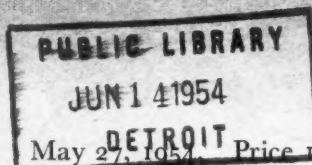


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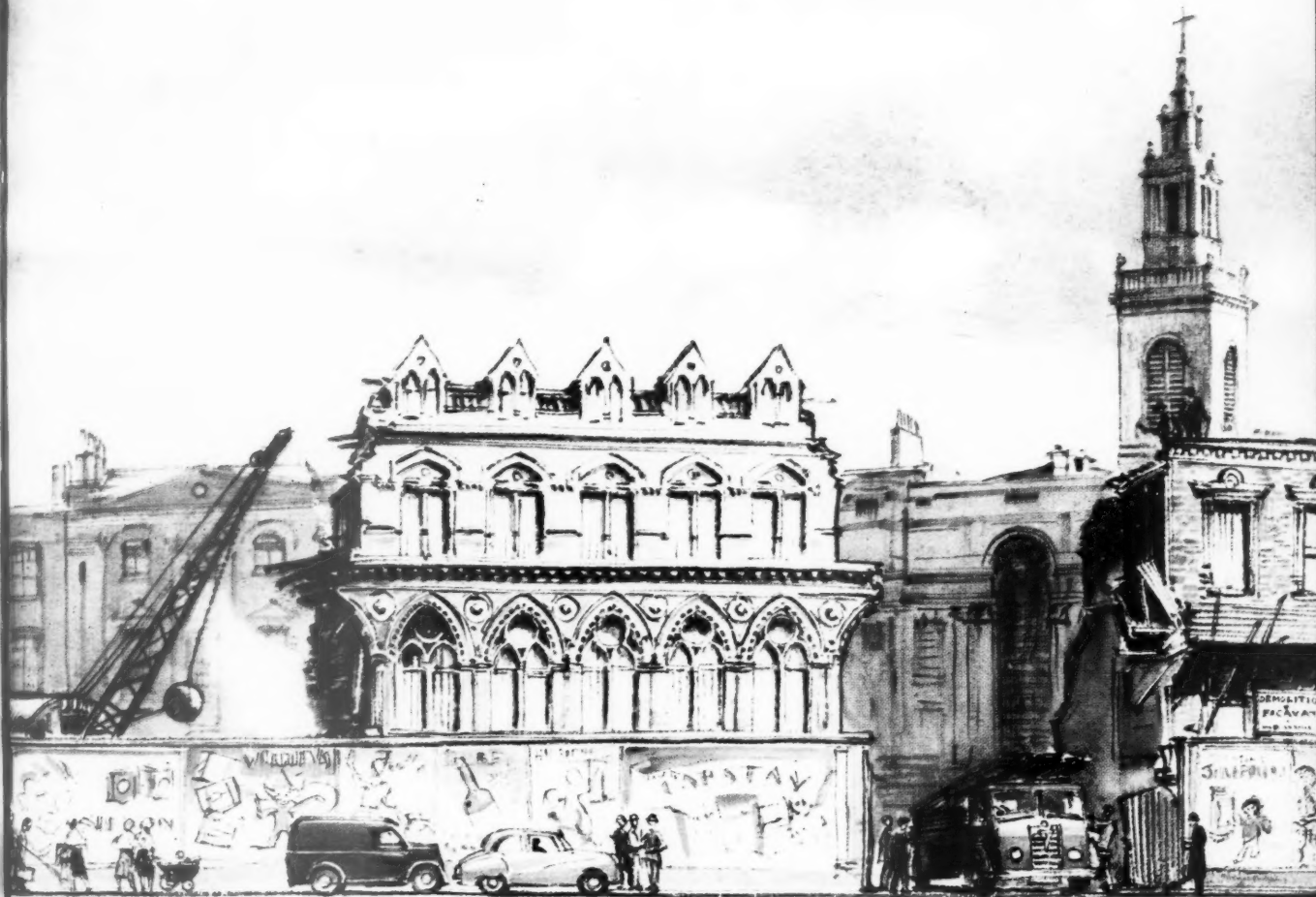
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THE ARCHITECTS' JOURNAL

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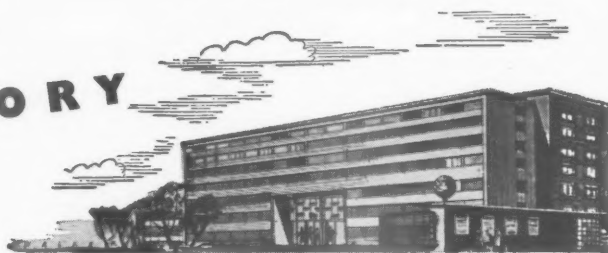
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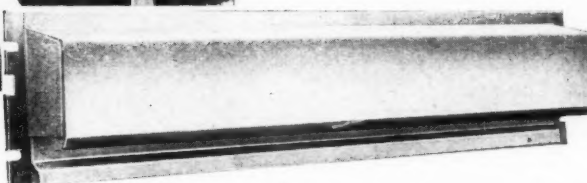
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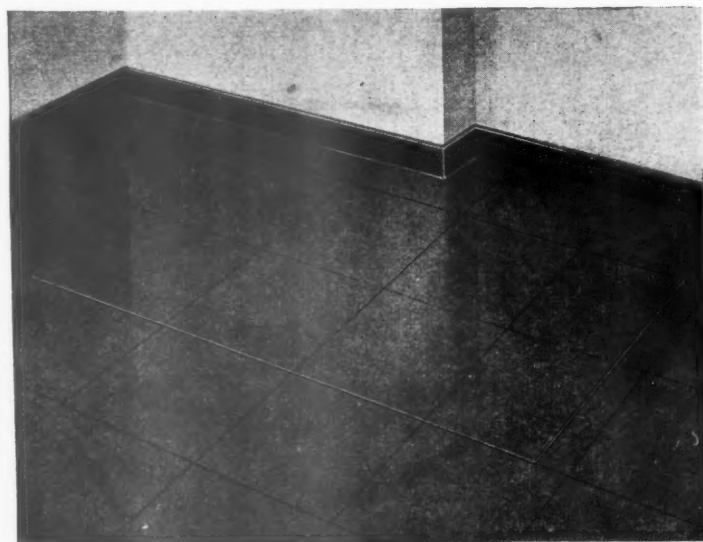
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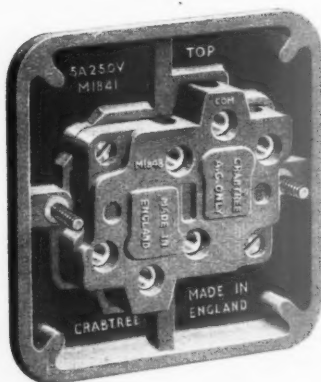
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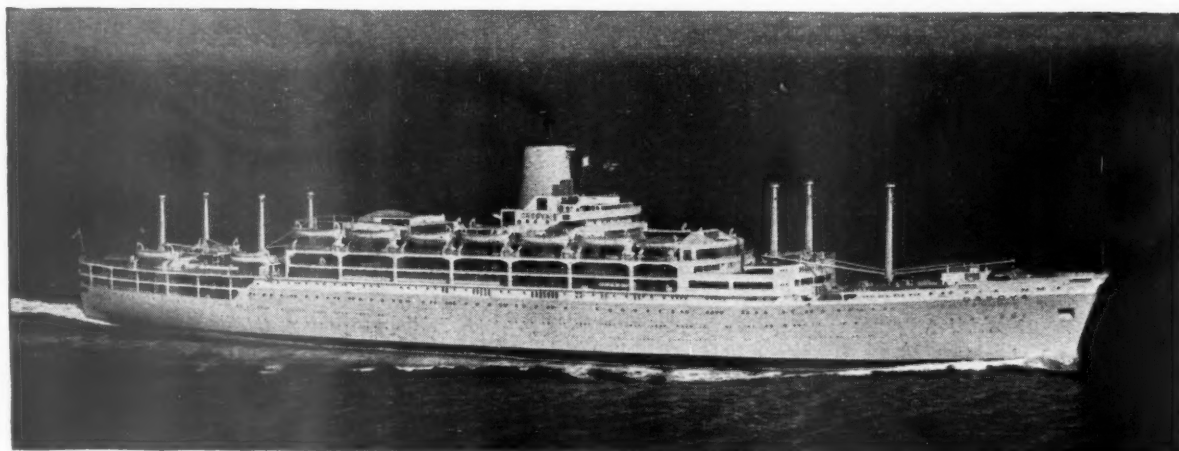
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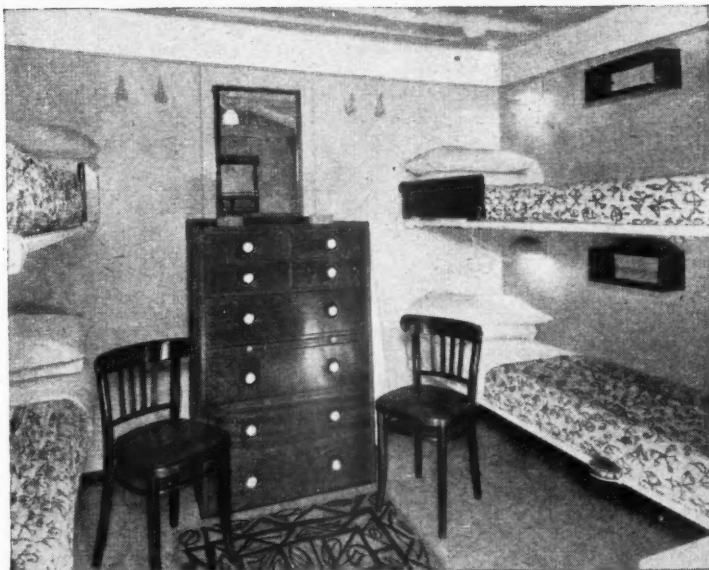
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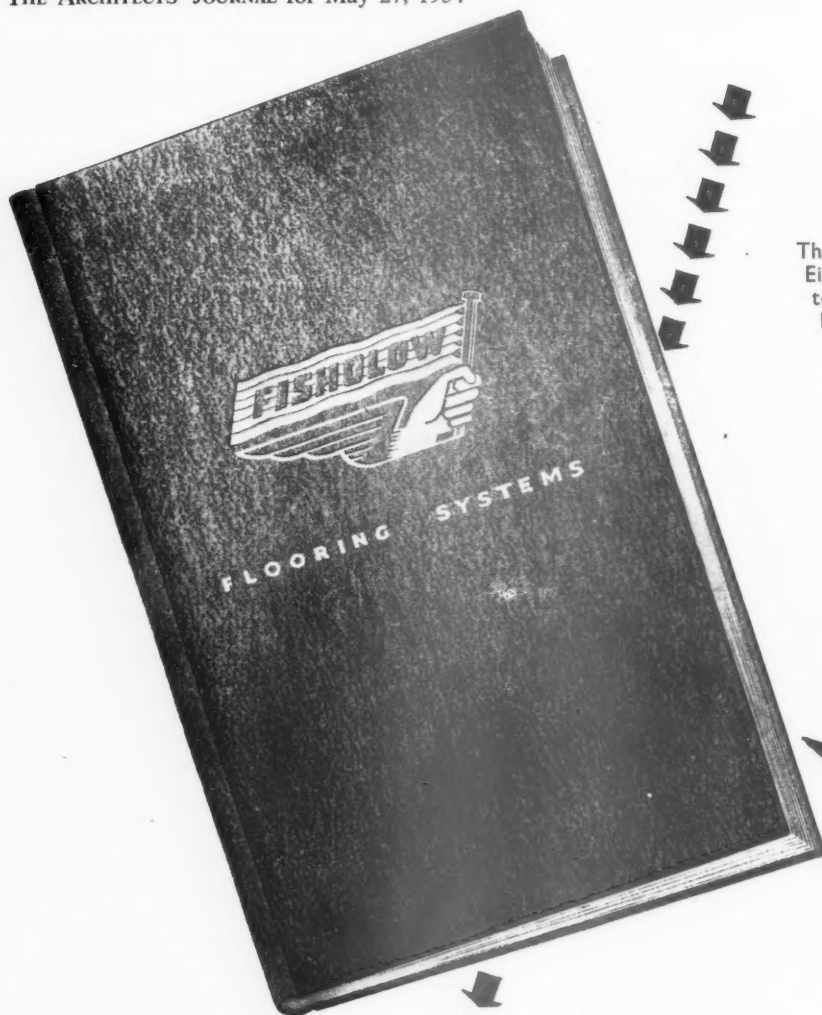
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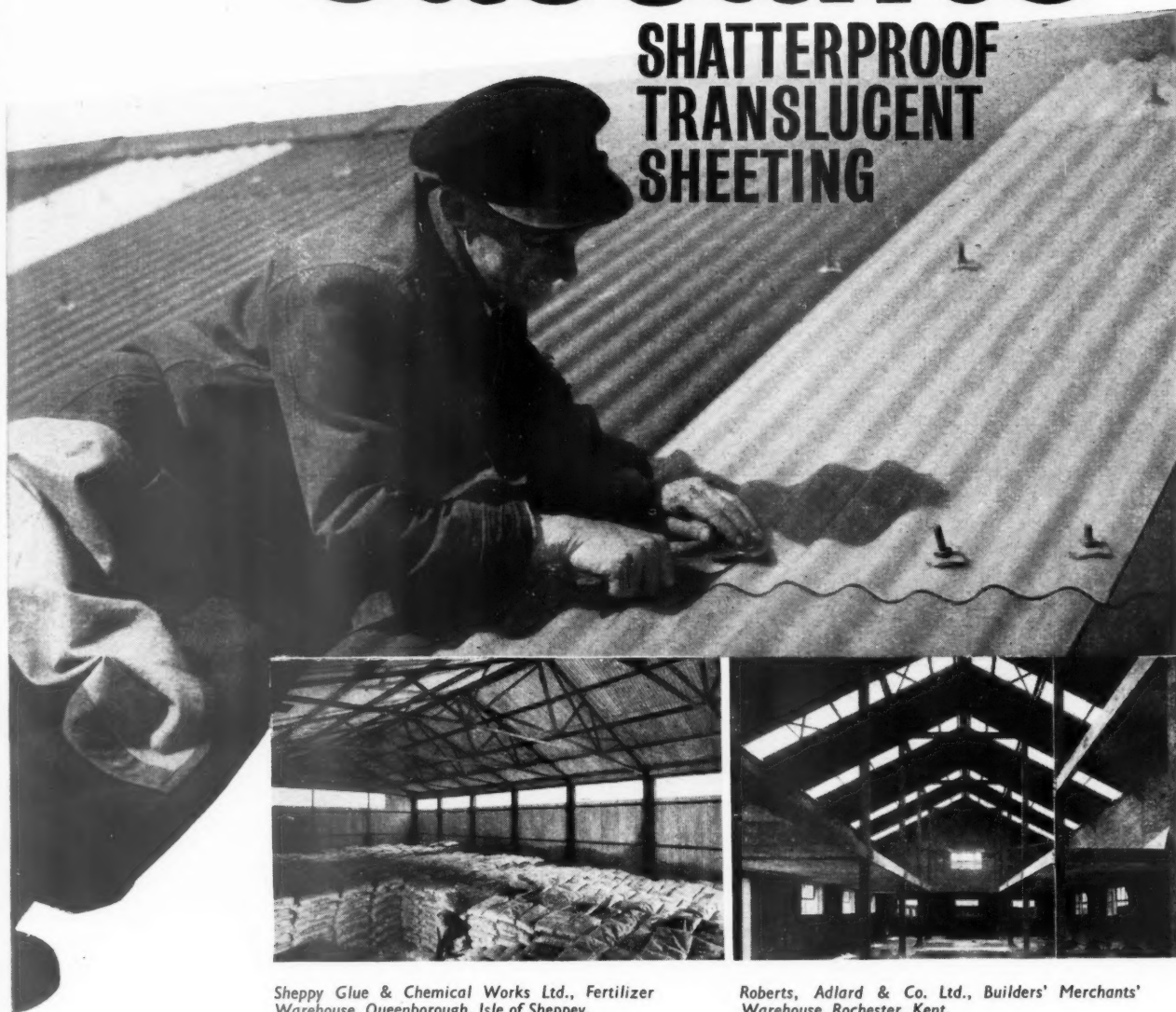
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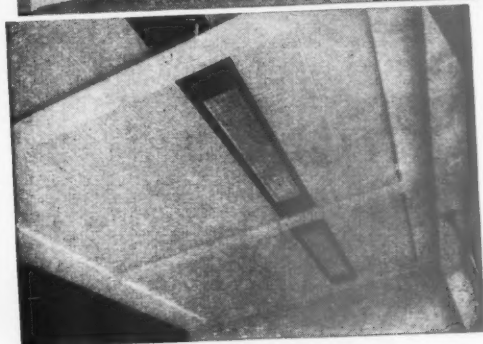
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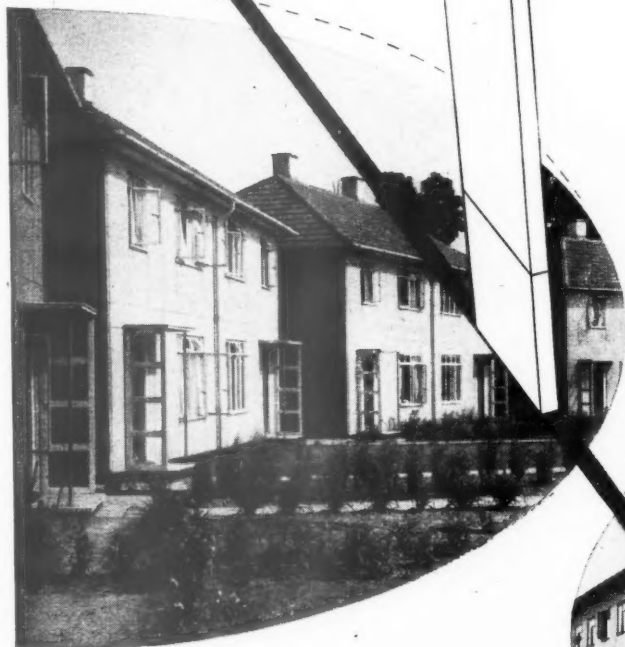
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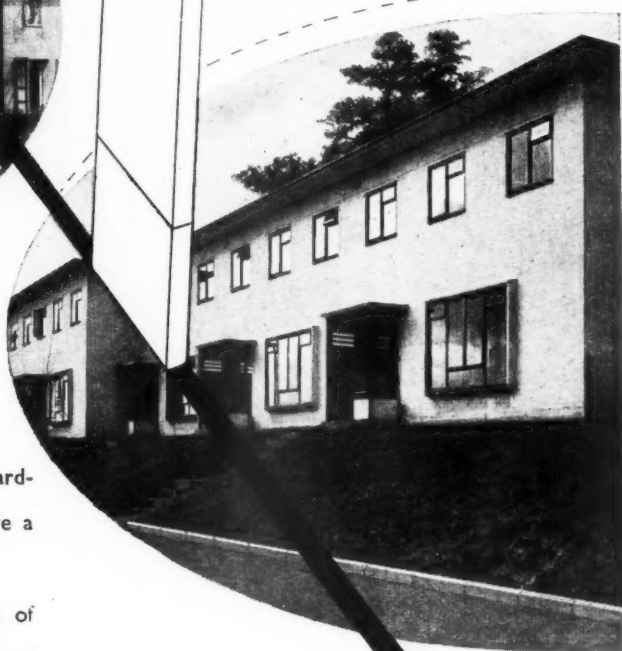
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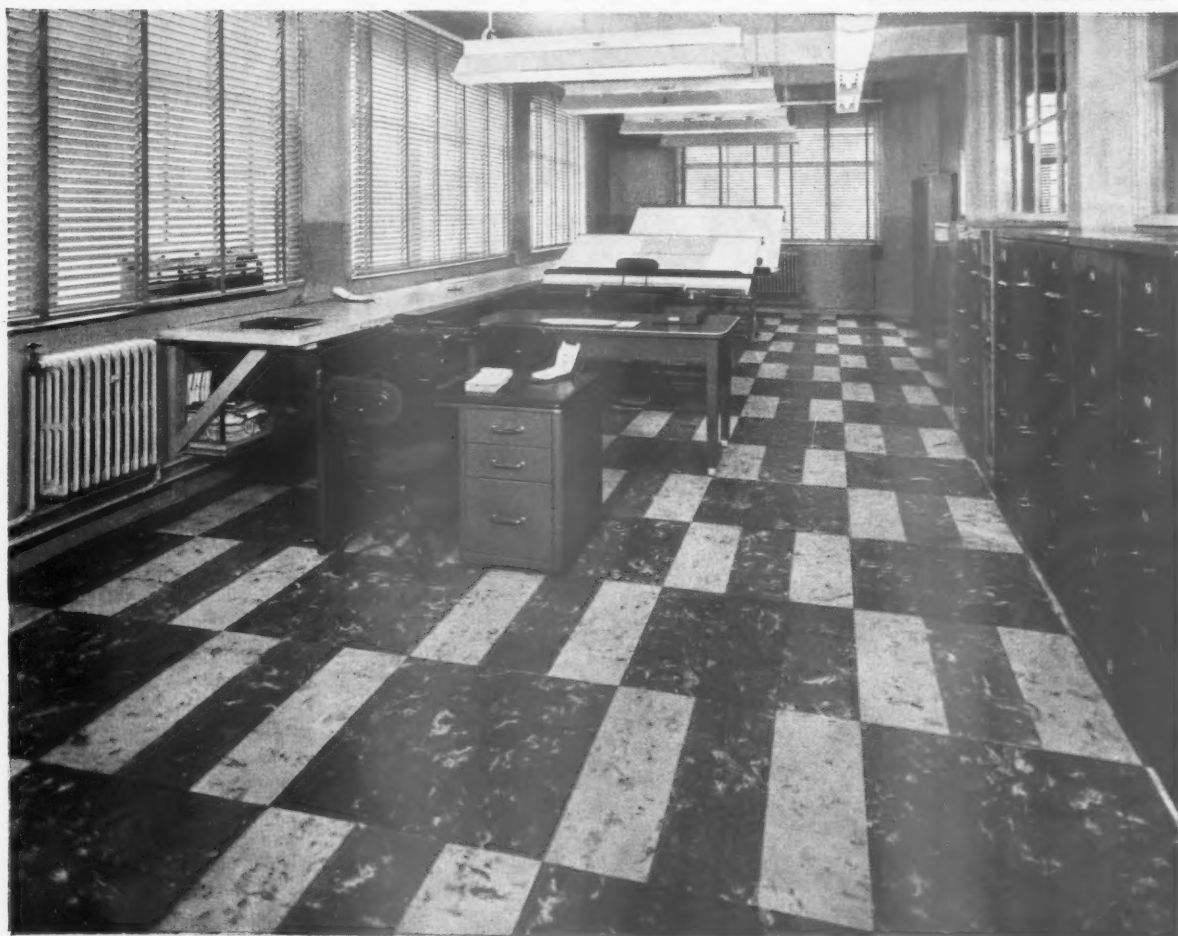


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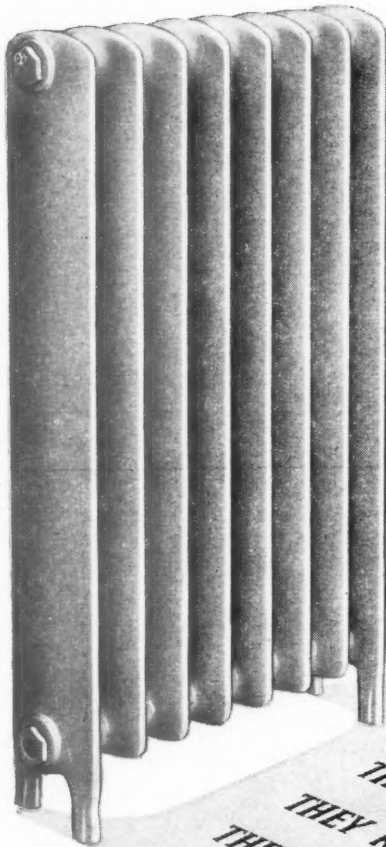
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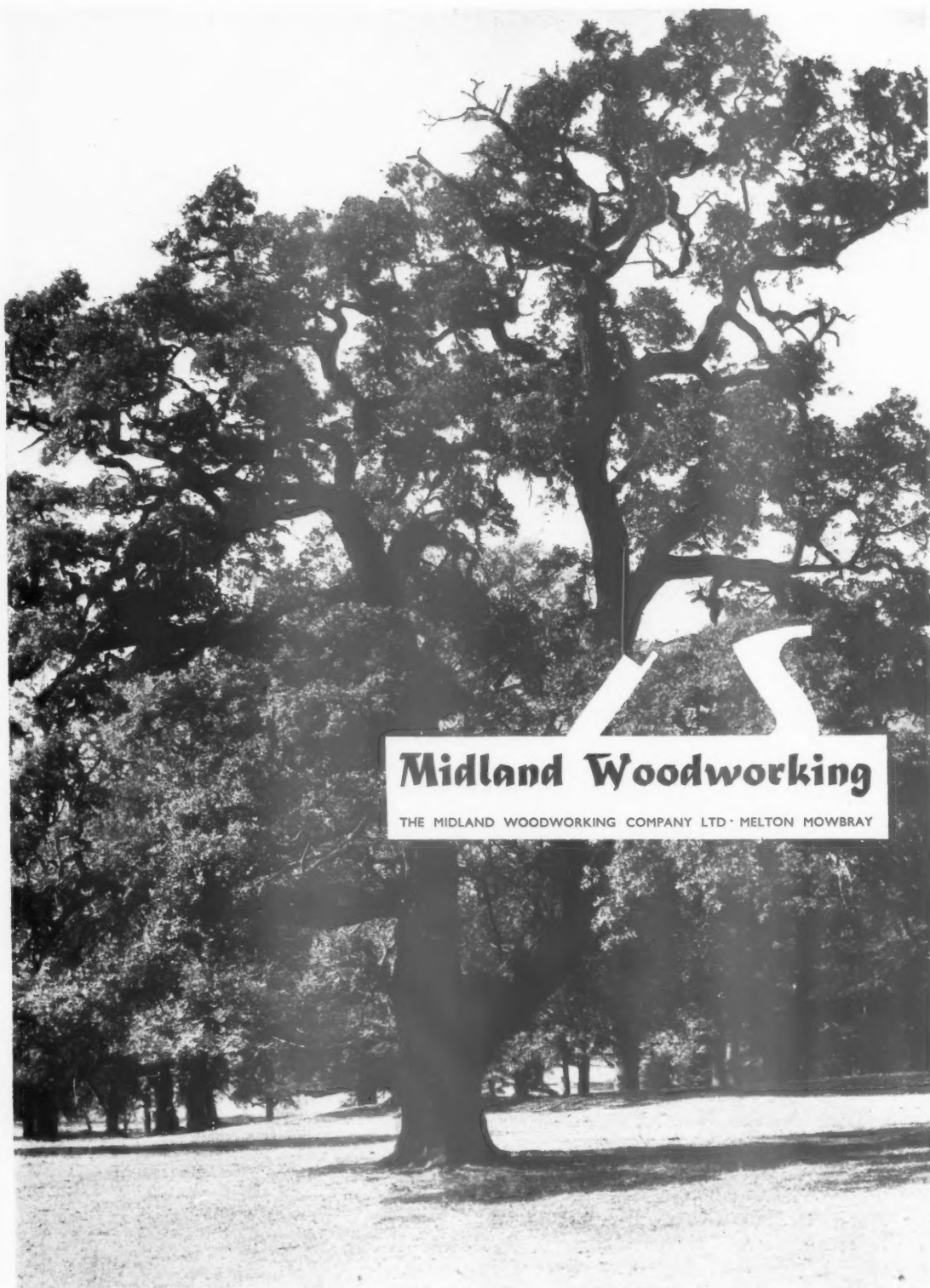
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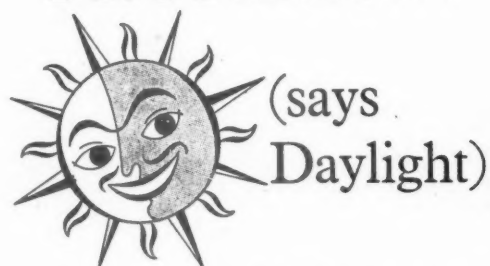
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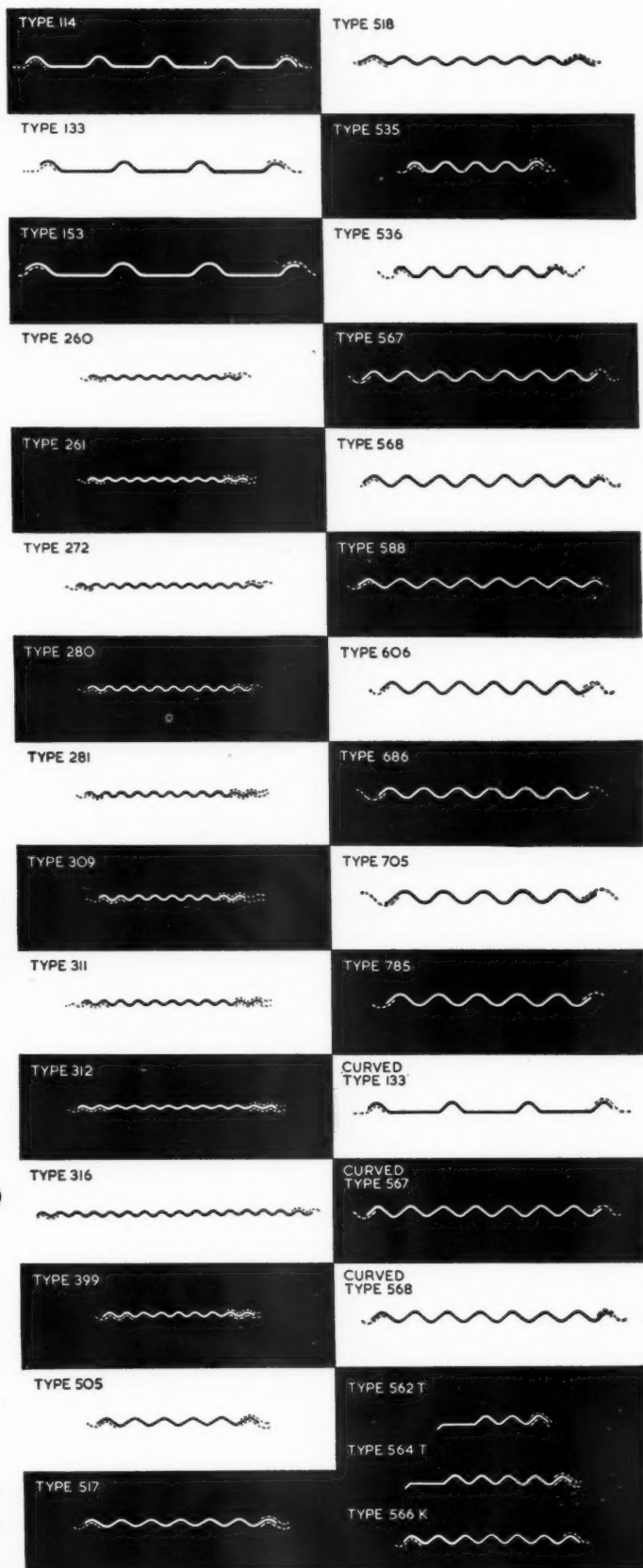
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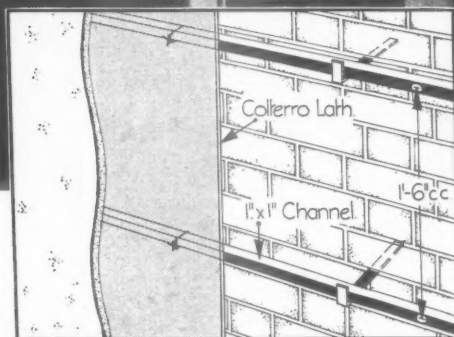
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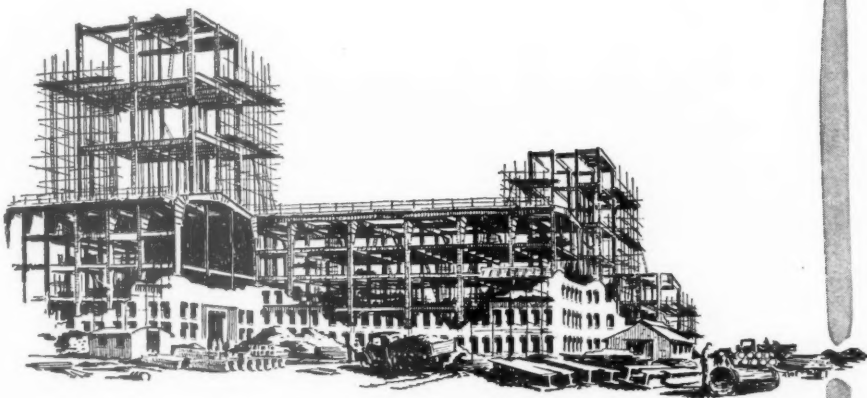
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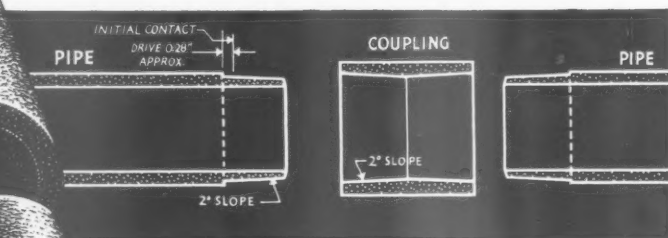
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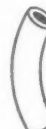
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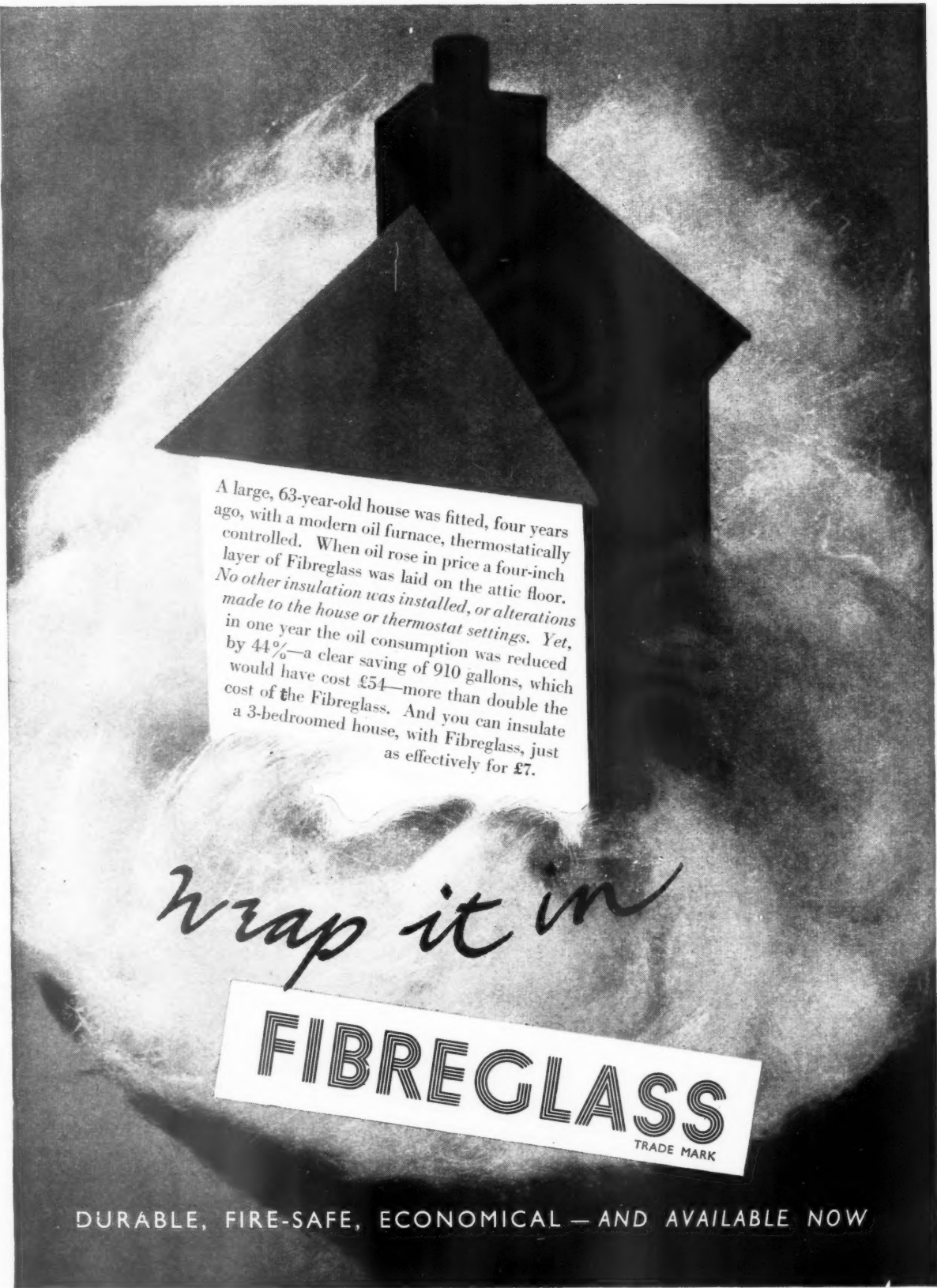


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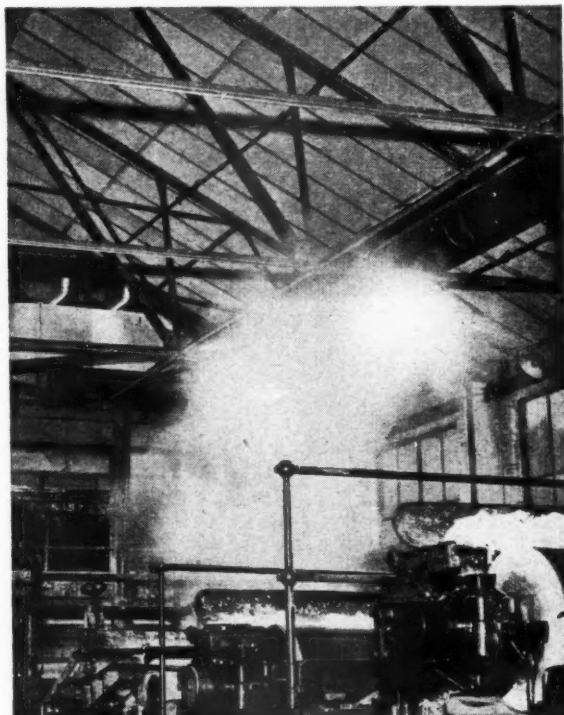
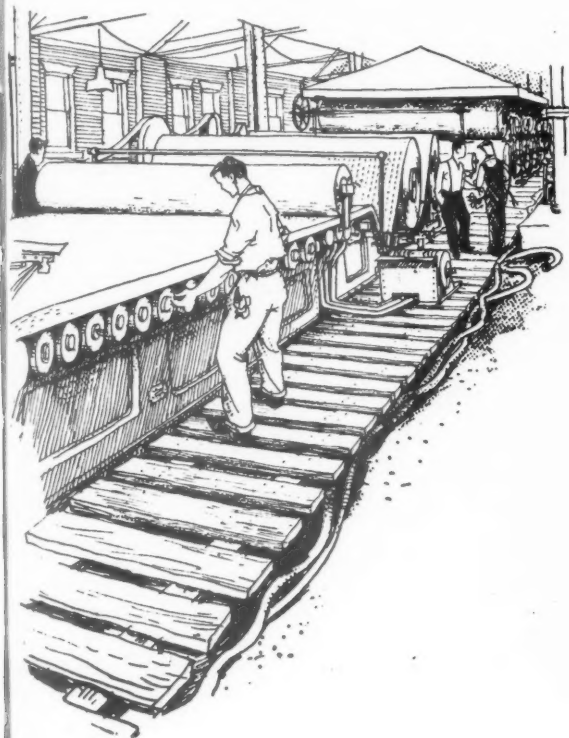
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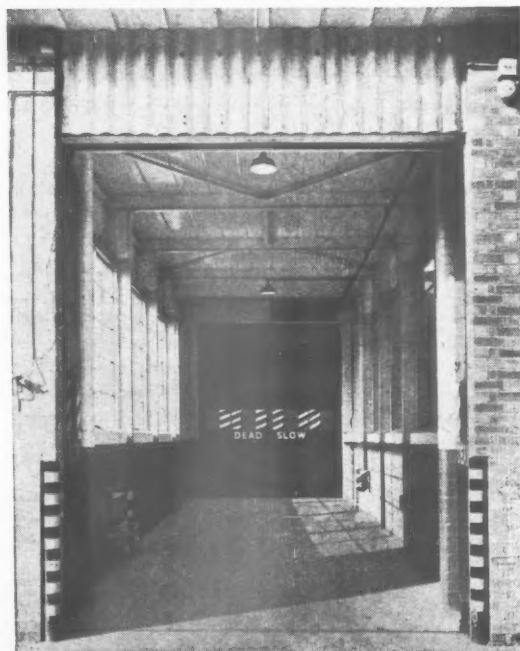
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“It’s not good enough, Nebuchadnezzar,”
said Shadrach, Meshach and Abednego

“If you *had* to put us in a fiery furnace you might have picked a really good one—an oil-fired furnace, for instance, like those they are going to have in twentieth-century Britain. It’s a pity you couldn’t have taken advantage of the

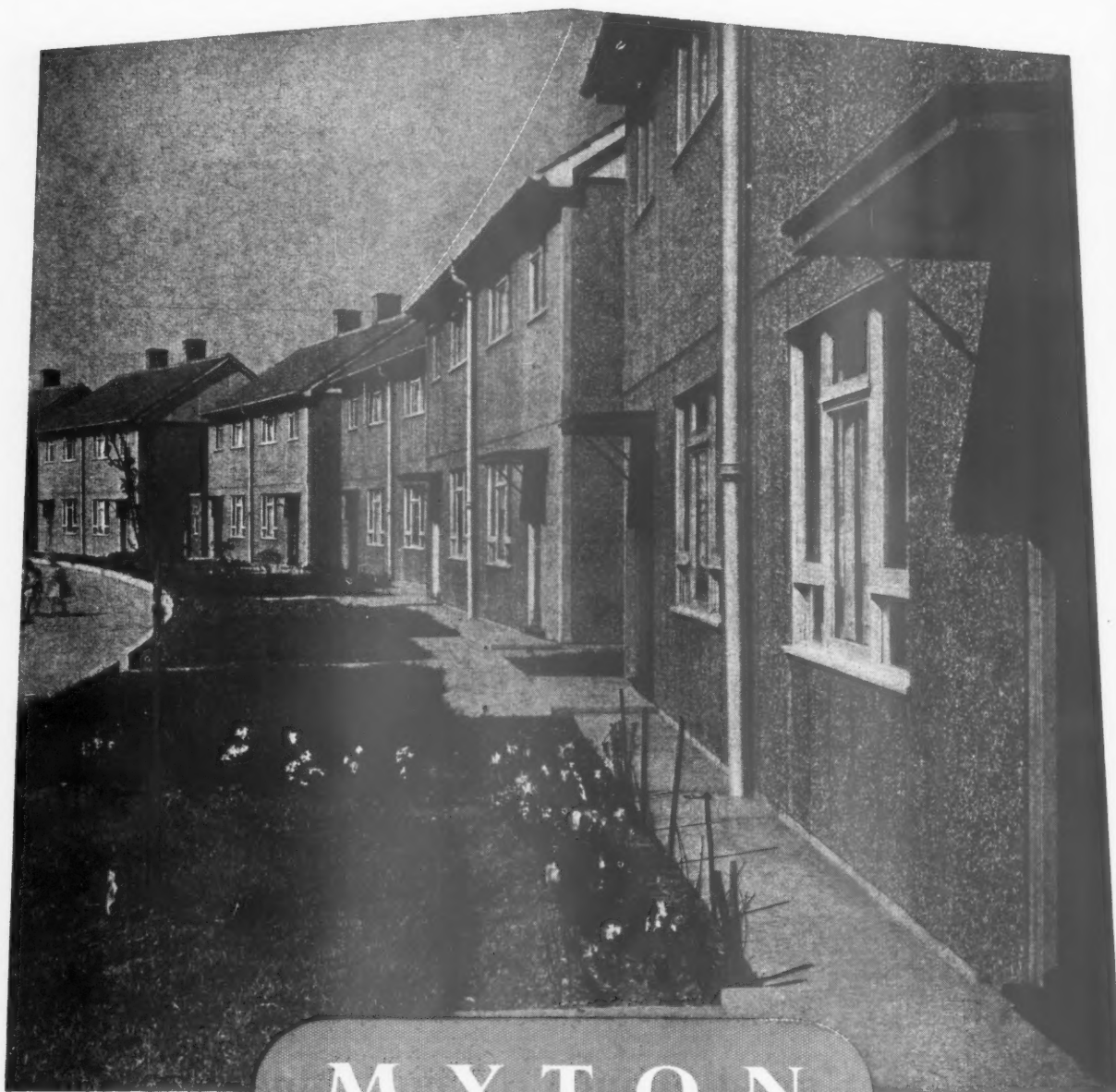
technical service Shell-Mex and B.P. Ltd. will be providing—you would have had something worth shouting about then. What’s more, the temperature could have been controlled within very fine limits even by your excitable Babylonian staff.”

