

JOURNAL

ROYAL ARCHITECTURAL
INSTITUTE OF CANADA



VOL. 18

TORONTO, JULY, 1941

NO. 7

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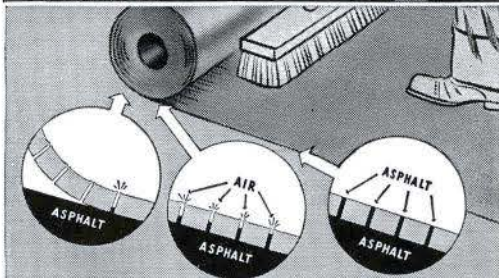
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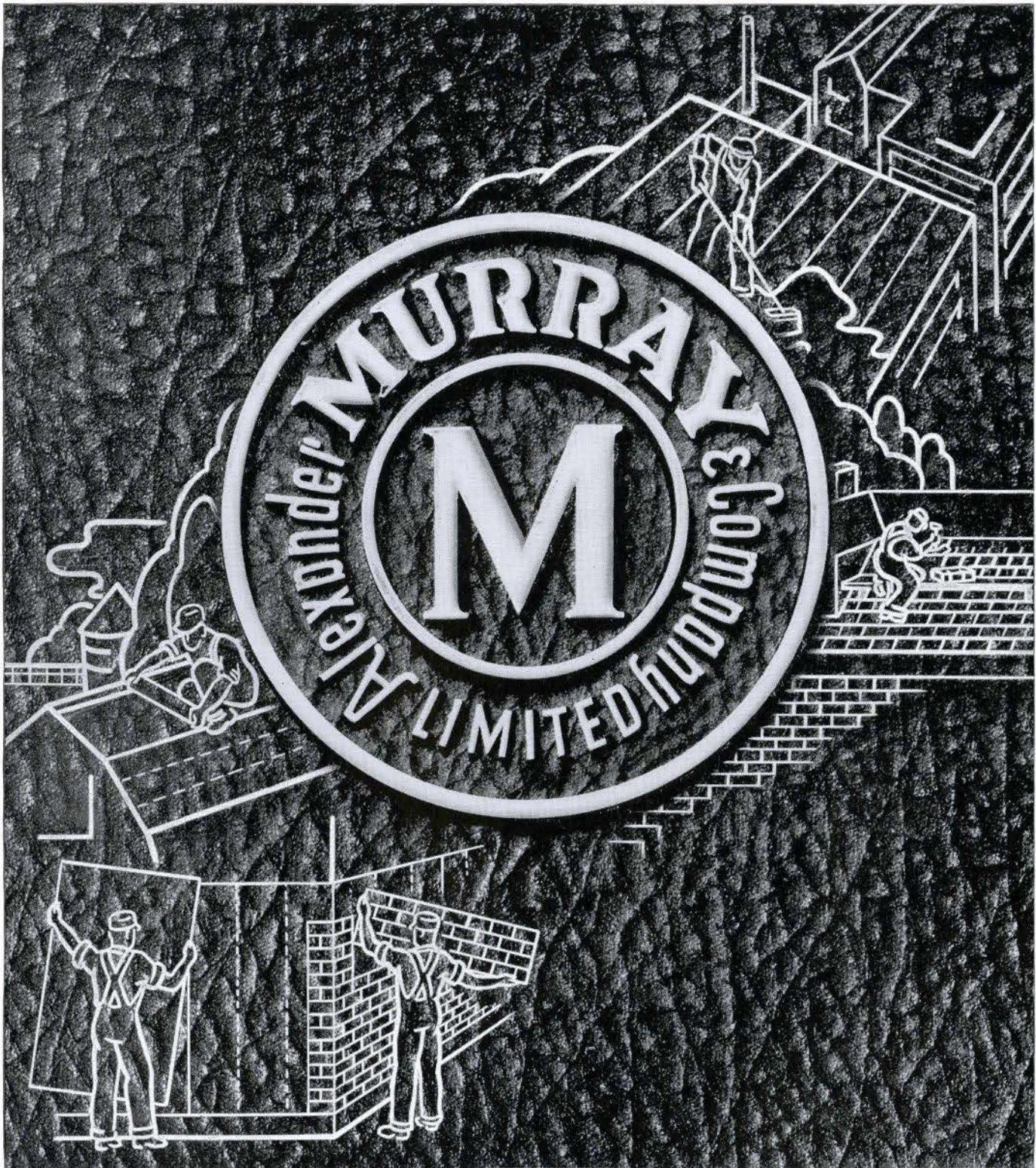
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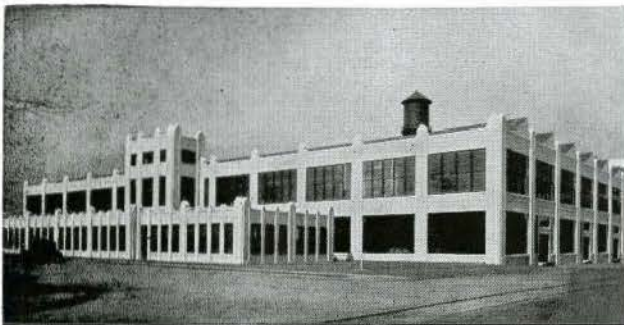
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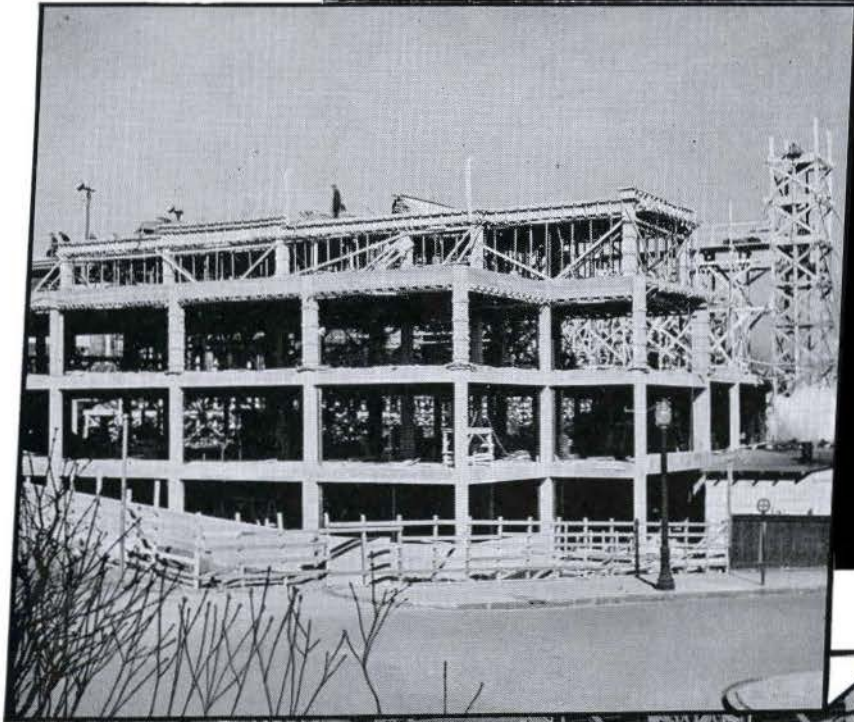
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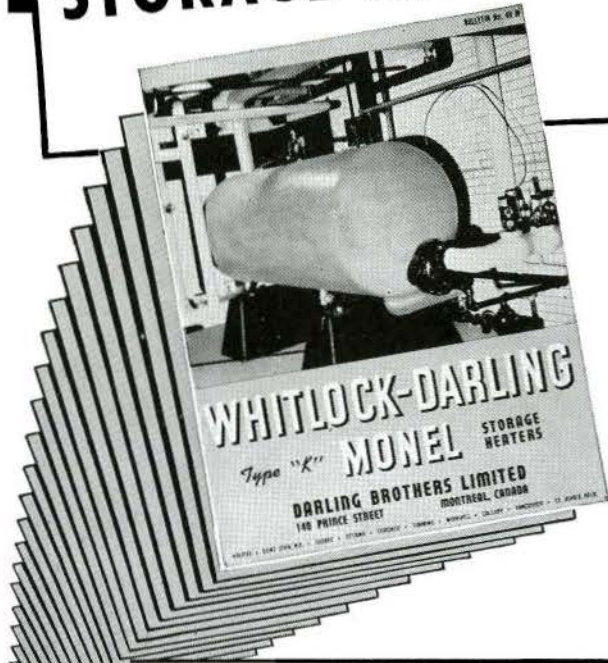
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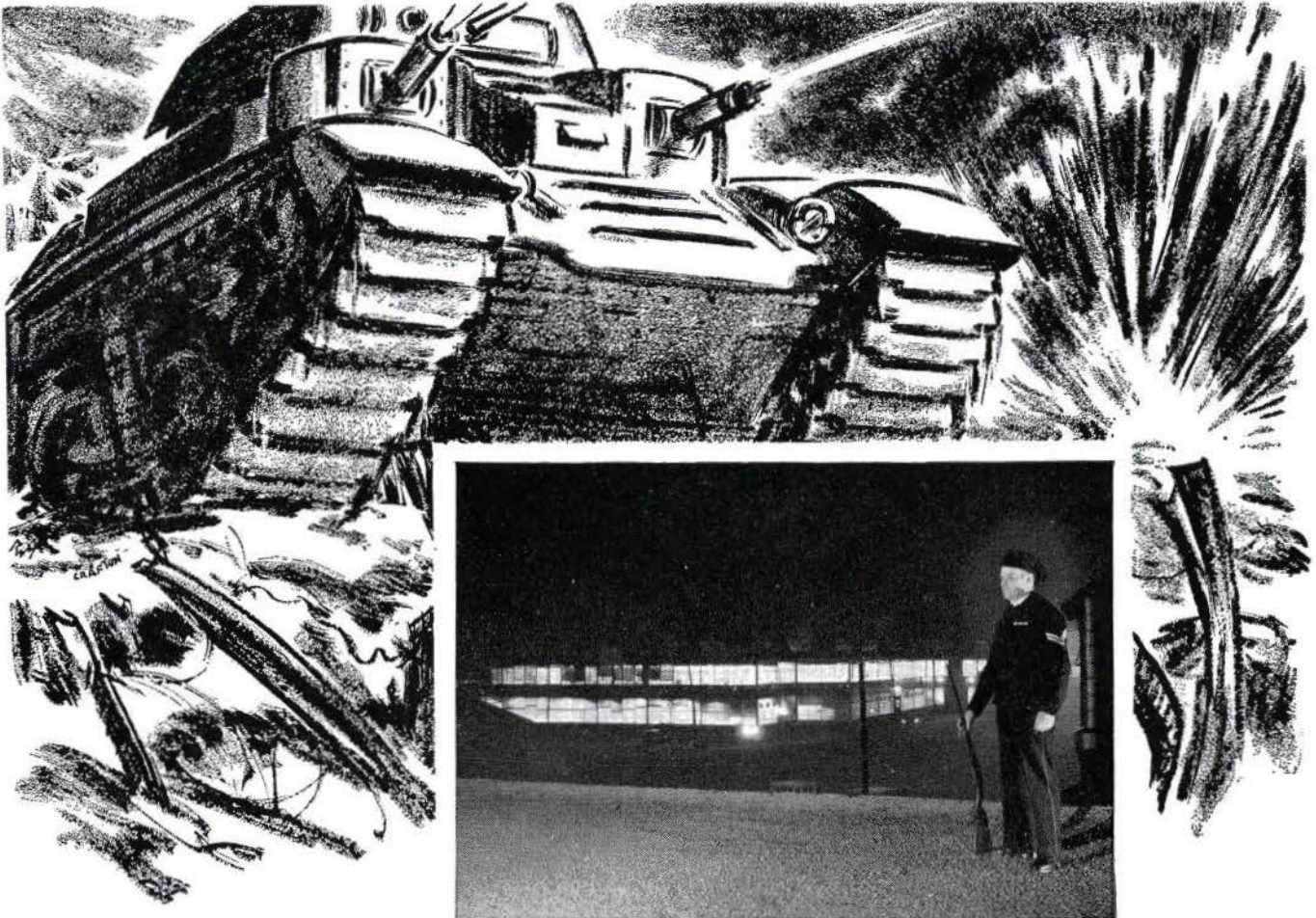
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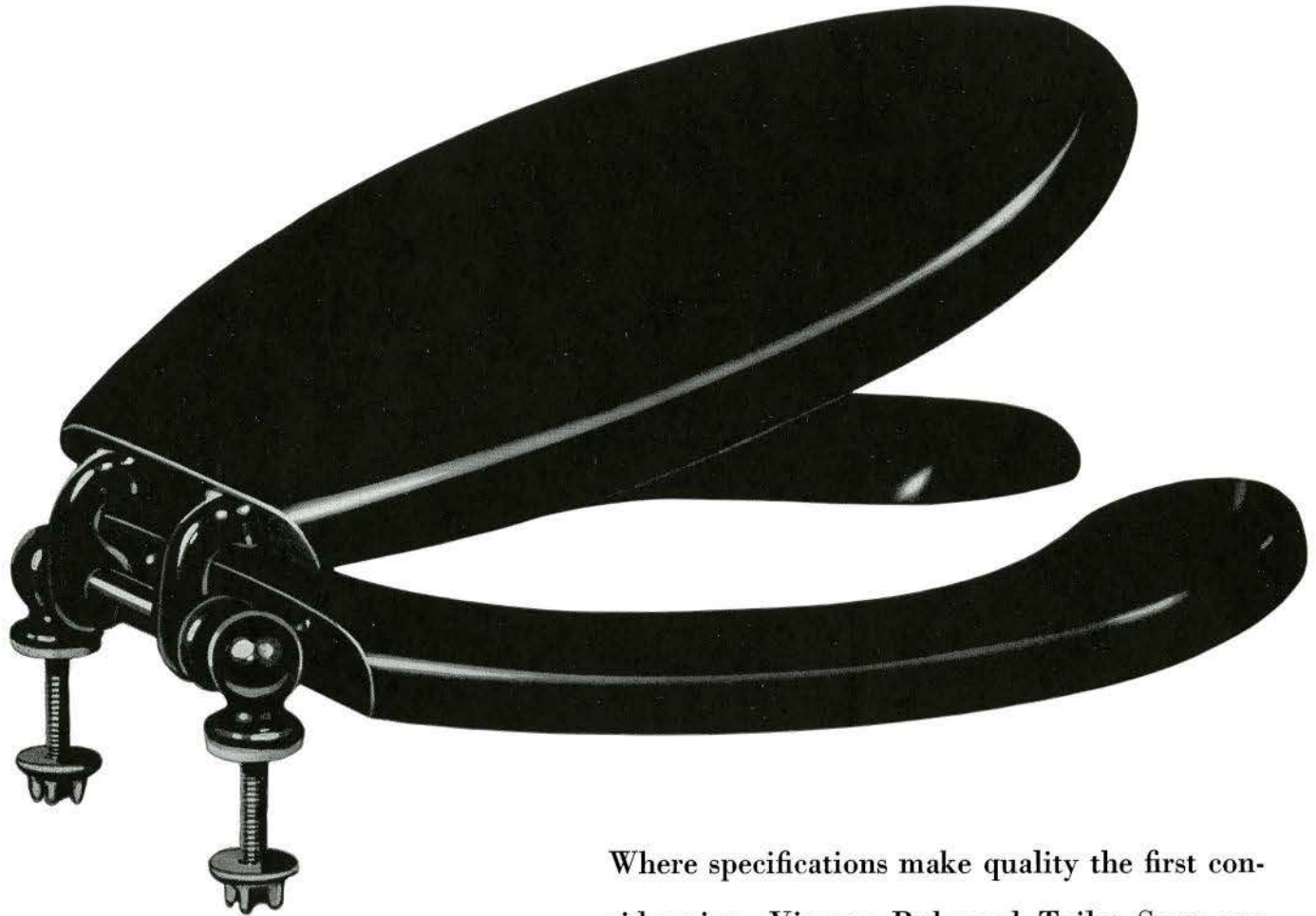


