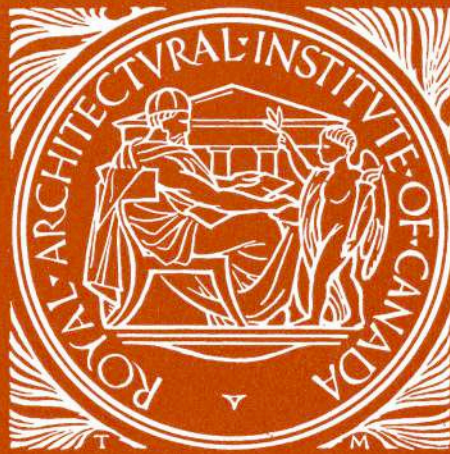


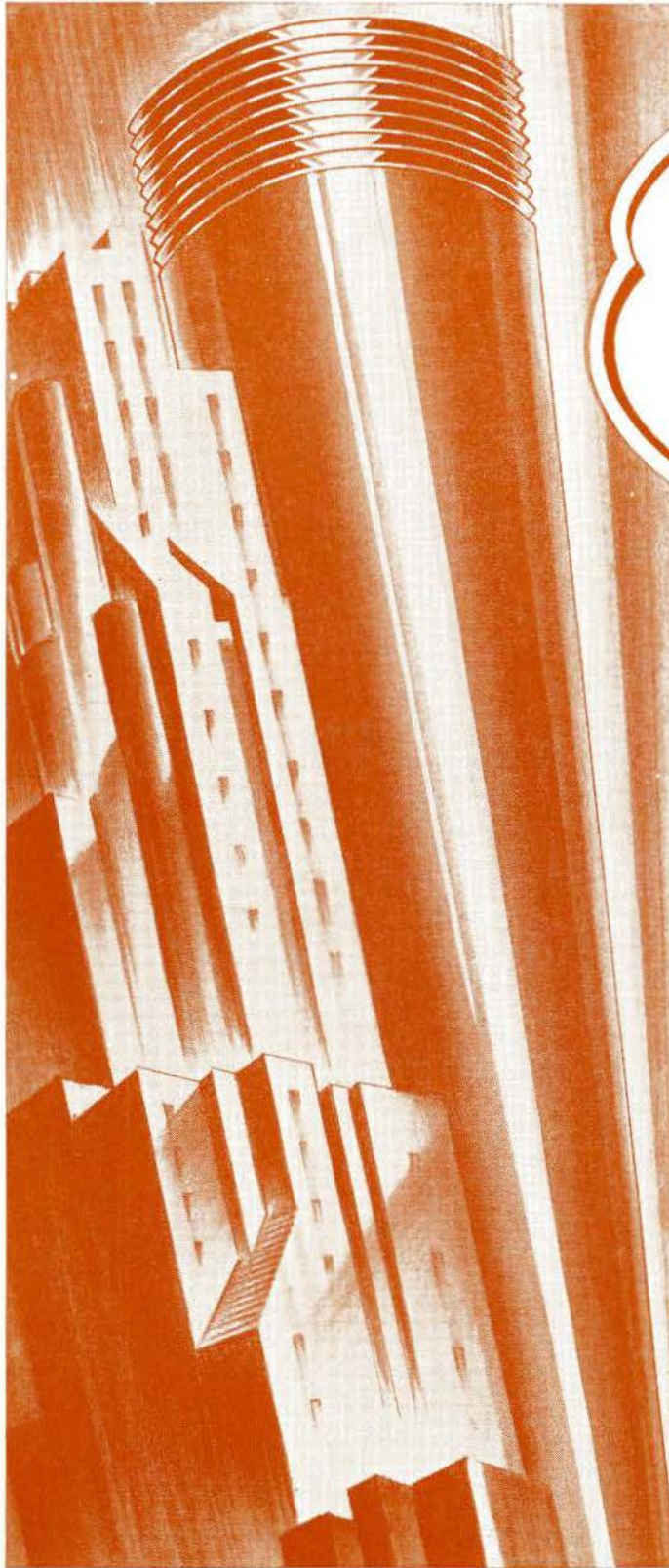
THE
JOURNAL
ROYAL ARCHITECTURAL
INSTITUTE OF CANADA



Vol. XIII, No. 5

MAY, 1936

TORONTO



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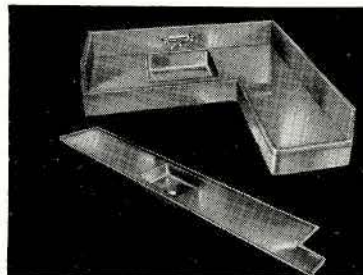


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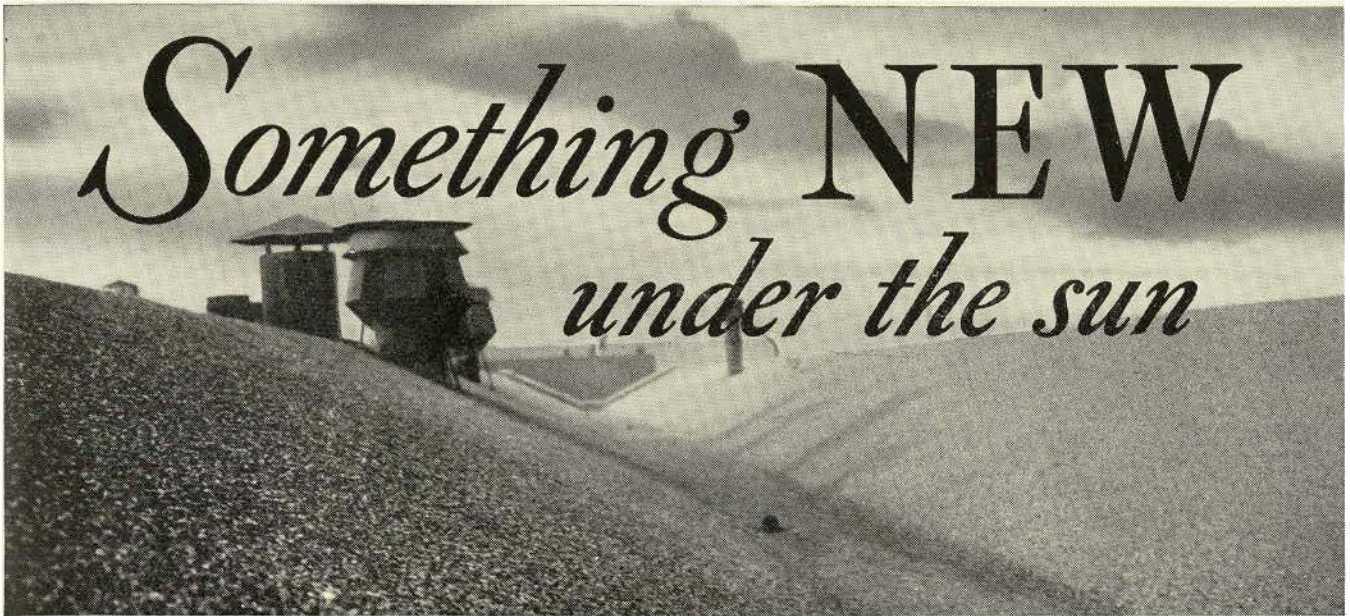
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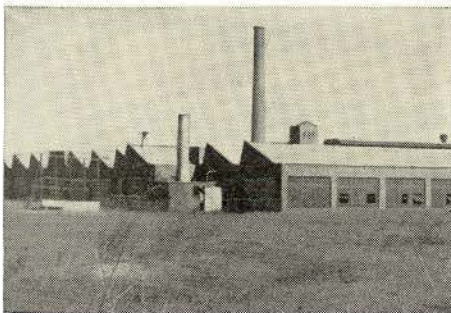
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*The Greatest Advance in Roofing
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"Between the world and the
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For years the roofing industry has sought a long-life roof for steep-roof buildings. Barrett Steep Roof Pitch, a new and revolutionary product, now provides a complete solution to this problem.

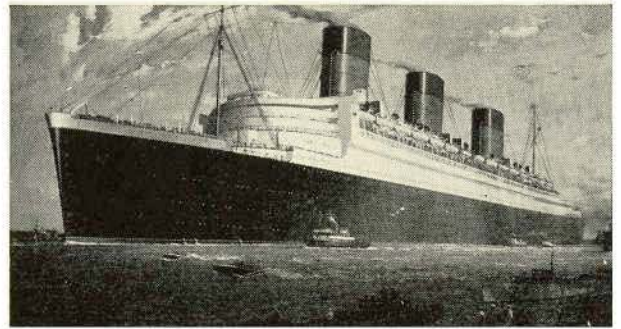
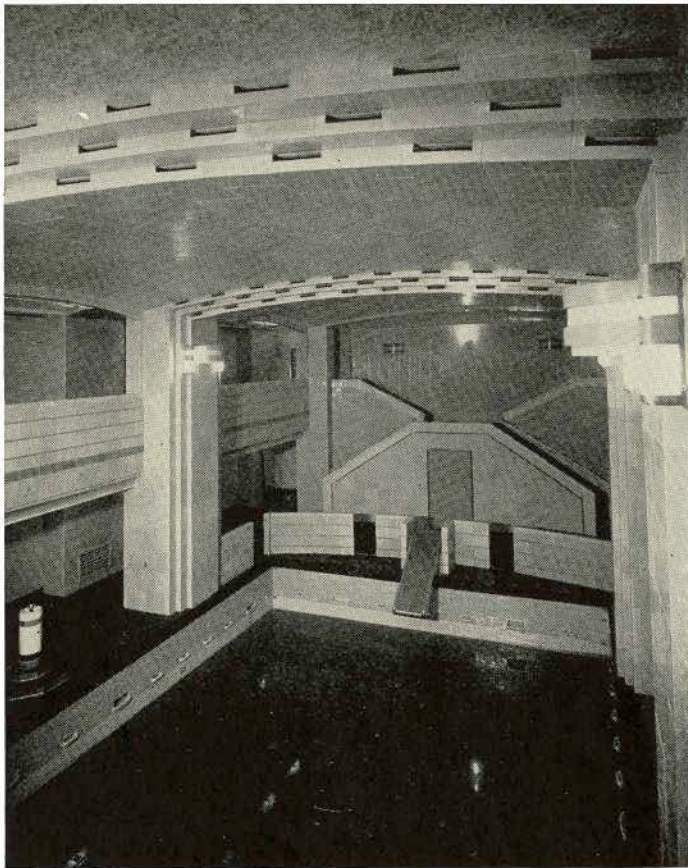
Developed after years of painstaking research and experiment, Barrett Steep Roof Pitch combines all the unmatched waterproofing and weatherproofing characteristics of coal-tar pitch with the *unusual stability* demanded by steep roof construction.

Barrett Steep Roof Pitch will not slide or "bleed" at the highest temperatures to which roofs are subjected. It is resilient and self-healing and will withstand intense cold without cracking or loss of bond. It holds gravel or slag firmly in place. When applied according to Barrett Specifications over an adequate roof deck and underlying construction, this type of roof is bonded against repair or maintenance expense for 20 years. For complete information consult your Barrett Approved Roofer or write us for detailed specifications.

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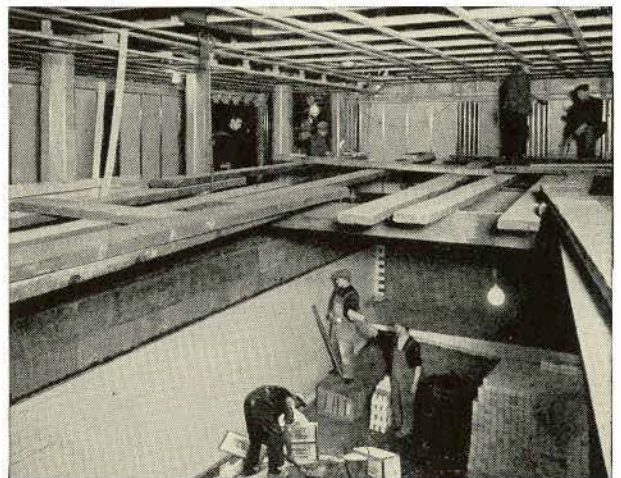


The Swimming Baths on the new Cunarder "QUEEN MARY"

Left—Cabin Class
Below—Tourist Class

AN EXAMPLE OF ALL THAT IS BEST OF BRITISH MATERIALS AND LABOUR

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Good heating is insurance that good buildings deliver the satisfactions implicit in good design.

Dunham Differential Heating makes good buildings "feel" better. Mild weather brings no fatiguing surplus of heat, cold weather no chilly shortage. Steam flow is continuous but steam *temperature and volume* vary imperceptibly in step with the need for heat.

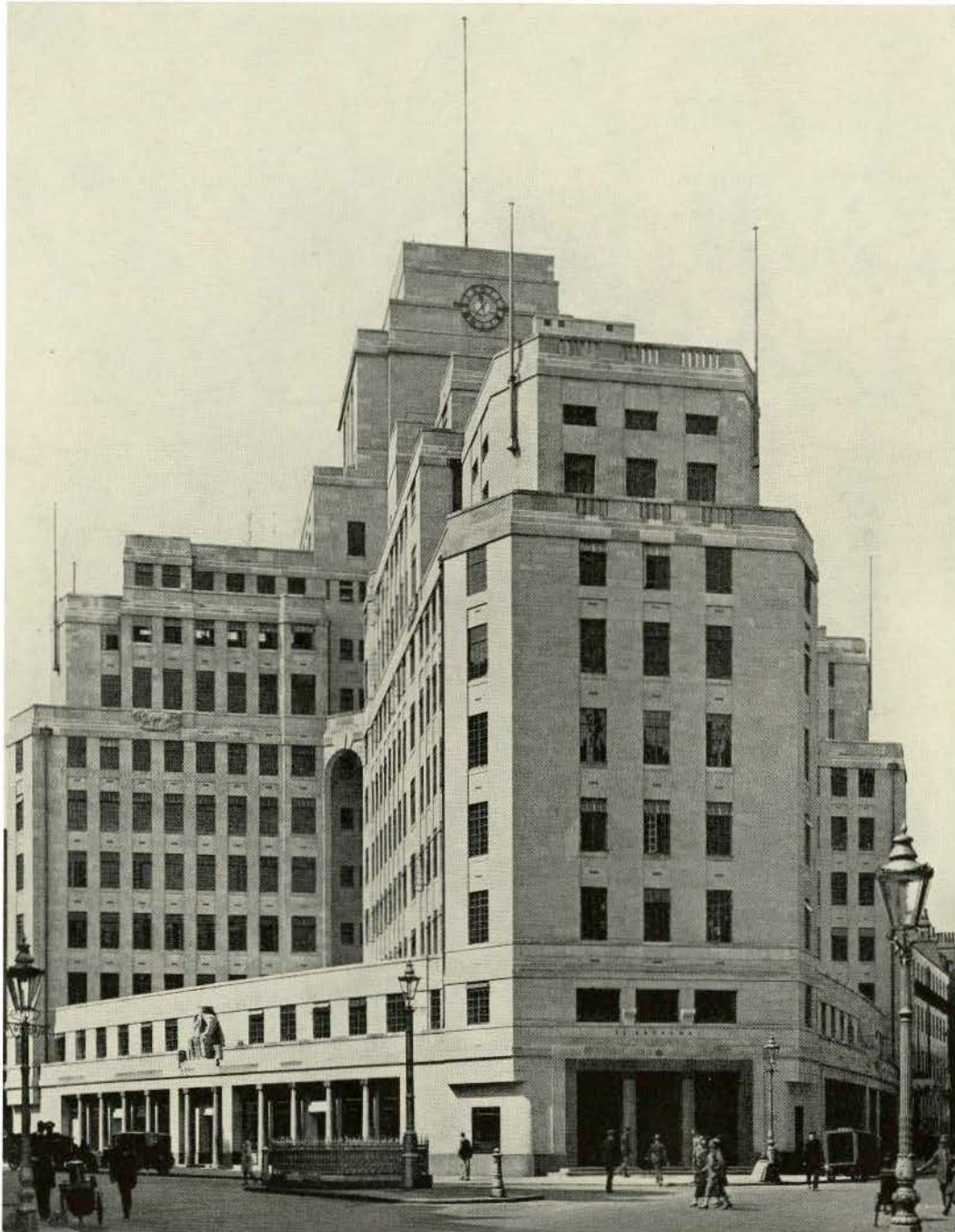
Such heating does not attract occupant attention. Comfort is unobtrusive. But to the owner it means less human friction and lower fuel bills. And to the architect it means a greater delivery of satisfactions for his services.

