

## INTRODUCTORY

**F**IRST, we wish to thank all those who have so promptly expressed their approval of PENCIL POINTS as a regular monthly magazine by sending in their subscriptions to begin with this, our first issue. The response has been most generous and shows beyond the possibility of a doubt that a journal edited for the drafting room is greatly needed.

PENCIL POINTS will be devoted to matter of interest to draftsmen, designers and specification writers. The demand for a journal such as PENCIL POINTS was suggested by the interest that was shown throughout the country in the reproductions of work by master draftsmen in the leaflet issued under the same title for the past year and a half in the interests of THE ARCHITECTURAL REVIEW. We feel, therefore, that in offering PENCIL POINTS at this time we are meeting a very real need.

Our editorial program has been mapped out for the most part for the coming year and will give to our readers a wealth of valuable material. The plates will include, as in the present issue, reproductions of detail drawings from the offices of architects of the highest standing, as well as drawings of both ancient and modern work from all parts of the world.

Mr. Paul Valenti's lessons in perspective drawing, of which the first installment appears in this issue, will be published serially and will run

through many months. News from draftsmen's organizations, architectural clubs, architectural schools, as well as items of interest of a personal nature, will have an important place in PENCIL POINTS. The "Queries" Department will supply answers to questions by reference to reliable sources of information.

Contributions, in the form of articles coming

within the scope of our editorial plan, drawings of merit, and important news items, are solicited and will receive the careful attention of the editors. PENCIL POINTS is to be edited *with* our readers as well as *for* them, and the co-operation of the entire field is sought in order that we may produce a journal of the greatest interest and value to those it seeks to serve. We are open to suggestions for new departments and for the improvement of PENCIL POINTS in any respect. As the subscription list grows the amount of material we can include in each issue will increase. We therefore hope that all the readers of PENCIL

POINTS will tell their friends about it so that we may secure, as quickly as possible, a volume of readers which will justify us in expanding the paper to the mutual advantage of all concerned.

In these times it is highly desirable that publishers, editors and readers should work in the closest harmony to meet in the best way the many new conditions facing us all.

### EARLY ISSUES OF PENCIL POINTS WILL CONTAIN

*Architectural Details by John Russell Pope; Delano & Aldrich; H. Van Buren Magonigle, and others.*

*Articles on the Use of Models for Architectural Detail by Frederick C. Hiron; on Historic Sources of Design by Richard F. Bach and William M. Ivins, Jr., of the Metropolitan Museum of Art; on Perspective, by Paul Valenti.*