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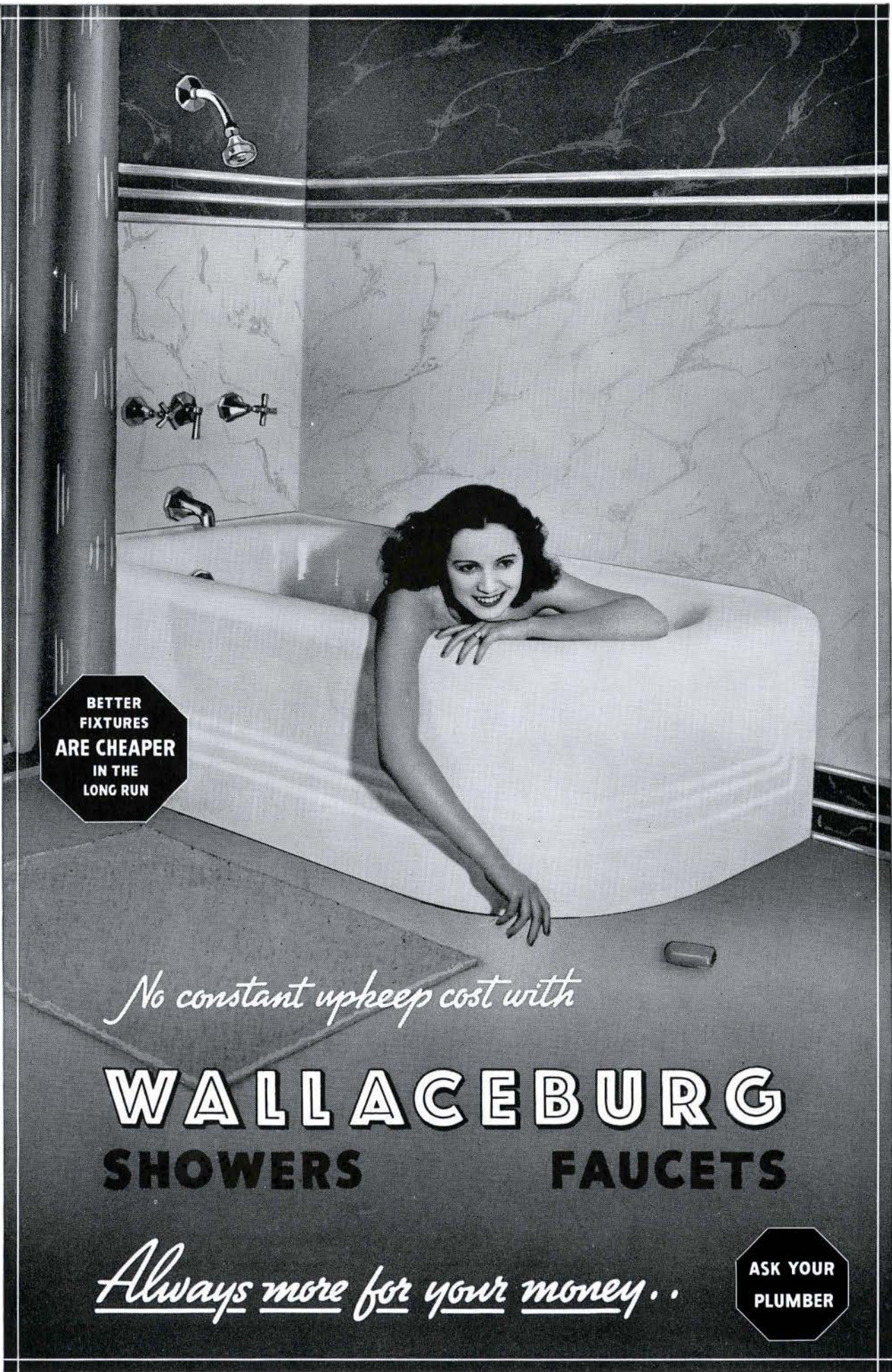
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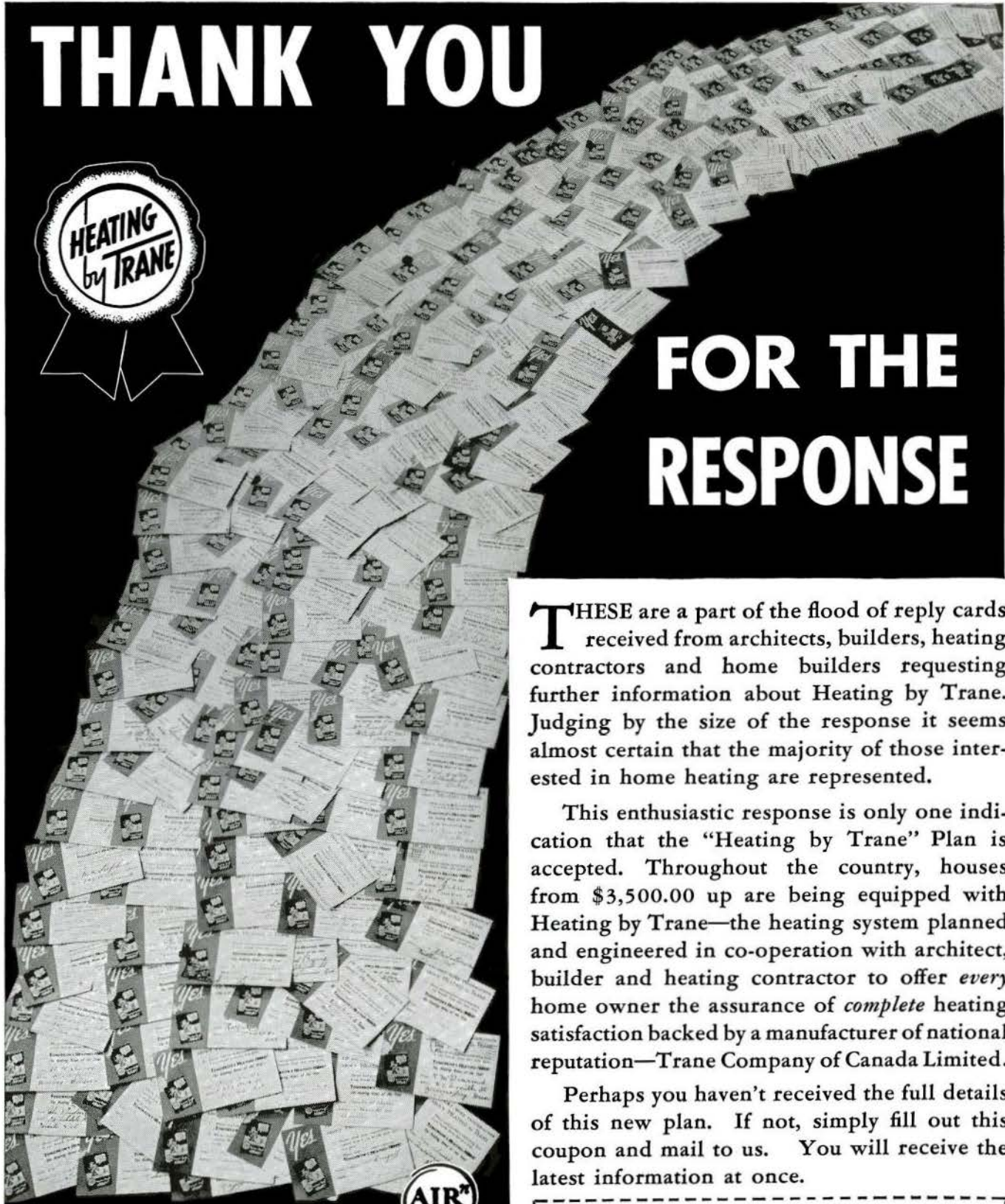
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ROYAL ARCHITECTURAL INSTITUTE OF CANADA

Serial No. 191

TORONTO, JULY, 1941

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THEY came upstream. They came by the rivers and the lakes and settled on the banks to build our towns. There is hardly a place of importance in Canada that does not owe its existence to the waters that were once navigated by canoe.

At this time of year, with an unfailing native instinct, Canadians return to the element out of which their nation was born. This year many will seek the smell, the sound and the taste of Canadian waters, in imagination only. And with what nostalgia.

In view of the historic function of the water-ways in the creation of our cities it is remarkable how few have retained their waterside character. In Montreal one must climb the mountain to recapture the vision of the Green Isle upon which the city was founded; for the water's edge is now almost inaccessible. On arriving in Toronto one does not emerge, as might be expected, upon the handsome water-front of the Bay; the Station and the City have surprisingly turned their backs upon the Lake. Winnipeg at least retains in the name of its principal street the allusion to its water-born origin; but the two rivers have not been used as the principal amenities of the city.

We are glad therefore that our Capital still remains essentially a waterside city and that the newest addition to the group of Federal buildings, the Supreme Court, recognises the Ottawa River more gracefully than did its predecessors, the Parliament buildings. (Architecturally the Supreme Court also rather gracefully bridges the gap between the Canadian "chateau style" and a manner of building developed in another great waterside capital, Stockholm.) We believe that public opinion will acclaim this as the finest building of the whole group; it has by far the largest scale and only the lower elevation of its site saves it from dominating the more fragile and delicate proportions of the Peace Tower.

But as a demonstration of what can be done to restore water to its historic place in the Canadian scene, Ottawa has something even more important to show to the country. The development of the Rideau Canal as a Parkway which throws a semicircular girdle of green around the city is perhaps Canada's most valuable contribution to the art of Town Planning. It is a tragedy that more Canadians cannot see the excellent work that has been achieved by their Federal District Commission, in order to draw conclusions applicable to their own communities.