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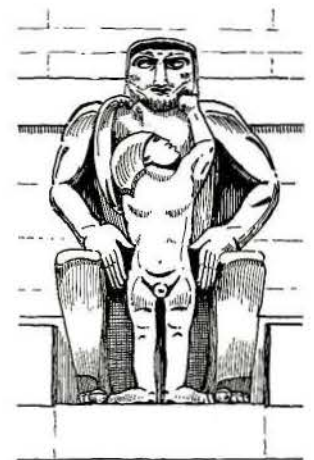
Architects, Adams, Holden and Pearson

No finer example in all London than this massive building showing the use of stone as applied to modern architecture. The various set-backs are exceptionally well handled, producing an eye-arresting effect in general and a sense of beauty and strength in particular.

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RITCHIE CUT STONE CO. LIMITED
 1221 Bay Street - - Toronto

This is No. 5 of a series of advertisements to bring to the attention of Canadian architects outstanding examples in cut stone as used in British and foreign architecture.



Sketched is one of the very interesting figures sculptured in stone and placed over entrances and cornices. The sculptor is Jacob Epstein and the subject "Day."

THE JOURNAL

ROYAL ARCHITECTURAL INSTITUTE OF CANADA

Serial No. 129

TORONTO, MAY, 1936

Vol. XIII, No. 5

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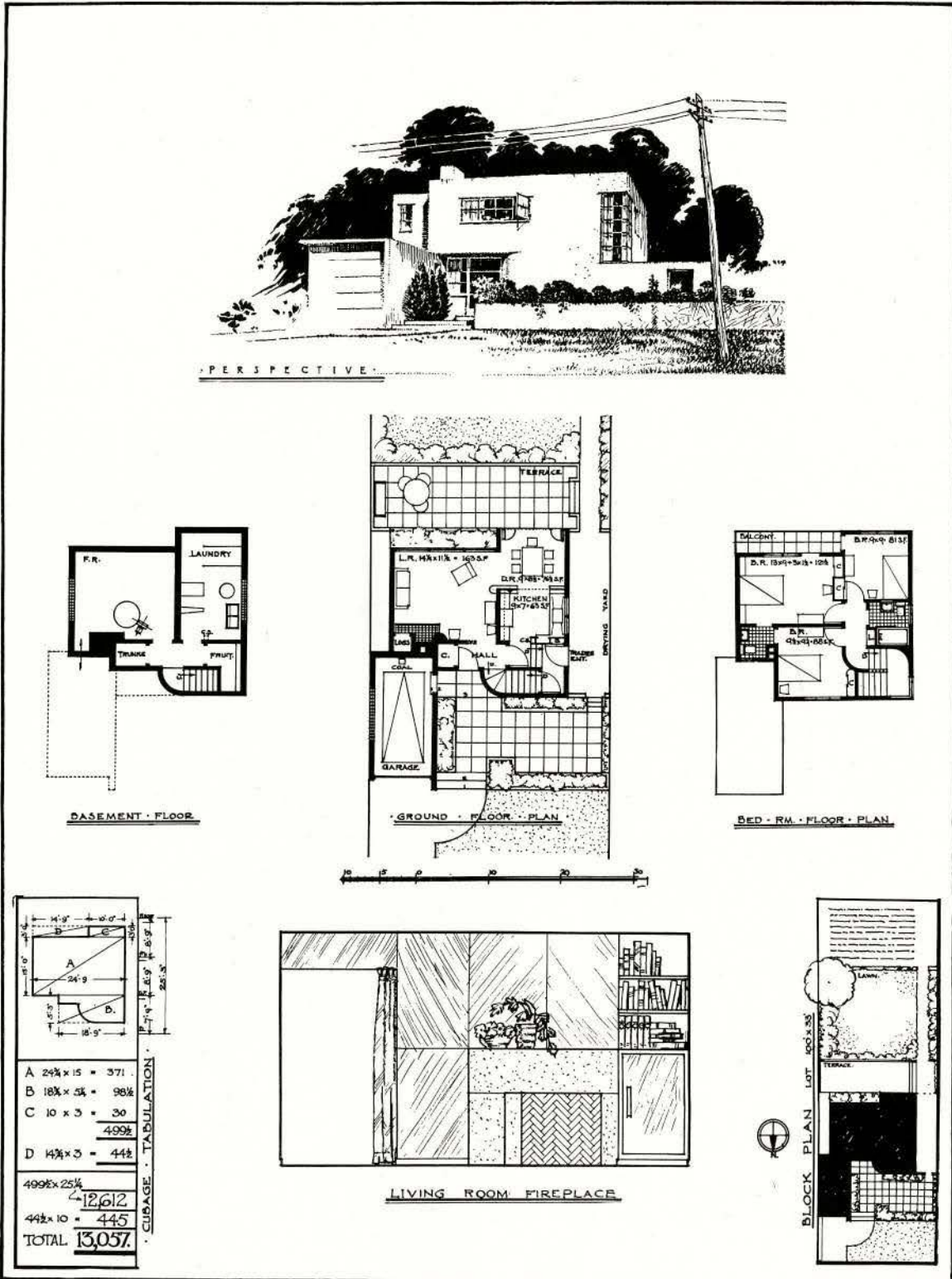
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FIRST PRIZE — DOMINION HOUSING ACT SMALL HOUSE COMPETITION

W. Ralston, M.R.A.I.C., Toronto

The lower storey of the garden front is nearly all glass. The balcony is to protect living room window from summer sun, and if storm sash were made to enclose the bed of flowers outside, flowers could be grown there all year round. The sliding sash in dining room compensates for the absence of a covered verandah.

AWARDS IN DOMINION HOUSING ACT SMALL HOUSE COMPETITION

DURING the latter part of February, the Minister of Finance announced an architectural competition for the purpose of securing minimum cost house designs to be built according to the minimum standards of construction and eligible to be financed under the Dominion Housing Act.

All registered architects in Canada were invited to submit designs in the competition, the conditions for which were prepared by Messrs. R. H. Macdonald, F.R.A.I.C., A. J. Hazelgrove, M.R.A.I.C., F. W. Nicolls, M.R.A.I.C., and approved by the Institute. The conditions were as follows:

The house is to meet the requirements of the average Canadian family and must contain at least three bedrooms.

No restrictions are placed upon the designer as to style, type, etc., except that the total actual cubic contents of the house, including covered porches, etc., must not exceed 17,000 cubic feet.

Special consideration will be given to the design which secures additional accommodation with the prescribed cubage or secures the essential accommodation with a smaller cubage.

The lot on which the house is to be situated is assumed to be a level inside lot, with a minimum frontage of 33' 0" or a maximum frontage of 50' 0", the depth of the lot is assumed at 100' 0".

It is not required that a garage be included, but consideration shall be given to the desirability of providing for a future attached garage which would not detract from the finished appearance. If the garage is included, its cubage need not be taken into consideration when calculating the cubage of the house.

The house is intended to be a minimum cost house. It is essential, therefore, that both plan arrangement and exterior design be plain and without costly construction or ornamentation. Special consideration will be given to designs embodying these principles.

The judges in awarding prizes will take into consideration the fact that different sections of Canada require different types of construction. Therefore, in order to give an equal chance to all designers, regardless of location, and to permit the design of houses of wood, masonry, or other construction, a first prize will be offered for the most meritorious design submitted, irrespective of type, and two second prizes and two third prizes, in the awarding of which consideration will be given to local types. The following were the prizes offered:

FIRST PRIZE—\$500.00	
SECOND PRIZE \$200.00	SECOND PRIZE \$200.00
THIRD PRIZE \$100.00	THIRD PRIZE \$100.00
10 HONOURABLE MENTIONS AT \$50.00 EACH	

Competitors were subsequently advised that the question of orientation was left to their discretion, and that the computation for cubage was to be based on the cubic contents of the actual space enclosed within the outer surfaces of the outside walls, and contained between the outside of the

roof and the bottom of the basement floor slab; all covered porches, dormers, chimneys and bays were to be included at full cubage, and unexcavated areas, footings, outside steps, terraces, garden walls and parapet walls were not to be included in computing the cubage.

The competition closed on April 15th, 1936, and the five hundred and twenty-six designs submitted were judged in Ottawa on April 21st, 22nd and 23rd by a jury consisting of:

W. L. Somerville, F.R.A.I.C., president of the Royal Architectural Institute of Canada, Toronto; E. R. Arthur, M.R.A.I.C., Toronto; R. H. Macdonald, F.R.A.I.C., Montreal; Leopold Fontaine, M.R.A.I.C., Quebec; Ludger Venne, M.R.A.I.C., president of the Province of Quebec Association of Architects, Montreal; A. J. Hazelgrove, M.R.A.I.C., Ottawa; A. J. C. Paine, M.R.A.I.C., Montreal; F. W. Nicolls, M.R.A.I.C., Ottawa.

After due consideration had been given to the programme requirements and the designs examined and checked for cubage, the judges made the following awards:

First Prize—W. Ralston, Toronto, Ont.

Second Prize—John Fish, Montreal, P.Q.

Second Prize—Harold Greensides, Toronto, Ont.

Third Prize—Arthur W. Davison, Brockville, Ont.

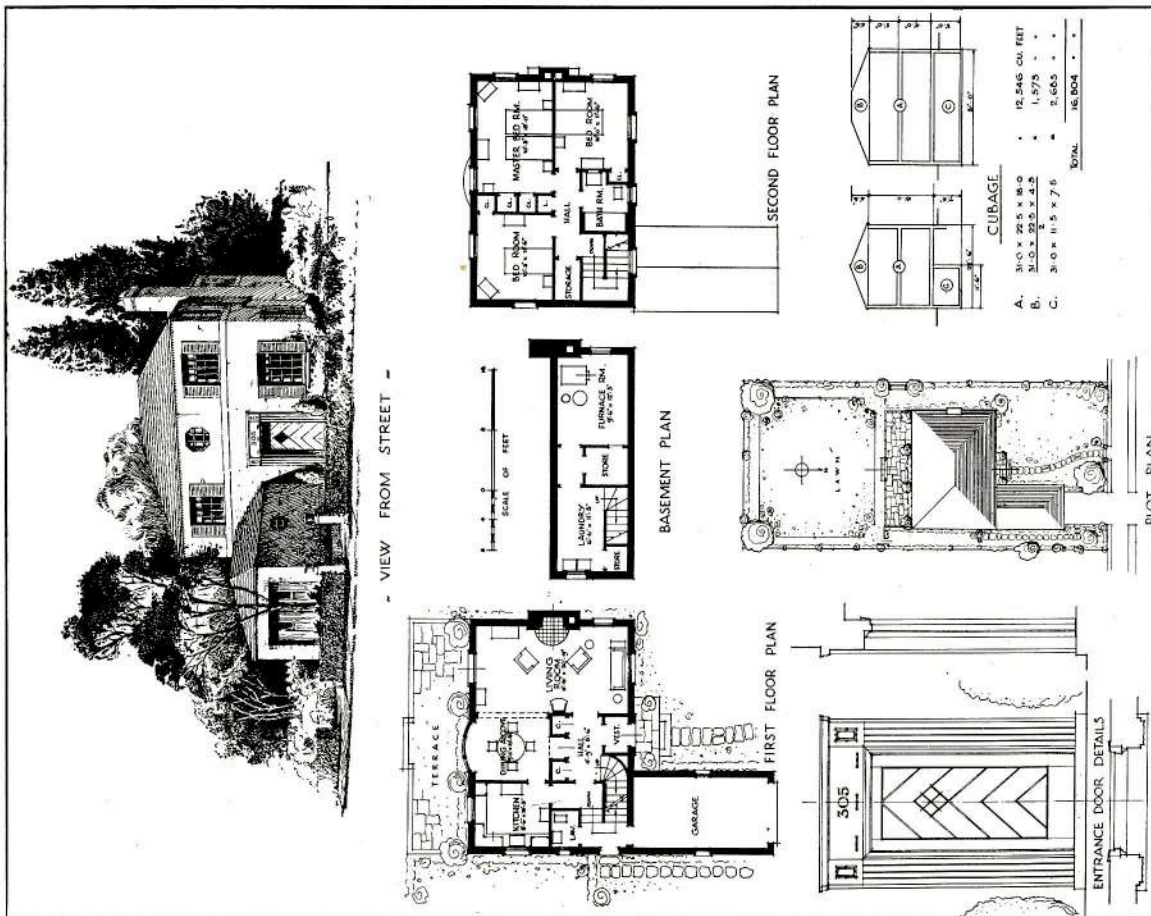
Third Prize—W. F. Williams, Nelson, B.C.

Honourable Mentions—W. J. Abra, Ottawa, Ont.; Richard E. Bolton, Montreal, P.Q.; P. Alan Deacon, Downsview, Ont.; R. G. Heughan, Montreal, P.Q.; H. Gordon Hughes, Ottawa, Ont.; Maurice D. Klein, Toronto, Ont.; Lorne E. Marshall, Montreal, P.Q.; Shorey & Ritchie, Montreal, P.Q.; A. H. Tremblay, Limoilou, P.Q.; W. F. Williams, Nelson, B.C.

