

THE ARCHITECTS' JOURNAL

THE ARCHITECTS' JOURNAL DEPARTMENT



standard contents

every issue does not necessarily contain all these contents, but they are the regular features which continually recur.

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★ A glossary of abbreviations of Government Departments and Societies and Committees of all kinds, together with their full address and telephone numbers. The glossary is published in two parts—A to I one week, I to Z the next. In all cases where the town is not mentioned the word LONDON is implicit in the address.

IEE	Institution of Electrical Engineers. Savoy Place, W.C.2.	Temple Bar 7676
IES	Illuminating Engineering Society. 32, Victoria Street, S.W.1.	Abbey 5215
IGE	Institution of Gas Engineers. 1, Grosvenor Place, S.W.1.	Sloane 8606
IHVE	Institution of Heating and Ventilating Engineers. 75, Eaton Place, S.W.1.	Sloane 3158
IIBD	Incorporated Institute of British Decorators. Drayton House, Gordon Street, W.C.1.	Euston 2450
ILA	Institute of Landscape Architects. 12, Gower Street, W.C.1.	Museum 1783
I of Arb.	Institute of Arbitrators, 35/37, Hastings House, 10, Norfolk Street, Strand, W.C.2.	Temple Bar 4071
IOB	Institute of Builders. 48, Bedford Square, W.C.1.	Museum 7197
IR	Institute of Refrigeration. Empire House, St. Martin's-le-Grand, E.C.1.	Monarch 7391
IRA	Institute of Registered Architects. 47, Victoria Street, S.W.1.	Abbey 6172
ISE	Institution of Structural Engineers. 11, Upper Belgrave Street, S.W.1.	Sloane 7128-29
LIDC	Lead Industries Development Council. Eagle House, Jermyn Street, S.W.1.	Whitehall 7264
LMBA	London Master Builders' Association. 47, Bedford Square, W.C.1.	Museum 3891
MARS	MARS Group (English Branch of CIAM). 46, Sheffield Terrace, W.8.	Park 7678
MOA	Ministry of Agriculture and Fisheries. 55, Whitehall, S.W.1.	Whitehall 3400
MOE	Ministry of Education. Belgrave Square, S.W.1.	Sloane 4522
MOH	Ministry of Health. Whitehall, S.W.1.	Whitehall 4300
MOLNS	Ministry of Labour and National Service. St. James's Square, S.W.1.	Whitehall 6200
MOS	Ministry of Supply. Shell Mex House, Victoria Embankment, W.C.	Gerrard 6933
MOT	Ministry of Transport. Berkeley Square House, Berkeley Square, W.1.	Abbey 7711
MOTCP	Ministry of Town and Country Planning. 32-33, St. James's Square, S.W.1.	Whitehall 8411
MOW	Ministry of Works. Lambeth Bridge House, S.E.1.	Reliance 7611
NAMMC	Natural Asphalte Mine-Owners and Manufacturers Council. 94, Petty France, S.W.1.	Abbey 1010
NAS	National Association of Shopfitters. 9, Victoria Street, S.W.1.	Abbey 5277/8
NBR	National Buildings Record. 37, Onslow Gardens, S.W.7.	Kensington 8161
NCBMP	National Council of Building Material Producers. 2, Caxton Street, S.W.1.	Abbey 5111
NFBTE	National Federation of Building Trades Employers. 82, New Cavendish Street, W.1.	Langham 4041
NFBTO	National Federation of Building Trades Operatives, Federal House, Cedars Road, Clapham, S.W.4.	Macaulay 4451
NFHS	National Federation of Housing Societies. 13, Suffolk St., S.W.1.	Whitehall 2881/2/3
NHBRC	National House Builders Registration Council. 82, New Cavendish Street, W.1.	Langham 4041
NHTPC	National Housing and Town Planning Council. 41, Russell Square, W.C.1.	Museum 1264
NPL	National Physical Laboratory. Head Office, Teddington.	Molesey 1380
NRIAD	National Register of Industrial Art Designers. National Gallery, Trafalgar Square, W.C.2.	Whitehall 2415
NSAS	National Smoke Abatement Society. Chandos House, Buckingham Gate, S.W.1.	Abbey 1359
NT	National Trust for Places of Historic Interest or Natural Beauty. 42, Queen Anne's Gate, S.W.1.	Whitehall 0211/2
PEP	Political and Economic Planning. 16, Queen Anne's Gate, S.W.1.	Whitehall 7245
PWB	Post War Building, Directorate of. Ministry of Works, Lambeth Bridge House, S.E.1.	Reliance 7611
RCA	Reinforced Concrete Association. 94, Petty France, S.W.1.	Whitehall 9936
RIAS	Royal Incorporation of Architects in Scotland. 15, Rutland Square, Edinburgh.	Edinburgh 20396
RIBA	Royal Institute of British Architects. 66, Portland Place, W.1.	Welbeck 5721
RICS	Royal Institution of Chartered Surveyors. 12, Great George St., S.W.1.	Whitehall 5322
RFAC	Royal Fine Art Commission. 22a, Queen Anne's Gate, S.W.1.	Whitehall 3935
RS	Royal Society. Burlington House, Piccadilly, W.1.	Regent 3335
RSA	Royal Society of Arts. 6, John Adam Street, W.C.2.	Temple Bar 8274
RSI	Royal Sanitary Institute. 90, Buckingham Palace Road, S.W.1.	Sloane 5134
RIB	Rural Industries Bureau. 35, Camp Road, Wimbledon, S.W.19.	Wimbledon 5101
SBPM	Society of British Paint Manufacturers. 20, Piccadilly, London, W.1.	Regent 6347
SCR	Society for Cultural Relations with the USSR. 98, Gower Street, W.C.1.	Euston 6272/3
SE	Society of Engineers. 17, Victoria Street, Westminster, S.W.1.	Abbey 7244
SFMA	School Furniture Manufacturers' Association. 13, New Square, Lincoln's Inn, W.C.	Chancery 5313
SIA	Structural Insulation Association. 14, Moorgate, London, E.C.2.	Central 4444
SIA	Society of Industrial Artists. Room 243, Empire House, St. Martin's-le-Grand, E.C.1.	Metropolitan 8344
SNTPC	Scottish National Town Planning Council. 11, Drumsheugh Gardens, Edinburgh, 3.	
SPAB	Society for the Protection of Ancient Buildings. 55, Great Ormond Street, W.C.1.	Holborn 2646
TCPA	Town and Country Planning Association. 28, King Street, Covent Garden, W.C.2.	Temple Bar 5006
TDA	Timber Development Association. 75, Cannon Street, E.C.4.	City 6146 (3 lines)
TPI	Town Planning Institute. 18, Ashley Place, S.W.1.	Victoria 8815
TTF	Timber Trades Federation. 81, Cannon Street, E.C.4.	City 1476
WDC	War Damage Commission. Devonshire House, Mayfair Place, Piccadilly, W.1.	Mayfair 8866
WEDA	Welfare Equipment Development Association. 61, St. Paul's Churchyard, E.C.4.	City 4263/4
ZDA	Zinc Development Association. Lincoln House, Turl Street, Oxford.	Oxford 47988

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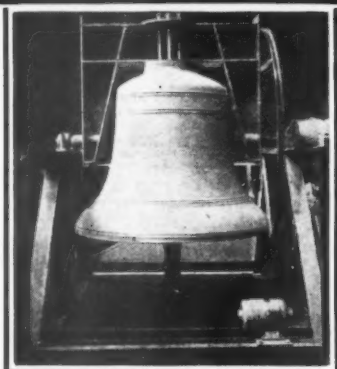
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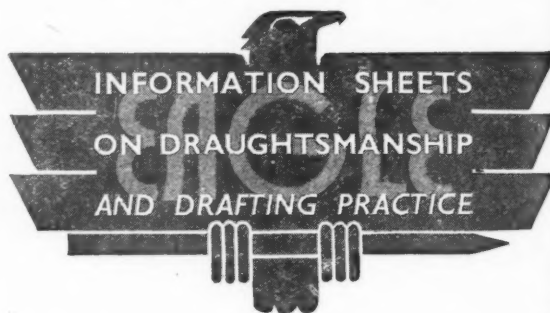
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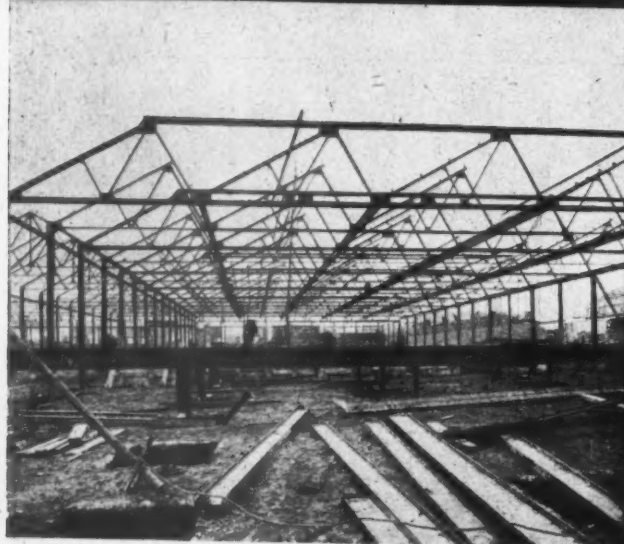
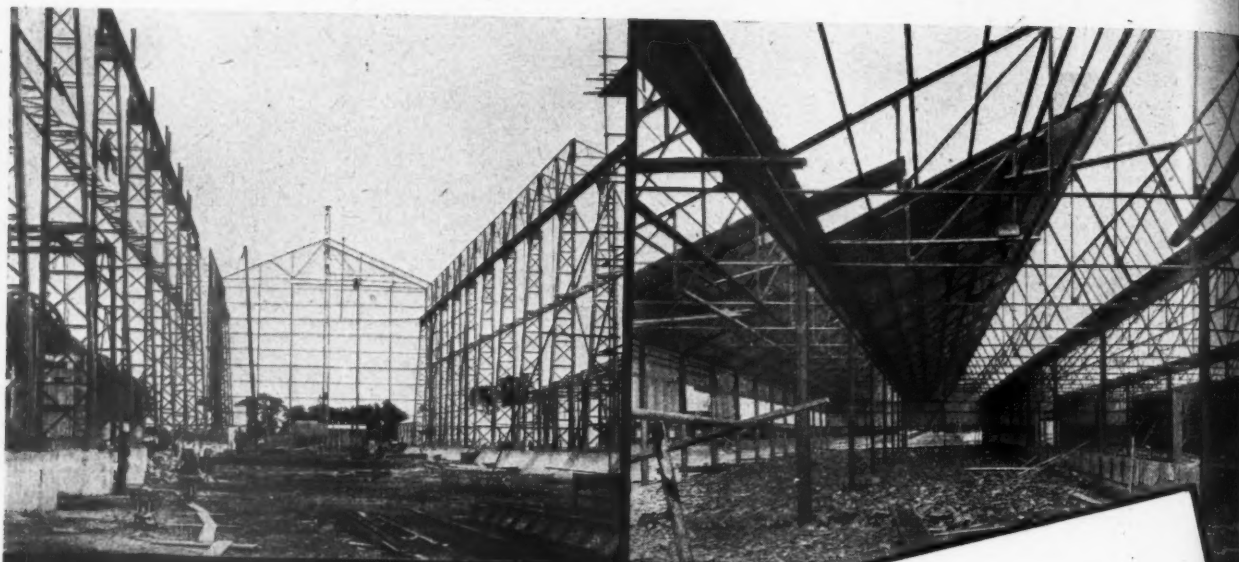
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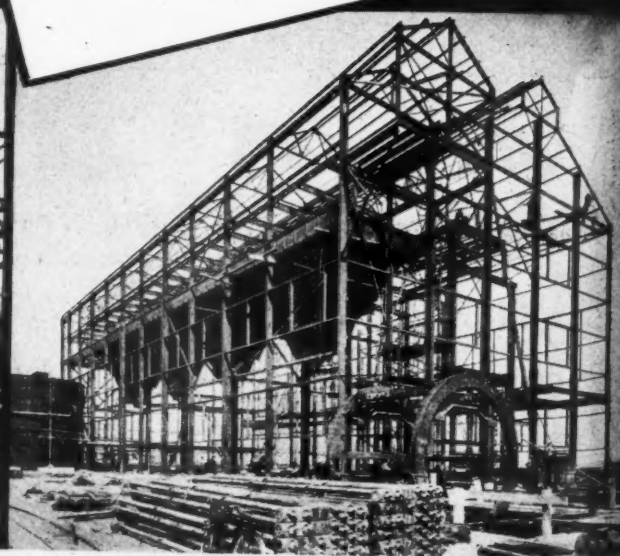
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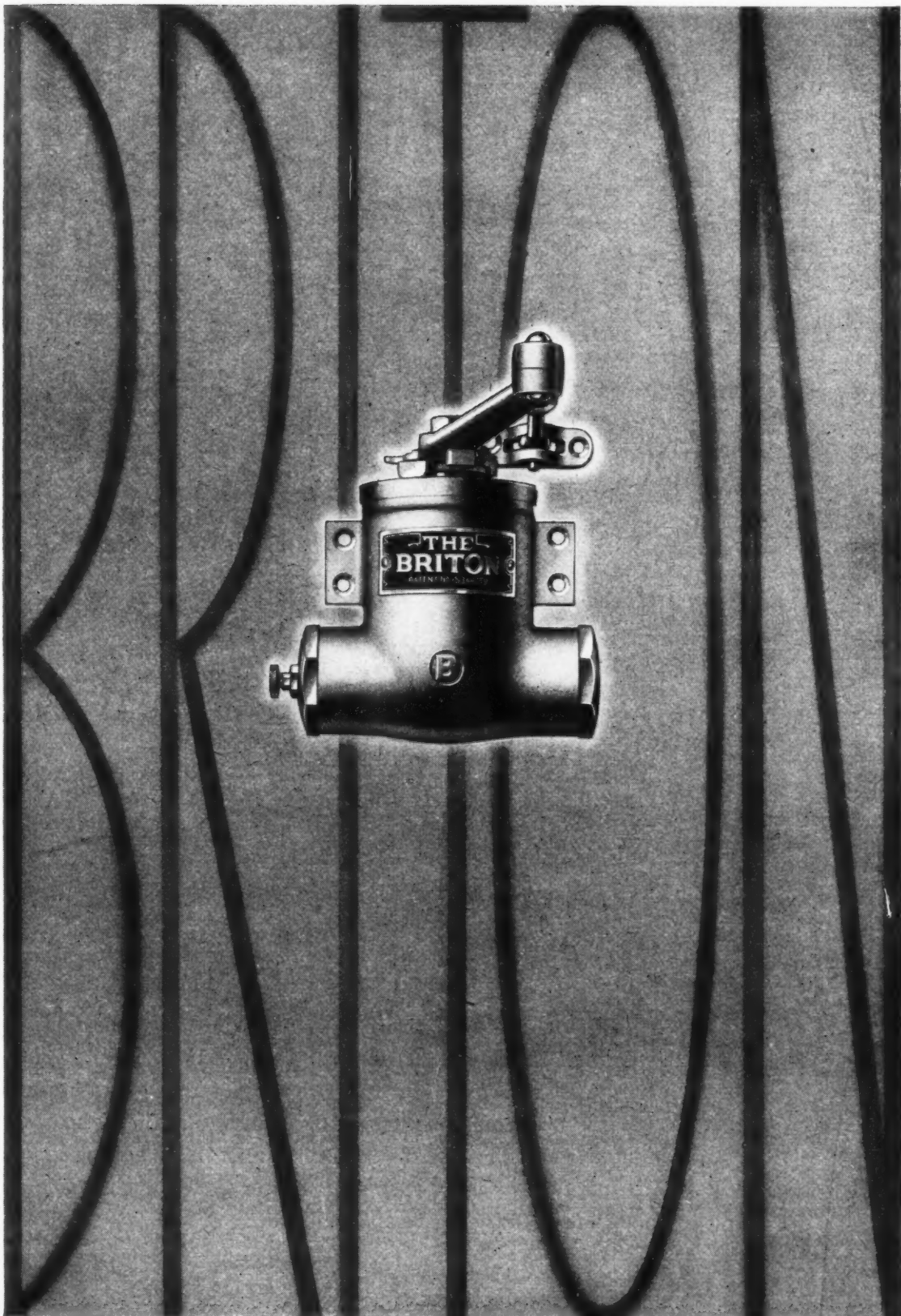
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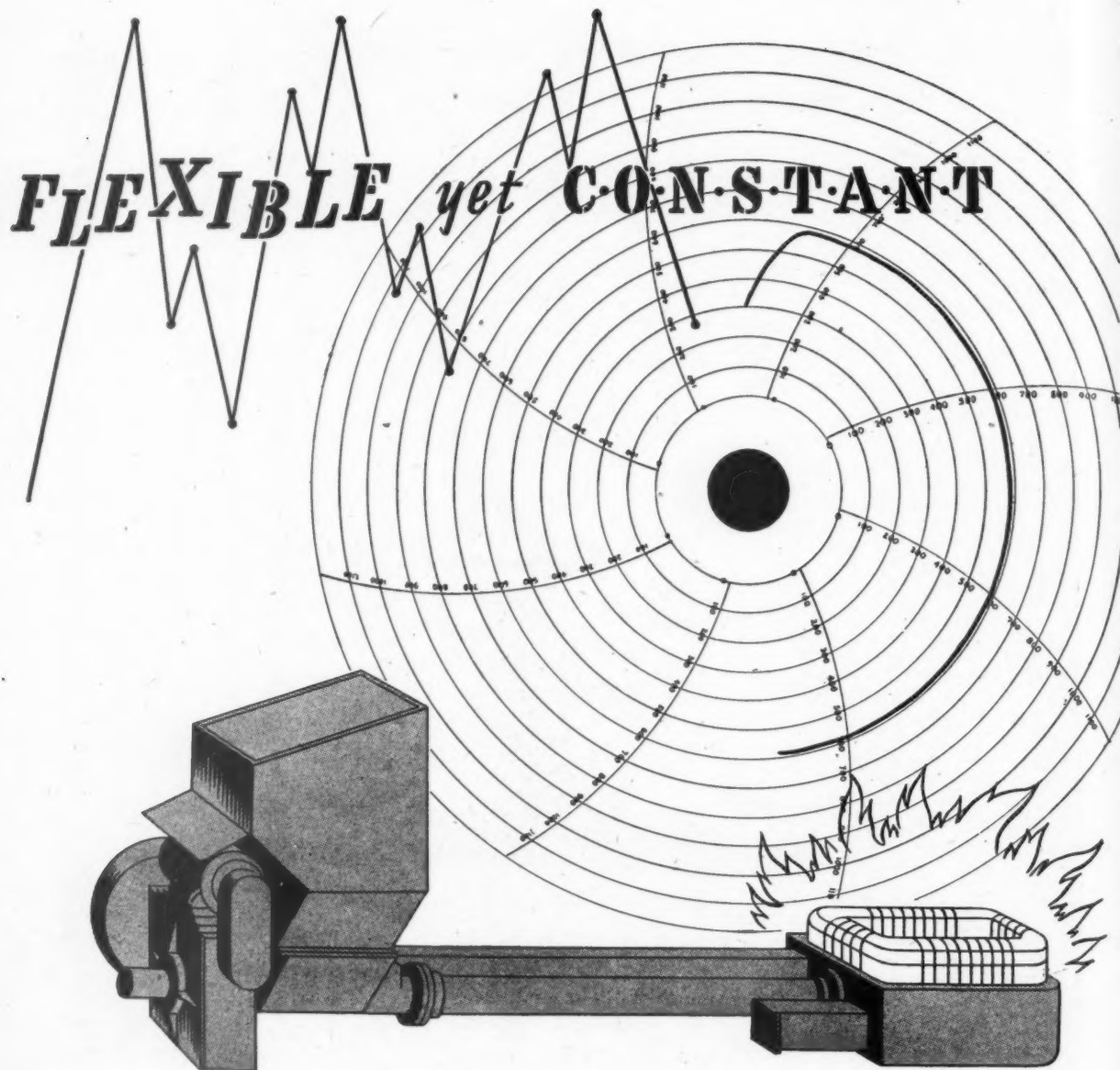
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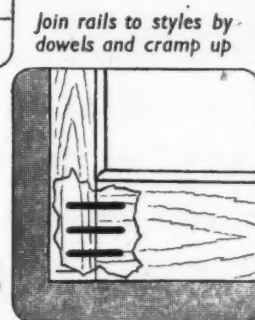
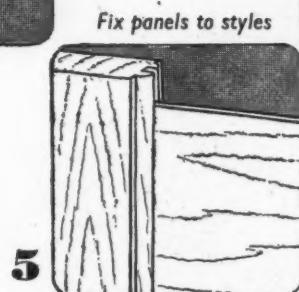
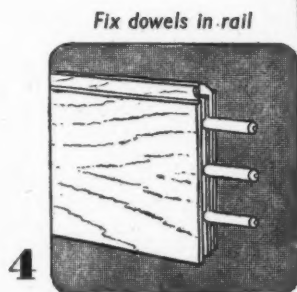
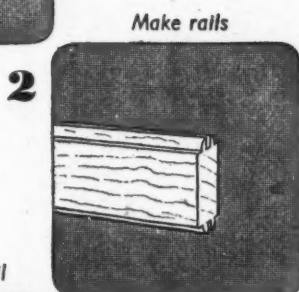
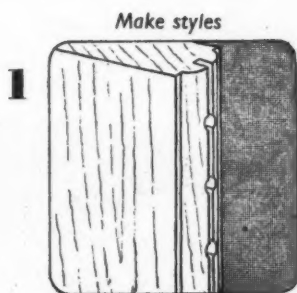
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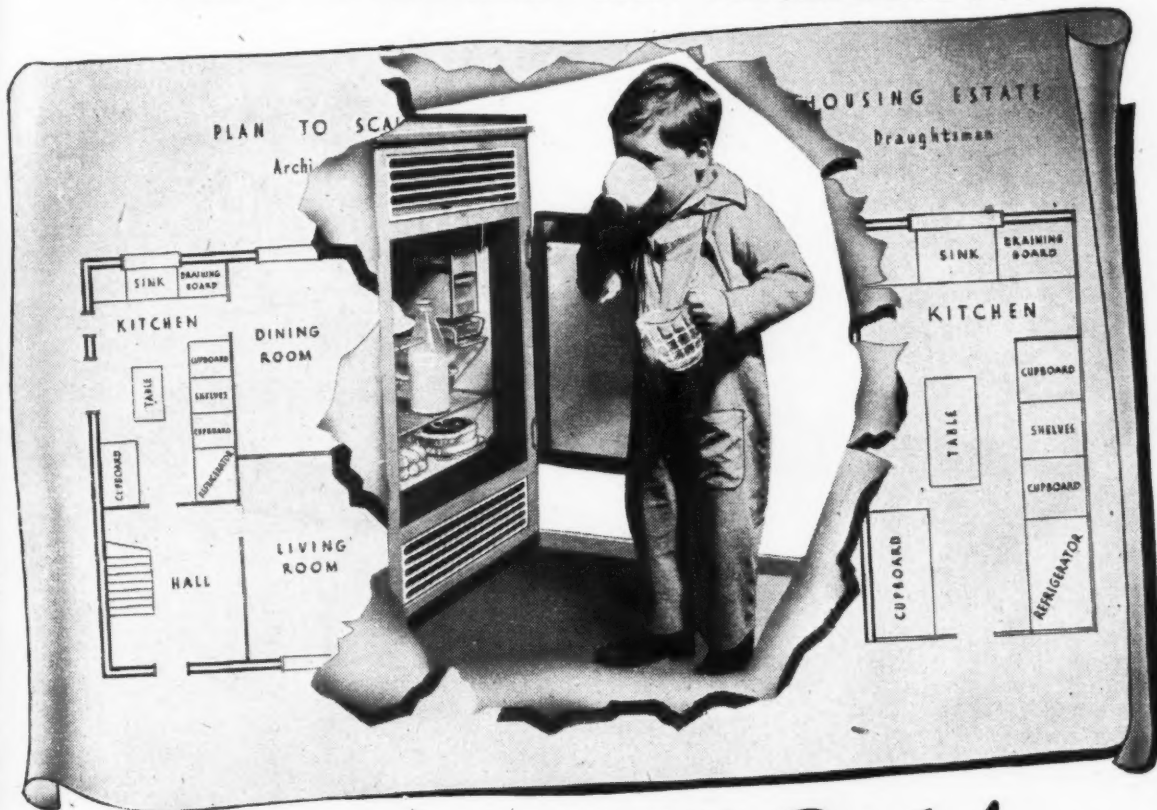
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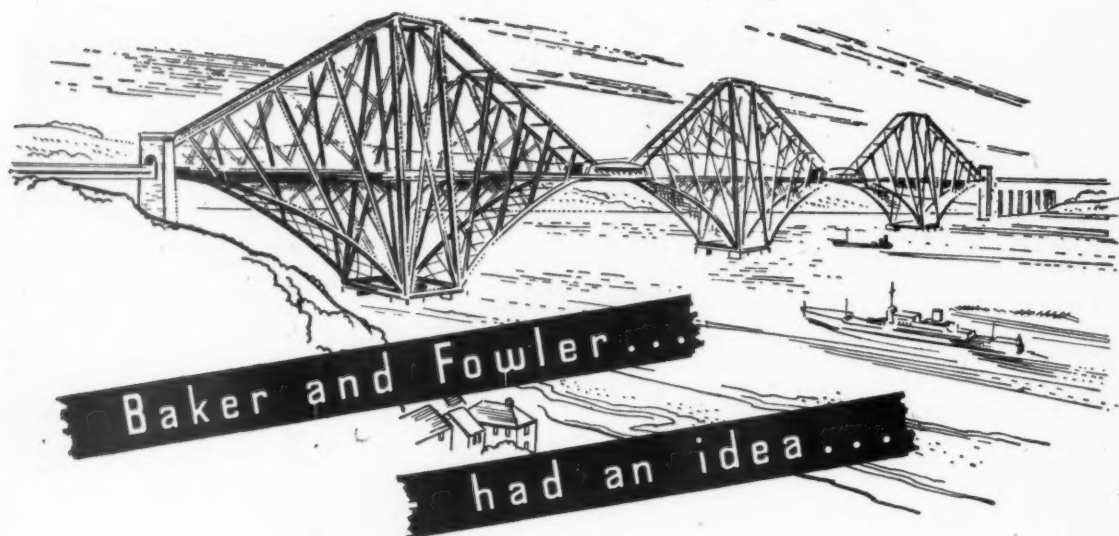