Having with great enthusiasm appreciated the sight of ordinary Ontario subdivisions penetrated by a water-park as romantic as "The Backs" at Cambridge, we were rather shocked to look again at Mons. Greber's official plan for the National Capital. How did he handle this docile water-way which has so generously contributed to the pleasures of the town? On reaching the heart of the Capital the canal passes in front of the proposed site for the Union Station; Mons. Greber proposes that it should here disappear ignominiously into a subterranean conduit beneath the vast expanse of the Station plaza. What would Le Notre and Major L'Enfant have thought of this? Frankly we had expected more of Mons. Greber's gallic imagination.

However, to show that there are no hard feelings, we would like to submit that something should be done to prevent the gardens of the French Ministry from falling into a state of tragic, weedy disrepair. It would be gracious to do more honour to our defeated ally. . . . And to show that we are impartial in our observations we would also like to submit, with all proper respect, that some modifications should be made in the arrangement of the very beautiful grounds in which Rideau Hall stands, (and which are also very admirably maintained by the Federal District Commission). It is at present impossible to see the extremely fine colonial facade of the Residence without the embarrassment of trespassing; furthermore the planting and fencing on the boundaries of the Park seem designed to persuade Canadians that they have no business to be intruding so much as an enquiring glance upon the representative of a Royal Family which has not, after all, shown itself particularly undemocratic or exclusive.

—H. S. M. C.

SPECIAL MEETING OF PUBLIC RELATIONS AND TOWN-PLANNING COMMITTEES ON WAR HOUSING

By G. McL. PITTS

A SPECIAL joint meeting of the Public Relations Committee and the Town-Planning Committee of the P.Q.A.A. was held in the Association Rooms on Tuesday, May 6th, at 10 a.m. Those present were: Messrs. Smith, David, Lawson, Labelle, Fetherstonhaugh, Parizeau, Paine, Spence, Mayerovitch, Bland and Pitts. Mr. W. L. Somerville, F.R.A.I.C., Vice-President and Director of "War Time Housing Limited", was present by special invitation as was also Mr. Eric Arthur, Editor of the *R.A.I.C. Journal*.

In calling the meeting to order Mr. Smith welcomed Mr. Somerville and explained that he had kindly consented to come to Montreal to meet the Committee to discuss the policy and general progress being made in the provision of dwellings for war time workers by the recently created Federal Government Company known as "War Time Housing Limited".

As a preliminary to Mr. Somerville's talk, and the general discussions which followed, the Order-in-Council authorizing the setting up of the above Company was read to the meeting, indicating its purpose and powers.

In outlining the policy which had been laid down by the Company, Mr. Somerville explained conditions which had existed in the United States during the industrial expansion period brought about by the last war, and its effect on housing. Profiting by this experience, the Company was developing a programme based primarily upon the provision of temporary housing for workers as opposed to a scheme of permanent housing development.

In the United States, where large and expensive permanent housing developments had been carried out during the last war, very great difficulties arose after the war in renting and disposing of this type of housing, due to the great and sudden change in living conditions as between war and peace.

Mr. Somerville explained that in certain localities and for certain industries, it would be necessary to provide housing on a large scale. This would involve town-planning problems, landscaping, etc., with the possible provision of other accommodations.

Surveys had indicated that seven or eight families could be accommodated per acre, and the normal lot sizes were set at 40 by 100 feet. In calculating the number of houses required, 1½ workers were taken for each house. In certain localities the sentiment was very strongly for individual houses.

The amount of housing required and the type of accommodation to be provided presented a problem in each community. In some instances single one-family houses were indicated, in others terraces could be used, and where there was a volume of unmarried workers, these could be taken care of in proper staff houses.

Broadly speaking, the Company had developed two standard types of individual houses, type H (1), a bungalow type some 24 by 28 feet, with living room, kitchen, two bedrooms and bath. Type H (12) a two-storey dwelling having four bedrooms. The staff houses accommodate from 88 to 90 individuals. They were provided with a common room, and wash and bathroom accommodations, but a dining room was not an integral part of the building. Where circumstances required, a separate dining hall was built contiguous to the staff house, having accommodation for feeding from 200 to 300 at a time.

Mr. Somerville stated that the Company had been given the responsibility for the construction of a merchant-seamen's manning pool, a housing unit corresponding to a staff house which would accommodate the crew of two vessels at a time, one or two men to a room depending on their rank.

In explaining the materials and methods of construction proposed for the various units of the Company's housing scheme, Mr. Somerville discussed in some detail the question of pre-fabrication and its possibilities. It appeared evident that experience was proving that pre-fabrication to the point of preparing the material to exact sizes at the mill or some central point, was more satisfactory than the complete fabrication of large units which had to be moved from the point of manufacture to the site. It had been found in the United States that the salvage possibilities were much greater in the case of constructions carried out on the first principle than in the case of complete pre-fabrication. It was also pointed out that in view of the fact that lumber was used so extensively in the construction of these houses for the principal structural members, and as the lumber available was in a very green state, complete pre-fabrication presented great difficulties due to the excessive warping of the material due to its unseasoned state.

Coming to the detailed construction of housing units, Mr. Somerville explained that generally speaking the foundations were wood posts upon which rested the sills of the house. In some instances it was so arranged that a concrete cellar could be placed under the structure. In conditions of rock, such as Halifax, the foundations were in concrete. The walls of the house were framed on 2 x 4's at 16-inch centres,

covered on the inside with ½-inch Gyproc applied horizontally with taped joints. This was protected with a four-inch base, a chair rail and a picture rail. The outside of the studs was covered with ½-inch "Sylvaply" B.C. fir ply-board, the joints of which were filled with waterproof mastic under pressure. Behind the ply-board was installed one inch of Rockwool insulation. This wall had a thermal capacity of about .133 U-co-efficient.

The roof was constructed of 2 x 4 rafters at 24-inch centres covered with ½-inch ply-wood, over which was laid a five-year asphalt shingle roof. The ceiling or roof was insulated with ¾-inch fibre board, gypsum board or two-inch Rockwool. The floor joists were set at four-foot centres with 2 x 4 inch intermediates. The floor was of birch or maple where the same is available. Otherwise edge grained B.C. fir was used. The floor was insulated either by ¾-inch fibre board laid on the joists, or two-inch Rockwool applied between the 2 x 4 framing.

The partitions were constructed of 2 x 4 inch studs at 16-inch centres and covered with Gyproc board. These will probably be constructed of 2 x 3's in the future. The wiring throughout was "Flex-loom" wiring with metal boxes. The plumbing was standard practice, all pipes kept above the floor; flexible copper tubing had proved to be the most satisfactory and economical for installation as compared with iron pipe, and had a much higher salvage value. All traps were kept above the floor and a proper insulated connection was made with the water supply with a frost-proof key shut-off.

The houses were heated with stoves and the arrangement for the chimney was receiving special attention.

Coming to the policy of constructing these houses, War Time Housing Limited had decided that the best results were obtained by awarding lump sum contracts rather than cost plus or fixed fee agreements. In many instances the Company made arrangements for the purchasing of certain materials at rates one-third lower than the current market price, and this advantage was reflected in the cost of the housing to the Government.

It was pointed out that all the housing being provided by the Government was for rental.

There was considerable discussion as to what would eventually happen to the great bulk of this temporary housing after the war emergency had passed, and it was emphasized that these houses must not be permitted under any circumstance to create or accentuate slum conditions in the localities in which they were constructed.

In recapitulating the policy of War Time Housing Limited in connection with the dwellings which they are constructing, the following may be set out as basic:—

- (a) The housing is to be considered as temporary.
- (b) It is being provided for rent by the occupant and not for purchase.
- (c) The scheme is being carried out in such a way as to provide for its liquidation after the war and for a reasonable degree of salvage of material.

(d) The Company is to stimulate in as far as its powers permit, the construction of "permanent" housing by private enterprise, and it is not its intention to compete with the private individual in this field.

(e) Where transportation facilities are adequate, housing will be encouraged in established communities and be of a permanent type, but not built by the Company.

(f) Whereas the Company has prepared its own plans for its standardized dwelling units, the services of the architects in various communities will be utilized in the design of special structures and for the town-planning of certain developments.

(g) The services of architects will also be required in the supervision of the construction of these housing projects and study is to be given as to the basis for their remuneration based on the cost of the project, that is, on an acceptable percentage basis rather than on a salary basis.

(h) The extension of the Dominion Housing Loan Act to cover dwellings for rental will be of great assistance in the construction of permanent housing by private enterprise which in itself will be of great assistance in solving the housing problem.

(i) It was very desirable that the Architectural Profession should be represented on all local Boards functioning under the War Time Housing Limited, and such a suggestion should be put forward to the proper authorities.

(j) Suitable legislation should be provided to avoid the creation of slum conditions as an aftermath of the temporary building programme being carried out by War Time Housing Limited to meet the present emergency.

Mr. Somerville advised the meeting that his Company would welcome any suggestions which the Architectural Profession felt should be submitted to it for its consideration. He reported that at present 225 houses were under construction by the Company and that contracts for some 600 houses would be awarded in the near future. In addition to the above, staff houses were under construction to accommodate over 400 unmarried workers. To date some \$2,000,000 had been apportioned by the Company. Mr. Somerville provided the Committee with the plans of the standard units being constructed by his Company.

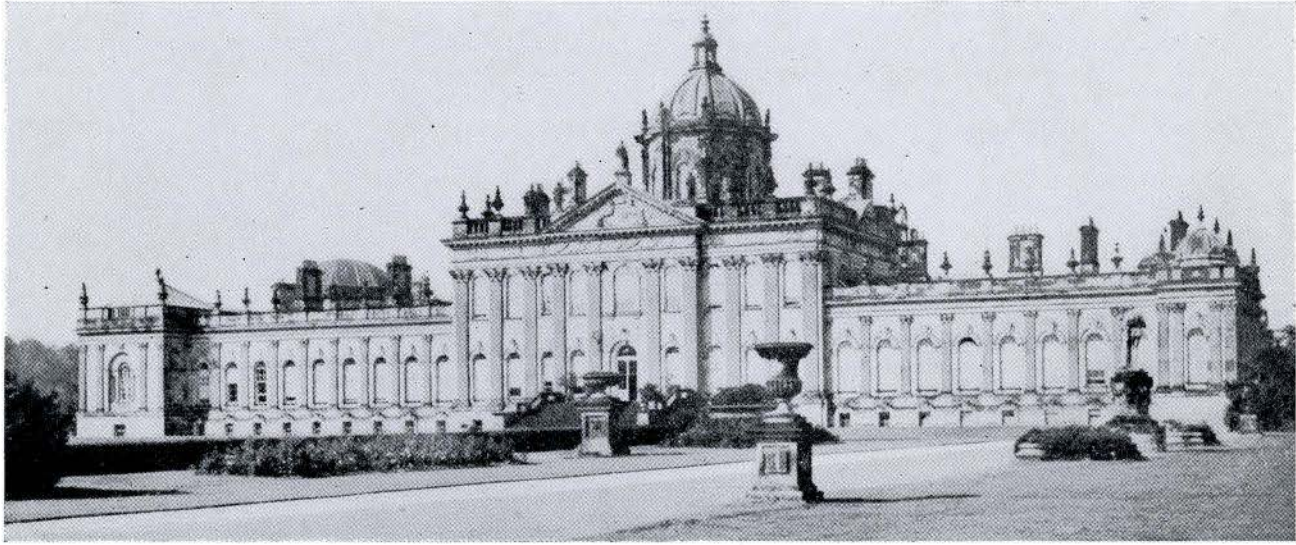
After a full discussion of all the points brought out in this conference, the Committee expressed the opinion that on the basis of Mr. Somerville's report the building programme of War Time Housing Limited was being developed and executed in a most satisfactory manner.

The meeting expressed its thanks and appreciation to Mr. Somerville for coming to Montreal and providing us with an opportunity of discussing in detail the programme which his Company has in contemplation. It was a matter of regret that Mr. Wilfrid A. Gagnon, the Quebec Director of the Company, was not able to be present due to pressing duties in Ottawa.

The Committee adjourned at one o'clock for lunch at the Arts Club.

... AS A RESULT OF ENEMY ACTION (INDIRECTLY)

By ANTHONY ADAMSON



2. *Castle Howard, Yorkshire*

CASTLE HOWARD was a fairy palace, a full-blooded, buxom fairy palace and it is sad to think that it has been destroyed as a result of a careless backwash of the enemy's action. Fairies are few these days, and handsome princes for the fairy palaces are even fewer. There was no place for Castle Howard in a new world; there was little place for it in the world we knew. It enshrined no history. It served no social purpose. As a house it must have been the acme of discomfort and expense. But it was a thing of great scenic beauty and romance, a milestone in architecture, and an inspiration to all who saw it.

