

THE AMERICAN SOCIETY

OF

Women Engineers

AND

Architects



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Lou Alta Melton .....President  
Hilda Counts ..... Vice-President  
Hazel I. Quick.....Secretary-Treasurer

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Addresses of Officers

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## THE AMERICAN SOCIETY OF WOMEN ENGINEERS AND ARCHITECTS

The American Society of Women Engineers and Architects was organized for the purpose of bringing all women interested in engineering and architecture into closer touch, with one another, for the advancement of engineering among women, the maintenance of a high professional standard among the members and endeavor to secure a more direct co-operation between the women in the work.

### There are Many Women in Engineering and Architecture

In December, 1918, the women engineering students at the University of Colorado desired to know the number of women in the United States pursuing the profession of engineering or architecture. These women wrote to all Universities and Colleges having engineering departments and obtained the names and addresses of women students and graduates. It was found that about two hundred women are now in the field of engineering

and architecture. This surprisingly large number reported led to the idea of a National Organization, and all girls with whom correspondence was carried on, expressed their desire for such an organization. Plans were then begun which were to be presented at this time in preparation for a National Society. The best advice possible has been obtained from experienced men and women in formulation of the Constitution.

### Membership

The selection of the membership of the Society has been left in the hands of the Board of Directors to guard against the taking in of members who might not properly represent what the Society really stands for.

In addition to the active members, who will be made up of women practicing, or soon to be practicing their profession as outlined by the Constitution, and for whom the Society was primarily designed, practically the same advantages are offered to the undergraduates, and the non-technical women of satisfactory attainment.

In short, in the origin of the Society, in the drafting of the Constitution, and the defining of the membership the main pur-

pose has been to carry out the objects of the organization as set forth in the Constitution of the Society in Article I, Section 2:

“Professional improvement of its members, encouragement of social intercourse among them, and advancement of women in engineering and architecture.”

### Management

The management of the National Society shall be accomplished by means of a Board of Directors, and committees, through correspondence, and by means of the Publication and of the Society.

### Local Societies

Local Societies may be formed in every school which has sufficient numbers if they so desire. These organizations would be worked out on the plans for helping new girls, social enjoyment of the members and meetings, and should be of great assistance individually as well as being of great aid to the National organization by working as a group.

The Universities of Kansas, Michigan, Ohio, Illinois, Cornell, Minnesota, and several other schools have a sufficient number to have local societies. A girl need

not be a member of any local society to become a National member, however.

While these plans of organization may seem too elaborate for the little time a woman student engineer may give to the Society, the actual work is divided among as many as possible, that no one may be burdened, and that each may have some degree of self expression and development. Who shall say that a woman ambitious enough to pursue engineering, during her life of four years at a University, surrounded on all sides by challenges to student activities shall find no place on her schedule of initiative and preparation for aiding in future endeavors of other women and in the advancement of her profession among women?

### The Publication

A regular publication managed by an Editorial Staff and supported by articles of interest from the different schools will consist of technical papers, personal experiences and news, social activities and in general will be a means of communication.

### The Pin

The National emblem is very attractive and significant. Special effort was made



by several designers to get a neat, small, attractive pin, which could be easily distinguished from the million and one common society pins seen everywhere.

Our pin is made in the shape of a shield with a heavy bevel edge, and slightly convex in the center. The words "American Society of Women Engineers and Architects" are made of black enamel, and placed on the shield. At the top is a head of a column representing the architects, and at the bottom the head of a transit represents the engineers.

The pin is well-made of 14-k. gold with a safety clasp, and is a pin any girl would be proud to wear.

## CONSTITUTION

### Article I.—Name and Objects.

Section 1. Name. The name of this organization shall be the American Society of Woman Engineers and Architects.

Section 2. Objects. Its objects shall be the professional improvement of its members, encouragement of social intercourse among them, and advancement of women in engineering and architecture. Among the means to this end shall be the holdings of meetings and the publishing of such papers, discussion and communications as may seem expedient, and by personal letters.

### Article II.

Section 1. Requirements. Any woman who is a student or a graduate of engineer or architecture or engaged in scientific work related to engineering shall be eligible to membership.

Section 2. Classes of Membership. The membership of this society shall consist of Active and Honorary members.

Active membership shall consist of either:

- (1) A woman in the engineering or ar-

chitectural profession, who at the time of admission to membership shall have been in active practice for at least two years; one year in an engineering school of recognized standing shall be equivalent to one-half year's actual experience.

(2) A woman who has been graduated from an engineering school of established reputation.

(3) A woman who is a senior or junior in an engineering or architectural school of recognized standing.

### Section 3. Honorary Members.

An Honorary member shall be a person who has rendered acknowledged eminent service to the advancement of architecture or engineering among women.

### Article III.—Admission to Membership.

Section 1. Membership shall be by application only.

