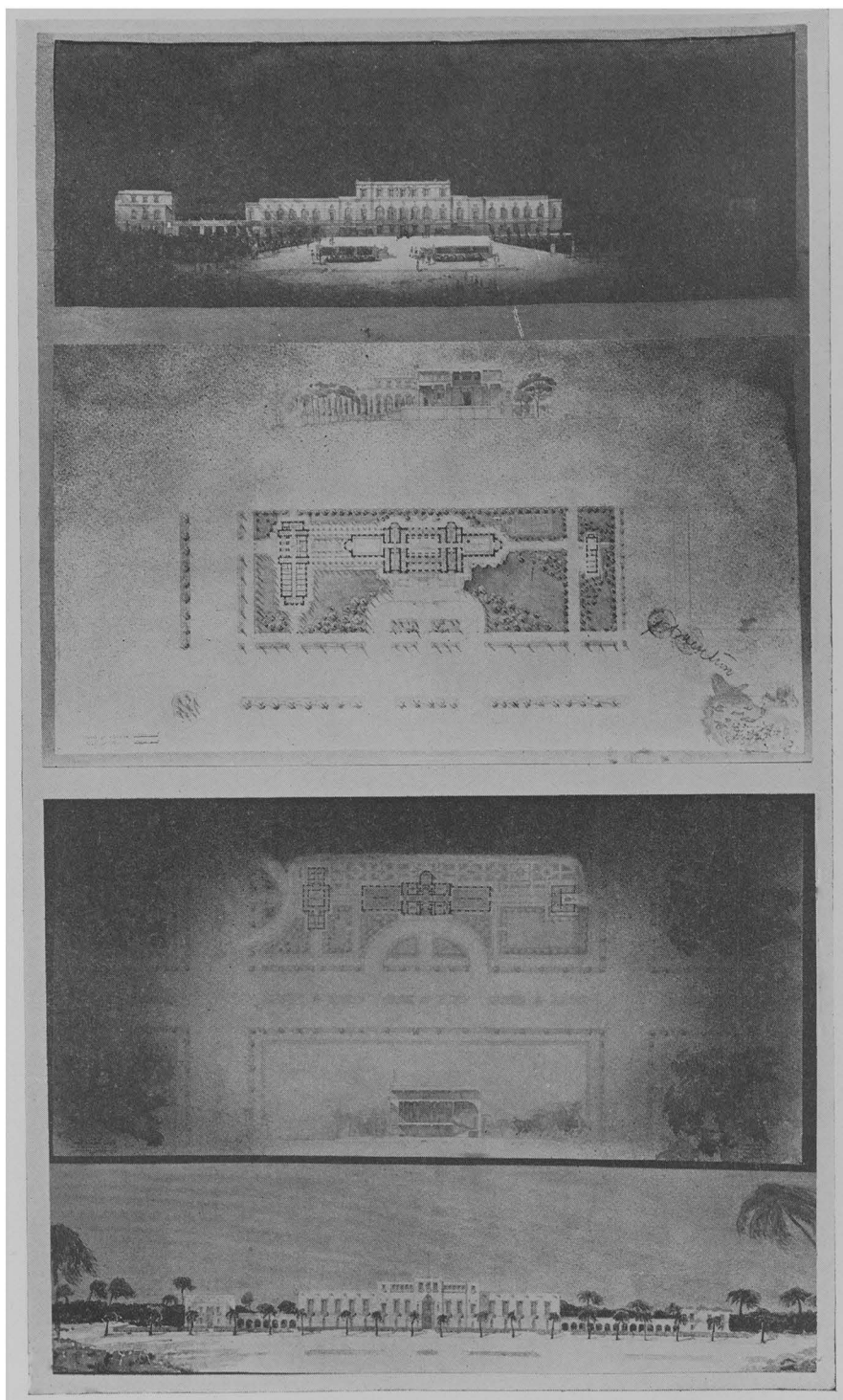


*L. M. HAMBY

An Observatory

SENIOR DESIGN

*First Mention B.A.I.D.