Once upon a time, (we have to begin that way), there was a handsome prince who lived in a dark ancestral castle called Henderskelfe, which he hated. Once upon the same time there was a gallant soldier who spent many weary months in a dungeon of his enemies called the Bastille, which he hated too. So he took to drawing and writing plays. When he was released he had one of his plays produced in his own country which was a great success, because it was a fine barrack-room play full of obscenities; and the prince saw it and laughed till he almost forgot the gloom of his home. Then the soldier, who was now a dramatist, met the prince and told him he ought to pull old Henderskelfe down and build a palace. So the prince (whose name was Charles Howard, 3rd Earl of Carlisle), got the soldier who had become a dramatist to become an architect as well and to build a palace. So he did and it was the greatest palace in the kingdom, and the handsome prince, who was, needless to say, boundlessly rich and powerful, had the Queen dub his architect, though he was not a herald, Clarenceux, King-at-Arms, which brought him much money and few duties. Thus the gallant soldier assumed three new professions; and all his life he treated his professions as a soldier should, with some impropriety and much grand sportiveness, but always with success. And, had it not been for an evil Duchess, he would have lived happily ever afterwards. That is, shortly, the fairy-like tale of Capt. Sir John Vanbrugh (pronounced Vanbrook), known to countless friends as "Van", and of Castle Howard.

That hilarious old gentleman, Karl Baedeker, will tell you about Castle Howard as he looks out of one of his innumerable railway trains in a journey from York: "—About 3½M. to the N.W. of (16M.) *Castle Howard* (Hotel, ¾M. from the park) is CASTLE HOWARD, the seat of the Earl of Carlisle, containing a beautiful chapel and a fine collection of paintings (Velazquez, Titian, Rubens, Caracci, Reynolds, Clouet), sculptures, bronzes, tapestry, and old glass and china. The house and *Park are open daily (11-1 & 2-5)." He was a reticent man and unromantic, though the star betrays a guarded soul. Voltaire, with one of his wisecracks, said of Castle Howard and Blenheim. "If the rooms had been as wide as the walls are thick, the Chateau would have been convenient enough." But all the same it was a fairy palace, and very probably still is.

The Earl of Carlisle was thirty and Vanbrugh was thirty-five when they started raising the stone from their quarry in the spring of 1700. Building palaces in those days was an undertaking, and they worked on the house and the gardens and the park for thirty-eight years, and even then they never finished it. Carlisle lived on in his keep as the belted Earl of Henderskelfe till the palace was enough built for him to assume the new role of prince of Castle Howard, then he blew his old home up with gun-powder and the site became a lawn. Up till the building of Castle Howard, England had not seen a building in the full Italian bloom. There was Inigo Jones' Banqueting Hall, unique then as it is to-day with its dainty detail and superimposed orders. There were Wren's early buildings, especially the new front at Hampton Court, gentle, domestic buildings of brick and stone. There were the curly brick gabled houses that had come with William of Orange, a style known to-day as "Queen Anne". But Castle Howard was unlike any of these. It had a central block nine bays in width, two main stories in height above a low ground floor plinth, and in the roof was an attic floor. The four central bays were broken forward with a pediment and the whole block was pilastered with a huge flat Corinthian order, the first of its two-storied kind in England. On the South side toward the main gardens this block was flanked by two long

wings, one principal storey in height; with the ground floor treated externally as a plinth, and an attic floor in the roof. The wings had a subsidiary order of pilasters and through the whole length of the garden front the principal floor was lit by large, round-headed, key-stoned windows. The attic was partly concealed by balustrades and urns, making, with the little domes at the extreme ends of the wings, and the massive cupola atop the central block, one of the most romantic skylines of any house in England. On the North side was a fore-court formed by the central block and two lower fore-court wings. The join between these wings and the central block was relieved, as at Blenheim later, by open segmental arcades. The facades in the fore-court were heavily rusticated, the wings were augmented by massive little cupolas, and the entrance given dramatic pomp by flights of steps, the full width of the central block, up to the main front door. In the centre of the wings were two other doors with still more flights of steps.

The living quarters of the family were in the East wing on the garden front, the West wing was for visitors. The East side of the forecourt housed the kitchens and some servants, the West side housed the stables. The humourless pomp in which an eighteenth century Earl lived is hard for us to-day to understand, the necessity for the discomfort of a series of rooms of state is lost to us, so that we must not too harshly criticise the plan, though the kitchens are some hundred yards from the dining saloon. The main hall was seventy feet high with one full-height Corinthian order. Ceilings and domes were painted, and mantels carved and stuccoed by imported Italians. There was a chapel, and there were corridors and galleries with stone and marble floors. There was everything to titillate the pride of a man playing God. About the rooms there is nothing of great artistic merit, the windows were not designed, nor was the house in the least planned, from the inside out. Vanbrugh's interest was that of a dramatic scene painter, the house was built to be seen and it was given a wide paradise of park to be seen in. His gardens were more formal than they are to-day, but are still decorated with statuary, fountains, walled enclosures, urns, clipped hedges, steps and vistas beyond to the buildings of the park, temples, obelisks, towers, grottoes, arches and to the mausoleum that now holds the dust of the Carlises.

Vanbrugh was England's sole designer in baroque. His interest was in mass. His details were dramatically original, but to a purist, anathema. No single rule of Palladio was broken more than once in the same way. He was a romanticist before his time; his later houses being frankly castles defended by monstrous orders. For a first essay into architecture no Englishman has made such a splash, and it has been thought that he must have had some architectural training, but none is known of and there is no great reason for it to be looked for unduly. Wren was a mathematician, an astronomer and a botanist before the Great Fire. In those days an educated man felt he had at his finger tips the whole knowledge of the world. Knowledge, excluding theology, was broadly divided into the humanities and the sciences. Humanities included Latin, and sciences included the Arts. It was before the days of experiment and everything seemed solvable by logical, contemplative thought. Even Newton let the apple fall on him, he did not drop it. Practical things were left to the uneducated craftsman by most educated men, and Vanbrugh at Castle Howard left the practical things to Nicholas

Hawksmoor who had been trained in building since he was eighteen. It was not at all unusual for an 18th Century savant to consider himself capable of any profession. Besides Wren, there was Johnson who regretted that he was too blind to learn the "alphabet of sound", as he would have liked to "write music". Goldsmith the poet, thought to make some money by writing a book on Natural History in which cows shed their horns every two years. The difference between Goldsmith's unusual treatment of cows and Vanbrugh's unusual treatment of arch impostes was then considered only a difference in degree. Besides this Vanbrugh's active mind had had an enforced education in the gentlemanly captivity of the Bastille, a prison that looked out on the greatest city of Christendom. He had books and paper, but he had neither Edgar Wallace nor Henry Luce then to distract him from the higher thoughts.

Castle Howard is not the first great house of Vanbrugh's to be destroyed. Eastbury was the first, third only to Castle Howard in size. Lord Temple, who had already built Stowe, inherited Eastbury from Bubb Doddington, his uncle. He could not use it, nor rent it, nor sell it, and after offering anybody £200 a year if they lived in it, he blew it up with gunpowder; though Bubb Doddington, a chemist's son, had spent £140,000 in "finishing" it during his lifetime. Gone is Seaton Delaval too, burned down and smeared by coal mines, the seat of the mad and cursed Delavals who all died violent deaths, from the first, who, roaring drunk, fell from Vanbrugh's portico to break his neck, to the last, kicked in a vital organ by a girl he was attempting to seduce. Gone is Claremont and now Castle Howard; and gone too, perhaps, into the cordite air of London is the dust of Vanbrugh with the smoke and destruction of St. Stephen's Walbrook, London. His only son is gone too, early in his short life, killed at Fontenoy in his red coat.

When the present war became dangerous, the kind Miss Howard who is the present owner, welcomed to the Castle's gorgeous bosom a nest of little vipers, among whom was our gallant editor's niece. They were the Queen Margaret's evacuated school for Girls. How they came to burn the house down is not known, but the entire central block is now gutted and the disintegrated stones of the cupola lie in the ashes of the basement. It was done at night, and as the roaring death pangs of Carlisle's pride echoed through the rooms, they were met by the shrill whinnies of little girls in nighties skittering like Queen Anne's Tories before the Georgian blast of Carlisle and the noble Whigs.

*Live on, gaunt gilded Palace 'mid the stars
That shine on proud Persepolis of yore.
Thy light is dark. But those men-vultures Mars
Has spawned upon the world came not to roar
At thee, great Castle Howard. Those that came
Came not to spill the blood of Earls, blue-dyed,
Upon thy marble floors. A careless flame
Has laid the gorgeous core of Carlisle's pride
In ashes. And, whilst rival Blenheim's son
Again stands leader of the English tide,
Thy doom came not in tumult 'gainst the Hun
But housing little girls. So tumbles pride;
Yet lives bold Vanbrugh's wreck, and still assaults
The minds of men in whom ambition vaults.*



Associated Screen News Ltd. photos.

GENERAL VIEW OF CHAPEL OF ST. JOHN

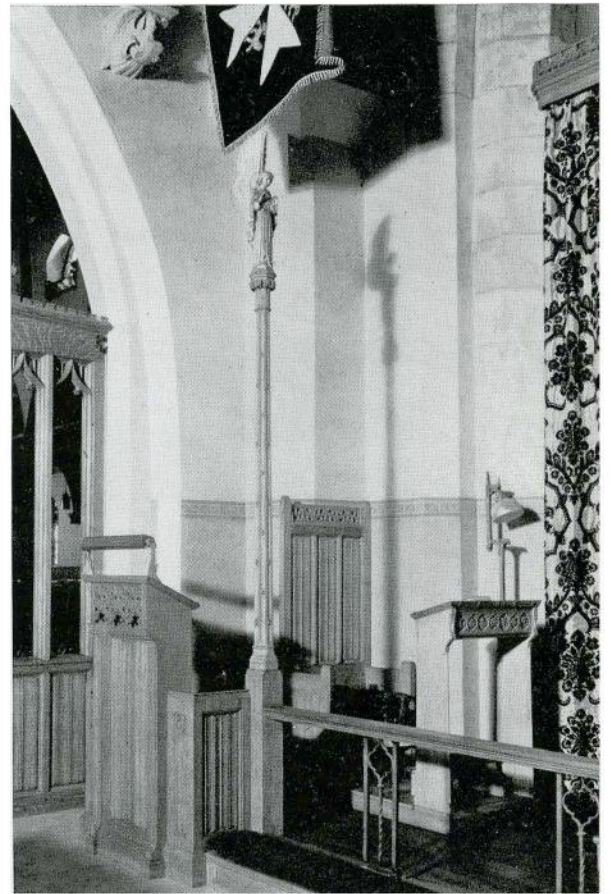
Herbert Molson Memorial

CHRIST CHURCH CATHEDRAL, MONTREAL, QUEBEC

NOBBS AND HYDE, ARCHITECTS



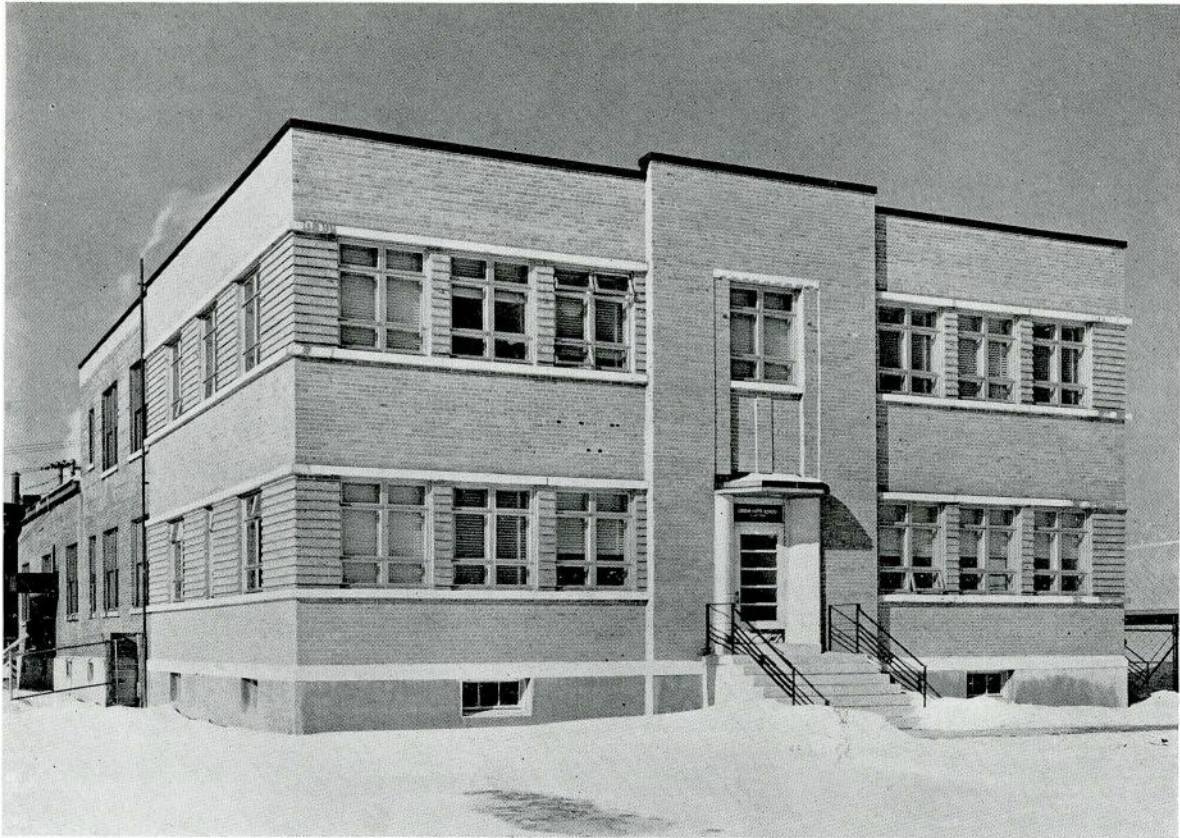
KERRY MEMORIAL SCREEN
WITH ARMS OF DIOCESE