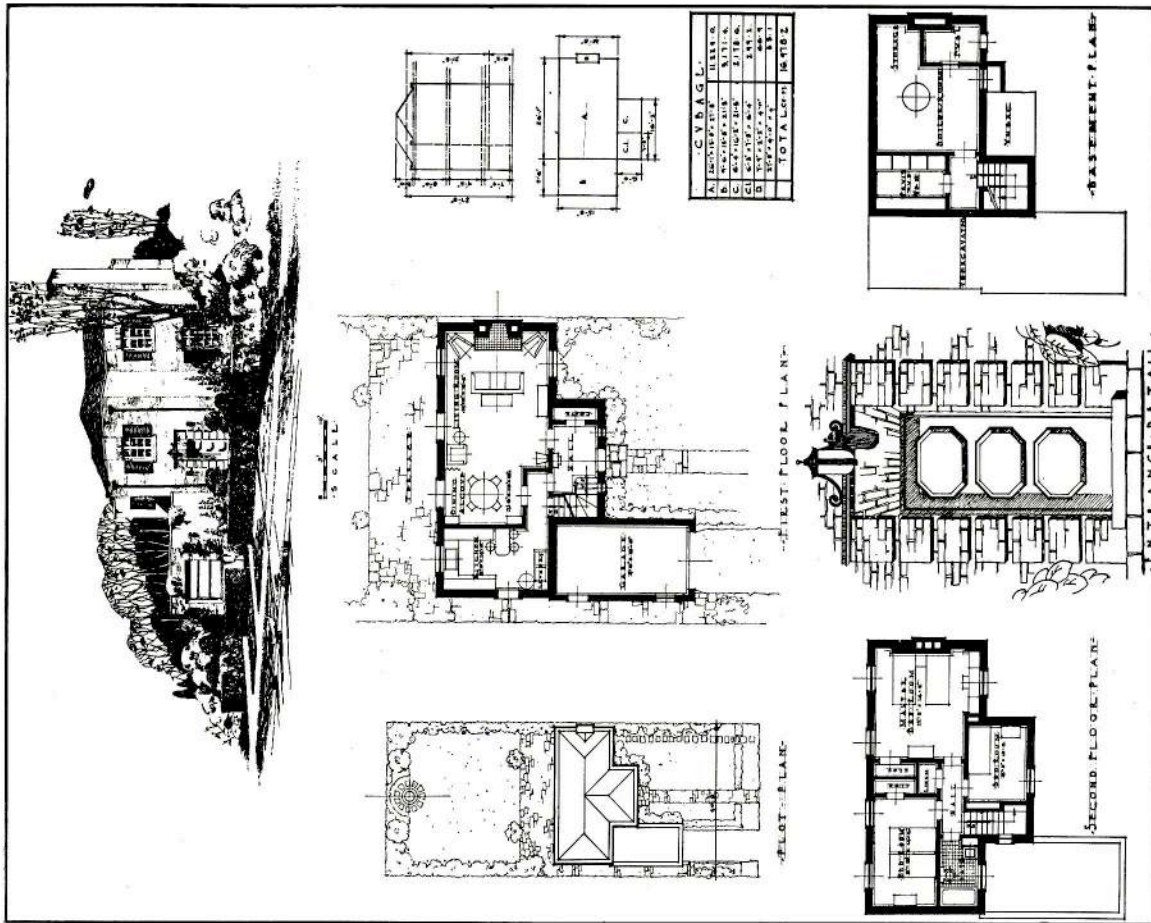
In submitting their report, the judges expressed satisfaction with the majority of the designs submitted which they considered contained the best elements to be found in recent domestic work, and were particularly gratified to find, when the sealed envelopes had been opened following the judging of the competition, that the designs represented the work of architects from every province in the Dominion.

In unanimously awarding the first prize to the design submitted by Mr. Ralston, the judges made the following statement:

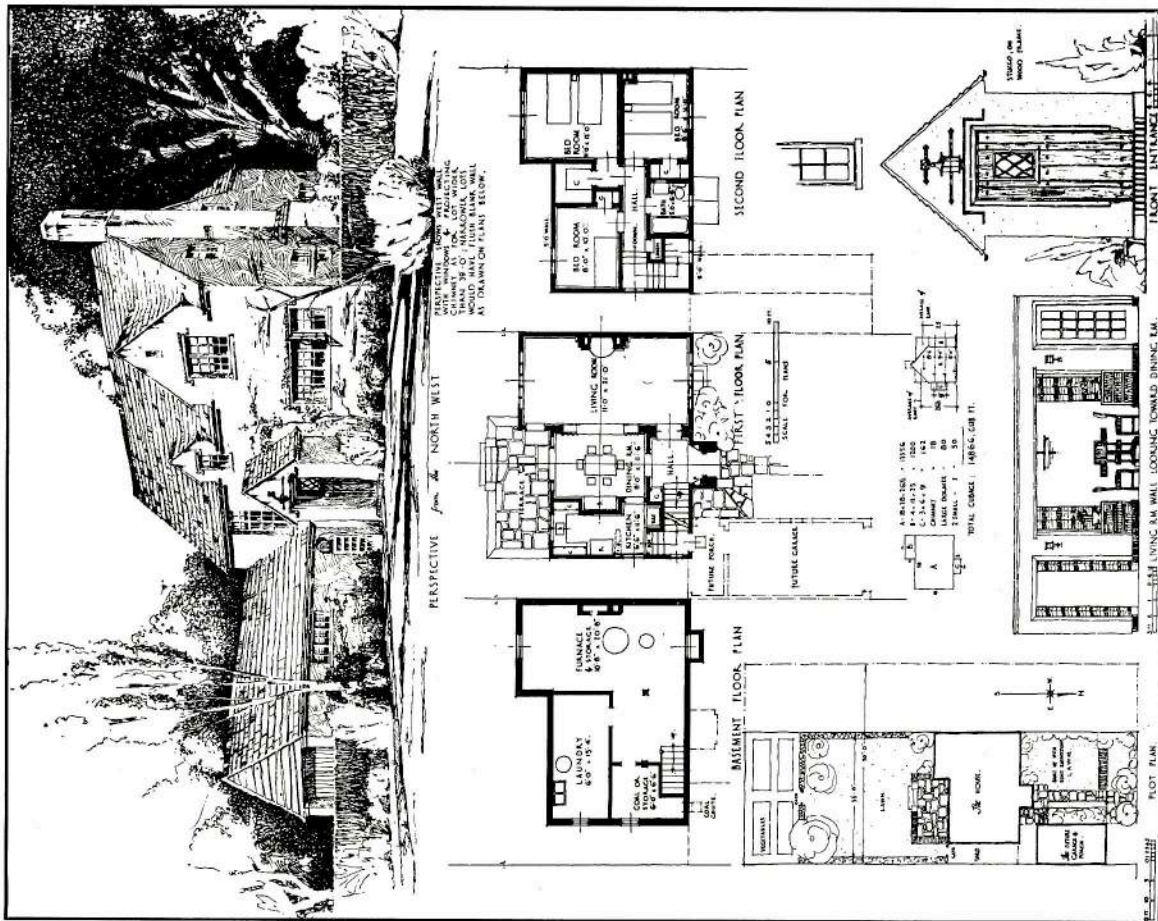
"Fulfilling all of the conditions of the competition regulations the winning design, while modern in atmosphere, shows in its plans a well-studied and straightforward arrangement of rooms



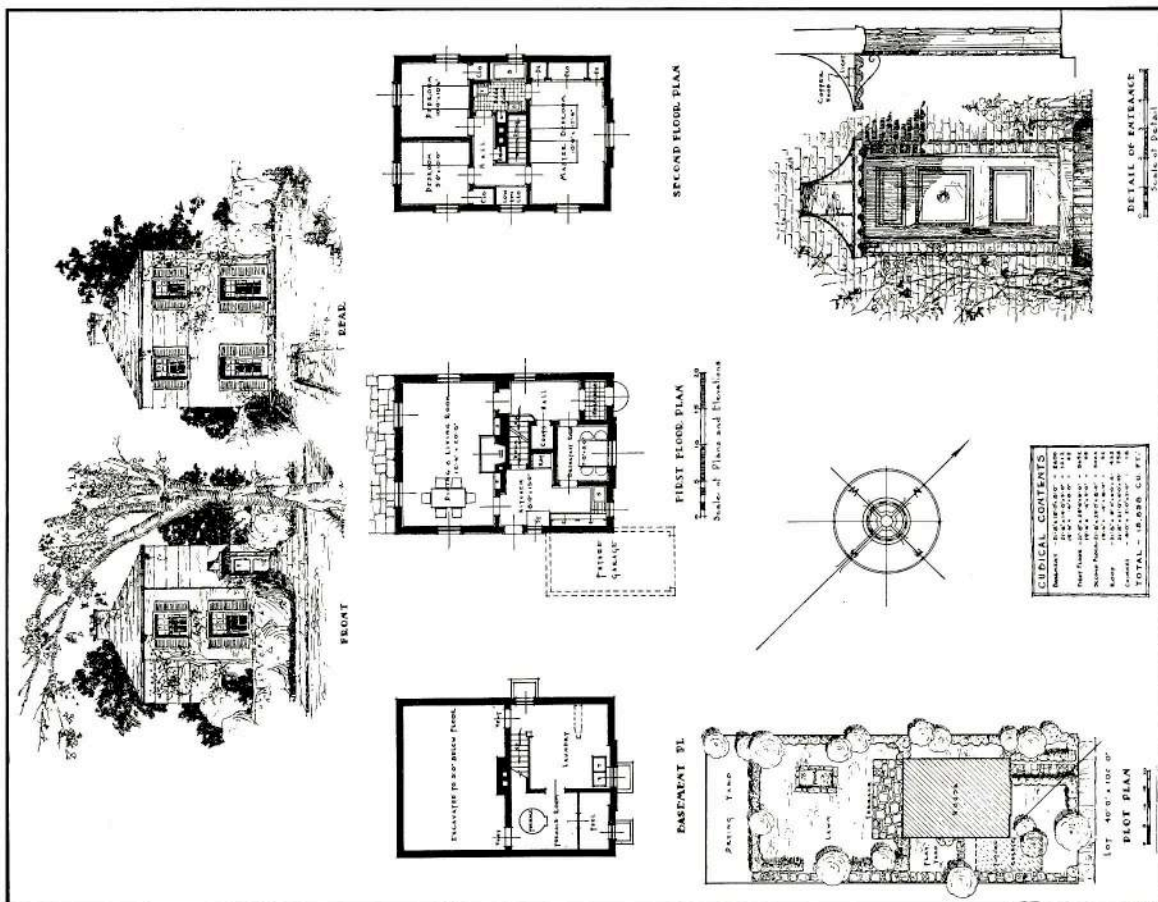
SECOND PRIZE — John Fish, M.R.A.I.C., Montreal, Que.



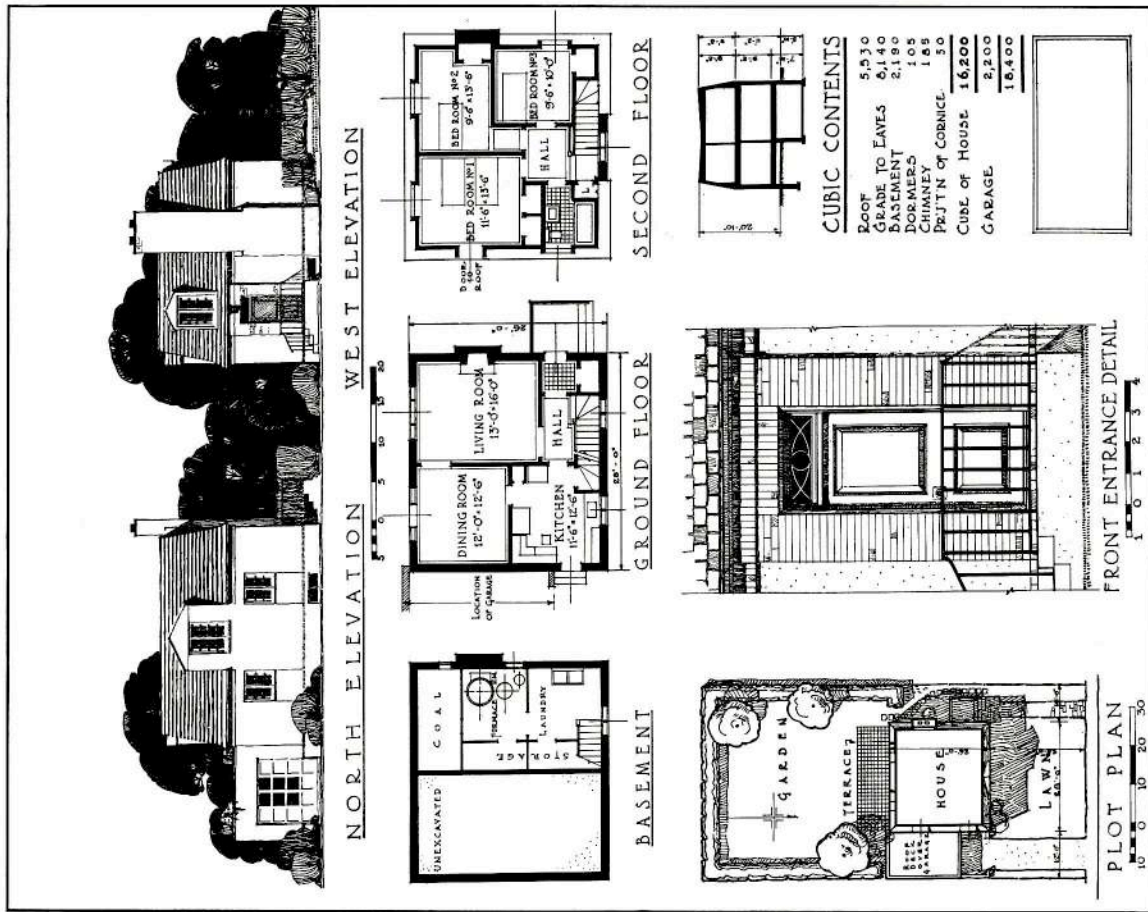
SECOND PRIZE — Harold Greensides, M.R.A.I.C., Toronto, Ont.