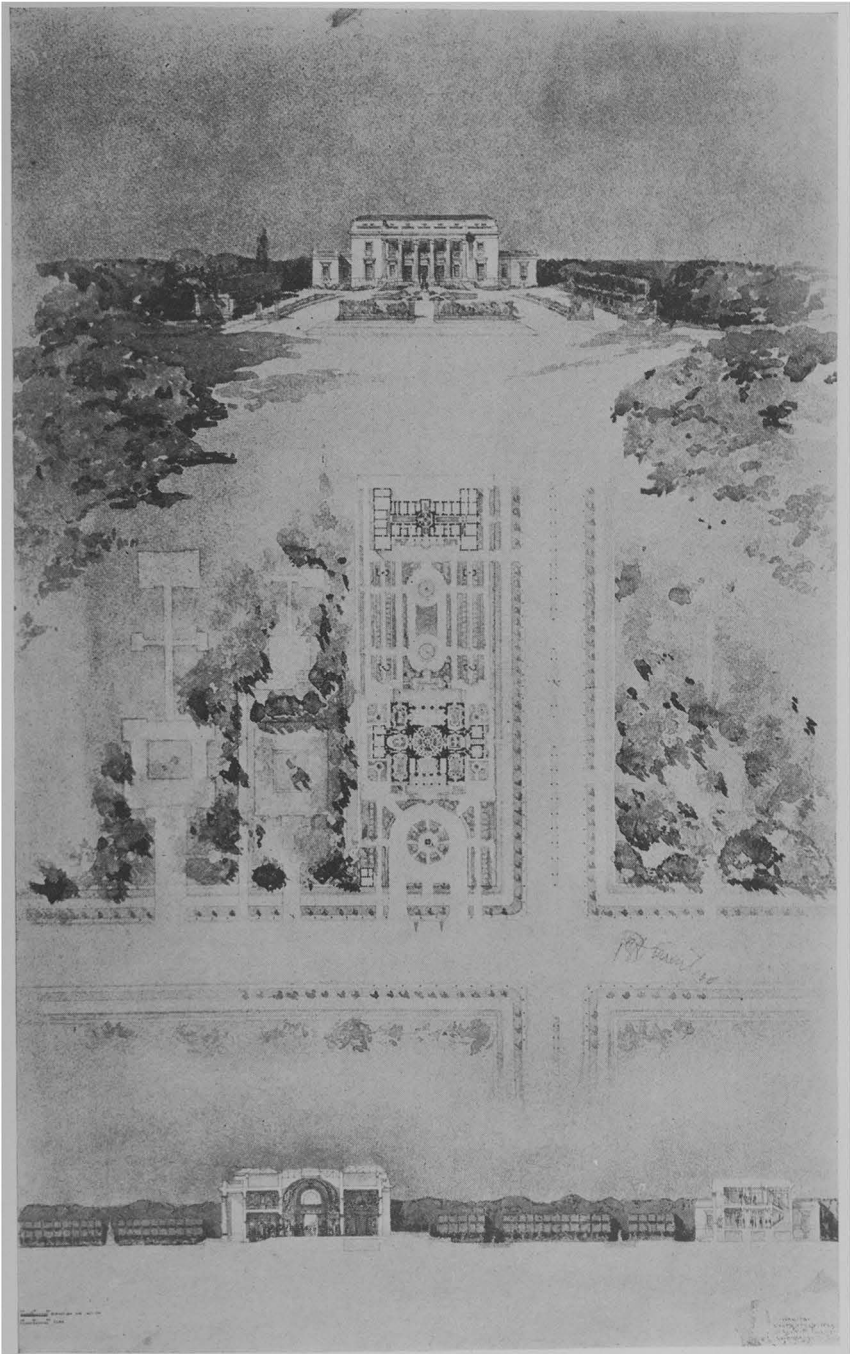


*A. B. BENSON
FRED NAGLE

An Embassy

SENIOR DESIGN

*First Mention B.A.I.D.