*Reproductions of Drawings of Ancient and Modern Works.*

*"The Specification Desk" will begin in the July issue.*

*News from the Field.*



# PENCIL POINTS

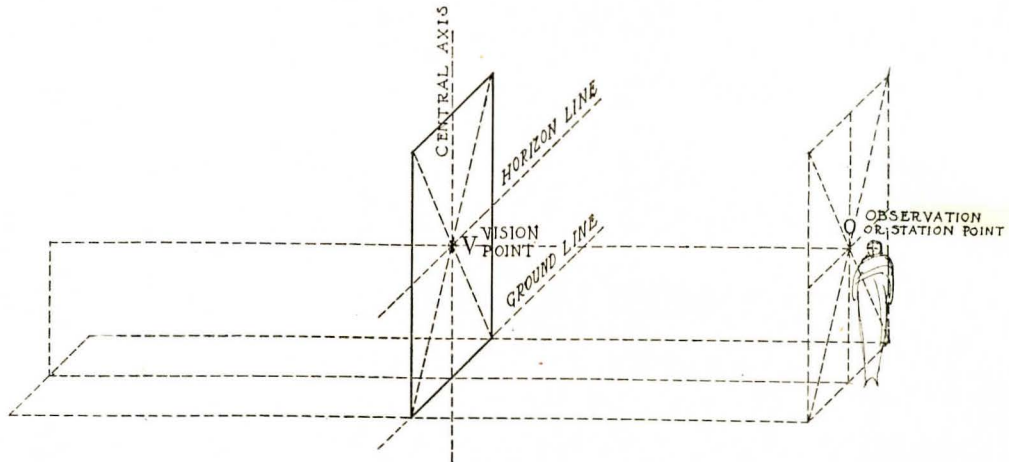


FIGURE VI

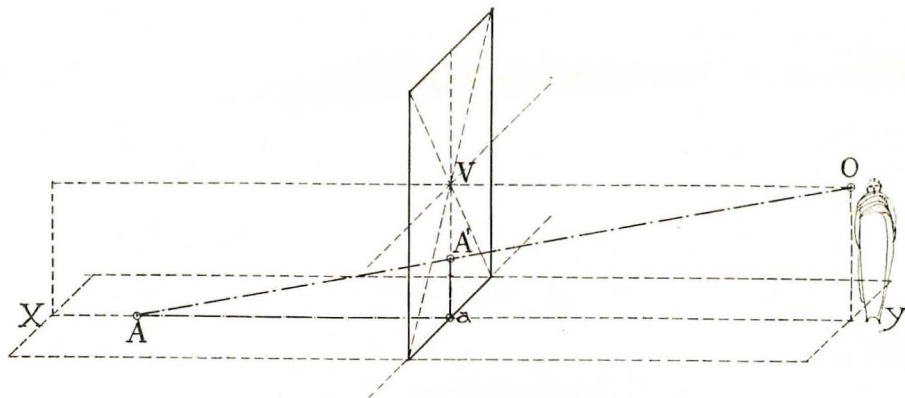


FIGURE VII

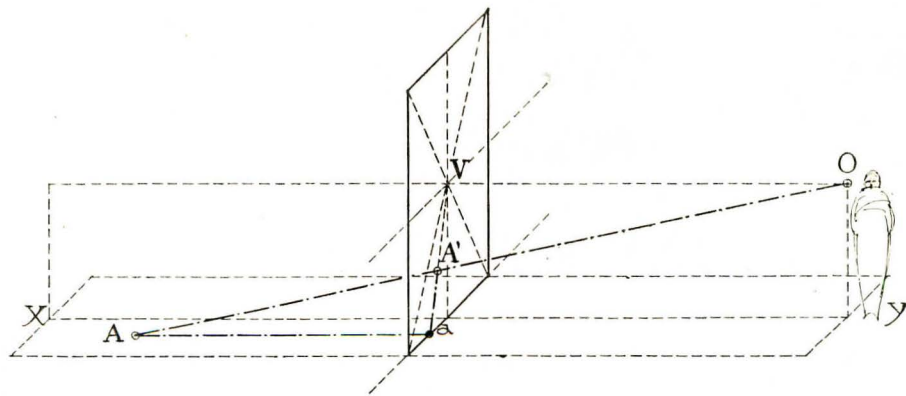
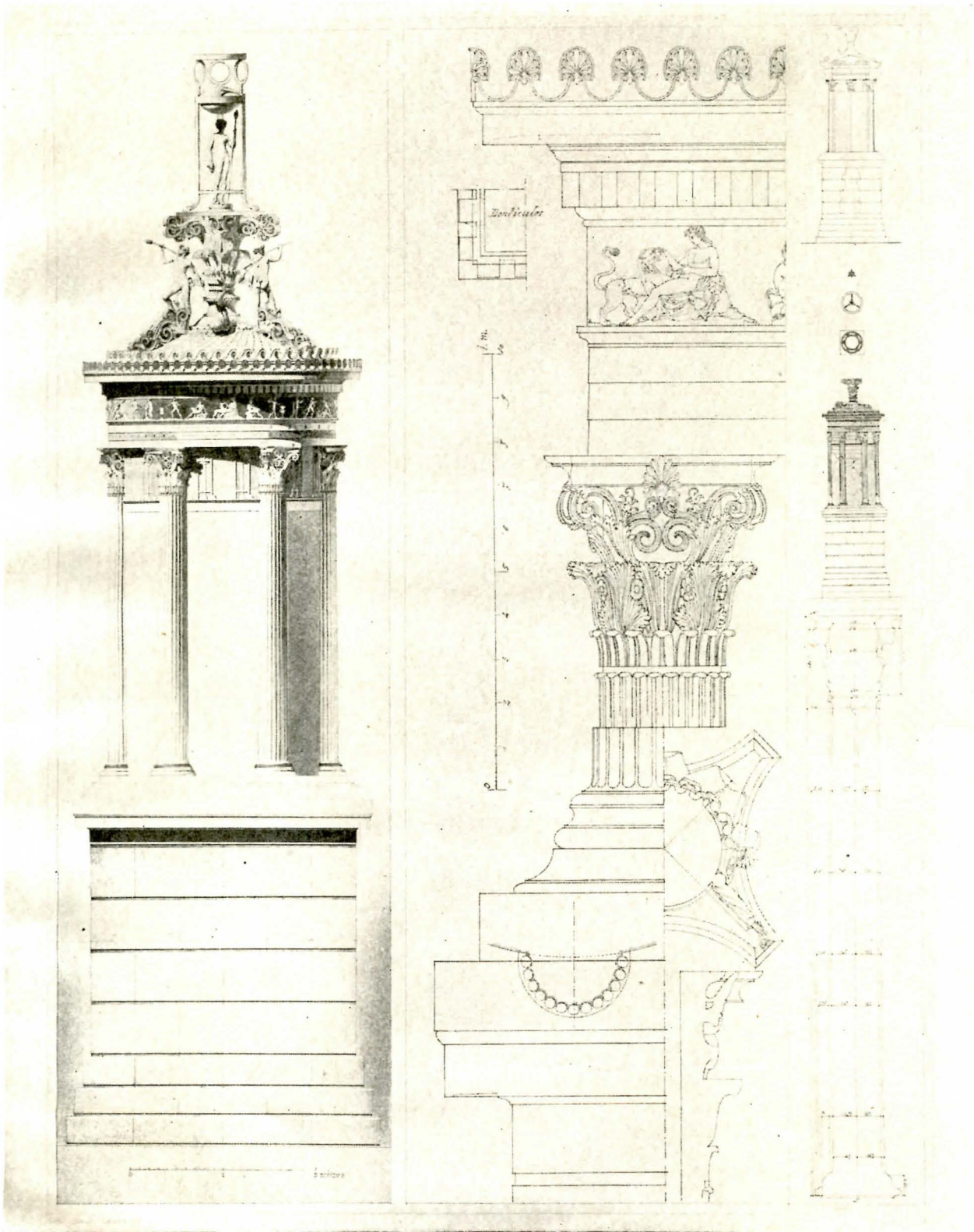