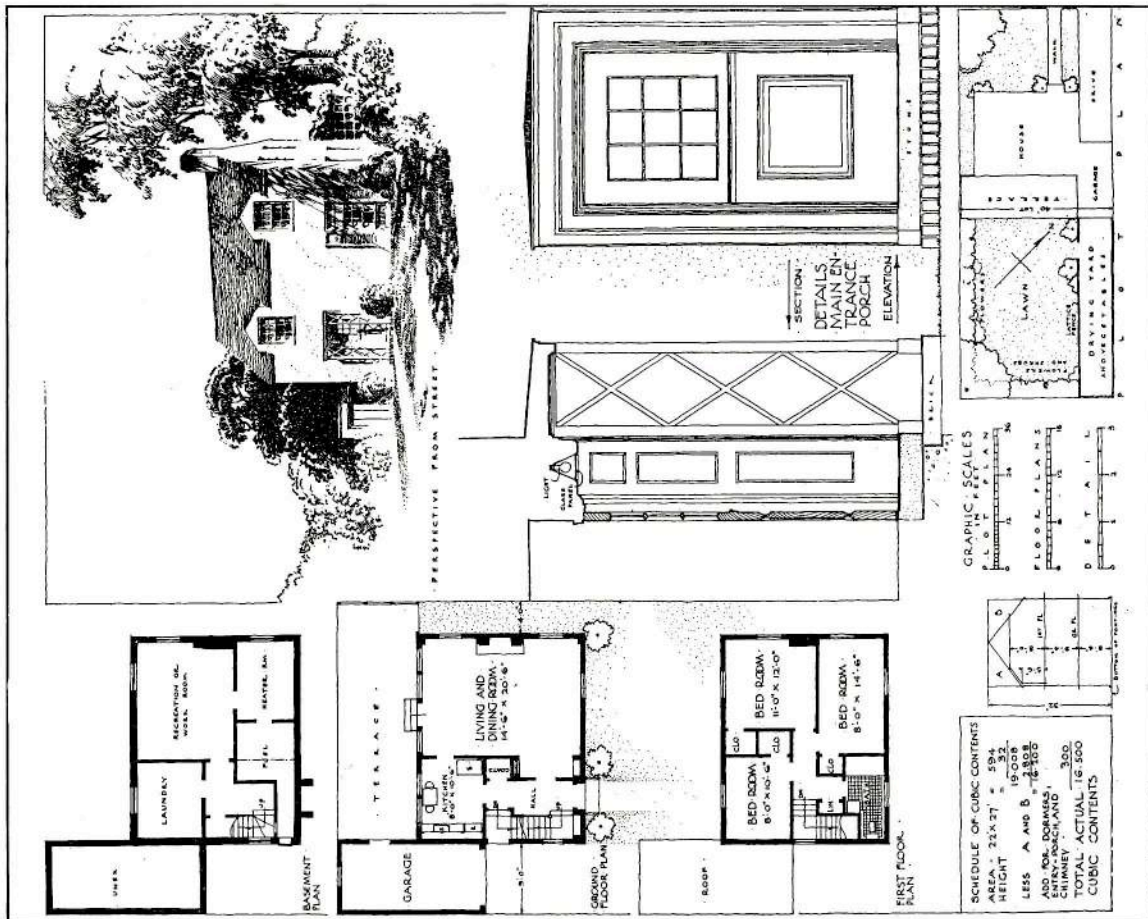
THIRD PRIZE — *W. F. Williams, M.R.A.I.C., Architect, Nelson, B.C.*



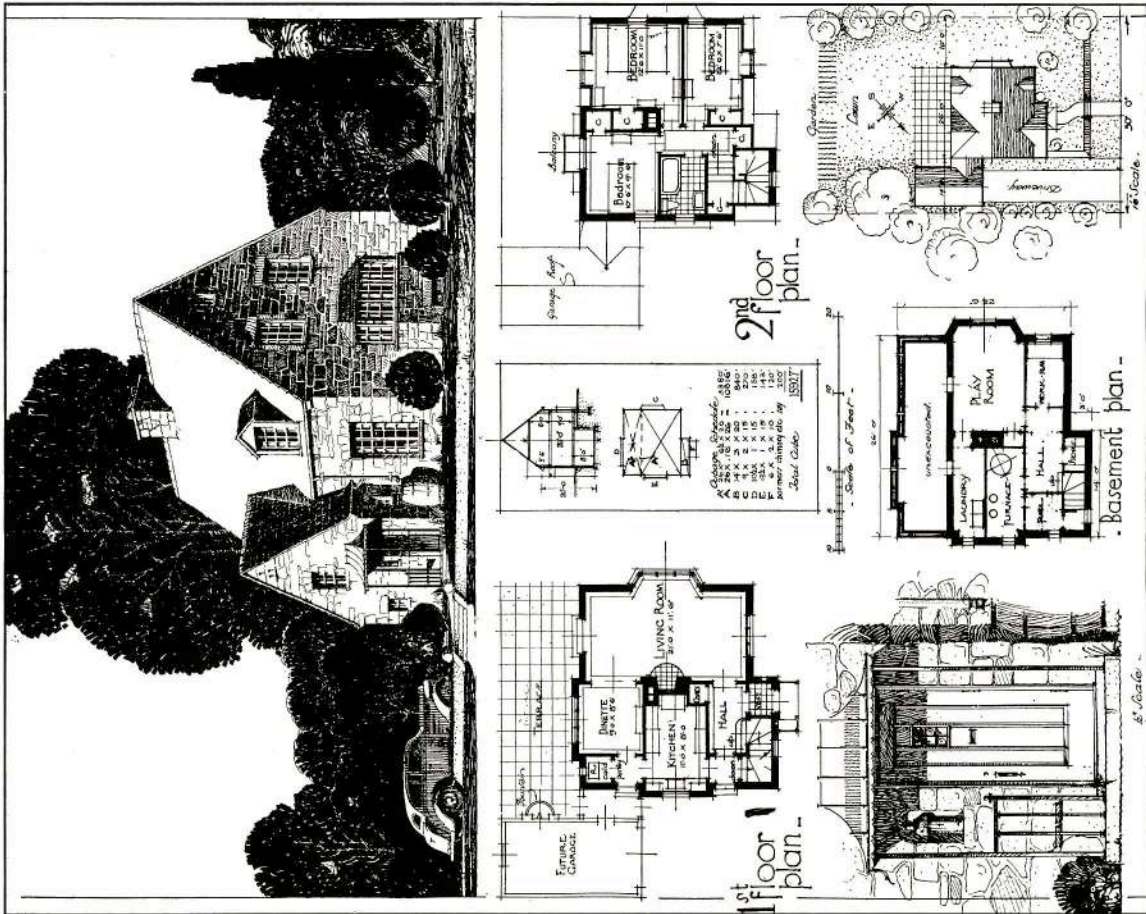
THIRD PRIZE — *Arthur W. Davison, M.R.A.I.C., Brockville, Ont.*



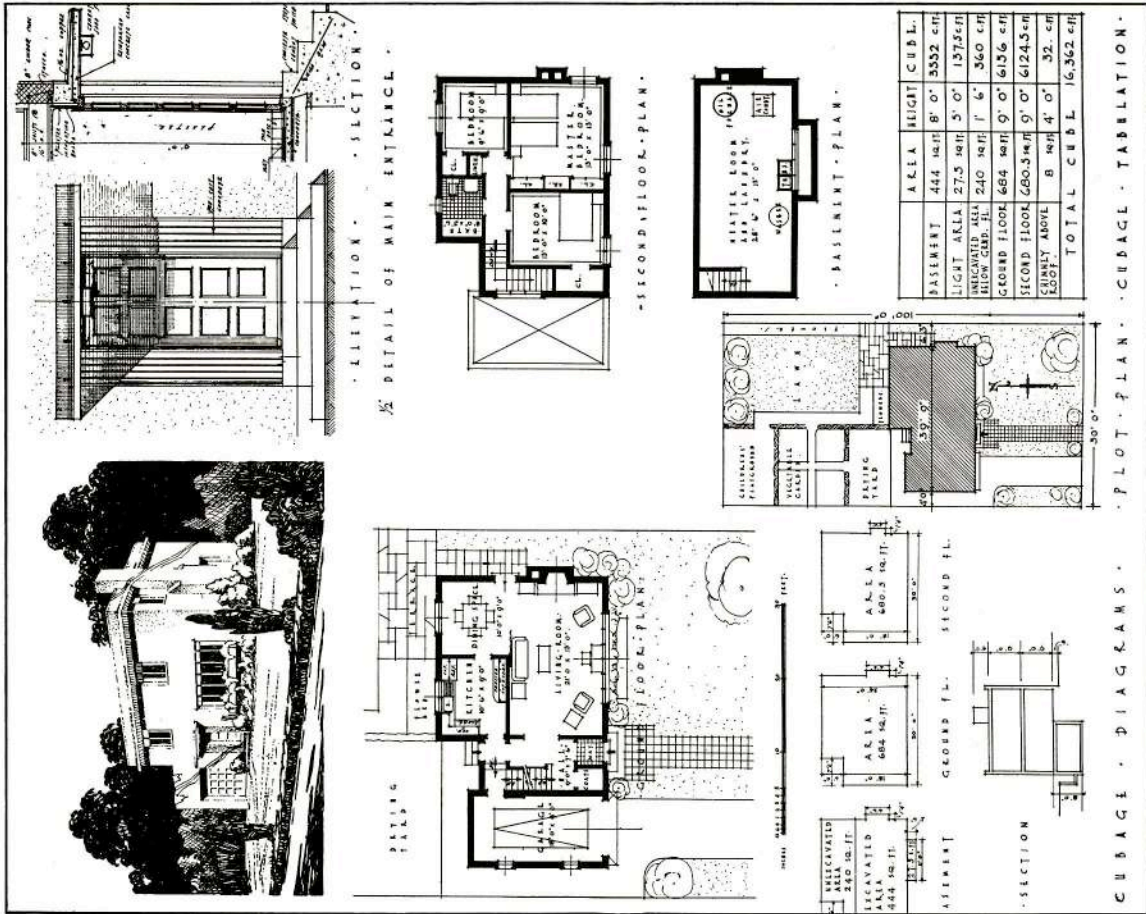
HONOURABLE MENTION — Richard E. Bolton, M.R.A.I.C., Montreal, Que.



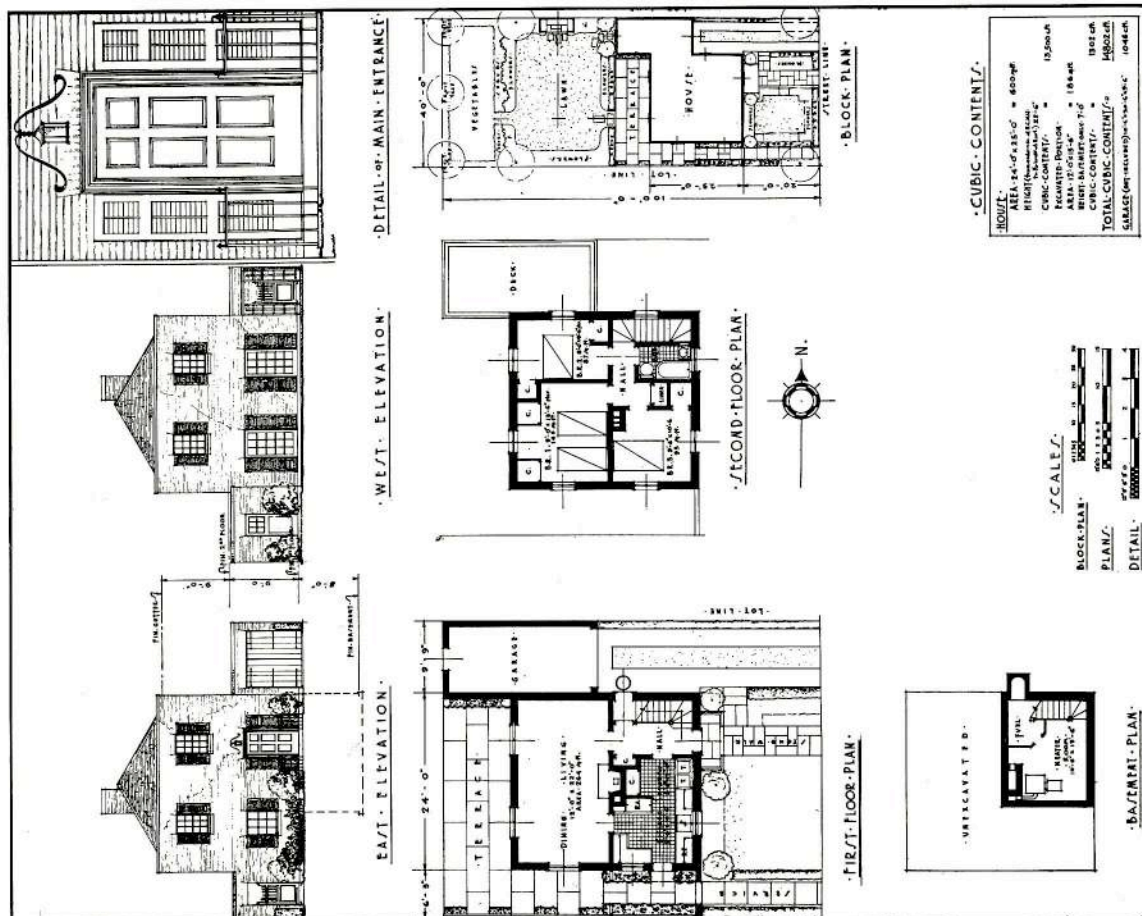
HONOURABLE MENTION — W. J. Abra, M.R.A.I.C., Ottawa, Ont.