Section 2. The name of a prospective member must first be submitted to the Board of Directors on a properly filled-out membership blank. Application for membership shall embody a concise statement, with dates of the candidate's professional training and experience, and shall be in a form and in such detail as may be prescribed by the Board of Directors. It

shall be signed by the applicant, and shall contain a promise to conform to the requirements of membership, if elected. The applicant shall furnish three references, preferably members to whom she is personally known, an engineer in good standing, or a faculty member.

The Board of Directors shall carefully consider the information on the membership blank, acquire such additional information as may be deemed necessary, consider all carefully and transmit same to the secretary with recommendation. If majority of board are in favor the secretary will extend invitation to the proposed member with a qualification blank. The proposed member must properly fill out the qualification blank and return it within thirty days, accompanied by the entrance fee. The applicant is then a member.

### Article IV.—Dues.

Section 1. The entrance fee, payable on admission to the organization shall be two dollars (\$2.00).

Section 2. The annual dues, payable by members, shall be two dollars per year in advance.

Section 3. Persons elected after six months of any year shall have expired,



shall be required to pay only one-half of the amount of dues for that year.

Section 4. Any member who is in arrears for six months for all or any part of her dues, may be dropped from membership as delinquent by the Board of Directors. She may be reinstated upon payment of all back dues.

Section 5. Honorary members shall be exempt from the payment of any fees.

#### Article V.—Officers.

Section 1. The officers of the society shall be a President, a Vice-president, a Secretary-Treasurer, and three Directors, who together with the latest Past-President, shall constitute the Board of Directors, in which the government of the society shall be vested.

Section 2. Term of office of all officers shall be two years.

The term of office shall begin September 1st following their election and shall continue for period named above or until successor is duly elected.

Section 3. The President shall be ineligible for re-election to the same office until at least a full term shall have elapsed after the end of her term.

Section 4. A vacancy in the office of

President shall be filled by the Vice-president. All other vacancies shall be filled by the Board of Directors for unexpired term.

Section 5. No officer shall receive, directly or indirectly, any salary or compensation from the organization.

#### Article VI.—Election of Officers.

Section 1. The President, shall appoint, subject to the approval of the Board of Directors, five members to constitute the Committee of Tellers. This committee shall be appointed, if possible, from any one school, by letter to the Secretary, who shall notify the members thereof.

Section 2. During the first week in February of each odd numbered year the Secretary shall mail or deliver to each member of the organization a form showing the offices to be filled at the ensuing annual election in May, and a copy of this and the next section of this article, with the request that nominations be made for the various offices to be filled. These nominations shall not be signed, and shall be enclosed in an envelope, identified on the face by the name of the sender and mailed to the Secretary prior to March 1. The nomination ballots shall be counted and canvassed by the committee, after first eliminating the ballots of members who



are delinquent or otherwise disqualified from voting.

Section 3. The Committee shall submit to each member of the Board of Directors a classified list of all nominations received and the number of votes for each, omitting, however, any names which has not received a number of votes amounting to at least three per cent (3%) of the total number of ballots received. The Board of Directors shall remove from the list the name of any member who is ineligible to the office for which she has been nominated, and the remaining names shall be listed on the election ballot, candidates for the same office being listed in the order of the number of nomination votes received opposite each name.

Any nominee may, prior to the printing of the ballots, withdraw her name by written request to the Secretary, whereupon that fact shall be suitably indicated upon the ballot.

Section 4. The voting for each office shall be restricted to the nominees for that office as printed on the ballot. The ballot, together with an envelope on which shall be printed the title of the society, the name and address of the Secretary not later than the first of April, to every mem-

ber, together with a copy of this and the following section of this article.

Section 5. All names voted for shall be written, printed or otherwise marked on a single ticket or ballot, which shall be enclosed in a sealed, unmarked and unidentified inner envelope of any suitable character, which shall in turn be inclosed in the "official voting envelope" (received from the Secretary). The outer envelope shall be identified by the name of the sender on its face, shall be sealed, and in order to be counted, shall reach the Secretary not later than the first day of May.

Section 6. The committee shall meet as soon after the first day of May as possible, and shall also make a written report of the number of ballots received on and before, and after the first day of May, stating which of these ballots are void. The committee shall proceed to count the vote, after first eliminating the ballots of members who are delinquent or otherwise disqualified from voting, and shall prepare and sign in duplicate a report of the results of the vote, which shall be sealed and of which one copy shall be filed with the Secretary, and of which the other copy shall be sent by the chairman of the committee to the President of the society, who



shall cause the report to be published and shall declare duly elected and eligible persons receiving the greatest number of votes for the respective offices.

#### Article VII.—Duties of Officers.

Section 1. The affairs of the organization shall be managed by a Board of Directors under this Constitution. This board shall consist of President, Vice-president, Secretary-Treasurer, three Directors, and latest President.