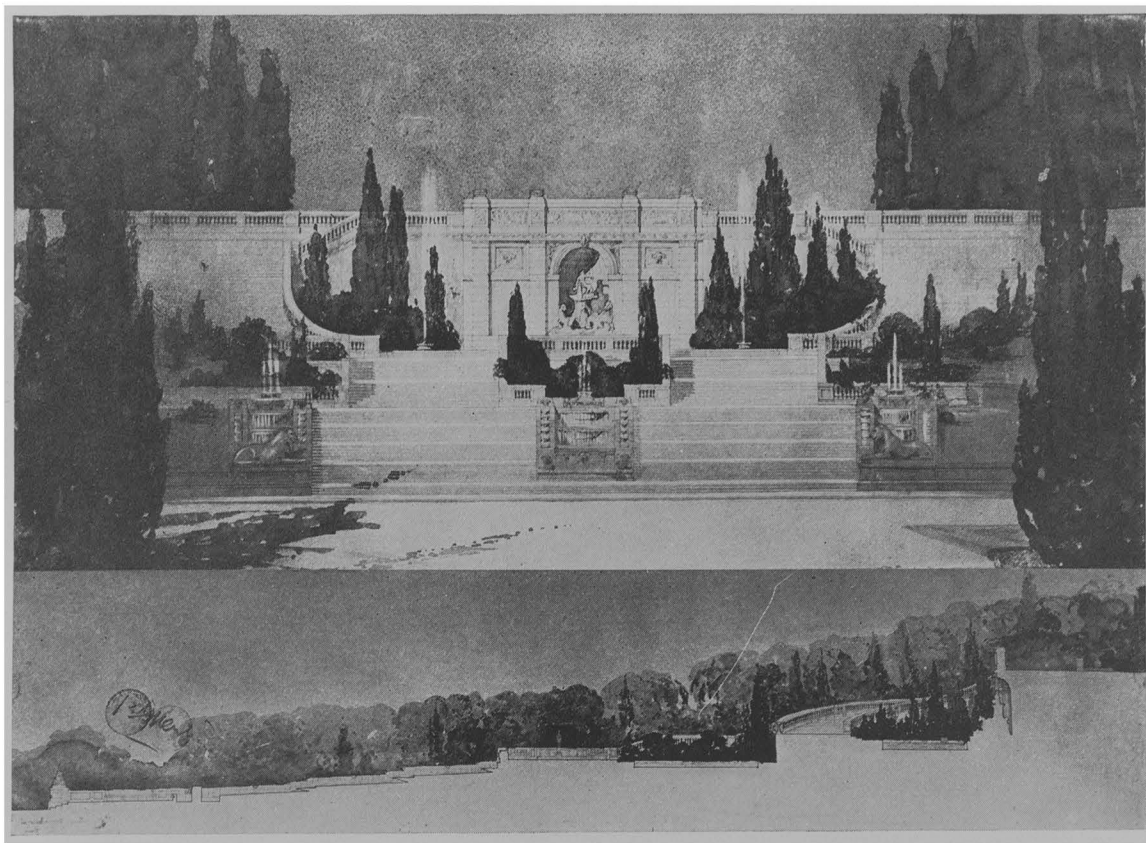


G. GARITA

An Embassy

SENIOR DESIGN

*First Mention B.A.I.D.