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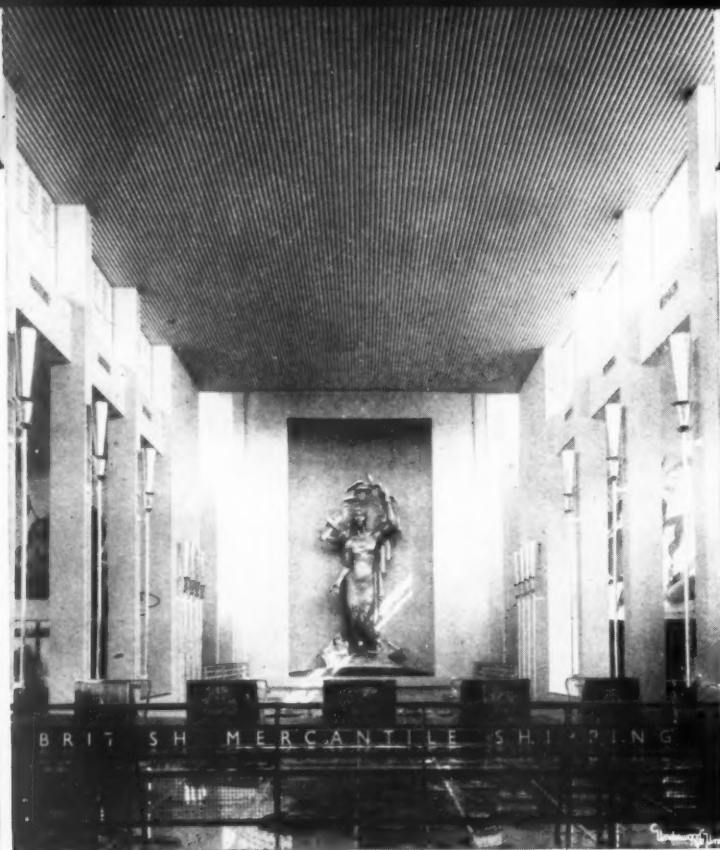
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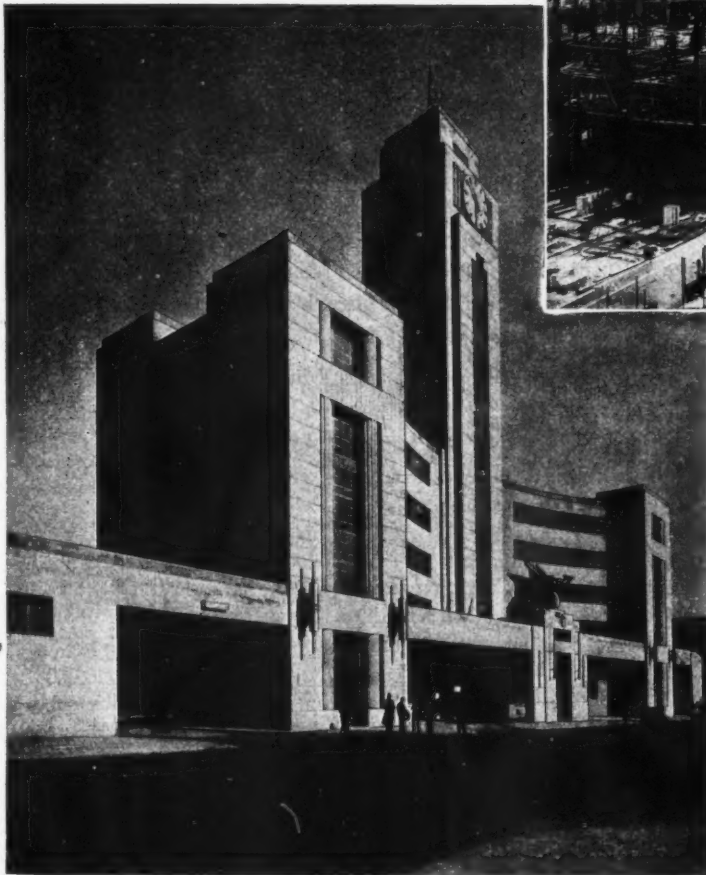
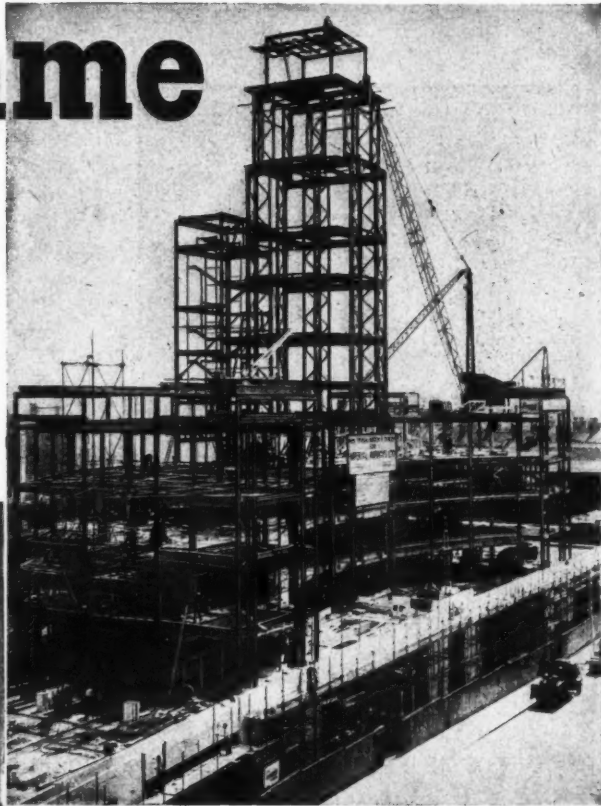
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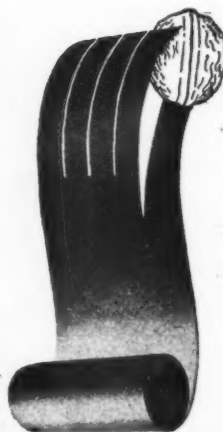


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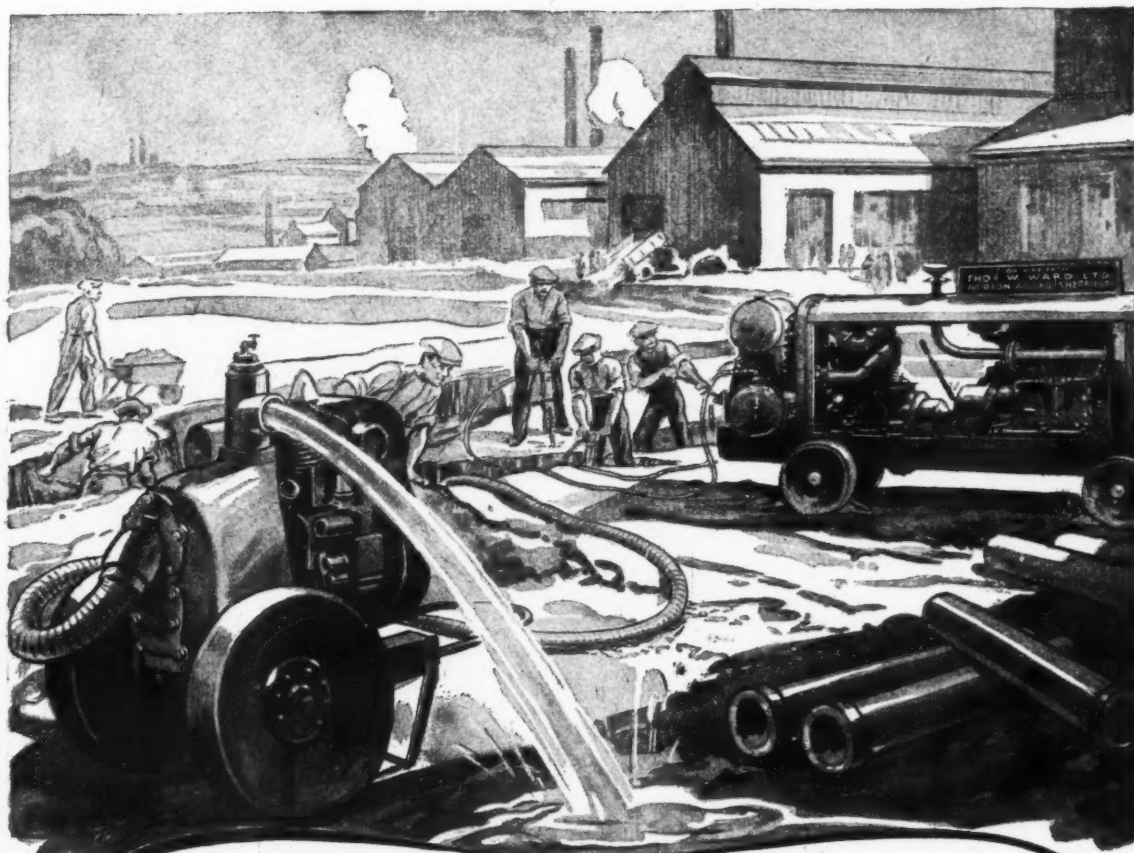
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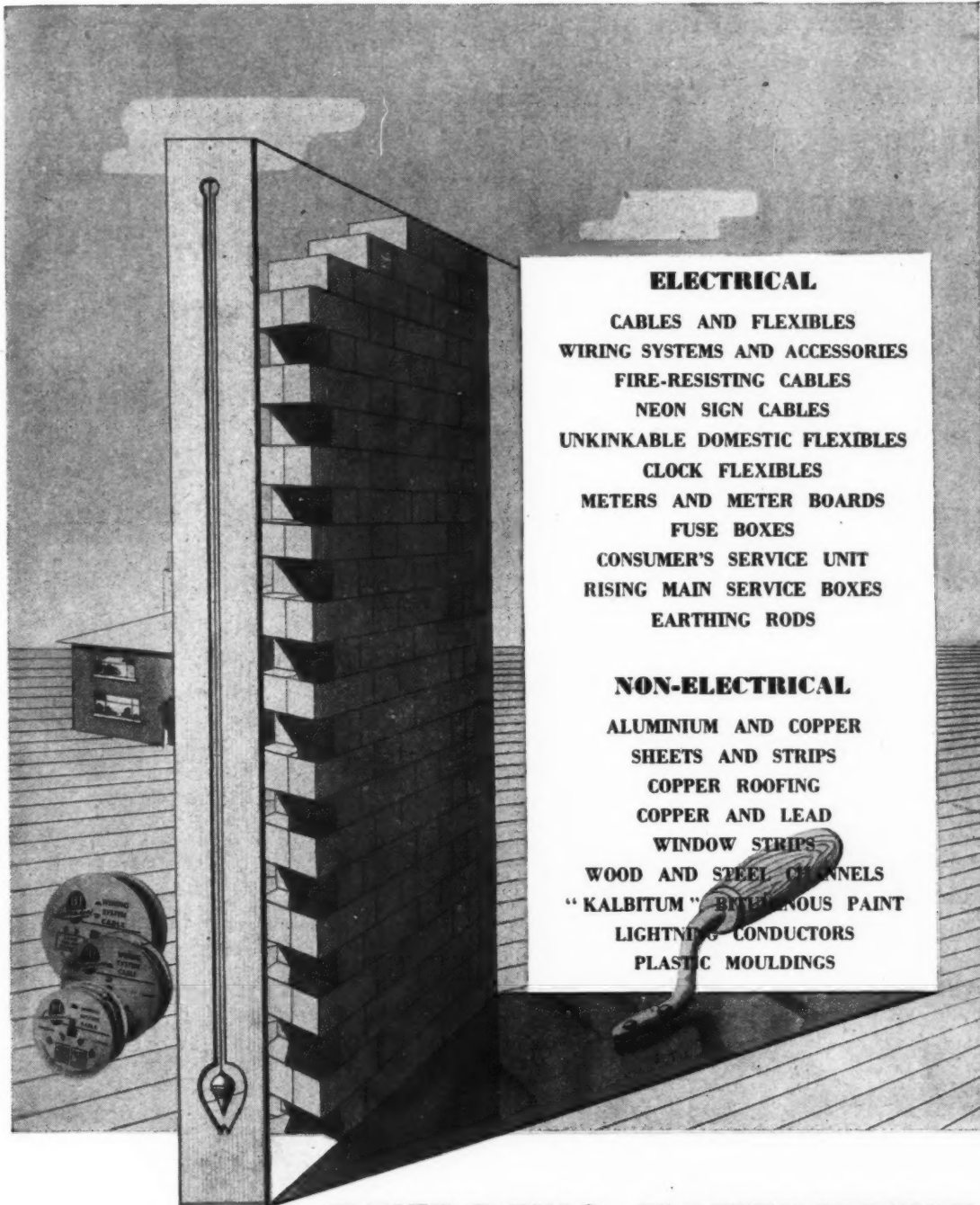
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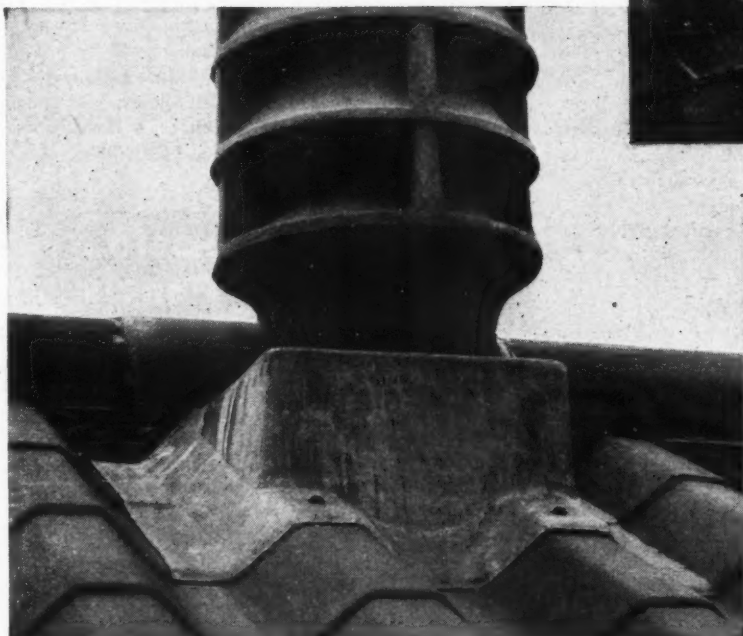
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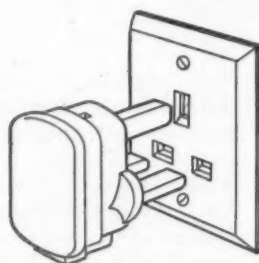
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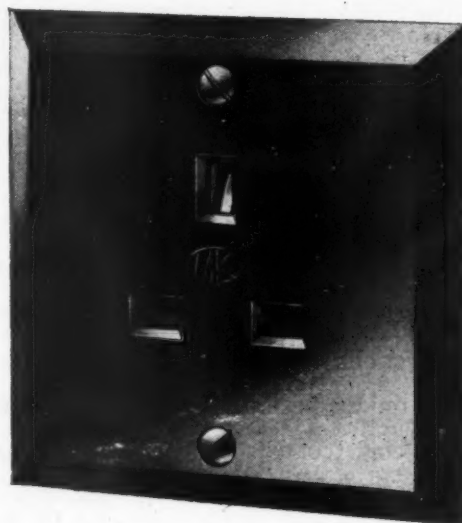