Section 2. The Board of Directors shall pass upon all application for admission, act upon all questions of expulsion of members, and in general shall direct the business of the organization.

Section 3. The President shall have general supervision of the affairs of the organization.

Section 4. The Secretary-Treasurer shall conduct the correspondence of the organization and shall keep full records of same. She shall collect and have charge of all funds and deposit the same to the credit of the organization. She shall pay all bills duly approved by the President, and keep book-accounts of her receipts and expenditures. She shall present for pub-

lication in each regular issue of the official publication a statement of the financial condition of the organization. She shall make an annual report, and such other reports as may be required.

Section 5. The Vice-president shall perform the duties of President in case of vacancy and help the President when requested by her.

#### Article VIII.—Amendments.

Section 1. Amendments to this Constitution may be proposed by means of a petition signed by not less than ten members and received by the Secretary not later than February 1; or by means of a Resolution adopted by the Board of Directors, not later than February 1. A copy of such proposed amendment or amendments shall be mailed, with a letter ballot, to each member, not later than sixty (60) days before the biennial election in May.

Section 2. Votes to be considered, shall be written or printed and received, through the mail or otherwise, by the Secretary not later than the first day of May. The Secretary shall hand these votes unopened to the committee of tellers, which shall count such votes and make a report to the Board of Directors in duplicate of which

one copy shall be filed with the Secretary, and of which the other shall be filed with the President of the society, who shall cause the report to be published. If the total vote be not less than twenty per cent. (20%), of the total membership of the society, and if seventy-five (75%) or more of all the members voting shall declare themselves in favor of the proposed amendment or amendments, the same shall become a part of the Constitution.

Section 3. Amendments shall take effect thirty (30) days after their adoption, but officers of the society at the time any amendment becomes effective shall continue in office until the end of the terms for which they were elected.

Section 4. Without changing their meaning the Board of Directors may number, and from time to time re-number, the various sections of the Constitution so as to serve the purpose of ready reference thereto.

Section 5. The Secretary shall print copies of the amendments as soon as practicable after adoption, and distribute the same to members.

## WHAT SOME WOMEN ARE DOING IN ENGINEERING

Miss Edith Clarke, Brookline, Mass., graduate student of Electrical Engineering, Massachusetts Institute of Technology.

Miss May E. Cook, graduate Ceramic Engineering, Cornell University. Now engaged in making models for replacement of disfigured faces of soldiers who were wounded in war.

Miss Victoria Copeland, graduate University of Michigan; now drafting for J. G. White & Co., New York City.

> Miss Hilda Counts, graduate Electrical Engineering University of Colorado, 1919; now with the General Electric Co., Pittsburgh, Pa.

Kate Gleason, graduate Mechanical Engineering '88, University of Cornell; now secretary of the Gleason Works, Rochester, N. Y.

> Miss Charlotte Goff, graduate University of Michigan, 1915; now designing reinforced concrete work, Trussed Concrete Steel Co., Youngstown, Ohio.

Mrs. Eugene C. Hamill, graduate Uni-



versity of Illinois, 1916; now with the Decatur Bridge Co.

Miss Dorothy Hanchett, graduate University of Michigan, 1917; with City Engineer, Flint, Michigan.

Mrs. Jesse Hayes, Sanford University, California. China American International Trading Corporation, Shanghai, China.

> Miss Margaret Ingels, University of Kentucky; with the Carrier Engineering Co., New York City.

Miss Ginette Leclerc, Margaret Morrison Dormitory, Mellon Annex, 5052 Forbes St., Pittsburgh, Pa. Carnegie Institute of Technology. A French lady sent here by French High Commission.

> Miss Hazel Quick, graduate University of Michigan, 1915; statistical supervisor Michigan State Telephone Co., Detroit, Mich.

Edith Leonard, graduate Architecture, University of Michigan, 1906; practicing, State Life Bldg., Indianapolis, Ind.

Marie T. Maurer, from Paris, France; graduate Cornell University, 1922.

Miss Julia Morgan, graduate University of California, 1894; practicing architect in San Francisco, Merchants' Exchange Bldg.

Jane Rider, B. S. and C. E. degrees,

University of Arizona; with the American Red Cross, France.

Mrs. Stanley M. Udale, graduate of architecture, University of Michigan, 1909.

Miss Sibyl Walker, graduate Geological Engineering, Massachusetts Institute of Technology, 1918; 1205 East South Temple St., Salt Lake City.

> Miss Lydia G. Weld, graduate Naval Architecture, Massachusetts Institute of Technology, 1903.

Miss Alda Wilson, C. E. 1893, Iowa State College; now in charge of women's drafting room of Iowa State Highway Commission, Ames, Iowa.