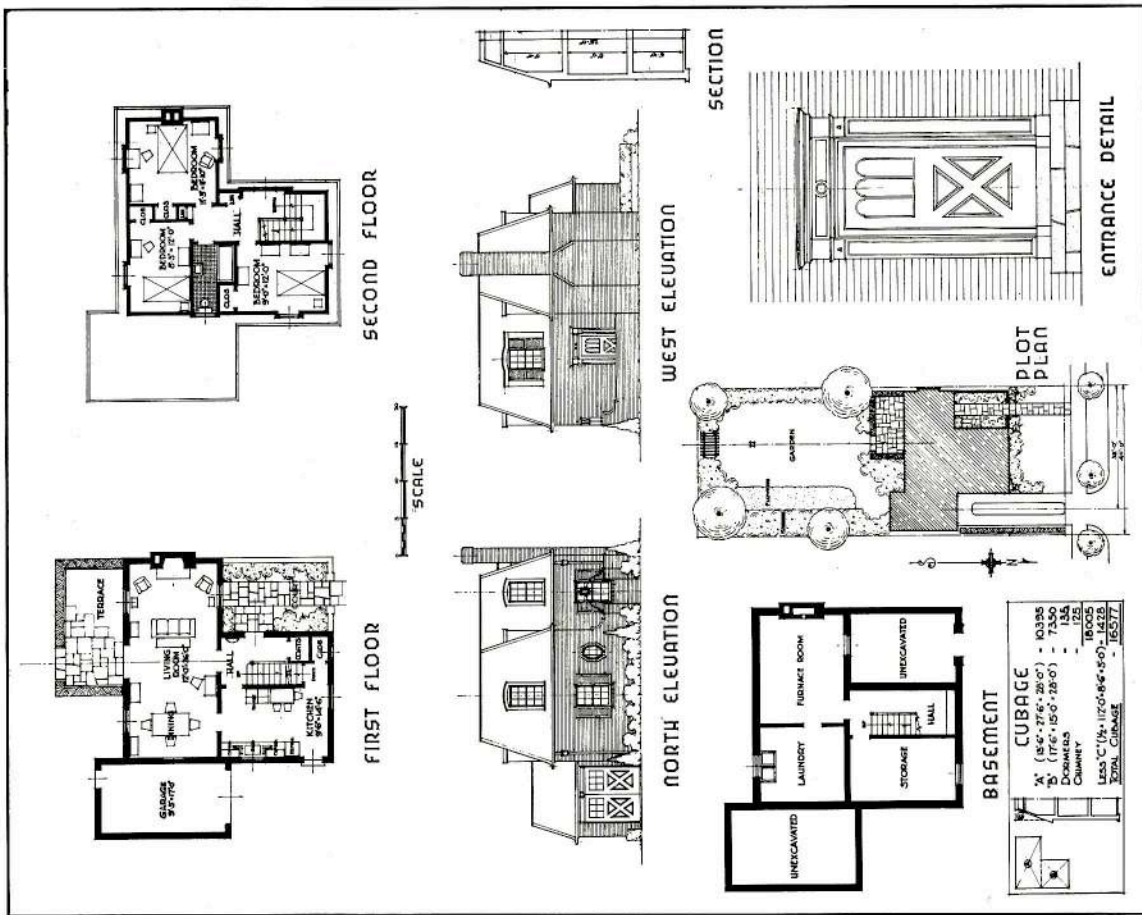
HONOURABLE MENTION — R. G. Heughan, M.R.A.I.C., Montreal, Que.



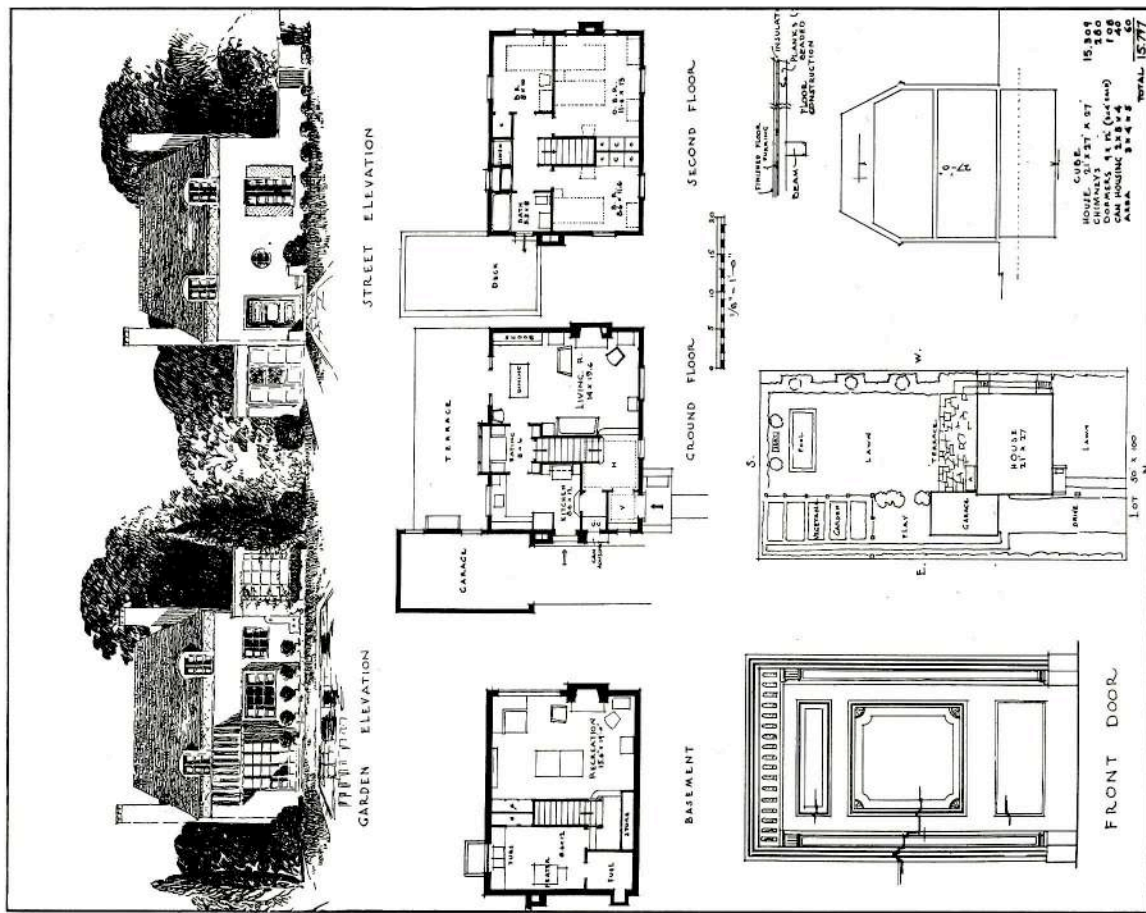
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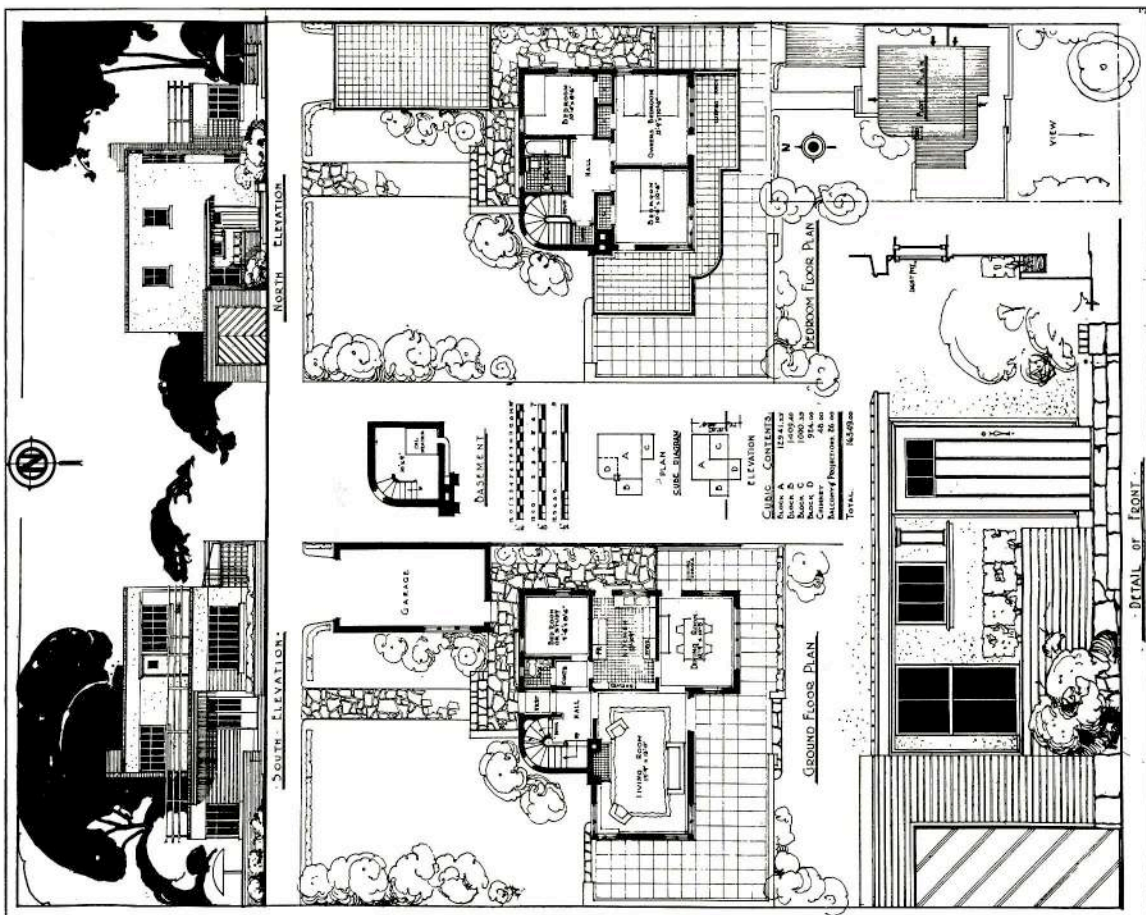
HONOURABLE MENTION — P. Alan Deacon, M.R.A.I.C., Toronto, Ont.



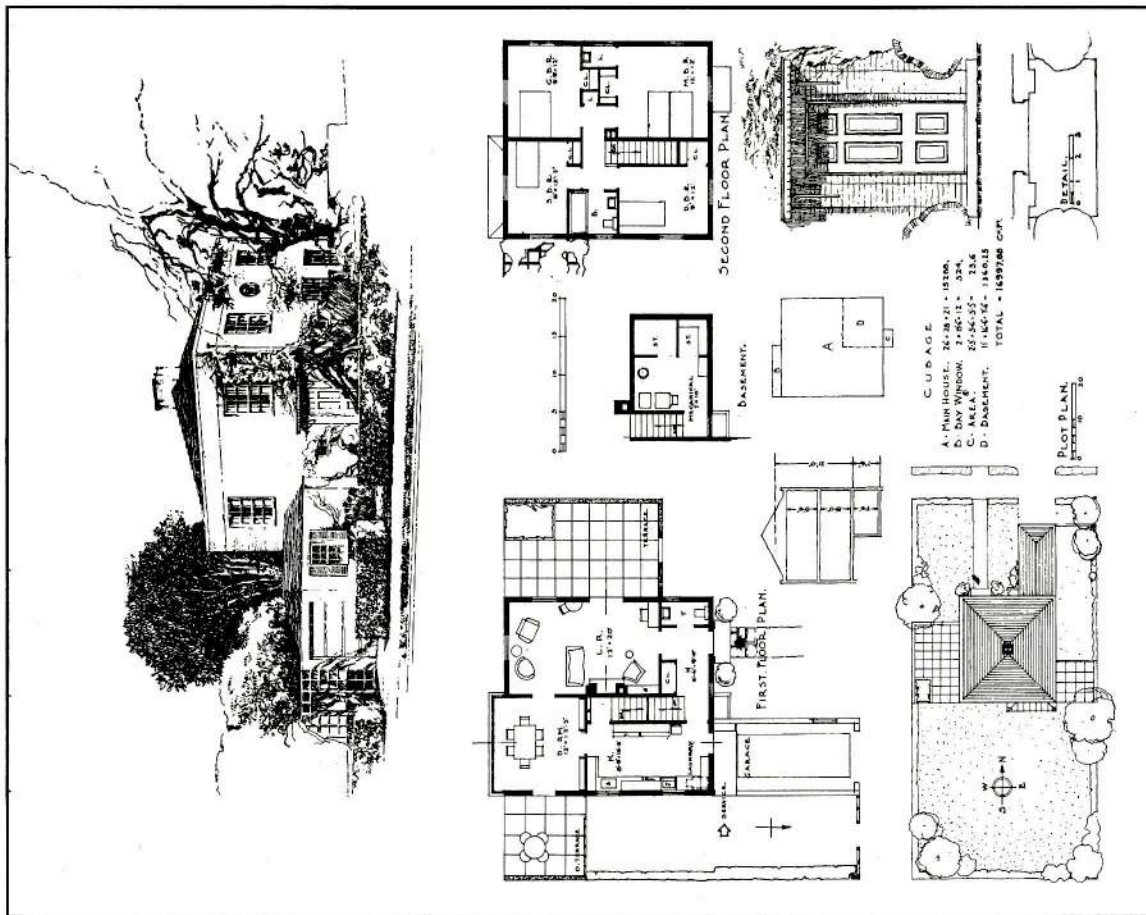
HONOURABLE MENTION — Maurice D. Klein, M.R.A.I.C., Toronto, Ont.



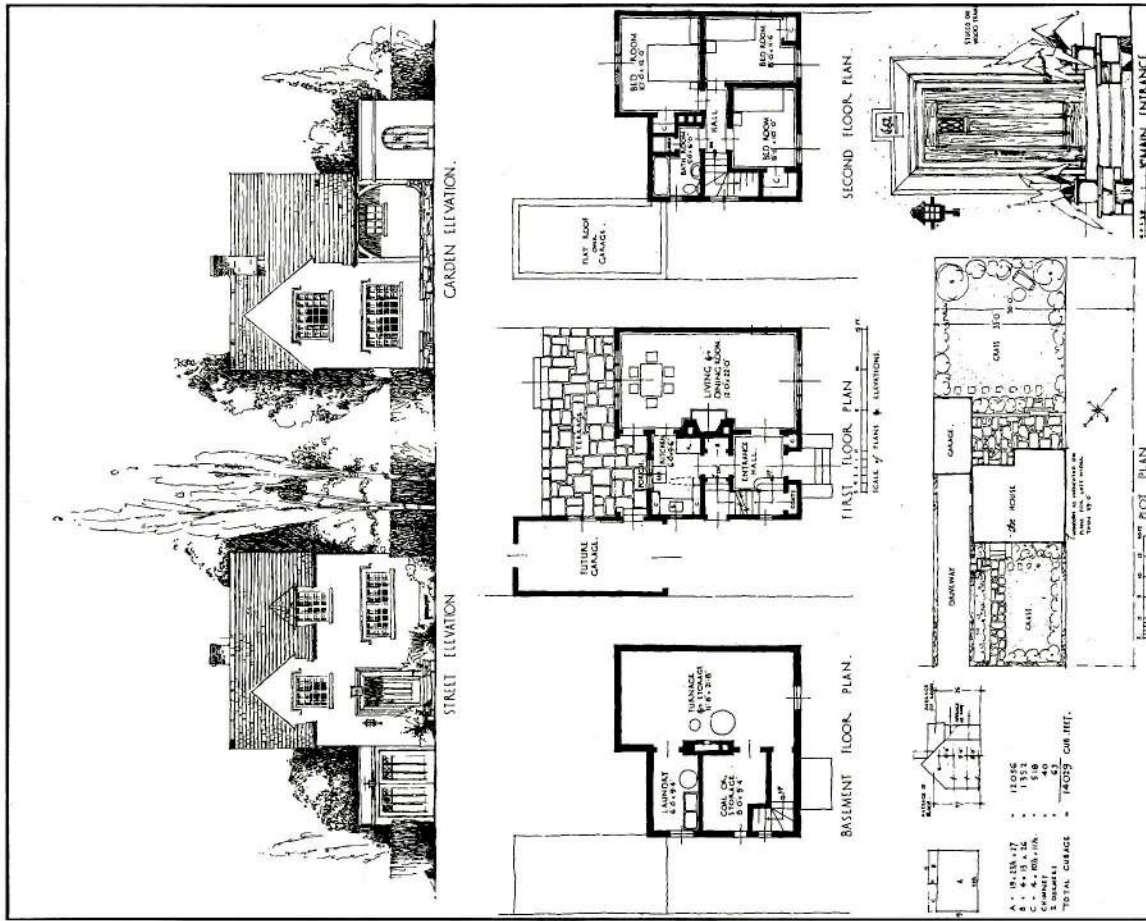
HONOURABLE MENTION — Shorey and Ritchie, M.M.R.A.I.C., Montreal, Que.