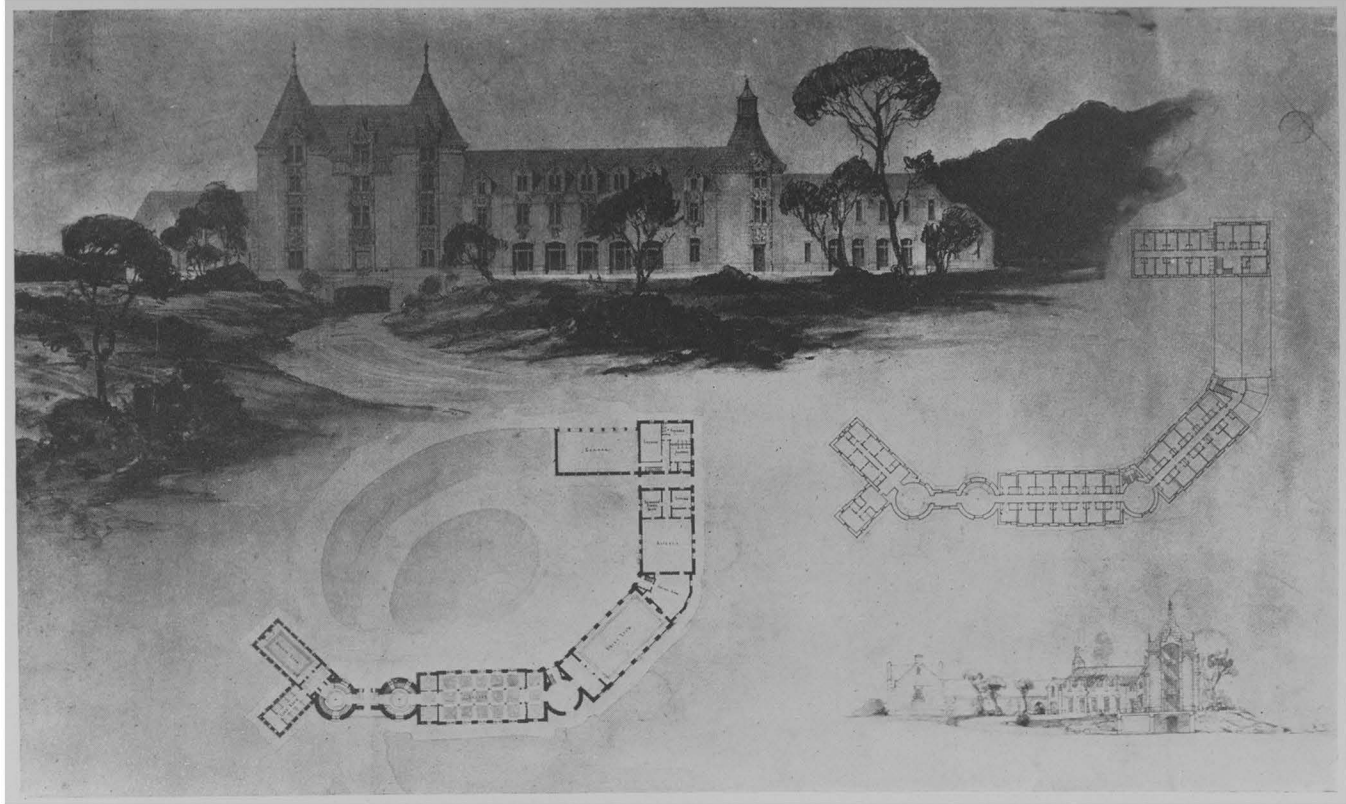


An Entrance to a Park

C. NOREN

SENIOR DESIGN

First Mention B.A.L.D.