FIGURE VIII

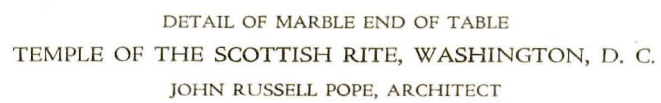


MONUMENT OF LYSICRATES AT ATHENS

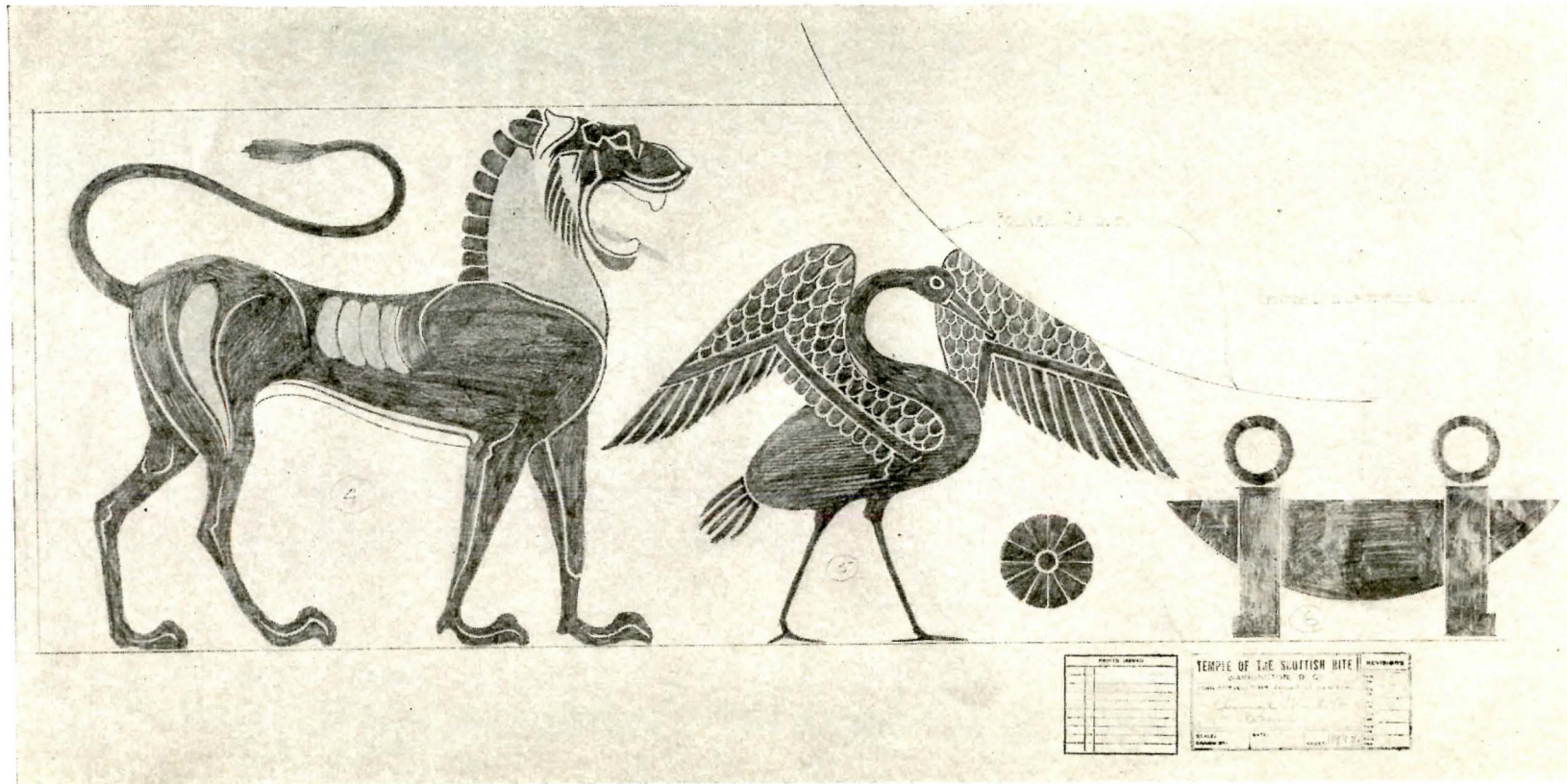
RESTORATION BY E. LOVIOT. REPRODUCTION OF A PLATE FROM THE "FRAGMENTS D'ARCHITECTURE ANTIQUE" OF H. D'ESPOUY