HONOURABLE MENTION — Lorne E. Marshall, M.M.R.A.I.C., Montreal, Que.



HONOURABLE MENTION — A. H. Tremblay, M.R.A.I.C., L'Imoilaou, Que.



HONOURABLE MENTION — W. F. Williams, M.R.A.I.C., Nelson, B.C.

best suited for the needs of the average Canadian household.

Aware of desirability of using the simplest forms and also of using the cheapest and most widely distributed building materials the author of the winning design has displayed marked skill in the use of the modernistic treatment of his general design. The proportioning of wall and window surfaces has been carefully studied and a most pleasing and satisfactory result has been obtained without the use of costly forms of embellishment.

It was stated in the conditions of the competition that special consideration would be given to the design obtaining the required accommodation within the minimum enclosed space. So well has the architect succeeded in this regard in the winning design that the judges had no alternative but to give the design special consideration apart from its other merits, for its small cubage and its conformity to requirements of low-cost construction, which can be achieved without detriment either to the quality of the house or to the comforts that it will offer to the owner.

One feature which is perhaps new to most owners of small houses in this country is the absence in 75% of the designs submitted of the "cell" type of plan with a small living room or parlour and an equally small or smaller dining room. By eliminating central hall and wasteful passages competitors have concentrated on large living rooms

in which an effect of even greater space is given by a dining room as part of the living room or at right angles to it without a dividing partition. In the judges' opinion such a solution of the house design in the \$2,500 to \$5,000 class is thoroughly sound and proper.

It might be pointed out that no reasonable objection can be found against the flat roof. Properly insulated it is perhaps the best roof for our climate and the least difficult and costly to maintain.

The jury concentrated on plan but so far as the external treatment was concerned the judges approached the problem without any preconceived idea of style. Marks were given for charm and suitability regardless of style, and the jury members with widely differing tastes, were unanimous in their choice of No. 386 as deserving of the Grand Prize.

Among the designs submitted many were worthy of serious consideration. However, after considerable thought as to the relative merits of each design, the two second prize and two third prize designs appeared to be worthy of the awards, while the other ten designs which received awards were judged to be entitled to Honourable Mention.

Many fine designs were of necessity eliminated from consideration because they did not comply with one or more of the programme requirements.

The results of the competition were pleasing to the judges and it is felt that Canadian domestic architecture will profit in every way from this competition."

SYNOPSIS OF RECENT COURT CASES OF INTEREST TO ARCHITECTS

Editor's Note: The following court cases have recently come under the purview of the R.A.I.C. Committee on Professional Usages, and a synopsis of each of these cases is printed herewith for the information of our readers. The Institute will be glad to receive reports of other court actions affecting the profession.

ACTION TAKEN BY THE ONTARIO ASSOCIATION OF ARCHITECTS AGAINST A MEMBER WHO REFUSED TO PAY THE SECOND INSTALMENT OF HIS 1935 FEE.

BEFORE JUDGE BARTON, TORONTO, ONT., NOVEMBER 26TH, 1935

A member of the Ontario Association of Architects refused to pay the second instalment of fees for 1935 on the ground that the annual meeting had instructed the council to conduct the business of the Association, if possible, without collecting the second instalment. If this contention were right, it would require the Association to refund ten dollars to all members who had paid the second instalment.

The council therefore decided to make a test case of this member's refusal to pay the second instalment of the annual fee for 1935, and instructed its solicitor to sue for the payment of the fee that was refused.

The Court found in favour of the O.A.A. on the ground that under the Act the conducting of the affairs of the Association was vested in the council and not in the membership assembled in annual meeting.

ACTION TAKEN BY THE ONTARIO ASSOCIATION OF ARCHITECTS AGAINST A PARTY IN WINDSOR, ONT., CARRYING ON PRACTICE AS AN ARCHITECT WHILE NOT A MEMBER OF THE ASSOCIATION.

BEFORE MAGISTRATE BRODIE, WINDSOR, ONT., JANUARY 21ST, 1936

The secretary of the Ontario Association of Architects received a report from Windsor on the 8th day of January, 1936, that there were in the hands of certain contractors in Windsor blueprints of plans which bore the name of a party not entitled to apply to himself the term "architect."

The solicitor for the Board was instructed to investigate the matter, and if the facts warranted it, to have a charge laid against this party for a breach of the Architects Act, 1935.

The solicitor for the Board made an investigation at Windsor the following day and found that there were such

plans in the hands of contractors and that the proprietor of the proposed job had obtained the plans from the party in question as well as specifications, on the front page of which appeared his name followed by the word "Architect".

An information was at once laid against the party in question, and when the case was heard before the magistrate, a plea of guilty was entered through his solicitor, who stated that his client had now filed an application for membership in the Association. The magistrate imposed a fine of \$10.00 and costs.

This was a first offence.

ILLEGAL PRACTICE OF ARCHITECTURE BY ENGINEERS IN THE PROVINCE OF QUEBEC

BY GORDON McL. PITTS, B.Sc., M.Sc. B.ARCH., M.R.A.I.C., A.M.E.I.C.

IT HAS been suggested that, in view of the many enquiries received by the Province of Quebec Association of Architects with reference to its action against James Ruddick, a review of this case and of the findings thereon should appear in THE JOURNAL as a matter of interest to members of the architectural profession throughout Canada.

The Association brought an action against James Ruddick, an engineer of the City of Quebec and a member in good standing of the Corporation of Professional Engineers of the Province of Quebec, on the grounds that, not being a member of the P.Q.A.A., he was practising architecture illegally in making plans and specifications for buildings.

The law of the province of Quebec governing the practice of architecture as set forth in the Charter of the Province of Quebec Association of Architects is, in part, as follows:

"No person, unless he be a landscape architect, shall take or make use of the name or title of Architect, either singly or in connection with any other word, name, title or designation, nor act as such either directly or indirectly, unless he be registered as a member of the association.

"Any person who, although not being registered as a member of the said association, takes or makes use of any such name, title or designation, or acts as an architect, or furnishes, for remuneration, plans or specifications to construct or re-model buildings, either directly or indirectly, shall be liable to a fine of not less than one hundred dollars, nor more than two hundred dollars for the first offence, and, of not less than three hundred dollars nor more than five hundred dollars for any subsequent offence, and, in default of immediate payment of the fine and costs, to imprisonment for not more than ninety days, unless such fine and costs be sooner paid."

In August 1930, the P.Q.A.A. was advised that plans were being prepared for a Clubhouse for the Army and Navy Veterans' Association, Quebec, P.Q., by the engineering staff of the firm of James Ruddick Construction Company Limited.

Under date of September 17th, 1930, James Ruddick wrote the Association with regard to admission to membership and was advised that this could only be obtained by examination. On September 27th, 1930, the Army and Navy Veterans' Association and the Corporation of Professional Engineers of Quebec were advised that Mr. Ruddick was not an architect. On December 31st, 1930, the Association received an official complaint from one of its members in Quebec that James Ruddick was acting as an architect though he was not a member of the Association.

Subsequent evidence showed that James Ruddick furnished plans during February 1931 for the

construction of a building for the Citadel Cigar Store in Quebec, and further, that he had prepared and furnished plans on or before June 19th, 1931, for a Clubhouse for the Army and Navy Veterans' Association.

The P.Q.A.A. finally took action against James Ruddick in October, 1932, and the case was heard on May 9th and 10th, 1933, before the Honourable Mr. Justice Marchand, sitting in the Superior Court in the City of Quebec.

Mr. Ruddick, in his pleadings as defendant, admitted the preparation of the plans and specifications referred to, but claimed that all his acts were done and performed in virtue of the rights and privileges conferred by law upon him as member of the Corporation of Professional Engineers of Quebec, and that by custom and practice and by the nature of their scientific knowledge, as well as by law, civil engineers have and have always had, the right of making plans and specifications for buildings. The law of the province of Quebec as set forth in the "Civil Engineers' Act," which constitutes the charter of the Corporation of Professional Engineers of the Province of Quebec, defines a "civil engineer" as follows:

"The expression 'civil engineer,' means any one who acts or practises as an engineer in advising on, in making measurements for, or in laying out, designing or supervising the construction of railways, metallic bridges, wooden bridges the cost of which exceeds six hundred dollars, public highways requiring engineering knowledge and experience, roads, canals, harbors, river improvements, light-houses, and hydraulic, electrical, mechanical, municipal, or other engineering works, not including government colonization roads or ordinary roads in rural municipalities; but does not apply to a mere skilled artisan or workman."

The defendant further contended that the nature and arrangement of the subjects in the courses of study given in the faculties of engineering of the universities, indicated that architecture was a department of engineering, and it being presumed that all engineers are trained to carry out engineering work generally, and the profession of architecture being comprehended and included in the profession of engineering, therefore, under the "Civil Engineers' Act" of the province of Quebec, an engineer was entitled to prepare plans and specifications for buildings.

The plaintiff showed that the department of architecture in some universities was included in the faculty of applied science or engineering for purposes of administration, but that the courses of study prescribed for the architect were entirely

separate and distinct from those prescribed for the engineer. Further, that the engineering course was usually of four years, while the course in architecture required five years.

It was also pointed out that while the architectural course might include subjects that were given in certain branches of engineering, these subjects were taught in the architectural department in a manner calculated to prepare the student to apply them in an architectural sense.

It was also shown that engineering was divided into many technical branches which required special preparation in the universities, thereby creating distinct departments in the training of engineers and in the engineering profession, such as "chemical engineers," "civil engineers," "electrical engineers," "mechanical engineers," "metallurgical engineers," "mining engineers," etc. Few engineers, if any, receive a technical training covering all these branches.

Of the above sub-divisions of the engineering profession "civil engineering" is the one most closely related to the actual design and construction of buildings, and this in turn is divided into, "land surveyors," "railroad engineers," "hydraulic engineers," "sanitary engineers," "highway engineers," "forestry engineers," "structural engineers," etc. Of these groups, the one most closely related to building design is the "structural engineer." Thus, only a sub-section of a sub-division of the profession of engineering can be considered as having even the most general knowledge of building design. Even in this sub-section there are, in practice, very few individuals competent to carry out the design of buildings generally. Every facility is provided for these individuals to become members of an accredited architectural association and to legally practise the profession in accordance with their abilities and the responsibilities which the law imposes.

Thus it is evident that the engineering profession generally does not acquire that particular training and ability necessary for the design of buildings and the preparation of the plans and specifications for their construction, rather, this may be the achievement of a few individual members of the profession under special circumstances.

On the other hand, all architects are required by law to be specially prepared and trained in the design and planning of buildings. Their education includes the study of all branches of engineering comprehended in building construction and this training is given with a view to their supervising, correlating and incorporating the technical advice and work of the various experts and specialists of every kind whose collaboration is required in the construction of a modern building. In other words, the architect is trained to be the technical and administrative head of a building project.

The main professional qualification of the architect which definitely differentiates him from the engineer, is that he is trained to plan all types of buildings with a view to their function, stability, economy and appearance. His training is calculated to cover the whole structural range, with all apparatus and appliances, and in this his professional preparation is unique in character and scope. No division or sub-division of the engineering profession covers this range or receives this training.

The province of Quebec in providing an "Architects' Act," and a "Civil Engineers' Act" recognized, accepted and established the two professions as separate and distinct.

The writer feels particularly qualified to express an opinion in this matter, having been trained as a civil engineer for the degree of B.Sc., specializing in structural engineering for the degree of M.Sc. After practising for a number of years in building construction he decided to take up architecture. Appreciating from experience that his engineering training did not qualify him for the practice of this profession, he returned to the university for a course in architecture for the degree of B.Arch., and, to conform with the legal requirements of the province, took the examinations for membership in the P.Q.A.A.

Judgment was given by the Honourable Mr. Justice Marchand in the Superior Court on November 30th, 1933, and he found that, as this offence by James Ruddick was a "penal offence," the law required that action be taken within twelve months of the commission of the offence, or the case would be "prescribed" or of no effect.

The court found that the action of the Association had not been taken within the required twelve months and Judge Marchand therefore gave judgment "in prescription." His findings in part were as follows:

"In view of these facts it would appear that the defendant (Mr. Ruddick) has acted as an architect although he was not a member of the appellant corporation (P.Q.A.A.) and *nothing anywhere gives him the right to do what he did*, the evidence, however, establishes that the act he is accused of was done over a year before the institution of the action of the appellant association, etc."

The Association, feeling that evidence had been presented in the superior court which would establish that the acts of Mr. Ruddick, contrary to the law, had taken place over a period sufficiently long to obviate "prescription," decided to make an appeal to the Court of King's Bench.

The Court of King's Bench with five judges sitting, sustained the findings of the lower court as to "prescription" in this case in a judgment given in December, 1934. In giving their opinions, however, two of the five judges made definite findings on the merits of the case as respecting the

illegal action of Mr. Ruddick in making plans and specifications for buildings, while not being a member of the P.Q.A.A.

The following are extracts from the findings of these judges:

MR. JUSTICE RIVARD'S NOTES
(Translated Extracts)

By the comparison of the Act ruling the architects and the one ruling the civil engineers, at first it clearly appears that the legislator intended the practice of the art of architecture and that of the science of civil engineering to be two distinct professions. But the scope of the activities reserved to each one of these professions is perhaps not well precised. The words "furnish plans or specifications to construct buildings" are rather extensive and somewhat imprecise.

A building is properly a monumental construction; it is, nevertheless, impossible that the legislator intended the architect to limit himself to drawing palaces, castles and temples; in "public buildings" may have been understood buildings of large dimensions, but by "private buildings" it seems that ordinary houses, constructions of limited extent, were intended.

On the other hand, there are "hydraulic, mechanical and municipal works" which could not go without a building to shelter and to surround them, and which include therefore the construction of a building of some kind. In the same way, in the properly called buildings or in the less important constructions, called by the legislator "private buildings," there may be, and there are most frequently, doings appertaining to civil engineering because they are the result of hydraulic, electric or mechanic works. (Fortunately, we are not concerned here with what the law wanted to designate by "municipal works.")