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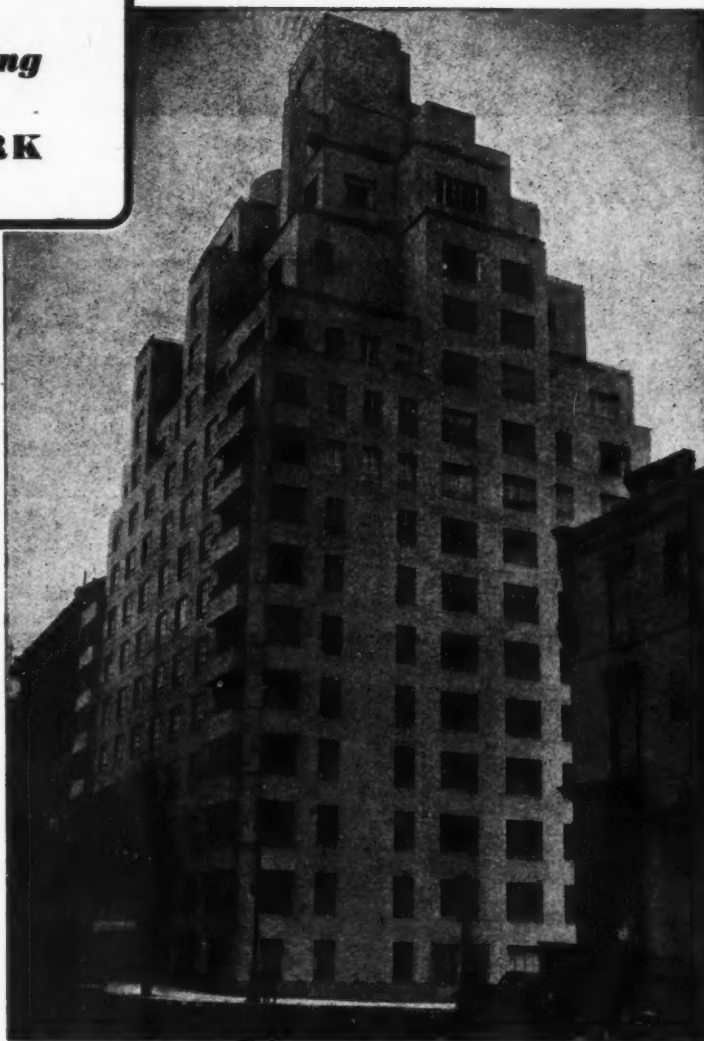
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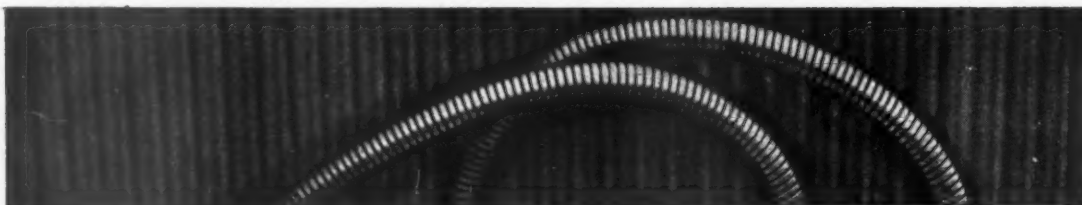


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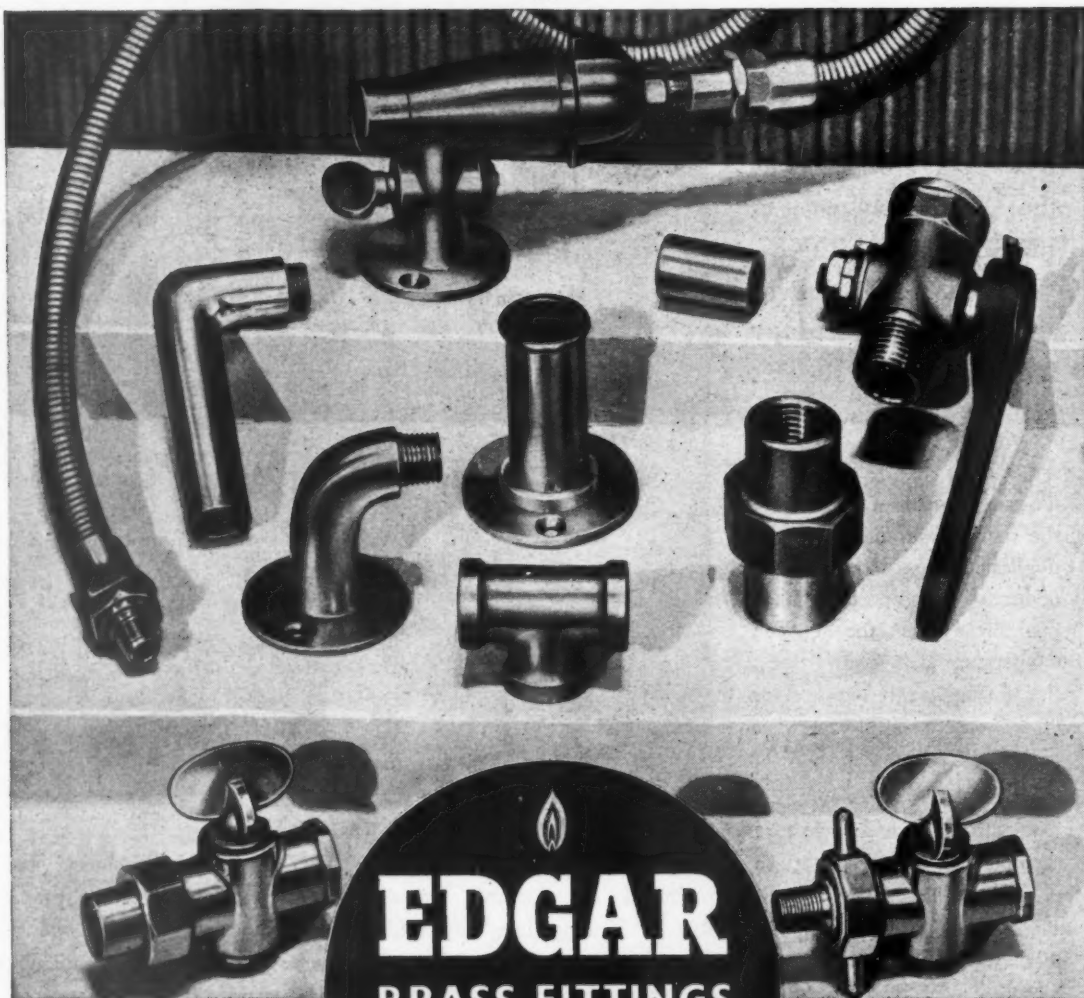
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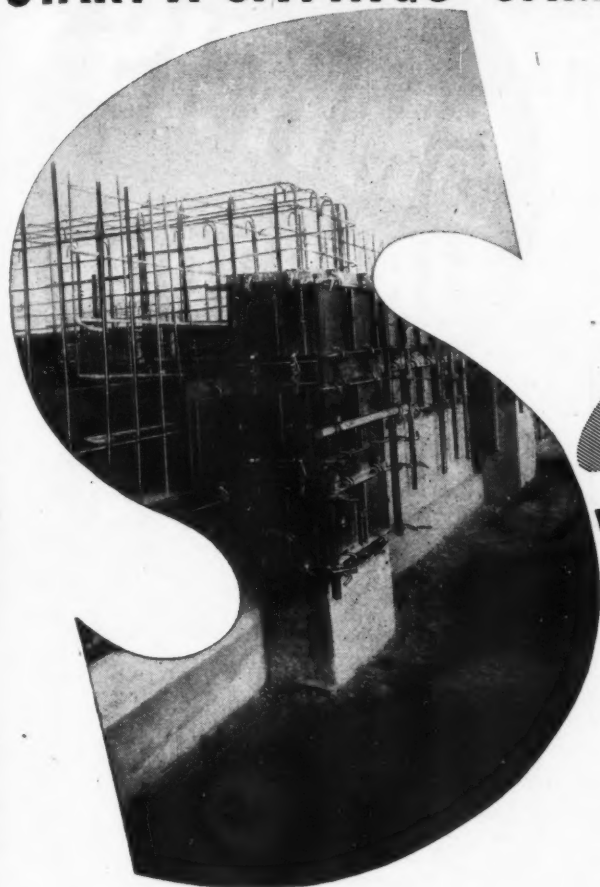
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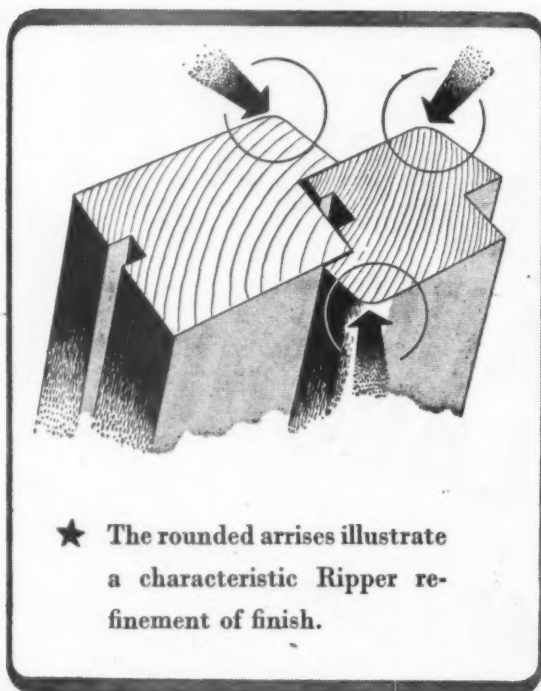
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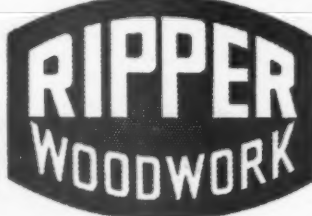
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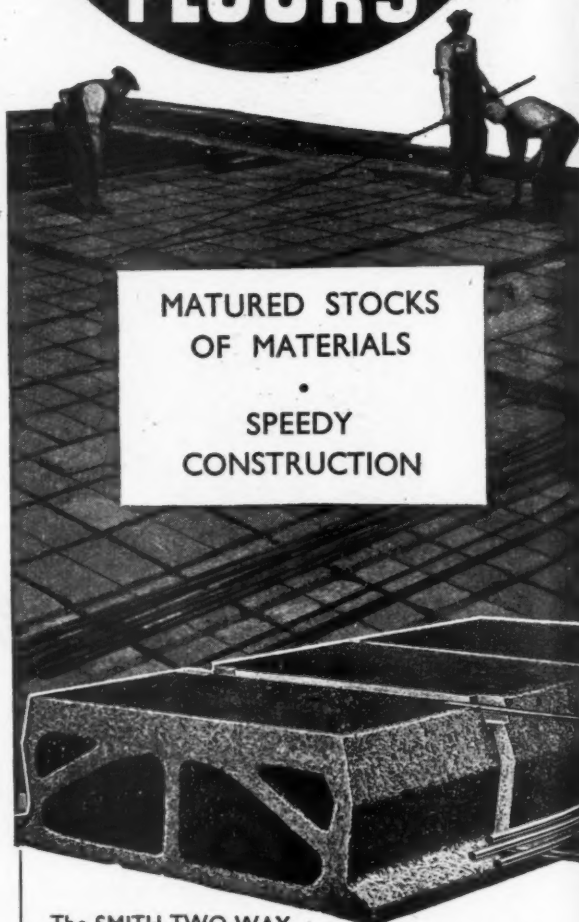


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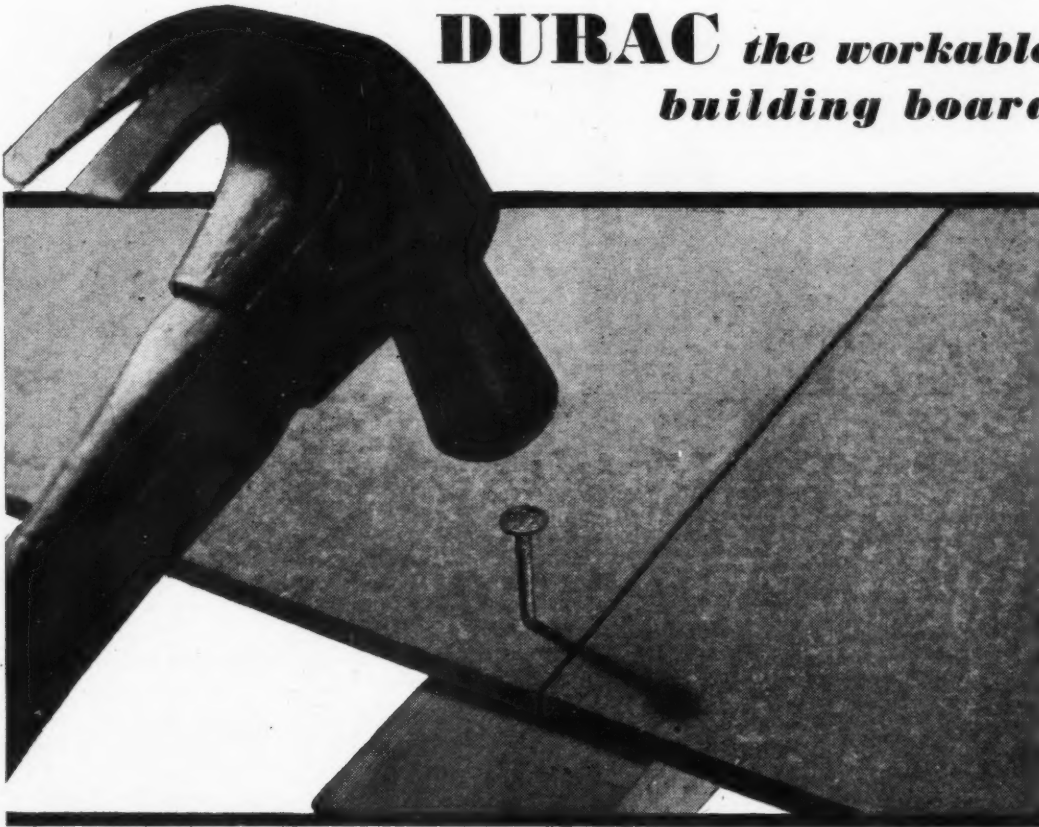
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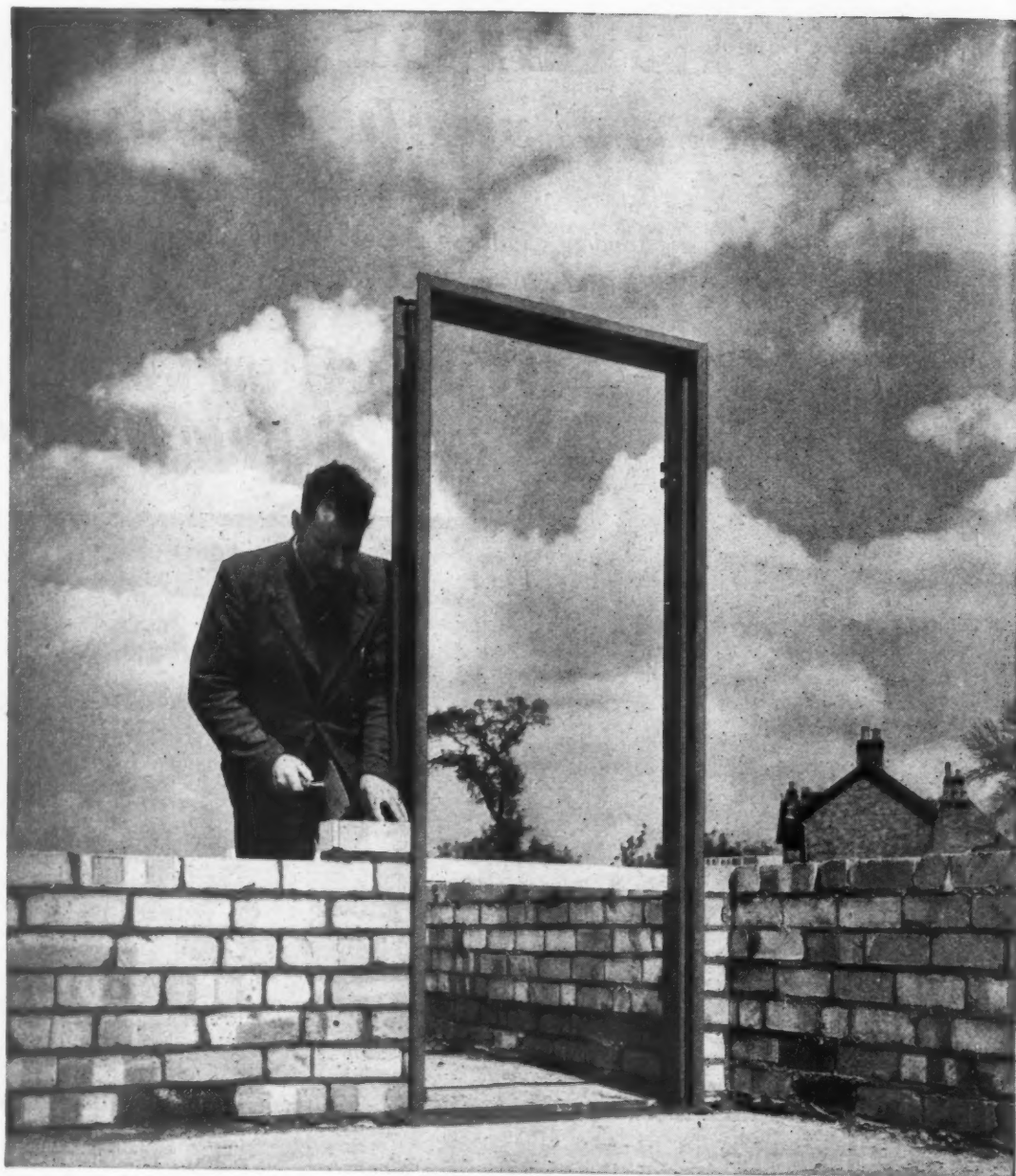
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DIARY FOR AUGUST SEPTEMBER AND OCTOBER

Titles of exhibitions, lectures and papers are printed in *italics*. In the case of papers and lectures the authors' names come first. Sponsors are represented by the initials given in the glossary of abbreviations on the front cover.

BIRMINGHAM. *Design Week.* (Sponsor, CID.) OCT. 11-16

BRIGHTON. *A Regency Exhibition.* In the Royal Pavilion, Brighton. (Sponsor, County Borough of Brighton.) UNTIL AUG. 11

CAMBRIDGE. *Town and Country Planning Summer School.* At Cambridge. The main lectures and discussion groups will be held in the Mill Lane Lecture Theatres. Aug. 23. Morning and afternoon: Discussion Groups; 8.0 p.m.: Formal opening of the School at the Guildhall. Aug. 24. 10.0 a.m. Desmond Heap. *Legal and Administrative Aspects of the Town and Country Planning Act, 1947, and its Regulations and Orders;* Afternoons: Discussion Groups. Aug. 25. 10.0 a.m. Sir Robert Fraser. *The Central Land Board.* Afternoon: Discussion Groups. Aug. 26. 10.0 a.m. Geoffrey Clark. *Planning Problems of the Countryside;* Afternoon, Discussion Groups. Aug. 27. 10.0 a.m. Denis Chapman. *Social Aspects of Town Planning.* Afternoon: Discussion Groups; 8.0 p.m. Annual General Meeting. Aug. 28. 10.0 a.m. Debate. (Sponsor, TPI.) AUG. 23-28

LONDON. *Darkness into Daylight Exhibition.* At the Science Museum, South Kensington. (Sponsor, Science Museum.) UNTIL SEPTEMBER 30

Display of Domestic Solid Fuel Burning Appliances. At the Building Centre, 9, Conduit Street, W.1. (Sponsor, C.U.J.C.) This display is changed at approximately 4-monthly intervals.

PERMANENT EXHIBITION

Gas in the Design for Living. Exhibition of gas cookers, space and water heaters, laundry equipment and portable cooking and heating appliances. At the Building Centre, 9, Conduit Street, W.1. (Sponsor, BGC.)

PERMANENT EXHIBITION

Sport in Art Exhibition. At the Victoria and Albert Museum. (Sponsor, Olympic Games Exhibition Committee.) UNTIL AUG. 14

Exhibition of Original Textile Designs. In Murray Hall, Tilbury House, Petty France, S.W.1. (Sponsor, CID.) UNTIL AUG. 26

International Exhibition and Conference on Landscape Architecture. At County Hall, S.E.1. (Sponsor, ILA.) AUG. 9-12

Prof. S. Giedion. *The Relation of Painting, Sculpture and Architecture.* At the School of Hygiene and Tropical Medicine,

Keppel Street, W.C.1. (Sponsor, MARS and Institute of Contemporary Arts.) 6 p.m. AUG. 18

Machine Tool and Engineering Exhibition. At Olympia. (Sponsor, Machine Tool Trades Association.) AUG. 26-SEPT. 11

TCPA Dutch Tour. (Sponsor, T CPA.) FROM SEPTEMBER 11

Biology and Civil Engineering Conference. September 21. Morning: *Causes, Effect and Prevention of Soil Erosion.* Afternoon: *The Effect of Vegetation on Drainage and Floods.* September 22. Morning: *The Effect of Vegetation in Stabilizing Artificial Slopes.* Afternoon: *The Use of Vegetation to Stabilize Sand Dunes.* September 23. Morning: *The Effect of Vegetation on the Settlement of Roads and The Effect of Vegetation on The Settlement of Structures.* Afternoon: *Algal Growth and Engineering Design.* At the ICE, Great George Street, Westminster, S.W.1. (Sponsor, ICE.) SEPT. 21-23

MAIDSTONE. J. Singleton-Green. *Concrete Troubles.* At the Maidstone Technical Institute, Tonbridge Road, Maidstone. (Sponsor, S.E. Society of Architects, Maidstone Group.) 7 p.m. OCT. 7

Discussion. *Architects, Builders and Operatives.* At the Maidstone Technical Institute, Tonbridge Road, Maidstone. (Sponsor, S.E. Society of Architects, Maidstone Group.) 7 p.m. OCT. 19

PRESTON. *Design Fair.* At the Harris Museum and Art Gallery, Preston. (Sponsor, CID.) UNTIL AUG. 14

COMPETITIONS

RIBA Prizes for Public and Secondary Schools: A total of 10 guineas in prizes is offered for: 1. The best original illustrated essay dealing with a building or group of buildings with which the competitor is personally acquainted; 2. the best sketches or scale drawings of a building or part of a building in pencil, ink or colour, maximum size 30 in. by 22 in. Assessors: H. T. Cadbury Brown, Hugh Casson, E. R. Jarrett. Further information from the Secretary, RIBA, 66, Portland Place, London, W.1. Entries by October 7.

RSI Prize Competitions: John Edward Worth Prize (£40) for an essay on *Practical Improvements of Appliances or Inventions in or about Dwelling-Houses*, and John S. Owens Prize (£15) for an essay on *Atmospheric Pollution.* Apply Secretary, Royal Sanitary Institute, 90, Buckingham Palace Road, London, S.W.1, for general conditions. Entries by December 31.