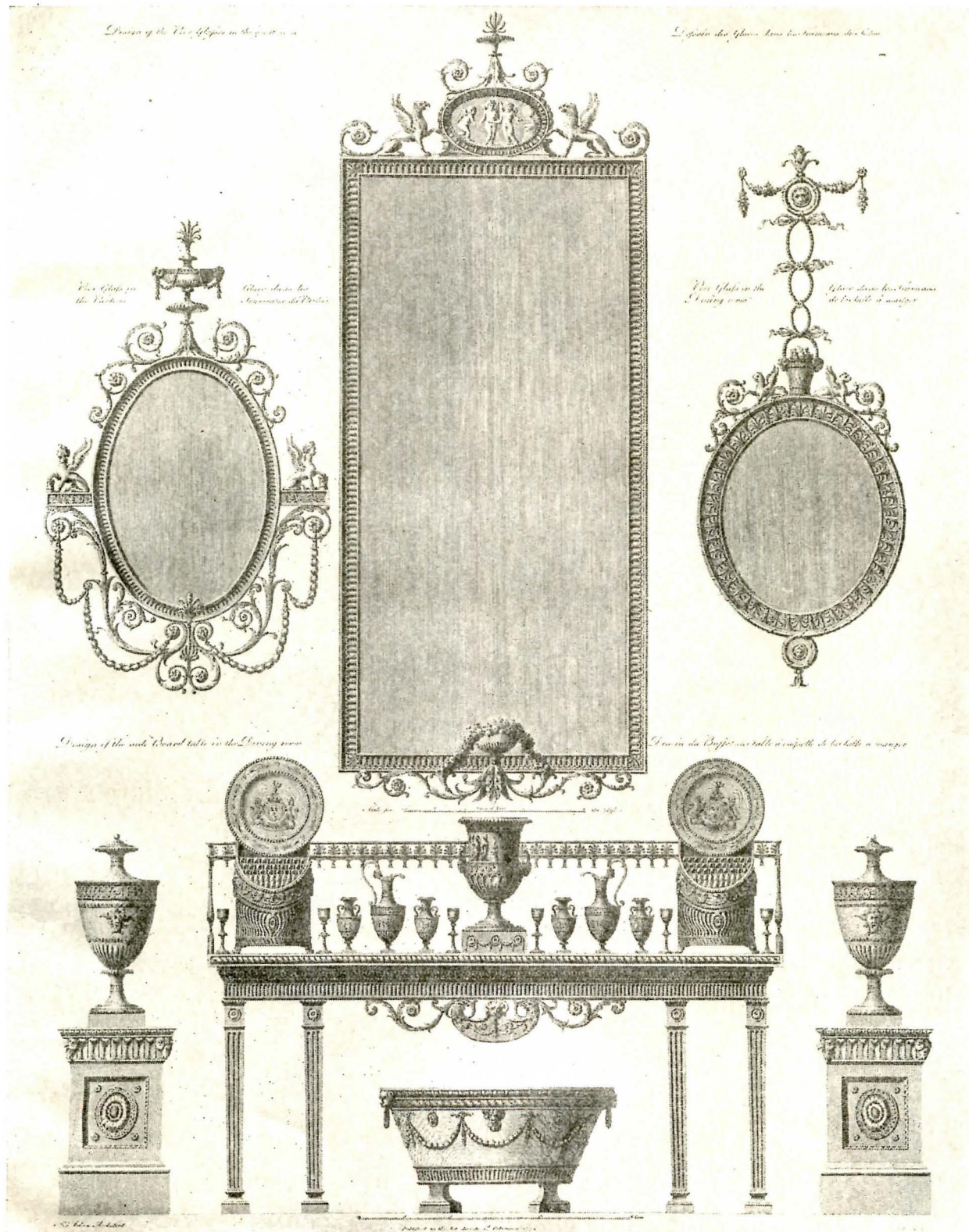
ANIMAL STENCILS FOR ATRIUM

TEMPLE OF THE SCOTTISH RITE, WASHINGTON, D. C.