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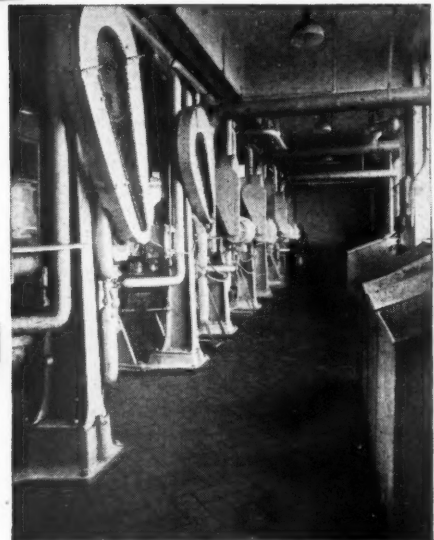


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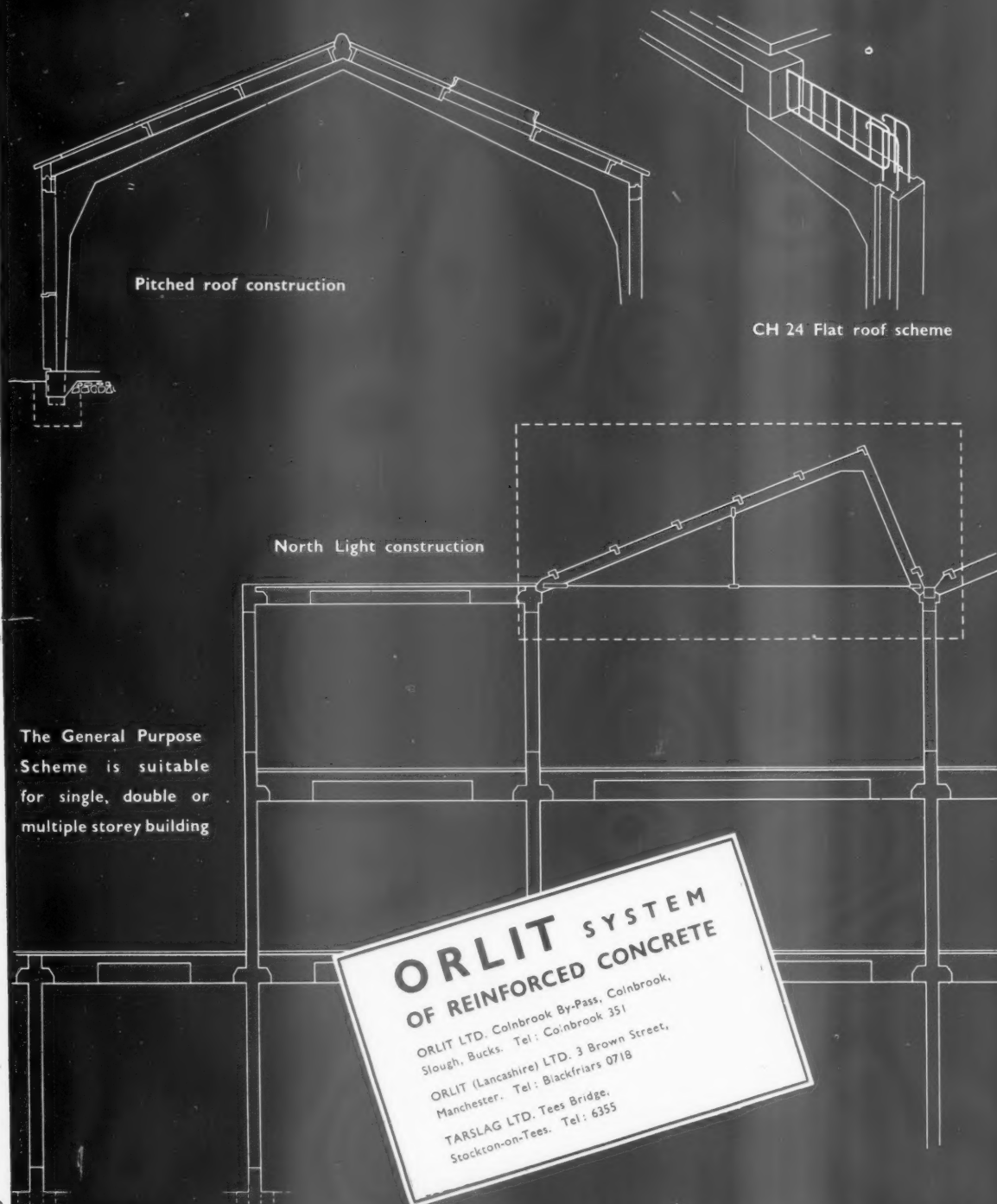


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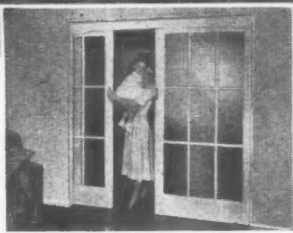
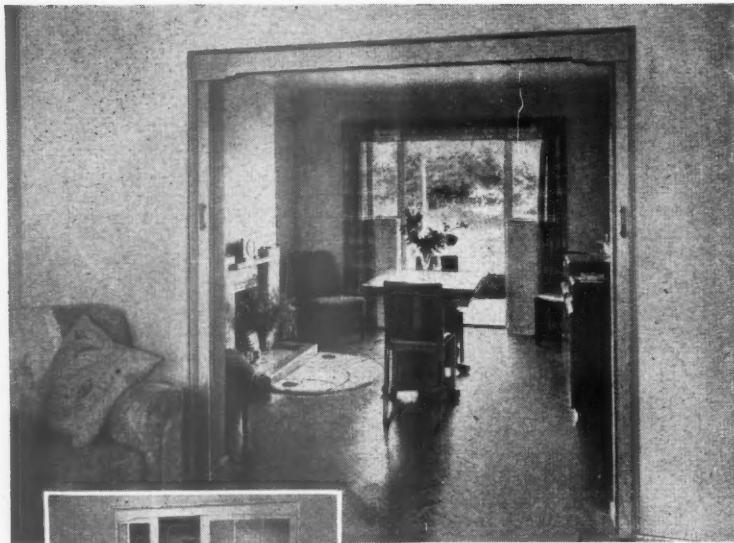
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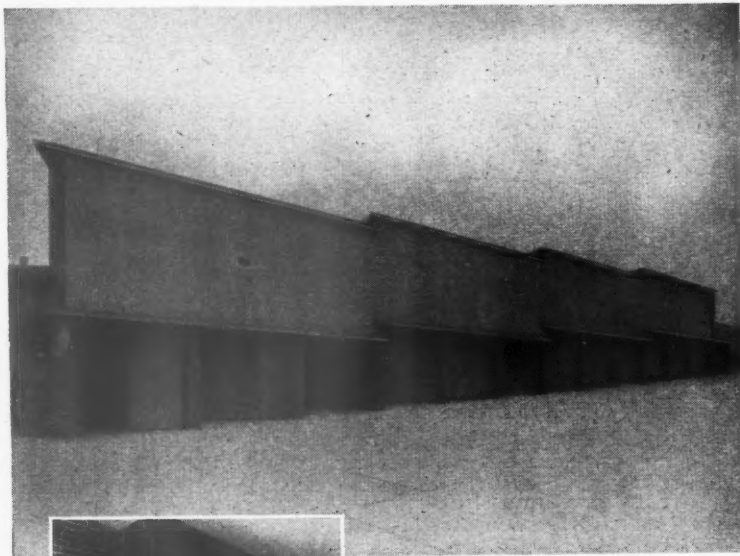
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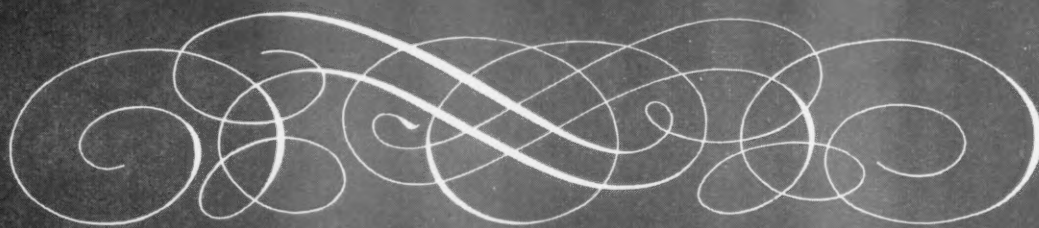
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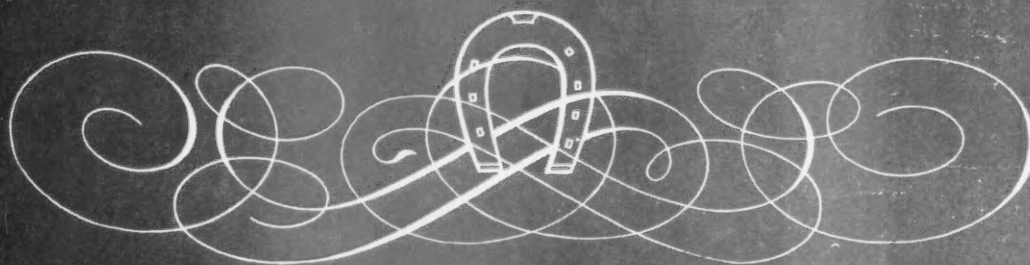
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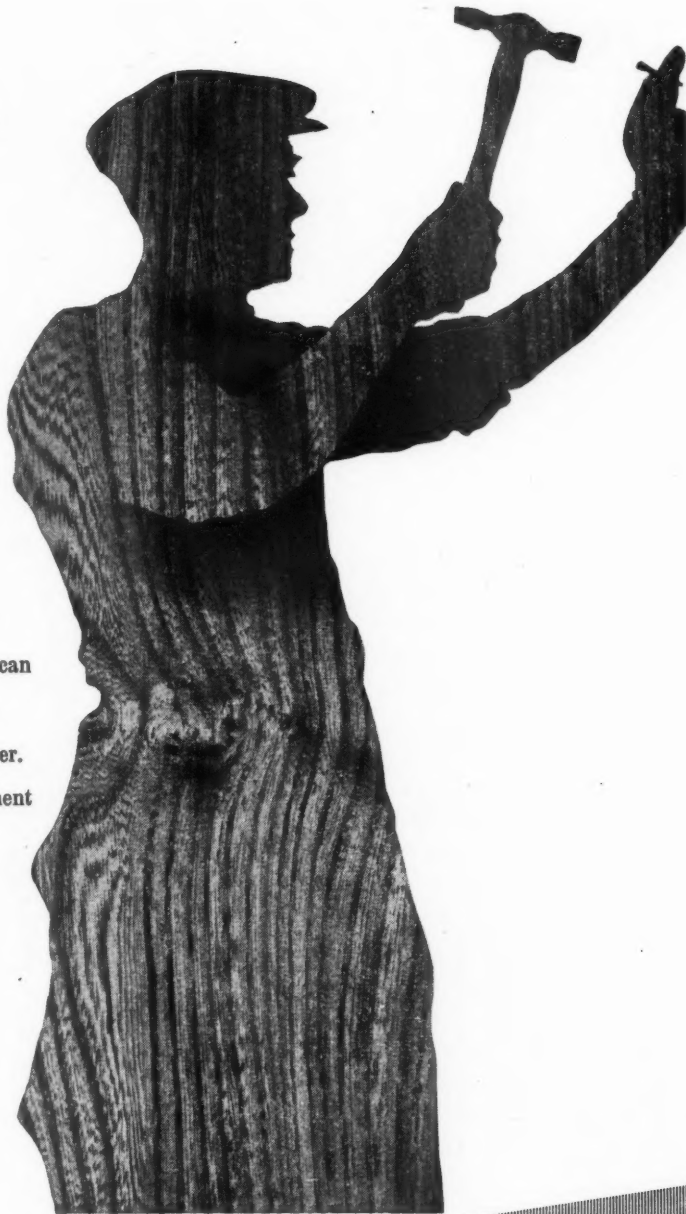
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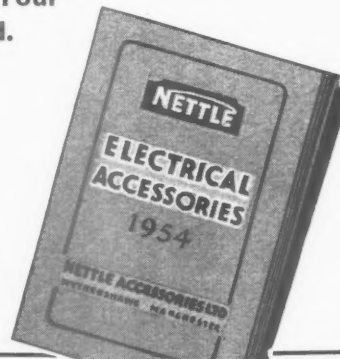
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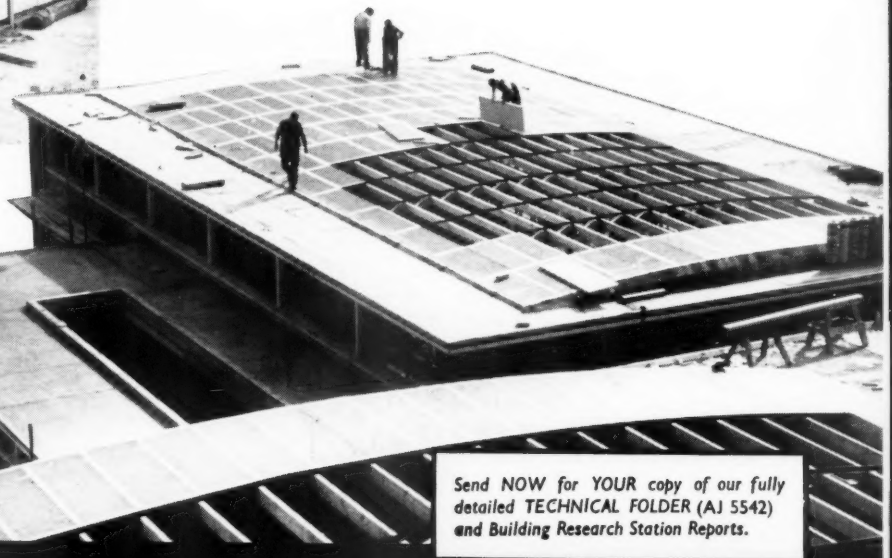
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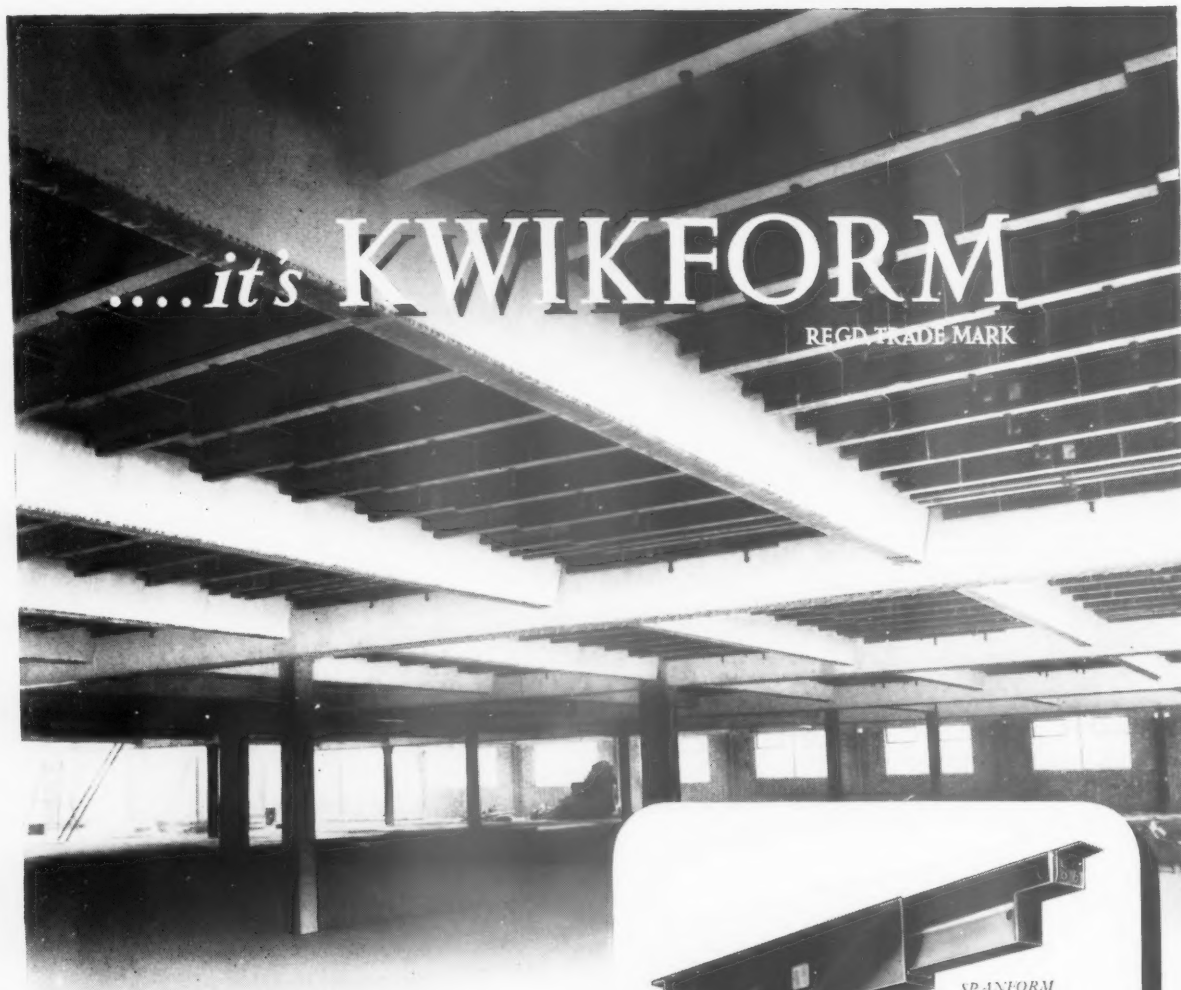


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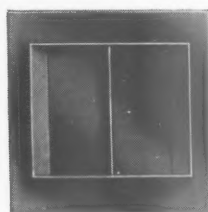
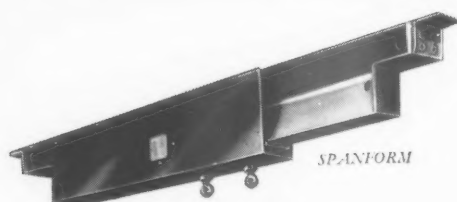


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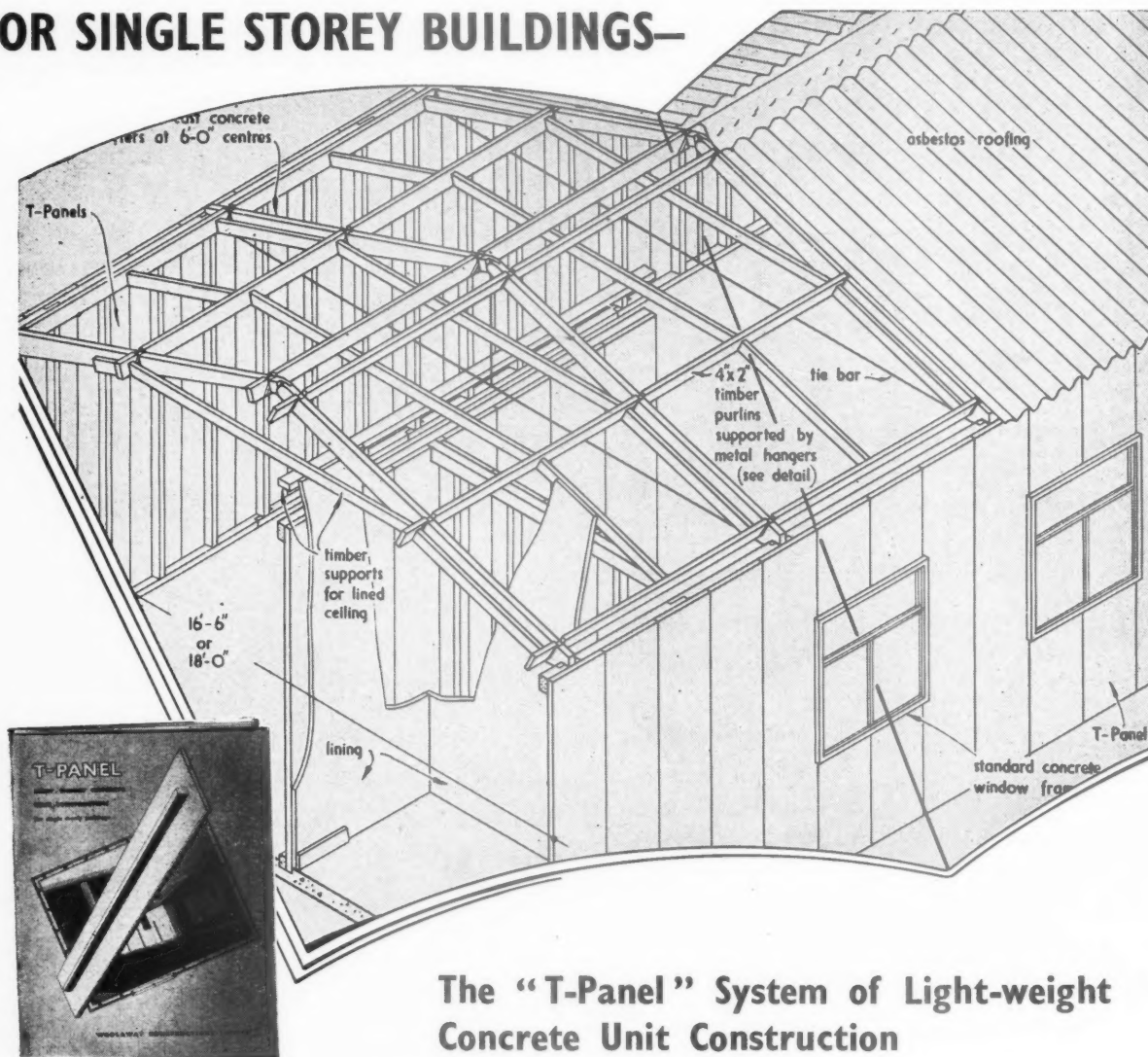
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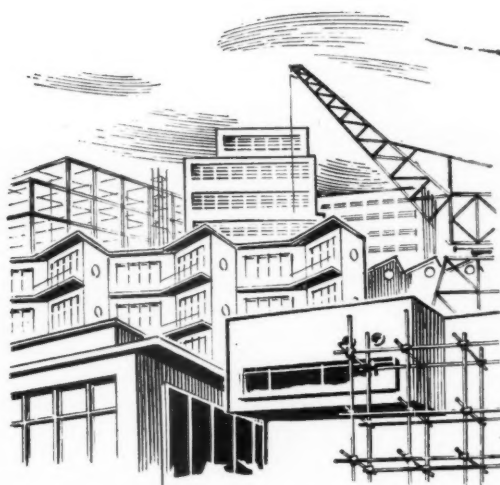
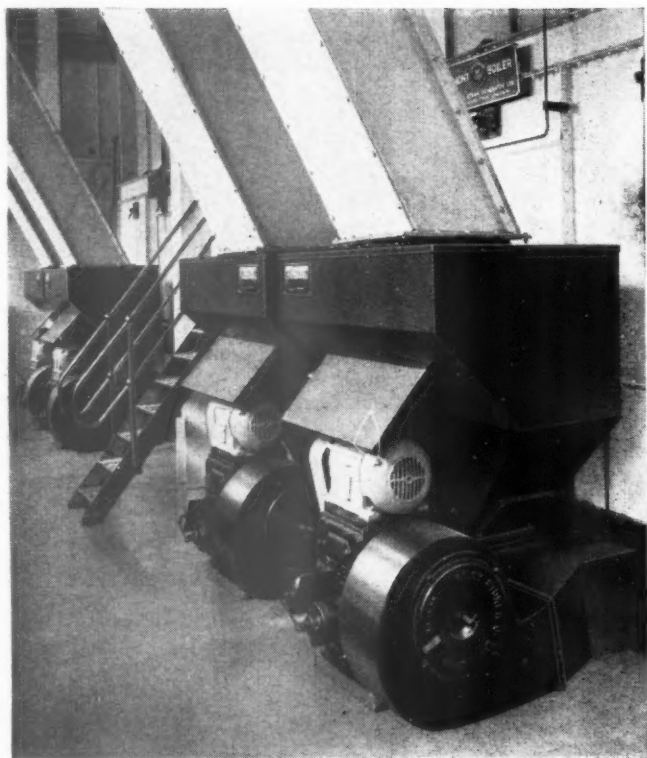
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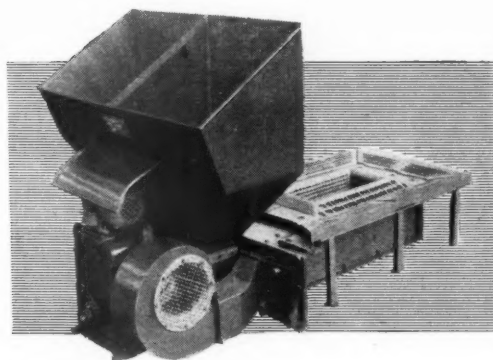
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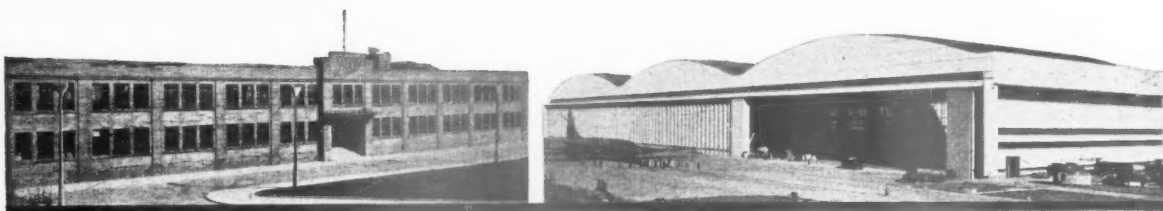
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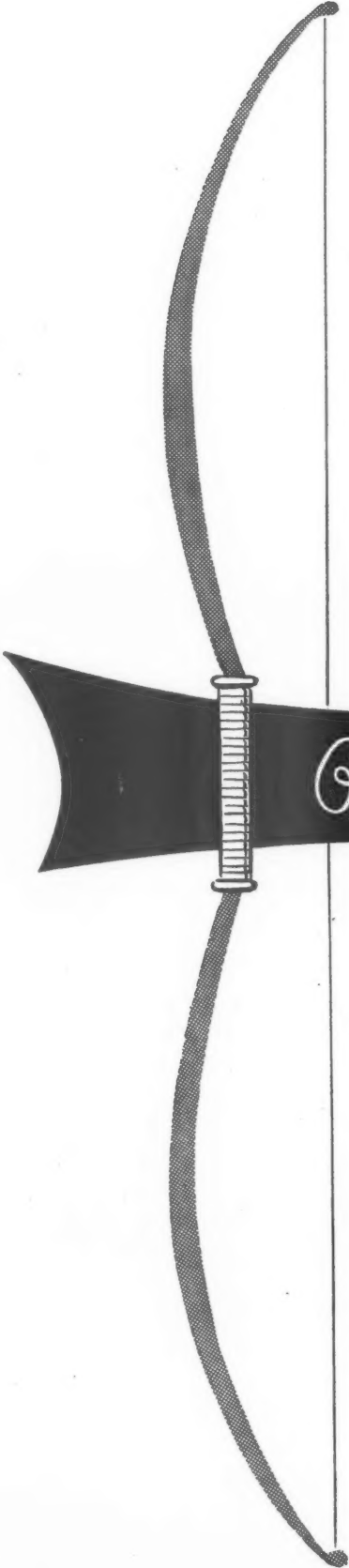


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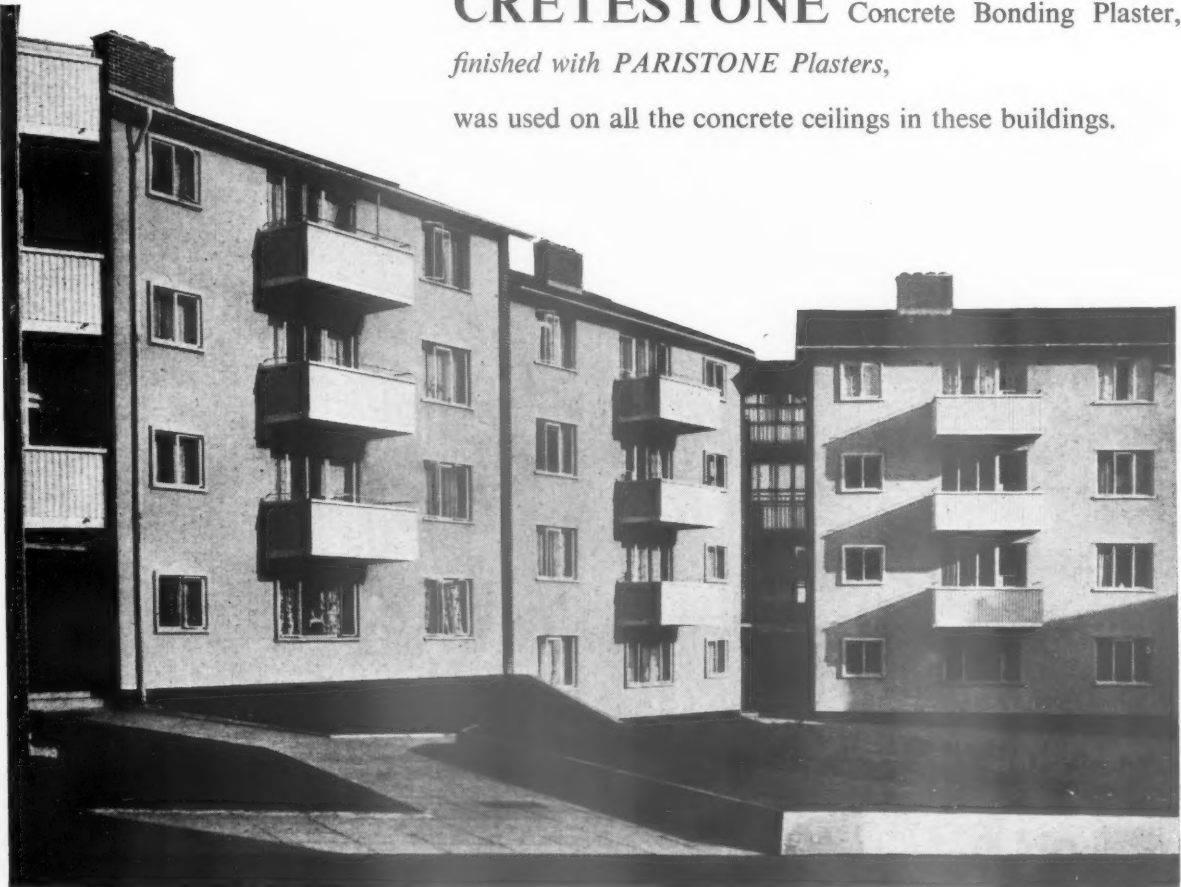


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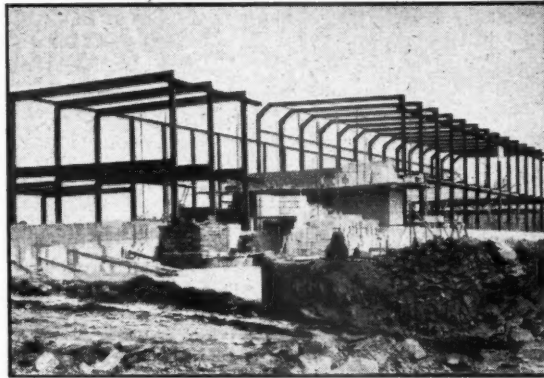
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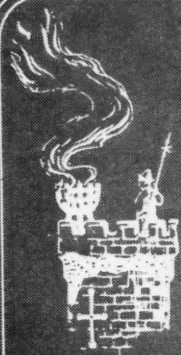
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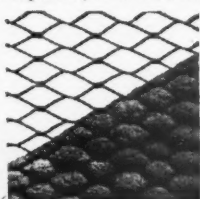
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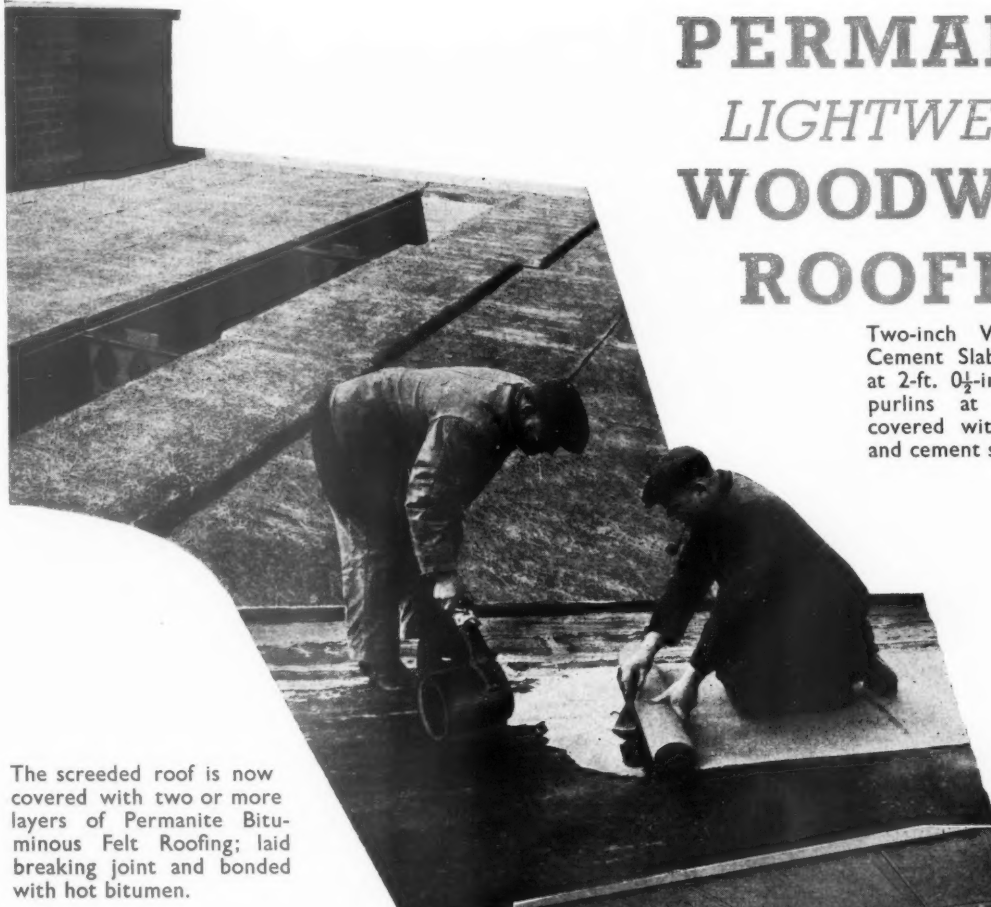
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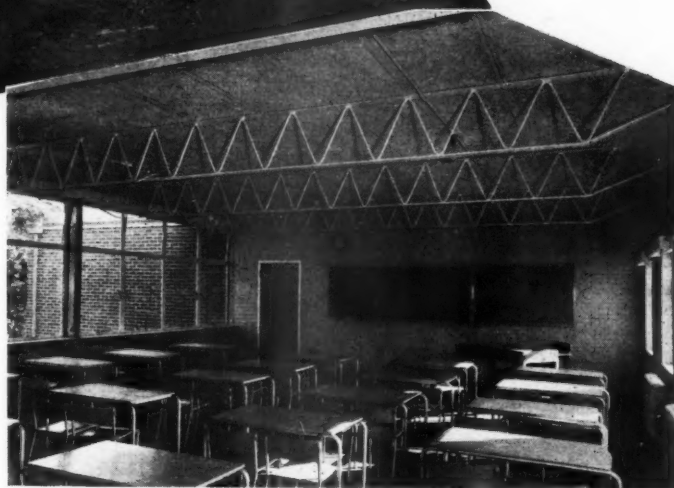
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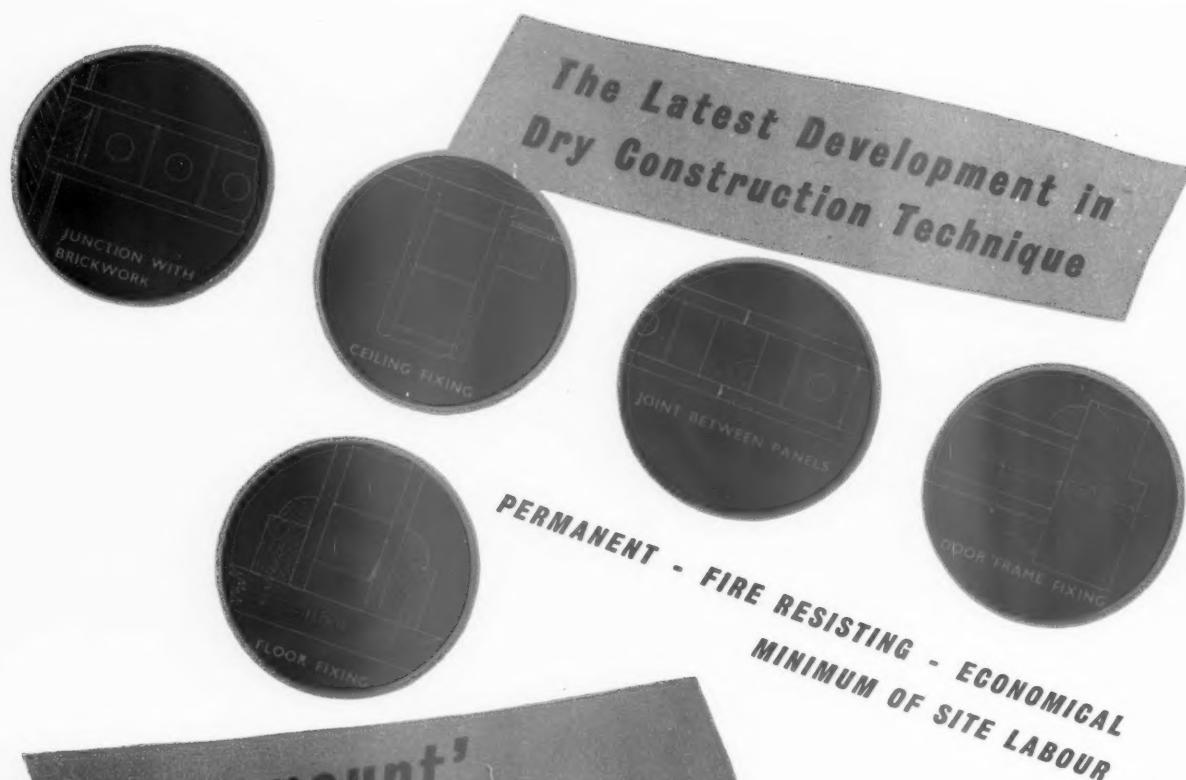
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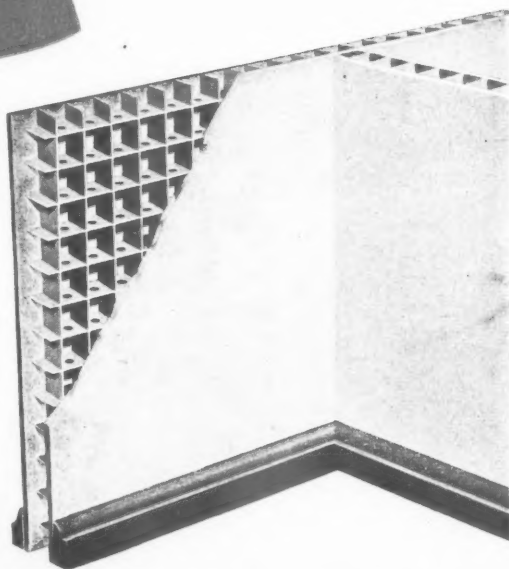
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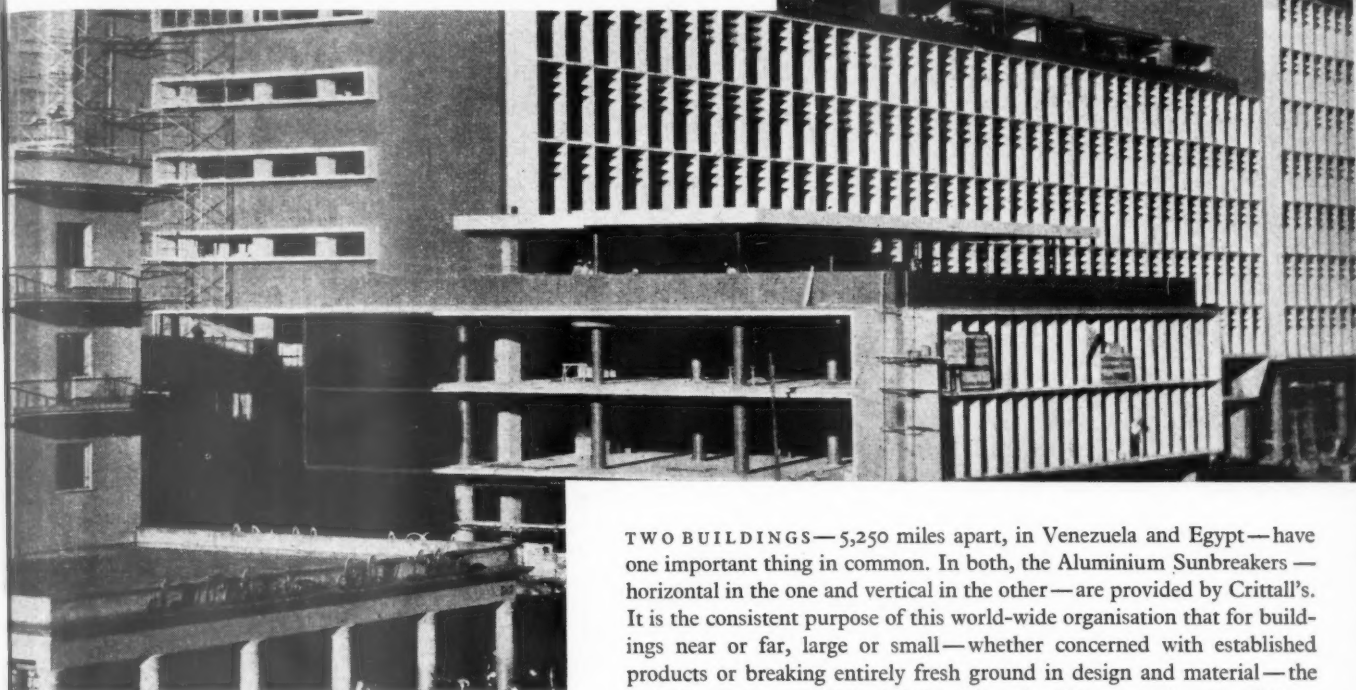
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which is fitted with CRITTALL HORIZONTAL ALUMINIUM SUNBREAKERS.