N E W S

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Though no feature in the JOURNAL is without value for someone, there are often good reasons why certain news calls for special emphasis.

★ means spare a second for this, it will probably be worth it.

★★ means important news, for reasons which may or may not be obvious.

Any feature marked with more than two stars is very big building news indeed.

★ The Minister of Health has advised local authorities about EXISTING USE VALUES of land.

In a circular letter the Minister has advised local authorities in England and Wales not to pay more than the "restricted" or "existing use" value of land except in certain special cases. The circular says that, in the past, the Minister had sometimes agreed to payment of slightly more than the price assessed by the district valuer. As excessive prices would undermine the whole structure of the 1947 Planning Act, the Minister could not approve for loan sanction or other purposes the payment of prices which were at all above the district valuer's figures.

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From AN ARCHITECT'S Commonplace Book

EMPIRE STYLE. [*From Mechanization Takes Command, by S. Giedion (Oxford University Press, New York).*] As we once sought to point out, Classicism is not a style; Classicism is a colouring. Behind the shield of antique forms, two great conceptions clash: Baroque universalism (the English school; Louis XVI) and nineteenth-century specialization, with its trend to increasingly isolated forms. To grasp the nature of the Empire style, we must begin with the single form, with Ornament. In the furniture of the English cabinetmakers, ornament gradually became a delicate accompaniment subordinated to technical solutions and to efficiency. In *Interior Decorations*, as Percier and Fontaine entitled their first published designs, the cabinetmaker is not even mentioned. No new types, no opened drawers as in Sheraton's design books: everything is rendered in thin outline as first done by John Flaxman, who, we may note, went to Rome the same year as Percier and Fontaine. Fontaine's plates are not easy to read; in them the spatial dissolves into the decorative, which overruns everything. Sheraton would cut lock shields out of plain metal or leave them entirely undecorated. Now they become the pretext for bright, gilded bronze, in strong contrast with the red mahogany. The gilded metal is affixed not on the locks only, but in all possible places. Other periods have seen ornament pass from the delicate to the florid; but now ornament dazzles the eye; and, proclaiming the difference of its material, strikes a jarring note.

Mr. Ernest Marples, M.P., has challenged Mr. Aneurin Bevan's HOUSING FIGURES.

Speaking at Wallasey Youth Parliament last week, he accused Mr. Bevan of "uttering a false statement at the Despatch Box." Mr. Marples said:—"Here is an example of a lie which should be nailed. Mr. Bevan, when winding up a debate, said, 'We have built in the first two-and-a-half years since the end of this war more houses than were built in ten years at the end of the 1914-18 war.' Actually we built not more houses, but 821,951 less. So, on this platform, I challenge this Cabinet Minister to a showdown on this point. If Mr. Bevan's statement is proved a true one, I will agree to donate £500 to a charity, providing he will give £500 if his statement is proved false."

Birmingham will not be allotted more PREFABRICATED BUNGALOWS.

An application by Birmingham Corporation to the Ministry of Health for an additional allocation of temporary prefabricated bungalows for special purposes has been refused. The Government originally allocated 4,500 houses to the city, but this has been increased since the housing programme began in the spring of 1945 to 4,625. Of this number 4,310 have been completed and are now occupied. Another 146 are now in process of erection and the remaining 169 are under contracts let by the Ministry of Works. It is pointed out that as the end of temporary houses comes in sight, there will inevitably be a slowing up in the rate of completion. In any event the remaining bungalows should be completed and occupied by the end of September. Under the new plans of the Ministry of Health, it is understood, allocation of permanent municipal houses to the city will be doubled in the remaining months of this year.

★

A register of INDUSTRIAL SITES IN SCOTLAND has been compiled.

This was announced recently by the Secretary of State for Scotland, who said that the register was the work of the Department of Health and the Board of Trade. The register has scheduled 450 sites throughout Scotland. All the sites are satisfactory from the point of view of planning and have been selected for their accessibility to

labour, housing, means of communication, water, drainage, and power services. The Department of Health has recently dissuaded an industrialist from erecting a factory in a crowded area near Edinburgh in favour of a new building in another district. Since 1946, 586 new projects have come before the Department—137 of them last year. The Department gives advice freely to anyone looking for a factory site requiring exceptional facilities, such as hydro-electric power, male or female labour, or even special water supplies. There is a Planning Committee in the Department to deal with man-power problems. Their investigations cover the Highlands and Islands, as well as the industrial areas of the South.

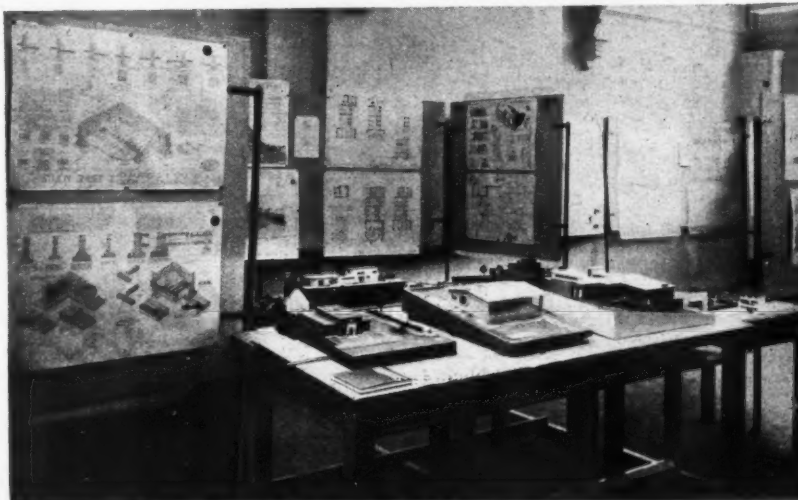
The Scottish Council has been considering supplies of building materials. Mr. W. S. Robertson, technical secretary of the Council, said that the Building Materials Committee had under consideration the supply of lime, most of which was at present imported. Suitable deposits of limestone had been found in Midlothian, Banffshire, and in the West Highlands, and the best methods of working them were being considered. Similar steps were being taken to deal with the cement shortage. The Council felt that the manufacture in Scotland of enough cement to meet Scottish

needs was the only satisfactory long-term solution.

★

The President of the NFBTE, Mr. F. M. Sleeman, spoke at Manchester last week on BUILDING INCENTIVES.

Mr. Sleeman said that complaints made by the operatives at Eastbourne that employers who had not adopted systems of incentives were dodging their responsibilities were inaccurate and harmful. The truth was that the national agreement on the subject, which provided a flat rate wage increase of 3d. an hour, left the initiative with the employers, and they had made a promising start. Increases in wages which were not accompanied by increased output were against the national interests, and it was thanks to the employers, who realized this, that the giving of bonuses was now permissible. It was too early to say to what extent advantage could be taken of Mr. Bevan's decision to open the door slightly to the private builder, but he would appeal to local authorities to give a fair deal to families in need of new houses who would prefer to buy them.



The Department of Architecture and Building of the Southend-on-Sea Municipal College has recently opened an exhibition of students' work. The photograph above shows part of the exhibition room with drawings grouped according to the student's year, and some of the models made in the department.



Nicholson's Gliding Club

Last week, Christopher Nicholson, one of Britain's best young architects, was killed while flying. Among his many interesting buildings was the London Gliding Club at Dunstable, pictured above. It is chosen here to represent his work both because it was the building that first brought his name before the public in 1936 and because he himself was a famous glider pilot. His death took place in Switzerland, while he was representing England in the international gliding competitions at Samaden, near St. Moritz. He and another member of the English team of six, Mr. Donald Greig (who was also killed) set off on a "goal" flight to Nice. They were apparently caught in a sudden storm and crashed near Lake Como. In this issue, Astragal says something about the loss to English architecture Nicholson's death represents, and on page 132 are some more illustrations of his work and an account of his career. The picture above shows a sail-plane on the apron in front of his London Gliding Club, having just been brought from the hangar. In the background can be seen part of the club proper.

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THE ROME SCHOLARSHIP IN ARCHITECTURE,

1948, is not to be awarded.

The Faculty have stated that this year's subject, "A Concert Hall," is a problem which will have to be faced during the coming years by many architects in many cities. The requirements of the programme are simple; the solution should result in a simple and monumental building. The programme did not ask for the technicalities of a great concert hall to be worked out in detail; it did ask clearly for a general design which could be suitably elaborated in technical detail without undue alteration in the normal course of practice. The Faculty states that the essentials of such a building are that it should be suitable to the site, that the plan should dispose the main elements in an orderly and spacious manner and should keep the subordinate in due subordination, and that the massing and elevational treatment arising out of that plan should naturally and simply combine to produce a unified architectural composition. No design submitted this year sufficiently fulfilled these elementary requirements; consequently the Faculty found themselves with great regret unable to make any award of the Rome Scholarship in Architecture. The Rome Scholarship in Architecture is now provided for by an annual grant made to the British School at Rome by the Council of the Royal Institute of British Architects, and is normally tenable for two years, but may be prolonged in exceptional cases for a third year.

★

A SCOTTISH INDUSTRIES EXHIBITION will be held during the Autumn of 1949.

This has been announced by Sir Steven Belsland, chairman of the Scottish Council (Development and Industry). The exhibition, which will be held in the Kelvin Hall, Glasgow, will be complementary to the British Industries Fair, but not competing with it.

A committee to organise the exhibition has been formed under the chairmanship of Mr. R. A. Maclean, who was vice-chairman of the Enterprise Scotland Exhibition last year. "The exhibition will not be selective as was the Enterprise Scotland exhibition, but stands will be taken by firms and salesmen will be present to book orders," said Sir Steven. "I cannot yet say anything about dates, but we are keeping in mind the desirability of holding the exhibition at the same time as the Edinburgh Festival."

NEWS IN BRIEF

More Paint for Houses:

The Paint Manufacturers and Allied Trades Association has announced that the Board of Trade, by arrangement with the industry, will no longer specify the proportions in which the manufacturer is to use controlled materials for the three main types of paint—building, transport, and industry. It will therefore be possible, the association states, to provide ample supplies of paint for urgently needed work on property repair and redecoration.

The International Congress

of Architectural Students, sponsored by the Architectural Students' Association, has been postponed. It was to have been held from August 24 to September 2. The new dates are December 30, 1948, to January 8, 1949. The postponement was decided upon by the organizing committee in order to ensure as wide an international representation as possible.

THE OLYMPIC GAMES

WHEN the wisdom of holding the 1948 Olympic Games in London was under discussion it was widely argued that the nation was too poor and too busy to give the event and the foreign visitors it would bring the welcome they deserved, and that national prestige would therefore suffer. Despite these warnings bolder counsels triumphed. Nevertheless, the Olympic Games Committee would have done well to heed the lessons they contained. A bold initial decision has not been followed up with the drive and imagination that the occasion demands, and, as was pointed out in last week's JOURNAL, the setting of the Games has failed to produce a good advertisement for British design.

In this country we have always been a little casual in our attitude towards visual matters. But there have been several signs recently that the value of good design and planning had at last come to be appreciated in responsible quarters. The way the design aspect of the Olympic Games has been handled is therefore all the more disappointing. A few posters have been displayed of uniformly poor design; a souvenir programme has been printed whose cover is a repetition of one of the posters and whose contents and letterpress are sometimes difficult to distinguish from the advertisements; some exhibition masts have been erected in Piccadilly Circus of a paucity in design and construction that defeats their purpose. The setting at Wembley, the centre of the Games, reveals a disappointing lack of imagination both in its broad conception and in its details.

This is a dismaying record. Even in view of our post-war limitations in the supply of materials and labour, too little has been attempted, and what has been done is insufficient. Undeniably, the task was difficult, but the challenge should be all the greater. The way in which continental countries bring all their available talents to bear on similar events contrasts strongly with our approach on this occasion. The present failure results from an insufficient appreciation of what was required, and hence the neglect to form a proper planning staff of architects and designers with enough time to produce a concerted scheme. It is not that talent in the country is lacking. On the contrary, that it is there in abundance has been amply shown whenever opportunity has offered, but the appropriate authorities have failed to grasp their opportunities. £250,000 have been spent at Wembley alone, but the visible results are meagre.

It is not so long since the Government set up the Council for Industrial Design to co-ordinate the national effort to improve design standards. The Olympic Games was surely an occasion when the Council's advice should have been sought.

There are several lessons to be learned from this failure. The first is the importance of forming a competent planning team in good time. The second is the need to realise that designing for occasions such as this is a specialised task whose essence is to give an impression of brightness and gaiety with

a minimum of permanent materials. A third is that if, unhappily, it is felt that international events of the magnitude of the Olympic Games are beyond our resources, then it were better not to attempt to cope with them—or to strain our resources if the occasion warranted it. As it is, the Olympic Games should serve as a timely reminder of the problems inherent in the 1951 Festival, although, so far, the preparations for this event promise well.



The Architects' Journal

9, 11 and 13, Queen Anne's Gate, Westminster, S.W.1

Phone: Whitehall 0611

N O T E S & T O P I C S

CHRISTOPHER NICHOLSON

What can one say that is adequate about Christopher Nicholson's sudden death? Apart from the personal loss everyone who knew him will feel, those who did not, but who knew his work, will realize that English architecture has sustained a loss it can ill afford.

He had just that combination of practical ability and imagination that modern architecture will need most in its next phase. He had fewer prejudices about architecture than anyone I can think of, resolving every problem that came along into a matter of basic principles, analysing it with sound common sense and solving it with remarkable technical ingenuity. And he was never unthorough in matters of design or technics.

His thoroughness was reflected in his versatility, both within the architectural world—where he was architect, industrial designer, design consultant, teacher

(at Cambridge and the AA), RIBA external examiner and many other things—and outside it, where he had numerous interests, of which gliding was the greatest. His ability to do many things, but all of them wholeheartedly, is shown by his brilliant career as a pioneer glider. He was killed in Switzerland while serving as a member of the British gliding team in the 1948 international competitions. He was only 42, and had a great career before him.

THE APRR MUDDLE

The news that the APRR's School of Planning in Gordon Square may have to close down is both alarming and ridiculous. What can one make of a situation where one Government Department publicly deplores the shortage of trained planners (and even sets up an expert committee to inquire into means of producing more and better ones), while another Department refuses a grant to one of our liveliest planning schools, a refusal which would force it to discontinue its courses and thereby reduce the number of schools giving town-planning courses from nine to eight?

The reason the Ministry of Education refused the grant—which it was expected to allow almost as a matter of course—is apparently that it is official policy that all higher educational establishments of this sort should be part of a university. But even if it were true that the APRR School was handicapped by its non-attachment (which is not borne out by the School's excellent record), this is not the time—when every planner that can be trained is needed to operate the new Act—for sticking to the letter of the law.

What makes it more ridiculous is that the APRR School is clearly valued by London University, because students the latter has no room for are being

passed on to Gordon Square. This muddle must be brought to an end quickly. I understand the matter is now in the hands of MOTCP, from whom we shall expect vigorous action.

ROC STRIKES BOAT

Launched by Patricia Roc, and attended by a posse of picturesquely attired watermen, the new Putney-to-Greenwich water-bus service got off last week to a splendid start. Londoners have waited a long time for it. The neglect of the Thames's possibilities both as a scenic background and as a traffic way has been one of the most puzzling examples of our lack of planning imagination—and it's now up to us to make it the success we always assumed it would be. And surely it will be, provided that it is run as a service and not as a tourist fine-weather diversion; i.e., no hanging about to make up a full boat-load, please!

The fact that 90 per cent. of the 20,000 passengers carried on the first day were holiday-makers shows that it will not be easy to maintain the punctual regularity which is the first essential of public transport, but maintained it must be if it is to be of real value to the commuter. For all architects, of course, a trip on the waterbus should be a regularly-taken dose of visual experience. From Battersea Church to the Prospect of Whitby, from Whistler's House to the Queen's House at Greenwich, from Wornum's rubbish-dump building at Victoria to Goodhart Rendel's Wharf at London Bridge, from the MPs sinking tea on the Terrace to the Surrey shot-tower (a London landmark which, incidentally, I hope no south-bank improvers will be allowed to do away with), there is not one second when the eye is unrewarded.

Let's hope this venture of Mr. Odell's will be only the opening shot in the battle for the river which—with a bit of luck and some good sense from the Festival organisers—should be crowned with victory in 1951.

THE VERSATILE FINN

London is full of foreign visitors, including a good proportion of architects. It is also for the moment, of course,



A model from the exhibition of Polish students' work. See Astragal's note. It illustrates a scheme for the redevelopment of the Victoria Station area of London by W. Marcinowski.

Blackboard chalk is a material always guaranteed to inspire inaccuracy and consequent rebuke in any mind burdened with a memory, and all I can say is, sorry, Mr. Gillett, and congratulations upon carving *two* bits of chalk so skilfully. As to the Polytechnic "Canard," that was put up by the Head of the School himself, so I would suggest as a penance you make him write something out twenty times on the blackboard with a bit of carved chalk.

ASTRAGAL

LETTERS

J. A. Godfrey, A.R.I.B.A.

W. M. Whiteman, F.R.S.A.

full of visiting athletes. I was rather impressed the other day when I met a couple of Finland's leading young architects busily looking at what London has to show in the way of new buildings, to learn that they are officially here as members of the Finnish Olympic team.

The Polish school's exhibition in Cromwell Road has left me convinced that it is still at least among the leaders in the field.

The standard of presentation and draughtsmanship is as high, the sense of history and tradition as inherent, the feeling for richness and drama as powerful, as ever they were; and though these qualities, it is true, at times become over-stressed and verge upon bombast, it is a real tonic to see the work of students who, as their holiday sketches show, are not afraid of attacking a "difficult" building if they are genuinely excited by it, and who work in an architectural language determinedly uncharming, so strongly in contrast with the "Pswedish-Sunblind-Trellis-Indoor-Ivy" manner, with which we are all so familiar. Reproduced above is one of the projects from the town planning section, which is partly devoted to imaginative schemes for the replanning of such famous London areas as Trafalgar Square, Westminster and Hyde Park Corner.

Natural Lighting of School Classrooms.

SIR,—The relief expressed by Mr. Waldram in his letter of July 22, that the Building Research Station is alive to the danger of too much, as well as too little light, suggests that he has misunderstood the point of the article. We are not yet in any danger of having too much light in school classrooms, but we are still in danger, as we always have been, of suffering unnecessary glare, either from direct sunlight or from bright skies. The purpose of the venetian blinds illustrated in the article, is to control extreme brightness contrasts. Glare can always be so controlled, but adequate daylight depends on the basic design of the structure.

J. A. GODFREY,
Building Research Station.

Watford

Caravan Design.

SIR,—I have read with interest your remarks on British and American caravan design (July 15). The American caravans are impressively equipped with refrigerators, double sinks, sometimes even fluorescent lighting, washing machines, etc. It is, however, not correct that they are more self-contained than British vans. The opposite is the case.

The American vans are nearly all dependent on mains electricity for lighting, refrigeration, radio, and usually also for the circulation of heat. Some have water systems for main connections. The majority of American caravanners are thus limited to the use of commercial caravan sites alongside the main roads. British caravans are genuinely self-contained, and are not in any way dependent on main services. They are also very much less dependent upon flat hard sites, being lighter, shorter, and on a single axle, which permits levelling on sloping ground.

W. M. WHITEMAN,
Hon. Secretary,
National Caravan Council

London

There was one brilliant exception, of course—Christopher Nicholson, of whose tragic death I have already written. He did manage to combine a busy practice with eminence as a glider pilot. But then he was an exceptional person in so many ways.

UP THE POLES AGAIN

A year or so ago it was suggested in this column that, upon the evidence alone of published work, the best school of architecture in the country was that run by the Poles at Liverpool. The standard of our own schools has risen greatly since then, and I doubt if that claim could any longer be justified, but a disgracefully belated last-day visit to

CHEESED-OFF CHALK-MAN

My good-morning today began with a letter from Ralph Gillett, who rebukes me (a) for referring to the *two* blackboard chalk carvings (reproduced here July 22) as *one* carving and (b) for crediting it or them to a student of the Polytechnic School of Architecture. It appears he was a student at the Polytechnic, but took up carving chalk while in the navy.

SOME BUILDINGS BY CHRISTOPHER NICHOLSON

The sudden death of Christopher Nicholson in Switzerland while representing Britain as a glider pilot is reported on page 128 of this issue, which also contains a picture of one of his best-known buildings. Some more of his work is illustrated on this page. Christopher Nicholson was a son of Sir William Nicholson, the painter, and the painter Ben Nicholson is his brother. He was born in 1905, and on leaving school went to Jesus College, Cambridge, as Anderson and Webb Scholar to study architecture. On completing his course at the Cambridge school, he was awarded the Davison Scholarship at Princeton University, USA, where he studied for a further two years. On his return to England, he taught at the Cambridge School for a short time and then set up in practice in London. Among the buildings designed by him during the following years were a studio near Fordingbridge for Augustus John, the London Gliding Club at Dunstable, and a number of houses, including the exceptionally interesting modern house at Fawley Green, illustrated here. He became a member of the Mars Group in 1937.