JOHN RUSSELL POPE, ARCHITECT





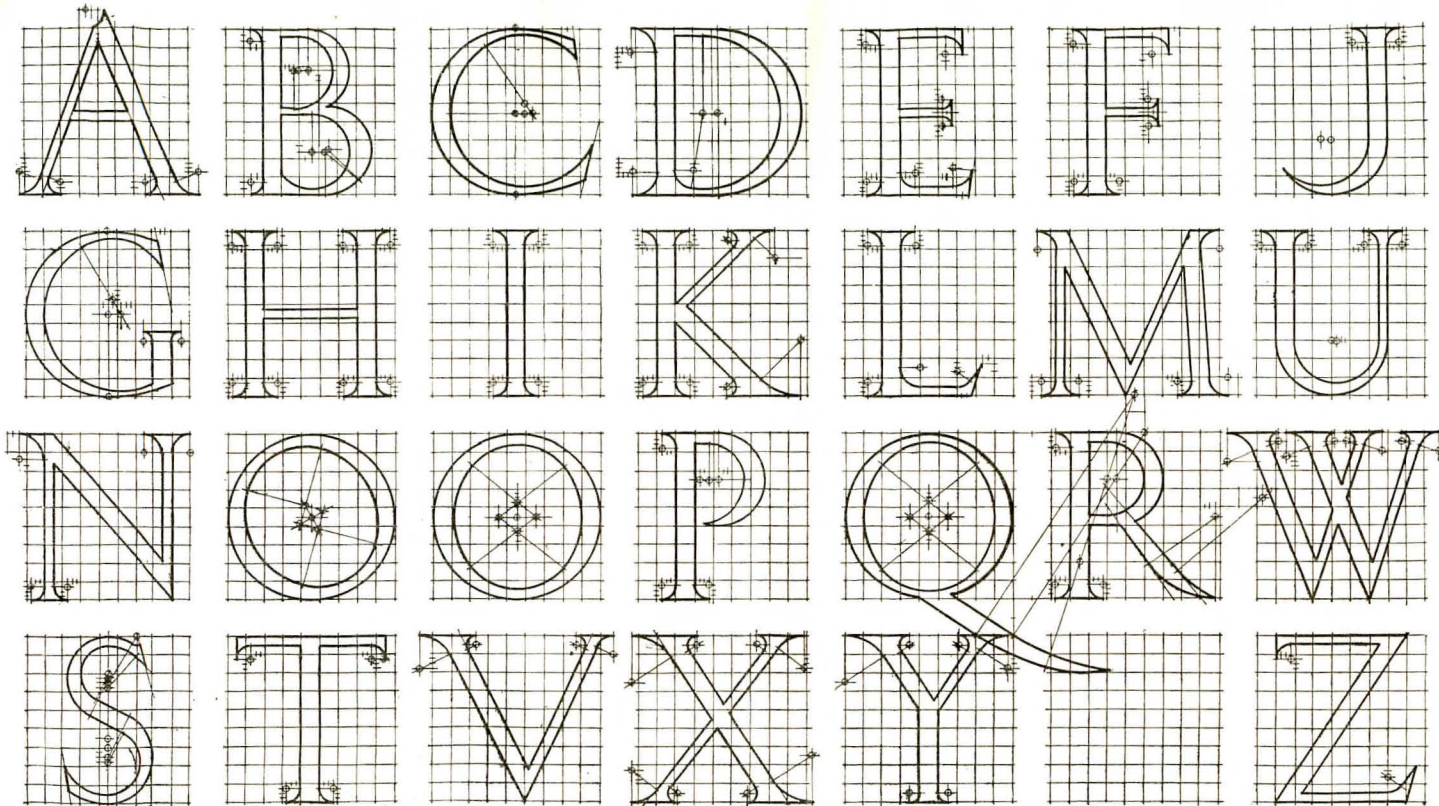


DECORATIVE DESIGNS BY ROBERT ADAM

ORIGINALLY PUBLISHED IN 1771 IN "THE WORKS IN ARCHITECTURE" OF R. & J. ADAM AND  
REPRINTED IN "THE DECORATIVE WORK OF R. & J. ADAM"







# DEVELOPMENT OF AN ALPHABET ATTRIBUTED TO LEONARDO DA VINCI.

The letters of this alphabet, excepting J, U, W, and Z, are attributed to Leonardo da Vinci in the book of Fra Luca Pacioli, published in Venice in 1509. The four letters mentioned and the system of squares were supplied by Mr. John J. Klaber who redrew the alphabet as shown here. The other letters are faithful reproductions of the originals. The stems of the letters were found to be equal in thickness to one-ninth of the height and the hair lines from one-third to one-half the thickness of the stems. The centres from which the arcs are drawn have been located as far as possible by even squares and fractions of squares. The scheme of centres has been simplified from that shown in Pacioli's book. This alphabet is shown in an Austrian reprint of Pacioli's book and in Prunaire's book "Les Plus Beaux Types de Lettres," both of which are in the New York Public Library.



# PENCIL POINTS

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## T-SQUARE CLUB OF PHILADELPHIA

THE T-Square Club was formed some forty years ago by a few energetic architects and architectural draftsmen, for the purpose of getting together those who were interested in the advancement of architecture and the allied arts. It was incorporated in 1897 and at that time had a membership of about two hundred. This has steadily increased and numbers at present about three hundred and fifty.

The Club has proved to be a valuable asset, not only to the practicing architect, but also to those younger men who, through the instruction offered in design and other courses, and also through the congenial associations formed at the Club, have been able to better themselves in their chosen work.