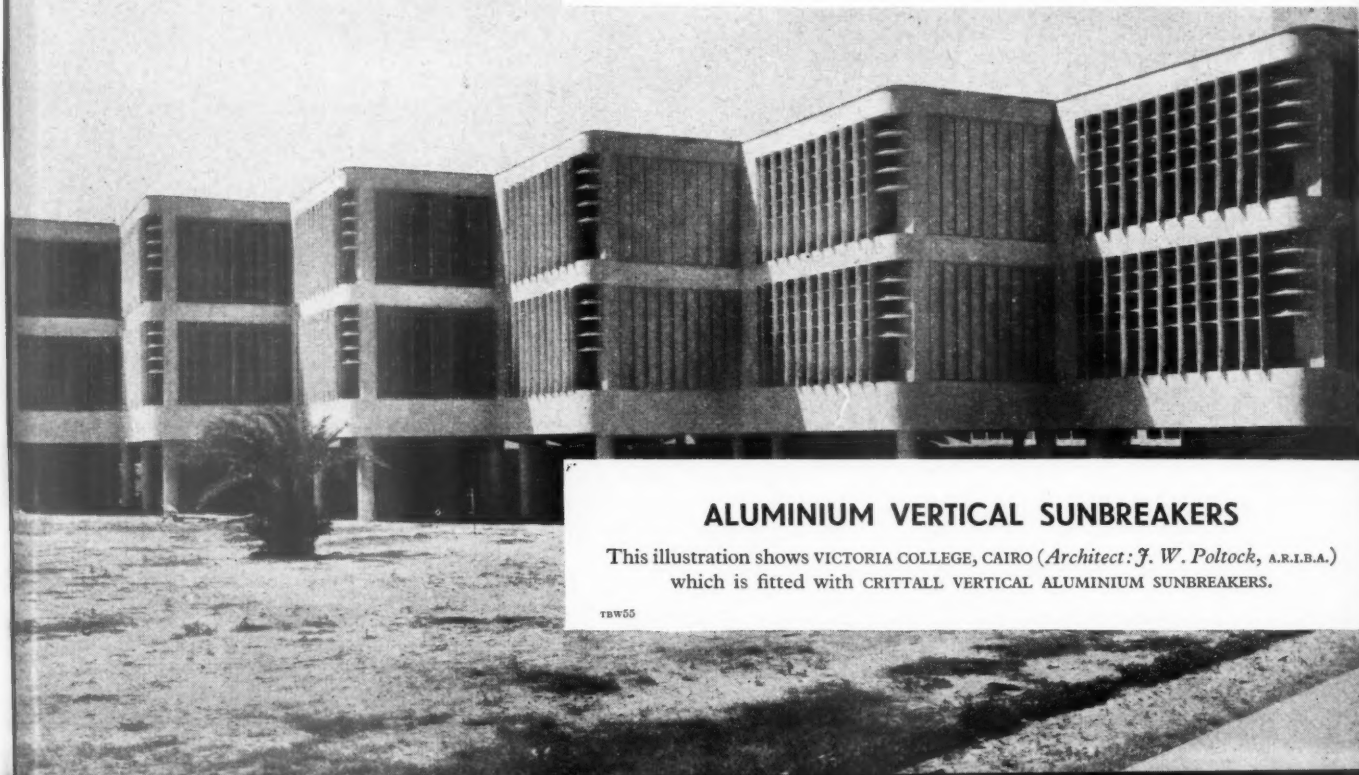


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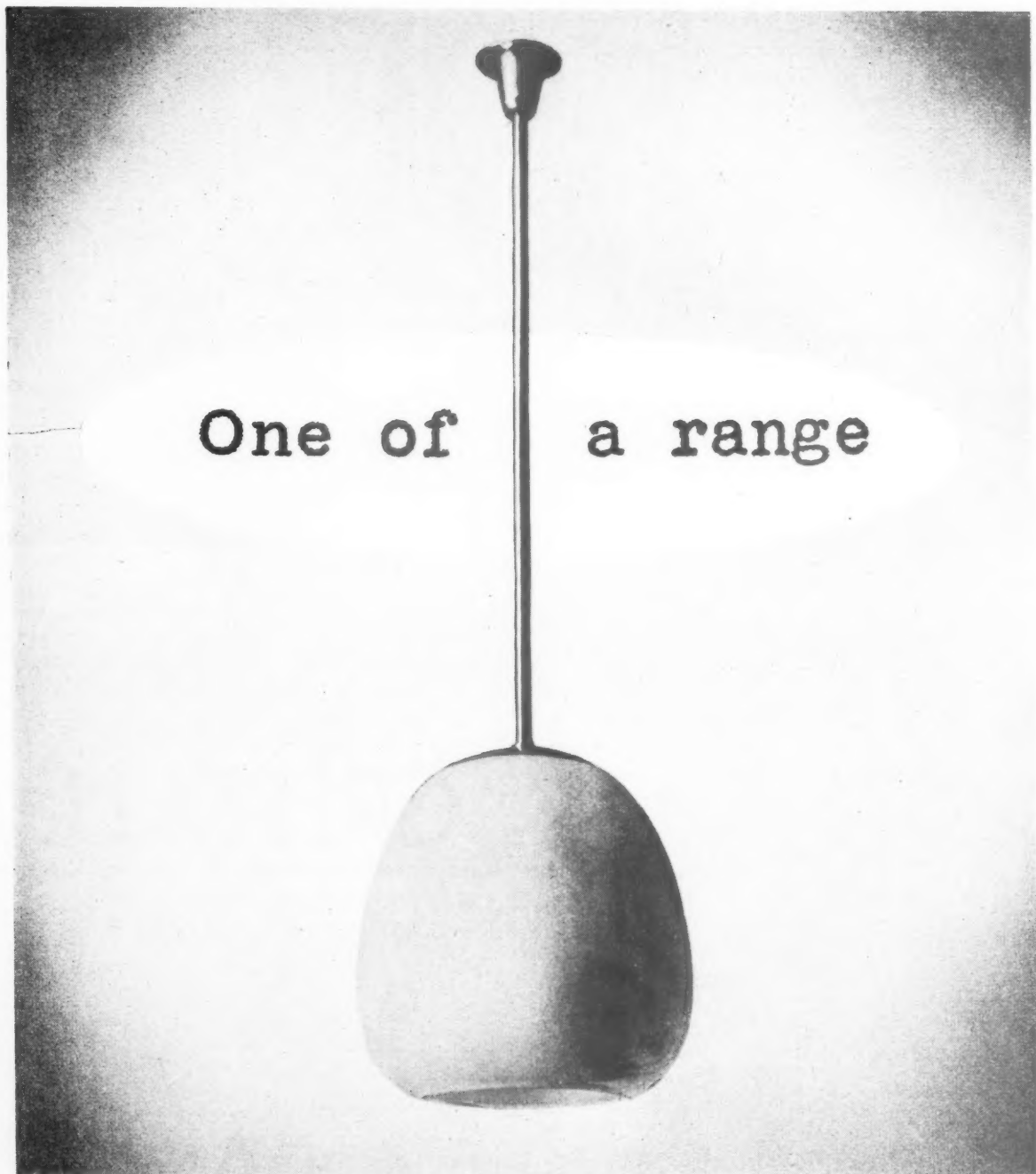
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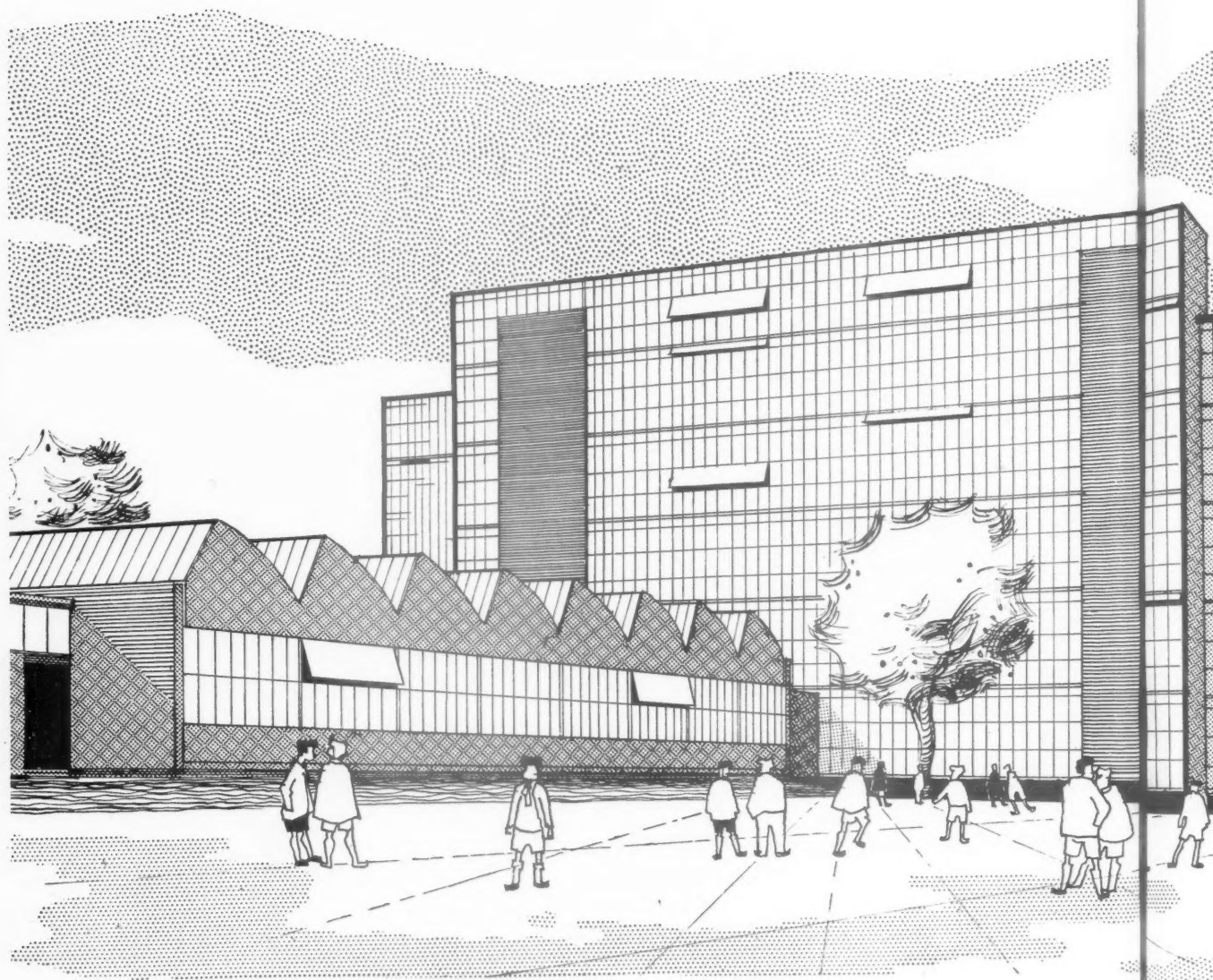
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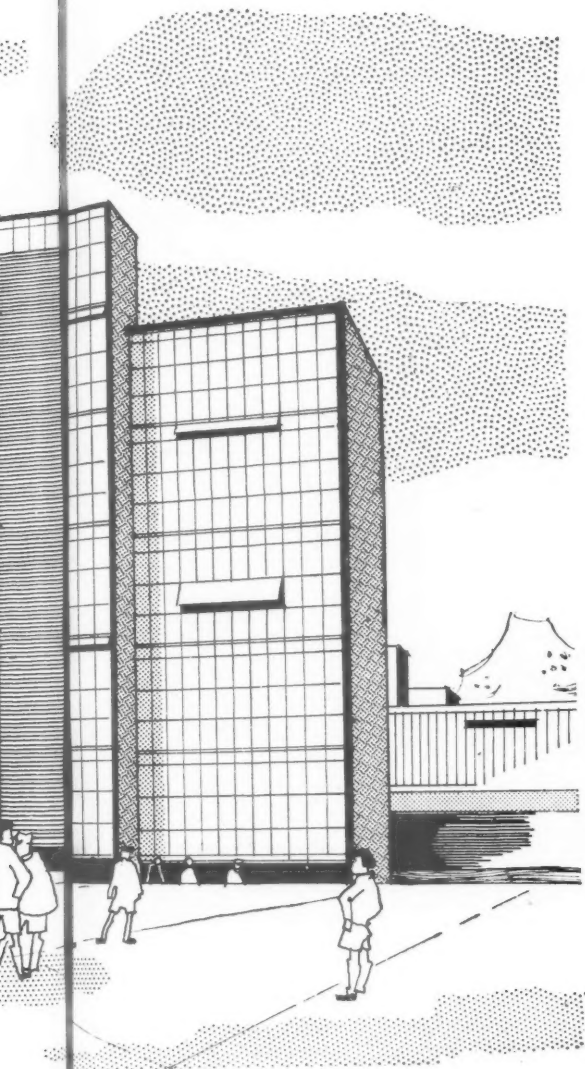
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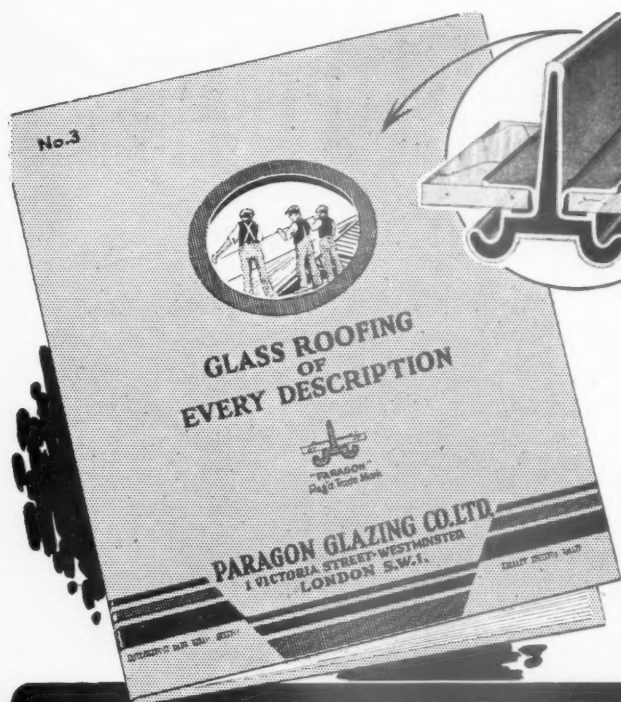
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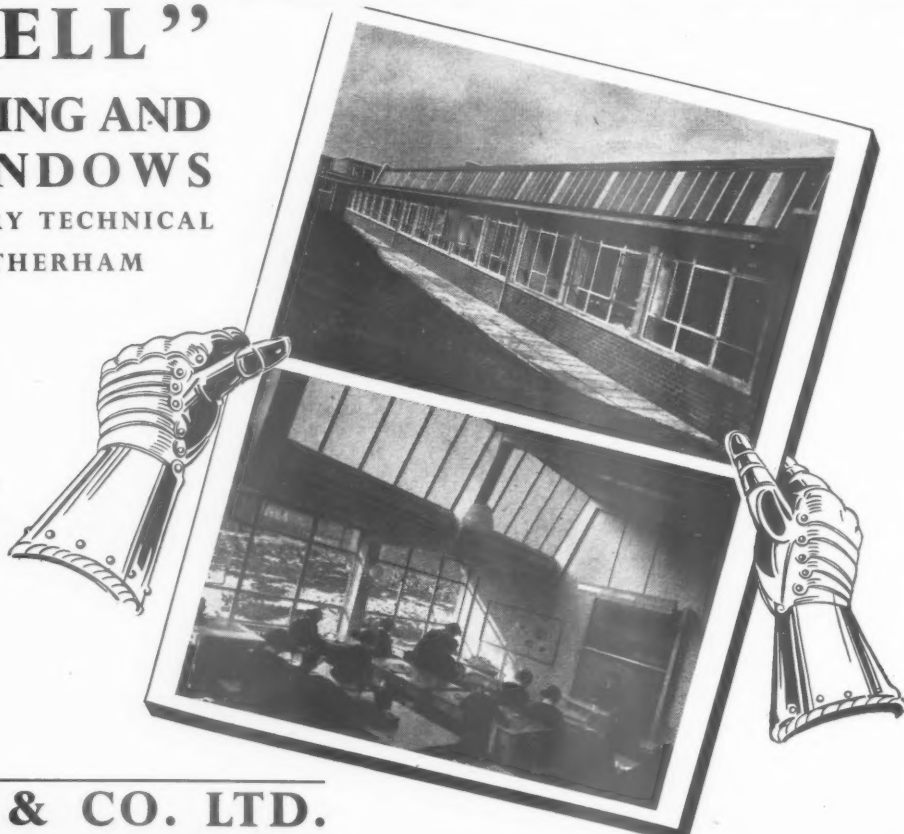
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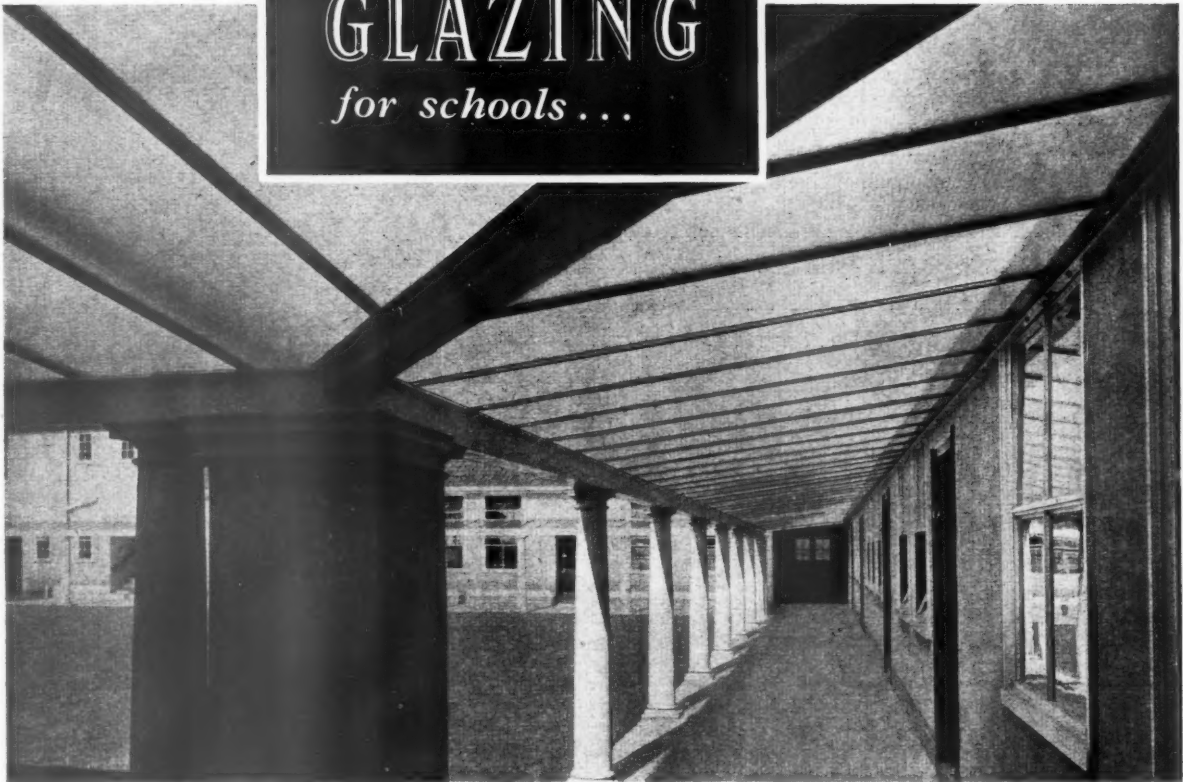
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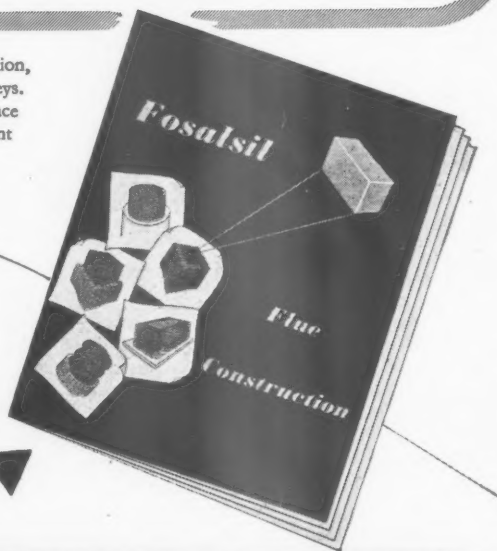
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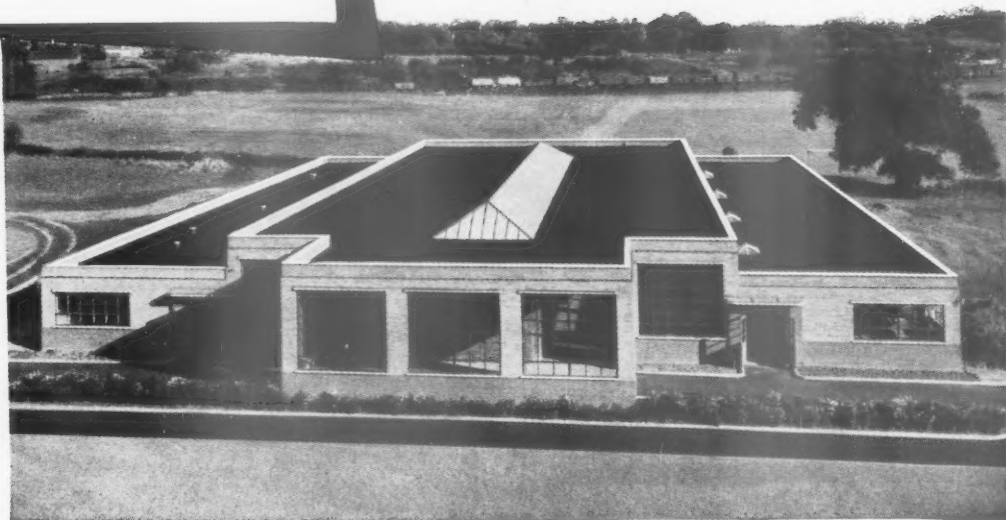
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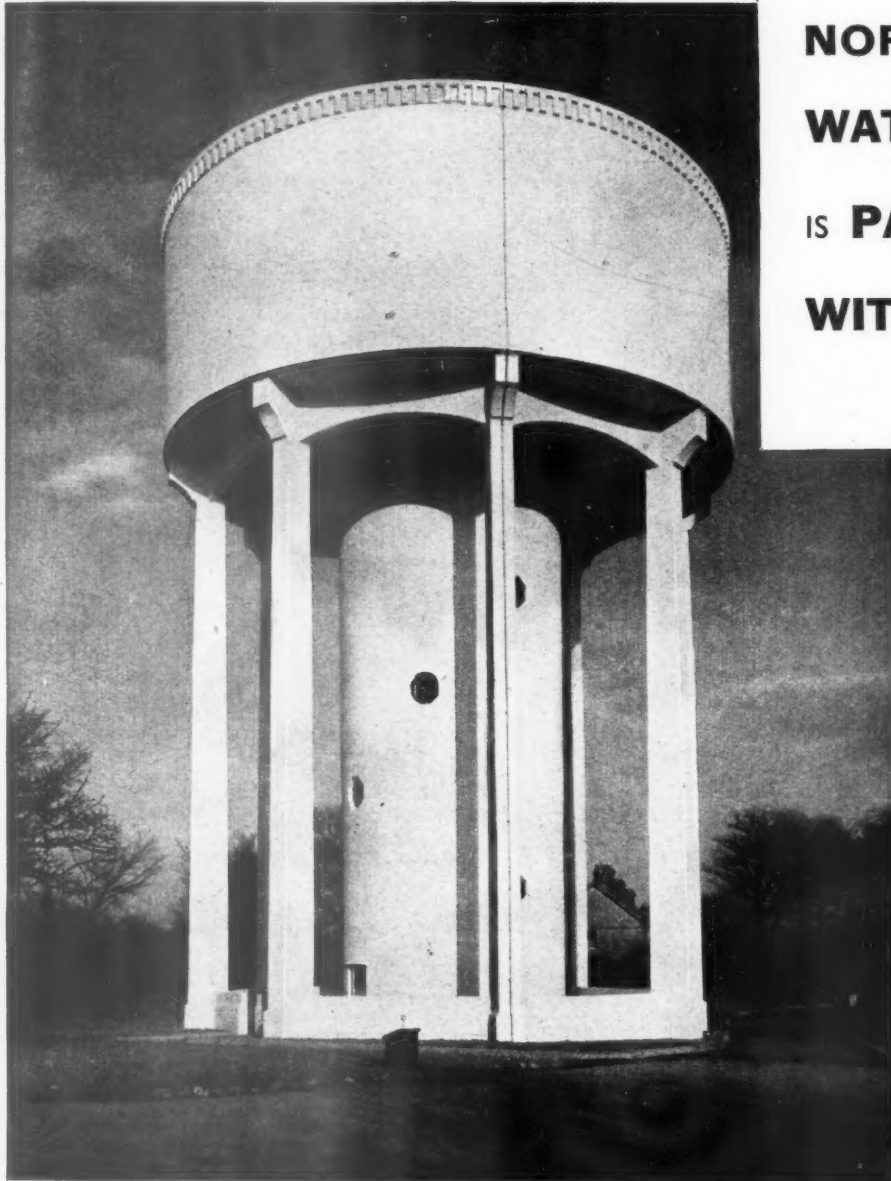
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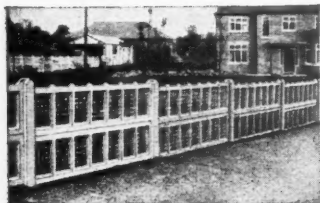
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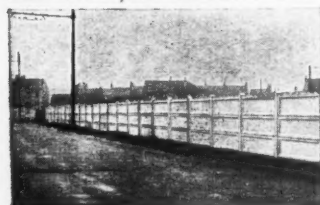
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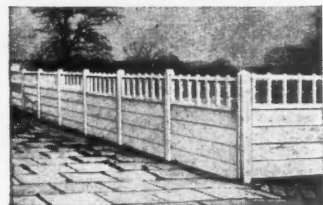
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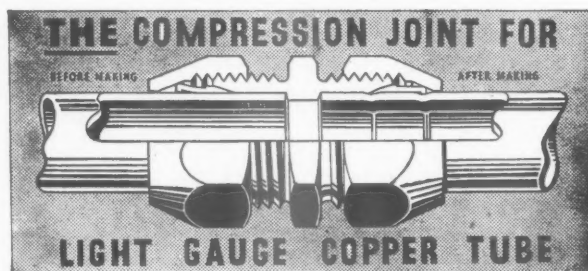
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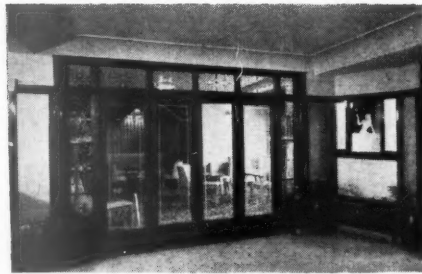
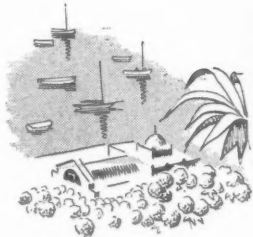
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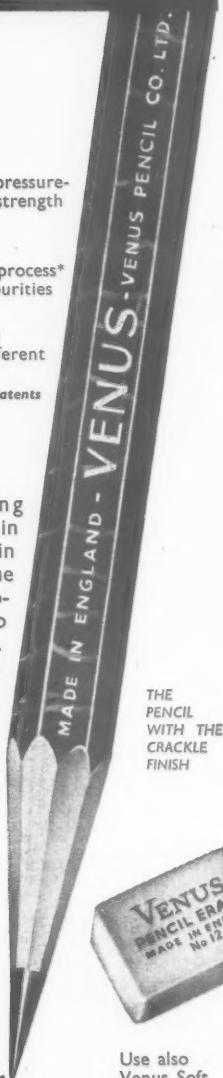
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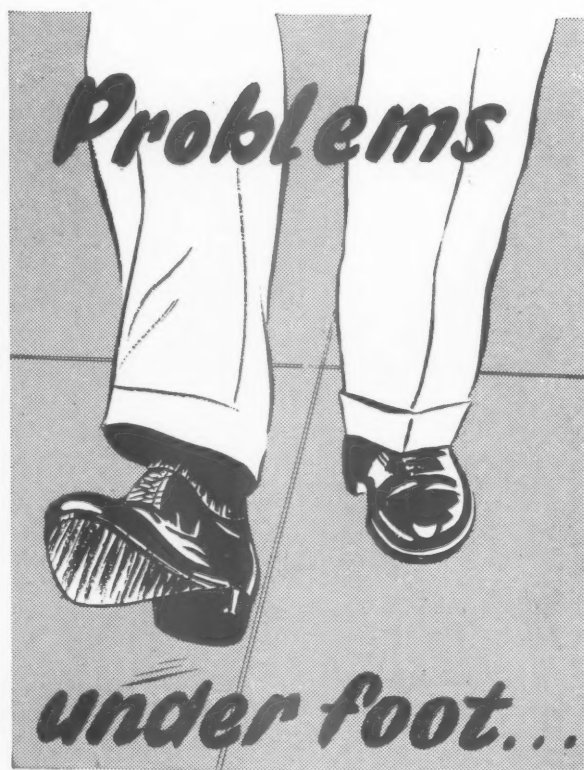


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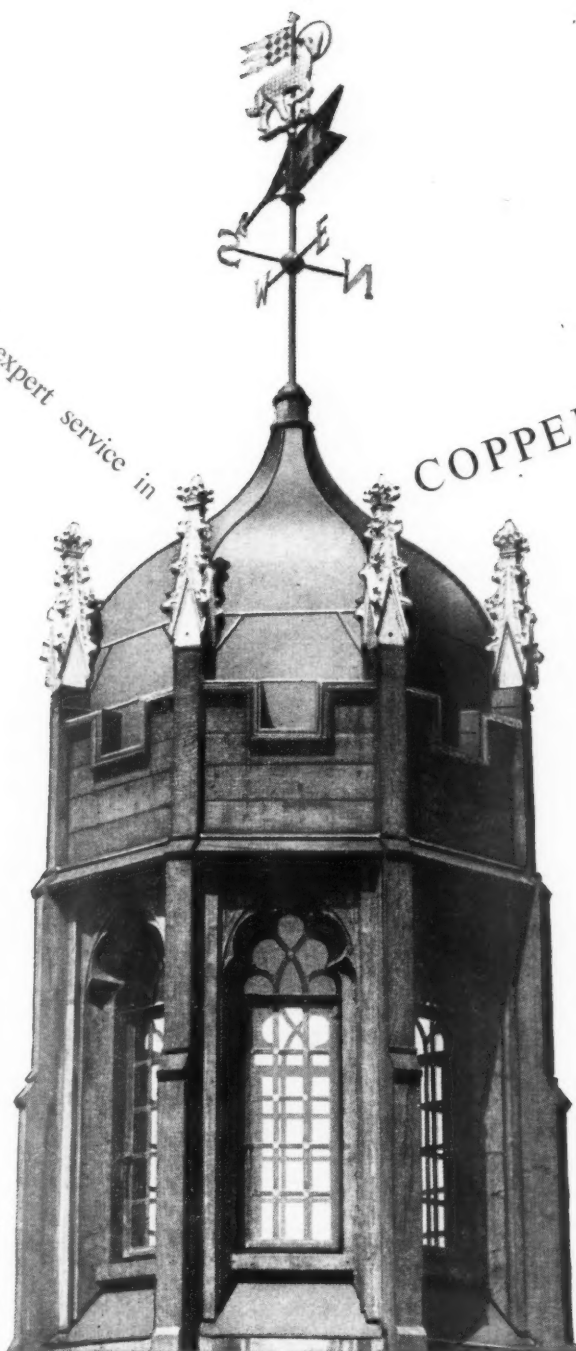
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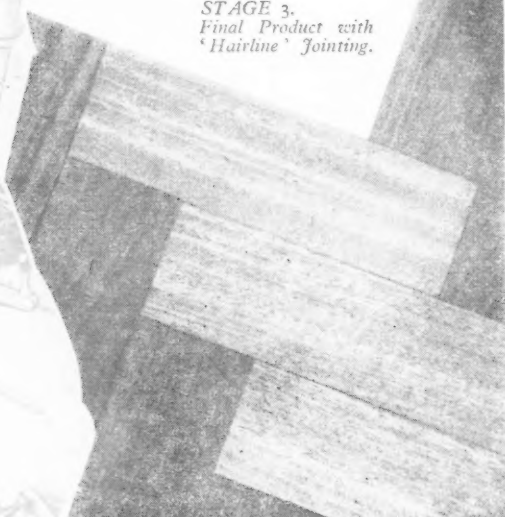
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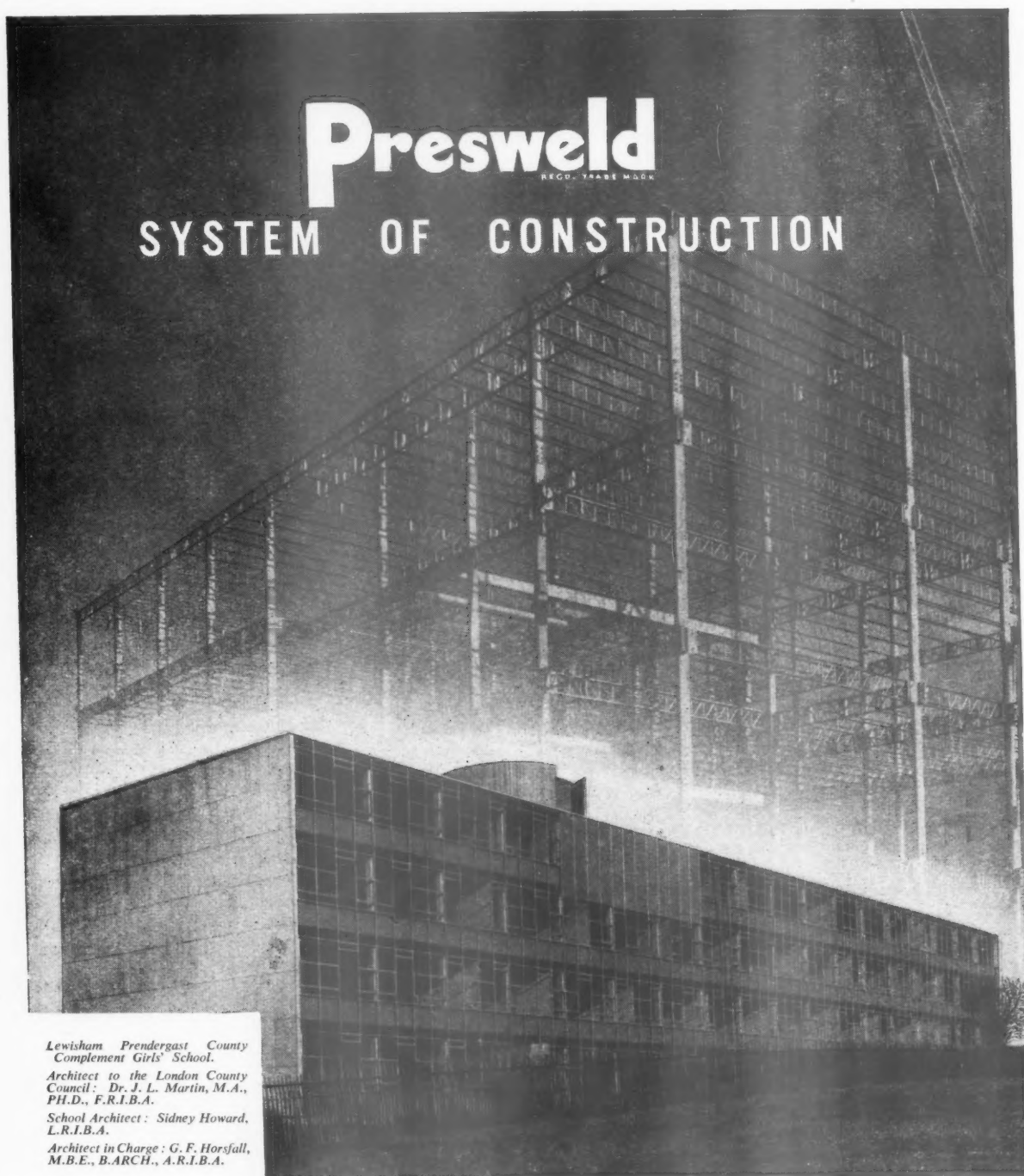
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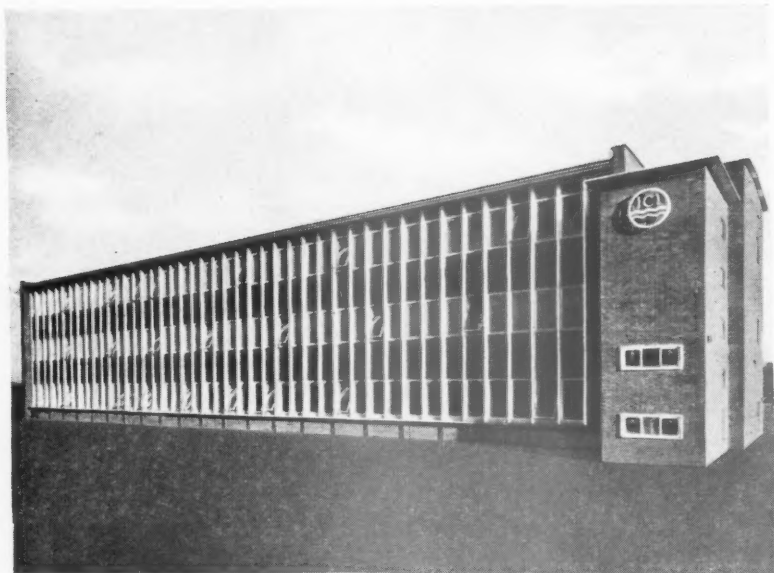
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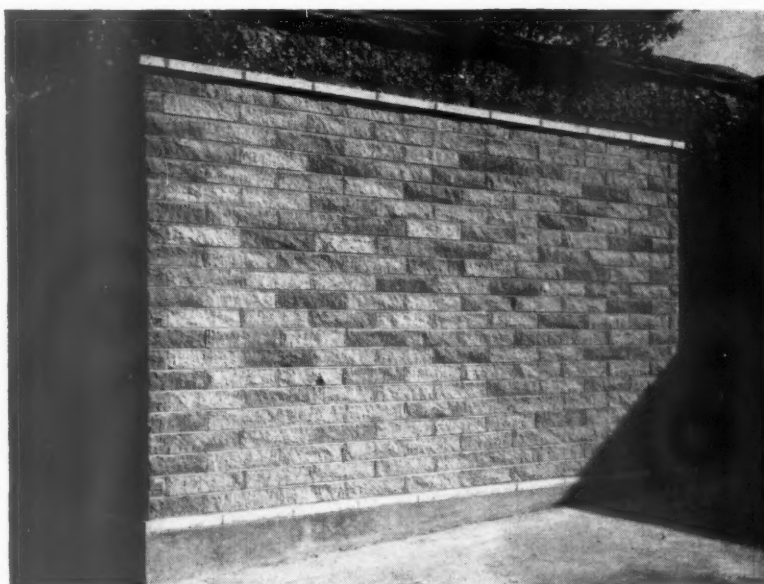
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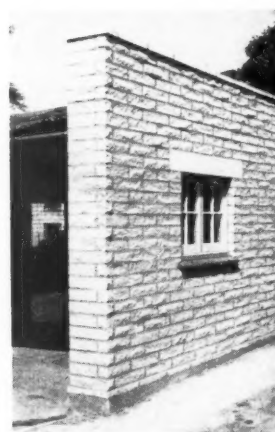
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ARCHITECTURAL JOURNALISM

Quite the most frightful building to be put up in this country by a so-called architect since the war is that neo-classical horror down at —

*

But wait a moment; are you sure you want to read any gossipy, architectural criticism? ASTRAGAL—who is, as you know, a sensitive plant—is feeling rather self-conscious after hearing the views of the editor of the *Builder*, Ian Leslie, on both architectural criticism and gossip columns. Mr. Leslie, who was addressing several colleagues and a few people who had gone along to the RIBA last week to hear about "Architectural Journalism," astounded

none of his readers by saying that buildings should be treated as news and should not be criticized. (He implied that they should not even be gossiped about by people like ASTRAGAL, whom he read from habit but could not approve of in principle.) At the same meeting an editor of the *Architectural Review*, Ian McCallum, also astonished none of his readers by backing up architectural criticism. It was, in fact, an evening with no surprises: even the brief "discussion" failed to send any editors away bristling with new ideas for circulation-boosting.

*

ASTRAGAL, who immensely enjoyed Sir Hugh Casson's witty remarks about the average reader of the JOURNAL and its contemporaries, felt that the RIBA's meeting showed once again that all that can be usefully said about architectural journalism at public discussions has already been said. Mr. Leslie and Mr. McCallum spoke humorously and lucidly on the matters they know so well, but ASTRAGAL hopes that at least one æon will have passed away before the subject is dug up again.

FROM WAR SORES TO EYESORES

"Everybody who is working . . . has the right to rest." Not, as you might suppose, the day's bright thought from a bedside calendar, but part of a caption in the exhibition of Polish Architecture which the Polish Cultural Institute is putting on at the RIBA. There are captions in this exhibition which do not reek of social consciousness; they are either ungrammatical or done in crude lettering—or both. But do not let inferior captioning put you off this exhibition; rather be put off

by inferior photographs of the eyesores where the war sores used to be.

*

If your social conscience is leaning so heavily to port that you feel compelled to enjoy this exhibition, you can either marvel at the efficient way Poland's depressing post-war work has been done, or you can kick the snow from your boots and join one of the little groups of intellectuals which are never seen at exhibitions from less enlightened countries. The ploy-words for admission to these groups appear to be: "What vigour! What variety of expression!"—difficult words to pronounce with tongue in cheek.

SNASRAH

While you are deciding which of the current exhibitions not to see, let me recommend one at the AA which has the snappy title: "Some New Aspects of Sculpture in Relation to Architecture and the Home"—to be referred to hereafter as "SNASRAH."

*

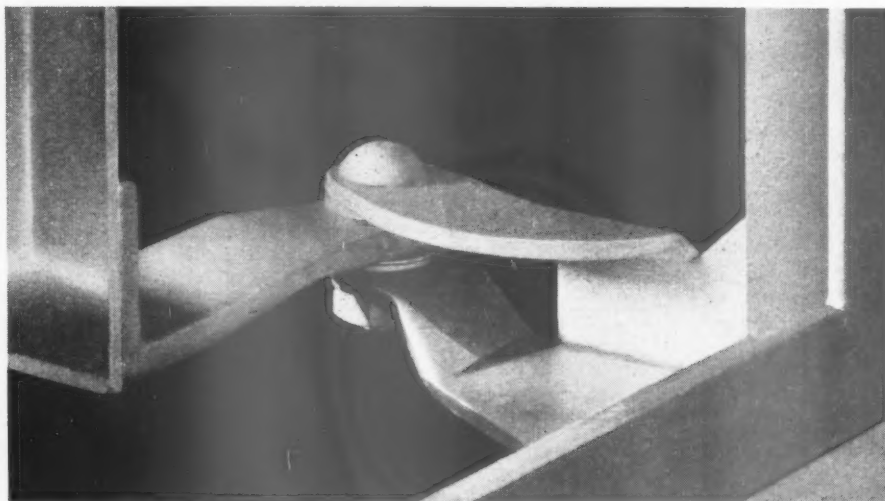
SNASRAH contains work by Peter L. Peri, who will be remembered for his work on the Station Gate at the South Bank Exhibition. He has now established a "new line" by using bas-relief—or a combination of bas-relief and round—to make pictures in perspective. Since sculpture starts, anyway, with all the advantages of being a three-dimensional art, it seems perverse to use a two-dimensional device to depict three dimensions.

*

Why has the AA given Mr. Peri the stamp of its approval? Think of the harm that may be done to first-year students if they are led to believe that SNASRAH is worth writing H about!

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Those who are always complaining that new building enterprises do not offer enough opportunities for artists to collaborate with architects should pay a visit to Corby, the youngest of the new towns, where the almost completed market square, the first instalment of the new town centre, contains a delightful mural decoration by Keith Vaughan. It takes the form of a large tiled panel, painted in an abstract design, on the rear wall of one of the bus shelters on the east side of the square.

*

These bus shelters, incidentally, serve very successfully to give a proper sense of enclosure to this well-planned pedestrian square in spite of the fact that the side on which the bus station is situated remains open until the Northants county architect is able to get started on his police and fire stations. The strong, clear colours of Keith Vaughan's decoration effectively pick up the colours used in the surrounding shops and flats. Congratulations for a lively piece of town design to the Development Corporation and their consulting architects, Holford and Wright.

WHERE'S GEORG? GONE TO THE TEA CENTRE

Georg Jensen is to silver what Harris is to tweed, Friar to Balsam and—But let's cut the clever stuff and get to the point, which is that an exhibition of Jensen's silver—arranged by the architect Finn Juhl—is now on view at the Tea Centre, Lower Regent Street. (It moves to New York at the end of this week.)