From all this, I should believe that I ought to understand that the architect is really the competent professional as far as buildings are concerned, that is to say, for more or less considerable buildings with the exception of those, construction of which is specially assigned by law to the civil engineer; and to precise this last point, I should say that it belongs to the architect alone to furnish the plan of buildings where the doings of civil engineering appear only by accident, whilst the civil engineer for his part, has the right to concern himself with the properly called buildings when they are the accessory of the engineers' work only.

The definitions that we may give of architecture and of civil engineering could not possibly prevail against the above solution which seems to be deducted from the two Acts submitted to us. Because I do not intend to decide the case on this point, I refrain from any further developments on this doctrine.

I am satisfied with noticing that the two constructions for which the plans were drawn by defendant, are essentially buildings, in accordance with the Act of architects and that, therefore, the defendant would have infringed the said Act. I note, nevertheless, that it is only by supplying these plans that he rendered himself guilty of a violation of the Act.

MR. JUSTICE GALIPEAULT'S NOTES
(Translated Extracts)

If it had not been for the objection as to the prescription of the action, objection raised rightfully by the learned Judge of the Superior Court, I should have been, like Mr. Justice Rivard and for the same reasons he gave, disposed to maintain the action, the respondent having, in my opinion, violated the Act of architects (R.S.Q. 1925, chap. 220) and incurred the

penalty claimed against him. Although it is not clearly stated in the judgment of the inferior court, it seems that respondent, on this question, was blamed by the judgment thereof.

In a word, what is wanted by respondent, to be decided by the courts, is that as a civil engineer, he is entitled to exercise the practice of architecture with all the privileges conferred to it; he would cumulate the two professions; however, it seems that it was never intended by the legislator to mingle the two professions. They were distinctly created for and with distinct ends to be reached.

In practice, it has been, moreover, well established by the exercise of both professions by their respective members, that the civil engineer is not at the same time a civil engineer and an architect. In my opinion, it is beyond any doubt that the architects only have the right to furnish plans and specifications for remuneration, to construct or remodel public or private buildings.

It would be strange that when the legislature has defined in the Act of civil engineers, (S.R.Q. chap. 218, art. 17) the various works pertaining to these professionals, it would have omitted the inclusion of "the construction or the remodelling of public or private buildings and the confection or supply of plans and specifications for these purposes."

It is certainly not with the help of the expressions "and other engineers' works" following the enumeration of works which fall into the scope of an engineer's capacity, that the respondent can maintain his contentions.

The correctif change brought to the Act 19 Geo. V. chap. 67 (Section 6, Act of Architects 1929) that reads: "Nothing in this act shall be interpreted as affecting in any manner whatsoever, the rights and privileges conferred by law, upon the members of the corporation of engineers of Quebec," could not itself add anything whatsoever to the legislation ruling the professions of architects and civil engineers, and did not grant new rights or privileges to said engineers.

It was contended that everything was changed in the status of architects and engineers since the modern method of constructing appeared. If this is so, the legislation is, nevertheless, the same; the two professions have yet their distinct existence and the legislature has not appeared to intend to change the situation of the two professional bodies, neither in the chapter relating to privileges (art. 2009, 2015, 2103 C.C.) nor in the chapter relating to the hiring of work pertaining to the responsibility of the architect on account of a defect in construction or the unfavourable nature of the ground (art. 1688 C.C.).

Undoubtedly, if the civil engineers are now also architects, the protection of the building owners must be secured by proper amendments brought by the legislator.

Moreover, as I said in the beginning, I stand by the opinion of Mr. Justice Rivard and I should confirm the judgment and dismiss the action on the ground of prescription only.

As the three remaining judges offered no opinion contrary to that expressed by their two confreres on this point, the Association has been legally advised that the above findings may be considered as definitely establishing the legal status of the Association and that it is contrary to the law of the province of Quebec for engineers, who are not members of the Province of Quebec Association of Architects, to make plans and specifications for public or private buildings.

ACTIVITIES OF THE INSTITUTE

A meeting of the executive committee of the council of the Royal Architectural Institute of Canada was held in room 306, 74 King Street East, Toronto, on Thursday, April 16th, 1936, at 10.00 a.m.

Present: Messrs. W. L. Somerville, president; H. L. Fetherstonhaugh, honorary treasurer; Eric W. Haldenby; Burwell R. Coon; R. E. McDonnell; A. J. Hazelgrove; Mackenzie Waters; Allan George; and I. Markus, secretary.

Reports of Standing Committees:

Architectural Training: The secretary informed the meeting that the drawings submitted in the recent R.A.I.C. Student Competitions had been exhibited at the University of Toronto, the Ecole des Beaux-Arts, Montreal and Quebec, the University of Manitoba, and the University of Alberta, and that the medals were now ready for presentation to the successful students.

Scholarships and Prizes: Mr. Fetherstonhaugh reported that at the recent annual meeting of the R.A.I.C., Mr. R. H. Macdonald had suggested that the Institute should give some consideration to the possibility of establishing travelling studentships or scholarships, the funds for which might be provided by some of the larger industrial corporations. The committee on scholarships and prizes was asked to give the matter consideration and report to the next meeting.

Professional Usages: A letter was read from Gordon McL. Pitts, chairman of the professional practice committee of the P.Q.A.A. informing the Institute that he had been directed by his council to prepare an article for publication in THE JOURNAL relative to the action taken by the P.Q.A.A. against James Ruddick, an engineer in the city of Quebec, for the illegal practice of architecture. As the action taken appeared to be of considerable interest to the profession, it was suggested the article be published in a forthcoming issue of THE JOURNAL.

Art, Science and Research: On the suggestion of Mr. B. Evan Parry, it was decided to ask some of the industries engaged in the manufacture of building materials to furnish the Institute from time to time with data on research work which they have carried out.

Editorial Board, Journal R.A.I.C.: Mr. Coon informed the meeting that the editorial board desired to obtain for publication in THE JOURNAL critical comments by prominent laymen on modern and traditional examples of architecture. As the requests would be made in the name of the Institute, the board desired to have the approval of the executive before any action was taken. In the discussion which followed, it was generally agreed that criticism of architecture by the public was very desirable, but that any letter sent to public men should be very carefully prepared and the material to be published in THE JOURNAL be also carefully edited by the editorial board.

Fellowships: Some discussion took place with reference to the present procedure of accepting nominations for Fellowship in the Institute and it was decided to appoint a special committee consisting of three Fellows to look into the matter and submit their recommendations to the next meeting of the executive committee.

Standard Forms of Contract: The president reported that as requested at the last meeting, tenders had been obtained on reprinting 2,000 copies of the "Cost Plus" and 3,000 copies of the "Stipulated Sum" forms of contract, and that the contract for the printing had been awarded.

Mr. A. J. Hazelgrove, chairman of the joint committee of the R.A.I.C. and C.C.A. reported the receipt of a com-

munication from Col. E. G. M. Cape of the C.C.A. requesting that the Institute authorize the publication of the French translations of the contract documents as soon as possible. It was decided to obtain tenders and proceed with the printing of the documents, if satisfactory arrangements could be made with the Canadian Construction Association.

Employment of Private Architects on Public Works: Mr. Haldenby, chairman of the public relations committee requested the opinion of the executive committee on the resolution submitted by the Ontario Association of Architects with reference to the basis of remuneration to architects engaged on federal public buildings. It was suggested that Mr. Haldenby might communicate with the various members of his committee requesting that they draw the attention of their local members of the federal government to the conditions under which architects in private practice are commissioned to carry out government buildings. The president of the Institute was also requested to take the matter up with the minister of public works.

A letter was read from Gordon McL. Pitts of Montreal, drawing the attention of the Institute to efforts being made by the Professional Engineers of Ontario to have the Dominion government employ engineers in a similar capacity to that of the architect. Copies of the correspondence and memoranda submitted by the engineers to the minister of public works were also drawn to the attention of the meeting which contained misleading statements relative to the architectural profession. Much discussion followed the presentation of this correspondence and the president of the Institute was requested to take up the matter with the minister of public works.

Housing: A letter was read from Mr. R. H. Macdonald of Montreal, enclosing an outline of the operation of building societies in Great Britain and suggesting that the executive committee consider the desirability of going on record with the Dominion government in support of the establishment of building societies in Canada. It was decided to refer the correspondence to the special committee on Housing for consideration and report.

Small House Competition Sponsored by Dominion Government: Mr. Hazelgrove reported that following the last meeting of the executive committee he had consulted with the president and Mr. F. W. Nicolls of the department of finance regarding the conduct of the small house competition, and that Mr. R. H. Macdonald of Montreal had been requested to assist Mr. Nicolls and himself in preparing the conditions for the competition. He further informed the meeting that it had been decided to limit the competition to architects in Canada and that copies of the conditions had been sent to every member of the Institute; also that the designs were to be judged by a jury consisting of: Messrs. W. L. Somerville, E. R. Arthur, R. H. Macdonald, Ludger Venne, A. J. Hazelgrove, A. J. C. Paine and F. W. Nicolls.

Uniformity and Regulation of Professional Advertising: A letter was read from Mr. Philip J. Turner informing the Institute that the R.I.B.A. had found it necessary to discipline some of their members in British Columbia for doing certain advertising contrary to the R.I.B.A. code of ethics, and that they had expressed a desire to receive any regulations which might exist in Canada governing professional advertising. The meeting was informed that very few of the Associations had any regulations governing professional advertising, and it was therefore decided to refer the matter to the professional usages committee for consideration and recommendation.

Desire for Greater Uniformity in Provincial Architects' Acts: The attention of the meeting was drawn to the very lengthy

discussion which took place at the annual meeting with reference to the desirability of bringing about greater uniformity in the various Provincial Architects' Acts. The matter was referred to the committee on professional usages for consideration and report.

National Construction Council of Canada: The secretary reported that the National Construction Council of Canada had arranged a conference with representatives of the Dominion Mortgage and Investment Association for the purpose of discussing the Dominion Housing Act and possible amendments thereto; also that legislation had recently been passed in Ontario enabling municipalities to make loans to building owners for the modernization and rehabilitation of their properties, and that an effort was to be made by the National Construction Council through its regional committees to have similar legislation passed in other provinces.

The meeting was also advised that the National Construction Council had requested that the construction industry be represented on the National Employment Commission about to be appointed by the Dominion Government.

Research on Building Materials: The secretary reported that as a result of negotiations between the National Construction Council and the National Research Council, the latter council had agreed to undertake research work on construction and construction materials within the limits of the available funds, and in order that the National Research Council might have some idea of the scope of the research to be conducted, it had been decided to ask each of the organizations represented on the National Construction Council to submit their recommendations. The matter was referred to the committee on art, science and research for its consideration and recommendations.

R.I.B.A. Matters: A letter was read from Mr. Philip J. Turner informing the Institute that the R.I.B.A. was very anxious not to act independently of the R.A.I.C. in the matter of unprofessional conduct as it applies to any of their members in Canada. Mr. Turner suggested that the adoption of a general code of professional practice might very well be considered by the executive committee. The matter was referred to the committee on professional usages for consideration and report.

The secretary informed the meeting that Mr. Hugh L. Allward of Toronto had been elected a Fellow of the R.I.B.A., and that Mr. John Fish of Montreal had been elected an Associate Member of that body.

Miscellaneous: A letter was read from the Ontario Association of Architects under date of March 19th, enclosing a resolution adopted at a recent meeting of their council requesting the Institute to advocate to the Dominion Government that all employees designated as architects when appointed to any department of the government services be required to have the legal status of architect in the province of their domicile at the time of their appointment, and during the term of their holding office. Mr. Hazelgrove was requested to take the matter up with the government and report at the next meeting.

The president informed the meeting that Col. C. J. Burritt of Ottawa had been appointed to represent the R.A.I.C. on the main committee of the Canadian Engineering Standards Association.

In view of the possibility of a competition being held for the new building for the Bank of Canada at Ottawa, the president was authorized to negotiate with the government if and when it was decided to conduct such a competition.

Adjournment: The meeting adjourned at 5.30 p.m.

ANALYSIS OF PROVINCIAL REGULATIONS GOVERNING THE PRACTICE OF ARCHITECTURE BY NON-RESIDENT ARCHITECTS

<i>Conditions</i>	<i>Alta.</i>	<i>B.C.</i>	<i>Man.</i>	<i>N.B.</i>	<i>N.S.</i>	<i>Ont.</i>	<i>Que.</i>	<i>Sask.</i>
Is membership granted to a non-resident architect?.....	Yes	Yes	Yes	No	No	Yes	Yes	Yes
Is it necessary that he be a British subject?.....	No	No	No	—	—	Yes	No	No
Is temporary license to practise granted to a non-resident architect? —	—	—	—	Yes*	Yes**	Yes***	Yes	—
Is it necessary for a non-resident architect, who is granted registration or license to practise, to appoint an associate architect residing in the province when carrying out work in that province?.....	No	No	No	No	Yes	Yes	Yes	No

*Limited to architects who are members of an Association in a Province where similar privileges are granted to members of the A.A. of N.B.

**Provided he is an architect of outstanding reputation.

***Limited to architects who are British Subjects and who are members of an association in a Province where similar privileges are granted to members of the O.A.A.

NOTES

Burwell R. Coon, M.R.A.I.C., member of the executive committee of the Institute, will leave for a visit to England on May 20th. Mr. Coon expects to return to Toronto during the latter part of July.

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George Kenneth Crowe, M.R.A.I.C., of Montreal, announces that he will continue the practice of the late F. G. Robb, under his own name, at 1178 Phillips Place, Montreal.

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Professor Ramsay Traquair, head of the School of Architecture, McGill University, sailed recently for England. Professor Traquair expects to return to Montreal early in July.

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The annual British Architects' Conference will this year take place in Southampton, England, from June 24th to June 27th, 1936. An invitation to attend the Conference has been extended to all members of the R.A.I.C.

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Philip J. Turner, F.R.A.I.C., of Montreal, delivered an illustrated lecture on "London, the World's Most Complex City" at a meeting of the Royal Empire Society, Montreal, on April 23rd, 1936.

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J. C. Drouin, M.R.A.I.C., of Quebec, announces the dissolution of his partnership with Wilfrid LaCroix, F.R.A.I.C. Mr. Drouin will continue his practice at 8 Avenue de Montigny, Quebec, where he will be pleased to receive manufacturers' catalogues and samples.

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The 1936 R.A.I.C. Medal for the outstanding graduate at the Department of Architecture, University of Manitoba, has been awarded to Roy Sellors.

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B. Evan Parry, F.R.A.I.C., director of public relations for the Ontario Association of Architects, addressed a meeting of the Lion's Club, Hamilton, on May 4th on the subject of Housing.