During the past year we have held two meetings each month, instead of one as formerly, all of which have been educational in character and planned to bring the architects and the craftsmen into closer relationship. Some of the meetings held were: "The Relationship of the Architect to the Craftsmen," by Leslie W. Miller; "History of Lighting Fixtures," by De Kosenco; "Ornamental Iron Work," with demonstration, by Samuel Yellin; "Mural Painting" by Violet Oakley; "Etching and Lithography," with demonstration by members under Joseph Pennell's instruction; "Contemporaneous Architecture in the Making," by Don Barber; "American Academy, at Rome," by W. H. J. Hough. For each meeting there has been an exhibition relating to the subject of the evening.

Besides the usual Beaux Arts course in design, we have held fortnightly sketch competitions, which have been a very interesting feature of the year's work and have proved of much benefit to all participants.

We regret that the Annual Exhibition will not be held this year, nor will the Year Book be published. However, we are now planning for our next year's exhibition which we expect will be held early in the spring.

R. J. WADSWORTH, Secretary.

## THE CHICAGO ARCHITECTURAL CLUB

THE Chicago Architectural Club has just moved into new and larger quarters at 40 South Clark Street, which offer many opportunities for development. A special committee is hard at work on plans for arrangement of club rooms, social rooms, atelier, etc. Our membership has increased considerably during the past year, and with new quarters and better facilities, it will probably make

a big stride forward. Summer activities will soon begin—Saturday Afternoon Sketch Classes, Inspection Tours, Tennis and Golf Tournaments—not forgetting our Married Men's Sewing Bees. The Annual Travelling Scholarship, for 1920-21, "A Hotel Lobby" in polychrome terra cotta, was awarded to Pierre Blouke. The Architectural Exhibition at the Art Institute is about over—it is very creditable indeed, and surely has been an inspiration to all who have visited it.

ELMER J. FOX, Secretary.

## MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Department of Architecture

Boston, Mass., May 1, 1920.

Dear Sirs:

In answer to your favors of the 27th and 28th of April, I take pleasure in sending you the following statement as to the particular features to which the Department of Architecture at the Institute wishes to call attention. It is hardly necessary to add that our curriculum has now been fully re-established since the years of the war, and offers adequate opportunities for all students—whether high school graduates or college graduates, to secure ample education to meet the increasingly exacting demands of the architectural profession.

A careful consideration of the demands made by the architectural profession has convinced the Department of Architecture at the Massachusetts Institute of Technology of the desirability of giving a course in "Office Practice" during the summer that shall be open not only to those already in the department or proposing to enter next fall, but also to outside draftsmen desirous of qualifying themselves for better positions. Such a course will be held this summer with the expectation that it will ultimately be required for the degree.

Special attention is also being given to meet the needs of graduate or special students wishing to take Advanced Design, through carefully selected courses offered in a fifth or extra year.

Yours very truly,

(Signed) WILLIAM EMERSON,  
Head of the Department.

## OHIO STATE UNIVERSITY

ONE of the semester's problems in Junior and Senior Design has been presented by means of models. The results were very satisfactory and the models have been commented on favorably by the faculty and local architects. Some of the models are being used by the students of Landscape Architecture, in their model problems.

A recent problem in Senior design was that of a Salvation Army building for Columbus, Ohio. A combination of the winning design and plans has been accepted by the Salvation Army officials, and will be built. The further development of the problem is the subject of one of the theses. This building will be taken as a standard for such buildings in the Middle-Western district of the Salvation Army.

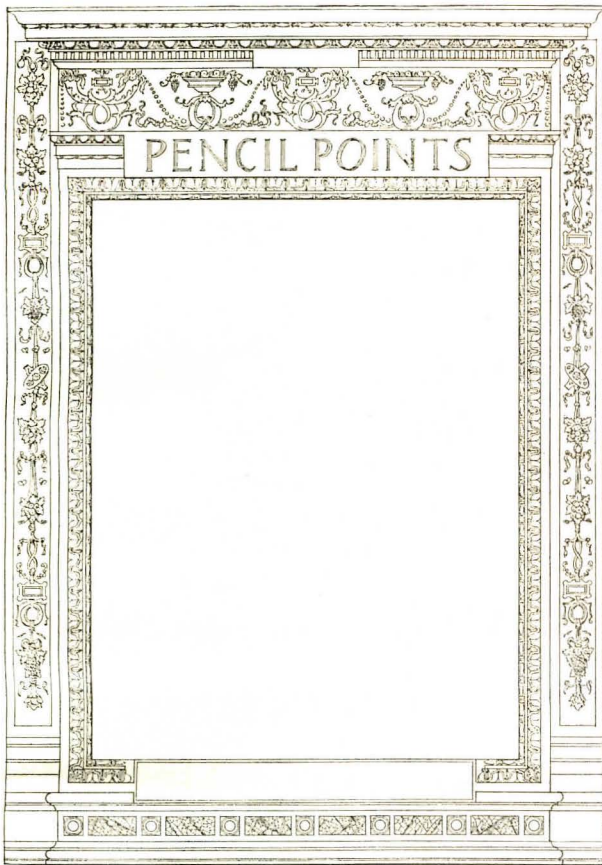
WALTER A. TAYLOR.