*

Some years ago *The Times* rather patronizingly called Jensen's silver "the antiques of the future," and ASTRAGAL has long had a slight distaste for the too-nicely designed objects of good taste one sees in Georg Jensen's shops. But what a pity we never see designs by Magnus Stephensen, Hans Heriksen, and the architect Henning Koppel outside such an exhibition as this. Where do their designs go? Perhaps to New York or to one of Jensen's shops in Paris, South America, Spain or Germany. It is sad that those who can afford to shop in Bond Street, and are design-conscious enough to buy from Jensen, are not expected to want anything as subtle or

as strangely lovely as many of the designs exhibited at the Tea Centre.

WALLFLOWERS CATERED FOR

In most years Chelsea's Flower Show—an annual orgy of Englishry—is prevented only by the flowers and the pretty dresses from being a truly squalid spectacle of fake rurality and false sentiment. This year the Royal Horticultural Society has invited COID to stock the show with well-designed machines for sitting in, and the photographs of the selected seats look both promising and exciting. Congratulations, RHS: private exhibitors please—oh please—copy.

POSITIVELY NO ADVERTISING

When the building research boys hit on something really good, they are often ignored by the Industry. ASTRAGAL is therefore delighted to report that the firm of Econa Ltd., which shall be nameless—in accordance with this column's rigid rules about advertising—has already got to work on single-stack plumbing. (You will remember that the single stack caused a lot of excitement in plumbing circles—sometimes known, wrongly, as washers—at the Scarborough Health Conference in April.) I must not tell you any more, dear reader, but let me give you a little hint. You could do worse than turn to a nameless feature, in this week's issue, which I shall call, quite simply, an Information Sheet.

ASTRAGAL

NEW S

RIBA

Trade Union Talks

The RIBA, which found from the results of its recent questionnaire that nearly 6,000 members wanted a trade union, are now studying "what further action may be taken."

They have decided to talk about the matter to the ABT "without at this stage involving either side in any definite commitments."

LCC

Considering Standard Form of Contract

The LCC, which for some months has been considering a suggestion that it should use the generally accepted form of contract of the RIBA is not yet prepared to

abandon its present standard form of contract. "Certain fundamental differences" have been "revealed" in the two forms of contracts, according to R. E. Goodwin, of the LCC's Housing Committee. The Association of Municipal Corporations and the County Councils Association are each considering the question of modifications necessary to the RIBA form to meet their requirements and the LCC has been invited to discuss the matter with them.

The LCC also intends to discuss the local authorities' requirements with the building industry.

In giving this information Mr. Goodwin was answering a question at a LCC meeting.

GAS COUNCIL

Design Discussed at Southport Conference

A "Sales and Service" Conference and an exhibition of gas appliances were held by the Gas Council at the Floral Hall, Southport, last week. There were morning and afternoon sessions on both days. Twelve papers were read, most of them dealing with sales and the internal affairs of the gas industry.

In a paper on the "Design and Development of Gas Appliances," W. D. King made some forthright and encouraging generalizations. "It is important," he said, "to make it clear from the outset that neither sales hunches, nor even a study of consumer preference by the usual market research techniques, can by themselves give the designer the necessary sound functional basis on which to prepare his design. While the salesman must obviously keep his ear to the ground, the designer and technician must go beyond the limits of the consumer's experience, and behind the façade of the showroom, if they are to justify their existence by opening up new avenues of approach to the ideal."

Mr. King had this to say about the open fire: "While it must be conceded that there is something deeply satisfying aesthetically in this characteristically British institution, there is no single part of the domestic equipment on which an entirely different compromise in design from that currently accepted is more urgently needed. It is not possible on this occasion to deal exhaustively with the problems of space heating, but the cramping framework of the orthodox fireplace defeats, from the outset, almost every technically and functionally attractive approach to this problem."

DIARY

Looking at Things. Dr. J. L. Martin. A broadcast talk about the design of the Royal Festival Hall. Home Service, 2.20 p.m. MAY 28

L.C.C. Open-Air Sculpture Exhibition. Holland Park. Daily, including Sundays. 10 a.m. until dusk.

MAY 29 UNTIL SEPTEMBER

"Designed and Manufactured." Industrial Design Exhibition at the Central School of Arts and Crafts, Southampton Row, W.C.2. JUNE 22 TO 25

The Production Exhibition and Conference. *The Institution of Production Engineers.* At the National Hall, Olympia. JULY 7 TO 14



BRITISH ARCHITECTS CONFERENCE, TORQUAY

THE MEN BEHIND THE CONFERENCE

The hosts of the British Architects' Conference at Torquay are the Devon and Cornwall Society of Architects. As can be imagined, conferences of such a size and duration, with such a lengthy programme of talks, receptions and tours, demand a great amount of time and trouble on the part of the organizers. Readers are already familiar with those who are behind the organization of every conference: Secretary Spragg and his official staff—so we show here those personalities who, over the past few months, have devoted much of their spare time, and a great deal of their office hours, to ensuring that the conference will be a success. We publish below some excerpts from the Conference paper, which has already been sent to members, and it is followed by a short account of the Devon and Cornwall Society.



Above left, Edward D. Mills, and right, William Allen, chief architect to the Building Research Station.

BUILDING MATERIALS AND TECHNIQUES

By William Allen and Edward D. Mills

The following excerpts are from the paper by W. A. ALLEN and EDWARD MILLS to be presented at the British Architects' Conference at Torquay.

Forces of Nature

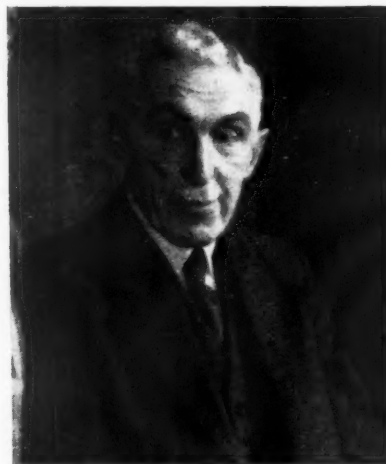
We must try to think our way towards a technique of construction that fits the modern facts. There is an example in the fundamentally unwise course of employing the aesthetic concept of the flat plane, simple surface when we try to make it by plastering

(usually with shrinkable plasters) over a mixture of construction such as clinker block, brickwork and concrete framing, with perhaps an odd bit of wood framing and plasterboard. How can we expect anything but cracking? Every one of these things will pull away from its neighbour unless we are lucky, and our aesthetic objective will slip away out of reach. It is the easy way, of course, this kind of "plasticine thinking," but it is not good design. To finish right we must start right and think from the structure out to the surface, and from the surface back into the structure, so that the one registers the other properly, and the whole belongs harmoniously to the concept of the completed building. The trouble is not that we do not understand the mechanisms, or cannot explain failures, but we cannot yet put numbers to the processes in ways which make prediction reliable. Both field and laboratory research are needed to clear matters up, and this will take some time; and so as architects we must presumably take refuge in some conservatism, or stick our

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First to be acclaimed is, of course, the recently elected President of the Devon and Cornwall Society, the popular and charming architect-farmer Vyvyan Salisbury—seen extreme left on the opposite page, doing some night-ploughing on his farm at St. Issey after a day at the office. Next is Edward Narracott, left, last year's President, and chairman of the conference executive committee, the man who has carried the brunt of the responsibility for organizing the conference. Not so obviously in the forefront, but nevertheless indispensable for the smooth running of a conference committee, are the Honorary Secretary and the Honorary Treasurer. Martin Fleet, right, is the former (see also page 635), a modest but very capable young man who has been secretary of the Society for six years. The Treasurer is John Bennett, extreme right, from 1914 to 1944 the Exeter City Architect, and one of the Society's oldest and most respected members.



The man who, as chairman of the appropriate committees was responsible for producing the conference handbook and for organizing the conference tours is C. H. P. Pearn, extreme left. C. F. J. Thurley, above, has arranged for an exhibition of architects' work and a display of materials and John A. Powell, left, has been responsible for hotel accommodation.

necks out and learn from experience where the border lines lie. The point is then, let us learn corporatively, as a profession, by telling one another both of our successes and our failures.

There is a range of deeply important thermal problems in building design. It has, for instance, been very difficult for us to appreciate that a building, which looks so fixed and stable, is constantly in motion, changing its dimensions from hour to hour over a range which also varies from summer to winter. If no particular precautions are taken, the amount of movement will be of the order of 1 in. in 150 ft. as between summer high temperature and winter low. Unless it is minimized to a degree which will not ask too much of the elasticity of building elements, there will be cracking of walls and partitions and of the frame if this is concrete. Most of this will take place in the upper storeys where exposure is most severe, and if it takes place in the roof it may fracture the waterproof covering, especially if different parts of the

structure next to one another expand at different rates and amounts.

The problem has become severe in our time because we have changed from relatively weak and discontinuous structures to strong and rigidly continuous types; and we use flat, continuous roofs where our fathers used discontinuous weak systems of tiles, metal sheet, and thatch. The latter tended to be fool-proof, but the other is far from being so.

Clay Products

Some English clay brickwork is as lovely as any in the world, and bricks will no doubt continue to be used here in lovely or less lovely ways for a long time to come. But against them at present is some scarcity, apparently high price, high labour content in laying, low thermal insulation, and an inability to meet certain aesthetic demands. We cannot look entirely to substitutes to relieve the difficulties, so we must seek what comfort we may with clay. There are several interesting lines of development.

Perforating bricks is an obvious possibility and is already extensively done in Germany, the U.S.A. and elsewhere. The perforations reduce thermal capacity and increase thermal insulation (potentially by some 300 to 400 per cent.). By the same token they use less clay and can generally be fired more quickly, both because of this and because the holes permit penetration of the hot kiln gases into the units. The quicker throughput should lower kilning costs and can increase production, and the lighter weight is an asset in transport and handling. There is still something to be learned about the best form of perforation to use for thermal insulation, but there is active Continental research on this aspect, and the Building Research Station is doing all it can to induce British brickmakers to make perforated units. At least one-third of the industry, or some proportion of that order, can change apparently without undue difficulty. This is the kind of situation where architects can really help a great deal by formulating demands, for if they do not no

one will, and industry may not move. Local authorities used sometimes to turn down perforated brickwork as too weak, but this is nonsense, as will be evident later when we discuss whole structures.

The use of pulverized fuel ash is another very interesting development. Our power stations produce this as waste from the coal burnt in making steam, and at present it amounts to about 2,000,000 tons per annum. It is now clear that the ash can be used very well, in association with clay, to make bricks. And it could make a great many bricks, a thousand million a year at present. One of the unexpected things about p.f.a. bricks is that they are very attractive as facers, tending to be medium or darkish reds and greys, indistinguishable from some of the best-known makes. Good commons can be made too. The drying shrinkages in manufacture are very small, so that very fast drying and firing schedules are possible. This, together with the basic cheapness of the material, could (like perforation) apparently lower costs, and that lowering we must hope will be passed on to us.

We are entitled to ask if the brick industry is interesting itself in meeting anything but traditional demands in appearance. We see few signs of it, and with the exception of some parts (including fletton production) not as much interest as we would like in aids to efficiency. Why do we see, for instance, so little interest in hollow clay blocks? On the Continent we find finely made blocks in vast quantities from the North Sea to the Mediterranean, and in the USA another range of accurate, ingenious blocks, self-finished with grey, ivory and other glazes, and in good proportions for external and internal presentation. Some of them are made with glazes on both faces, to form fair-face work both sides, most valuable for factories and other such building needs. And a valuable time-saver in laying.

It is a little unfair, of course, to blame the industry entirely for their lack of innovation because as a profession we have not focused and voiced many demands beyond the traditional. Partly this is due to the fact that many of our own best innovators have been told to keep their hands off bricks since the war, to leave them for housing work, and partly no doubt it is due to the attitude which affected some of us at various times, when we came to regard the use of brick as a defeat, if not actually immoral and traitorous to the advance of modern architecture. But brickwork is still the sharp competitor on price in many parts of the country, as well as being the backbone of the industry, and so we should perhaps invite the industry to explore with us these and other new possibilities.

Concrete

Reinforced concrete came into use in this country about half a century ago. Up to the end of the first world war it was treated as something to be done by specialist firms, and it was, on the whole, done well. It was seldom left exposed, however; most commonly it was rendered. Buildings built then, in that way, have survived well but generally look very drab.

Between the wars sharp changes took place; the specialist firms gave way to general usage by ordinary contractors (who reduced it on the site to labourers' work) and architects decided that here was new raw material for architecture, to be left exposed as a true expression of structure, and reduced in section to the most elegant dimensions possible. Quality of work seemingly went down, but the need for quality went up.

The result has been a very clear demonstration that *in situ* reinforced concrete, used like this, cannot be relied upon to have a trouble-free life of more than about 25 years. And although our climate is a contributor to its deterioration, similar results occur on the Continent, where even in sheltered places, for instance on pilots and the roofs they support, great spalls have begun to appear on buildings only 15 or 18 years old.

The weak points in *in situ* work are the thinness of cover over the steel and the unreliability of workmanship. It is clear now that all steel—not just the main bars—should have a cover of probably 1½ in., which will add to cost and often detract from elegance. And as for workmanship, the specification of mixes and water-contents alike are often senselessly ignored on many sites in the presumption that what looks right is likely to be good enough. If we are to use reinforced concrete really successfully in our grammar of contemporary design, then we must not only give the matter a great deal of thought ourselves, but insist upon the industry doing its part to raise standards quickly. Even so, it is questionable whether we should leave *in situ* work exposed. One cannot help asking what place we are going to give it in our daily work, but this then begs one or two still wider questions that we ought to ask ourselves about techniques. We have all noticed the strain of getting things built since the war; almost every building seems a struggle to make the industry meet our demands in design. Partly it is due to shortages, but it is also partly due to our inability to settle down yet with an accepted common grammar of modern conventional building, and work within it. We are in a highly creative period of design where we seek originality at every turn. The difficulty seemingly is that we then demand more from our industry than it is organised to deliver, and this presumably is the cause of some of the strain.

Perhaps we ought to ask ourselves if we should not try to do as the Scandinavians have done—refine and keep simple our conventional building for day-to-day purposes; then add to it our growing repertoire of good prefabrication for the same categories of buildings, making as it were one stratum of low-cost, mass-produced, easily assembled good quality "goods"; and finally thus reserving a more proportionate effort to go into the high-grade "one-off" design. It is a curious twist of fate that the originality which is the obvious merit of so many of today's British architects is at the same time one of the barriers to refinement, ease and simplicity of design and construction. We must remember that all the architectural innovation of recent years has not reduced building costs, but has, if anything, increased them. The one place where this generalisation does not hold is in the schools programme, where operational research has shown us the way to economical planning. This is an idea capable of much development in the profession.

The success of current prefabrication really derives from the successful introduction of the idea of development teams, where you combine architects, users, cost people, engineers, perhaps a specialist or two, to work with or in industry to bring into existence economical, sound, elegant new ways of combining new or existing building resources. It is the combined thinking and design power, and the kind of operational research approach that goes with it which yields the results. It is a new technique for us as architects, and it is a very valuable tool for shaping the industry to our needs. Even on its present scale it has served us well, and we must cultivate it in the profession until we feel it has given us all we can get out of it.

The London County Council has made an interesting new attack on flats along these lines, combining a nominated contractor, a consulting engineer, the Building Research Station, and a special group of its own architects. They have a substantial scheme to carry out, and are attacking through a thorough preliminary cost analysis of alternatives. The timetable does not permit a great deal of development work before the first buildings go on the ground, but a sustained attack by this method cannot fail to show good results before long. If the people are right, the method gives the power. The field before us for study in this way is very wide.

We have been somewhat critical here of what seems to be backwardness in the making of the traditional materials, but we must not forget to

consider whether we are served well on the assembly side. Unquestionably, organisation in the big firms is improving, and we can expect this to spread slowly down the ranks of builders; but are we quite happy about the training of labour? We can see clearly that we are increasingly dependent on higher-grade technology, which means not craftsmanship so much as the ability to think and understand from first principles. Roofings, wall facings, painting, concrete work, brickwork, prefabrication all bring us face to face with the ability or inability of the man doing the job to analyse correctly in novel situations. Is the training right, and is it having results that satisfy us? These people, in the end, are our agents, and it is up to us to satisfy ourselves about their quality and capacity.

And then, in the end, we must look at ourselves, and ask some of the same questions. How well are we preparing our students in terms of what we are discussing here? Are we really working at the right level in education when we cannot claim a single post-graduate school in subjects nearer to the heart of architecture than town-planning? And do we older members of the profession yet have the right technique of keeping ourselves alive to modern problems, and in control of the situation?

These are matters that seem to need some discussion.

Away back in the first years of this century, when reinforced concrete was new, the Institute took the responsibility for convening a Committee with Sir H. Tanner, President also of the Concrete Institute, as Chairman, to look after the development of it along sound lines.

We may think this now an unusual RIBA job, but is this sort of thing not still necessary today from us, and would it not be wise of us to consider afresh some way in which we can once again, as a profession, bring our influence directly to bear upon the trend of technical development in the industry? For example, are we wholly fair in criticising some part of it for not producing what we want if we do not give voice to our needs? We cannot have development teams everywhere, though basically this is one of the best means to action. Alongside it, a suitable Institute mechanism might be the symposium, actively used, backed up when it seems results can thus be obtained by suitable committees with the industries concerned.

Techniques

Of course it is one of the mysteries of building in this country that one-storey constructions often turn out cheaper per unit volume than two- or three-storey work, and an even greater mystery that houses cost no more than about two-thirds of the price of an equivalent flat, and sometimes less. It is in such contrast with continental experience, where flats are cheaper if anything than houses. But this may, of course, be because continental houses are too expensive. This needs and is now to get some study.

Some formidable questions have to be answered on modular co-ordination, for presumably we will have to have a small module for conventional building work, and this must be related to the large modules needed for prefabrication if we are to avoid perpetual muddle in our standards. Thus we will apparently have to have a basic unit with preferred multiples of it, and no doubt the arguments about the basic unit will be quite warm, for a great deal is at stake. Perhaps all that can safely be said at this moment is that the 4-in. module which is so widely talked of is by no means the only contender worth considering; there is at least one unit either side of it, and perhaps more that have arguments in their favour also. An open mind is now the vital need.

The Broader Picture

One cannot help being struck by the fact that far more initiative and far more inventiveness

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is being shown in construction than in materials, and that on the material side the outlook is better in the non-traditional than in the traditional fields. The makers of traditional materials supply the wherewithal for a great bulk of our building programme, and we cannot view any lack of initiative here without great concern.

On the face of it the distinction seems to be between those industries where modern science, engineering and technology are allowed to play their part, and those where we see too little evidence of it. A disappointing spot seems to be just where we are entitled to expect the most responsible approach, namely, in the clay industries, because they are so important. It is not only that we find so few signs of interest in seeing if there are new ways they can serve modern building, but the costs often

seem definitely high, though some parts of the industry are, of course, very efficient. Improvements should be possible in other parts, and we should see a better range of products.

Perhaps the fundamental trouble is that brickwork is still substantially unchallenged on overall cost, but if this is the reason it is not one that we can accept as a justification for any easy view of the situation.

It is easily possible, too, to leave an unintended feeling in this kind of paper that research is inadequate or insufficiently used. Most of those who are in research realise the need for expansion of it, and for better reception and development mechanisms in industry; but let it be very clearly understood at the same time that in costing, mechanisation, management, structural design, and materials development, to mention only some

of the fields we have discussed, the fact that we can see the situation clearly now, and are on the march—often a long way forward—is due more to research and attendant development than to any other single factor, excepting perhaps economic motives.

The development that gives uniqueness to British post-war building is the growth of high quality, large-scale prefabrication. In no other country of the world is anything comparable to be seen. It is successful, its costs are not unreasonable at present, it offers savings in time and great convenience, with controlled quality and architectural elegance. If costs of traditional work drop, as they can be made to do, then prefabrication may have a harder time; but it is in its infancy, and no doubt can look forward with some confidence to holding a competitive position as it develops bigger markets and higher efficiencies.

THE DEVON AND CORNWALL SOCIETY OF ARCHITECTS

In the provinces, the local architectural society can play a very much more important role than the London architect, within a stone's throw of 66, Portland Place, readily envisages. Below is a short account of the Devon and Cornwall Society, and of some of the issues it deals with.

The members of this society are scattered over an area 150 miles wide. To attend a meeting is often a real sacrifice in time and money, involving, as it does, the best part of a day's travelling. And yet this society is not moribund—far from it. It is probably one of the liveliest in the country—or about to become so. The subjects brought up at the last AGM will perhaps serve to substantiate that. For instance, H. B. Rowe, the City Architect of Exeter, attacked an MOHLG circular offering free plans and bills of quantities to local authorities in order to achieve standardized housing, on the grounds that many authorities might take advantage of this offer and not employ architects to design their housing. And in the Council report it was stated: "Through representation, made at the desire of the Council, at the Allied Societies Conference, consideration has been given to the problems of the infringement upon architectural practice by unqualified persons. A report is now published on the action taken, or in the process of being taken, to dissuade local authorities from permitting Officers in public service to re-draw unsatisfactory plans submitted for approval, and to encourage these authorities to return such plans with a strong recommendation that a properly qualified professional man should be employed by the building owner. The Council feel that another effective way of reducing the work of the unqualified practitioner is a closer liaison between the architects and the builders, and the most effective way of achieving this is by way of the Joint Consultative Committees, which have been formed within the area of the Society."

The implication of this, of course, is that the local planning officer tends to become a poor-man's architect. In his endeavours to achieve high standards of design in his area he feels bound to advise would-be developers on their designs. He does this, of course, to both

architect and layman. He only wants good results, and is not so much concerned with how they are obtained. The planning officer can well argue that it is not his task to persuade developers to use architects. He is there to ensure a standard of design and he is expected to proffer more detailed advice on a design than merely to say "use an architect." The whole issue is a very controversial one and it is surely indicative of a lively society that it should be one of the subjects under discussion. Last year's president, Edward Narracott, started giving lectures to students in order, in the words of the Council's report "to advise them in the affairs of architectural education, and generally on the work of the profession. The Council feel good can be done in this direction and that the scope of the lectures might in future include the technical and secondary schools, in order to assist career masters and help them advise their pupils."

How many presidents of local societies attempt such an onerous task? And yet the need for it is very great, particularly in an area such as Devon and Cornwall where there are no recognized schools of architecture and very few art departments to help the student. But even in areas where there are schools, such a series of lectures could be invaluable, because, on the whole, the ignorance of young architects and students about the organization and politics of the profession is enormous, and it is probably due to this ignorance that there is often such little interest in the work of the local societies and indifference felt for the RIBA.

These three examples of subjects mentioned at an annual general meeting surely suggest that the society is performing a useful function. The fact that it exists at all suggests that it supplies a need, and it has been in existence now for over sixty years. An informal society was started in Exeter in 1887, which was founded at Exeter in 1890 as the Devon and

Exeter Architectural Society. In 1894 the Plymouth branch was formed, and the society became affiliated to the RIBA. It had 58 members. In 1926, as there were a number of Cornish members, the name was changed to the Devon and Cornwall Architectural Society. Cornish architects have been making their presence felt more recently too; in 1950 the Truro branch was formed, making the third branch, with Exeter and Plymouth, in the Society. Already this new branch has accomplished something worthwhile in getting the Cornwall County Council to agree to its students and employees having 8 hours a week off for study, in order to qualify for deferment from the National Service call-up—a practice approved by the MOL.

The Truro branch has another feather in its cap—its year book. This, in layout and typography, is one of the best produced by local societies anywhere (and the neighbouring Plymouth Branch Journal is a very much smarter publication than most), and it has definitely the finest design for a cover—a really professional job produced by a very young architect of whom more is bound to be heard—J. B. Crowther. His father, J. H. Crowther, edits the year book, is vice-chairman of the Branch, and one of the Branches' strongest supporters.

One of the problems of any professional society is to keep their members interested when they have no grievances to air. This problem is aggravated in Devon and Cornwall because of the distances which have to be travelled to attend meetings. They have adopted a course which does go some way towards ensuring the participation of members. They indulge in a large number of committees and have a large council, so that the work is spread over a considerable number of people, all of whom, therefore, have a part to play. A multiplicity of committees may not always be a very efficient way of getting results, but it is very much more efficient than having to function with an indifferent, or inadequate membership.

This society, like most of them, has not sufficient active support from its younger members. At the AGM, for instance, only about four students attended, in a total of 31 members. Of course some could not leave their offices and some could not travel the distance, but surely the main reason for the lack of interest is due to the inordinate amount of time which can so easily be spent on relatively trivial matters—the careful proposing and meticulous seconding of votes of thanks—the lengthy arguments on where to hold a dinner, the needless anxiety over a £10 loss on a summer outing. The whole procedure of holding meetings might well be studied (in Portland Place, too), so that the irrelevant, the minor, or the merely conventional cackles could be



Above, a council meeting of the Devon and Cornwall Society about to begin. On this occasion it was held at the Rougemont Hotel, Exeter. From left to right: Vyvyan Salisbury, the recently elected President; and, hidden behind him, W. Martin Fleet, J. Arden Powell, J. Radford, V. Uren, G. F. Spray (with back turned), C. F. J. Thurley, vice-president, and S. N. Hewitt. Left, standing on the steps of his Department of Architecture at Palace Court Schools, Plymouth, is E. U. Channon, who is also head of the Department of Building. The Plymouth school, of which Mr. Channon has been principal for 22 years, is the only listed school in the two counties which prepares students for the RIBA external examinations. There are about 30 whole-time students and 20 evening pupils. Mr. Channon used to practise in Plymouth, but gave it up because his teaching responsibilities grew so big. He has over 1,000 apprentices in the Building Department.

cut. In order to increase membership, and, more important, attendance, at society meetings, might not the principals of firms ensure that transport—and, if necessary, free time is available to assistants who wish to attend? This may seem an expensive proposal, but it should, in the long run, pay dividends. A well-knit and united local society could become an important factor in a county. They have not, as yet, begun to understand what they could do, if they were well organized by means of sound publicity, to make themselves known to the general public as a profession with an essential service to give, and with a disciplinary organization within it which ensures that the public gets the standard of service that it should have.

The bulk of the private firms in Devon and Cornwall exist on minor works—repairs, conversions, additions, small houses and shops. The large housing estates, the schools and the big department stores are done by public

architects and by the staff architects of the commercial companies. There is very little industry in the area, so they are without the opportunities which have enabled architects in the Midlands and other industrial areas to flourish even through the grimmer post-war years. This lack of industry has the minor compensation that building labour is not so readily attracted by higher wages into other occupations and, in consequence, the standard of craftsmanship is still fairly high. On the other hand, a multiplicity of small jobs means that the architect is more than usually aware of the implications and snags of the Town Planning Act.

To those of the architectural profession who have fostered the idea of town planning and who look on it as a logical extension of the role of the architect it will be perturbing to read the following remarks made by last year's President of the Devon and Cornwall Society, Edward Narracott:

"Now we come to the Town Planner and Town and Country Planning Acts. I think we all readily accept the position that in the past 12 months or so there has been a saner approach towards town planning. We are finding now up and down the country that this angle of not wanting to help the developer by town planning officials is giving place and giving way to a helping hand. The developer is now being treated as a useful citizen of the community and not one who is battering on the country. And I think it can truthfully be said that whereas in the past we have experienced a lot of self-important officials laying down the law about doing this and that—in the main a lot of it is their own whims and fancies—that is now receding and we are getting a saner approach towards planning. I heard someone say to me quite frankly: 'Were town planners really necessary in any town that was practically built up to its boundaries?' I leave that point with you. If they are necessary, can you imagine our towns looking as picturesque in the future as they were in the past when there was no town planning in the sense we use it today?"

One of the troubles of the small architectural firm in the country is his relative dependence, in some instances, on local speculative builders. It is not unusual to find architects who are more or less ashamed, in consequence, to acknowledge some of their own designs, because the speculative builder has had so much influence on the final appearance of the houses. With so much emphasis too, on private houses for retired people, or for alterations to existing country cottages for the same type of client, the architect is inevitably going to clash with the planning officer and the local authority. To many architects a road frontage means land ripe for development—to the town planner it more often means the danger of yet more ribbon development.

While well aware that many architects are quite prepared to ruin a view, or mutilate a building if their bread and butter is at stake, nevertheless we feel that the onus in this planning issue is surely with the planners. The sooner the planner and the local architects can get together and work out a development plan between them the better. If the planner wants his ideas to get across he should first attempt to show architects his point of view and then furnish them with information so that the architects can give their clients positive advice on where best to build. In fact, in areas of scenic beauty such as Devon and Cornwall where holiday making is a major industry, it will be disastrous if architects and planners continue to quarrel with each other and do not co-operate. The issues involved in the term town and country planning should form a continual and major topic of discussion between architect and planner and within the local Society itself, for, correctly handled, it could be a tremendous source of strength for the profession and of good to the public.

The architects in the West Country are a more than usually friendly lot, as visitors to the Conference will discover. The competition between them for work is not allowed to interfere, on the whole, with personal relationships as sometimes happens in other areas. It is, however, rather odd that, staunch Devonians or Cornishmen though they may be, they are reluctant to work for their own local authorities in public offices. Very few of the principals of the public offices in the area are local men. This may be true throughout England. In any event it is surely regrettable. The prospect of a public appointment seemed to appal many private architects when the suggestion was made to them that they should be working for their local authority. The reason for refusing to do so was usually the same—the unpleasant conditions of work of the public office. If that is the case, is it not time that these conditions were made more attractive? And are not some of these very intelligent young private architects just the men who could, and should, go into public office and make the necessary changes?

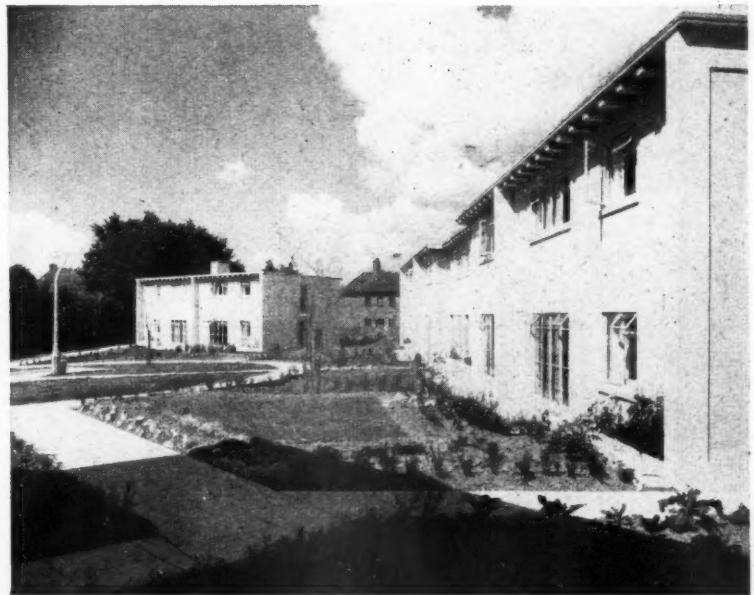
THE ARCHITECT IN DEVON AND CORNWALL

There are nearly two hundred architect members of the Devon and Cornwall Society, so it is obviously impossible to show them all, together with their buildings, in a single issue of the JOURNAL. We have had to be selective therefore, and the following factors have guided our choice. The Conference is in Torquay, so we have shown all, or nearly all, the architects who practice in that town or have recently designed a building there. We have given a brief reference to the four big local authority offices in the area—the Devon and Cornwall County offices and the City offices of Exeter and Plymouth, and we touch on the work of those architects who, by being on the council and committees of the Devon and Cornwall Society, have given so much time to helping their profession and to ensuring the success of the Conference. Finally, when told by local architects to be sure not to forget old George at Blanktown we have endeavoured to include him. To the many not included who should have been we offer our apologies, and the assurance that we will return to the area shortly in our ceaseless search for good modern design.

Edward Narracott

architect in private practice in Torquay

The youngest son of a Devon builder, Edward Narracott had the rare advantage of spending eighteen months as a building manager in his father's firm after qualifying externally—a practical experience which he has found very worthwhile. He was a chief assistant to Geoffrey Bazeley, of Penzance (see page 653) for two years, and worked in offices in Bristol and Plymouth before starting up his own practice in Torquay, where he now has an office of ten. President of the Devon and Cornwall Society, for the past year, and now Chairman of the Exeter Branch, he has gained an enviable reputation for getting things done. Intolerant of red-tape, and far from taciturn he is just the man





to hustle along a committee so that it makes up its mind—and makes it up more or less correctly. It is perhaps fair to say that a few more conventional members of the society viewed his election to presidency with a certain amount of caution—because he is far from being the standard type of president of a profession. He dresses slightly too well, for one thing, which is always alarming to the orthodox, and his manner is more vivacious and excited than professional convention expects. Although Devonshire born and bred—and with an unconscious Devonshire phrase in his speech to emphasise it—his character is not that of slow, stubborn stage-rustic Devon, but of a livelier race altogether. With his slightly florid appearance it would be easy to imagine his forebears amongst those colourful characters who made the West country famous and feared for its seamen adventurers. And a presidential chain and five years as an alderman on the Torquay Council have not ironed out a certain slightly romantic ebullience and humour in his character which, offsetting hum-drum orthodoxy, is one of the reasons for his success as president. The criticisms which might have been voiced at the start of his term of office have been silenced by his efficiency and drive. He is a strong advocate for architects being on local councils—considering them to be essential arbiters of taste when so much council work has obvious physical results—in roads, housing, street furniture, lavatories, bandstands and all the other paraphernalia of civic life. Recent work includes: previous page, left, a block of fifteen, three-room flats, part of a conversion scheme after war damage to a Torquay hotel; right, three-bedroom housing at Orange Grove, Torquay, built in 1947 by private enterprise and taken over by the corporation on completion. Above, a house for a doctor at Brixham, built in 1953. Advantage was taken of the slope of the ground to provide the surgery, waiting room, lavatory and garage at the lower level and a living room, two double bedrooms, kitchen and bathroom at the upper ground floor level. Left, top, a flat over garages, consisting of living room, dining room, two double bedrooms, kitchen and bathroom, in Torquay. Left, an outfitter's shop at Newton Abbot.



C. F. J. Thurley

architect in private practice in
Torquay and Paignton

Cyril Thurley, left, above, is London born, and only started working in Devon shortly before the war. He now runs two offices with considerable enthusiasm and drive, visiting his Torquay office at 8.30 a.m. each day before going on an hour later to his second office in nearby Paignton. He is vice-President of the Devon and Cornwall Society. The chief assistant of the Torquay office is H. G. Gillard, centre, above, who worked with Edward Narracott on a design for The *Builder* Low Cost Housing Competition which received the second prize. The chief assistant of the Paignton office is Martin Fleet, right, above, who is also the secretary of the Devon and Cornwall Society. Thurley was first in the RE during the war, and then in the MOL. It was not until after 1945, when Martin Fleet was demobilised (after service in North Africa, Sicily,



Italy, France and Germany), that Thurley started up his west country practice. He was a recent chairman of the Torquay and District Joint Consultative Board of Architects and Builders. Married with one son, he grows carnations—extremely well—as a hobby, and is convinced that the successful architect must eat and drink and get around more than anyone else. Small in stature, he is large in energy and initiative, and a natural friendliness and affability does not entirely conceal his ability to hold his own under any circumstances. Recent work: left, the restoration of Sharpham house, Ashprington. This house was designed by Sir Robert Taylor in 1770, but the original plans were changed during the

lengthy period of building, and additions made during the last century—such as dormer windows—had almost changed the original character. It was also damaged by enemy action. Restoration commenced in 1947, the dormers being removed and the original Taylor design restored, including the very fine self-supporting staircase, and the Kauffman and Pergolisi paintings and decoration. Right, previous page, a house of 1,270 ft. super, costing £2,366, in Newton Road, Torquay. Right, the rebuilt spire of St. Luke's Church, Torquay, and extreme right, a house, costing £4,408, at Marldon.



Powell and Powell

architects in private practice in Torquay

CECIL POWELL has built up two practices in his lifetime—the first in Manchester (he is a Manchester man), which was steadily extending until the slump in '21-'22 caused a check. A visit one Christmas to a cottage in Devon caused him to change his plans completely. He gave away his practice, and built himself a house on a half acre near Torquay with the idea of raising poultry. In six months he was "bored to death", in his own words, and back into architecture again, building up a second and flourishing practice in Torquay, with offices in one of the pleasantest terraces in the town. JOHN POWELL, his son, was trained at Cambridge and the AA, and then worked for a time with



Whinney joined war. A '45 and President and gre architect 70 acres his favo page, a John P living a studio.

Watts architect

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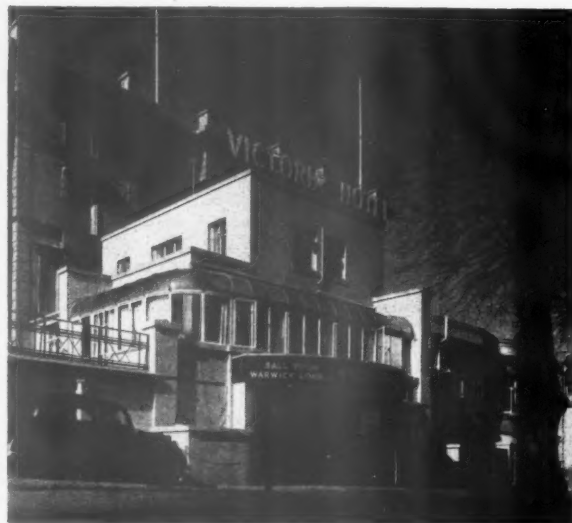
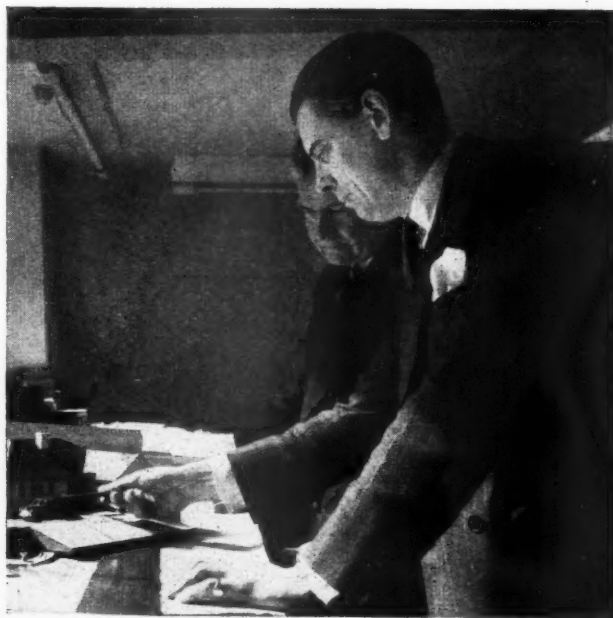
Whinney Son & Austen Hall in their London offices. He joined the Torquay practice a few years before the war. After service with the RE, he was demobilised in '45 and resumed the Torquay practice with his father. Like President Salisbury, he manages, by good organization and great energy, to do two jobs. As well as being an architect he is also a farmer, having a mixed farm of about 70 acres at Bovey Tracey. Married, with four children, his favourite hobby is ski-ing. Recent work: previous page, a house at Beech Hill, Torquay, built originally for John Powell. It consists of an open-plan ground floor living and dining area and kitchen, five bedrooms and a studio. A former house on the site, destroyed by bombing,

provided the limestone for the terrace and other walling. Above left, an extension to the Livermead House Hotel, Torquay, consisting of a recreation room, a billiard room, eight single bedrooms, two bathrooms and w.c.'s. The hotel is of local red sandstone, no longer quarried, so the extension has been faced with stone from old stables which were originally on the site. The first floor and roof are of precast, pre-stressed concrete. Centre, offices for the Halifax Building Society, Torquay, converted from a shop with dwelling above. The new front is of polished Portland stone, with a granite plinth. Right, the Mayflower Hotel, Torquay, reconstructed from a dilapidated public house.

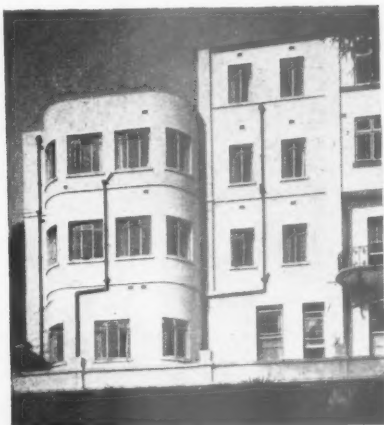
Watson, Watson and Scoles

architects in private practice in Torquay

Henry J. Scoles, who started in practice on his own in 1925, took over his present practice in about 1938 from a Mr. Galt, who died shortly after having himself bought the practice from Watson and Watson—a firm which started in Torquay in about 1860. Scoles was born in Bristol, coming as a young man to Torquay and being articled to a firm of architects in nearby Newton Abbot. When qualified he worked for a time with Lanchester and Rickards, in Bedford Square. He was



one of the founder members, in 1932, of the Torquay and District Joint Consultative Board of Architects and Builders—a society which was formed to iron out difficulties arising between architects and builders. On the left of Mr. Scoles in the photograph above is his managing assistant, P. L. de Walton Reade, who is at present the hon. secretary and treasurer of the Joint



Consultative Board. This Board is believed to be one of the oldest, if not the oldest, of such societies in the country, and now has a membership of 65 builders, 14 architects and 4 quantity surveyors. Recent buildings include: the modernizing of the Victoria Hotel (page 637); the rebuilding of part of Astwell Hall, destroyed by bombing, above, and two houses, right. The lower one at Livermead, Torquay, is approximately 1,354 ft. super, with two living rooms, two bedrooms and a dressing room. Construction: 11-in. cavity brick walls, colour washed and slated roof. Ground floor finish: cork tiles in main rooms, quarry tiles elsewhere.

The top house is at Watcombe Heights, Torquay, of approximately 1,500 ft. super, with two living rooms, and three bedrooms. Construction: 11-in. cavity brick walls, stuccoed, and concrete-tiled roof. Ground floor finish: oak blocks in main rooms and quarry tiles elsewhere.

John Evans

architect in private practice in Torquay

John Evans, the son of a builder, was born and bred in Torquay and was trained in architecture at Cambridge and the AA, qualifying in 1951. He did not intend starting his own practice when, having qualified, he arrived back in Torquay, but as his requests for a job as an assistant in the local offices did not succeed, he felt that this was in a way a challenge he could not refuse and he started



up his own practice, working first at home and then moving eventually to an office in Torquay's first modern building of the 'thirties, the concrete block of offices belonging to "Marble" Jenkins near Castle Circus. In the Navy during the war, his hobby now is sailing and fishing and he shares the ownership of an ancient cabin cruiser with which he is seen tinkering. Recent work includes:

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(previous page) houses at Dairy Hill; right, two houses in Shipway Avenue, and below, extreme right, and right, houses in Oxlea Road and Loxbury Road respectively. All these houses are in Torquay. Mr. Evans' practice has so far been largely confined to this sort of work. Recently, however, he has been collaborating with Edward Narracott in the design for a school for spastic children at Ivybridge, shown below.

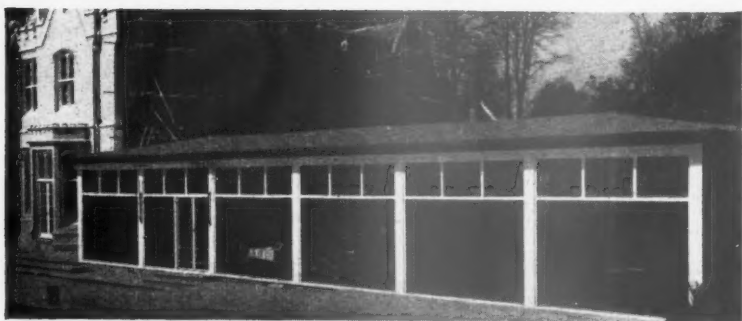


Dawes Dingle

architect in private practice in Torquay

Described by some of his fellow architects in the town as the best designer of them all, Dawes Dingle is a Londoner by birth and was articled to J. L. Denman of Brighton. Then followed a period with J. M. Sheppard and Partners in Bedford Place, where he worked on hospitals. At the outbreak of the war, he worked on camouflage with the Air Ministry, and was finally put into the RE by whom he was sent to Germany and India. After demobilisation, he went into partnership with an architect in Penzance where they found so little work to do that they started an hotel. Wanting to get back to architecture again, he joined Talbot Larrington's practice in Torquay and when the latter went to Canada, Dingle carried on on his own. He is shown, right, standing outside his office, which was alongside the attractive inner harbour in Torquay. Married, his wife is a very competent designer of printed fabrics. Recent work includes, above, one of a group of houses for the Newton Abbot Pioneer





Housing Association, a scheme for a self-help housing scheme for members of the association who can build in their spare time. Left, a rebuilt farm cottage at Chercombe Bridge, Newton Abbot, a design done with, and for, Talbot Larrington. The original stone walls were retained and heightened with brick, clad with weather boarding. Centre, left, a dining hall and milk bar for the Barton Hall Chalet Hotel, a holiday camp on the outskirts of Torquay. Bottom left, a sun chalet for the same camp. Below, exterior of the Regency Restaurant in Torwood Street (previously published in the JOURNAL for November 26, 1953), now one of the best places to dine in Torquay. Bottom, the staircase of the Gay Abbot Restaurant, a conversion of the existing premises in Newton Abbot.