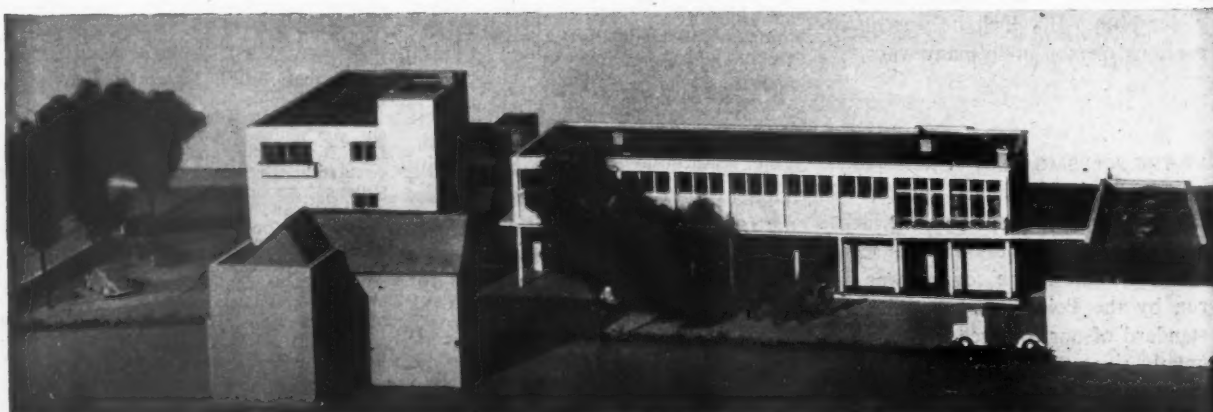
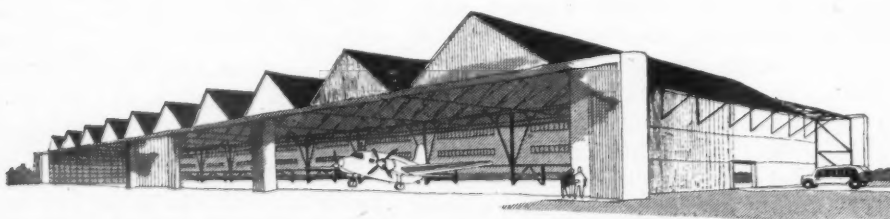
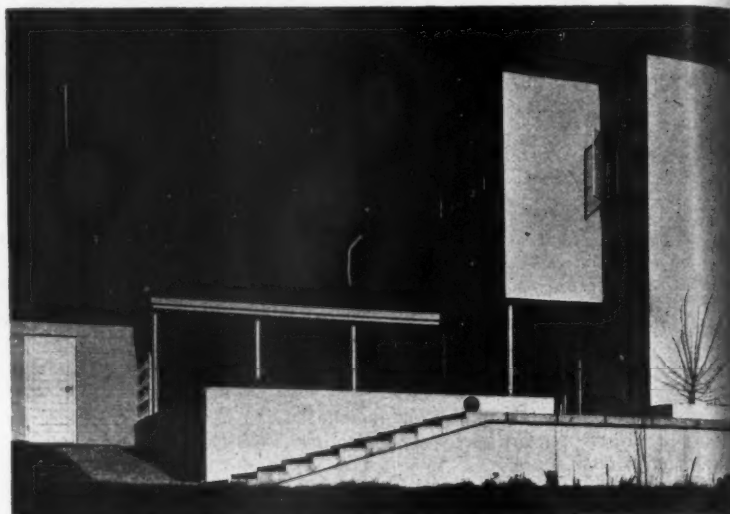
His achievements as one of the pioneers of British gliding have been referred to; he was also an experienced power pilot, and when the war came he joined the Fleet Air Arm, in which he served from 1939-45, finishing with the rank of commander, RNVR. He completed 1,500 flying hours as first pilot and during 1945 he was Officer in Charge of Flying at the Royal Naval Air Station at Katukurunda, Ceylon.

At the end of the war he returned to private practice in London, setting up in partnership with Hugh Carson, and also

joined the part-time teaching staff at the AA School. He was architectural consultant to the Whitney Straight Committee, set up in 1946 to advise the Government on civil aviation and was design consultant to British European Airways. He had a special talent as an industrial designer, and was responsible among other things for the newest Ferranti radio sets. He also designed furniture (some particularly attractive garden furniture designed by Nicholson for Heal's before the war will be remembered) and his post-war practice included a number of exhibition stands. He was one of the architects appointed by the Board of Trade to supervise the Olympia section of the British Industries Fair.

A Fellow of the RIBA, he was also a member of the Board of Architectural Education and one of the Board's external examiners. Only a few months ago he was elected to the Council of the Architectural Association.

The examples of Nicholson's work reproduced on this page are: top, house at Fawley Green, near Henley-on-Thames, 1938—the photograph shows the south end of the terrace; project for an aircraft hangar designed (in association with F. J. Samuely) for British European Airways, 1947, and the model of a project (not yet built) for an animal's hospital, also designed in 1947.





The model from the east

SWIMMING POOL AND CAFETERIA AT REGENT'S PARK

DESIGNED BY THE ARCHITECTURAL
DEPARTMENT OF THE MINISTRY OF WORKS

GENERAL.—The Ministry of Works proposes a swimming pool and cafeteria in Regent's Park. The design takes the maximum advantage of the levels and as many trees as possible are retained to form a background to the buildings. The scheme will provide ample facilities for sun bathing on the sheltered terraces, which face due south-west, and slope to the water's edge. The buildings have been planned on the highest level of the site. The pool would be built out into the lake for reasons of economy, the water level would be maintained at 2 ft. above

the lake, to prevent foul water overflowing into the pool.

PLAN.—Accommodation is provided for about 300, exclusive of spectators. Thirty-five cubicles and one hundred and forty two lockers comprise the changing accommodation for each sex.

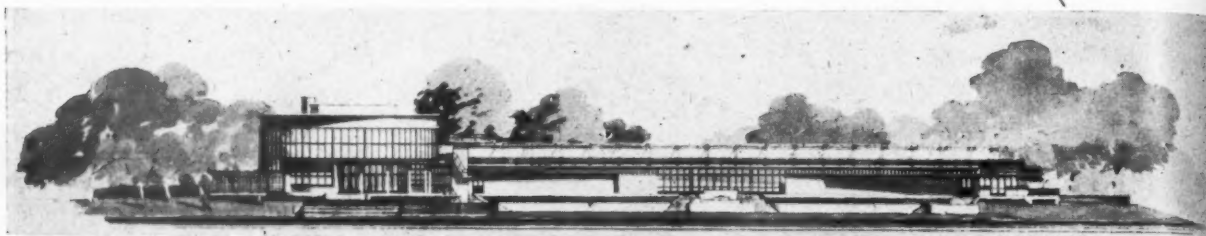
A changing room for use of schools and clubs is provided for each sex. The pool can be adapted for international water sports if necessary, and accommodates the regulation size of 165 ft. by 60 ft.

There is a cafeteria on the ground floor for light meals for bathers. Access is also provided to this

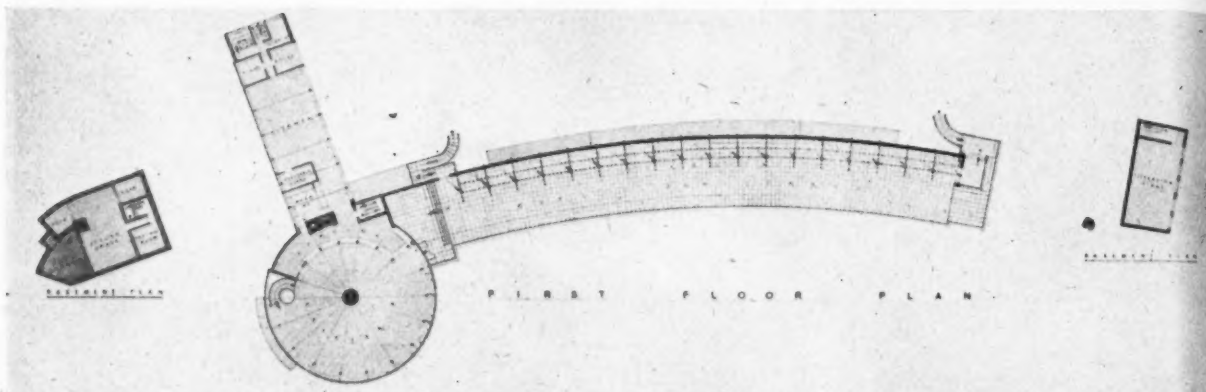
from the main entrance, so that this could be used in winter months by the general public only. The principal cafeteria, seating 200, is on the first floor.

CONSTRUCTION. — Reinforced concrete is proposed for the entire scheme, the exterior to be faced with stone. Windows and doors to be of anodized aluminium, and the swimming pool is to be lined with coloured glazed tiles. Heating and hot water system are provided by boilers located in the basement. Panel heating would be installed for the cafeteria.

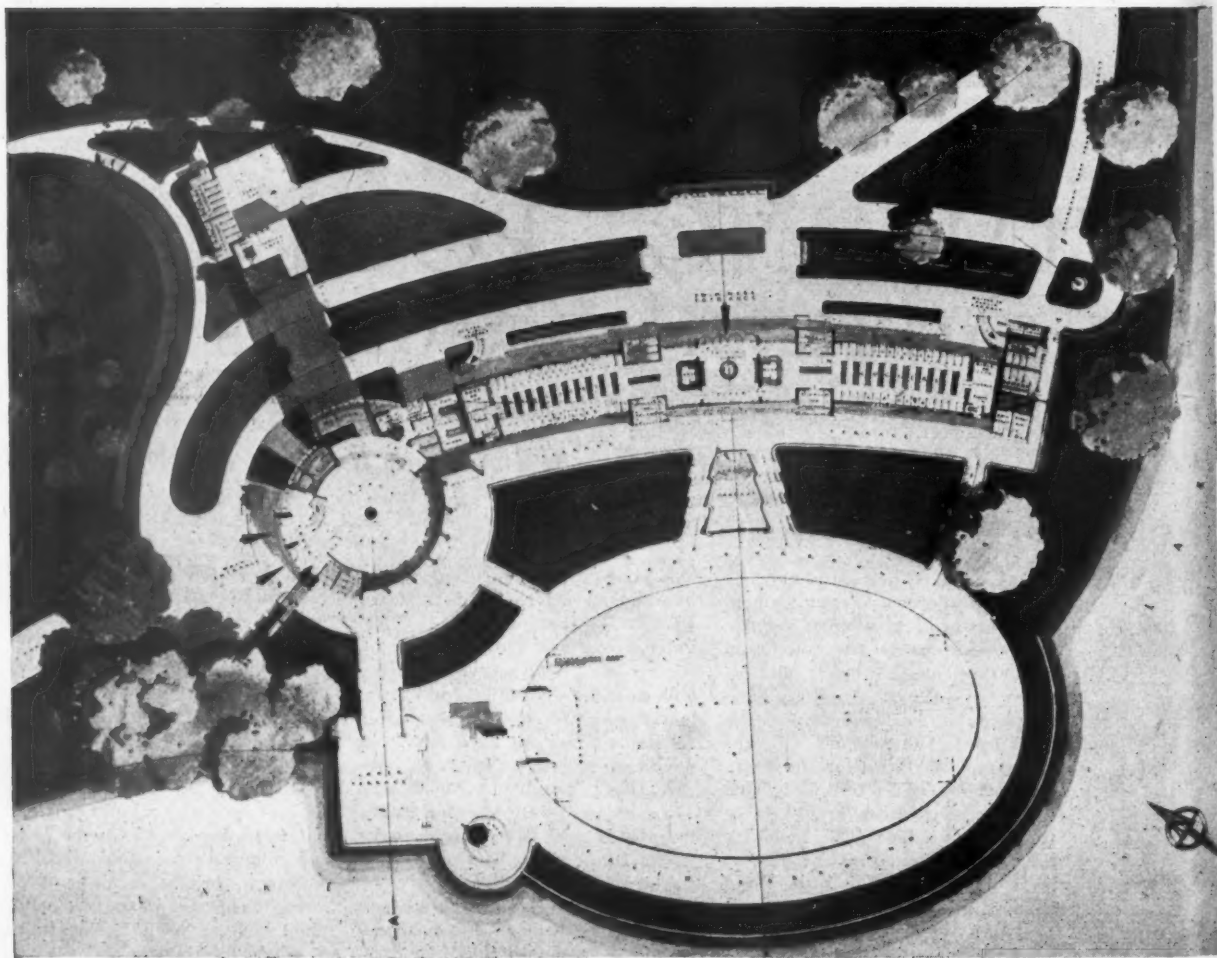
POOL AT REGENT'S PARK BY MOW



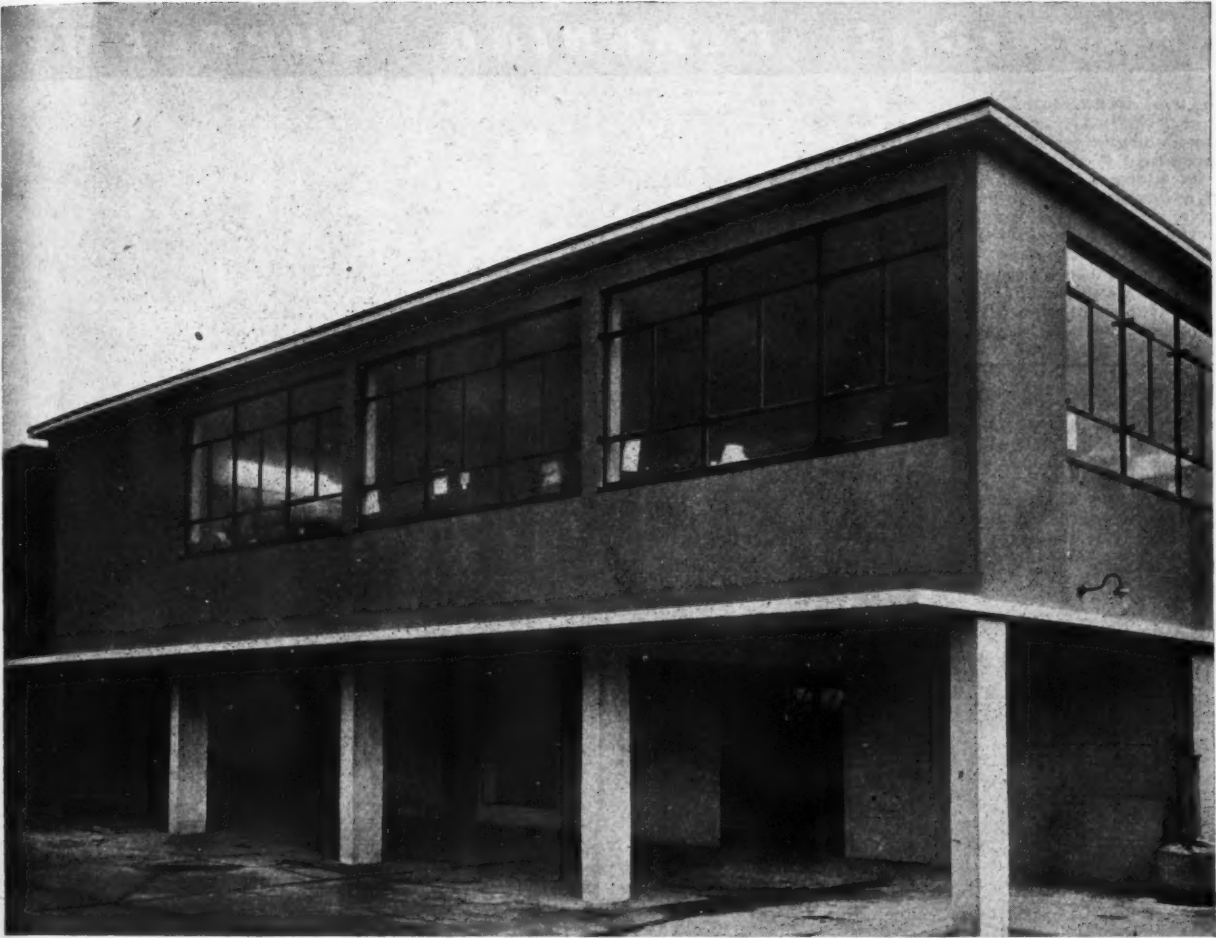
Elevation to the lake



First floor plan and basements

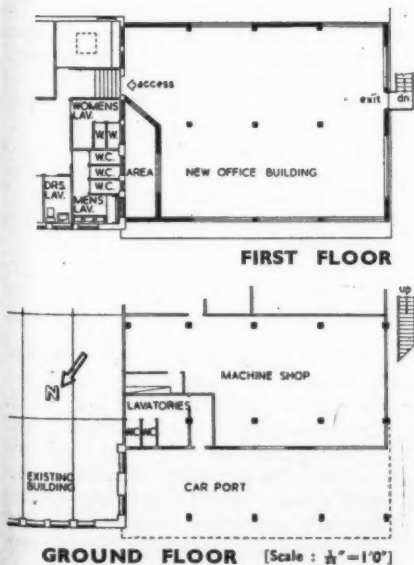


Ground floor plan



OFFICES AT BARKINGSIDE, ESSEX

BY EDWARD D. MILLS



GENERAL.—Messrs. B. Finch & Co. Ltd., required further office accommodation at first floor level as an extension to an existing office building. Covered space for parking cars was also required. The construction is of reinforced concrete frame, with concrete floors and roof, and concrete block walls. Windows are metal, and external walls have a buff coloured Tyrol-

can rendering. The concrete work is painted with cream cement paint.

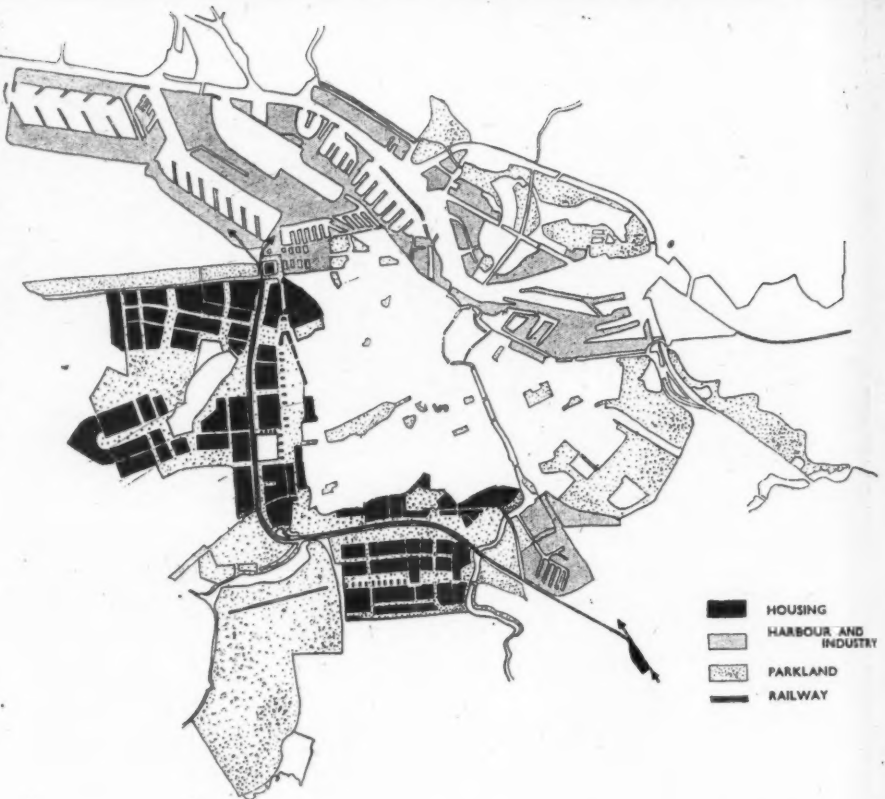
All walls are plastered and distempered, the ceilings have skim plaster on fibre board, with a distemper finish. Window cills and skirting are of quarry tiles. The general contractors were Messrs. A. E. Symes Ltd. For sub-contractors see page 146.



Top, from the west; right, the interior.

PHYSICAL PLANNING SUPPLEMENT

In the *Architectural Review* for June, 1938, Arthur Korn, in an article on the new general development plan for Amsterdam wrote: "Its adoption is the first instance of a capital city committing itself to a definite plan for its future worked out in detail on the basis of scientific preliminary research work." In these pages will be found a brief description of the detailed plan of one of the new suburbs which has been designed to fit in with the master plan. In the diagram of the general plan on the right the new suburb of "Slotermeer" is the top area indicated for housing with the new lake immediately below it. Provision is made for the extension of industry as well as housing. A new harbour in the west and a second industrial area in the south-east are designed to provide the industrial basis for an enlarged population.



SLOTERMEER

A NEIGHBOURHOOD UNIT IN AMSTERDAM

general

The general plan, for Amsterdam, prepared by the Office for Town Development and Expansion which was finally approved on July 18, 1939, made provision for two distinct types of housing areas. Both, however, are to provide accommodation for all classes of the community. In the zone between the ring railway and the built-up area the new housing will be largely of the same character as the existing development, *i.e.*, blocks of flats of three or four storeys, the high cost of the land being regarded as prohibitive for single family development. The new neighbourhoods outside the ring railway, however, are designed as units of 40,000 to 50,000 inhabitants, and are regarded as garden cities, though not of the type familiar in England with their widely spaced, detached and semi-detached houses. Though, indeed, there are to be a number of houses of this type in these new suburbs (see the diagram on page 138), the majority of the dwellings will be flats in blocks of varying heights up to twelve storeys. This arrangement is regarded as having most of the advantages of the English garden city without its expensive and time-consuming attenuated communications.