DETAIL OF CHAPEL FURNITURE



NEW SCREEN FROM TRANSEPT



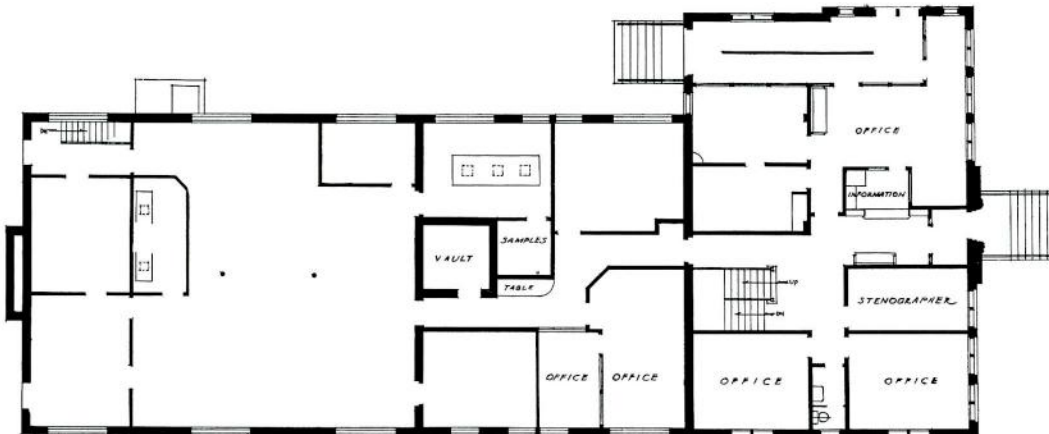
Associated Screen News Ltd. photo.

OFFICE BUILDING, MONTREAL EAST, QUEBEC

PERRY, LUKE AND LITTLE, ARCHITECTS



SECOND FLOOR PLAN



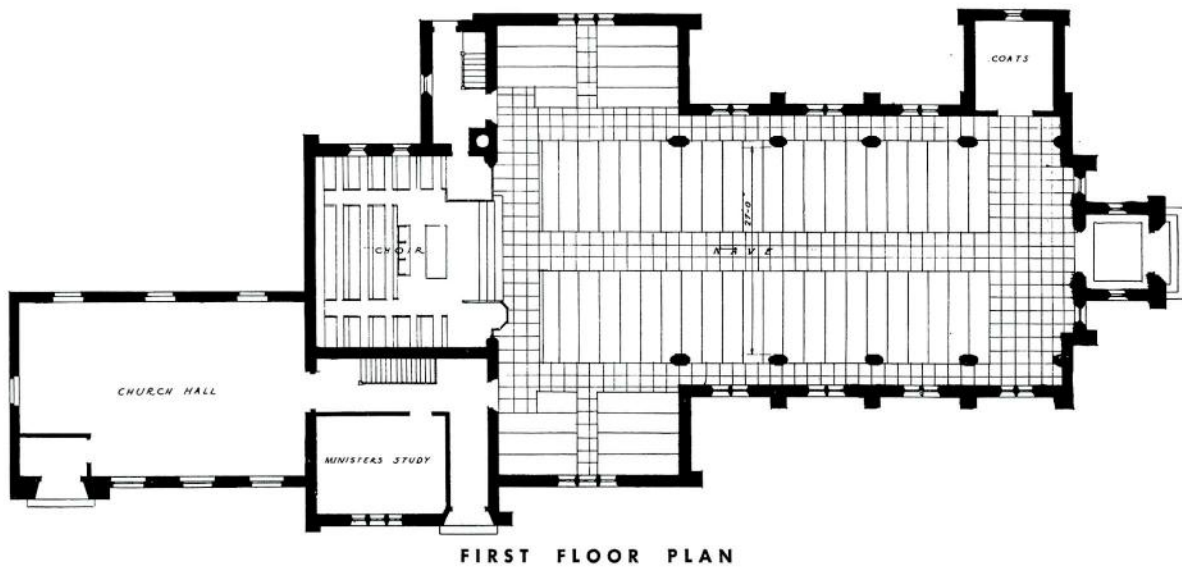
FIRST FLOOR PLAN





Associated Screen News Ltd. photo.

**ST. LAMBERT UNITED CHURCH, MONTREAL, QUEBEC
PERRY, LUKE AND LITTLE, ARCHITECTS**



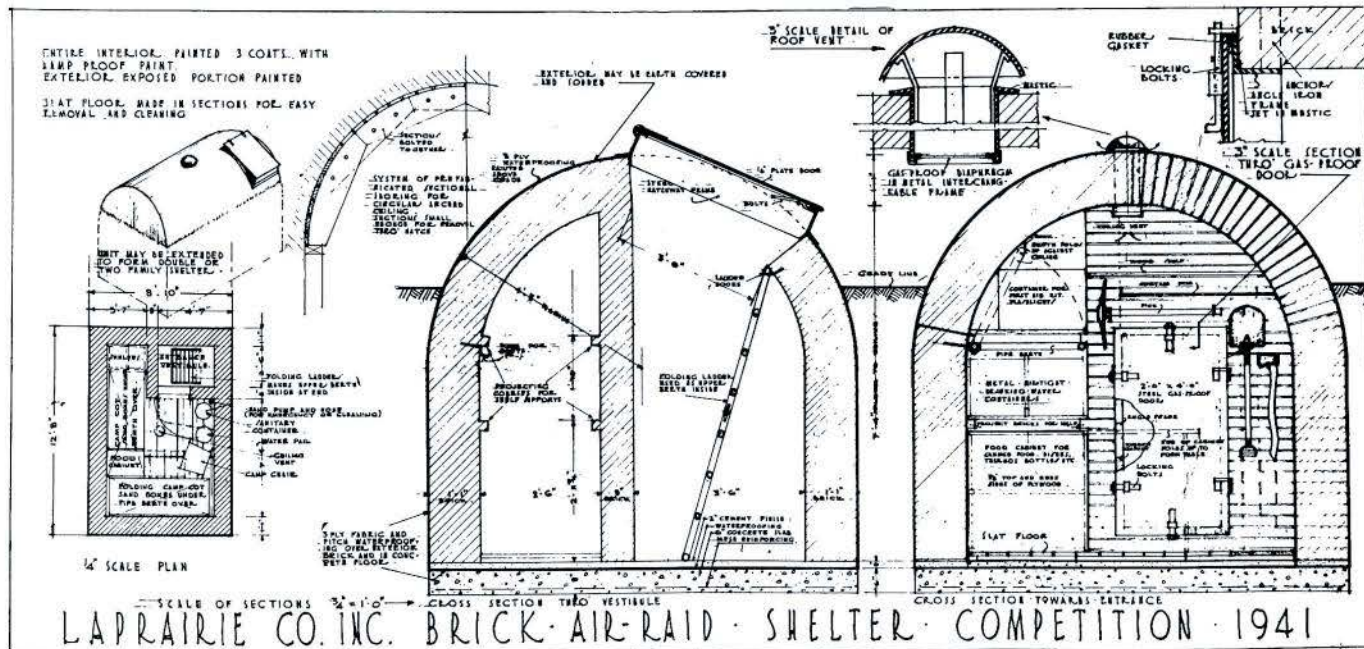
COMPETITION FOR A BRICK AIR-RAID SHELTER

THE following drawings received first and second awards for a brick AIR-RAID SHELTER in a competition sponsored by the Laprairie Company, Inc. and held by the P.Q.A.A.

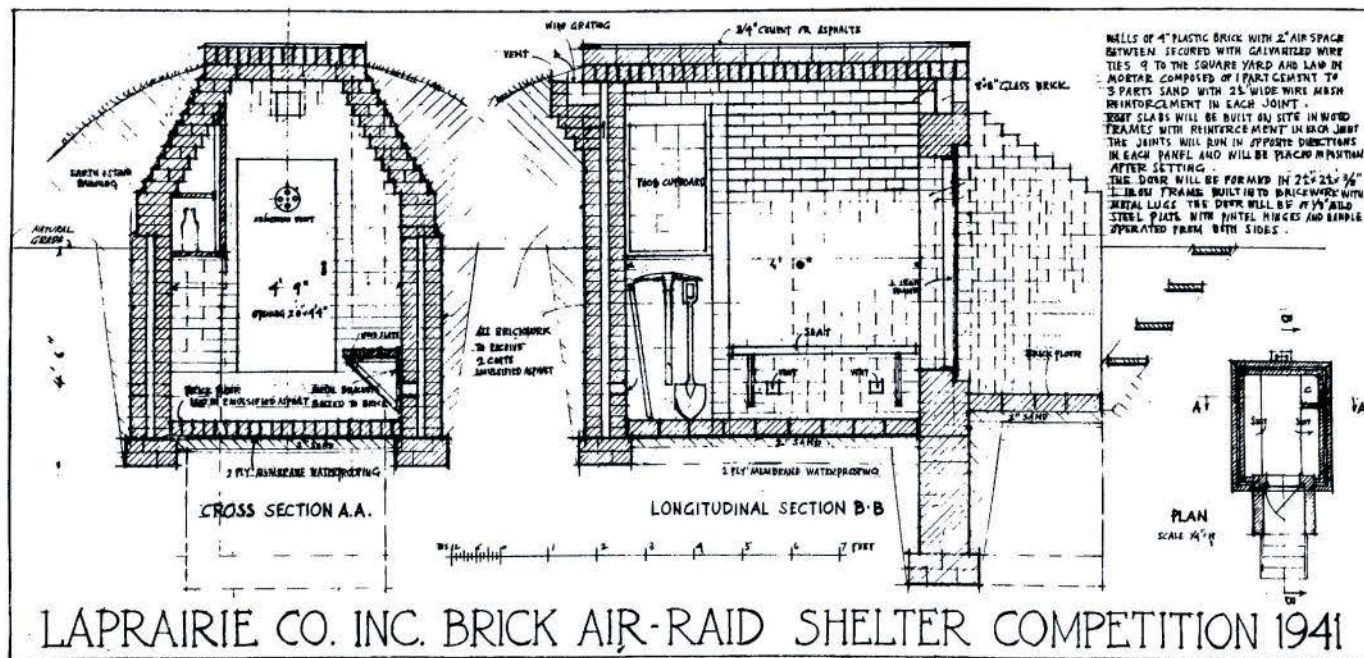
The first prize of two hundred dollars has been awarded to Mr. W. E. Noffke, F.R.A.I.C. of Ottawa, and the second prize of fifty dollars has been awarded to Mr. David J. Moir, A.R.I.B.A. of Montreal. Members of the Jury were

Messrs. J. Roxburgh Smith, H. R. Wiggs, H. S. Labelle, and M. Parizeau.

The intention of the Promoters was to provide an AIR-RAID SHELTER which might be economically built of brick and suitable for construction partly underground and within the limits of the average house lot. It was required to accommodate at least five persons and to provide space for a limited quantity of food, water and tools.



FIRST PRIZE: W. E. NOFFKE



SECOND PRIZE: D. J. MOIR

PROVINCIAL PAGE

ALBERTA

Dislocation of accommodation occasioned by the occupation of buildings for air training is being felt by a number of institutions. At the University of Alberta, as mentioned last month, several hundreds of students will be out of luck as regards places of residence. This will probably be met by crowding private residences with lodgers. The University Dining Hall being now taken over by the air school the University is contemplating the erection of a cafeteria to feed the three hundred or so who formerly used the Dining Hall. The Normal School being also taken over for military teaching purposes the work of that school will be transferred to Garneau High School necessitating very considerable alterations and extensions including a new gymnasium building. As the Normal School building also housed the travelling libraries of the university, quarters will have to be found to accommodate the books and the work of circulating them throughout the province.