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P. W. Ladmore

borough engineer's department, Torquay

P. W. LADMORE, the Borough Engineer, came from Morecambe and Heysham to Torquay in 1932, and is responsible for all the building work by the Torquay Borough, except of course, for the schools. The main item in this is, of course, housing, and his chief assistant architect is G. R. Todd. The most complex problem for the Borough Engineer in Torquay is the traffic congestion caused in the summer months by the cars of holiday makers. The narrow high street, lying at the bottom of a steep-sided valley, is nearly impossible to widen, as, in places, the rock face behind the buildings does not allow them to be set back more than a few feet. There is also, of course, in such a hilly, built-up area, a great shortage of space for car parks—



hence the proposal to fill in part of the Torquay inner harbour. The Borough Engineer is, however, fortunate in having practically no slum problem to deal with and his housing programme is now coming to an end.

G. R. TODD, the Chief Assistant Architect, Torquay, has a staff of six assistants, plus quantity surveyors. When the housing programme is finished it seems likely that there will be more work to do in the town centre in the form of such buildings as a new conference hall, a theatre and a bandstand. Mr. Todd attended the Nottingham School of Art and before the war was with Kent's and then Norwich's Councils. Came to Torquay in 1946. The photos above show housing at the Marlton Road and Coombe Pafford Estates. The roads and sewers on the latter estate were carried out by the MOW using prisoner-of-war labour. There are nine different types of houses with floor areas ranging from 868 to 1,152 ft. super. The housing, right, and an old people's home, shown at the top of page 642, are on





the Marlton Road Estate. As can be seen they show a great variation in design from house to house. This was a deliberate policy adopted at the request of the Council in order to provide, in the words of the Engineer's Report: "a greater variety of elevations so as to relieve the monotony of repetition . . . Whilst the treatment may not be considered an architectural accomplishment, it has certainly proved successful from the point of view of both the Housing Committee and the tenants, as the feeling of 'Council Houses' has been largely eliminated and one of individuality created." The house plans are, in most respects, similar to the ones used on the two former estates. Tenders for the first dwellings were negotiated in 1949 at the same price (namely £1,350) as the last contracts on the Coombe Pafford Estate. As future tenders were invited, however, it became apparent that costs were rising sharply and it was found necessary to commence reducing the amenities provided in an attempt to keep rents within the means of the tenants. The first feature to be omitted was the living-room french window, then the bedroom fireplace was left out and an electric plug substituted. Later the bedroom cupboards were limited to one and the storage cupboards were omitted from the kitchens. Despite this, the cost of the last houses completed in 1952, was approximately £1,550. No non-traditional housing has been erected in the Borough since the war. They have, however, a small estate of temporary prefabricated bungalows totalling 240 dwellings at Cadewell and Happaway. The photographs below show the striking difference in the housing at Sherwell following attempts at drastic economies. When the tenants had been reluctant to pay rents of the Marlton Estate (32s. 10d. inclusive) the Housing Committee issued instructions that the houses for the Sherwell Valley Estate should be such that the weekly inclusive rent should not be more than 27s. 6d. per week. Road widths were reduced and house plans with smaller overall floor areas were prepared. Two groups



of house plans were prepared for submission to the Housing Committee. One group consisted of houses with floor areas and living accommodation below those recommended by the Housing Manual but which were considered sufficient for the needs of the average family, and the second group of plans consisted of houses to the Manual minimum. The Ministry, however, would not consider the first group of plans although it was pointed out to the Ministry that building costs in the south west appeared to be much higher than in some other parts of the country. The Committee, therefore, proceeded with the second group of plans which are, in effect, "People's Houses." Floor areas were reduced to vary from 617 sq. ft. for two bedroom flats to 854 sq. ft. for three bedroom houses (exclusive of outbuildings in each case). In addition to reducing the floor area, the roof pitch was lowered from 40 deg. to 30 deg. and a timber-saving roof truss adopted. The external w.c. and the immersion heater was omitted and the kitchen fittings were reduced to one small dresser. All houses were designed to have only one combined living-dining room and plaster walls were left unpainted.

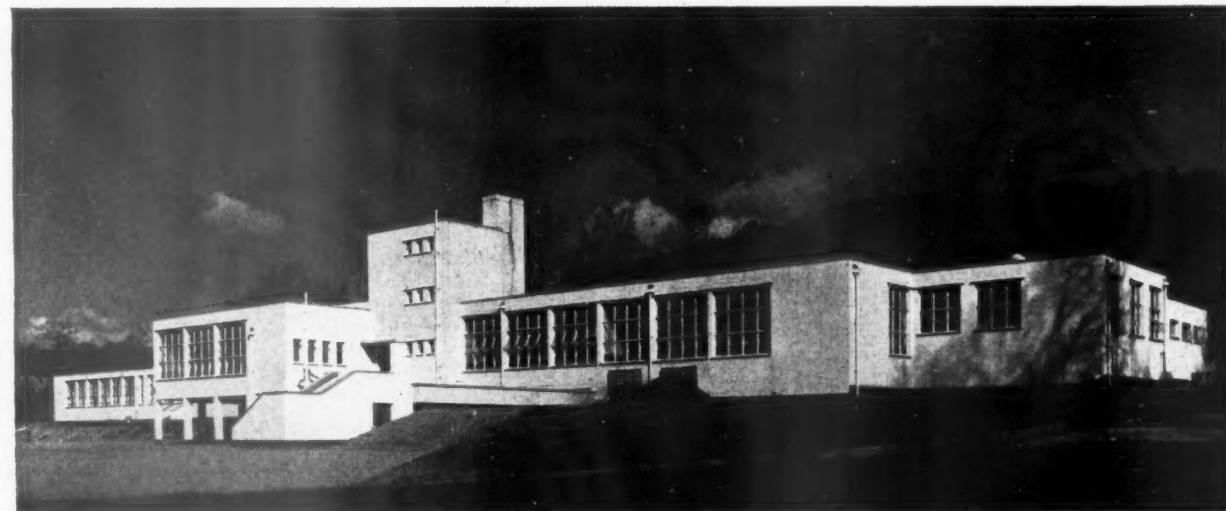
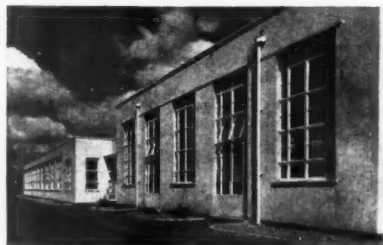
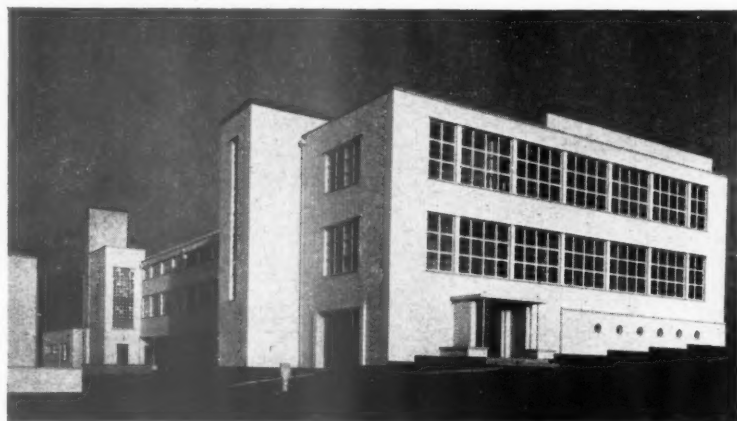


H. V. de Courcy Hague

Devon county architect

Mr. de Courcy Hague's present building programme is running at £800,000 per annum. £600,000 of this is being spent on school building and the remainder mainly on police houses and old people's homes. He has an office of 46 of whom 21 are architects and the remainder surveyors, technicians and clerical workers. Derbyshire-born de Courcy Hague trained and worked in Lancs. and was a chief divi-

sional architect to Derbyshire before coming to Exeter. As can be seen from the illustration of his Department's work, he is largely a traditionalist in design. Although he admits that the county suffers from a shortage of bricklayers he does not see any immediate solution in the greater use of prefabricated building techniques. He has strong feelings on the importance of the architect and considers that his role should be made better known to the public. "Why," he asked, "is there no radio architect?" Unlike many public architects he thinks that really



good architectural work will probably mainly come from private architects who are by vocation architects, and who are in the best position to set the pace in design. He also feels that ideal architecture can never be produced now because designers are so tied by costs. Recent work includes, above, left, the North Devon Technical College Workshop and Classroom blocks at Barnstaple. Extreme left, centre, a police station at Torquay, started in '41, which has, due to the war been built in two instalments, not being completed until 1949. Left, second from top, is a perspective of the Torquay special school for 100 delicate and physically handicapped children; and below it is a County Infants' School at Shiphay, Torquay. This has accommodation for 120 infants and contains an assembly hall and three classrooms. Below, the Watcombe County Primary School at Torquay for 320 mixed juniors and infants. This school consists of 7 classrooms, each of 520 sq. ft., two general purpose rooms of 700 sq. ft., an assembly hall, dining room and kitchen, two medical inspection rooms and the usual ancillary rooms. Cost per place was £140. Construction: part load-bearing, 11-in. brick cavity walls, with a stucco finish, and part steel frame.

Harold Rowe

city architect's department,
Exeter

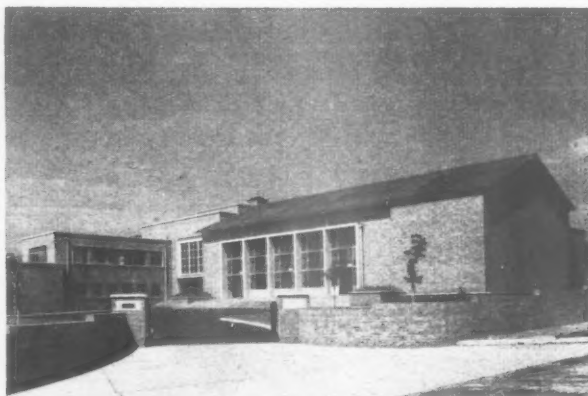
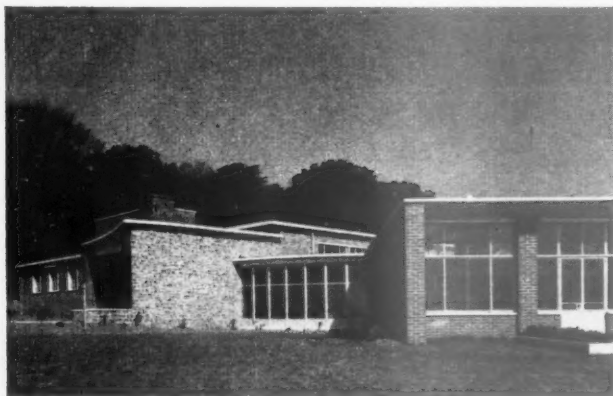


Harold Rowe, the City Architect of Exeter since 1946, started his career by being articled to C. F. Ward, the Borough Architect of Newport, and qualified in 1925. After a period in private practice in Swansea he returned to the Newport Borough Architect's Department as chief assistant. In 1943, he went to the Welsh Board of Health as architect and senior housing inspector and was appointed Deputy Borough Architect of Newport in 1944. Much of his work in the rebuilding of the City of Exeter was shown in the special issue of the JOURNAL of August 21, 1952. Since then, however, many more buildings have been completed, but space only allows three illustrations. Right: a block of shops and maisonnettes at the Countess Wear housing estate. This block is part of the group of communal buildings which are to form the nucleus of the new estate. Below: An infant's school at Stoke Hill, consisting of six classrooms, combined assembly hall and dining room, kitchen, staff room and the usual lavatories. Construction: road-bearing brickwork, with reinforced concrete and hollow-tile flat roofs, except for the assembly hall, which has an in-situ reinforced concrete frame. Ceilings: $\frac{1}{2}$ -in. fibre-board, used as permanent shuttering. Additional insulation to roof: light-weight screed of vermiculite under bitu-

mastic-felt roof finish. Floors: thermo-plastic tiles generally, except in kitchen and lavatories where there are quarry tiles. Below right: The Vincent Thompson secondary modern boys school at Ringswell Avenue. At present this school accommodates 360, but



the eventual size will be for 450. There are seven classrooms in a two-storey block, with cloakrooms and lavatories only on the ground floor. The assembly hall, with M.I. and changing rooms, and visitor's lavatories, are grouped, with administrative rooms, around the main entrance, and the entrance hall has been designed with a permanent exhibition space. Construction: assembly hall gym, and two-storey block, reinforced concrete frame. Single-storey block, load-bearing brickwork. Main roofs, asbestos tiles on steel trusses and purlins. Flat roofs, hollow tile and reinforced concrete covered with 3-ply felt.



Drury and Gundry

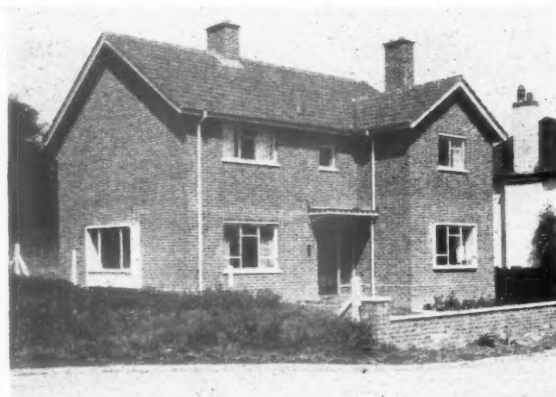
architects in private
practice in Exeter





Hewitt and Radford

architects in private practice in Exeter



H. M. R. DRURY, Surveyor to the Dean and Chapter of Exeter Cathedral, was trained at the AA, and on qualifying entered into partnership with a Mr. Tonar, an elderly Exeter architect who had offices in war-destroyed Bedford Circus. In '38 Mr. Drury was appointed surveyor to the cathedral and moved his office into the cathedral close. Married, with three children, Mr. Drury paints in water colours and also takes evening classes at the Exeter College of Art for local architectural pupils and students. Last year he took into partnership . . .

P. B. H. GUNDRY, who qualified by being articled and who has until recently been chief assistant to Louis de Soissons. Recent work includes, page 644, a memorial sports pavilion for Exeter School and a first section of a church (left) of St. Paul, Burnthouse Lane, Exeter. Constructed of reinforced concrete frame it is brick clad externally. The strips of carvings at the springing of the concrete arches are by the principal of the Tiverton School of Art, G. V. Haywood.



S. NELSON HEWITT, nearest camera, above, started this practice on a borrowed capital sum of £250 in 1950, and, with Radford joining him a few months later also with borrowed capital, they have rapidly established a go-ahead practice. One of the few firms in the area with strong views on the need for a contemporary approach to design, they have achieved, with perseverance and skill and no capital, what is nearly every assistant's ambition: their own office (with contemporary furniture) and practice. Nelson Hewitt started by being a pupil to B. W. Oliver, of Barnstaple, in the late 'twenties. Then followed years in different offices—including from '40 to '43, that of Alexander Gibb and Partners. Before starting his own practice he was working in the City Architect's office. A member of the Devon and Cornwall Council and programme secretary of the Exeter Branch, for whom he recently organized an exhibition of Bristol students work in the town, his non-architectural pursuits are gardening, sketching and amateur dramatics.

JOHN RADFORD, also a member of the Devon and Cornwall Council, was articled¹ (after giving up learning farming) to an architect in Exmouth. He had a number of years as an assistant and did not finally qualify (by external finals) until after the war. Recent work includes: above left, a methodist manse in Sidmouth; centre, a cottage for a small holding near Exeter, of traditional construction, and bottom, a farm bungalow near Hockworthy, Somerset. This has three bedrooms, living room and dining room, separated by a sliding partition; bath room, kitchen with breakfast space, utility room and hall. The site is sloping and the house is on two levels. The roof ridge has been kept straight so as to give greater height to the living rooms at the lower level. Local stone has been used to a limited extent. Completed in 1953, the house cost £2,790.

Lucas Roberts and Brown

architects in private practice in Exeter

C. W. ROBERTS, the architect of the partnership became a partner of John Archibald Lucas in 1935. Lucas, the founder of the firm in the '80s, died in 1944. Roberts started his career by being articled to Richard Jaques, an architect in Lancashire—a method of training of which he still approves. He believes that architects should be familiar with the builder's crafts and he reckons to be still able to do carpentry and plastering. His practice is one of the most flourishing in the West Country, and he has designed more of the new Exeter centre than anyone else, as can be seen below.

DENIS J. BROWN is a surveyor. He has lived in Exeter all his life. He is mainly concerned with housing schemes, alterations and conversions, and modestly maintains that his partner has the keener business sense and does most of the work. The office is large: there are eighteen draughtsmen, of whom four are qualified, two surveyors, three quantity surveyors, two clerks of works and an administrative staff of ten. Needless to say, with such a large staff, they run an accurate costing system. Recent work includes: below left, from top to bottom, factories at Marsh Baston, Exeter, for Corona Ltd., Serck Radiators Ltd. and Globelite Industries Ltd. Below right, Pearl Assurance House, and bottom, left to right, offices for Commercial Union, Martins Bank and British Home Stores.



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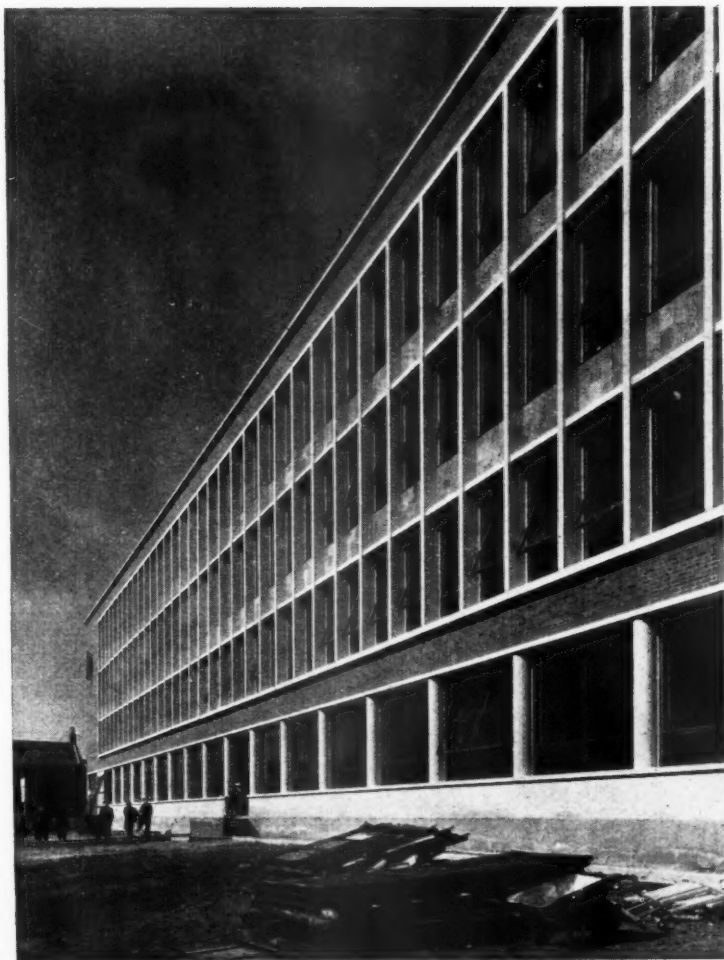
city architect's department, Plymouth

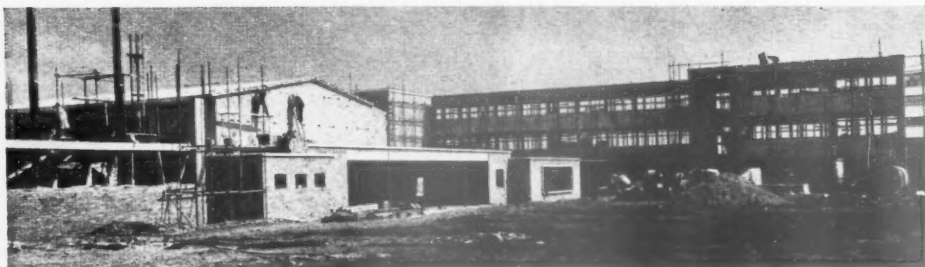


H. J. W. STIRLING, above, has been City Architect of Plymouth for three years. Before this appointment he was the deputy city architect of Newcastle, assistant county architect of Derbyshire CC., and chief architect (under the surveyor) for Leicester. A Scotsman, he was trained at the Glasgow School of Art.

FREDERICK NAPP, above right, is deputy City architect and vice-chairman of the Plymouth Branch of the Devon and Cornwall Society. Trained at the AA, Napp has worked in both private and public offices. Since the war he was chief architect in the Luton borough engineer's department before coming to Plymouth in '49. Once a keen cricketer, he has played regularly for the AA and the RIBA.

Recent work by the department includes: a new Technical College, of which the first block, right, is now nearing completion. This is the Building and Engineering block, a four-storey, steel-framed structure with reconstructed stone window mullions and transoms, Portland stone-faced ground floor walls, and brick above. Spandrel walls between windows are faced with quartzite. Floors: in situ concrete. The Penlec Secondary Modern School (top, page 648), now in progress of construction, is for 450 pupils (510 cost places, three classrooms being deferred). The estimated cost per place: £208. Construction: light steel frame, concrete suspended floors, asbestos-cement roof decking, floors, terrazzo in the entrance hall, cork tiles elsewhere. Centre left (page 648), one of 24 blocks of flats. Y-shaped on plan, there are three flats on each floor with single stair access. Construction: walls, calculated 11-in. brickwork; floors insulated with glass silk; roof, TDA room trusses with asbestos tiles. Cost: £1,345 per flat. Page 648: below left, "Easiform" flats at Stoke House; below right, a block of twelve shops and thirteen maisonettes at Whiteleigh Green. Each shop has its own store at the rear, with cloak-rooms for the staff, and a 15-ft. service road enables deliveries to be made direct to the stores. The flat

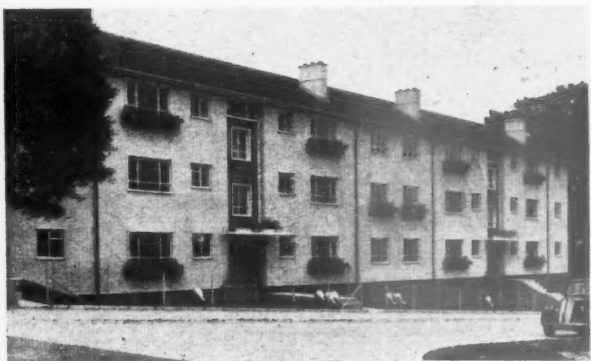




roof over the stores forms an access balcony to the maisonnettes over.

Each maisonnette consists of living-dining room and three bedrooms, within a total floor area of 905 sq. ft. It was a specific requirement that the shops should vary in size. In order to achieve this, and at the same time allow the maisonnettes to be all the same, a reinforced-concrete frame is used for the ground floor only, with normal brickwork above. The roof is of interlocking concrete tiles on TDA-type trusses at 6-ft. centres. The shop fronts are faced in terrazzo up to the underside of the concrete canopy. Cost: £47,573.

Bottom left, housing on the same estate. Bottom right, a group of four shops and eight maisonnettes in King Street. Construction: solid cross walls of calculated brickwork with continuous reinforced concrete floor slabs.



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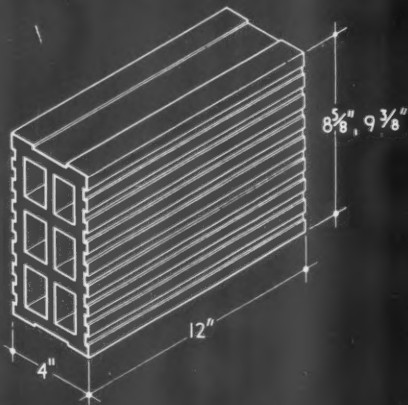
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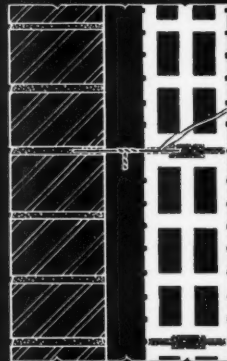
BUILDING BLOCKS | HOLLOW CLAY | GENERAL DATA

14.B1

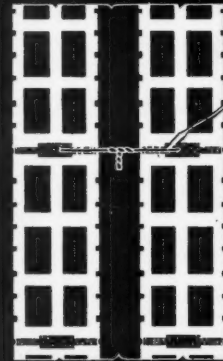
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STANDARD SIX-CAVITY BUILDING BLOCK.
(half blocks also available)

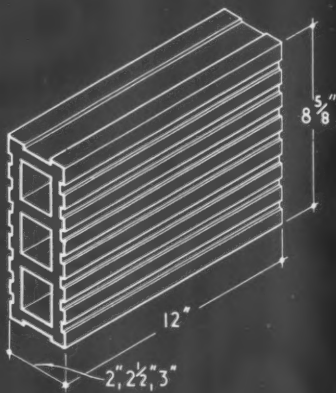


butterfly-type wire ties normally every third course of bricks

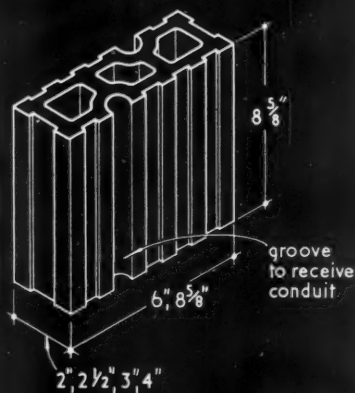


ties normally every second course

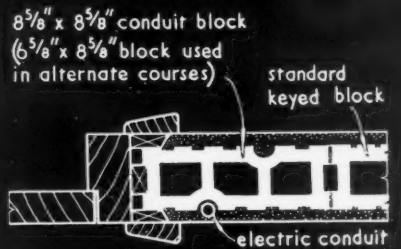
applications of six-cavity blocks



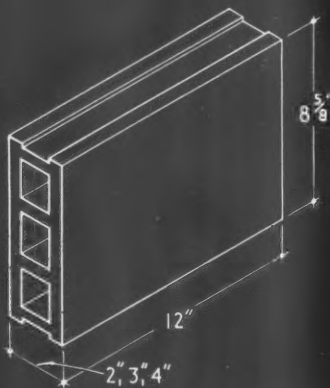
STANDARD KEYED PARTITION BLOCK.
(half blocks also available)



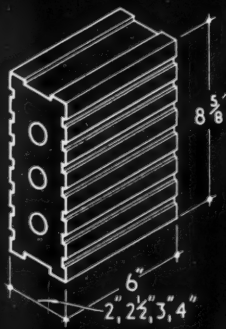
CONDUIT BLOCK.



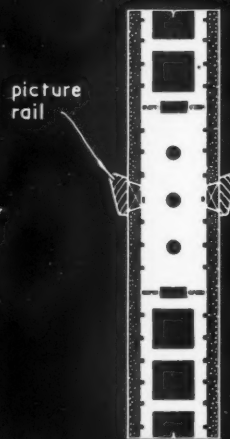
application of conduit blocks



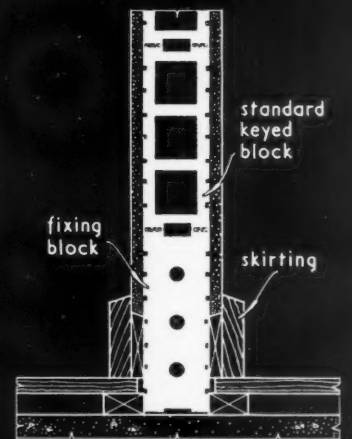
STANDARD SMOOTH-FACED PARTITION BLOCK.
(half blocks also available)



FIXING BLOCK.



picture rail



standard keyed block

fixing block

skirting

typical applications of fixing block

14.B1 'PHORPRES' HOLLOW CLAY BLOCKS FOR WALLS AND PARTITIONS

This Sheet, together with Sheets 14.B2 and 14.B3, supersedes Sheet 14.B1 published 15.5.52 and describes Phorpres hollow clay blocks for walls and partitions. Sheet 14.B2 deals with the use of Phorpres blocks for forming walls and Sheet 14.B3 with floor blocks.

Materials

Phorpres building blocks are manufactured from gault (buff in colour) and also weald clay (terra cotta in colour), the latter being a high-quality engineering clay.

The clays are extensively tempered and extruded into hollow blocks, which are then entirely mechanically handled throughout a strictly controlled drying and burning process. The clays are generally free from injurious particles of lime or salts and the burning process renders the material entirely inert, minimising the occurrence of shrinkage or cracking in the finished plastered surface. The finished product is uniform in size and shape and free from excessive winding and bowing (see B.S. 1190 : 1951 for tolerances) ensuring minimum laying and plastering costs.

Sizes and Weights of Building and Partition Blocks (Keyed)

Type of block	Size	Wt. of blocks (lb. per sq. yd.)*		Yards per ton	
		Gault	Weald	Gault	Weald
Partition blocks	12" × 8½" × 2"	89	97	25½	23½
	12" × 8½" × 2½"	94	97	23½	23½
	12" × 8½" × 3"	108	116	20½	19½
	12" × 9½" × 3"	111 (11 blocks)		20½	
Building blocks	12" × 8½" × 4" (6-cavity)	134	142	16½	15½
	12" × 9½" × 4" (6-cavity)	138 (11 blocks)		16½	

* 12 blocks per sq. yd. except where otherwise stated.

Crushing Strength

Average crushing strengths of individual blocks (weald and gault) tested on edge.

Type of block		Crushing strength (lb. per sq. in.)
Non-loadbearing partition blocks	2½"-3"	600/800 (B.S. requires 200)
	2"	1,000 (B.S. requires 200)
Loadbearing building blocks	4" (6-cavity) ..	650 (B.S. requires 500)

Strength of Walls

For the purposes of test, wall panels 9 ft. high × 4 ft. 6 in. wide were built in 1 : 3 rapid-hardening cement and the following results were obtained:—

Load tests on wall panels		
	2" blocks	3" blocks
Failing load—tons	44.1	65.0
Failing load per ft. run—tons	9.53	13.91
Failing stress—lb. per sq. in.	890	866
tons per sq. ft.	57.2	55.7
Failing stress in wall of blocks—lb. per sq. in. ..	1420	1890

Thermal Transmittance "U" of Double-Skin Cavity Walling

4½ in. brick + 4 in. block (unventilated)* = 0.25

4½ in. brick + 3 in. block (unventilated)* = 0.30

4 in. block + 4 in. block (unventilated)* = 0.25

* Plastered internally.

It should be noted that the generally accepted standard "U" value for domestic housing is 0.30.

Fire Resistance

3 in. block grade C (2 hours)

4 in. block grade B (4 hours)

Applications

Walls and partitions: Phorpres hollow clay blocks are adaptable building units for all types of partition work, internal linings to brickwork and party wall construction. They are manufactured to comply with the crushing strength tests laid down in B.S. 1190 : 1951, and can therefore take a full structural and loadbearing part in building construction. Their strength is combined with lightness in weight and high fire-resisting qualities.

The course heights of 8½ in. and 9½ in. enable the blocks to be bonded perfectly with 2½ in. and 3 in. brickwork respectively.

Key for plaster: The bond or physical adhesion of a rendering or plaster is dependent upon the inherent porosity of the backing material, and in this respect Phorpres blocks possess a balanced absorption or suction value. This is further assisted by the mechanical keying provided by grooves of definite dovetail form. This mechanical key is of first importance in the early stages of drying and setting, when cracking may result from vibration, inevitable during construction. Such vibration without the support provided by mechanical keying may also interfere with, or even prevent, the development of the necessary physical adhesion.

Laying Instructions

The general practice is to lay Phorpres hollow blocks in 1 : 1 : 6 cement/lime/sand. This mix can, of course, be varied to suit particular conditions but too rich a mortar and thick joints should be avoided. Elasticity of joint is of great importance in all partition work and for this reason also partitions should not be pinned up too tightly under beams. The amount of water in the mix is reduced to a minimum owing to the texture of the material.

Conduit Partition Blocks

These blocks have been specially designed to eliminate chasing for electrical conduits in finished work and to bond in with main partition walls.

The groove in each block coincides with that of the blocks above and below it to form a continuous channel. In this way a conduit can be provided for on one or both sides of the partition.

Fixing Blocks

These are manufactured for use with the standard partition blocks, to be built in where fixings for skirtings, picture rails etc. are known to be required.

Patents

Conduit partition blocks: The manufacturers are the patentees of these blocks.

This Series of Sheets on bricks and brickwork covers general data on, and applications of, common, facing, cellular and keyed bricks, hollow walling, partition and floor blocks.

Compiled from information supplied by:

London Brick Company Limited.

Head Office : Africa House, Kingsway, London, W.C.2.

Telephone : Holborn 8282.

Telegrams : Phorpres, Westcent, London.

Midland District

Office : Prudential Buildings, St. Philip's Place, Birmingham, 3.

Telephone : Colmore 4141.

South Western

District Office : 11, Orchard Street, Bristol, 1.

Telephone : Bristol 23004/5.

Northern District

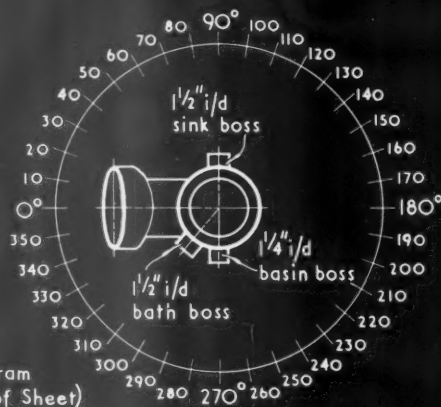
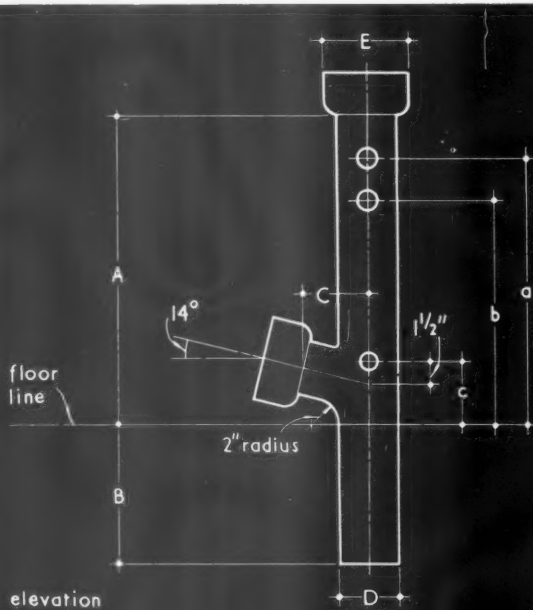
Office : Gascoigne Street, Boar Lane, Leeds, 1.

Telephone : Leeds 20771.

SANITATION | DETAILS | STEEL

33.D1

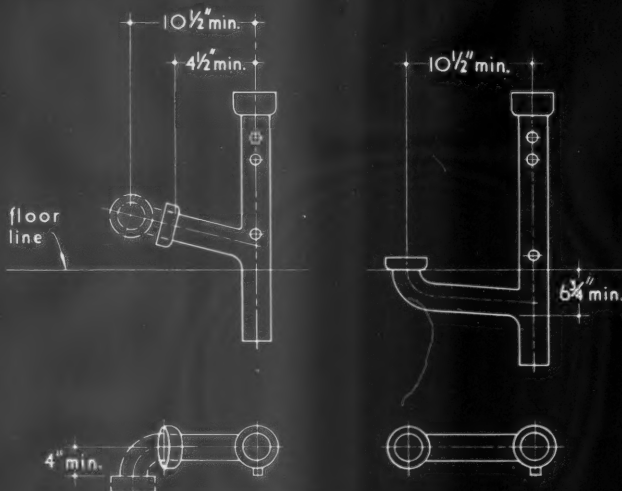
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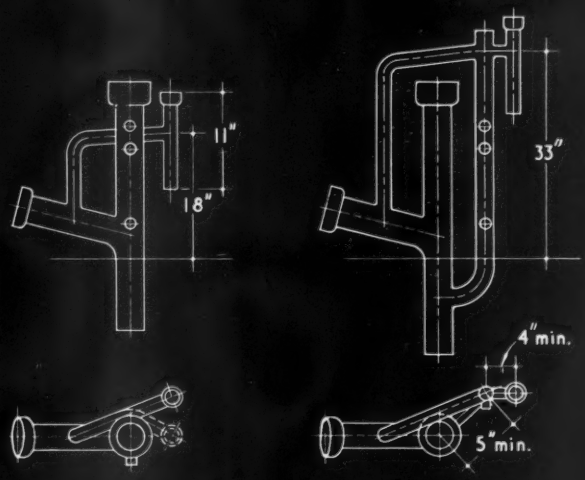
SIMPLE TYPE OF FITTING.

A		normally 22in. but may be more if required
B		normally 10" but may be increased to meet a convenient standard length of cast iron
C		as required, but 4½" minimum
D		pipe bore: 3½" or 4"
E		dependent on size of main vent to atmosphere : for 4" pipe, dimension is 5⅛"
height of c.l. of boss from floor line	a (lav. basin)	normally 18¾" where waste pipe has run not exceeding 66" and does not pass behind high level flush pipe (in latter case, boss is lowered and length of trap inlet increased)
	b (sink)	16"
	c (bath)	this must be 1½" min. above the point of intersection of c.l. of stack pipe and soil connection

TABLE OF DIMENSIONS.



FITTINGS FOR SPECIAL APPLICATIONS.



for ventilated w.c.

incorporating Econa Intervent

MULTI-BRANCH FITTINGS FOR SINGLE STACK (ONE-PIPE) SYSTEMS.

Supplier: Econa Modern Products Ltd.

33.D1 MULTI-BRANCH FITTINGS FOR SINGLE-STACK (ONE-PIPE) SYSTEMS

This Sheet deals with multi-branch fittings for use with the single stack and/or one-pipe system of plumbing in accordance with design data laid down in British Standard Code of Practice CP.304: 1953 *Soil and waste pipes above ground*. The drawings show typical examples of what is commonly produced, but there is no need for adherence to the given dimensions as special requirements of the Architect can be met by the supplier where necessary.

Material

The fittings are manufactured either from steel tubes to BS.1387 Class A or from copper to BS. 659 (Table 2).

Design and Construction

On steel stacks, the waste inlet bosses are normally tapped with the appropriate BSP thread and provided with special non-conducting copper-to-iron connectors; compression joints are brazed to the copper stacks to receive the waste pipes. These branches are set at an angle of $1\frac{1}{2}^\circ$ to the horizontal. The larger scale drawing on the face of the Sheet, together with its table of dimensions, shows a typical and extremely common form of unit.

Waste branches: The installation work is simplified if the waste bosses are placed conveniently to receive the waste pipes and the large scale plan on the face of this Sheet enables the position of the bosses easily to be defined as a "bearing" from the w.c. branch. In the example shown the bearing of the sink boss is 90° and the bearing of the bath boss, 310° . It is preferable to choose a bearing which results in the boss pointing slightly towards rather than parallel to the wall along which the waste pipe is coming.

Sizes

Stacks are available in $3\frac{1}{2}$ -in. bore (for some two-storey installations) or 4-in. bore (for some multi-storey installations). Unless otherwise specified it is assumed that both the bath and sink wastes will be $1\frac{1}{2}$ -in. bore and that the lavatory basin waste will be $1\frac{1}{4}$ -in.

Variations

The smaller scale drawings show examples of variations which are commonly found desirable.

With extended soil branch: The extension of the soil branch, which can be bent or not as desired, saves the cost of caulking an additional joint on site.

For S trap connection: This fitting enables an S trap to be connected to the stack without pipework showing on the ceiling below. It is often advantageous but particularly in the cases where, the bath being a considerable distance away, the bath waste connection is very low down.

For ventilated w.c.: This is used where deviation from normal design standards for single-stack systems must be made or where the height of the building exceeds five storeys. The w.c. branch vent pipe and a section of the vent stack are supplied integral with the fitting. Bath, lavatory basin and sink wastes drain directly into the stack.

With Econa Intervent pipe: Where good practice prohibits the draining of waste appliances directly into the stack, they can be connected into an Econa Intervent pipe which is supplied as an integral part of the multi-branch unit. The upper end of the Intervent is connected into, and supplied with a short section of, the main vent stack and is provided with a cleaning eye fitted with a plug. The Intervent to receive a bath and basin only has a 2-in. bore, increased to $2\frac{1}{2}$ in. if a sink also drains into it.

Finish

The steel fittings are made from black tube, hot-dip galvanised after fabrication. Additional protection for both galvanised steel and copper (such as special resin paints for resisting pan cleaners and detergents) may be applied.

Compiled from information supplied by:

Econa Modern Products Ltd.

Address: Aqua Works, Highlands Road, Shirley, Birmingham.

Telephone: Solihull 3078 (3 lines).

Telegrams: Solihull 3078 Birmingham.

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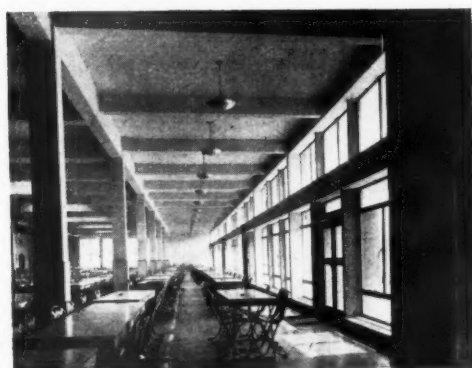
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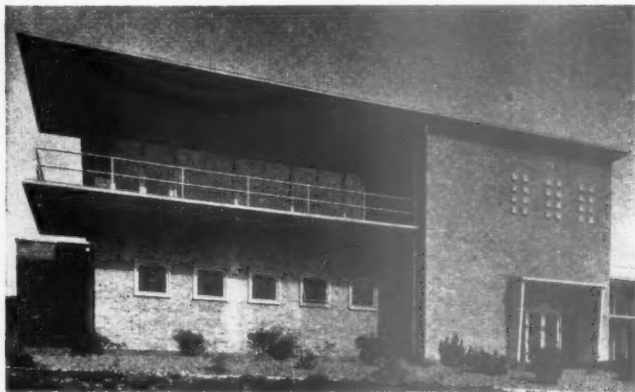


Walls and Pearn

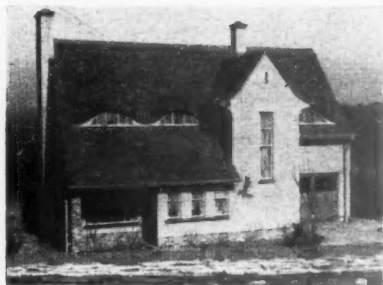
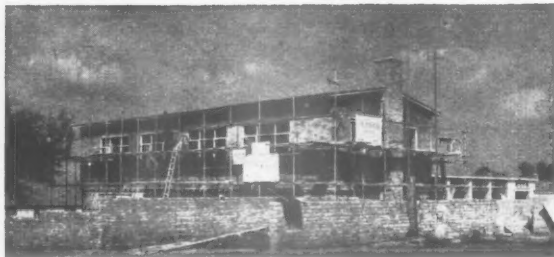
architects in private practice in Plymouth

H. F. WALLS (on the right) is a Liverpool man and was trained at the Liverpool School of Architecture under Professors Riley and Budden. Then followed a time as an assistant in London offices, before he finally went as a partner to an architect in Croydon. His partner died and Walls carried on the practice until the outbreak of war when he joined the R.E. He started his practice in Plymouth in 1946 and has now one of the largest—and most contemporary in design, in the area, although he has only a staff of three. The firm must be almost the only one in the country whose offices are in a Nissen hut.





C. H. P. PEARNS is a Plymouth man, but was also trained at the Liverpool School. His father is a well-known building contractor in Plymouth. During the war he was in the RA and then transferred to the Devonshire Regiment which formed part of the 6th Airborne Division with whom he went overseas to Holland and Germany. After the war he completed his training at Liverpool for two years and then joined Walls as an assistant. He has been a partner in the firm for two years. He teaches construction at the Plymouth School of Architecture, is chairman of the Plymouth Branch of the Devon and Cornwall Society and for this year's Conference is chairman of the Conference Handbook and Conference Tours Committees. Recent work by the firm includes a canteen for the Tecalemit Factory at Plymouth (two views on page 649) and above left. This building has just been awarded the RIBA Architecture bronze medal for the Devon and Cornwall Area. It has accommodation for 1,100 on the ground floor and 150 on the first floor. Construction: steel frame; reinforced concrete floors and roofs; walls, cavity brickwork; floors, hardwood block. Left: a new laundry unit for the Millbay Laundry. Below left: housing at Efford. Below right: an ambulance sub-station at Crown Hill, Plymouth, in course of construction.