THE honor of being the first subscriber to PENCIL POINTS goes to A. L. Muller, 263 East 19th Street, Brooklyn, N. Y.

THE Greek Government Exhibition, which was shown at the Grand Central Palace, New York, early this spring, is now being shown at the Commercial Museum in Philadelphia and will be taken from there to Ann Arbor, Michigan. It will probably be shown in other cities in various parts of the country. It was organized at the instance of Premier Venizelos of Greece and is in charge of A. E. Phoutrides, professor of Greek literature at the University of Athens.



## PENCIL POINTS



The design for which the prize of \$100 was awarded to Mr. F. Tupper-White, Chicago, in the competition for a cover design for PENCIL POINTS

### PRIZE AWARD IN PENCIL POINTS COVER DESIGN COMPETITION

THE jury of THE ARCHITECTURAL REVIEW has awarded the one hundred dollar prize for a cover design for PENCIL POINTS to Mr. F. Tupper-White of Chicago. The five members of the committee were Mr. Ralph Reinhold, Mr. C. H. Peters, Mr. E. Clute, Mr. W. V. Montgomery, and Mr. E. M. Urband.

Several contestants were placed *hors de concours*, having failed to follow the instructions of the program for provision of space required.

When the contest was announced, it was intended to use the winning design on the cover of PENCIL POINTS with a photographic insert, but the launching of PENCIL POINTS, with this issue, as a regular publication requires the use of a different kind of cover.

The original intention of the competition, the letter and spirit of the program, nevertheless, was adhered to in judging the designs. The winning design is here reproduced.

New York, May 1, 1920.

Dear Sirs:

I received your booklet announcing the birth of PENCIL POINTS on June first next and I took the liberty to go on the stump for it. These eleven subscribers are all young men under my direction at the studio, none of them past the boyhood age, and in every case, this is their first investment in a periodical, and I trust that this initial step will eventually impress them with the necessity of subscribing for "The Review."

Very truly yours,

FRANK CAMBRIA.

## Classified Advertisements

Advertisements in this column Five cents a word, none less than \$1.00. Remittance must accompany order.

DO YOU WANT A DRAFTSMAN, designer, specification writer? Advertise in PENCIL POINTS. It reaches them all.

WORTH HAVING is worth asking for. Nobody knows you want a position if you don't tell them. Don't tell *one*—tell *all* of them. PENCIL POINTS can do just that for you. Advertise for a position in PENCIL POINTS.

FOR SALE, Fifty-four copies of the *Architectural Record* in excellent condition, years 1903-1908. Many of these issues are out of print and unobtainable. Price \$15.00. Box 101, PENCIL POINTS.

### SUMMER SCHOOLS

INSTRUCTION IN WATER COLOR RENDERING for Architects, Interior Decoration, Sketching from Nature by J. Frank Copeland of Philadelphia. Catalog 16th year. Commonwealth Art Colony, Boothbay Harbor, Maine.

### PENNSYLVANIA STATE COLLEGE

WORK has been begun on the new Main Engineering Building, which is to house the new Department of Architectural Engineering. The top floor will include drafting rooms, an exhibition hall, free-hand drawing room, construction museum, etc.

Mr. E. T. Dreibelbies, member of the class of 1918, has just returned from England, where he served with the Government aviation forces. He has brought back with him a note-book of sketches made in various parts of England, where he was stationed for over a year. The drawings constitute a very attractive exhibit, which is now on display in the galleries of the department.

The well-known Colonial mansion, The Dr. Joseph Priestly House, is to be moved from its original site on the Susquehanna River to the campus of the Pennsylvania State College, where it will afford the students an opportunity to measure details of good Colonial work.

H. R. GAMBLE.

### GOVERNMENT NEEDS DRAFTSMEN, ETC.

THE United States Civil Service Commission announces that the Government is in need of a large number of draftsmen of various kinds. It is stated that fully 1,000 draftsmen were appointed in the Government service during the last calendar year. During this period of reconstruction, technical men are especially needed. Besides draftsmen, there are openings for surveyors and computers, also assistant and associate engineers, electrical, mechanical, civil, chemical, and ceramic.

### CLUBS AND ASSOCIATIONS

SECRETARIES are requested to send news items concerning members or matter relating to the activities of their separate organizations. Let PENCIL POINTS be your official journal. Remember—PENCIL POINTS goes to press on the tenth of the month preceding publication. Matter for insertion should reach this office before that date.

THE ARCHITECTURAL REVIEW and PENCIL POINTS are on sale at the following book shops: New York, Brentano's; Chicago, McClurg's; Boston, The Old Corner Book Store; Washington, Brentano's. Wholesale Distributors, The American News Company, New York.