In the cities of the province the peak of issuance of permits for building was reached in April. The May total amounted in Edmonton to \$256,290, in Calgary to \$182,300. The figures for the first five months of the year were for Edmonton \$842,080 and for Calgary \$1,266,324. This, as compared with 1940 is a decrease for Edmonton of \$94,660 and an increase for Calgary of \$758,242. Dwellings for the month account for considerably more than half in each case, but even the increase in this item leaves both cities much in arrears in the matter of housing. The recent civic census in Edmonton announces a population of 93,924, exclusive of men who are in the city for military training, an increase of 2,201 over the previous year. Allowing four to a household this would suggest that 550 new housing units were required. During 1940 four hundred and thirteen houses were built, including those of a cost lower than \$1,000. It will appear from this that in Edmonton and probably in other cities somewhat similarly situated the housing accommodation falls farther behind each year. If the question of after-war social reconstruction is to be taken up seriously this is one of the matters that must be seriously tackled.

—Cecil S. Burgess.

MANITOBA

Other than Government work for the R.C.A.F., the chief activity in Manitoba is the small house costing from four to six thousand dollars. There is some private commercial work in progress or proposed with "plans by Owner's Staff" and the small amount of work in the hands of Architects now must await permission from Ottawa. In short, architectural practice in Winnipeg seems to be at a record low.

This, in spite of the fact that the need for architectural services is recognized in all active building fields today. Large firms who do their own work employ graduates of the Architectural Schools, and in some cases registered Architects, as permanent staff. The speculative builders who are doing a large number of small houses are employing undergraduates or graduates, and even the smaller lumber companies are doing the same to provide "Free Design Service". Architects are the best qualified to provide this needed service and therefore should be in an advantageous position, yet the present trend seems to be against all pro-

fessions. The entire public buying practice is directed away from the employment of professional advice and towards a single payment transaction, regardless of how many hidden charges are included. The idea of paying an Architect's fee appears like an "extra" and is contrary to present day habit, a fact which large engineering-contracting firms are making the most of on all sides of us.

It seems therefore, that we must either educate the public to do business our way or else revise our practice in accordance with realities of today's business habits.

We believe our way is the best and numerous successful works have proved it, yet how can we reach any sizable market for our services if we have never made an effort to inform the public of our existence? Some of our provincial associations have made efforts in this regard, but a national co-ordinated effort would be many times as effective.

A revision of present professional practice offers a number of interesting possibilities. Our present rigid scale of fees does not always leave clients satisfied that they have obtained value for the fees paid. The minimum of charges for preliminary investigation of a client's problem would prevent him from going to a Contractor for "free" advice. Our attitude towards advertising and publicity certainly needs revision. Our exact place and function in the construction set-up could be enlarged to include complete management, complete work by sub-trades, or any other services which would increase the possibility of our employment. The integrity and responsibility of a professional man does not seem so necessary in these days of government regulation, dignified, almost pontifical advertising, and long term guarantees, so perhaps a business rather than a professional practice might have more appeal to the public.

The articles by Mr. Percy E. Nobbs on fees, in a recent number of the *Journal*, were excellent and more ideas like these should be published. To the Architect the *Journal* is the only contact with the profession as a whole, and it does offer our best medium for an exchange of ideas. Strong leadership by the R.A.I.C. presented through the *Journal* is a vital necessity for all Architects at this time.

—R. E. Moore.

ONTARIO

The Annual meeting of the National Construction Council was held at Toronto toward the end of last month, but too late for the June number. The new president is A. S. Mathers, and the executive committee includes two other architects, Burwell R. Coon and Gordon M. West. In accepting the office, Mr. Mathers expressed the hope that the constituent organizations would set up committees to survey the effects of the war upon their various interests and to make what preparation is possible for dealing with post-war problems, with a view to comprehensive planning for the rehabilitation of the entire industry on the basis of private enterprise.

In the meantime, Hamilton leads the way so far as building activity is concerned. The National Steel Corporation is having plans prepared for an interesting project—a welfare building for women, with locker room, showers, dining room and cafeteria. A contract has been awarded for further additions for Canadian Westinghouse Co. Ltd.,

and sketch plans have been drawn for additional accommodation for nurses at the Barton Street Hospital, to include assembly hall, demonstration room and study room. All these are being handled by local architects.

From the same city comes news of a serious shortage of houses; so serious, in fact, that the Board of Control has discussed the feasibility of converting a factory building into temporary accommodation. The population is reported to have increased by several thousand during the past twelve months — due to very rapid growth in the city's industrial capacity — and overcrowding has reached a point which is viewed with alarm by civic officials. Wartime Housing, Ltd., have a programme under way, but it is regarded — by some of those on the spot, at any rate — as quite inadequate to meet the need already existing.

Town planning had an innings in Toronto recently, when a deputation from a number of representative bodies, including the O.A.A. and the Toronto Chapter, visited the City Hall to urge that a commission be set up to control future development. The deputation was well received, and the Mayor, Dr. F. J. Conboy, subsequently made it quite clear that he is entirely in favour of action along the lines suggested; but the echoes of the discussion had scarcely died away before one of the evening dailies fired an editorial broadside at this presumptuous interference by irresponsible bodies bent on plundering the civic treasury and undermining the very foundations of democratic civic government! (See Ontario notes in the May issue).

The Toronto Chapter golf tournament originally scheduled for the 30th June, has been postponed to the 10th July. Full details — we hope — in the next issue.

—Gladstone Evans.

QUEBEC

We are writing with the Ontario number of the *Journal* before us and take the opportunity to inform our confreres of that Province that it attracted much favourable comment. Those of us who sniffed printer's ink three months ago on the Quebec issue were especially interested, as well as appreciative, knowing from experience that there is fun but also much labour involved in assembling materials and setting up a complete number. It would be a great help if more of our members would send contributions to the *Journal*. There must be many in this learned profession who could send something worth while for the instruction and edification of those of us who are not so talented.

The "City for Living" exhibition has now been on view in three places, the Art Gallery, City Hall and the Arts and Crafts Show which closed on July 1st. Probably forty thousand people have seen it by this time and in its silent way it may have an influence on more people than we dream.

The Council at the last meeting was pleased to agree to a proposal from General Panet that the time of employment of architectural students in the Engineering Services of the Army be considered equivalent to the indenture required in an approved office on the understanding that such employment is under the direction of a professional superior.

Two of our esteemed members have been given appointments lately which please us considerably. The first was that of Charles David to a directorship with Wartime Housing Limited and the second being the appointment of Henri Labelle to the Priority Board with special oversight of work originating east of the Ottawa River.

Professor Philip Turner has now completed a long period of devoted and useful service in the Architectural Department of McGill University and a valedictory luncheon was given recently in his honour at the Faculty Club by his friends and associates of the University. His larger circle of friends beyond the academic halls join in spirit to wish him health and happiness in the leisure before him.

—Harold Lawson.

THE COLLEGE OF FELLOWS HONOURS RETIRED ARCHITECTS

The Executive Committee of the Royal Architectural Institute of Canada has pleasure in announcing that the College of Fellows has elected to Life Fellowship, Professor C. H. C. Wright, B.A.Sc., retired Head of the School of Architecture, University of Toronto, Toronto, Ontario, and Professor Ramsey Traquair, M.A., F.R.I.B.A., retired Director of the School of Architecture, McGill University, Montreal, Quebec, in recognition of their long years of service to the profession.

ORDER-IN-COUNCIL GOVERNING THE LICENSING OF COMMERCIAL AND INDUSTRIAL CONSTRUCTION

The Executive Committee of the R.A.I.C. wishes to advise the members that copies of the Order-in-Council and amendments governing the requirements for licensing of commercial and industrial construction, also forms for applications for licenses, may be obtained by applying directly to the Priorities Officer, Dept. of Munitions and Supply, Ottawa, Canada. Up to this date of July 8th, 1941, no further information as to the policy of the Priorities Board has been made available. Members are advised to communicate directly with the Priorities Officer for all information, and replies, it has been found, will be received immediately.

NOTICE TO MEMBERS ARCHITECTURAL ASSISTANT REQUIRED

An Architect who maintains two offices (one in Toronto), wishes to employ an assistant, who is experienced in building superintendence, dealing with contractors, contacting clients, and, preferably, detailing. Write the Secretary, R.A.I.C., 74 King Street East, Toronto, giving full particulars as to education, experience, age, salary expected.

REPORT OF THE ART, SCIENCE AND RESEARCH COMMITTEE, TO THE R. A. I. C. EXECUTIVE, IN TORONTO, JULY 4th, 1941

We wish to submit a List of Publications that we consider might be of considerable interest to the Profession throughout Canada. Any of these Books or Pamphlets may be obtained by application to the Department of Mines and Resources at Ottawa, Ontario.

In connection with the National Building Code, we wish to report that the final draft of Part IV, FIRE PREVENTION, has been approved, and the complete Code will be published very shortly.

LIST OF PUBLICATIONS BY DEPARTMENT MINES AND RESOURCES, CANADA

- (E) *100. The building and ornamental stones of Canada: Vol. I, Ontario. 376 pp., 77 pls., 21 figs. By W. A. Parks, 1912.
- (E) 203. The building and ornamental stones of Canada: Vol. II, Maritime Provinces. 264 pp., 45 pls., 9 figs. By W. A. Parks, 1914.
- (E) 279. The building and ornamental stones of Canada: Vol. III, Quebec. 304 pp., 52 pls., 12 figs. By W. A. Parks, 1915.
388. The building and ornamental stones of Canada: Vol. IV, Manitoba, Saskatchewan, and Alberta. 333 pp., 56 pls., 6 figs., 1 map (not marked). By W. A. Parks, 1917.
- (E) 549. Report on structural materials along the St. Lawrence river between Prescott, Ontario, and Lachine, Quebec. 119 pp., 30 photographs, 5 figs., 3 maps—Nos. 551, 552, and 553 inclusive. By J. Keele and L. H. Cole. Appendices: A—Pleistocene and recent fossils of the St. Lawrence valley, from Prescott to Beauharnois. By E. J. Whittaker. B—Ordovician fossils from St. Lawrence canal system localities, Ontario and Quebec. Collected by L. H. Cole and J. Keele; identified by Alice E. Wilson 1922.
690. Investigations in ceramics and road materials, 1926. 70 pp., 1 fig., 1928.
Brick sizes in Canada. By Howells Frechette.
706. Comparison of cost and convenience of house heating with various fuels. 8 pp., 1 fig. By E. S. Mallock, 1929.
714. The gypsum industry of Canada. 116 pp., 15 pls., 31 figs., 13 tables, 2 maps—Nos. 717 and 718. By L. H. Cole, 1930.
719. Limestone in industry. By M. F. Goudge.
742. Limestones of Canada, Part II: Maritime Provinces. 186 pp., 29 pls., 12 figs., 2 maps—Nos. 740 and 741. By M. F. Goudge, 1934.
- (E) 755. Limestones of Canada, their occurrence and characteristics, Part III; Quebec. 274 pp., 36 pls., 13 figs., 2 maps—Nos. 756 and 757. By M. F. Goudge, 1935.
766. Laboratory tests on structural assemblies of brick and tile. 33 pp., 2 pls., 1 fig. By L. P. Collin, 1935.
781. Limestones of Canada. Part IV.—Ontario. By M. F. Goudge.
793. Improving the properties of Clays and Shales, by J. G. Phillips. (Effect on bricks.)
33. Preliminary report on an investigation of the treatment of certain western clays to overcome drying defects. April, 1928. (Improvement of bricks was accomplished by this treatment.)
50. Raw materials for the manufacture of rock wool in the Niagara Peninsula of Ontario.

* Out of print at the present time.