L. F. Vanstone

architect in private practice
in Plymouth

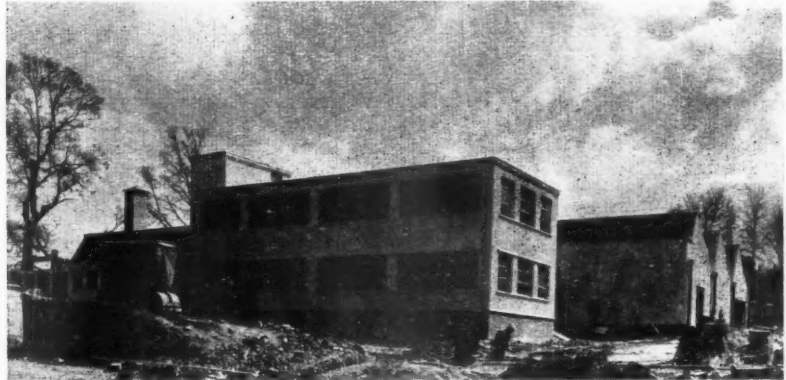
Cornish born, he was trained first as an engineer. Since 1924 he has had his own architectural practice and has now got an office of five assistants and does mostly housing and churches. He was the President of the Devon and Cornwall Society 1952/3 and is a member of the Conference Executive Committee. Married, he lives in a house of his own design. He takes an interest in the Boy Scout movement and is the business manager of an amateur operatic society. Above left: a house he has recently completed on the outskirts of Plymouth.



R. W. Hammick

architect in private practice in Plymouth

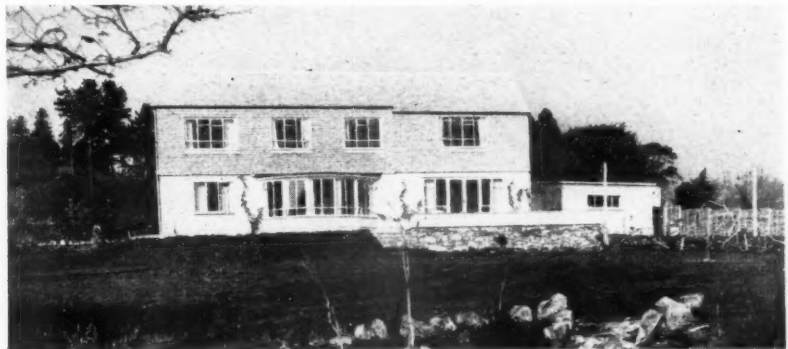
R. W. Hammick, left, is an engineer and in partnership with his architect father in Plymouth. He has a staff of twelve and much of his practice is concerned with the preparation of surveys for the future development of land both inside and outside the boundary of the city. This firm has also designed Torquay's only post-war factory, below, for the Fairymaid Knitwear Company. Construction: north light frames, supported on steel valley beams in turn supported by columns at 45 ft. intervals, providing 45 ft. wide bays of any length required.



H. Cameron Beaumont

architect in private practice in Plymouth

He is a Yorkshireman and was trained in the private office of a Huddersfield architect, taking his final examination externally. He has since worked in both public and private offices and for a time was in the City Architect's Department, Plymouth, under E. G. Catchpole. He has been in private practice now for over five years, but would be prepared to go back into public office if a good opportunity arose. He plays golf and sails. Below: three views of two recent houses he has designed at Wrangaton.



Vyvyan Salisbury

architect in private practice in Wadebridge

The President of the Devon and Cornwall Society for 1954-55, and vice-chairman of the Conference Executive Committee, Vyvyan Salisbury is one of the few architects in the West Country who runs a farm as well as a practice. Salisbury, whose father was an architect, was trained by being articled to Ian Hamilton, an architect in Lincoln's Inn, and by attending the Bartlett school. On qualifying he worked for a while in the then Office of Works, endeavouring to establish a private practice in his spare time. The job which set him on his feet in private practice was designing a large house for his uncle, Frank Salisbury, the painter. Working with him on the design was L. A. Culliford, his father's partner. His practice disappeared when the war started. During the war—which he spent in the Royal Navy and in Combined Ops.—he bought a cottage and the first few acres of the land which now forms part of his farm at St. Issey. He is now putting on an extension to the farmhouse (see below) which he recently built for himself. The site is on a hillside, facing S.W. and has been bull-dozed to three different levels, a pond being formed in the lower one, the house being placed on the centre terrace and a formal garden on the higher. Other work includes: right, a doctor's house at Hayle, in Cornwall, and, below right, a combined public lavatory and shelter at Port Gaverne. This has been built of local granite in order to harmonise as far as possible with the surroundings.



Bazeley

architect
GEOFFREY
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For his
Cambridge
assistant
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He was in
going by
PETER J.
Bazeley is
He worked



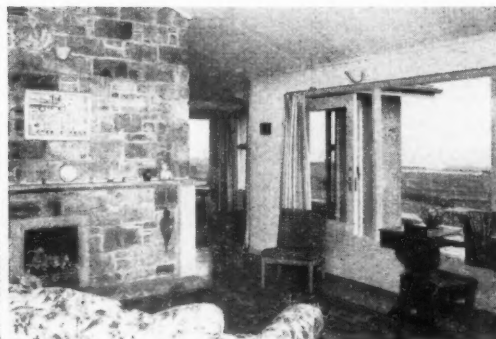
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Bazeley and Barbary

architects in private practice in Penzance

GEOFFREY BAZELEY (right in photo.) is Penzance-born and took up architecture in his second year at Cambridge. For his first year he was studying economics. From Cambridge he went to the AA, then for a time he was an assistant to Grey Wornum on the RIBA building, and later worked for Chermayeff and Mendelsohn. Eventually he decided to launch out in his own practice in Penzance. He was in the RA during the war, but the office was kept going by an assistant, and he rejoined it in 1945.

PETER J. BARBARY was an articled pupil to Geoffrey Bazeley in the 'thirties and took his finals after the war. He worked for a time as an assistant to A. C. Tripe, and



finally joined Bazeley in 1949. Both partners have a distinguished war record and Peter Barbary commands a regiment of the RA (TA). Recent work includes: top, left and right, the exterior and the living room of a bungalow at Gulval; above: a shop at Alverton, Penzance, above right: bungalow at Polstrong, Camborne, and right: a shop and maisonette forming part of a group of housing at St. Mary's, Isles of Scilly, which was awarded an MOH bronze medal and diploma.



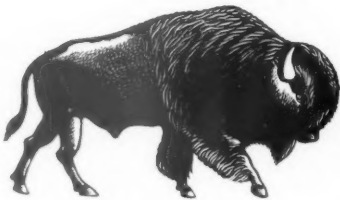
C. R. Corfield and Son

architects in private practice in Falmouth

Roger Corfield is mainly responsible for the practice, as his father has now more or less retired. He is a Cornishman and, in the Cornish manner (quite naturally) refers to England as some practically separate entity. He went to Cambridge and then qualified externally. He has been working in Falmouth with his father since 1933. He sails, of course—a three tonner, does a little racing, and finds that the local boat builders will do joinery work for him very successfully. He is a past chairman of the Truro Branch of the Devon and Cornwall Society. Recent work includes right: from top to bottom, a Doctor's house at Par, consisting of four bedrooms and three living rooms, and costing £3,318. The roof is covered with grey concrete tiles and the walls are rendered with a light grey Tyrolean finish. House at Hangman's Hill, Falmouth, with three bedrooms, and two living rooms, costing £3,244. Roof: grey Delabole slate; walls, concrete blocks rendered externally and rough cast with granite chippings. Parsonage at St. Columb Major with five bedrooms and three living rooms, costing £4,720. Roof: grey Delabole slate; walls rendered with grey Tyrolean finish; floors, woodblock throughout. House at Penpol with two bedrooms and one living room, costing £1,791. Roof: grey concrete tiles; walls, concrete blocks rendered, with a Tyrolean finish.



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Lichfield 2404

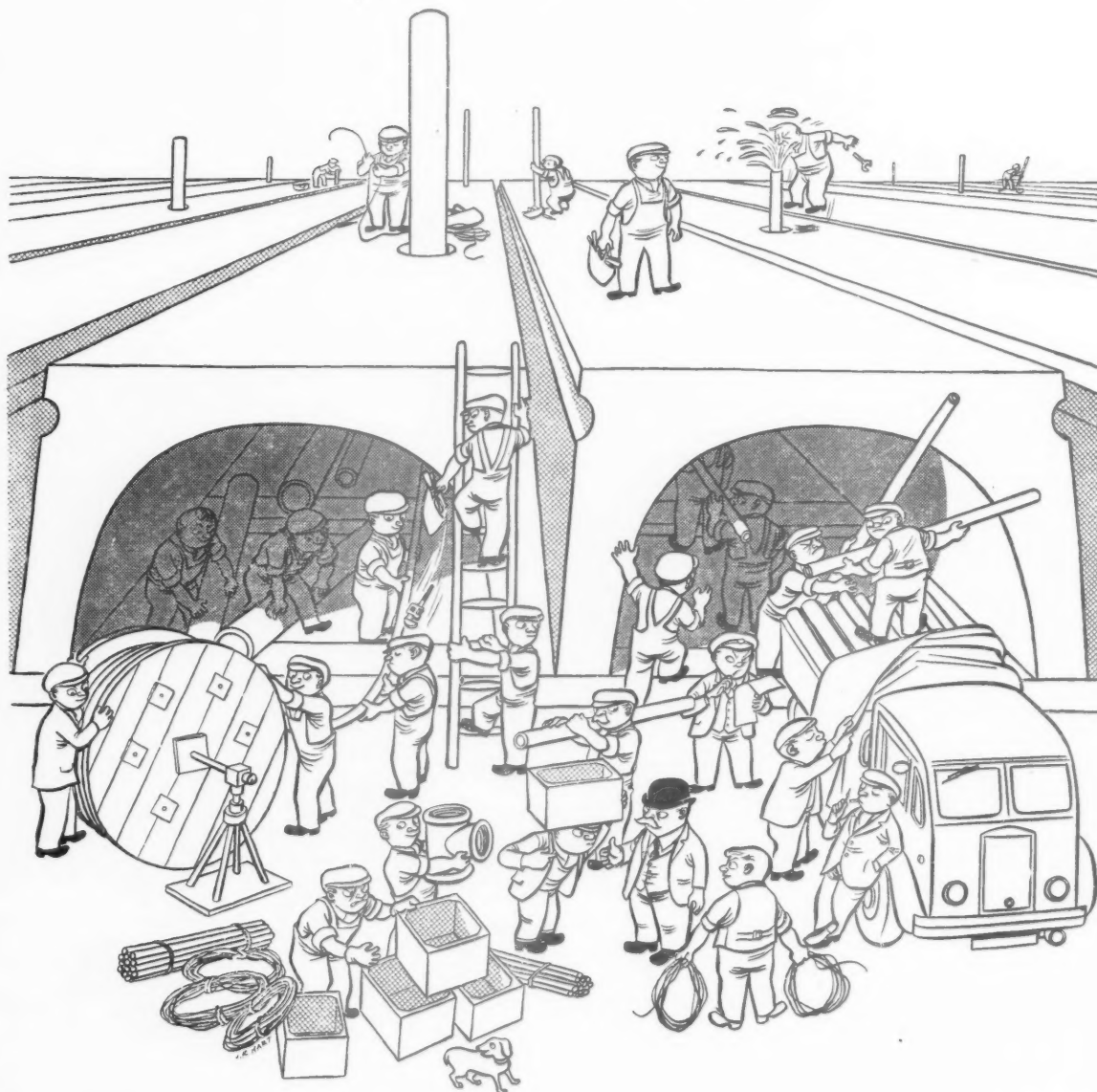
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Falkirk
Falkirk 1585

EDINBURGH

Sighthill Industrial
Estate, Edinburgh
Craiglockhart 1729

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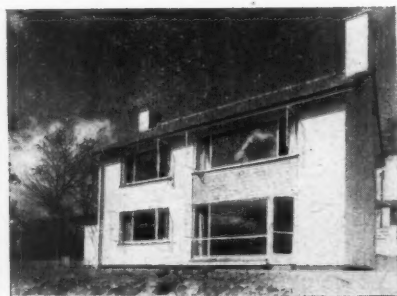
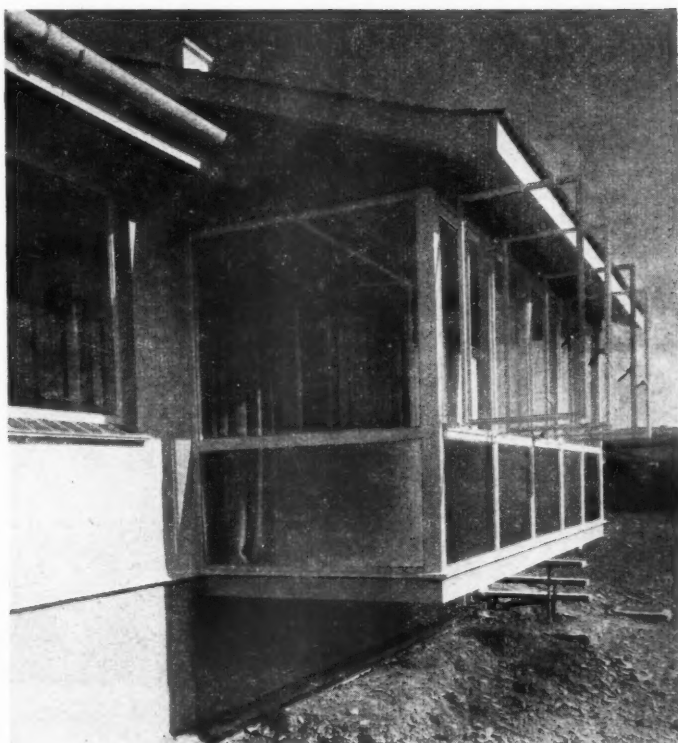
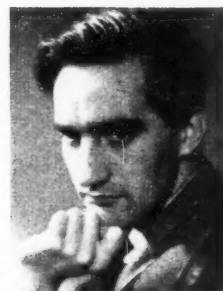
JOHN TAYLOR—Hampshire-born, started his training at the Portsmouth School of Art while working in the county office. After passing his intermediate exam, did three years in the army, obtaining a commission in the R.E. Stationed in Scotland, he took part of his finals in Edinburgh, and on being demobbed, became an assistant in the Cornwall County architect's department, where he finally qualified. Also in the county office was J. H. Crowther, who introduced Taylor to his son, John Crowther, who is now his partner.

JOHN CROWTHER, extreme right, was trained at the Cardiff School of Architecture—and was an Archibald Dawney Scholar. The practice, which he has built up from scratch, with his partner, during the last two years, was started immediately he qualified, each partner putting up £50 apiece. It is now sufficiently well established for him to be able to be philosophic about the two years national service with which he is now confronted. Both partners, as their work and their office prove, are uncompromisingly modern in their designing. Recent work includes, below left, a house in Penwethers Lane, Truro; right, detail of a single-storey house at Perranporth; bottom, left to right, house at

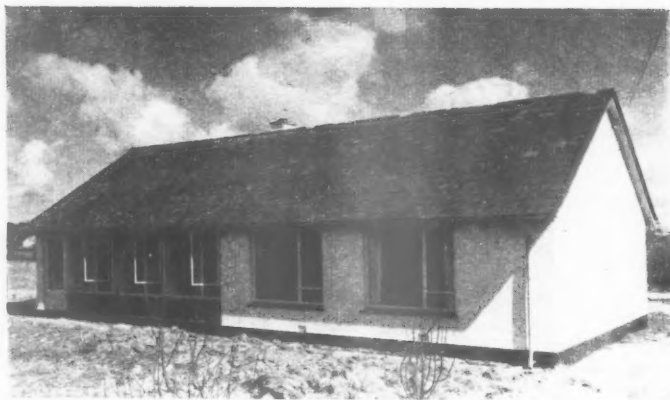


Taylor and Crowther

architects in private practice in Truro



Treyew Road, Truro, and front and rear elevations of another house at Penwethers Lane, Truro. Right, a single storey house, at Playing Place, Truro. Most of the partners' work at the moment consists of housing, but they have also designed an hotel extension and a motor-cycle showroom.



G. R. VAUGHAN ELLIS is London born and Cornish bred. In '43 he went to the Brixton School of Building and then to the Kingston School of Art. He completed his testimonies of study and worked for Hammett and Norton, and Arcon, before he moved back to Cornwall when offered a partnership by H. R. Venning, who has now largely retired from active work. Ellis is on the Council, and an active member of the Devon and Cornwall Society. Recent work includes: below left, a bungalow at Lodge Hill, Liskeard; below right, a farm house at Station Road, Liskeard. Bottom, farmhouse at Lamellion Cross. Right, reconstructed main bar at the Albion Inn, Liskeard; below right, a cycle and radio showroom in Liskeard.

Venning and Ellis

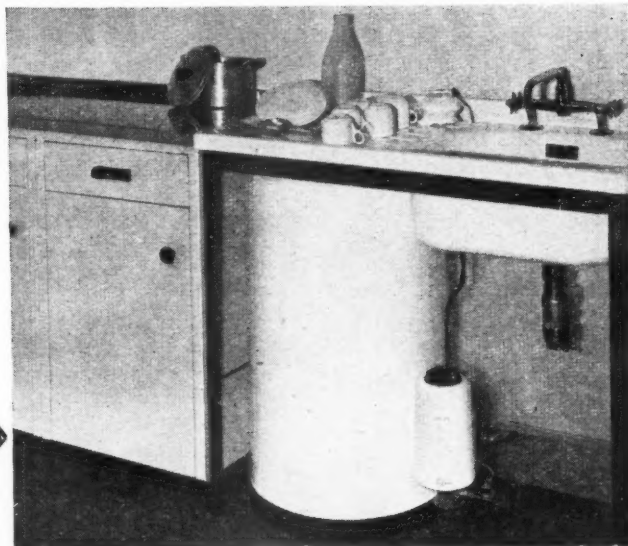
architects in private
practice in Liskeard



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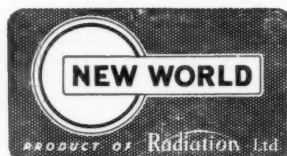
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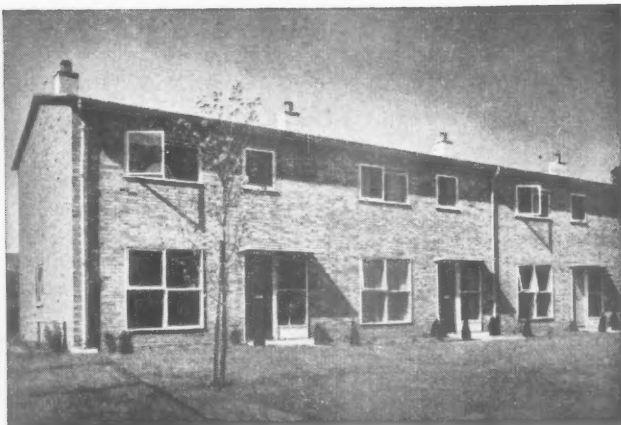
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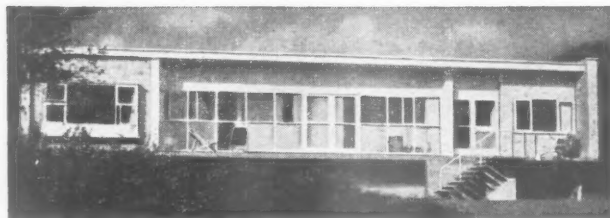
ZINC



TERRACE HOUSES AT COWLEY PEACHEY. Architects—F. R. S. Yorke, F.R.I.B.A.; E. Rosenberg, F.R.I.B.A.; C. S. Mardall, A.R.I.B.A.

Flashings and hoods, rainwater goods and weatherings — from roof to foundations zinc plays an important part in building. Our illustrations show contemporary houses roofed with zinc laid on the standing seam system. The roofing of the Cowley Peachey houses has an added interest because it has been laid on insulation boarding to combine good insulation with lasting protection.

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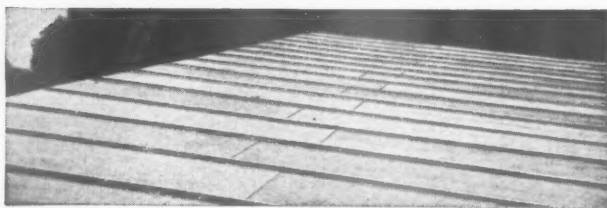
HOUSE AT LUCCOMBE, I.O.W. View from South-west. Architect and owner—F. R. S. Yorke, F.R.I.B.A.

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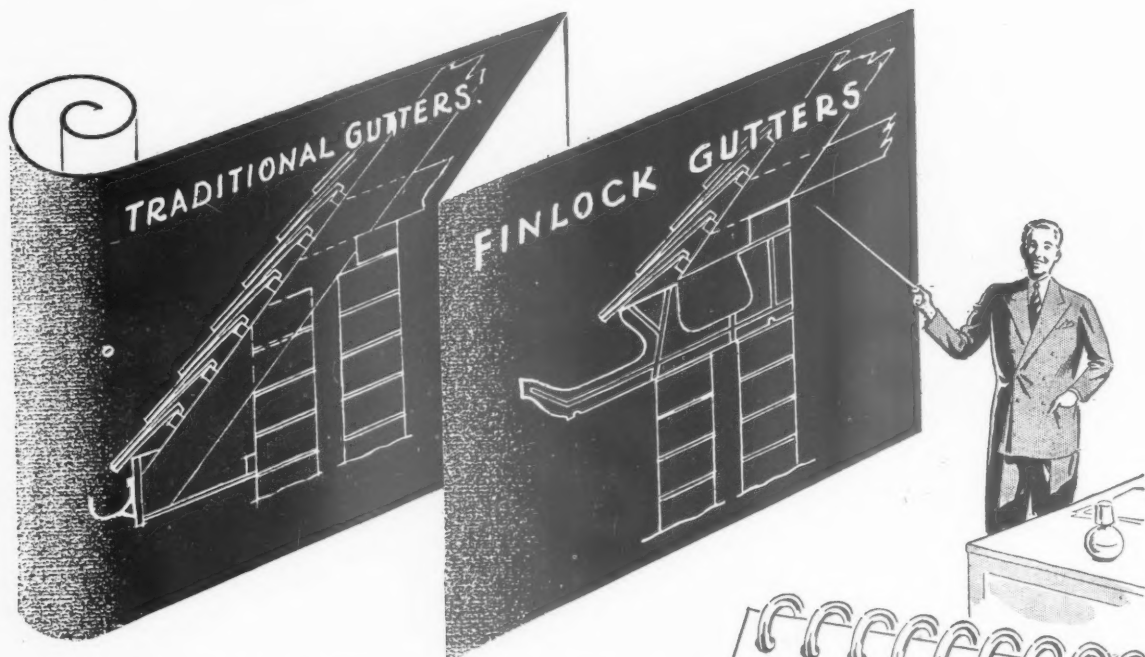
Cowell, Drewitt and Wheatley

architects in private practice in Penzance



F. G. DREWITT became architect to a firm of engineers as a young man and went to China, where he spent seven years designing an immense amount of large commercial buildings. At the end of that time—aged 31—he had earned enough to be able to come home and start his own practice—at first in the north (he is a Lancashire man), but the climate proved too cold after China, so he moved to Penzance where he has been for the past 45 years. He is the senior partner of the firm, and has branch offices at Truro, Newquay and St. Austell. Also in the firm is his son, G. B. DREWITT, seen with him here, who trained at the AA, qualifying in 1936. A member of the Territorial Army, he commands a T.A. battalion of the Duke of Cornwall's Light Infantry. Recent work includes: above left, a house at Marazion, above right, a house on the Polwithen estate, Penzance. Below, showroom and stores for Harvey & Co. Ltd., at Hayle. Right, from top to bottom, a cocktail bar at the Western Hotel, St. Ives; another bar at the Porthminster Hotel, St. Ives; and a reconstructed banking hall for Barclays Bank, Launceston. This firm was one of six selected to compete for the recent Falmouth secondary school competition.





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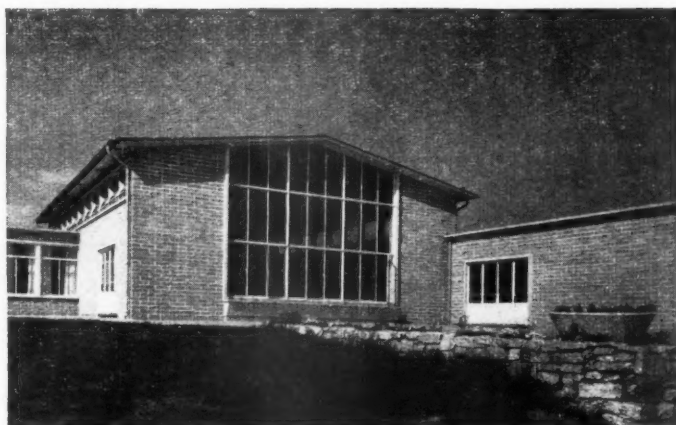
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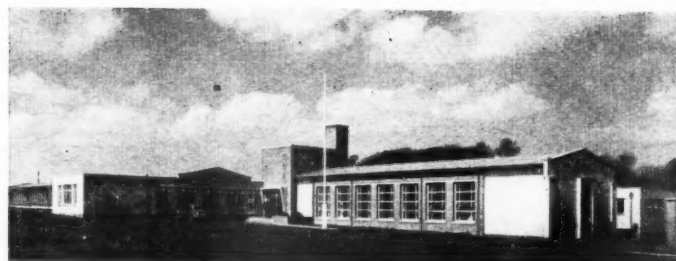
Sydney Gregson

county architect's department, Cornwall



SYDNEY GREGSON was county architect of the Isle of Wight for eleven years before taking up his present post as Cornwall's county architect. Trained at the Keighley School of Art and the Leeds school of architecture, he worked in private practice in Keighley before going into public offices. Always interested in the design of schools, hospitals and libraries, he has obviously had greater opportunities of studying these types of buildings in public office than he would have had in the normal course of events, as a private architect. At present he is doing development work on stone-faced building blocks as a substitute for brick. A Rotarian, a teetotaler, he is interested in international affairs, was instrumental in forming the Cornwall Branch of the Devon and Cornwall Society, and plays tennis and badminton.

S. W. WARN, above right, deputy county architect, is Ipswich born. Trained at the Oxford City School of Arts and Crafts, being one of the first architectural students.



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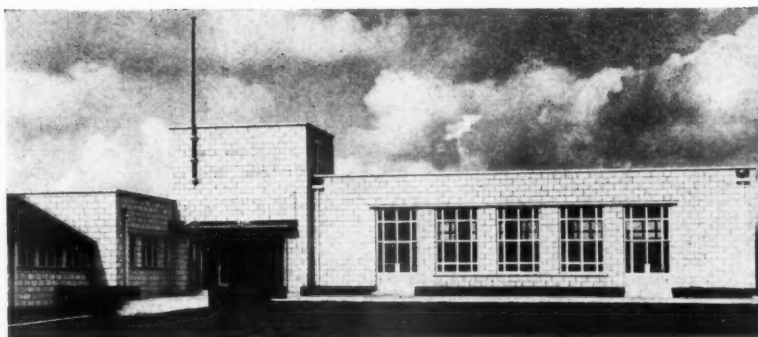
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members in 1930. His first appointment in a public office was as assistant to the architect of the Bristol Education Committee. In the R.E. from 1944 to 1946, he went back to Bristol in that year, and became head of the Education section of the City Architects department. Came to Cornwall in 1949. Recent buildings by the department include: previous page, above, and top right, the Carbeile county primary junior school at Torpoint, with accommodation for 320 boys and girls; centre, right, the Cornwall Technical College, Trevenson; and, bottom, the main entrance of the Tretherrar county secondary school, Newquay. Right, on this page, is the infants school at Falmouth.



Buildings Illustrated

Block of Flats, Torquay. (Page 633.) Architect: Edward Narracott, F.R.I.B.A. General contractor: P. W. Wilkins & Sons Ltd. Sub-contractors: Precast floors, Concrete Ltd.; flat roofing, the Standard Flat Roofing Co.; electrical, Havill & Williams; terrazzo, The South Western Flooring Co.; metal work, Woodrow Metals Ltd.

Housing, Orange Grove, Torquay. (Page 633.) Architect: Edward Narracott, F.R.I.B.A. General contractors: P. T. Stoneman Ltd. Sub-contractors: Water heating, Ascot Water Heaters Ltd.; flat roofing, The Standard Flat Roofing Co.

Doctor's House, Pennepthy Estate, Brixham. (Page 634.) Architect: Edward Narracott, F.R.I.B.A. General contractors: G. Cooksley & Son Ltd. Sub-contractors: electrical, A. J. Pope; metal windows, Henry Hope & Sons Ltd.; wood block floors, Jewsons Ltd.; vitrolite, The Torquay Glass Works.

Flat over Garage Block, Higher Erith Road, Torquay. (Page 634.) Architect: Edward Narracott, F.R.I.B.A. General contractors: W. A. Deakin & Co. Ltd. Sub-contractors: flat roofing, Standard Flat Roofing Co.; electrical, Lisburne Electric Co.; wood block floors, Jewsons Ltd.; metal windows, Henry Hope & Sons Ltd.

Shop for Henry Warren & Son Ltd., No. 3, Bank Street, Newton Abbot. (Page 634.) Architect: Edward Narracott, F.R.I.B.A. General contractors: F. J. Zealley & Sons Ltd. Sub-contractors: marble, Walter W. Jenkins & Co. Ltd.; joinery, T. E. Kennard & Sons Ltd.; electrical, F. Ward & Co. Ltd.; glass, G. Widger & Co. Ltd.; lettering, Gordon Ford & Co. Ltd.

Restoration of Sharpsham House, Ashprington, Nr. Totnes. (Page 635.) Architect: C. F. J. Thurlay, L.R.I.B.A. General contractors: T. G. Lewis Ltd. Sub-contractors: stonework, The Bath & Portland Stone Co.; plumbing and central heating, T. S. Sharp & Co. Ltd.; A. H. Braund; electrical installation, Drake & Gorham Ltd.; A. R. & E. Wallis.

House in Newton Road, Torquay. (Page 635.) Architect: C. F. J. Thurlay, L.R.I.B.A. General contractor: F. J. Radford.

The White Cottage, Westerland Green, Marldon, Dartmoor. (Page 636.) Architect: C. F. J. Thurlay, L.R.I.B.A. General contractors: E. G. Milford & Son Ltd. Sub-contractors: electrical, A. R. & E. Wallis; roof tiling, The Ruberoid Co. Ltd.

Rebuilding of Spire on St. Luke's Church, Torquay. (Page 636.) Architect: C. F. J. Thurlay, L.R.I.B.A. General contractors: R. E. Narracott & Son. Sub-contractors: stonework, The Bath & Portland Stone Co. Ltd.

House, Beech Hill, Middle Warberry Road. (Page 636.) Architects: Powell & Powell, F.R.I.B.A. General contractors: E. G. Milford & Son Ltd. Sub-contractors: shingle roof, W. H. Colt (London) Ltd.; steel windows and ironmongery, James Gibbons Ltd.; heating and hot and cold water, G. N. Haden & Sons Ltd.; wood block and cork flooring, Horsley Smith & Co. Ltd.; precast stone, Teign Valley Concrete Works; terrazzo flooring, South Western Flooring Co. Ltd.; tiling to floors and walls, Carters; suspended floor, Rapid Flooring Co. Ltd.; Swedish beech flooring, Masters & Andren Ltd.; electrical installation, J. H. Pollard Ltd.

Livermead House Hotel, Torquay. (Page 637.) Architects: Powell & Powell, F.R.I.B.A. General contractors: Staverton Builders Ltd. Sub-contractors: heating and hot and cold water systems, G. N. Haden & Sons Ltd.; wood block flooring, Horsley Smith & Co. Ltd.; composition flooring, Roman Mosaic Co. Ltd.; asphalt, Val de Travers; pre-stressed concrete flooring, Concrete Ltd.; suspended ceilings, Trussed Concrete Steel Co.; electrical installation, Sydney Truscott Ltd.

Halifax Building Society, Torquay. (Page 637.)

Architects: Powell & Powell, F.R.I.B.A. General contractors: Courtney, Pope Ltd. Sub-contractors: builder's work, Staverton Builders Ltd.; heating, E.K. Cole Ltd.; electrical installation, Sydney Truscott Ltd.; electric fittings, General Electric Co.; Portland stone and granite, Walter Jenkins & Co. Ltd.; linoleum flooring, Lewis Bros. Ltd.; lettering, Morris Singer Ltd.

The Mayflower Hotel, Torquay. (Page 637.) Architects: Powell & Powell, F.R.I.B.A. General contractors: Chelston Building Co. Ltd. Sub-contractors: Precast stone, Teign Valley Concrete Ltd.; steel windows and ironmongery, James Gibbons Ltd.; bar fittings, Pettfects; terrazzo, South Western Flooring Co. Ltd.; signs, Fell Signs Ltd.; wrought ironwork, Oak Tree Forge.

Rehabilitation and Modernization of Victoria Hotel, Torquay. (Page 637.) Architect: Watson, Watson & Scoles, L.R.I.B.A. General contractors: C. Bryant & Son Ltd. Sub-contractors: Plumbing, heating and ventilation, J. S. Wright & Co. Ltd.; electrical work, flood lighting, A. R. & E. Wallis; roofing, D. Anderson & Son Ltd.; decorations, P. W. Wilkins & Son Ltd.; bar fittings, Gaskell & Chambers Ltd.; kitchen equipment, cold storage and still room, W. J. Allsopp Ltd.; passenger lift and service lift, Hilary Hurlley Ltd.; glazing, John Hall Ltd.; fire escape, Gardiner, Sons & Co. Ltd.; structural steelwork, T. L. Harding & Sons Ltd.; steel reinforcement, British Reinforced Concrete Engineering Co. Ltd.; internal telephones, Reliance Telephone Co. Ltd.; scaffolding, Mills Scaffold Co. Ltd.; electric signs, Franco British Electrical; fire appliances, Minimax Ltd.; sanitary equipment, Rowe Bros. Ltd.; paints, Lewis Berger & Son Ltd.; furnishings, Maple & Co. Ltd.

Rebuilding of Astwell Hall, Torquay. (Page 638.) Architect: Watson, Watson & Scoles, L.R.I.B.A. General contractors: P. W. Wilkins & Son Ltd. Sub-contractors: Electrical engineers, A. R. & E. Wallis; windows, ironmongery, James Gibbons Ltd.; reinforcement, British Reinforced Concrete Engineering Co. Ltd.; sanitary fittings, William Dibben & Son Ltd.; fire escape and structural steelwork, T. L. Harding & Sons Ltd.; paints and distempers, Template Varnish Co. Ltd.; anti-condensation paints, Henry Matthews & Son Ltd.

House, Innead, Livermead, Torquay. (Page 638.) Architect: Watson, Watson & Scoles, L.R.I.B.A. General contractors: Theo. Boutons & Sons Ltd. Sub-contractors: Electrical work, E. Gibbs; windows and ironmongery, James Gibbons Ltd.; paint, Temple Varnish Co. Ltd.; Henry Matthews & Sons Ltd.; cork flooring, Cork Insulation & Asbestos Co. Ltd.; leaded lights, John Hall & Son Ltd.; ironwork, T. L. Harding & Sons Ltd.; central heating and domestic boiler, South Western Gas Board; delabole slating, Webber & Stedham; sanitary fittings, William Dibben & Son Ltd.

House at Harwood, Watcombe Heights, Torquay. (Page 638.) Architect: Watson, Watson & Scoles, L.R.I.B.A. General contractors: F. T. Stoneman Ltd. Sub-contractors: Electrical work, A. R. & E. Wallis; windows and ironmongery, James Gibbons Ltd.; roofing, Marley Tile Co. Ltd.; gas, South Western Gas Board; paints, Temple Varnish Co. Ltd.; Ripolin Co. Ltd.; Henry Matthews & Sons Ltd.; roof ladder, Loft Ladders Ltd.; sanitary ware, William Dibben & Son Ltd.

Houses, Nos. 1, 2 and 3, Dairy Hill, Torquay. (Page 638.) Architect: J. Evans, A.R.I.B.A. General contractors (No. 1), F. Radford; (Nos. 2 and 3), E. G. Milford. Sub-contractors: Central heating (No. 1), T. S. Sharp; flooring, Marley Tile Co. Ltd.; roofing, Barnstaple Tile Co.

Houses, Nos. 4 and 5, Shipway Avenue, Torquay. (Page 639.) Architect: J. Evans, A.R.I.B.A. General contractors (No. 4), E. G. Milford; (No. 5), Jenkinson & James. Sub-contractors: Flooring (No. 4), Marley Tile Co. Ltd.; roofing (No. 5), Barnstaple Tile Co.

Houses, Loxbury Road and Oxlea Road, Torquay. (Page 639.) Architect: J. Evans, A.R.I.B.A. General Contractors (Loxbury Road), E. G. Milford & Son; (Oxlea Road), W. A. Deakin & Co.

Sub-contractors: Flooring (Oxlea Road), Accotile Ltd.

Houses for Newton Abbot Pioneering Housing Association, Ashburton Road, Newton Abbot. (Page 639.) Architects: Dawes Dingle, L.R.I.B.A., and C. Talbot Larrington, A.R.I.B.A. Direct labour.

The Regency Restaurant, Torquay. (Page 640.) Architect: Dawes Dingle, L.R.I.B.A. General contractor: John Lloyd. Sub-contractors: Catering equipment, Rowe Bros. Ltd.; carpets and linoleum, F. H. Wills Ltd.; wallpapers, John Line & Sons Ltd.; Cole & Son Ltd.; lighting fittings, Falk, Stadelman & Co. Ltd.; Troughton & Young, George Forrest & Son Ltd.; external lettering, Ford Signs; entrance door, armour plate glass, Pilkington Bros. Ltd.; sliding window, P. G. Allday & Co. Ltd.

The Gay Abbot Restaurant, 50, Queen Street, Newton Abbot. (Page 640.) Architect: Dawes Dingle, L.R.I.B.A. General contractor: Eric T. Scott. Sub-contractors: Flooring, H.B.D. Floors Ltd.; wall and ceiling papers, John Line & Sons Ltd.; lighting fittings, Troughton & Young Ltd.; George Forrest & Son Ltd.; Finmar Ltd.; mirrors, G. Widger & Sons Ltd.; snack bar counter and tables, Fabricated Micas; snack bar chairs and upholstery, Ernest Race Ltd.; catering equipment, W. J. Allsopp & Son Ltd.

Rebuilt farm cottage at Chercombe Bridge, near Newton Abbot. (Page 640.) Architects: Dawes Dingle, L.R.I.B.A., with C. Talbot Larrington, A.R.I.B.A. Direct labour.


Barton Hall Chalet Hotel (Holiday Camp), Dining Hall and Milk Bar. (Page 640.) Architect: Dawes Dingle, L.R.I.B.A. Design consultants: Timber Development Association Ltd. General contractor: M. J. Liddell & Son. Sub-contractors: Flooring, H.B.D. Floors Ltd.; main windows, P. G. Allday & Co. Ltd.; roof, Stramit Ltd.; rubberoid roofing, The Ruberoid Co. Ltd.; dome-lights, T. & W. Ide Ltd.; lighting fittings, Troughton & Young Ltd.; Merchant Adventurers; blinds, Deans (Putney) Ltd.; electrical work, John Lloyd.

Housing Estates, Torquay. (Pages 641-642.) Architects: P. W. Ladmore, Registered Architect, Borough Engineer, and G. R. Todd, F.R.I.B.A., Architectural Department. General contractors: Theobald Boutons & Sons Ltd.; T. Brook & Co. Ltd.; C. Bryant & Sons Ltd.; The Chelston Building Co. Ltd.; W. A. Deakins; W. Gibbs, A. Kellow & Sons, John Lloyd, E. G. Milford & Son, William Payne & Son Ltd.; J. T. Sture, and F. White. Sub-contractors: Flooring finish, Bruce Martyn Ltd.; structural concrete flooring, Concrete Ltd.; roof tiles, Marley Tile Co. Ltd.; windows, Henry Hope & Sons Ltd.; precast concrete units, F. J. Moore Ltd.; Teign Valley Concrete Co. Ltd.

Torquay Police Station. (Page 643.) Architect: H. V. de Courcy Hague, F.R.I.B.A., Devon County Architect. Quantity Surveyors: Bare, Leaning & Bare. Clerk of Works: F. G. Harris. General contractors: R. E. Narracott & Sons Ltd.

Barnstaple, North Devon Technical College, Workshop and Classroom Blocks (First Phase). (Page 643.) Architect: H. V. de Courcy Hague, F.R.I.B.A., Devon County Architect. Quantity Surveyors: Bare, Leaning & Bare. General contractors: James Dennis & Son Ltd. Clerk of Works: E. C. Jordan. Sub-contractors: Artificial stonework, The Wharf Lane Concrete Co. Ltd.; fire and sound resisting floors and flats, Frazzi Ltd.; electrical installation, Drake & Gorham; heating and hot water installation, Garton & King Ltd.; metal windows and doors, James Gibbons Ltd.; patent flooring, The Granwood Flooring Co. Ltd.; Horsley Smith & Co.; patent roofing, D. Anderson & Son Ltd.; constructional steelwork, A. & E. Watson (Exeter) Ltd.; flush doors, Shapland & Pettler Ltd.

Torquay Special School. (Page 643.) Architect: H. V. de Courcy Hague, F.R.I.B.A., Devon County Architect. Quantity Surveyors: Bare, Leaning & Bare. General contractors: T. Boutons & Sons Ltd. Sub-contractors: Reinforcement, The British



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Watcombe County Primary School, Torquay. (Page 643.) Architect: H. V. de Courcy Hague, F.R.I.B.A., Devon County Architect. Quantity Surveyors: Bare, Leaning & Bare. General contractors: The Staverton Builders Ltd. Sub-contractors: Acoustical treatment of entrance hall, May Acoustics Ltd.; artificial stonework, The Wharf Lane Concrete Co. Ltd.; heating and hot water, The Brightside Foundry & Engineering Co. Ltd.; electrical installation, The Colston Electrical Co. Ltd.; electric light and fittings, Holophone Ltd.; steelwork (constructional), A. & E. Watson (Exeter); metal windows, J. Couper & Co. Ltd.; sanitary fittings, Shanks & Co. Ltd.; patent roofing, D. Anderson & Son Ltd.; ironmongery, J. Gibbons Ltd.; patent flooring, The Granwood Flooring Co. Ltd.; fire and sound resisting floors and flats, Frazzi Ltd.; flush doors, Staverton Builders Ltd.; duct covers, Dover Engineering Works Ltd.; gas installation and fittings, South Western Gas Board; lantern lights, J. Gibbons Ltd.; pavement lights, Lencroft Ltd.; spherical glass dome lights, Pilkington Bros. Ltd.; entrance gates (tubular steel), Boulton & Paul.

Shiphay County Infants' School, Torquay. (Page 643.) Architect: H. V. de Courcy Hague, F.R.I.B.A., Devon County Architect. Quantity Surveyors: Bare, Leaning & Bare. General contractors: Thomas Vanstone & Sons. Sub-contractors: Artificial stonework, The Wharf Lane Concrete Co. Ltd.; heating and hot water installation, Maddock & Wright; electrical installation, A. R. & E. Wallis; electrical fittings, Holophone Ltd.; steelwork (constructional), A. & E. Watson (Exeter) Ltd.; metal windows and doors, J. Gibbons Ltd.; sanitary fittings, W. Otton & Sons Ltd.; patent roofing, D. Anderson & Son Ltd.; fire and sound resisting floor and flats, Frazzi Ltd.; flush doors, Shapland & Petter Ltd.; lantern lights, J. Gibbons Ltd.; acoustical treatment of assembly hall, May Acoustics Ltd.; dome lights, J. A. King & Co. Ltd.