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The appointment of Arthur B. Purvis, president of Canadian Industries Limited, as chairman of the National Em-

ployment Commission has recently been announced by the prime minister.

* * * *

At the recent annual meeting of the American Institute of Architects it was announced that a scholarship fund of \$104,000, to aid students of architecture resident in Canada and the United States, had been established by a legacy from the late Edward Langley, noted architect of Scranton, Penn. Mr. Langley was a native of Toronto, and a son of the late Edward Langley, of the old architectural firm of Langley, Langley and Burke. He was also a cousin of Charles E. Langley of the firm of Langley and Howland, architects of Toronto.

COMPETITIONS

THE T. EATON COMPANY HOUSE COMPETITION

Members of the Institute are reminded of the T. Eaton Company architectural competition for designs for a small and a medium sized house, the conditions for which were published in full in the April issue of THE JOURNAL.

All drawings must be delivered to the T. Eaton Company Limited, Toronto, on or before June 15th, 1936. The drawings will be judged by a jury consisting of: John M. Lyle, F.R.A.I.C., Mackenzie Waters, M.R.A.I.C., and Bruce H. Wright, M.R.A.I.C., and the results will be announced on or immediately after July 1st.

The competition is open to all registered architects resident in Canada, and also to graduates of the recognized Canadian schools of architecture.

The awards will be as follows:

Class "A"—2 awards of \$1,000 each

Class "A"—5 awards of \$ 100 each

Class "B"—2 awards of \$1,000 each

Class "B"—5 awards of \$ 100 each

In addition to the above a Grand Prize of \$500 will be awarded to the design which, in the opinion of the jury, is the outstanding one of the competition.

OBITUARY

FREDERICK GARFIELD ROBB, B.A.R.C.H., M.R.A.I.C.

Some offices are models of the impersonal technicality now sought by the profession; others like ghosts among us wander lost with their forlorn Pugin and Vignola. It is a rare thing indeed to find one always reaching out for a better way of doing things, but at the same time keeping close to the humanities which form the basis of good architecture. One found it in Fred Robb's office. There, the client, seeking sound advice; the junior, experience; the contractor, fairness; the salesman, a hearing; the friend, understanding; all were met with the same warm response and quick sympathy, and the same intolerance for pretension and "side".

Fred Robb will always be remembered for this readiness to meet in the same way all who approached him; for the warmth of his welcome to all whom he knew; and for his generous fidelity to his friends. All this was in spite of a great shyness, and an abhorrence of "glad-handing" methods of practice.

In his homely office, in his circle of friends centred on the Arts Club in Montreal and in local architecture and construction generally, he was a well-loved figure whose untimely death has left a gap which will be many years in closing.

Frederick Garfield Robb was born in Montreal on the 25th September, 1881, the son of the late William and Margery (Ballantyne) Robb. He attended the Montreal High School and was one of the first three graduates in architecture from

McGill University in 1907. He was in the office of his brother-in-law, David R. Brown, F.R.A.I.C., until 1910 when he joined the office of Warren & Wetmore in New York. This firm sent him to Montreal in 1911 to superintend the construction of the Ritz-Carlton Hotel. After this he opened his own office in Montreal, first at the corner of Stanley and St. Catherine Streets, and latterly at 1178 Phillips Place, being admitted to the P.Q.A.A. and to the R.A.I.C. in 1912. In this year he also married in New York, Jane Thurman, who predeceased him in 1928.

In 1916 he attended the Royal School of Artillery in Kingston and joined the 79th Battery, C.F.A., on its formation in August, as a subaltern, but had to leave it in December on being declared physically unfit for service overseas, and spent the remaining war years in Government service in Ottawa. After the war he returned to his practice in Montreal, and maintained it until his untimely death after a short illness, on the 22nd April, 1936.

He was responsible for buildings in the Province of Quebec, various in nature but forming too lengthy a list to enumerate here. They are all of a uniform high quality both in design and in construction, and have been a great factor in maintaining professional standards in this province.

Surviving him are three sisters: Mrs. B. B. Stevenson, Mrs. D. R. Brown, and Mrs. T. McC. Hutchison, all of Montreal.

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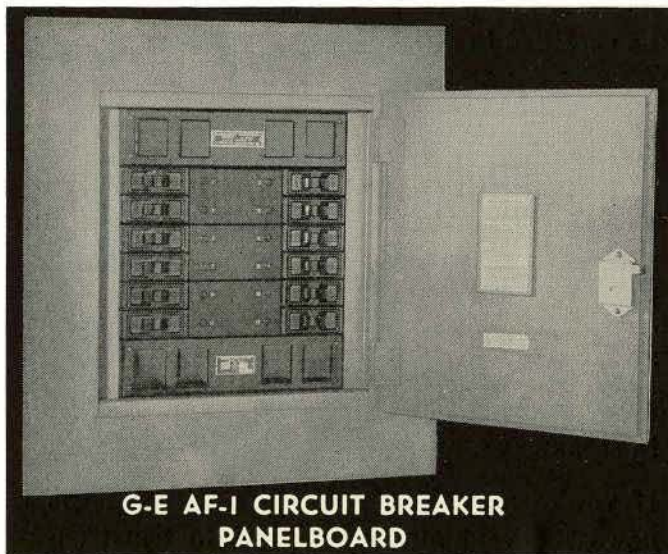
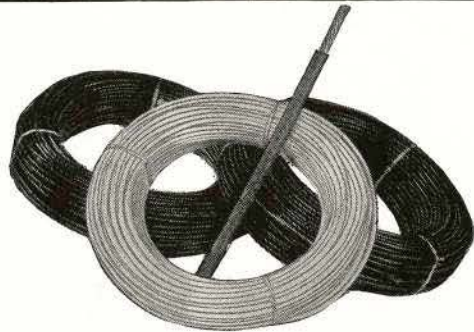
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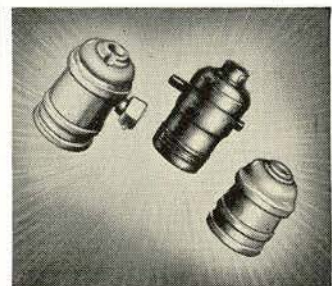
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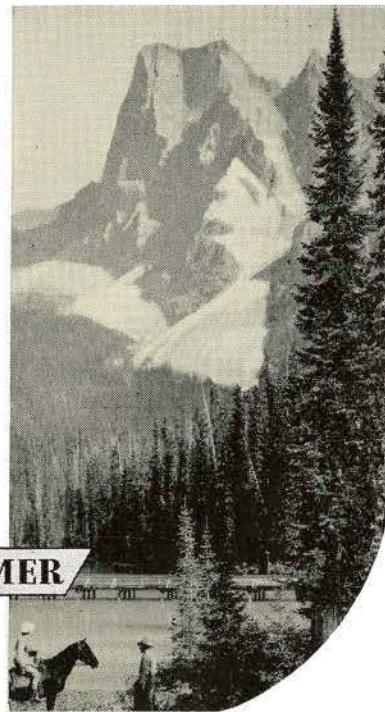
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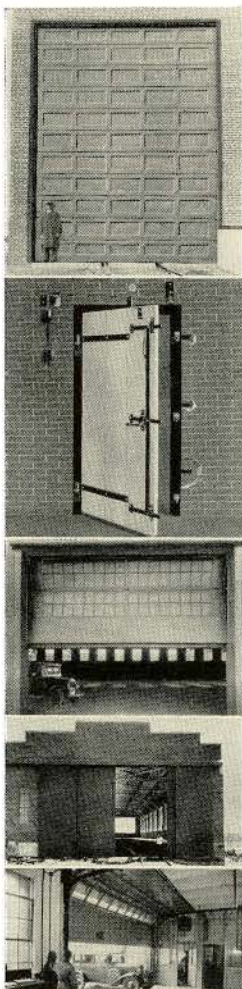
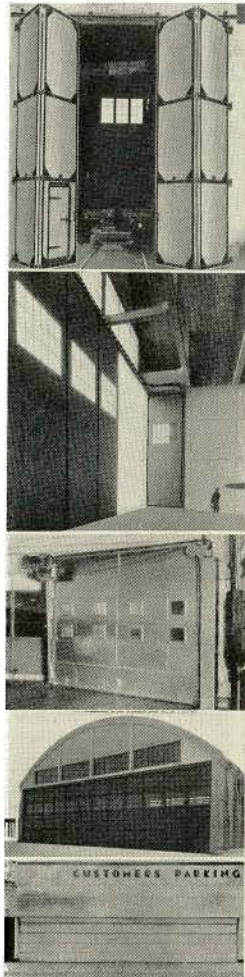


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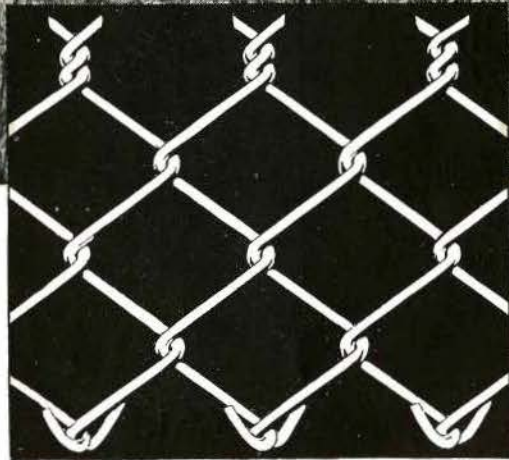
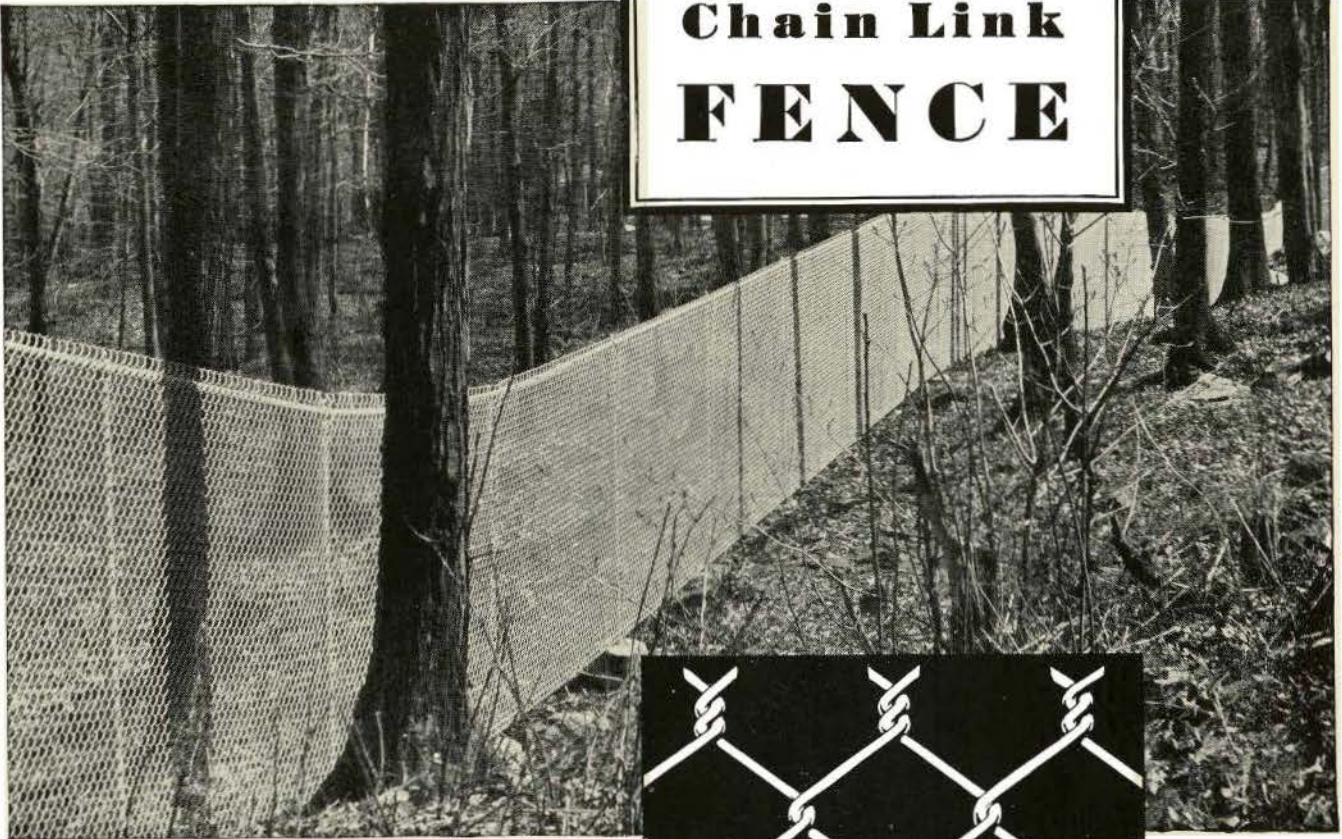
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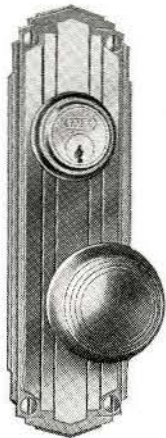
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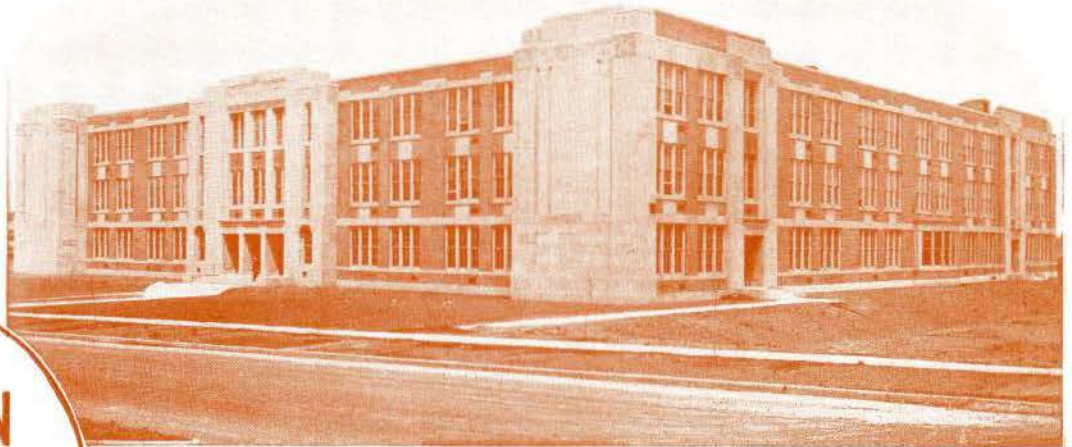
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