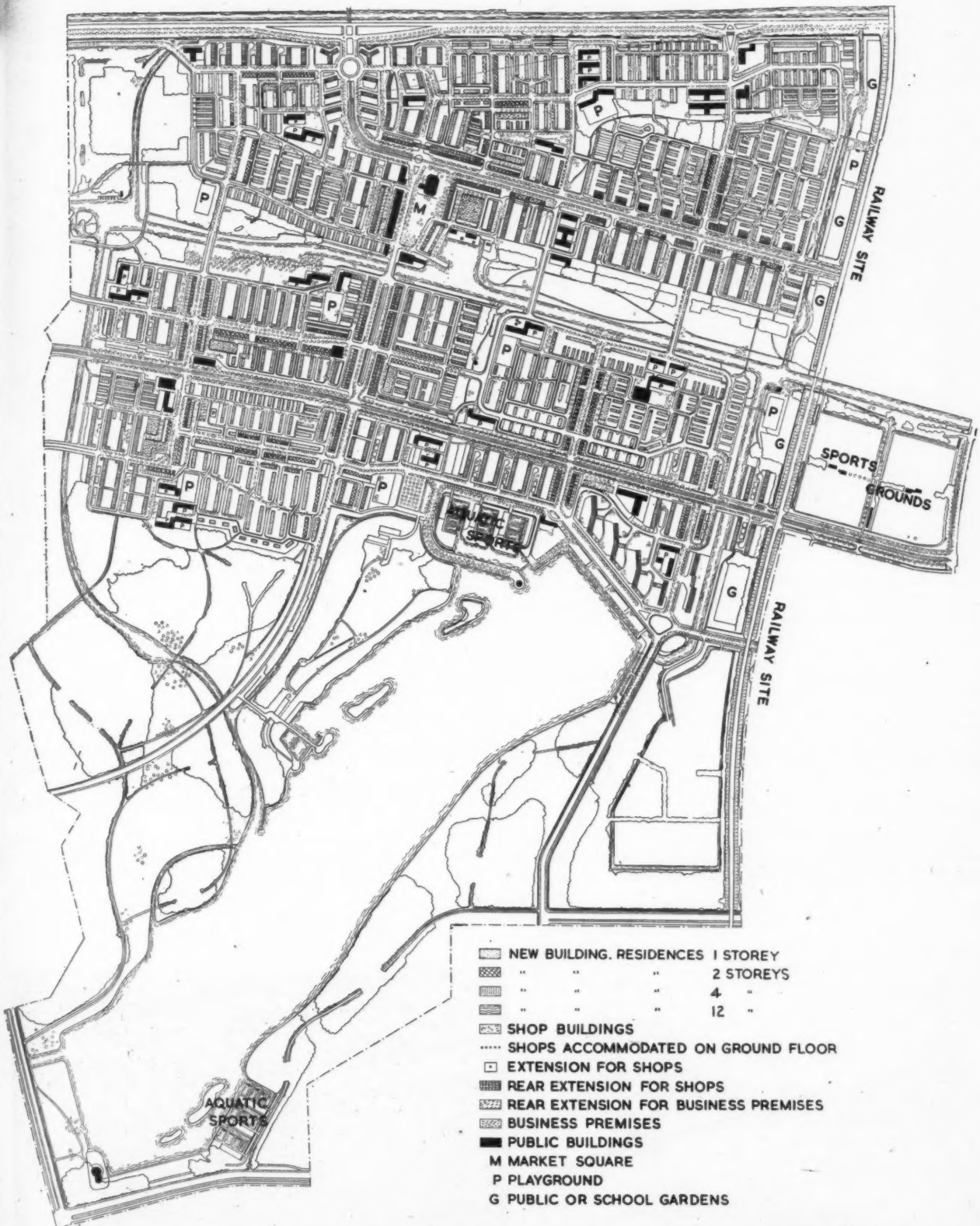
The suburb of "Slotermeer" is an example of this type of "garden city." This suburb is to be built near the proposed new docks and the industrial area, and will be occupied largely by industrial workers.

financial basis

Owing to the fact that the *polders* are some 10 feet below sea level, the plan provides for raising the ground level. The excavations from which the material will be taken to effect this will be flooded to form the lake called the "Slotermeer," which gives its name to the new suburb. An examination of the financial basis of the scheme indicates that the whole proposal, including the cost of acquiring land, the construction of canals and bridges, roads and sewers, the raising of the ground level, and the cost of the parks and open spaces, will be an economic one if 43 per cent. of the dwellings are one- and two-family houses and 57 per cent. four-storey blocks of flats.

zoning

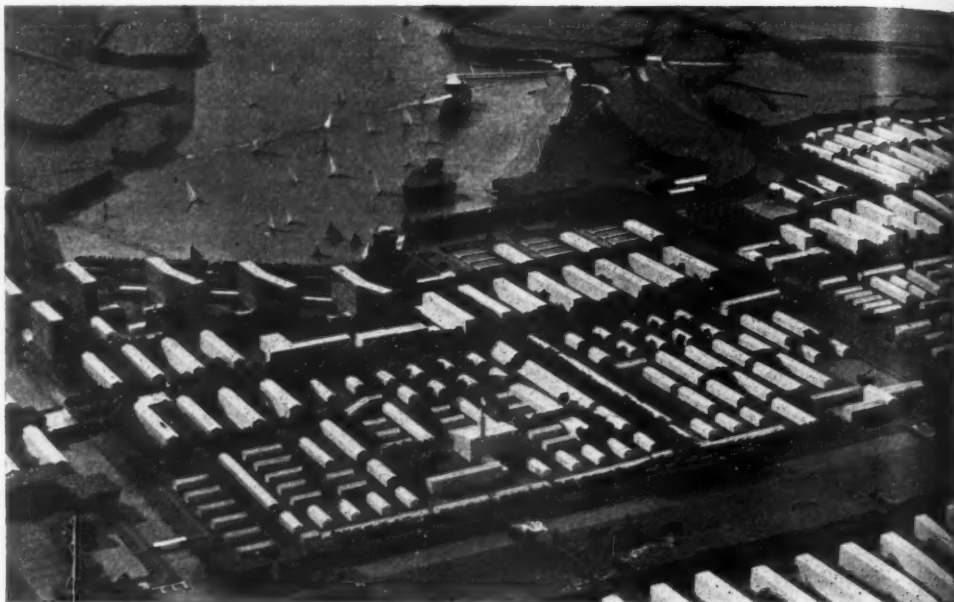
The plan provides for 11,000 dwellings altogether. Of these 3,500 will be one-family houses, 1,250 two-family, 5,300 flats will be provided in four-storey blocks, and 950 flats in the twelve-storey blocks. Only one-third of the building sites will be occupied by the flats, which are sited near main roads and bordering on the parks, so that the occupants will have immediate access to the open spaces, and the private gardens between the blocks of flats will strengthen the open character of the development. The one-family houses, occupying two-



The plan of the new "Slotermeer" suburb. The main road to Haarlem and the coast, with a canal parallel to it, forms the northern boundary of the area. On the east, the future ring railway separates the area from the adjoining projected suburb. The excavations from

which material required to raise the ground level of the housing area is obtained form a lake which will be used for boating and aquatic sports. The types of housing vary from detached houses to twelve-storey blocks of flats. The latter are planned to overlook the lake.

A photograph of a model of the new suburb from the north-east. Most of the twelve-storey blocks are sited to overlook the lake. Bottom, left, a diagram showing the relation of housing units of varying heights. Bottom right, the model looking north, with twelve-storey blocks of flats in the centre.



thirds of the total area, are planned in large groups, interspersed with open spaces. Some will be in rows, with private gardens adjacent. Though the density will be high by English garden-city standards, it is claimed that it will be a true "green city."

The average density is 28 dwellings per acre on the built-up area between the parks. If the neighbourhood parks are included, there will be 11,000 dwellings (excluding public buildings and workshops) on an area of 642 acres, which is approximately 16 dwellings per acre.

Near the centre of the neighbourhood a market-place is planned, with a church, a restaurant by the canal bank, a post office, and shops, to provide a civic centre for the whole unit. Studios and workshops are also included in the scheme. The schools, elementary, secondary, school of arts and crafts, a school of housekeeping, etc., have been sited to give interesting architectural grouping.

roads

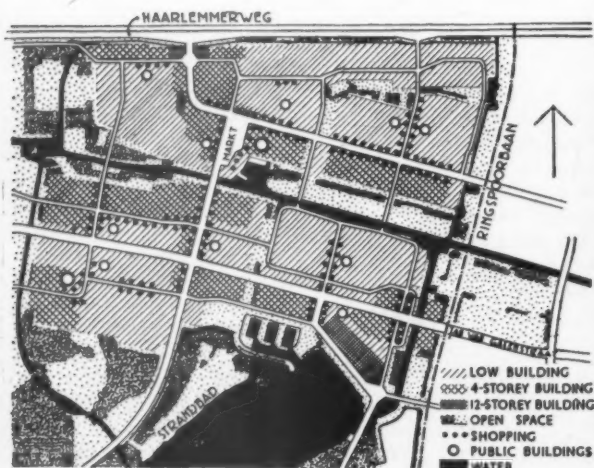
The road system has been designed to provide a strict separation between the main traffic arteries, the secondary roads for interlocal and major local traffic, and the minor roads giving

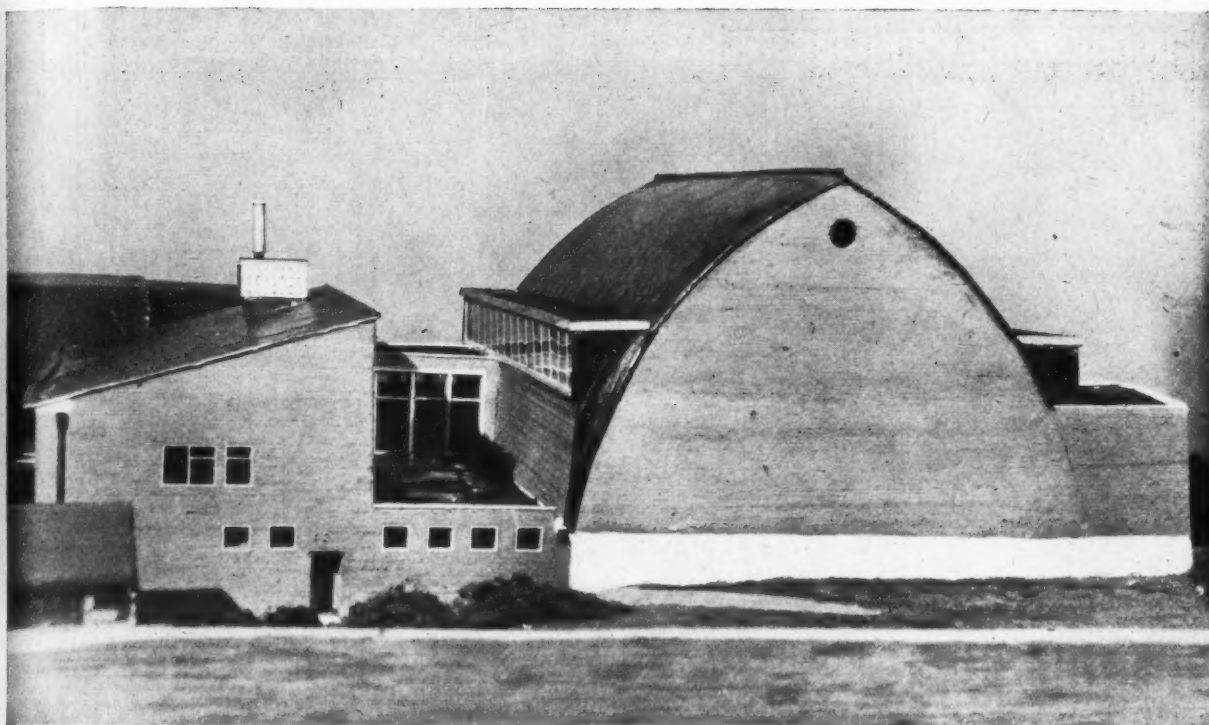
access to the dwellings. These minor roads have been planned to prevent through traffic. In the areas zoned for one-family houses, the roadway will be 14 ft. 9 in., with 5-ft. footpaths. Some of the rows of houses will have access by footpaths only. The four-storey blocks of flats will be 90 ft. apart, the roads running between them being about 19 ft. 6 in. wide, excluding pavements.

the lake

The lake will have an area of 195 acres, and will be formed by flooding the *polder* (reclaimed some centuries ago), from which much of the filling material for the built-up area will be taken. The lake will be surrounded by large parks and will form a recreation centre for the whole of the projected western extensions of the city. Along a part of the shore a bathing beach is provided, with harbours for boating and yachting and facilities for aquatic sports. At the northern end of the lake the group of twelve-storey flats will derive the full benefit of the view over the lake.

The whole scheme has been worked out by Amsterdam's Office for Town Development and Expansion, of which Van Eesteren, the Hon. President of CIAM, is the chief architect.





The side elevation.

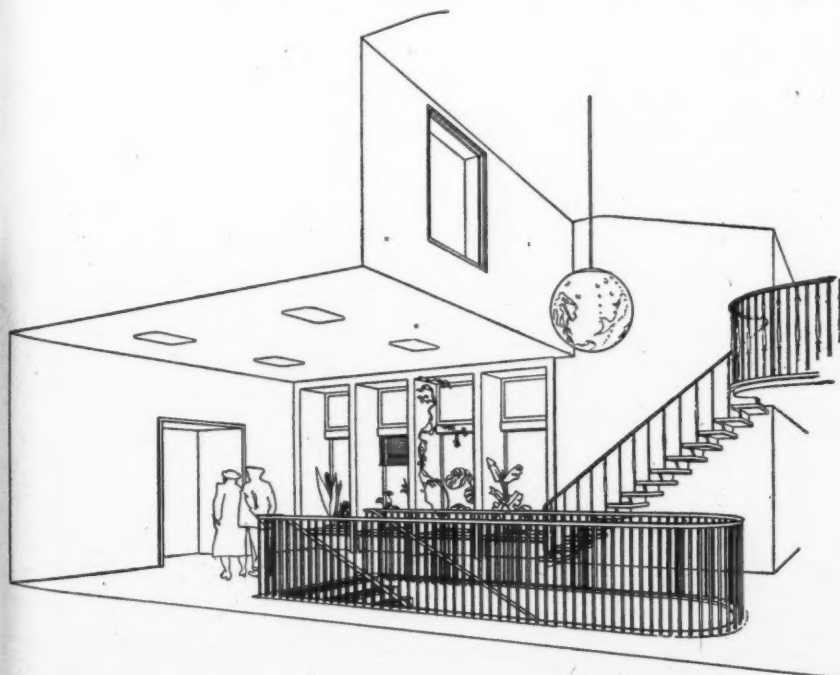
CLUB FOR EX-SERVICE MEN AT WEALDSTONE, MIDDLESEX

BY D. DEX HARRISON & ERNEST SEEL

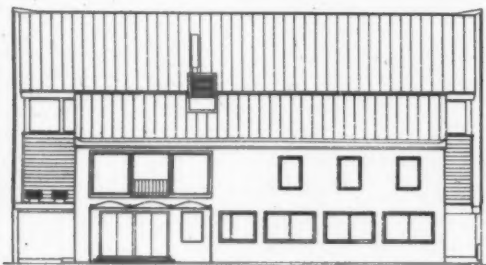
GENERAL.—The new premises are planned around the nucleus of an existing simple club building. The fullest site coverage permissible has been used in order to provide the required accommodation.

PLAN.—The ground floor club rooms, planned around a central bar, are for the exclusive use of members, who have a private side entrance, at "H" (see plan). Club rules also required a separated ladies' bar, seen at "F," with an independent entrance. The hall is planned as an all-purpose type, available for club use or for separate letting, and has a level floor and removable fore-stage.

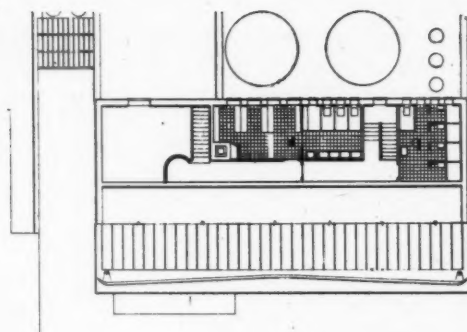
CONSTRUCTION.—The hall construction is of a reinforced concrete lamella of arch section, springing directly from the concrete floor, which acts as a tie, and stiffened midway by the continuous clerestorey window roofs.



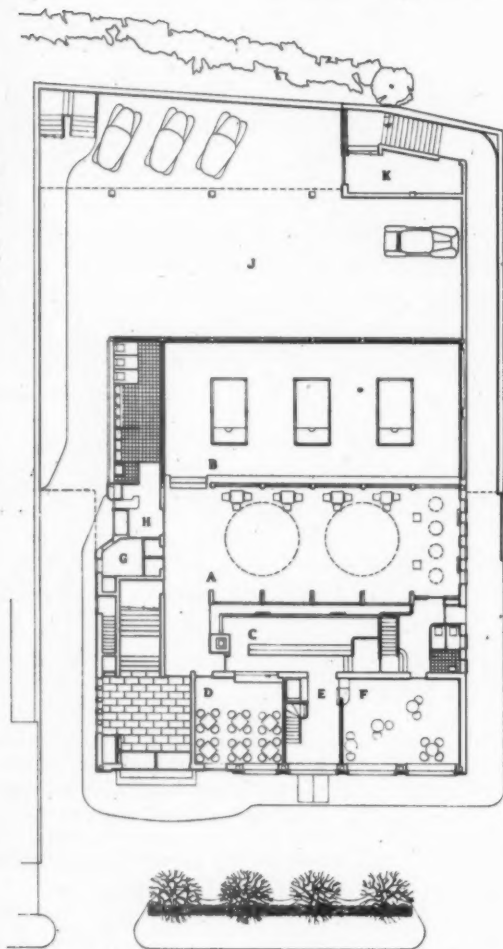
Sketch of first floor landing.



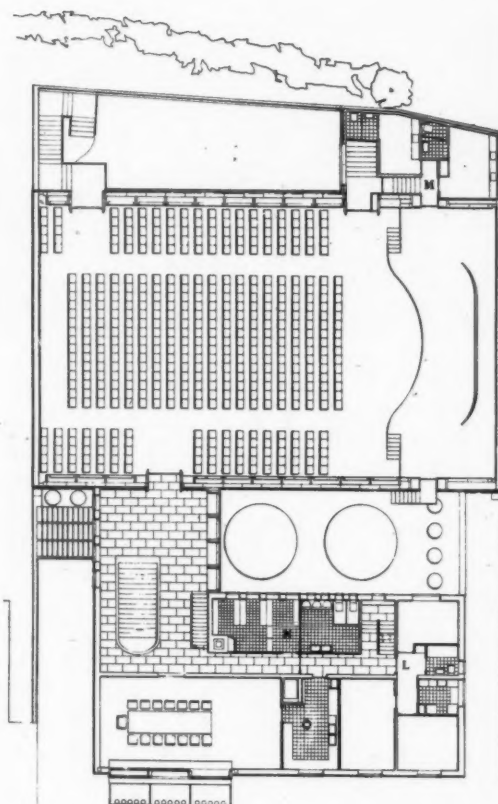
FRONT ELEVATION



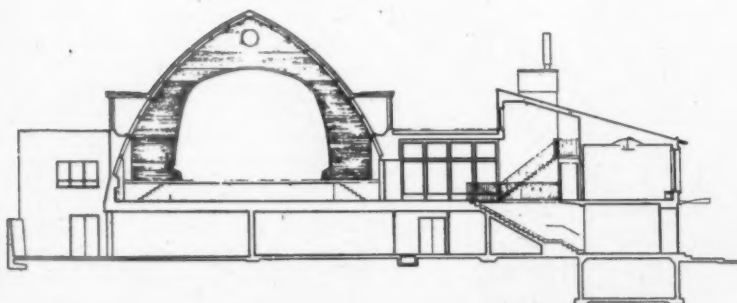
SECOND FLOOR



GROUND FLOOR. (Scale: $\frac{1}{4}$ " = 1' 0")



FIRST FLOOR



LONGITUDINAL SECTION

KEY TO ACCOMMODATION

- A. Main club bar room.
- B. Billiards.
- C. Bar, with steward's cubicle.
- D. Card room.
- E. Bottle store with beer cellar stairs and hoist.
- F. Ladies' bar.
- G. Secretary.
- H. Members' entrance.
- J. Covered car park.
- K. Property store.
- L. Steward's flat.
- M. Changing rooms.
- N. Male cloaks and lavatory.
- O. Service.
- P. Female cloaks and lavatory.
- Q. Members' showers.

EX-SERVICE CLUB BY HARRISON & SEEL

OR

OR

stair

E L

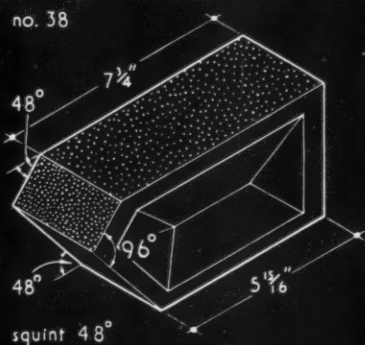
2

BRICKS | CLAY COMMON | GENERAL DATA

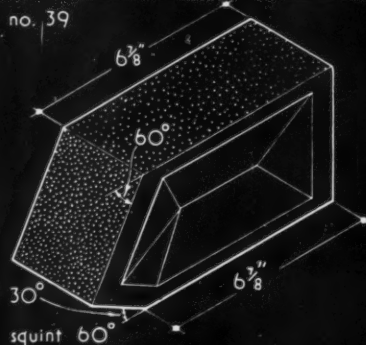
13.C11

The Architects' Journal Library of Information Sheets 89. Editor: Cotterell Butler A.R.I.B.A.