Respectively submitted,

W. J. ABRA,

Chairman, Art, Science and Research Committee

LIST OF MEMBERS, 1941

THE ROYAL ARCHITECTURAL INSTITUTE OF CANADA

FOUNDED 19th AUGUST, 1907

INCORPORATED BY THE DOMINION PARLIAMENT 16th JUNE, 1908, 1st APRIL, 1912, AND 14th JUNE, 1929

ALLIED WITH THE ROYAL INSTITUTE OF BRITISH ARCHITECTS

FEDERATION OF THE ALBERTA ASSOCIATION OF ARCHITECTS; THE ARCHITECTURAL INSTITUTE OF BRITISH COLUMBIA; THE
MANITOBA ASSOCIATION OF ARCHITECTS; THE NOVA SCOTIA ASSOCIATION OF ARCHITECTS; THE ARCHITECTS
ASSOCIATION OF NEW BRUNSWICK; THE ONTARIO ASSOCIATION OF ARCHITECTS; THE PROVINCE OF
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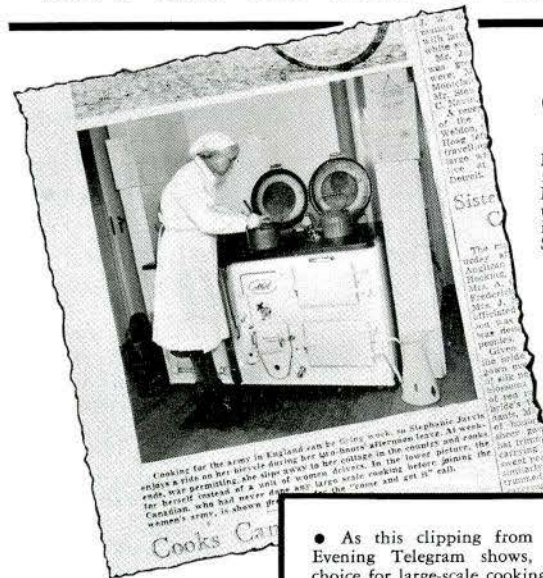
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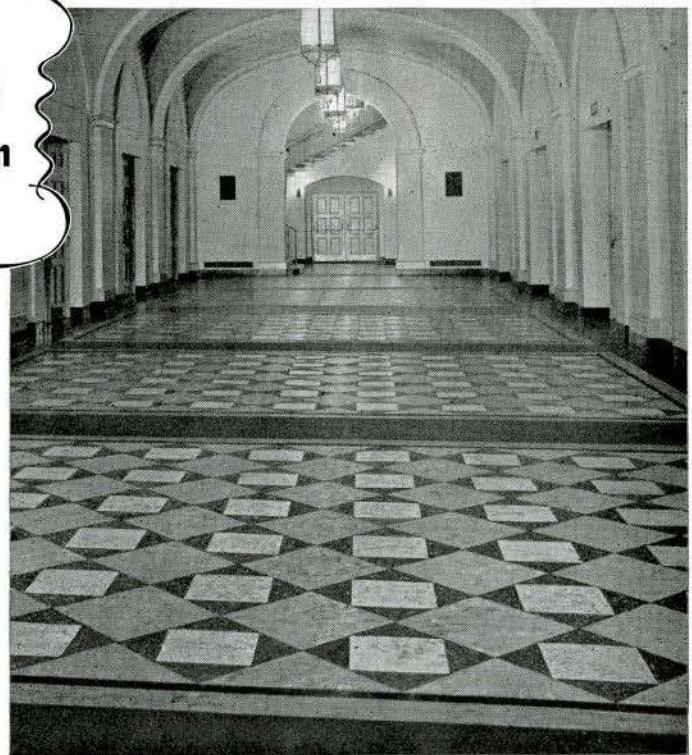
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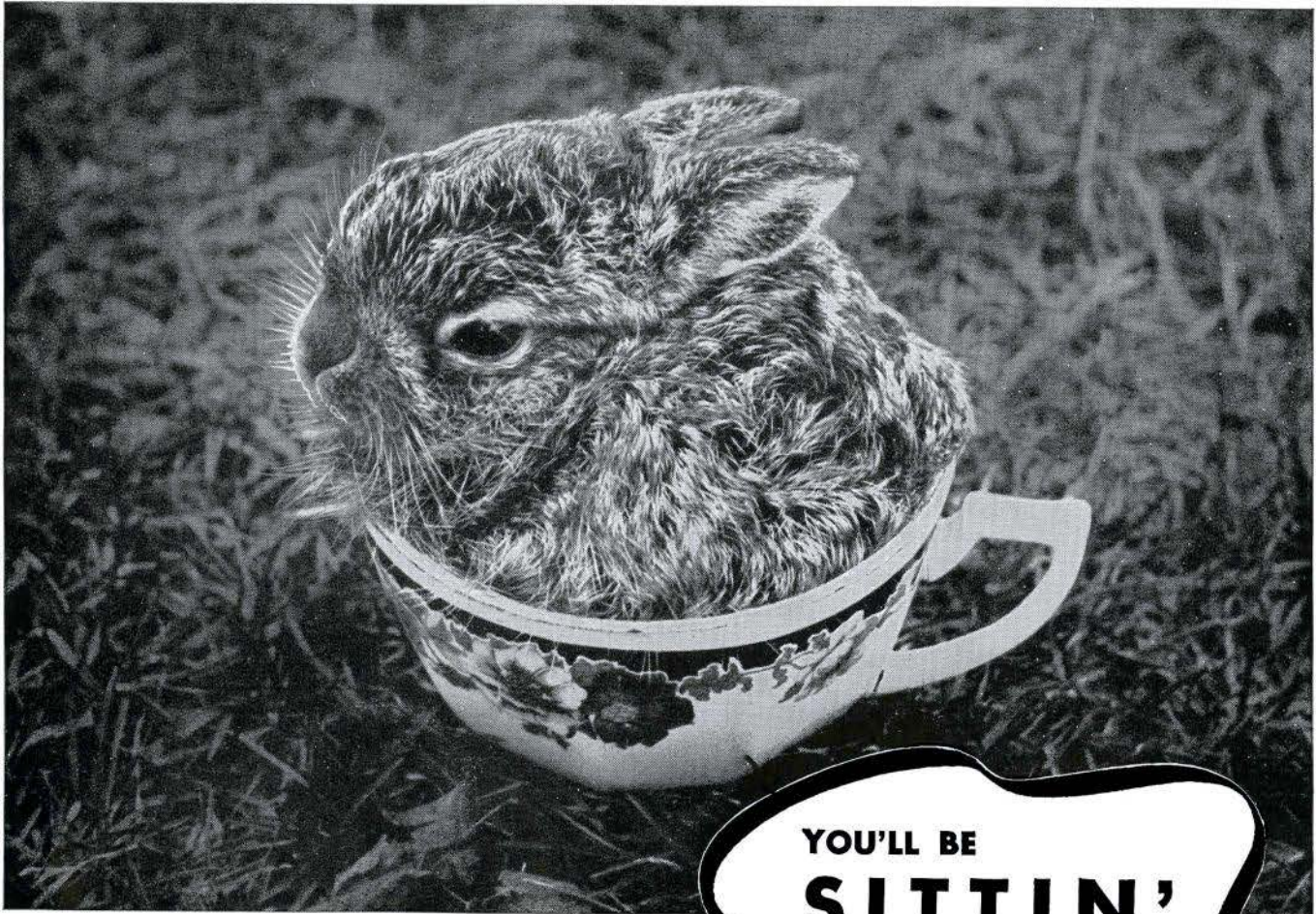
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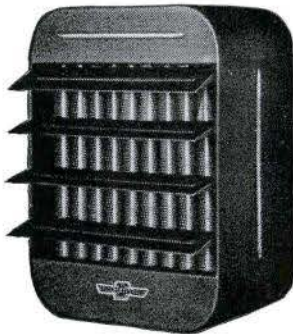
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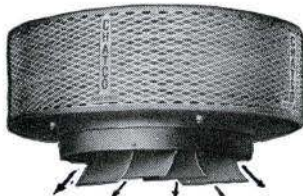




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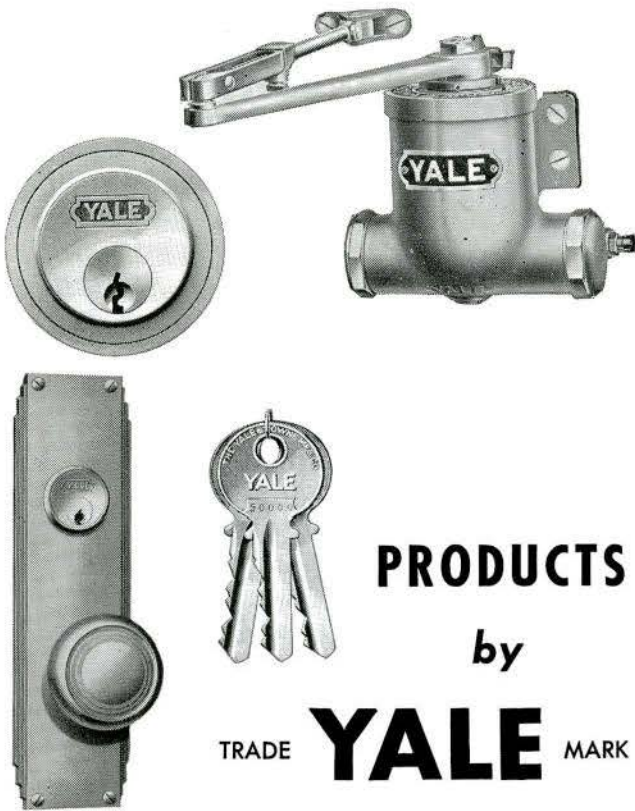
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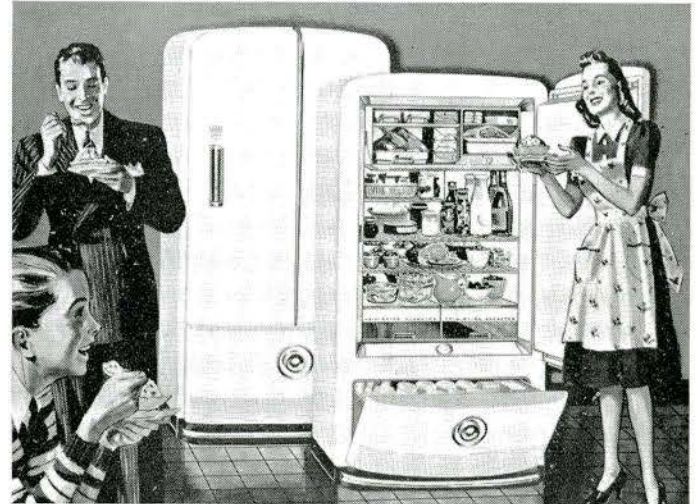
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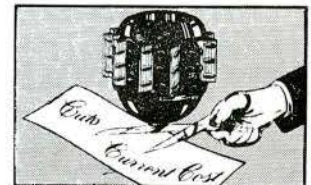
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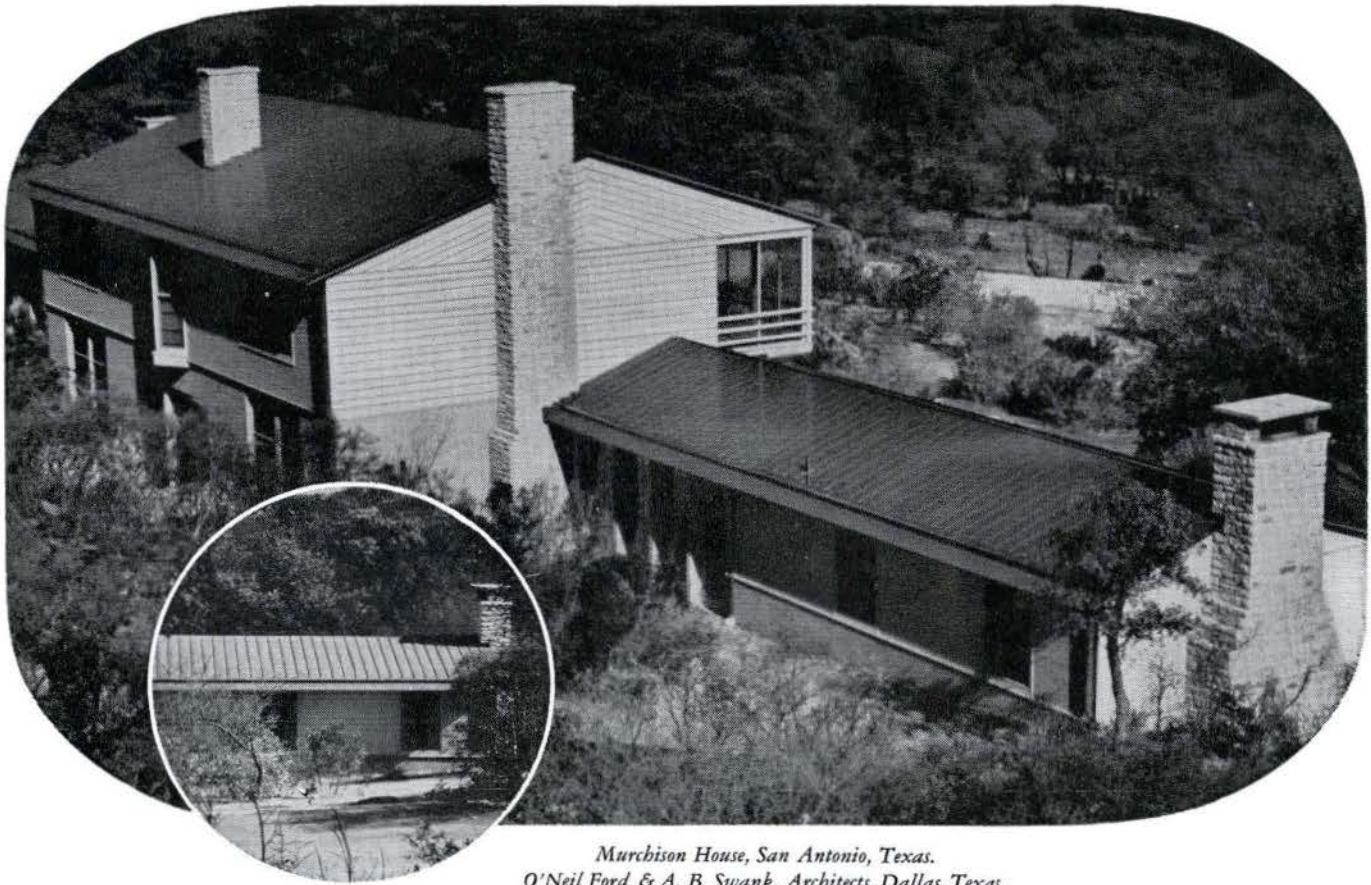
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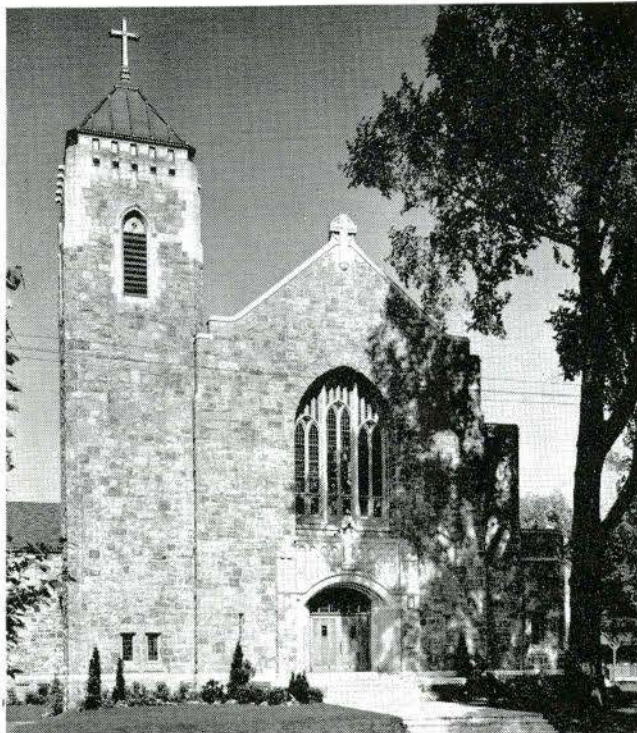