# QUERIES

*In this department PENCIL POINTS will endeavor to answer questions of general interest pertaining to Architecture and allied arts, giving the best available information from authoritative sources. We desire that you feel free at all times to make use of this service, inviting your co-operation in making the department both interesting and valuable. Should you desire an answer by mail, enclose stamp for reply. In this issue, we provide our own queries to indicate variety of subjects and method of treatment. Address queries to, PENCIL POINTS, (Attention of E. M. Urband), Metropolitan Tower, New York City.*

**Question.**—What must I do to become a licensed architect in New York State? **Answer.**—The qualifications for becoming a licensed architect in New York State are, that the applicant must be a citizen of the United States or have declared his intention of becoming one, must be at least twenty-one years of age, of good moral character, and must secure a certificate of registration by examination. The qualifications are that he shall have a high school education and at least five years' experience in a recognized architect's office. The board of examiners may accept in lieu of the examination satisfactory evidences: (1) Diploma of graduation or satisfactory certificate from some architectural college, and at last three years of practical experience. (2) Registration or certificate as an architect in another state or country where the qualifications are the same as in the State of New York. Communicate with the board of regents, Albany, New York. Reference, Paragraph 79, General Business Law of New York State, annotated, Consolidated Laws, Volume 3.

**Question.**—I am not a certified architect. May I be permitted to plan alterations on my house in New York City? Must I receive permission for alteration? **Answer.**—Yes, the proposed plans for alteration must be submitted to the superintendent of buildings, detailed statement in triplicate. See Building Code Ordinances of the City of New York, Annotated, 1920.

**Question.**—What is the zoning law in New York City? **Answer.**—The building zoning law, adopted July 25, 1916, is a regulation limiting the height and bulk of buildings, detailed arrangement of courts and other open spaces, regulating and restricting the location of trades and industries, and the location of buildings designed for specified uses, and establishing the boundaries of districts for these purposes. See Crosby Code of Ordinances, Annotated, 1920.

**Question.**—Is the Hotel Pennsylvania the largest in the world and who were the architects? **Answer.**—The Hotel Pennsylvania is the largest hotel in the world. McKim, Mead & White were the architects.

**Question.**—What opportunity for architectural study does the American Academy of Rome offer? **Answer.**—Maintenance for three years in the Villa Aurelia, Rome, acquainting the Fellow with the rich store of Roman antiquities in architecture.

**Question.**—Who were the architects of the Cathedral of Notre Dame and when was it completed? **Answer.**—The only available document contemporary with the construction of Notre Dame is the *cartulaire* or notes regarding the construction of Notre Dame and no intimation is given of the architects, but it was projected in 1124 under Louis le Gros, and the corner stone laid by Pope Alexander in 1163 and finished in the thirteenth century, when the nave and present façade were built. Archbishop Maurice commenced the construction and suc-

ceeding bishops finished it. In 1223 the portal was finished. The chapel and the porch were done by Jean de Chelles about 1257. The lateral chapels were finished in 1275. The Sacristy was done by Lassus and Viollet le Duc.

## THE UNIVERSITY OF KANSAS

Lawrence, Kansas, April 30, 1920.

To the Editor of PENCIL POINTS:

A magazine primarily for architectural students and draftsmen has a splendid opportunity along educational lines. Draftsmen see the splendid success of some of our best known architects who are "office graduates" and feel that school training is unnecessary. They do not see the painstaking effort and study by which such success was attained. PENCIL POINTS could well point to draftsmen the desirability of education along broad lines. School students become enthused over "design" and are prone to neglect the practical side. PENCIL POINTS could point out to students the desirability of seeking summer employment in the offices of architects where they could begin to pick up the knowledge of working drawings and general office practice which they must have eventually to supplement their school work. A better understanding and more friendly spirit between draftsmen and students will improve office conditions and later professional relations. Let draftsmen remove the chips from their shoulders and students reduce the unjustified upward tilt of their noses. PENCIL POINTS can aid in a more harmonious attitude between the two elements from which the future practitioners of architecture will come.

Very truly yours,

GOLDWIN GOLDSMITH,  
Professor of Architecture,  
University of Kansas.

## COMPETITION FOR LIBRARY.

**T**HE Trustees of the Free Public Library of Jersey City propose to erect a new branch library building on the northwest corner of Bergen and Clinton Avenues, Jersey City. The dimensions of the site are approximately 10,000 square feet, having 100 feet frontage on Bergen Avenue and 100 feet frontage on Clinton Avenue. The sum available for the erection of the proposed building, exclusive of architect's fees, furnishings, laying out of grounds surrounding the building and grading the walks, is \$100,000.

The Trustees propose to select the architect for the new building by an anonymous competition. The competition is open to any architect without remuneration, except that the authors of the best five plans submitted shall each receive an award of \$250. This award in the case of the competitor who is selected as the architect of the new building shall be accounted as a first installment of his regular commission. Competition closes August 16th, 1920. For full particulars, address: Mr. E. W. Miller, Secretary, Free Public Library, Jersey City, N. J.