A Hotel in the Mountains

HAZEL CLINGER

SENIOR DESIGN

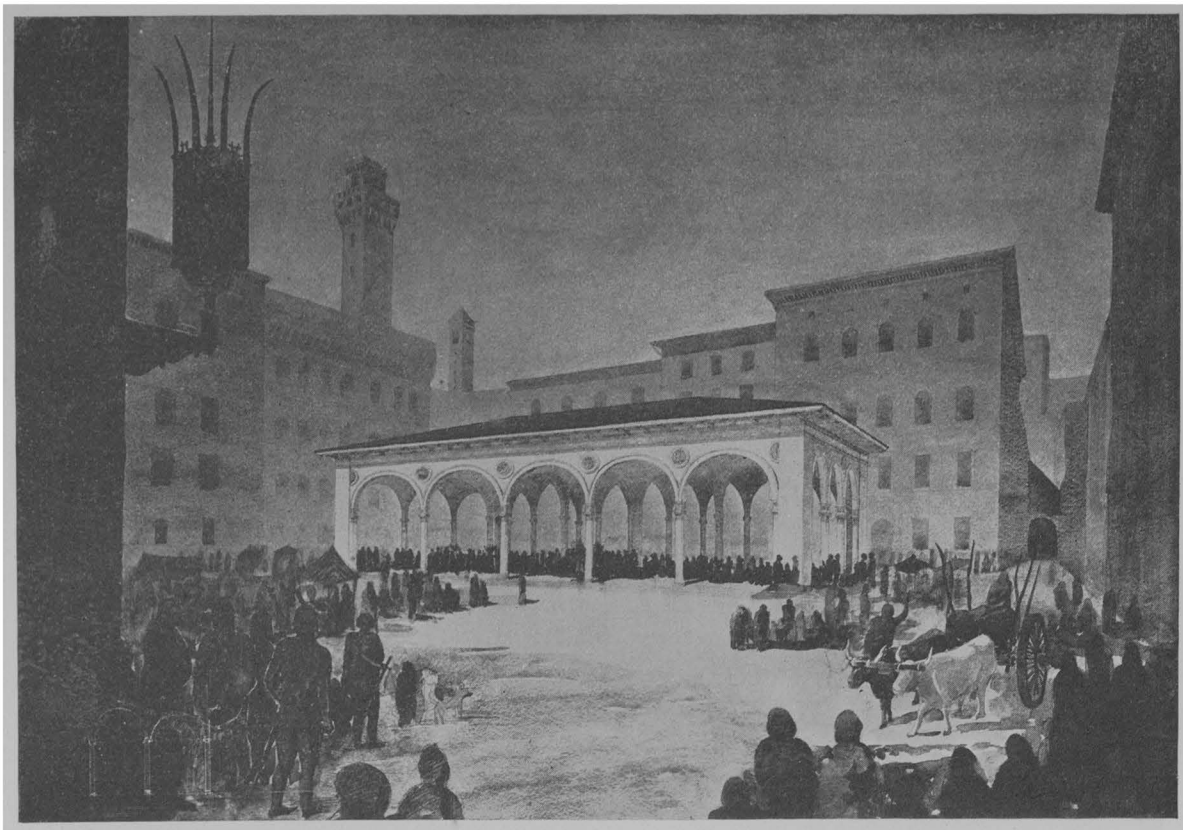


C. SEEKATZ

An English Banqueting Hall

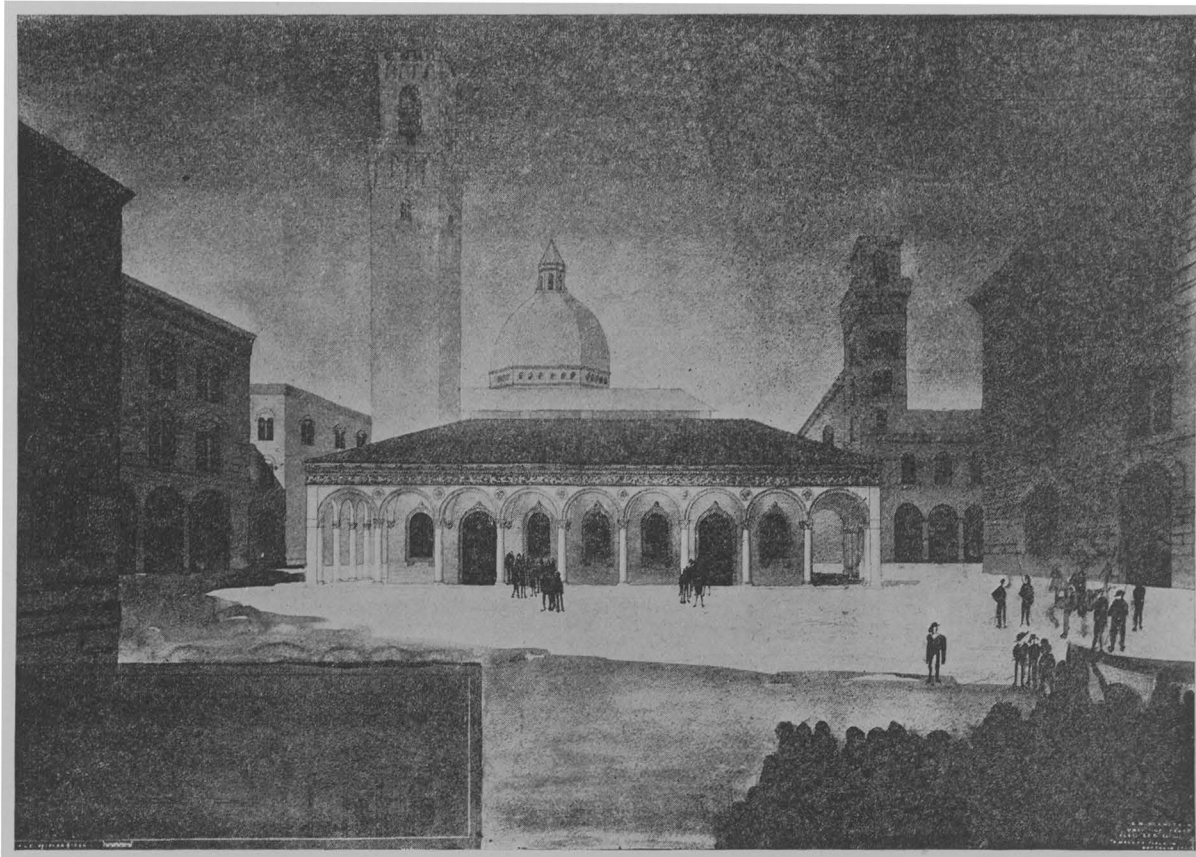
SENIOR ARCHAEOLOGY PROBLEM

*First Mention B.A.I.D.



J. M. MILLS

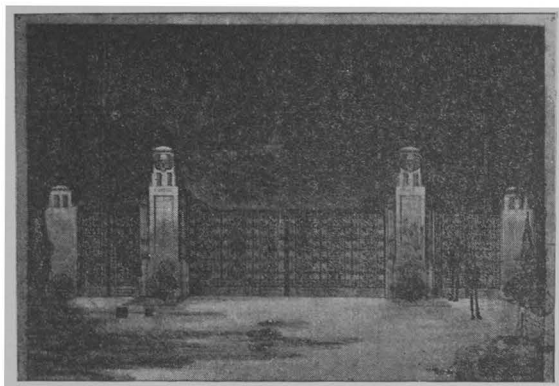
An Italian Market Place
SENIOR DESIGN



*C. H. BERNSTEIN

An Italian Market Place