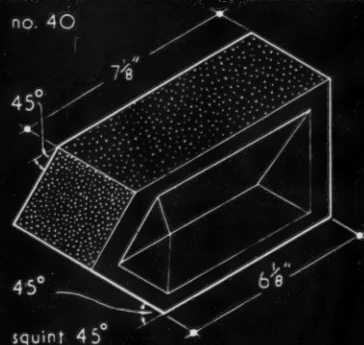
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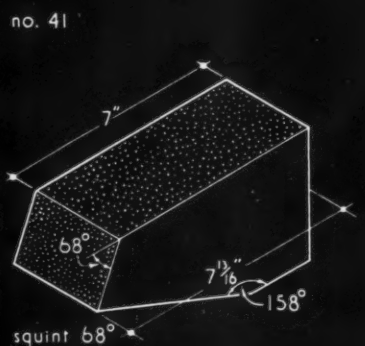
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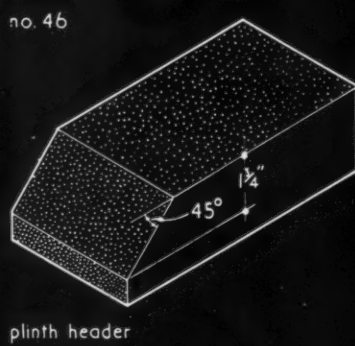
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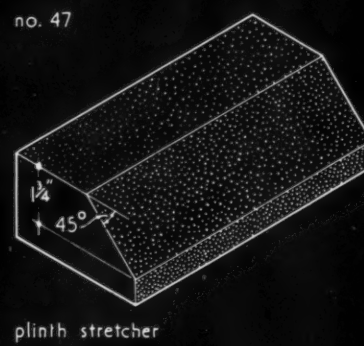
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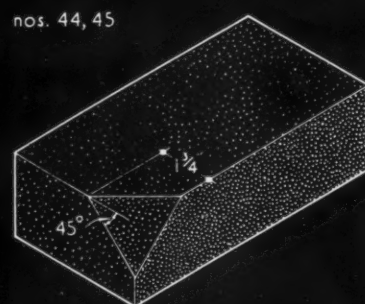
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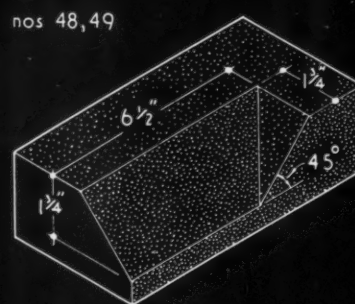
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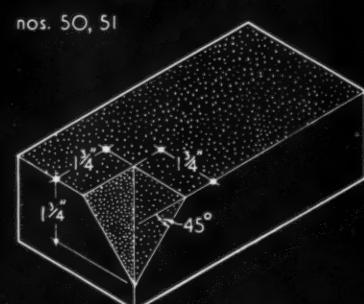
nos. 44, 45



nos. 48, 49



nos. 50, 51

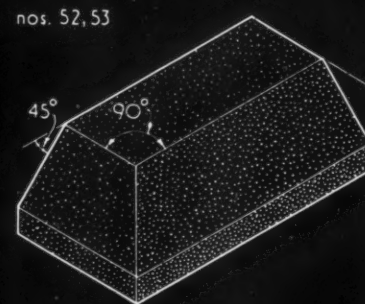


plinth stop
right or left hand

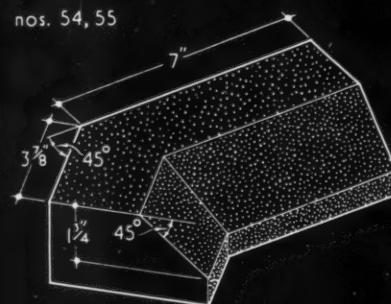
plinth internal return 6 1/2"
right or left hand

plinth internal return 1 3/4"
right or left hand

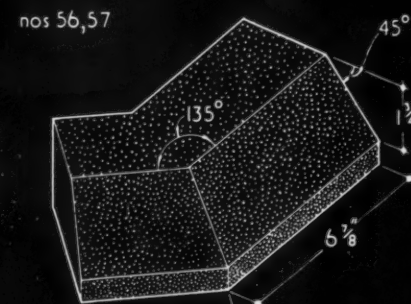
nos. 52, 53



nos. 54, 55



nos. 56, 57



plinth external return
right or left hand

plinth internal angle
right or left hand

plinth external angle
right or left hand

13.C11 · PHORPRES · BRICKS : STANDARD SPECIALS : 2. SQUINT AND PLINTH BRICKS

This Sheet is one of a series dealing with Phorpres bricks and describes squint and plinth standard specials. Sheet 13.C10 illustrates Phorpres bullnose standard specials and Sheet 13.C12 illustrates Phorpres miscellaneous standard specials, e.g., half round headers and stretchers, cant, culvert, birdsmouth, etc.

Schedule of Squint and Plinth Standard Specials

The following table gives the makers' number and description of the above standard specials. The quotation of the number is sufficient indication of the type required.

Makers' Number	Description
38	Squint 48°
39	" 60°
40	" 45°
41	" 68°
44	Plinth stop right hand
45	" " left hand
46	" header
47	" stretcher
48	" internal return right hand 6½ in.
49	" " left hand 6½ in.
50	" " right hand 1¼ in.
51	" " left hand 1¼ in.
52	Plinth external return right hand
53	" " left hand
54	" internal angle right hand 45°
55	" " left hand 45°
56	" external angle right hand 45°
57	" " left hand 45°

Sandfaced and Rusticated Finishes

All faces of standard specials required to be exposed are available sandfaced or rusticated. In those faces visible in the illustrations this is indicated by stippling.

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

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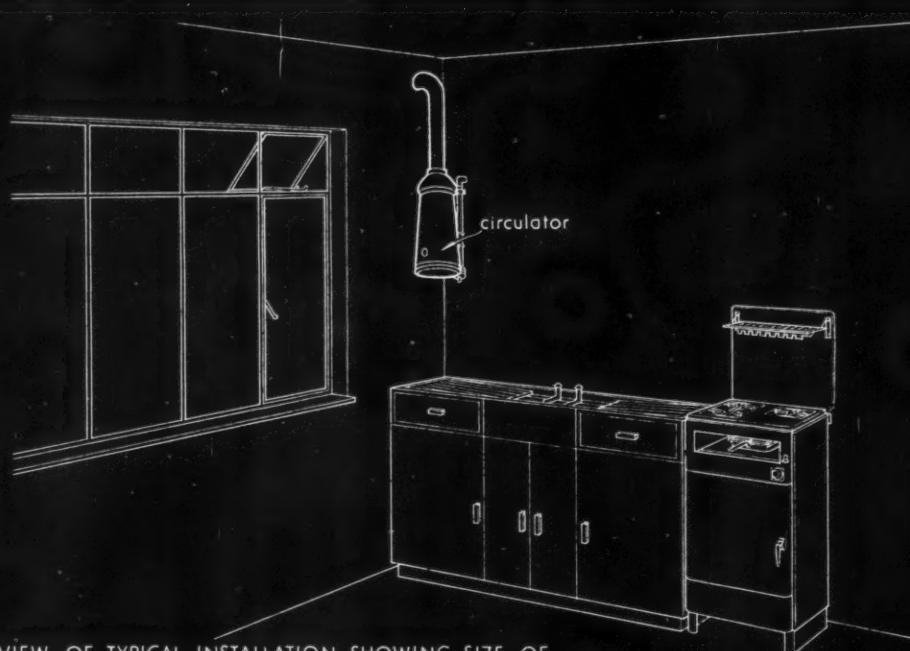
Editor : Cotterell Butler, A.R.I.B.A.

WATER HEATING UNITS GAS

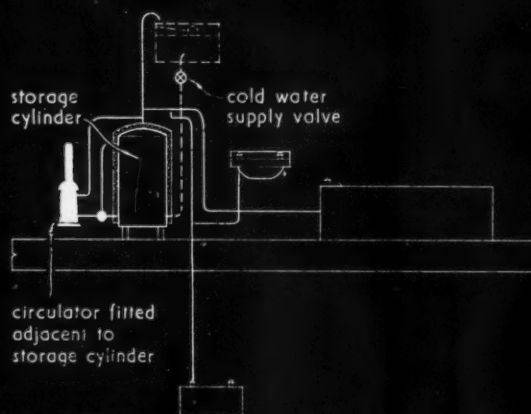
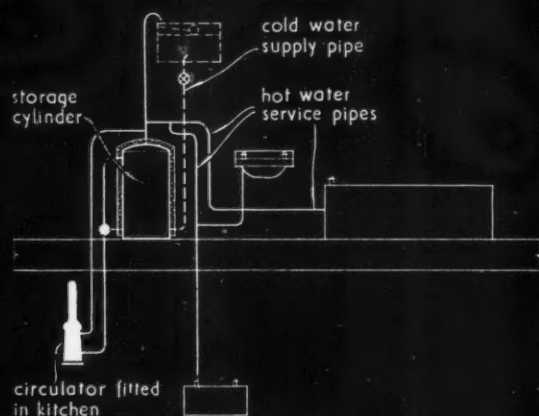
32.C2

The Architects' Journal Library of Information Sheets 90. Editor: Cotterell Butler, A.R.I.B.A.

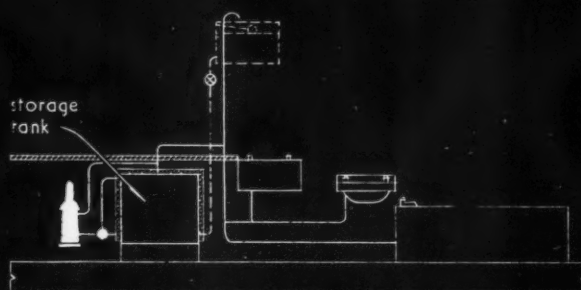
32.C2



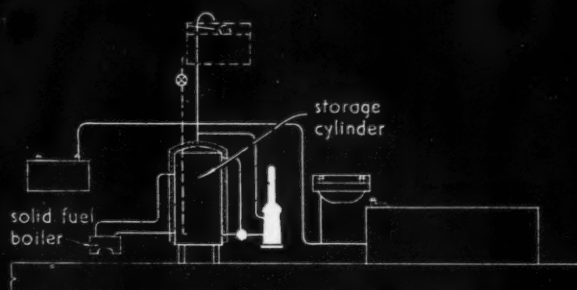
PERSPECTIVE VIEW OF TYPICAL INSTALLATION SHOWING SIZE OF CIRCULATOR RELATIVE TO STANDARD KITCHEN FITMENTS.



TYPICAL INSTALLATIONS AS SOLE MEANS OF HOT WATER SUPPLY OR AS AUXILIARY TO EXISTING SOLID FUEL BOILER.



FITTED UNDER A DRAINING BOARD OR IN A RECESS IN A BUNGALOW OR FLAT AS SOLE MEANS OF HOT WATER SUPPLY.



APPLIED TO AN EXISTING SOLID FUEL SYSTEM.

32.C2 · NEW WORLD · GAS-HEATED CIRCULATOR No. C28 : APPLICATIONS

This Sheet illustrates applications of the New World Circulator. Details of the circulator, together with a diagram showing it connected to a storage cylinder are given on Sheet 32.C1.

Applications

The perspective view illustrates a typical installation of the circulator, showing its size relative to other standard kitchen fittings. The centre diagrams show alternative arrangements when the circulator is used as a sole means of hot water supply, or as an auxiliary to the existing solid fuel boiler. The lower left hand diagram shows an arrangement when the circulator is used as a sole means of hot water supply. The lower right hand diagram shows an arrangement illustrating its use as an auxiliary to the existing solid fuel system.

Gas Connection

The circulator is provided with a union to take $\frac{1}{2}$ in. B.S.P. gas pipe. A $\frac{1}{4}$ in. gas tap should be fitted in

the supply pipe near the circulator, and, in districts where wide variations of gas pressure are known to occur, a constant pressure gas governor of 60 cu. ft./hr. capacity should be included.

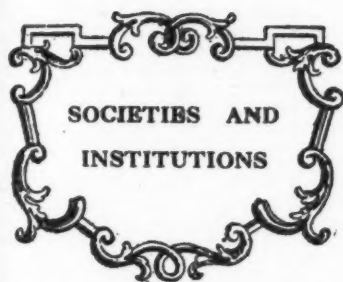
Water Connection

Connections are $\frac{3}{4}$ in. B.S.P. female, for both flow and return.

Compiled from information supplied by :

Radiation Ltd.

Address : 7 and 8, Stratford Place, London, W.1.
Telephone : Mayfair 6462.



Speeches and lectures delivered before societies as well as reports of their activities, are dealt with under this title, which includes professional societies, trade associations and government departments. To save space they are represented by their initials—see front cover. Lectures cannot usually be reported in full, but the extracts given are in the speaker's own words.

CVE

A. E. Richardson

June 30. An address by Professor A. E. Richardson given at the Fifth Annual Meeting of the Council for Visual Education on THE SPIRIT OF GEORGIAN ART AND ARCHITECTURE. Mr. Clough Williams-Ellis was in the chair.

Professor Richardson : The spirit of Georgian Art became manifest long before the Hanoverians came to England. It was the sense of freedom, due to the Revolution of 1688, which established the constitution and gave England the leadership in Europe. This engendered new scope for art in this country. England now found her proper place and mission; henceforth she would express her destiny visually. In this way the great forces of experience and national ingenuity were combined and henceforth everything was possible. Thus, the art of the eighteenth century came into full bud in the reign of Queen Anne. It is swayed by two external forces, one European, the other insular; we discern all the glamour of Stuart patronage combined with all the precise investigation of the age of Newton and the Royal Society. In other words, the arts were characteristically English.

Eighteenth century art thus began on a sure foundation. It would be possible for successive generations of artists to desire new forms as time and necessity determined. There would be scope for infinite variation because comfort was the goal and wealth was increasing. It was left to the patrons and the executors to formulate a code of rules and maxims to ensure order and regulate individual ambition. From now on the stream of the renaissance in England would flow in increasing volume, would, in fact, provide vitality to art in more distant lands. When we take a view of the great range of building in England extending from the time of Sir Christopher Wren to the early years of Queen Victoria's

reign, we notice that everything bears a classical impress. This also includes those strange essays in Gothic and Chinese which are also mildly classical. Even deeper than the classical impress is the dominant note of the English character. Patrons, craftsmen, and ordinary folk now understood one kind of beauty. There was more than a vague idea of precepts; they endeavoured to solve the secrets of Old Rome, and they borrowed all they required from the Continent of Europe in order to augment their stock of ideas.

THE RULE OF STYLE

The rule of the style became dominant: it was imposed on the greatest in the land, it was appropriated by the middling people, and it became a divining rod in the hands of the humble. This explains the rise of the carpenter, the mason, and the bricklayer to architectural status. This acceptance of a universal ideal brought everything to perfection, or as near to perfection as man can reasonably expect to bring ordinary things. This explains the beauty of brick surfaces, the just proportion of doors and windows, and the very satisfactory detail which we all admire today. This classical form impressed itself on everything, as can be seen from examples in museums and in antique shops. It became ascendant and justifiable because it disciplined ordinary men and made them polished. In no branch was it displayed more decidedly than in building, and in no time did it show itself more clearly than in the second half of the eighteenth century. For nearly a hundred years artists were striving for perfection; eventually they had it at command.

Then came the inevitable decline and the substitution of the mechanical for the polite. For the arts belong to the spiritual side of existence and form part of the well-being of social organization; they provide a sure index to affairs. In spite of moods and of decline, however, there is something secret which keeps the love of art going, something that renders artists superior to scorn and neglect. Thus, each great period of art, apart from the opinion of critics, can be regarded as a perennial source of inspiration. This is why we are interested in the arts of the eighteenth century, which offer such truths and such contrasts to those of our own times. I have a special object in view in referring to the spirit of Georgian art.

THE PURSUIT OF AN IDEAL

The Georgian period was not only a lengthy one, it was consistent in its pursuit of an ideal. It was, in a sense, the outcome of an epidemic of creative talent. This may have been due to a deep-seated emotional cause which led to the spiritual contagion of all classes of society. The people were strong and vital; they were industrious and they had common sense. Their inflexibility and willingness to take the long view was due to their insularity, but they were both curious and envious of their neighbours' achievements. This engendered qualities of emulation. The climate and the vortex of home affairs also played no small part in moulding art to a national pattern. The main-spring of events, however, can be traced to the general prosperity which was the outcome of wise political leadership. The percolation of culture to various levels was also an important factor in the betterment of the arts. Thus social prestige, which accompanies the possession of good things, was very much sought for in an age of definite grades of society.

THE GOLDEN AGE

Let us take the art of architecture first. The refined classic manner began with the works of Inigo Jones in the middle of the seventeenth century; it reached a new level at the hands of Sir Christopher Wren. In the early eighteenth century Lord Burlington and his henchman, William Kent, brought about a revival of the style of Inigo

Jones which grew into a new fervour for the work of Palladio. Then was begun the era of country house building on the great scale. From this came the development of Bath, where the façades of classical country houses are joined together to form comprehensive designs. From this again was developed the monumental treatment for public buildings, of which Somerset House is such a striking example. From this again came the building of Regent Street and the New Town at Edinburgh. Meanwhile the brothers Adam, Carr of York, the Wyatts of whom there was a whole family, Leverton, Dance, Holland, Soane and others were working in their respective spheres to deal with the demands of a vast circle of clients.

Architecture had become part of the ambitions of the middling people; in fact, it had cast its beneficent mantle over the respectable tradespeople and artisans. Herein is one explanation of the self-education of the working classes, for whom copy-books and exemplars were published from time to time. We see the folk-lore of the crafts translated for the first time into print, with line illustrations. Viewed broadly, architecture in the eighteenth century was graded. In the first grade the great tomes played a part; in the second grade the lesser works are reflected; in the third division the influence of the popular copy-book is seen in the design of doors, windows and fireplaces. We should not forget the advent of the Birmingham catalogue, with its array of illustrations of locks, bolts, and bars, or the special books devoted to fireplaces, ceilings and door cases. Architecture below a certain level was admired for its neatness; above a certain level for its magnificence. Everybody understood the value of organized planning, especially the geometrical arrangement of volumes and spaces. What is really outstanding is the fact that all the subsidiary arts and crafts emulated the spirit of architecture in the forms of things visual. In other words, the classical impress was modified and adapted time and again. In all this, too, is to be discovered the influence of archaeological research, first in Italy and then in Greece. Gradually French influences gave way to forceful insular design, until, towards the end of the century, French architecture to a great extent began to reflect English reticence.

THE CRAFTS

The spirit of Georgian art seems to have accompanied all things made for use and beauty. We find the pottery and the ceramics to be exceptionally charming. There are the punch bowls which delighted our forebears; there are the milk jugs and the tea sets, the salt-glazed beer mugs and the ornamental vases by Wedgwood. Then we have porcelain and earthenware figurants, such as George the Third, Wesley and others. The Chelsea and Derby figures are superb and the glass superfine. Never were such urns and vases fashioned in silver, never such exquisite sugar bowls and salt cellars, dish rings and centre pieces. As for the candlesticks, the variety of designs is endless; knives, forks, urns—all are delightful.

If I were to attempt to describe Georgian furniture I should need many opportunities to lecture on the form and detail of so many masterpieces. The age of walnut, the age of mahogany, the age of satinwood might well call for five or six lectures each; and so would the matter of textiles and carpets, cotton prints, curtains, table covers and damasks. Even to write about such superb creations is a delight and makes one envious of something beyond human reach. Yet all these things were at one time common and in daily use. Now, by studying Georgian art we aim at some idea of what the period implies. We live in times not wholly dissimilar; the spirit is the same, the form not wholly lost. There should be unity in attempting intelligent evolution. This does not imply copyism, but it does demand study.

**INFORMATION CENTRE • INFORMATION SHEETS
QUESTIONS AND ANSWERS • CURRENT TECHNIQUE
THE INDUSTRY • PRICES • TECHNICAL ARTICLES**

TECHNICAL SECTION

A digest of current information prepared by independent specialists; printed on one side of the paper only, to allow readers to cut out the items for filing and paste them up in classified order. Headings below.

INFORMATION CENTRE

1 SOCIOLOGY. 2 PLANNING: General. 3 PLANNING: Regional and National. 4 PLANNING: Urban and Rural. 5 PLANNING: Public Utilities. 6 PLANNING: Social and Recreational. 7 PRACTICE. 8 SURVEYING, SPECIFICATION. 9 DESIGN: General. 10 DESIGN: Building Types. 11 MATERIALS: General. 12 MATERIALS: Metal. 13 MATERIALS: Timber. 14 MATERIALS: Concrete. 15 MATERIALS: Applied Finishes, Treatments. 16 MATERIALS: Miscellaneous. 17 CONSTRUCTION: General. 18 CONSTRUCTION: Theory. 19 CONSTRUCTION: Details. 20 CONSTRUCTION: Complete Structures. 21 CONSTRUCTION: Miscellaneous. 22 SOUND INSULATION, ACOUSTICS. 23 HEATING, VENTILATION. 24 LIGHTING. 25 WATER SUPPLY, SANITATION. 26 SERVICES, EQUIPMENT: Miscellaneous. 27 FURNITURE, FITTINGS. 28 MISCELLANEOUS.

2.45 planning: general 1947 ACT, GENERAL DEVELOPMENT

Town and Country Planning, England: The Town and Country Planning (General Development) Order, 1948: Statutory Instruments, 1948, No. 958, May 5, 1948. Min. of Town and Country Planning. (HMSO, 1948. 5d.)

Order applicable to all land in England and Wales, providing for grant of permission for development of land under Part III of Town and Country Planning Act, 1947.

Article 3 of this order and its First Schedule specify permitted development covering development within the curtilage of a dwelling-house; gates and fences, etc.; changes of use; temporary uses; uses by members of recreational organizations; agricultural buildings, works and uses; forestry buildings and works; development for industrial purposes; repairs to unadopted streets and private ways; repairs to services; war-damaged buildings, works and plant; development under local or private Acts, or Orders; development by local authorities, by local highway or improvement authorities, by drainage and sewerage authorities, by educational authorities, by statutory and mineral undertakers, by the National Coal Board; and development previously sanctioned by a Government Department.