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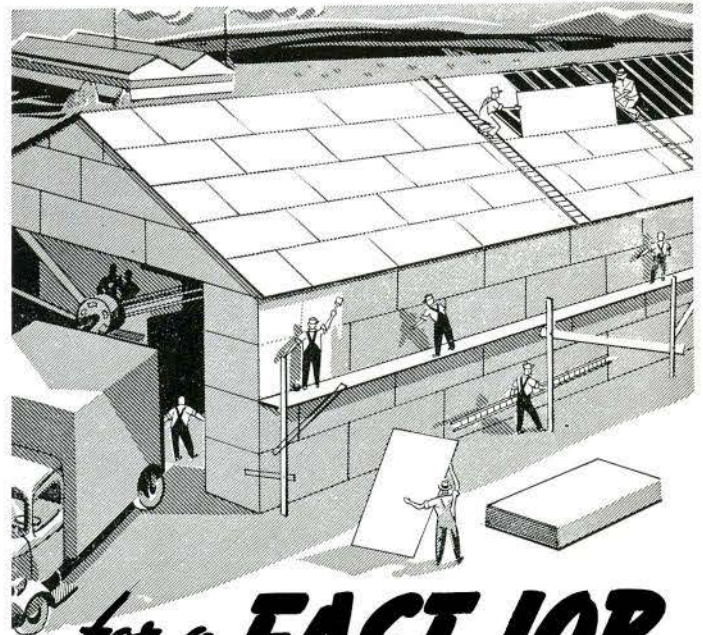
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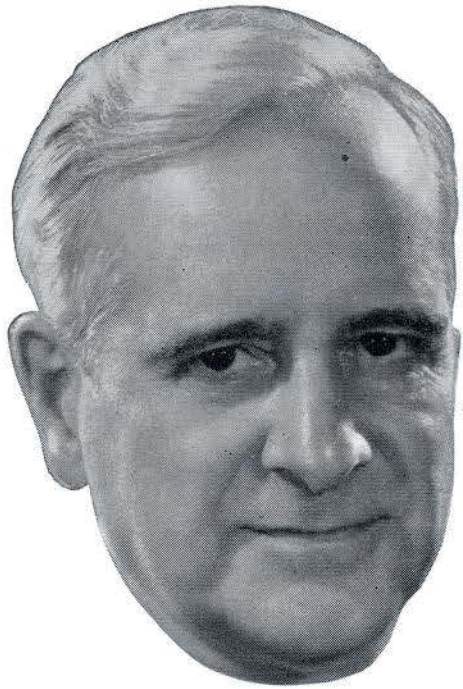
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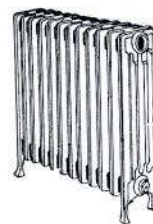


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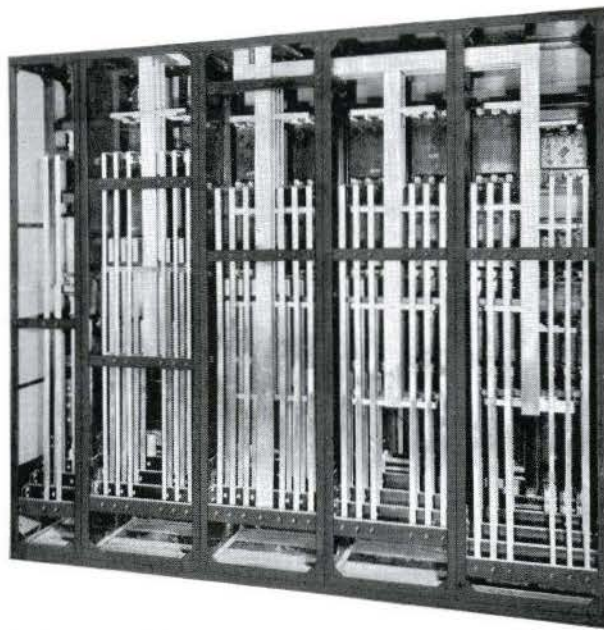
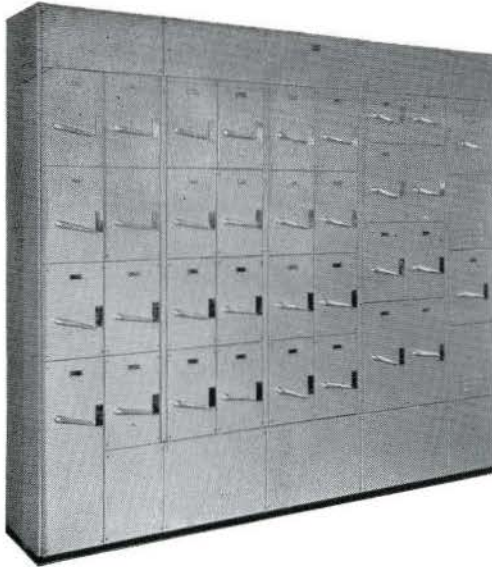
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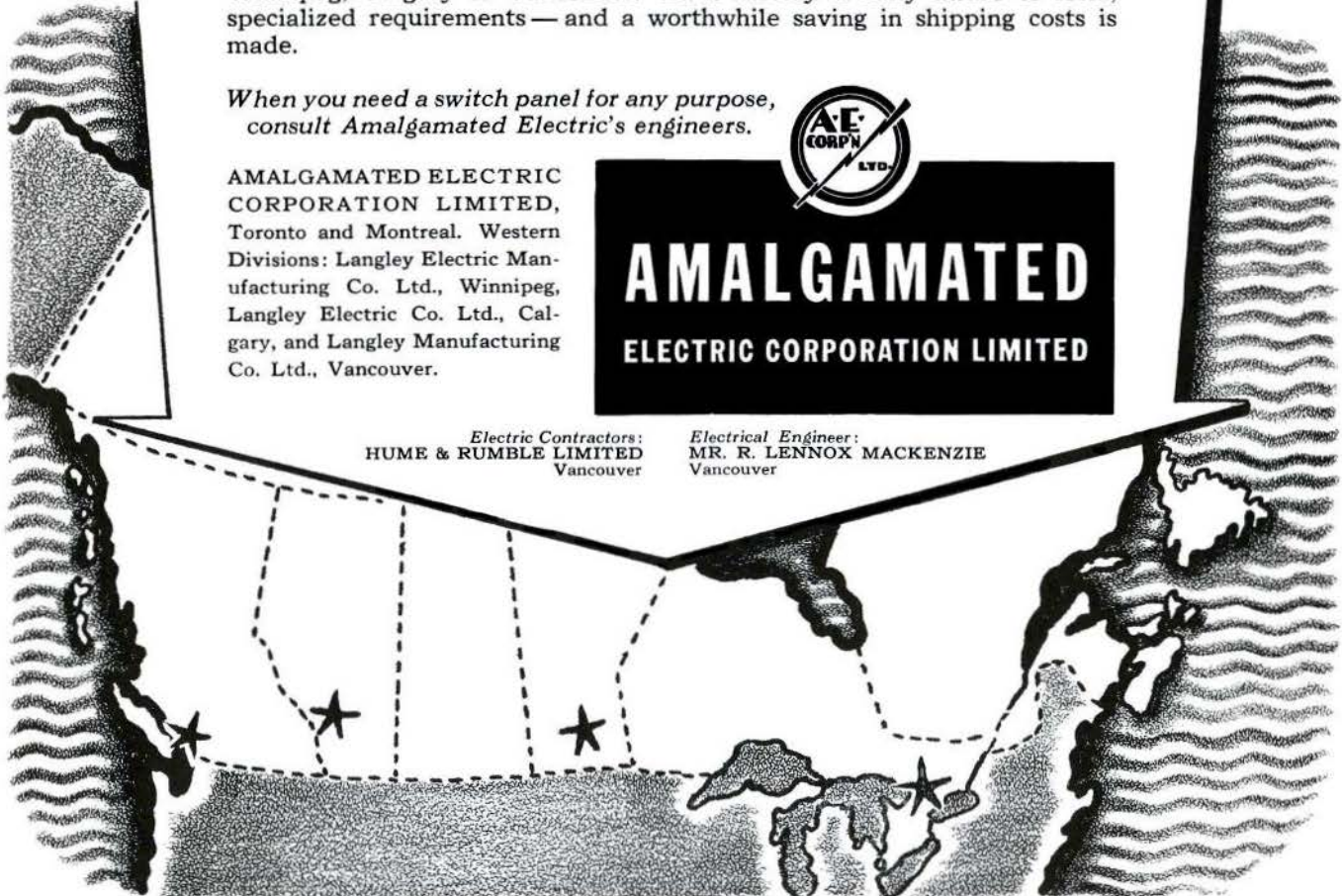
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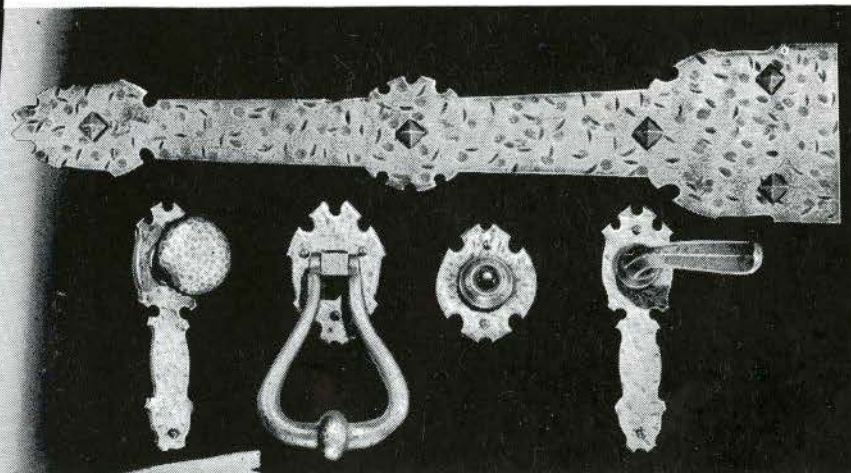
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