SENIOR DESIGN

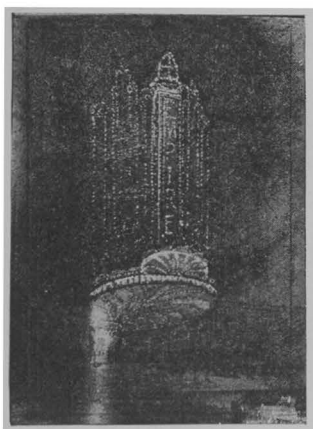
*First Mention B.A.I.D.



C. SEEKATZ

A Gateway

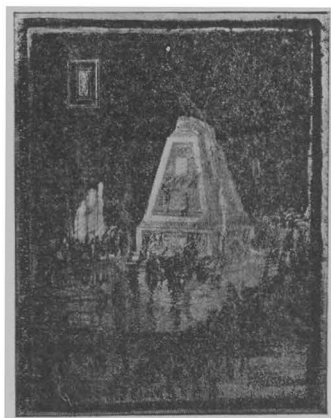
Mention



*C. NOREN

An Electric Sign

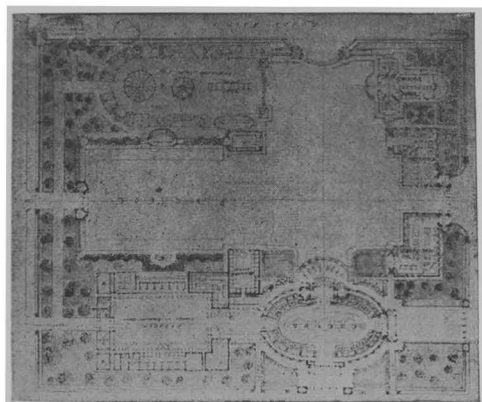
*First Mention B.A.I.D.



*F. NAGLE

A Cataphalque

*Mention B.A.I.D.



J. STEWART

A Pleasure Resort

SENIOR NINE-HOUR SKETCH PROBLEMS