New Technical College, Plymouth. (Page 647.) Architects: H. J. W. Stirling, A.R.I.B.A., City Architect; F. Napp, A.R.I.B.A., Deputy City Architect; A. C. Harris, A.R.I.B.A., Chief Assistant Architect; M. C. L. Harris, A.R.I.B.A., Principal Assistant Architect; E. Blight, A.R.I.B.A., Senior Assistant on project; Miss V. Tomms, A.R.I.B.A., Assistant. Quantity Surveyors: Gleds (Plymouth). Heating consultants: Hoare, Lea & Partners. General contractors: A. N. Coles Ltd. Sub-contractors: Heating and ventilation contractor, G. N. Haden & Sons Ltd.; structural steelwork, Blight & White; electrical installation, Drake & Co.; electric light fittings, Merchant Adventurers Ltd.; Troughon & Young, General Electrical Co. Ltd.; hose reels, Pyrene Co. Ltd.; lifts, Keighley Lifts Ltd.; reinforcement, Square Grip Reinforcement Co. Ltd.; windows, Holcon Ltd.; cork insulation, Cork Insulation & Asbestos Co. Ltd.; roof lights, Lencroft Ltd.; terrazzo, South Western Flooring Co. Ltd.; suspended ceilings, Bowaters Building Boards; venetian blinds, J. Avery & Co. Ltd.; lantern lights, Pittalls Ltd.; tubular steel gates, St. Thomas Metal Works Ltd.; quartzite, John Stubbs Ltd.; facing bricks, Proctor & Lavender Ltd.; Portland stone, Bath & Portland Stone Firms Ltd.; reconstructed stone, F. J. Moore Ltd.; slate sills, Bow Slate & Enamel Co. Ltd.; pressed steel door frames, Williams & Williams Ltd.; flush doors, Moulded Components (Jablo) Ltd.; stone carving, Cantell & Endicott; floor tiles, Adomite Co. Ltd.; non-slip stair nosings, Adomite Co. Ltd.; fixed furniture, George M. Hammer & Co. Ltd.; other furniture and fittings, Educational Supply Association Ltd.; Ernest Race Ltd.; S. Hille & Co. Ltd.; Sankey Sheldon & Co. Ltd.; lettering, The Lettering Centre; aluminium sculpture, J. Starkie Gardner Ltd.; mast, Willoughby Ltd.; paint, John Hall Ltd.; ironmongery and fittings, James Gibbons Ltd.

4 Shops and 8 Maisonnets, King Street, Plymouth. (Page 648.) Architects: H. J. W. Stirling, A.R.I.B.A., City Architect; F. Napp, A.R.I.B.A., Deputy City Architect; A. C. Harris, A.R.I.B.A., Chief Assistant; D. Hunt, A.R.I.B.A., Principal Assistant Architect, Housing; Miss M. E. P. Driver, A.R.I.B.A., G. Green, A.R.I.B.A., Assistant Architects. General contractors: A. N. Coles (Contractors) Ltd. Sub-contractors: Reinforcement, Square Grip Reinforcement Co. Ltd.; shop blinds, Topes; ironmongery, Walker & Wood Ltd.; shop front lettering, Lettering Centre; staircase and external balustrading, Woodrow Metals Ltd.; gas installation, South Western Gas Board; electrical

installation, Madge & Son; asbestos roofing, Turners Asbestos Co. Ltd.; floor insulation, Fibre-bricks; bricks, Western Counties Brick Co.; water-proofing and external paint to balconies, R.I.W. Protective Products Co. Ltd.; fires and back boilers, Falkirk Ironworks.

Two Bedroom Terrace Houses, Whiteleigh Estate, Plymouth. (Page 648.) Architects: H. J. W. Stirling, A.R.I.B.A., City Architect; F. Napp, A.R.I.B.A., Deputy City Architect; A. C. Harris, A.R.I.B.A., Chief Assistant; D. Hunt, A.R.I.B.A., Principal Assistant Architect, Housing; Miss M. E. P. Driver, A.R.I.B.A., R. P. H. Gurling, A.R.I.B.A., Assistant Architects. Contractors: John Garrett & Son Ltd. Sub-contractors: Metal windows, Rowe Bros. Ltd.; window permavents, Greenwood & Airvac Ventilating Co. Ltd.; ironmongery, Plymouth Tile & Hardware Co. Ltd.; gas installation, The South Western Gas Board; precast concrete lintols, surrounds, etc., F. J. Moore Ltd.; bricks, G. H. Bennett; roof tiles, The Marley Tile Co. Ltd.; draining boards, Mitchell (Woolston) Ltd.; paint and distemper, Walpamur Limited; fires and back boiler, The Falkirk Iron Co. Ltd.

Whiteleigh Green Shops and Maisonnets, Plymouth. (Page 648.) Architect: H. J. W. Stirling, A.R.I.B.A., City Architect. Assistant Architects: A. C. Harris, A.R.I.B.A., Chief Assistant Architect; L. Belam, A.R.I.B.A., Principal Assistant Architect. General contractors: J. W. Spencer Ltd. Sub-contractors: Supply of steel rod and fabric reinforcement, Square Grip Reinforcement Co. Ltd.; precast concrete pavement lights, Lencroft Ltd.; ironmongery, Service & Co. Ltd.; shop blinds, Rogers & Co.; electrical installation, Yeldon & Gardiner; gas installation, The South Western Gas Board.

24 Star Flats, Cecil Street, Plymouth. (Page 648.) Architect: H. J. W. Stirling, A.R.I.B.A., City Architect; F. Napp, A.R.I.B.A., A.D.P.I., A.M.T.P.I., Deputy City Architect; A. C. Harris, A.R.I.B.A., Chief Assistant; D. Hunt, A.R.I.B.A., Principal Assistant Architect, Housing; G. E. J. Gissing, A.R.I.B.A., R. P. H. Gurling, A.R.I.B.A., Assistant Architects. Contractors: Hill & Lang. Sub-contractors: Reinforcement, The Square Grip Reinforcement Co. (Bristol) Ltd.; fireplace surrounds, The South Western Flooring Co. Ltd.; staircase balustrading and staircase window fixing, Woodrow Metals Ltd.; electrical installation, Madge & Son; gas installation, The South Western Gas Board; ironmongery, Wm. Dibben & Sons Ltd.; metal windows and door frames, Henry Hope & Sons Ltd.; asbestos roofing, Turners Asbestos Co. Ltd.; fire-place throat units and spruce thrower soil and waste units, B. Finch & Co. Ltd.; floor and flue insulation, Fibreglass Ltd.; roof insulation ("Zonalax"), Gyproc Products Ltd.; bricks, The Western Counties Brick Co. Ltd.; staircase wall finish (Tyloglaze), Quickset Water Sealers Ltd.; waterproofing and external paint to balconies, R.I.W. Protective Products Co. Ltd.; re-sealing traps to sanitary fittings, McAlpine & Co. Ltd.; fires and back boilers (Eagle Sutton). Radiation Group Sales Ltd.; hot water cylinders ("Fortic"), Range Boilers, Ltd.

Penlee Secondary Modern School, Plymouth. (Page 648.) Architects: H. J. W. Stirling, A.R.I.B.A., City Architect; J. Davidson, A.R.I.B.A., Assistant architects; A. Reid. Quantity surveyors: Gleds (Plymouth). Consulting engineers: Hoare, Lea & Partners. General contractors: F. J. Stanbury Ltd. Sub-contractors: Structural steel, Blight & White Ltd.; heating and hot water supply, Johnson & Baxter (Plymouth) Ltd.; gas installation, South Western Gas Board; myko floors, Bath & Portland Stone Firms Ltd.; roof decking, Turners Asbestos Cement Co. Ltd.; roof covering, Neuchatel Asphalte Co. Ltd.; metal windows, James Gibbons Ltd.; reconstructed stone, F. J. Moore Ltd.; reinforcement, The Square Grip Reinforcement Co. Ltd.; facing bricks, Proctor & Lavender Ltd.; sanitary fittings, Adamseel Ltd.

Three Storey Esaimform Flats, Plymouth. (Page 648.) Flats designed by: Sidney Greenwood, A.R.I.B.A. Architect (supervisory) H. J. W. Stirling, A.R.I.B.A.; City architect, F. Napp, A.R.I.B.A.; Deputy city architect, A. C. Harris, A.R.I.B.A.; Chief assistant, D. Hunt, A.R.I.B.A., Principal assistant housing; Stoke House site assistant, W. R. Solomon; Ross Street site assistant, W. R. Walker, A.R.I.B.A. General contractors: John Laing & Sons Ltd. Sub-contractors: precast hollow flooring, Concrete Ltd.; fireplace surrounds, South Western Flooring Co. Ltd.; gas installation, South Western Gas Board; fires and back boilers, Henry Lawry Ltd.; hardwood surrounds, Pratten & Co.; window permavents, Greenwood's and Airvac Ventilating Co. Ltd.; metal windows and door frames, The Crimmo Manufacturing Co. Ltd.; pitchmastic flooring, Val de Travers Asphalte Paving Co.; sanitary fittings, David Sale Ltd.; electrical installation, Yeldon and Gardiner; fuel hopper doors, The Stopper Manufacturing Co. Ltd.; ironmongery, Lockerbie & Wilkinson Ltd.; staircase balustrading and balcony railings, J. Ford Engineers (Plymouth) Ltd.; balcony facing brick, Western Counties Brick Co.

Factory Canteen, for Tecalemit Ltd., Plymouth. (Pages 649-650.) Architects: H. F. Walls, A.R.I.B.A.; C. H. P. Pearn, A.R.I.B.A. Assistant architect; G. F. Spray. General contractors: Tecalemit Ltd. Sub-contractors: steelwork, Blight & White Ltd.; steel reinforcement, B.R.C. Engineering Co. Ltd.; heating installation, Freeman Heating Co.

Ltd.; sound installation, General Electric Co. Ltd.; light fittings, General Electric Co. Ltd.; steel windows, Williams & Williams Ltd.; terrazzo flooring, South Western Flooring Co.; solid fuel cookers, Aga Heat Ltd.; kitchen equipment, Benham & Sons Ltd.; reconstructed stonework, Wharf Lane Concrete Co. Ltd.; facing bricks, Taunton Brick Co.; woodblock floor, Jewsons Ltd.; sanitary goods, Gardiner & Son Ltd.; asphalt, The Limmer & Trinidad Lake Asphalte Co. Ltd.; thermo-plastic tiles, Neuchatel Asphalte Co. Ltd.; roof lights, Mexboro Ltd.; patent glazing, Williams & Williams Ltd.; dome light, Pilkington Bros. Ltd.; extract plant, Freeman Heating Co. Ltd.; hand-railing, Woodrow Metals Ltd.; radiator grills, Edmund Metal Works Ltd.; counter shutters, G. Brady & Co. Ltd.; food lifts, Keighley Lifts Ltd.; paint, L. Berger & Co.

Houses at Efford, Plymouth. (Page 650.) Architects: H. F. Walls, A.R.I.B.A.; C. H. P. Pearn, A.R.I.B.A. General contractors: Tecalemit Ltd. Sub-contractors: facing bricks, Taunton Brick Co. Ltd.; metal windows, Williams & Williams Ltd.; thermo plastic tiles, Neuchatel Asphalte Co. Ltd.; roof tiles, Barnstable Brick & Tile Co.; hardwood blocks, Jewsons Ltd.; sanitary goods, H. Ede & Co.

Ambulance Sub-station, Crownhill, Plymouth. (Page 650.) Architects: H. F. Walls, A.R.I.B.A.; C. H. P. Pearn, A.R.I.B.A. Quantity surveyors: Smith & Bowl, F.R.I.C.S. Heating consultants: Hoare, Lea & Partners. General contractors: J. W. Spencer Ltd. Sub-contractors: precast concrete, J. Moore; slate cills, The Bow Slate Co.; Enamel Co. Ltd.; aluminium decking and felt roofing, William Briggs & Sons Ltd.; ironmongery, Dryad Metal Works Ltd.; steel lockers, Sankey Sheldon Ltd.; heating installation, hot and cold water installation, Johnson Baxter (Plymouth) Ltd.; electrical installation, W. G. Heath & Co. Ltd.; electrical fittings, General Electric Co. Ltd.; petrol tank & pump, Shell-Mex & B.P. Ltd.; steelwork, Blight & White Ltd.; transverse floor units, Hoare Bros.; facing bricks, Western Counties Brick Co.; hardwood blocks, Jewsons Ltd.; thermo-plastic tiles, Neuchatel Asphalte Co. Ltd.; sanitary goods, H. Ede & Sons Ltd.; suspended ceilings, Anderson Construction Co. Ltd.; sliding door gear, P. C. Henderson Ltd.

New Laundry Unit for Millbay Laundry, Cleaning & Dyeing Co. Ltd. (Page 650.) Architects: H. F. Walls, A.R.I.B.A.; C. H. P. Pearn, A.R.I.B.A. Assistant architect: G. F. Spray. Quantity Surveyors: H. S. Haughton & Partners. General contractors: A. N. Coles (Contractors) Ltd. Sub-contractors: steelwork, Blight & White Ltd.; reinforcement, B.R.C. Engineering Co. Ltd.; asphalt, The Limmer & Trinidad Lake Asphalte Co. Ltd.; bricks, Western Counties Brick Co.; asbestos cavity decking and sheeting, Turners Asbestos Cement Co. Ltd.; metal windows, Hope Bros.; thermo-plastic flooring, Neuchatel Asphalte Co.; piling, Pressure Piling Co. Ltd.; granite steps, Mexboro Ltd.; fascia letters, Ward & Co.; staircase balustrading, Gardiner & Son Ltd.; St. Aubyn Engineering Works Ltd.; pressed steel gutters, Woodrow Metals Ltd.; heating installation, J. Ford & Co.; electrical installation, J. W. Heath & Co.; patent glazing, W. H. Heywood & Co. Ltd.; folding door gear, P. C. Henderson Ltd.; wall ventilators, Supervents Ltd.

Factory (First Stage) for the Fairymaid Knitwear Co., St. Marychurch, Torquay. (Page 651.) Architects: H. J. Hammick, F.R.I.B.A. General contractors: A. N. Coles. Sub-contractors: heating, G. N. Haden & Sons; steelwork and roof coverings, Blight & White Ltd.; special zinc-treated valley gutters, Woodrow Metals Ltd.; thermo-plastic floors, The Marble Tile Co.; sanitary fittings (supplied by) F. Russell & Co. Ltd.; metal windows and roof glazing, Henry Hope.

House for Vyvyan Salisbury, F.R.I.B.A., Zanzig, St. Issey, Wadebridge, Cornwall. (Page 652.) Architect: Vyvyan Salisbury, F.R.I.B.A. General contractors: T. E. Davey & Son.

House for Doctor, St. Michael's Hospital, Hayle, Cornwall. (Page 652.) Architect: Vyvyan Salisbury, F.R.I.B.A. General contractors: N. C. Jory & Son.

Combined Public Convenience & Shelter, Port Cornwall, Cornwall. (Page 652.) Architect: Vyvyan Salisbury, F.R.I.B.A. General contractors: Hughes & Wills Ltd.

New Parsonage, St. Columb Major, nr. Newquay. (Page 654.) Architect: C. R. Corfield & Son, F.R.I.B.A. General contractor: Rogers & Christian.

House for Dr. S. D. Killen, Par. (Page 654.) Architect: C. R. Corfield & Son, F.R.I.B.A. General contractor: St. Austell Builders.

House for S. G. Lindon, Falmouth. (Page 654.) Architect: C. R. Corfield & Son, F.R.I.B.A. General contractor: Strongman of Falmouth.

House for J. A. Miller at Penpol. (Page 654.) Architect: C. R. Corfield & Son, F.R.I.B.A. contractor: R. J. Mitchell & Son.

Tretherras County Secondary School, Newquay. (Page 658.) Architect: Sydney Gregson, F.R.I.B.A., Cornwall County Architect. Consulting engineers: E. Winfield-Bowles & Partners. General contractors: A. N. Coles (Contractors) Ltd. Sub-contractors: heating installation, Johnson & Baxter (Plymouth) Ltd.; electrical installation, Drake & Gorman (Contractors) Ltd.; steelwork, Blight &

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Torpoint, Carbeile County Primary Junior School. (Page 658.) Architect: Sydney Gregson, F.R.I.B.A., Cornwall County Architect. Consulting engineers: Hoare, Lea & Partners. General contractors: A. Long. Sub-contractors: heating installation, Johnson & Baxter (Plymouth) Ltd.; electrical installation, Madge & Son; steelwork, Blight & White Ltd.; metal windows and doors, Rowe Bros. & Co. Ltd.; sanitary fittings, Adamsez Ltd.; w.c. partitions, Venesta Ltd.; roofing, D. Anderson & Son Ltd., The Universal Asbestos Manufacturing Co. Ltd., Stramit Boards Ltd.; cloakroom fittings, Cloakroom Equipment Ltd.; flooring, Viger Bros. Ltd., The Neuchatel Asphalt Co. Ltd.; artificial stone and blockwork, The Central Cornwall Concrete & Artificial Stone Co. Ltd.

Cornwall Technical College, Trevenson, Camborne, Cornwall. (Page 658.) Architect: Sydney Gregson, F.R.I.B.A., Cornwall County Architect. Consulting engineers: E. Wingfield-Bowles & Partners. General contractors: Carkeek & Sons Ltd., The Bristol Aeroplane Co. Ltd. Sub-contractors: heating installation, Z. D. Berry & Sons Ltd.; electrical installation, Rashleigh Phipps & Son Ltd.; structural steelwork, Blight & White Ltd.; aluminium windows, ironmongery and cloakroom fittings, James Gibbons Ltd.; sanitary fittings, Adamsez Ltd.; special facing concrete blocks and precast units, The Central Cornwall Concrete & Artificial Stone Co. Ltd.; w.c. cubicles, Flexo Plywood Industries Ltd.; accotile flooring, The Neuchatel Asphalt Co. Ltd.; chromphait flooring, Bright's Asphalt Contractors Ltd.; roofing, D. Anderson & Sons Ltd.; asbestos decking units, Universal Asbestos Manufacturing Co. Ltd.; kitchen equipment, R. V. Heming Ltd.

Announcements

Raglan Squire, F.R.I.B.A., & Partners have opened an office at the B.O.C. College of the University of Rangoon. Their address is c/o P.O. Box 1256, Rangoon, Burma, where they will be pleased to receive trade catalogues, etc.

R. Alan Lambourn, A.R.I.B.A., Architect, c/o The Kuwait Oil Co. Ltd., Ahmadi, Kuwait, Persian Gulf, would like to receive trade catalogues in duplicate, and where possible, f.o.b. London prices and present delivery prospects.

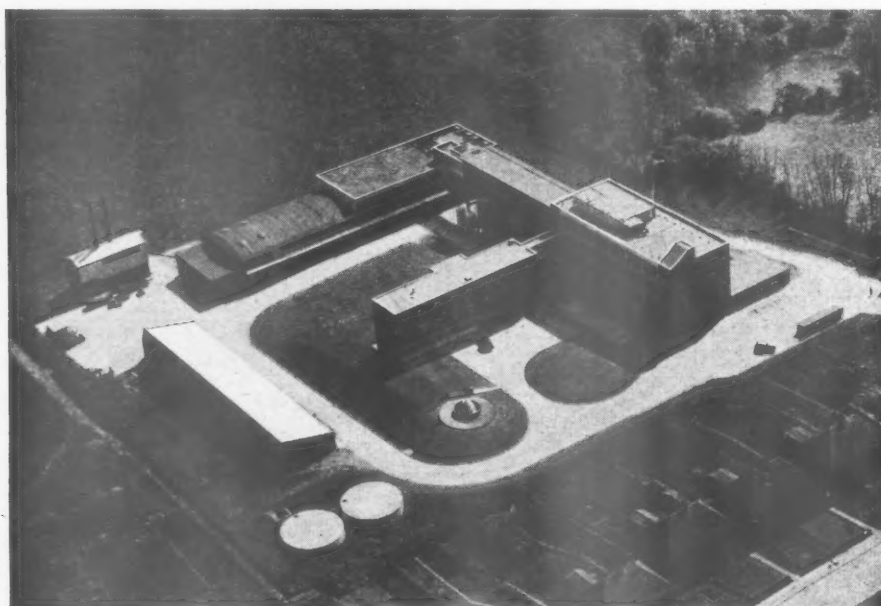
A. V. Harwood, A.R.I.B.A., has been appointed architectural assistant, and L. Douglas, quantity surveyor to the County Borough of Tynemouth at the Borough Surveyor's Office, Northumberland Square, North Shields.

Max Lock, F.R.I.B.A., has taken into partnership his former associates: Messrs. G. J. Easton, A.R.I.B.A., G. W. King, A.R.I.B.A., and L. J. Perlston, A.R.I.B.A. The practice continues at 7, Victoria Square, S.W.1 (Tel.: Victoria 7071), and 5a, Harpur Street, Bedford (Tel.: Bedford 5197), under the title of Max Lock and Partners.

Jack W. Stockings, F.R.I.C.S., chartered quantity surveyor of London House, London Street, Norwich, has opened a branch office at Bridge Street, Thetford, Norfolk (Tel.: Thetford 2261).

W. H. Heywood & Co. Ltd. announce the appointment of G. P. Cole as area representative for Gloucestershire, Somerset and South Wales, his office being at Cornwall House, The Promenade, Clifton, Bristol (Tel.: Bristol 38324). They also announce that H. Pensington has been appointed representative for south west Lancs., south west Cheshire, north Staffs and north Wales, his address being Exchange Buildings, Sefton House, Liverpool (Tel.: Liverpool Central 4214).

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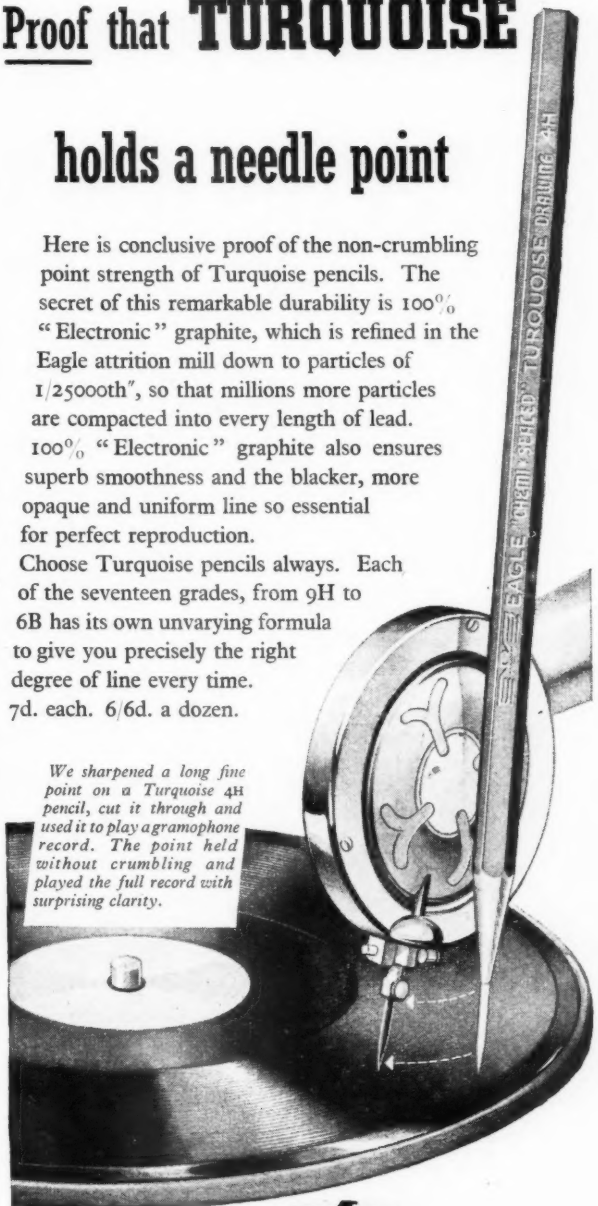
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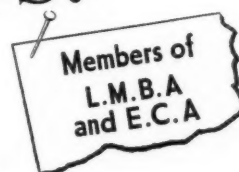


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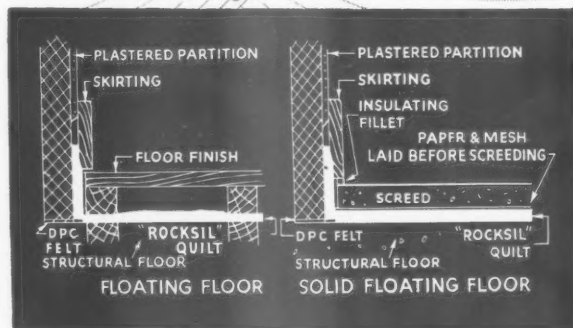
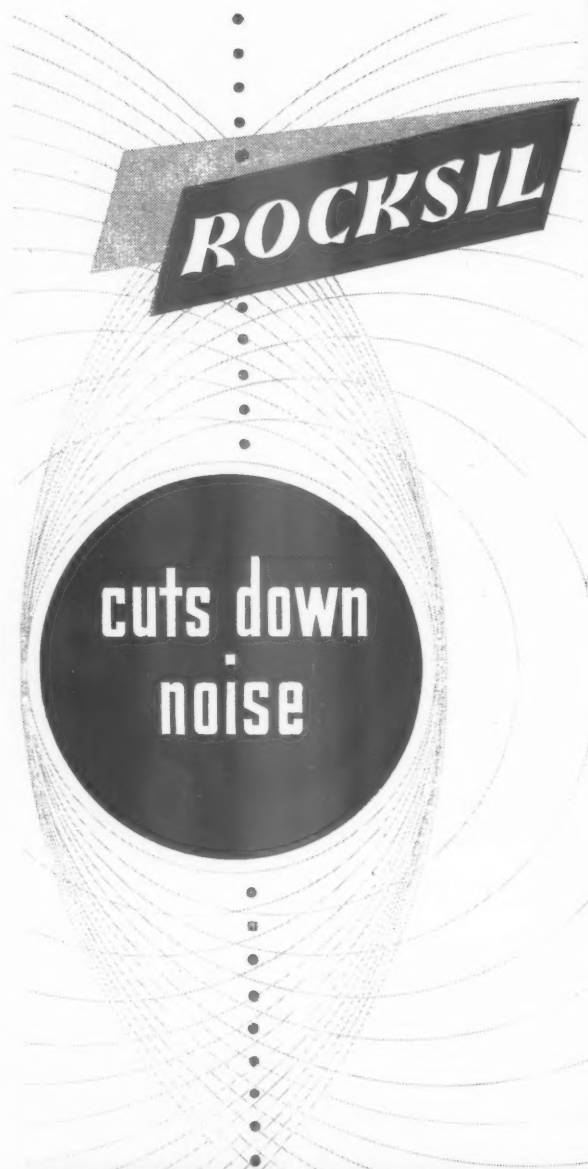


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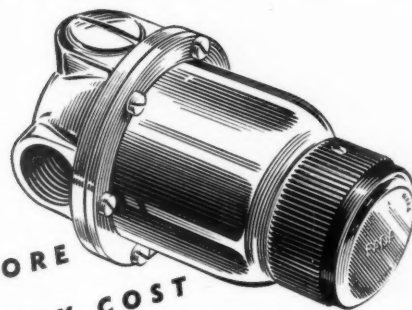
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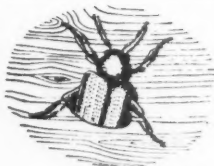


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(ABOVE) Nurses' Recreation Room, 30' span by approx. 100' long. (Photo: courtesy Paddington Hospital Management Committee.)

(TOP) Hall's prefabricated partitions and standard lining to walls and underside of roof. (Photo: courtesy No. 10 Group B. Wakefield Hospital Management Committee.)

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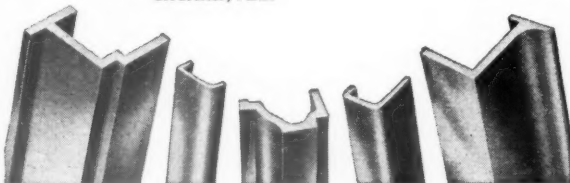
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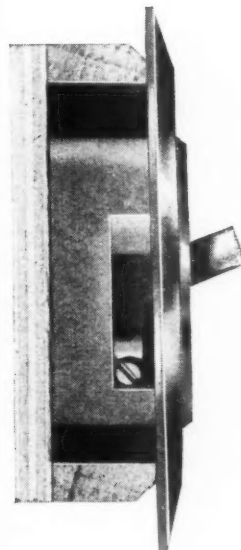
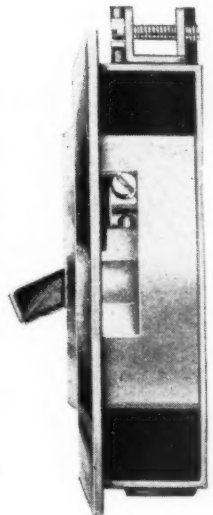


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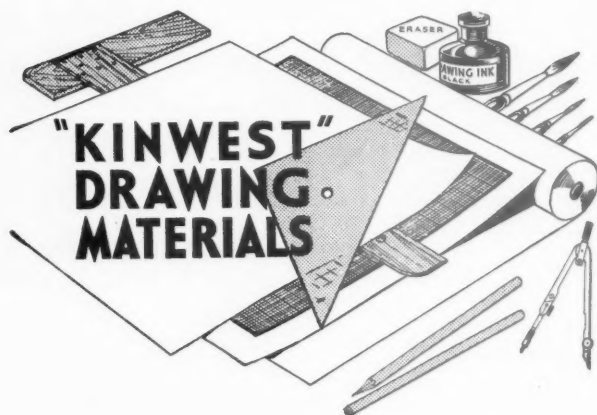
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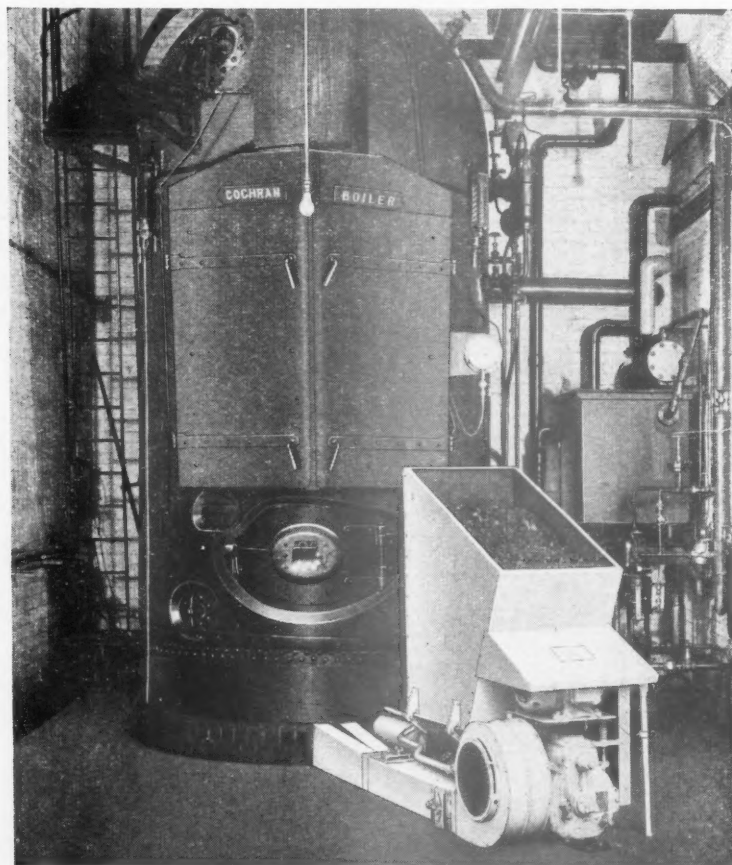
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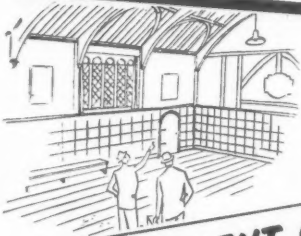
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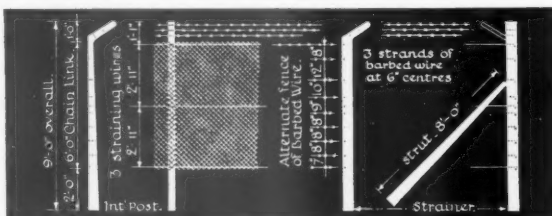
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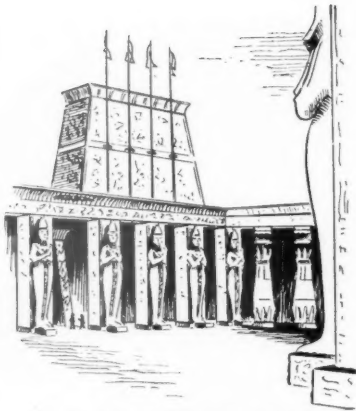
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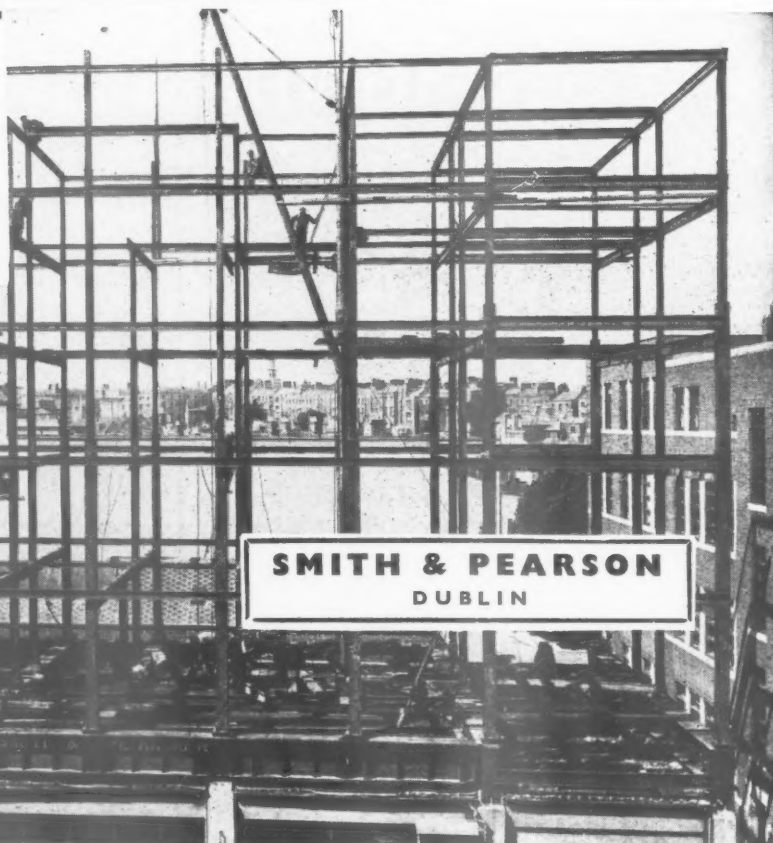
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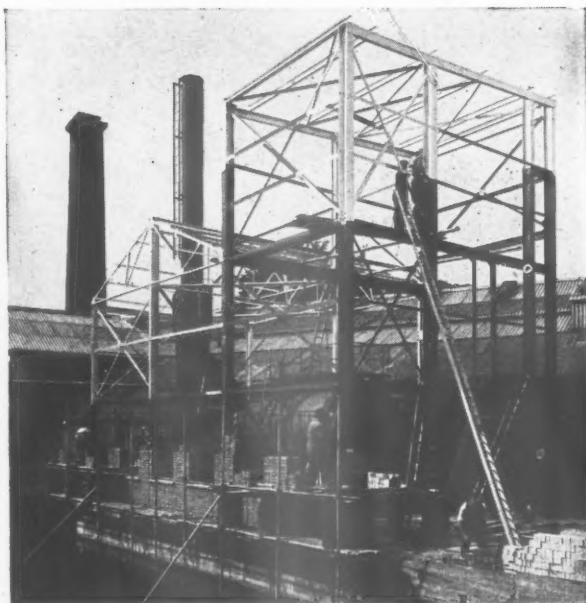
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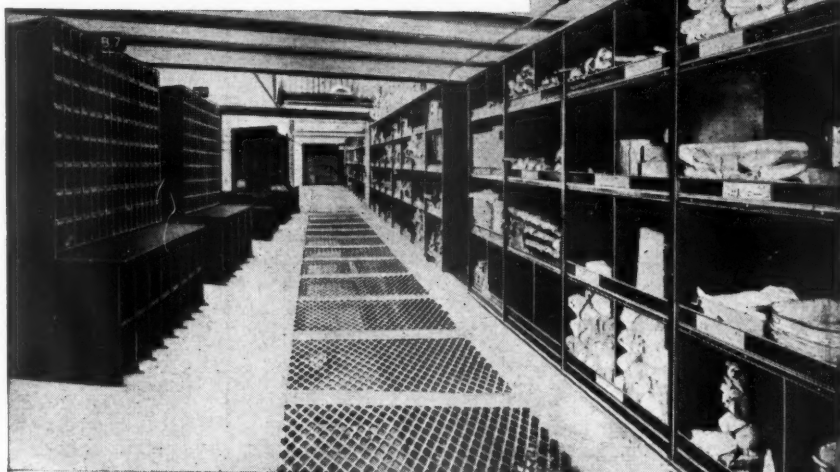
Modern Architectural Design by
Howard Robertson
P.R.I.B.A., S.A.D.G.

The Architectural Press, 9-13 Queen Anne's Gate London SW1

THIS NEW EDITION of *Modern Architectural Design*, which is, in a sense, a companion volume or sequel to the author's well-known *Principles of Architectural Composition*, has been very largely rewritten, entirely reset and newly illustrated. It is not a plea for the so-called modern movement but is a penetrating and constructive analysis of the design problems which face the practising architect and student of the present day. Mr. Robertson combines theory and experience gained from practice in a lively and stimulating discussion of present-day problems of planning, structure, materials and decoration. His text is thoroughly illustrated with photographs and drawings of the most interesting modern buildings in Europe and America. Size 8½ ins. by 5½ ins. 228 pages illustrated with half-tone and line illustrations. Price 25s. net, postage 7d.

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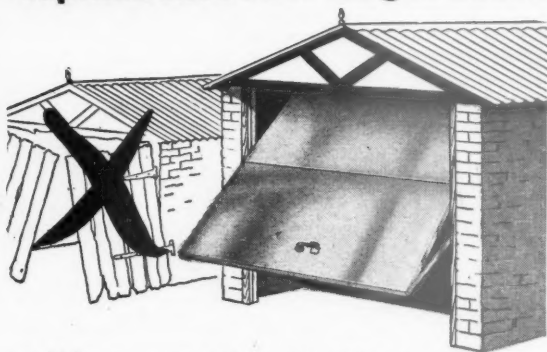
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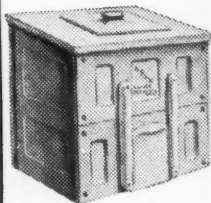
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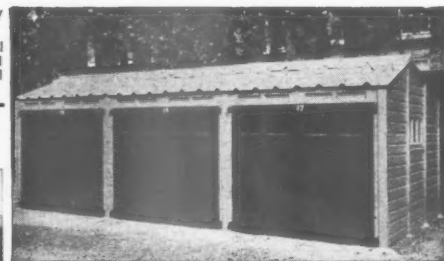


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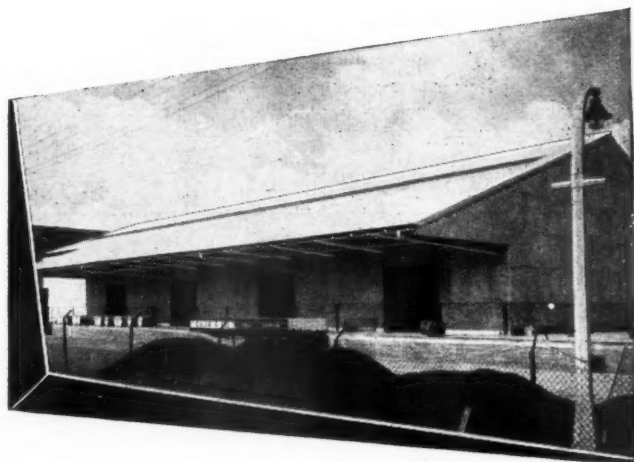
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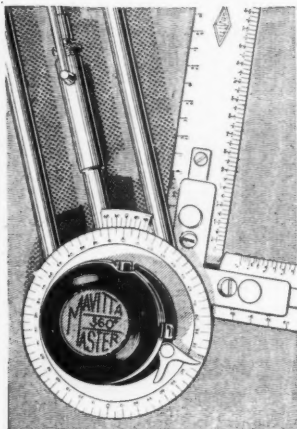
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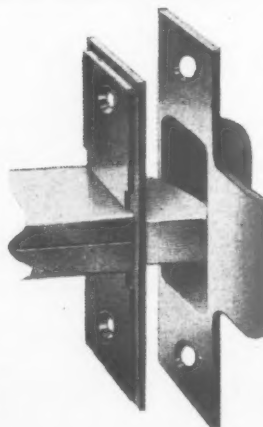
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Advertisements should be addressed to the Advt. Manager, "The Architects' Journal," 9, 11 and 13, Queen Anne's Gate, Westminster, S.W.1, and should reach there by first post on Friday morning for inclusion in the following Thursday's paper.

Replies to Box Numbers should be addressed care of "The Architects' Journal," at the address given above.

Public and Official Announcements

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The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she or the employment, is exempted from the provisions of the Notification of Vacancies Order, 1962.

MINISTRY OF WORKS.

Vacancies exist in the Chief Architect's Division, in London, Cambridge, Colwyn Bay and Bristol for ARCHITECTURAL ASSISTANTS. Must have had at least three years' architectural training, one year's experience in an architect's office and be of Inter. R.I.B.A. standard.

London salary: Up to £670 per annum. Starting pay up to £580 per annum according to age and experience. Salary outside London slightly lower. Although not established posts, many have long-term possibilities. Reasonable promotion prospects, competitions held periodically for establishment.

State age, nationality and full details of training and experience to W.G. 10/C.A.4, Ministry of Works, Abell House, John Islip Street, London, S.W.1. 2075

CITY OF OXFORD.
CITY ARCHITECT AND PLANNING
OFFICER'S DEPARTMENT.

Applications are invited for the undermentioned posts on the Permanent Staff:—

(1) CHIEF PLANNING ASSISTANT. Grade VIII-IX A.P.T. Division (£785 × £25(3) × £40(3) —£960 per annum).

The successful applicant will be required to take charge of the Town Planning Section of the Department, and should have had a wide experience of Town Planning practice.

Candidates must be qualified Members of the Town Planning Institute and additional qualifications will be an advantage.

A Car Allowance (Essential User) on the Council's Scale will be payable to the successful applicant.

(2) PLANNING ASSISTANT. Within the range Grade V-VI A.P.T. Division. (£630 × £15(2) × £20(1) × £20(2) × £25(1) —£760 per annum, according to experience).

The successful applicant will be required to undertake varied duties in the Planning Section of the Department, must have had experience in the planning work of a Local Authority and be a qualified Member of the Town Planning Institute.

Housing accommodation, if required, will be provided by the Council.

The appointments will be subject to the National Conditions of Service and the Local Government Superannuation Act 1937, and the successful candidates will be required to pass a medical examination.

Forms of application, and conditions of appointment, may be obtained from E. G. Chandler, A.R.I.B.A., A.M.T.P.I., City Architect and Planning Officer, Town Hall, Oxford, to whom completed forms must be returned not later than Saturday the 5th June, 1954.

HARRY PLOWMAN.

Town Clerk. 2631

COUNTY BOROUGH OF SWANSEA.
LOCAL EDUCATION AUTHORITY.
TO BUILDERS.

Tenders are invited for the erection of a new Primary School at Forest Hall, Swansea. Drawings and General Conditions of Contract may be inspected at the Borough Architect's Office, The Guildhall, Swansea, to whom application by builders wishing to tender should be made with a deposit of Five Pounds on or before Wednesday, 9th June, 1954. Bills of Quantities, when ready, will be issued only to those who so apply. The deposit will be refunded after delivery of a bona-fide Tender (not subsequently withdrawn) and the return of all documents.

Tenders must be delivered to me on or before the date stated in the Form of Tender and in accordance with the directions to be issued.

No guarantee is given that the lowest or any other tender will be accepted.

T. B. BOWEN.

Town Clerk.

The Guildhall,
Swansea.
21st May, 1954. 2749

EAST SUSSEX COUNTY COUNCIL.
COUNTY PLANNING OFFICE.

PLANNING ASSISTANT required on the permanent staff on N.J.C. Scale A.P.T. IV. Preference will be given to candidates with Inter. R.I.B.A. and some architectural experience. Particulars and form of application from County Planning Officer, County Hall, Lewes, to be returned not later than the 7th June. 2632

CITY OF PETERBOROUGH.
ARCHITECTURAL ASSISTANT, Grade A.P.T. III.

Applications are invited for the above appointment in the City Engineer's Department. Applicants must be of Intermediate R.I.B.A. Standard, possess a sound knowledge of building construction and be capable of preparing working and detail drawings under supervision. Previous experience on School buildings will be an advantage.

Applications, stating age, experience, details of qualifications, together with copies of three recent testimonials, should be sent in envelopes endorsed "Architectural Assistant" to Mr. F. J. Smith, M.B.E., A.M.I.C.E., City Engineer & Surveyor, Town Hall, Peterborough, to reach him not later than 4th June, 1954.

Canvassing, directly or indirectly will disqualify. Candidates must disclose whether they are related to any member or senior officer of the Council.

C. PETER CLARKE.

Town Clerk.

Town Hall, Peterborough.
May, 1954. 2611

NOTTINGHAMSHIRE COUNTY COUNCIL.
COUNTY PLANNING DEPARTMENT.

APPOINTMENT OF ASSISTANT ARCHITECT.

Applications are invited for the appointment of ASSISTANT ARCHITECT. Salary £736-£810 per annum. Applicants must be qualified Architects and membership of the Town Planning Institute would be an advantage. Experience in the design and grouping of buildings, the re-development of built-up areas and the preparation of housing layouts required.

Further particulars from County Director of Planning, Shire Hall, Nottingham, to whom applications must be sent by 11th June, 1954. Canvassing disqualifies.

A. R. DAVIS.

Clerk of the County Council. 2610

STEVENAGE DEVELOPMENT CORPORATION.
Applications are invited for the following posts in the Chief Architect's Department:—

(a) ASSISTANT QUANTITY SURVEYOR.

Salary grade: £625 × £30 —£700.

Candidates should be suitably qualified, with some "taking-off" experience.

(b) JUNIOR QUANTITY SURVEYORS. Two vacancies. Salary grades: £475 × £25 —£540, £540 × £25 —£600, or £605 × £25 —£645 per annum, according to experience.

Candidates should be suitably qualified and able to "work-up" Bills of Quantities.

Housing accommodation will be available in due course in appropriate cases.

Applications, giving details of experience and names of two referees, should be sent to the Chief Administrative Officer, Aston House, near Stevenage, Herts., not later than Tuesday, 8th June, 1954. 2636

NORTHAMPTON.

BOROUGH ARCHITECT'S DEPARTMENT.
(a) ASSISTANT ARCHITECT (HOUSING).

A.P.T. V (£620-£670).

(b) ARCHITECTURAL ASSISTANTS. A.P.T. III (£550-£595) (two temporary posts).

(c) JUNIOR ARCHITECTURAL ASSISTANT (EDUCATION). A.P.T. I (£490-£535).

(d) JUNIOR ARCHITECTURAL ASSISTANTS (General Division) (two posts).

Particulars of appointments and Forms of Application, to be returned by 4th June, may be obtained from the Borough Architect, Guildhall, Northampton. 2652

HOLLAND COUNTY COUNCIL.
APPOINTMENT OF DEPUTY COUNTY
ARCHITECT.

Applications are invited from Associates of the Royal Institute of British Architects with local government experience for the appointment of Deputy County Architect. Salary £1,250 × £50 —£1,450. Conditions and particulars from Clerk of the County Council, County Hall, Boston, Lincs. Last date for applications, 30th June, 1954. The County Architect will retire in January, 1956. 2672

NOTTINGHAMSHIRE COUNTY COUNCIL.
COUNTY PLANNING DEPARTMENT.

PLANNING ASSISTANT required. Salary £580-£625 p.a. Applicants should have passed the Intermediate examination of the Town Planning Institute or be exempt, and have had experience of Development Plan work in County Areas.

Further particulars from County Director of Planning, Shire Hall, Nottingham to whom applications must be submitted by 11th June, 1954. Canvassing will disqualify.

A. R. DAVIS.

Clerk of the County Council. 2687

BOROUGH OF NUNEATON.

Qualified ARCHITECTURAL ASSISTANT required. Grade A.P.T. V (£620-£670).

Housing accommodation provided.

Particulars from Town Clerk Council House, Nuneaton. 2653

COVENTRY CORPORATION require ARCHITECTURAL ASSISTANTS Grade A.P.T. IV (£580-£625) to V (£630-£670) (Registration essential Grade V salary). £25 p.a. local award payable under approved circumstances. Application forms and particulars from D. E. E. Gibson, Bull Yard, Coventry, returnable by 12th June. 2676

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Applications are invited for this appointment in the Surveyor's Department. Salary A.P.T. Division, Grade III or IV, according to experience. Applicants must have passed the intermediate examination of the R.I.B.A. or its equivalent. Consideration will be given to offering housing accommodation to the successful candidate. Applications, on forms to be obtained from the Surveyor, Council Offices, Billericay, must reach the undersigned not later than 11th June, 1954.

A. HATT.

Clerk of the Council.

Council Offices,

Billericay,

Essex. 2768

CITY ARCHITECT'S DEPARTMENT.
EDINBURGH.

Applications are invited for the undermentioned vacancies:—

(1) ASSISTANT ARCHITECT, A.P.T., Va (£660-£720). Candidates must be qualified by examination.

(2) ARCHITECTURAL ASSISTANTS, A.P.T., IV/V (£580-£680). Candidates must have passed the Intermediate stage of an examination recognised by the Architects' Registration Council for the U.K.

(3) TEMPORARY TECHNICAL ASSISTANTS (£450 per annum), with experience in Architect's drawing office.

(4) QUANTITY SURVEYOR, A.P.T., VII (£745-£820). Must be A.R.I.C.S. by examination, and have had good general experience of preparing schedules and negotiating final accounts.

(5) QUANTITY SURVEYING ASSISTANTS, A.P.T., III/IV (£550-£625), and A.P.T., II/III (£520-£595), qualified by examination to Intermediate I.C.S. standard.

Applications, giving full details of experience and qualifications, and stating clearly to which vacancy it refers, should be in the hands of the undersigned within 14 days from the appearance of this advertisement.

A. STEELE.

City Architect. 2769

City Chambers, Edinburgh, 1.

BOROUGH OF HORNSEY.

TEMPORARY ARCHITECTURAL ASSISTANT required for Borough Engineer and Surveyor's Department. A.P.T., V-VI (£650-£790, including London weighting). Commencing salary according to experience.

Application Form from Borough Engineer and Surveyor, Tower Hall, Crouch End, N.8, to be returned by 10th June, 1954.

H. BEDALE.

Town Clerk. 2770

COUNTY BOROUGH OF DUDLEY.

ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant, Grade IV, in the department of the Borough Architect.

Applicants must have passed the Intermediate Examination of the R.I.B.A.

Applications, stating age, experience, and giving the names of two referees, to reach me not later than Saturday, the 19th June, 1954.

P. D. WADSWORTH.

Town Clerk. 2771

Council House, Dudley.

ISLE OF ELY COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the under-mentioned appointments on the staff of the County Architect:—

(a) ASSISTANT QUANTITY SURVEYOR, A.P.T. IV/V (£580-£670 p.a.).

(b) ENGINEERING ASSISTANT (ELECTRICAL), A.P.T. IV (£580-£625 p.a.).

(c) ENGINEERING ASSISTANT (HEATING), A.P.T. IV (£580-£625 p.a.).

All posts are subject to the National Scheme of Conditions of Service, the Local Government Superannuation Act, and to a medical examination.

Intending applicants should apply for forms, stating for which post they wish to apply, to the County Architect, County Hall, March, to whom they must be returned not later than Tuesday, 15th June, 1954.

R. F. G. THURLOW.

Clerk of the County Council. 2772

CUMBERLAND COUNTY COUNCIL.

ASSISTANT ARCHITECTS (THREE).

Three required, who should be Associate Members of the R.I.B.A., preferably with experience in a Local Authority Architectural Department. N.J.C. service conditions; salary within Grade V (£620 to £670); post pensionable; medical examination.

Applications, on form obtainable from John H. Haughan, F.R.I.B.A., County Architect, 15, Portland Square, Carlisle, to be received by him not later than 12th June, 1954.

Canvassing disqualifies.

G. N. C. SWIFT.

Clerk of the County Council. 2736

NATIONAL COAL BOARD—WEST MIDLANDS DIVISION.

ARCHITECT, GRADE II.
Applications are invited for an Architect, Grade II (£600 × £25 to £650 × £30 to £900 male, and £575 × £20 to £775 female), in the Divisional Architect's Department of the Board. Headquarters for this appointment will be at Fenton, Stoke-on-Trent.

Applicants must have passed the Final Examination of the Royal Institute of British Architects, and have had at least one year's subsequent practical experience, and should be able to prepare sketch plans, working drawings and specifications. Duties include large Scale Colliery Surface Building Reconstruction work. The post will be eligible for the Board's Superannuation Scheme.

Applications should be sent to the Divisional Establishment Officer, National Coal Board, West Midlands Division, Himley Hall, Dudley, Worcs. 2773

AUCKLAND UNIVERSITY COLLEGE (UNIVERSITY OF NEW ZEALAND). SCHOOL OF ARCHITECTURE.

Applications are invited for the post of SENIOR LECTURER IN TOWN PLANNING. The basic salary attaching to the position is £1,000 per annum, rising by annual increments of £50 to £1,200. This is supplemented by a generally authorised cost-of-living allowance of £92 8s. per annum.

An allowance is made towards the cost of travelling expenses. Further particulars and information as to the method of application may be obtained from the Secretary, Association of Universities of the British Commonwealth, 5, Gordon Square, London, W.C.1.

The closing date for the receipt of applications, in New Zealand and London, is 31st July, 1954. 2774

PERTH AND KINROSS JOINT COUNTY COUNCIL require one SENIOR ASSISTANT ARCHITECT. Salary: £660-£770, with placing. House available. Applicants must be fully qualified A.R.I.B.A. and have up-to-date experience of School Building work. Particulars and forms of application from the County Clerk, County Offices, York Place, Perth. Applications to be lodged by 14th June, 1954. 2775

LINDSEY COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Vacancy on the permanent staff for:—

(a) SENIOR ASSISTANT ARCHITECT, A.P.T., VI (£595-£760). Candidates must be A.R.I.B.A.

(b) ASSISTANT, A.P.T., IV (£580-£625). Candidates must have passed Intermediate R.I.B.A.

(c) JUNIOR ASSISTANT, A.P.T., I (£490-£535). Candidates should be of Intermediate standard and with some period of office practice.

(d) HEATING ASSISTANT, A.P.T., V (£620-£670).

(e) ASSISTANT QUANTITY SURVEYOR, A.P.T., Va and VI (£650-£760). Candidates must be A.R.I.C.S.

N.J.C. Conditions of Service. Canvassing will disqualify. Candidates must disclose in writing whether to their knowledge they are related to any member or senior officer of the Council.

Applications, stating age, qualifications and experience, with the names of two persons to whom reference can be made, to be sent to the undersigned by 7th June, 1954.

A. RONALD CLARK, A.R.I.B.A., A.M.T.P.I.,

County Offices, Lincoln. 2734

NORTHAMPTONSHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

CHIEF ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment at a salary on Grade A.P.T., IX (£840-£960 per annum). Candidates must have had professional and administrative experience in local government service. They should be Associates of the R.I.B.A. and should be capable of controlling technical and administrative staff. Training at one of the recognised schools of architecture would be an asset.

Forms of application, giving further particulars, may be obtained from the County Architect, County Hall, Northampton, to whom applications should be sent by Friday, 18th June.

J. ALAN TURNER,

Clerk of the County Council,

County Hall, Northampton. 2737

COUNTY BOROUGH OF BURY.

ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of an ARCHITECTURAL ASSISTANT in the Borough Engineer's Department. Salary up to Grade A.P.T., V (£620-£670), National Scales of Salaries, according to qualifications and experience.

The appointment is subject to the Local Government Superannuation Act, 1937, and medical examination.

Applications, stating age, details of training, qualifications and experience, together with the names and addresses of two persons to whom reference may be made, must be received by me not later than the 5th June, 1954.

EDWARD S. SMITH,

Town Clerk.

Town Hall, Bury. 2738

20th May, 1954.

RHONDDA URBAN DISTRICT COUNCIL.

APPLICATIONS are invited from Registered Architects for the appointment of ASSISTANT ARCHITECT in the Department of the Council's Housing Architect at a salary in accordance with Grade A.P.T., VI. (£695 × £20/£25-£760).

Applicants should have sound General Architectural experience, must be good draughtsmen, and preference will be given to Associates of the Royal Institute of British Architects.

The appointment will be terminable by one month's notice on either side and will be subject to the National Scheme of Conditions of Service. The successful candidate will be required to pass a medical examination and will contribute to the Council's Superannuation Fund.

Applications on Forms to be obtained from the Housing Architect, Mr. C. Gingell, A.R.I.B.A., A.R.I.C.S., 13, Ystrad Road, Pentre, Rhondda, accompanied by two recent testimonials, are to be sent to the undersigned, in plain envelopes endorsed "Assistant Architect" so as to arrive not later than MONDAY 21st JUNE, 1954.

D. J. JONES,

Clerk of the Council.

Council Offices,

Pentre, Rhondda.

19th May, 1954. 2753

BOROUGH OF NELSON.

ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant in the office of the Borough Engineer at a salary in accordance with A.P.T., Grade IV, of the National Scales of Salaries (£580-£625 per annum).

The applicants must be Students of the R.I.B.A., and preferably Associates of R.I.B.A. They should have experience in housing design, supervision, surveys, specifications, and general work.

Applications, giving details of experience and qualifications, and endorsed "Architectural Assistant," together with copies of three recent testimonials, should be received by the undersigned not later than Saturday, 12th June, 1954.

F. W. ROBERTS,

Town Clerk.

Town Hall, Nelson.

18th May, 1954. 2739

AIR MINISTRY WORKS DEPARTMENT.

requires ARCHITECTURAL ASSISTANTS in Design Branch. Applicants should be experienced in planning and preparation of working drawings and details for permanent and semi-permanent buildings. Professional qualifications an advantage.

Vacancies mainly London few Provinces. Appointments carry liability for overseas service for which allowances payable. Salaries up to £780 p.a. for men, £618 for women. Starting pay dependent upon age, qualifications, and experience. Extra duty allowance or overtime payable. Reasonable prospects of promotion. Posts temporary and non-pensionable but have long term possibilities.

Competitions held periodically to fill established vacancies. Applications from natural born British subjects only, quoting A/C and stating age, qualifications, and previous appointments, giving dates and stating types of work done, to Air Ministry, S.2(h)/NA, Cornwall House, Stamford Street, London, S.E.1. 2748

WAR DEPARTMENT.

C.R.E. SHOEBOURNESS.

ARCHITECTURAL ASSISTANTS.

1. Vacancies exist on the establishment of the Commander, Royal Engineers, for Architectural Assistants—Males.

2. In addition to the usual draughtsman's qualification, applicants should be capable of preparing detailed working drawings and be able to survey and level.

3. Applications are invited from persons between the ages of 21 and 50 years.

4. Salaries payable will be from £360 p.a. at age 21 to £500 per annum at age of 28 or over, subject to deductions for provincial service ranging from £20 per annum to £30 a year at the maximum. All basic salaries carry at present an addition of 10% "cost of living bonus."

5. Letters of application giving details of age, experience and qualifications should be addressed to:—

C.R.E. Shoebourness,

Old Ranges,

Shoebourness,

Essex. 2752

WILTSHIRE COUNTY COUNCIL invite applications for superannuable post of ASSISTANT ARCHITECT. Salary: £620-£670. Applicants should be Registered Architects. Application forms obtainable from County Architect, County Hall, Trowbridge, should be returned within 14 days of the appearance of this advertisement.

P. A. SELBORNE STRINGER,

Clerk of the County Council. 2740

HACKNEY BOROUGH COUNCIL invite applications from Registered Architects for the appointment of an ASSISTANT ARCHITECT. Salary offered within A.P.T. Division, Grades Va-VI (£650-£760 per annum), plus London weighting allowance.

Preference will be given to candidates with experience in the design and construction of Municipal housing schemes and public buildings.

Apply to Town Clerk, Town Hall, Hackney, E.8, for application form. 2735

SOUTH WEST METROPOLITAN REGIONAL HOSPITAL BOARD.

Applications are invited for the following appointment on the permanent staff of the Regional Architect:—

Assistant Architect. The commencing salary will be within the scale £600 × £25 (7) × £30 (3) — £865 plus London Weighting Allowance of £30 p.a. (age 26 and over) rising to £40 p.a. at salary of £801 p.a. Applicants must be Associate Members of the Royal Institute of British Architects, capable of preparing working and detail drawings and specifications and supervising work on individual projects. Experience of Hospital planning and construction an advantage.

Applications stating age, experience, qualifications, present appointment and salary together with the names and addresses of three referees to be sent to the Secretary (S.2), South West Metropolitan Regional Hospital Board, 11A, Portland Place, London W.1, marking the envelope "Architectural Staff," not later than 18th June, 1954. 2750

NORFOLK COUNTY COUNCIL.

CHIEF ASSISTANT COUNTY PLANNING OFFICER—Salary A.P.T. Grade VIII (£785-£860).

Applicants should be corporate members of the Town Planning Institute and/or possess a Degree or Diploma in Town and Country Planning or an allied subject, and should also possess a recognized qualification in architecture, surveying, engineering or an allied subject. Considerable experience of all aspects of the work of a Local Planning Authority desirable. Successful applicant required to pass medical examination for superannuation purposes; to reside in or near Norwich, and to provide and maintain a motor car, for the use of which a travelling allowance will be payable in accordance with the County Council Scale. National Joint Council for A.P.T. Staffs service conditions apply.

Forms of application which must be completed and returned not later than 19th June, 1954, can be obtained from H. Oswald Brown, Esq., Clerk of the County Council, County Offices, Thorpe Road, Norwich. 2751

COUNTY BOROUGH OF READING.

CLERK OF WORKS—HOUSING.

Applications are invited for the temporary appointment for a minimum period of two years, of a CLERK OF WORKS in connection with the erection of traditional Council houses. Salary, £550 by annual increments of £25 to £600 per annum. The appointment will be subject to one month's notice on either side.

Applicants must have had experience in the supervision of building works, use of a dumpy level, setting out, measuring up, checking materials and general duties in connection with the erection of houses, fencing, drainage and site works.

Applications, stating age, details of experience, and date when duties can be commenced, together with names of two persons to whom reference can be made, should be received by the Borough Architect, Town Hall, Reading, not later than Saturday, the 12th June, 1954. The Corporation cannot provide housing accommodation.

G. F. DARLOW,

Town Clerk.

Town Hall, Reading. 2725

28th May, 1954.

CITY OF LEICESTER.

Applications are invited for the appointment of MAINTENANCE ASSISTANT in the City Surveyor's Department. The salary will be in accordance with Grade A.P.T., IV-VI (£580-£760), according to qualifications and experience, and the appointment is subject to the provisions of the Local Government Superannuation Act, 1937.

Applicants should have a good knowledge of architectural practice, and be experienced in the maintenance of buildings, preparation of specifications and plans.

No housing accommodation can be offered. Application forms may be obtained, and should be returned to the undersigned not later than Tuesday, 1st June, 1954.

JOHN L. BECKETT, M.Inst.C.E.,

City Surveyor.

Town Hall, Leicester. 2705

CITY OF BIRMINGHAM.

BUILDING BY DIRECT LABOUR.

The House Building Committee invite applications from suitably qualified persons for the appointment of GENERAL MANAGER of a new Department to be set up for building by direct labour.

The person appointed must have extensive technical and practical experience of the building trade and, if he is at present employed by a local authority, of building by direct labour.

The salary range for the appointment is £1,600 × £100-£2,000 and the successful candidate will commence at a point within that range to be determined according to his qualifications and experience.

The appointment is superannuable, is subject to the Conditions of Service as adopted by the City Council, and to 3 months' notice on either side. The successful candidate will be required to pass a medical examination.

Further particulars of the duties, etc., may be obtained from the undersigned. Applications for the appointment must reach me not later than 14th June, 1954.

Canvassing will disqualify.

J. F. GREGG,

Town Clerk.

The Council House, Birmingham, 1. 2723

18th May, 1954.

BOROUGH OF LOWESTOFT. APPOINTMENT OF SENIOR ARCHITECTURAL ASSISTANT.

Applications are invited for the permanent appointment of a Senior Architectural Assistant in the Borough Engineer and Surveyor's Department. Salary: A.P.T., V (£620-£670 per annum). Applicants for the appointment must be capable of preparing designs, working and detailed drawings and specifications for housing work and general building work executed by Contractor or Direct Labour. Preference will be given to applicants who are neat and expeditious draughtsmen, and who are in possession of a recognised technical qualification.

The Corporation will give all possible assistance towards the provision of housing accommodation for the successful candidate. The appointment will be subject to the passing of a medical examination for superannuation purposes, to one month's notice on either side, and to the provisions of the National Conditions of Service.

Applications, stating age, qualifications, present and past appointments and full details of experience, together with the names and addresses of two persons who are prepared to testify to the applicant's ability and experience, must be delivered in a plain sealed envelope suitably endorsed so as to reach the Town Clerk, Town Hall, Lowestoft, not later than 12 noon on 14th June, 1954.

Candidates for the appointment shall, when making application, disclose whether they are related to any member of, or the holder of any senior office under, the Corporation.

Canvassing in any form will disqualify.

F. B. NUNNEY,

Town Clerk.

Town Hall, Lowestoft.

17th May, 1954.

2704

CITY AND COUNTY OF NEWCASTLE-UPON-TYNE.

CITY ARCHITECT'S DEPARTMENT.

The City Architect will be pleased to receive applications from suitably qualified Architects for vacancies on A.P.T. Division, Grades IV (£580-£625), V (£620-£670), and VI (£695-£760).

The appointments will be subject to the provisions of the Local Government Superannuation Act, 1937, and to one month's notice on either side. Successful candidates will be required to pass a medical examination.

Applications, stating position applied for, age, particulars of training, qualifications, experience, present and past appointments, together with copies of two recent testimonials or the names and addresses of two persons to whom reference may be made, should be addressed to George Kenyon, A.R.I.B.A., A.M.T.P.I., City Architect, 18 Cloth Market, Newcastle-upon-Tyne, 1, not later than THURSDAY, 10th JUNE, 1954.

JOHN ATKINSON,

Town Clerk.

Town Hall, Newcastle-upon-Tyne, 1.

17th May, 1954.

2719

ARCHITECT.

Willenhall U.D.C. invite applications for the post of ARCHITECT at a salary in the range £900-£1,100. The post is subject to superannuation Act conditions of service of Joint Negotiating Committee for Chief Officers and one month's notice. Applicants must be Associates of the Royal Institute of British Architects and have had wide experience in architectural design and construction, particularly of houses. Applications stating age, qualifications, experience, present and past appointments, two referees and whether applicant is related to any member or senior officer of the Council must reach the Clerk of the Council, Town Hall, Willenhall, Staffs., by 12th June, 1954.

2724

COUNTY BOROUGH OF BOOTLE.

SCHOOL BUILDING PROGRAMME.

Applications are invited for the appointment of an ASSISTANT ARCHITECT at a salary in accordance with Grade A.P.T. Va-£650-£710 per annum.

Preference will be given to those having considerable experience on the design and planning of schools and the appointment will be of a temporary nature for a minimum period of three years.

Application forms are obtainable from the Borough Surveyor, Town Hall, Bootle, to whom they should be returned by Friday, 4th June, 1954.

HAROLD PARTINGTON,

Town Clerk.

NORTH THAMES GAS BOARD.

An ARCHITECTURAL ASSISTANT is required in the Drawing Office of the Chief Engineer's Department, Westminster.

Applicants should have passed the R.I.B.A. Final Examination, should be capable of preparing working drawings and specifications and supervising the work on contracts. Experience in Design and Planning of industrial buildings would be an advantage.

Starting salary, depending on age and qualifications, will be within the range of £595-£715 per annum, and the successful candidate will be required to join the Staff Pension Scheme.

Applications, stating age and giving full details of qualifications and experience, should be sent to the Staff Controller, North Thames Gas Board, 30, Kensington Church Street, London, W.8, quoting reference 666/159.

2706

HER MAJESTY'S COLONIAL SERVICE.

RESIDENT ARCHITECT.

PUBLIC WORKS DEPARTMENT, KENYA.

To administer and take charge of contracts in connection with large African housing scheme near Mombasa, including the programming and integration of all work, such as earth moving, drainage, water supply, roads and building. Technical site supervision for whole period of construction required.

Appointment will be on contract for one tour of 3 years in the salary range £655-£1,320 per annum; point of entry determined by war service and approved experience. Gratuity at the rate of 13½ per cent. of total substantive salary drawn payable on termination of contract. Cost of living allowance of 35 per cent. of salary subject to maximum of £250 per annum.

Free passages on appointment and on leave for officer, his wife and children up to a maximum cost of three adult passages. Leave at rate of 4½ days for each month of resident service.

Candidates between the ages of 28 and 50 must be A.R.I.B.A. with at least 5 years' post graduate experience, must be conversant with contract procedure and have a good knowledge of materials and construction. Experience of site supervision and the organisation of large housing schemes is essential. A knowledge of sewerage and road construction work will be an advantage.

Apply in writing to the Director of Recruitment, Colonial Office, Great Smith Street, London, S.W.1, giving briefly age, qualifications and experience. Mention the reference No. BCD 12/701. Close date for receipt of initial inquiries 28th June, 1954.

2720

LONDON COUNTY COUNCIL.

SENIOR ASSISTANT (ARCHITECTURAL).

In the construction division of Parks Department. Candidates must be experienced qualified Architects, capable of initiating and carrying through surveys, sketch schemes, working drawings and specifications for varied types of buildings and constructional works for parks and open spaces, and supervising drawing office staff and site works in progress. Salary scale: £862-£1,027. Application forms from Chief Officer, Parks Department, Old County Hall, Spring Gardens, S.W.1. (600)

2692

DEVON COUNTY COUNCIL.

APPOINTMENT OF COUNTY ARCHITECT.

Applications are invited for the above-mentioned appointment from Fellows or Associate Members of the Royal Institute of British Architects at a salary of £2,300 rising by £100 to £2,600 per annum.

Further particulars and form of application may be obtained from the undersigned to whom applications should be delivered by not later than 25th June, 1954.

Canvassing, either directly or indirectly, will operate as a disqualification.

H. G. GODSALL,

Clerk of the County Council.

The Castle, Exeter.

2722

CIVIL SERVICE COMMISSION, DUBLIN.

POSITIONS VACANT. TEMPORARY ASSISTANT ARCHITECTS (14) IN THE OFFICE OF PUBLIC WORKS. RATE OF PAY: Man: £11 19s. 7d.-£16 3s. 6d. a week; Woman: £9 13s. 7d.-£13 2s. 7d. a week with higher starting pay in certain cases. MAXIMUM AGE LIMIT: 40 years with extensions in certain cases. Application forms and further particulars from the Secretary, Civil Service Commission, 45, Upper O'Connell Street, Dublin. LATEST DATE FOR ACCEPTING COMPLETED APPLICATION FORMS: 11th JUNE, 1954.

2721

Architectural Appointments Vacant

4 lines or under. 7s. 6d.; each additional line, 2s.

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she or the employment, is exempted from the provisions of the Notification of Vacancies Order, 1952.

REQUIRED for Architects' office, Central London area, young qualified ASSISTANTS interested in design and construction. Write, stating experience and salary required. Box 2325.

SENIOR AND JUNIOR ARCHITECTURAL ASSISTANTS and Draughtsmen or women required in busy office in the Home Counties. Some experience essential. Large varied practice. Please state experience and salary required. Box 2137.

A SENIOR ARCHITECTURAL ASSISTANT required, full experience in preparation of Working Drawings, Details and supervision of office and Industrial Buildings in the London Area. Good knowledge of construction and design essential. Apply in writing giving full particulars of qualifications, age, experience and salary required to Box 9829.

ARCHITECTURAL ASSISTANTS required for busy practice engaged upon schools, industrial buildings, offices, etc. Write, giving full particulars of qualifications, experience and salary required, to Johns & Slater, F.A.R.I.B.A., 32, Foundation Street, Ipswich. 1536

SENIOR ARCHITECTURAL ASSISTANT, with 3 to 5 years' experience, required immediately. 5-day week. Write to Messrs. J. M. Sheppard & Partners, 38, Bedford Place, W.C.1, giving particulars of age, qualifications, experience, and salary required. 2776

ARCHITECT (salary: £900-£1,000) for busy North Midlands office. Must be mature, well trained, energetic, and have good personality. All duties of a provincial office. Accommodation found. Applications to Box 2778.

CO-OPERATIVE WHOLESALE SOCIETY, LTD., ARCHITECTS' DEPARTMENT, LONDON.

APPLICATIONS are invited for the following appointments:—

(a) ASSISTANT ARCHITECTS, of Intermediate and Final R.I.B.A. standard (salary range: £320-£680 per annum, according to age and experience), for work on varied and interesting projects.

(b) SHOPFITTING DRAUGHTSMAN. Applicants should have wide experience in store planning and design.

The appointments are permanent and pensionable, and offer prospects of up-grading.

Applications, stating age, experience, qualifications and salary required, to W. J. Reed, F.R.I.B.A., Chief Architect, Co-operative Wholesale Society, Ltd., 99, Leman Street, London, E.1. 2754

SENIOR ARCHITECTURAL ASSISTANT.

With comprehensive experience of the design of flats required to develop a specialised system of construction. A basic knowledge of reinforced concrete with ability at presentation of designs an advantage. Apply to Box 2777.

BIRMINGHAM firm of Chartered Architects requires SENIOR ASSISTANT for carrying out a variety of interesting work. Write, stating experience and salary required, to Box 2493.

ARCHITECTURAL DRAUGHTSMAN required, with experience in industrial buildings, offices, welfare and canteen buildings, or drawing office of large works on north-east coast. Age 25 or upwards. Reply stating qualifications, experience, salary expected and when at liberty, to Box 2598.

YOUNG office-trained ASSISTANT required for Norfolk office. Car driver; competent surveyor; draughtsman and detailer. Knowledge of final accounts a distinct advantage. Apply with details of experience and salary required, to Box 2586.

ARCHITECTURAL DRAUGHTSMAN required in Wembley district. Reply in writing stating age and salary required. Box 2570.

ARCHITECTURAL ASSISTANTS, Senior and Intermediate, required for general commercial practice. Office experience essential. Full particulars to:—Healing & Overbury, Chartered Architects, Rodney Lodge, Cheltenham. 2630

ARCHITECTURAL DRAUGHTSMAN required in Architect's Department of large North-in-onshire Industrial Concern. The department is responsible for the design of Offices, Amenities, Medical and Laboratory Buildings. The appointment is permanent and a Pension Scheme and other amenities are available. Applicants must be capable draughtsmen with a good knowledge of modern construction and finishes. Write stating age, details of training and experience, and salary required, to Box 2619.

ARCHITECTURAL ASSISTANT between Inter. and Final standard, required in Reading office of Chartered Architects. Applicant must be capable of preparing working drawings, details and specifications. Salary £450 to £500. All details to Box 2618.

ARCHITECTURAL ASSISTANTS, qualified and intermediate standard, required at once in Midland offices. A fair for contemporary design necessary, and T.P. qualifications or experience would be an asset. Salary up to £550 p.a. Reply Box 2647.

JUNIOR ASSISTANT required in Architects' Office at Reading. Knowledge of Industrial and commercial work an advantage. Good prospects. Apply Sainsbury and Chamberlain, L./F.R.I.B.A., 14, Cross Street, Reading. 2651

ECCLESIASTICAL ARCHITECT has vacancy for an ASSISTANT of Intermediate Standard who would be interested in old and new church work. Lawrence H. Bond, 11, Elmer Street, Grantham, Lincs. 2650

SENIOR ASSISTANT required in London Office, General Practice. Must be capable from sketch design to final account. Salary in region of £750 according to capabilities. Write stating age and experience to Box 2648.

ARCHITECTURAL ASSISTANT required in London Office, Varied Practice. Must be a neat and accurate Draughtsman and capable of working with minimum supervision. Apply giving full details of experience and salary required to Box 2649.

A.R.I.B.A. required age around 30, possibility of a Junior Partnership. Must be prepared to spend one month abroad three times a year. Apply Box 2666.

ARCHITECTURAL ASSISTANTS required, up to Intermediate standard and also one required up to Final standard. Considerable variety of work. Reply stating age, experience, and salary required, to Graham Crump & Denis Crump, F.A.R.I.B.A., 43, George Street, Croydon, Surrey. 2711

ARCHITECTURAL ASSISTANT required for varied work in small busy office in Potters Bar, about Intermediate stage, but good rapid draughtsmanship and private office experience is more important. Please write briefly stating experience and salary required to Booth & Booth, Leighton House, Potters Bar, Middx. 2678

QUANTITY SURVEYOR required for Architects' Office in Huddersfield Area. State age, qualifications, experience and salary required. Box 2668.

ARCHITECTS require ASSISTANTS—qualified, intermediate and junior standard. Application should be made in writing, stating age, qualifications and details of education, etc., to Willink & Dod, Cunard Building, Liverpool. 2730

ASSISTANT required, with experience of specifications, sub-contracts, final accounts, materials and specialists' fittings. Also knowledge of construction and draughtsmanship. Write to Messrs. J. M. Sheppard & Partners, 38, Bedford Place, W.C.1, giving particulars of age, experience, and salary required. 2696

SENIOR ARCHITECTURAL ASSISTANT, A.R.I.B.A., required for Head Office, Bristol. Keen interest in contemporary design, sound knowledge of construction, and first-class draughtsmanship essential. Good prospects. Apply in writing, giving details of experience and salary required. Angus McDonald & Partners, A./A.R.I.B.A., 1, Unity Street, Bristol, 1. 2697

S.E. KENT—Young Student R.I.B.A. wanted for small Provincial Practice. Commonsense and keenness and the wish to become qualified are essential. State salary, please, and references. Box 2698.

F. W. WOOLWORTH & CO., LTD., Architect's Department, King Street, Dudley, require young live Architect's Assistant, A.R.I.B.A. or equivalent qualification essential to fill post as CHIEF ASSISTANT to Company's Architect. Responsible position with good prospects. Pension scheme. Write, giving full particulars of age and experience. 2699

ARCHITECTURAL ASSISTANT required by old-established firm of Chartered Surveyors with Architect's Department; capable of running small contracts through all stages with minimum supervision. Permanent position, pensionable, excellent prospects of advancement. Salary approx. £500 p.a., according to qualifications and experience. Apply M. H. Peck, A.R.I.B.A., Surrey House, Commercial Road, Woking, Tel. 3800-3. 2700

ARCHITECTURAL ASSISTANT required, with all round experience, for general practice, W.1 area. Write, with full particulars and salary required, to Box 2717.

PITE, SON & FAIRWEATHER invite applications from ASSISTANT ARCHITECTS for appointment in their office in connection with interesting work on hospitals, schools and housing. Reply by letter to 6, Queen Anne's Gate, giving full particulars of qualifications, experience, and salary required. 2715

LONDON Brewery Company require ARCHITECT, A.R.I.B.A., aged 35-40, with sound knowledge of licensed house design and experience in control of Drawing Office. Good prospects for successful candidate. Superannuation scheme. Reply, with full particulars, stating salary required, to Box 2714.

ARCHITECTURAL ASSISTANTS, Senior and Intermediate standard, required for busy Birmingham office. Apply, stating full details of experience and salary required, Box 2713.

EXPERIENCED ARCHITECTURAL ASSISTANT required in Guildford office, R.I.B.A. Intermediate standard. State age, experience, salary and date available. Box 2732.

ARCHITECTURAL ASSISTANTS, Intermediate standard, required by London Architects with general practice. Office experience essential. Reply, stating age, experience, and salary required, to Box 2710.

MAJOR Building Contractors require the services of ARCHITECTURAL DRAUGHTSMEN for their London office. Must be capable of producing working detail drawings of General Building Construction, and be able to alter existing designs to suit requirements. Speed and accuracy essential. Apply, stating age, experience, and salary required, to Box 2709.

ARCHITECT'S ASSISTANT required in small London office. Able to take charge of small and medium size contracts. Reply, stating experience and salary required, to Box 2708.

ASSISTANT required, Intermediate to Final standard. Office experience essential. Kenchington & Farns, F. & A.R.I.B.A., 130, Crawford Street, W.1. 2707

SENIOR ASSISTANT ARCHITECT, capable of designing and co-ordinating large projects in their initial stages, required by London Contractors for a wide range of work throughout the world. Four-figure salary for suitable applicant. Write Box 7660, c/o Charles Barker & Sons, Ltd., 31, Budge Row, London, E.C.4. 2733

ARCHITECTURAL DRAUGHTSMEN required, preferably with experience in precast concrete and reconstructed stone. Superannuation Scheme. Apply in confidence, with details of previous experience and copies of references to: Deputy Managing Director, The Croft Granite, Brick and Concrete Co., Ltd., Croft, Leics. 2731

VACANCY FOR ARCHITECTS' ASSISTANT. ARCHITECTS' ASSISTANT (male) required in London office. Interesting and varied practice, including housing, licensed premises, hospital, factory and laboratory works. Several years office experience, with R.I.B.A. Intermediate, essential minimum qualifications. Five-day week. Salary £546, per annum, with staff profit sharing scheme in addition. Applications by letter only, giving particulars of training and experience to: Stewart & Hendry, F./F.R.I.B.A., A.M.T.P.I., 90, Fenchurch Street, London, E.C.3. 2728

JUNIOR ASSISTANT required in Architect's Department of City Property Company. Please state age and salary required. Box 2712.

BRIAN PEAKE requires JUNIOR ASSISTANT, about Intermediate standard. Starting salary: £5 per week. 7, Chesterfield Hill, W.1. G.R.O. 7888. 2695

HIGH WYCOMBE firm of Architects requires SENIOR ASSISTANT ARCHITECT, able to take charge of large contracts. Salary according to experience, write giving age and particulars to Box 2726.

ARCHITECTURAL ASSISTANT required immediately for busy country practice. Intermediate Standard desirable. Salary by arrangement. Smith-Woolley and Partners, Collingham (303), Newark, Notts. 2727

ARCHITECTURAL DRAUGHTSMAN, age about 24, required in Westminster Office of large commercial firm. Must be good draughtsman with sound knowledge of building construction. Apply in writing, stating experience and salary required, to Box 2729.

RILEY & GLANFIELD require male ASSISTANT immediately. At least three years' office experience. R.I.B.A. Intermediate standard. Chancery 7328. 2743

EXPERIENCED SENIOR and JUNIOR ARCHITECTURAL ASSISTANTS required, preferably with experience in industrial work. Write or telephone to Hasker & Hall, Architects, 13, Welbeck Street, London, W.1 (Welbeck 0061). 2755

ARCHITECT'S SENIOR ASSISTANT required for busy West Riding office, principally Schools, Brewery and Housing Schemes. Apply by letter, giving details of Age, Qualifications, Experience, Salary required and when available, to Box 2756.

ARCHITECTURAL ASSISTANT required immediately, inter-final standard. Interesting and varied work including schools, hotels and housing. Apply stating experience and salary required, to Ruddle and Wilkinson, Architects, Long Causeway Chambers, Peterborough. Telephone No. Peterborough 5248/9. 2757

ASSISTANT required. Final R.I.B.A. standard. Experience of industrial work preferred but not essential.—Write T. Mitchell, 20, Bedford Square, W.C.1. 2758

ARCHITECT'S ASSISTANT required by a large Chain Store organization. Commencing salary £600 to £750 per annum according to experience. Staff Canteen Pension Scheme. Write Box AJ 255, L.P.E., 110, St. Martin's Lane, W.C.2. 2759

SENIOR & JUNIOR ARCHITECTURAL ASSISTANTS required immediately. Good salary to suitable applicants. Travelling expenses paid to applicants selected for interview. Full particulars to W. S. Hatfield & Partners, 1, Queen's Road, Coventry. 2761

JUNIOR ARCHITECTURAL ASSISTANT required by J. M. Austin Smith & Partner, 29, Sackville Street, W.1. Write stating particulars, salary by arrangement. 2766

ARCHITECTURAL ASSISTANT required, intermediate standard, for small Architect's Practice, in either the London or S.1. Albans office. Experience in housing or industrial work desirable, but not essential. Should be good draughtsman with knowledge of contemporary design and construction. Write stating age, experience and salary required to Box 2763.

EXPERIENCED ASSISTANT required immediately. Should be quick, accurate draughtsman with sound knowledge of construction and detailing. Please write giving full particulars and salary required to Box 2620.

Architectural Appointments Wanted

SENIOR ARCHITECTURAL ASSISTANT (school trained), 20 years' experience in preparation of working drawings, details, supervision of office and industrial buildings, laboratories, etc.; good knowledge of construction and design, seeks permanent and responsible position in London area. Box 868.

ARCHITECTURAL ASSISTANT, Intermediate and six years' office experience, desires part-time employment in Tyneside area while studying for Finals. Box 2764.

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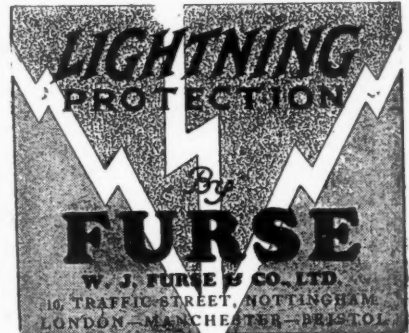
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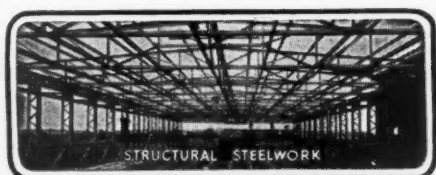
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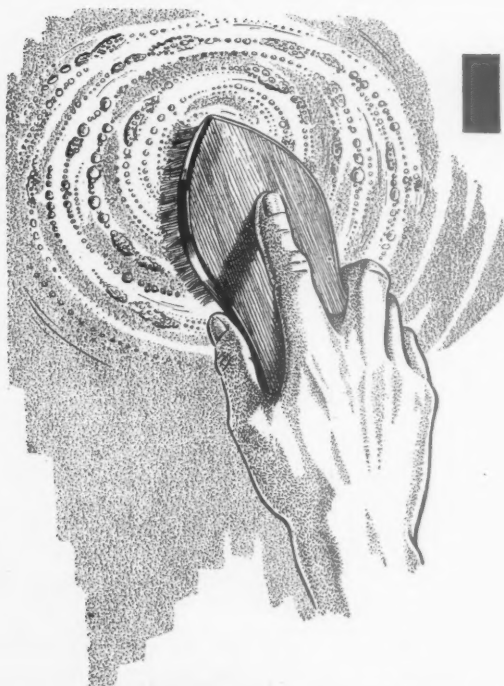


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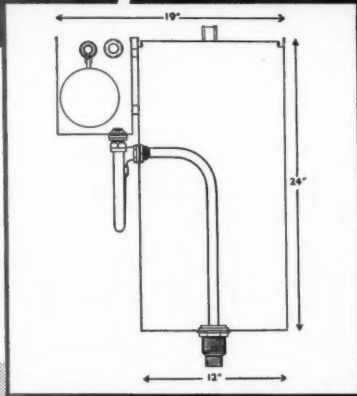
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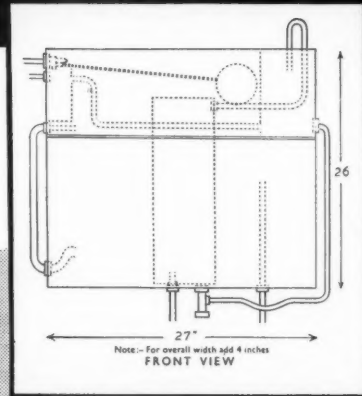


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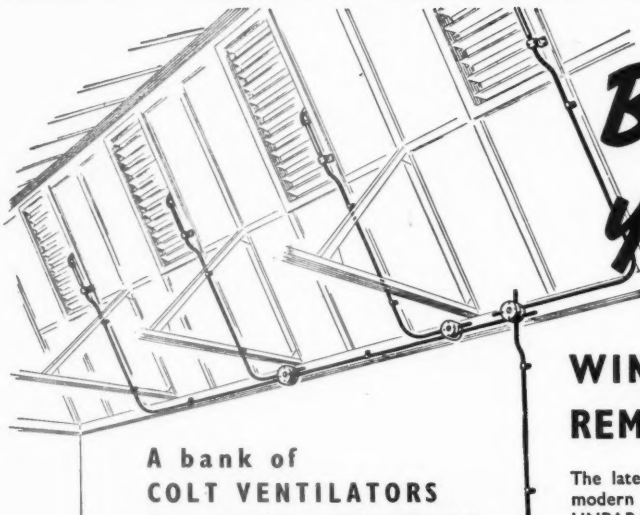
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