Articles 5 to 12 of the order and its Second Schedule deal with applications for permission made to local planning authorities and cover directions restricting the grant of permission; special provisions as to permission for development affecting trunk roads; development not in accordance with the development plan; consultation as to applications for permission; reference of applications to the Minister of Town and Country Planning; appeals; and the register of applications to be kept by local planning authorities.

2.46 planning: general PLANNING PERMISSION

Model Form of Application for Planning Permission: Circular No. 45, May 28, 1948. Min. of Town and Country Planning. (HMSO, 1948. 2d.)

Proposed model form of application for planning permission under Town and Country Planning Act, 1947, intended as a guide for local planning authorities.

It is stated that the form can be either adopted or varied to suit local circumstances. In addition to the actual form the circular contains notes for guidance in completing the application, and notes on the plans which are to accompany the application, with special reference to the site plan, the layout plan, and to block and building plans.

Reference is also made to the Ministry of Town and Country Planning Circular No. 41, dated April 14, 1948, entitled *Town and Country Planning (Making of Applications) Regulations, 1948* (HMSO, 1948. 2d.), the appendix to which gives a suggestion of how a system of separate forms might work having regard to the different combinations of forms in present use.

10.33 design: building types HOUSING: COMMUNAL FACILITIES

Communal Facilities on Block Dwelling Estates. P. L. Leigh-Breese. (National Housing and Town Planning Council, 1948. 2s. 6d.)

Informative notes based on experience on London housing estates provided by Guinness Trust. Description of landlord's services and tenants' welfare.

Communal facilities provided by the landlord include refuse disposal, laundries, drying rooms, coal storage and pram sheds. The author states that refuse disposal by means of smooth-faced dust chutes with portable containers has proved the most satisfactory system on the estates, which consist partly of associated tenements and partly of self-contained flats.

The provision of small laundries on each floor of each block to be shared by some three to six tenants proved to be a workable solution on the earlier estates. Experience on the modern estates, however, has shown that tenants prefer to have washing facilities in their own flats. The author mentions the modern communal laundry, and notes some of the objections housewives have raised against them. None of these objections seem really convincing, and arise obviously from the fact that other just as important communal facilities such as, for instance, nurseries are not available.

The Trust's estates have enclosed heated drying rooms with numbered lines, open for ten minutes at certain times during the day. The system works well, though most use of it is made on Mondays only, leaving the rooms during the latter part of the week scarcely in use. One reason for this is that tenants with young babies do their smalls, napkins, etc., daily and dry these round their own kitchen fire.

No details of coal storage are given except that it is stated that the Trust's custom to

buy coal in bulk and to retail it at cost price on each estate necessitates arrangements for bulk storage.

Provision of pram sheds was first based on two sheds for every three dwellings, but experience has shown that one shed per dwelling is necessary, located at ground level and as close as possible to the main entrance of the block.

Aspects of the Trust's tenants' welfare activities described cover the provision of allotments, window box competitions, clubs and holiday facilities. The notes on clubs and holiday facilities are interesting as they show the beneficial influence on a community of successfully run social services.

12.20 materials: metal GLOSSARY: COPPER, ZINC, BRASS

Glossary of Terms Applicable to Wrought Products in Copper, Zinc, Brass and other Alloys. B.S. 1420:1947. (British Standards Institution. 2s.)

Glossary of definitions current in commercial practice explained with the help of numerous diagrams.

This standard, which deals alphabetically with one hundred and thirty definitions, is the work of a committee, set up by the British Non-Ferrous Metals Federation of the trade associations concerned. The glossary, the scope of which is limited to wrought products, will, it is hoped, form one of a series covering raw materials, cast shapes and possibly certain fabricated products.

13.24 materials: timber SECONDARY SPECIES

The Secondary Species. H. E. Desch. (Wood, June, 1948, p. 173.)

Discussion of possible uses for secondary species from tropical forests.

In tropical forests, from 50-70 per cent. of the average stand consists of timbers which do not belong to one of the outstanding types. The article discusses the use of these timbers when in order to fell the outstanding types it is found necessary for economic reasons to resort to intensive logging of all types.

It is suggested that instead of these inferior types becoming a drug on the market they should be converted, with suitable adhesives into laminated timbers for which an allowable working stress should be determined in order to provide a "uniform" material which could be used in engineering methods, and which might be used in many cases instead of steel.

13.25 materials: timber PLYWOODS FROM BRAZIL

Brazilian Plywood. (Wood, June, 1948, pp. 176-177.)

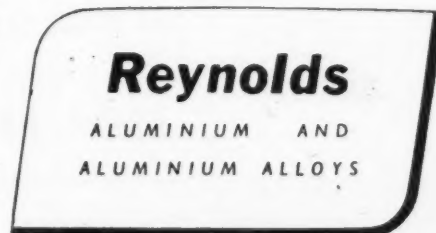
Description of the production and characteristics of Brazilian plywoods, particularly those made from Brazilian Pine. Illustrated.

Ninety per cent. of the plywood produced in Brazil is made from Parana—the Brazilian Pine. The knots in the heartwood, although numerous, occur in regularly spaced horizontal bands and there are few other defects, thus eighty per cent. of the sheets produced are without joins. The sapwood is almost white and is generally wide, which enables one surface of each sheet at least to be faced clean and white, and as the timber is harder than most softwoods the surface can be given a very smooth finish. The resin, although present in large quantities in the bark, does not penetrate the wood itself, and the finished plywood is dry and free from smell and therefore suitable for plating in contact with food. Since it is not resistant to



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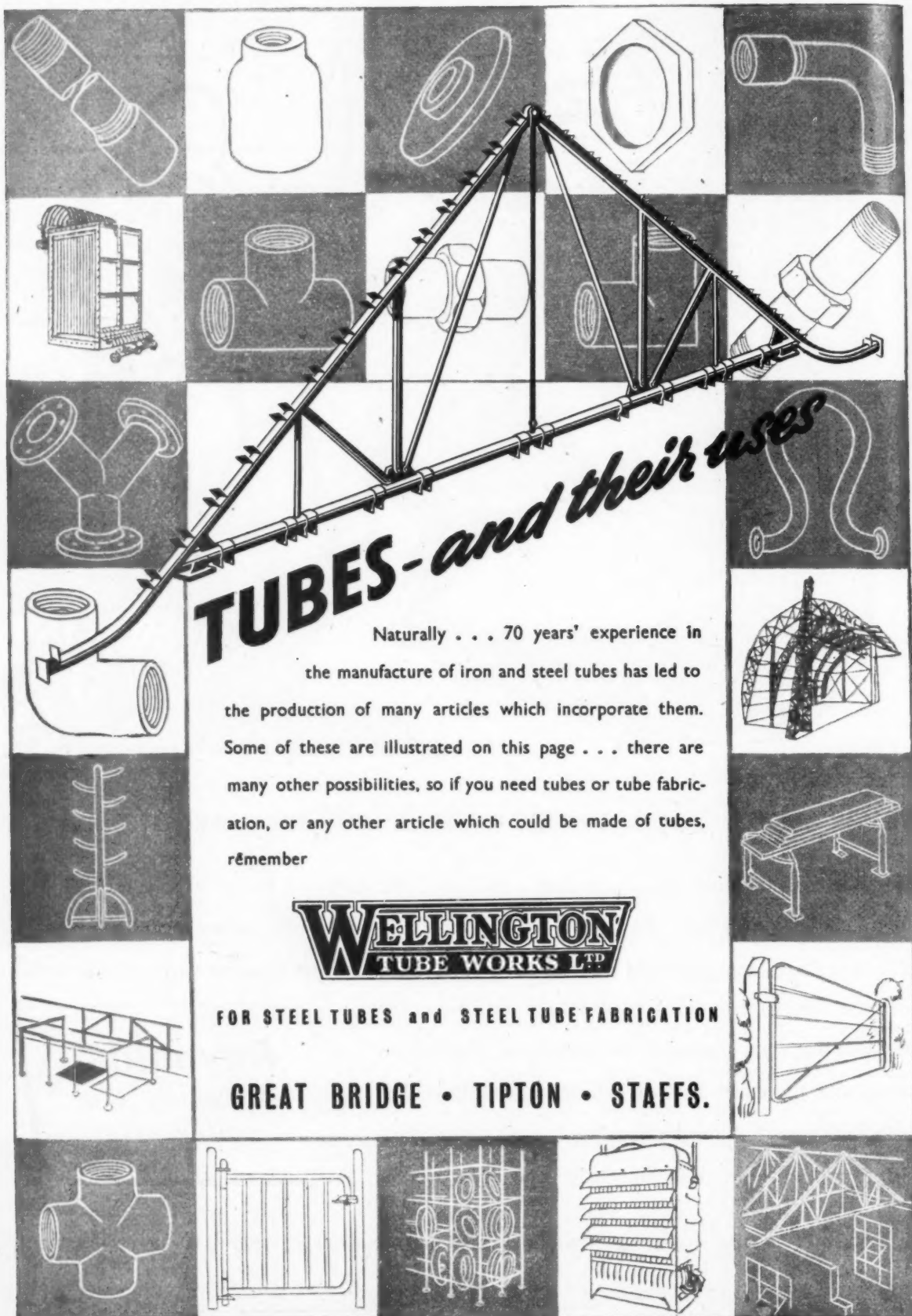
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decay this timber is not suitable for external use.

The plywood industry in Brazil is in a state of rapid development, thus at present a wide range is found in the quality of the finished products coming from different factories, where different methods of manufacture are employed according to the stage in the modernization.

A number of other timbers are used, amongst them the hardwood known as Cedro which makes a plywood which is resistant to beetle attack, and is thus in demand for use in the tropics.

Seventy-five per cent. of the plywood produced in Brazil was exported until the recent currency restrictions in the importing countries imposed a severe setback on many of the factories which were undergoing a process of modernization.

15.28 materials : applied finishes COMPOSITION FLOORING

Magnesium Oxychloride Flooring. Draft BS C. of P. 204.107: 1948. (British Standards Institution, 2s.)

A useful code giving helpful details of a process previously left largely in the hands of sub-contractors. A number of items affect preparation of sub-floor and use of adjoining materials.

Magnesium Oxychloride flooring was, for a time, in danger of getting a bad name because its properties were little understood and because some firms failed to take the precautions needed for good results. The formation of a trade association and the preparation by them of a standard specification before the war was a useful step forward. The present code goes further and is a most useful document. It contains some unnecessary repetition and one or two questionable statements, but in the main gives useful information. Preparation of

sub-flooring, particularly in the matter of dryness is important and the extreme importance of protection of metals from corrosion by the magnesium oxychloride must be noted. The proper maintenance of the finished floor by wax polishing and the avoidance of cleaning with strong soda solution are also mentioned.

Apart from a general description of the characteristics of this type of finish, the real value of this code is that it gives fairly full details of the raw material, proportions of mix and, most important, a description of workmanship. This last point is most important with this type of flooring. Its liability to sweating is also dealt with.

Points on which the code might be queried are its description of the floor as moderately resilient, which does not seem consistent with hardness values given in a Table in an Appendix. The recommendation for expansion joints does not require these to occur over beams in the supporting floor, although it is often at such places that cracks first appear, and although one or two coat work of varying thicknesses is described, no useful guide is given to the respective merits of these. These, however, are comparatively minor criticisms of an otherwise useful document.

17.32 construction : general ECONOMY OF TIMBER

The Economy of Timber in Building. By R. G. Bateson. (Crosby Lockwood & Son Ltd., 1948, 7s. 6d.)

Need for economy of timber. Its predominating position in building. Properties, preservation and most economical use of timber in carcassing, and in joinery and decorative work. The "one standard" house. Future use of timber in housing.

This book is concerned with the proper use of timber as a building material. The author, who has gained his experience in the Forest Products Research Laboratory before the war, and in the Chief Scientific Adviser's Division in the M.O.W. since the war, is of the opinion that, apart from the present shortage of timber, even when it becomes once more available in adequate quantities, it is doubtful whether we shall ever go back to our pre-war consumption of soft wood in building. It is improbable that timber will ever again be as cheap as it was before the war. We have discovered that our pre-war habits were unnecessarily wasteful of timber, and that we can secure just as good a job by using less timber in a different way. Further, the use of plywood and other laminated forms of construction allow a great reduction of the volume of timber required.

At the same time, it has to be borne in mind that timber has been the basic building material, especially in house construction, for thousands of years. While the structural use of timber in walls gradually gave place to brick and stone, timber still forms the structural members for roofs and upper floors in small buildings and is predominantly used for internal fittings. No other material combines all the desirable properties of wood and there is, therefore, no one material that can be said to be a true substitute for timber.

Even before the last war large sizes of timber were difficult to obtain and in larger buildings timber as a structural material had given way to steel and reinforced concrete. The invention of plywood and laminated construction, however, made timber again competitive in large span structures, and in stressed-skin construction a new element was evolved, suitable for small house building. Timber as a flooring material has been reluctantly abandoned for the time being in certain instances, but the author is convinced that it will return again. By the demand for built-in furniture a new field was opened for timber in building, though presumably at the expense of the

furnishing trades. The scientific approach to the study of building is of recent origin. Only by devoting to it the same care and attention as to other building materials can we use it in the best possible way.

Guided by these considerations, the author investigates step by step how timber is distributed throughout the house in order to discover where it can be cut down or eliminated. He deals in detail with the preservation of timber employed in building and makes suggestions, illustrated by sketches, diagrams and tables, for the most economic use of timber, in carcassing, in joinery and decorative work. The "one standard" house, as against the present allocation of 1.6 standards of soft-wood per house of 1,000 sq. ft. of floor area, maintaining timber in the first floor and roof, is made possible by the utmost economy in every detail. The possibilities of replacing timber (e.g., in ground floors, windows, etc.), are discussed with a view on the relative merits of the alternatives. The last chapter is devoted to the future trends of the use of timber in building. The author anticipates a tendency towards laminated timber products which are likely to replace solid timber.

The whole book is most stimulating, it is written with thorough knowledge of and enthusiasm for its subject.

This feature answers any question connected with building confidentially and free of charge. Questions to the Technical Editor, The Architects' Journal, 9, 11 and 13, Queen Anne's Gate, S.W.1.

QUESTIONS AND ANSWERS

2953 T. & C.P. ACT 1947 : CONVERSIONS

Q A client wishes to purchase an old barn for conversion into a private dwelling house without increasing the cubic capacity of the building. Under the new Town and Country Planning Bill it would appear that he would never be able to sell this house for more than the estimated value of the original barn. The existing use would be changed and any increase in value would therefore be payable to the Central Land Board as a development charge. Is this correct?

A The position under the Town and Country Planning Act, 1947, would appear to be as follows:—

The client would purchase the barn at its existing use value.

Applications would then be made to the local planning authority for permission to convert the barn into a private dwelling house, to the Central Land Board to settle the development charge and to the local authority for permission under bye-laws.

If these consents were obtained, the development charge paid and the work carried out, the house could be sold for any sum. The development charge having been paid, the value of the house as a house does not concern the State, as any increase in its value accrues without development and the increase remains with the owner. It is only the increase in the value of the land due to the permitted development which is payable to the State.

The purchase of the barn would be conditional on all consents being given and to the development charge being satisfactory. There is power under the Building Materials and Housing Act, 1945, for the building licence to limit the price for which a house may be sold, but this has nothing to do with the Town Planning Act and unless the 1945 Act is continued, the power to limit the selling price will expire on December 20, 1949, after which date the house may be sold for any price.

The form printed below is to assist readers requiring up-to-date information on building products and services. Complete and post it to The Architects' Journal, 9, 11 and 13, Queen Anne's Gate, S.W.1, and the advertisers listed will be asked to supply information direct.

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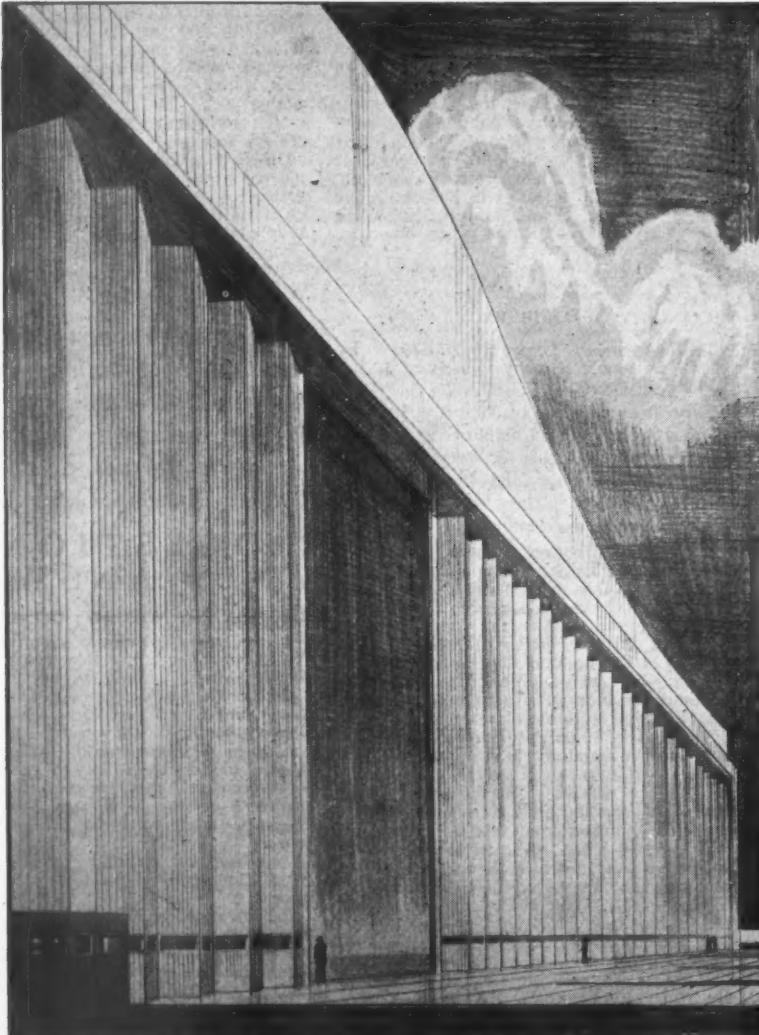
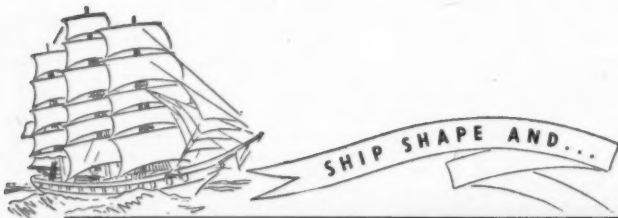
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BUILDING MATERIALS PRICES

[By Ian Bowen]

THE INDEX NUMBER AT MAY, 1948

The index number for the middle of the second quarter of 1948 is 208.3. This is the average rise in price since August, 1939, of the 44 Building Materials covered by the Index, the items being given constant weights based on their estimated peace-time usage. As the following table shows, for the first time since the end of the war, the advance in prices has on average been halted, and indeed a slight fall has to be recorded:—

	Index (Aug., 1939 = 100)	Number of points increase or decrease on previous quarter
1945—Quarter 3	160.5	—
" " 4	164.2	+3.7
1946— " 1	167.6	+3.4
" " 2	170.2	+2.5
" " 3	175.8	+5.6
" " 4	180.7	+4.9
1947— " 1	183.5	+2.8
" " 2	197.2	+13.7
" " 3	200.7	+3.5
" " 4	206.0	+5.3
1948— " 1	209.2	+3.2
" " 2	208.3	-0.9

The meaning of this fall of 0.9 points depends on the sensitivity of the price quotations used in our index, and on how far they are representative of all building materials. Several building materials fell in price between the first and second quarters of 1948, the one with the biggest effect on the index being manhole covers. The other quotations showing a reduction (in order of their importance to the change in the average) were paint, taps, W.C.s, small quantity deliveries of lime, ball-valves, and lavatory basins.

The average figure would not actually have fallen if manhole covers had not shown a substantial decline. Most sizes of manhole covers declined in price over the quarter (although quotations for a few of them were increased). The particular size used for the Index showed a heavy percentage reduction. The problem of averaging is always how to choose representative items. If the manhole cover quotation slightly exaggerates the fall, it nevertheless seems representative of a change downwards in the prices for all sizes of manhole covers generally.

The recorded fall in the index may be interpreted as meaning that at least an end has come to the progressive rise in the average price of building materials.

PERCENTAGE DECREASES AND INCREASES

While seven of the price quotations fell in the second quarter of 1948, four showed a rise. These were roofing felt, slates, tiles, and wire nails. The percentage changes in the materials listed were as follows:—

	Percentage decreases over the quarter
Manhole covers	-32.9
Paint	1.3
Taps	15.2
W.C.s	4.9
Lime (small quantities)	6.2
Ball valves	4.3
Lavatory basins	4.8

	Percentage increases over the quarter
Roofing felt	Per cent. +12.7
Slates	4.7
Tiles	5.1
Wire nails	1.8

Since demand, as well as the cost of supply, has some influence on prices, it is worth noting that three of the items showing a rise were roofing materials, in a quarter when far more houses were in the later stages of completion than were being begun. It is also worth noting that prices were on the whole stable over the quarter for the heavy basic building materials, such as sand and gravel, bricks, cement, and drainpipes.

THE FLATTENING-OUT OF THE PRICE INDEX

Even if the recorded fall in the Index is treated cautiously—as amounting to a definite flattening-out in the trend—it is an event of considerable importance. The policy of stabilizing prices, urged by the Government for reasons of national welfare in the early months of 1948, seems to have had at least a temporary success in this direction. Possibly this success was due partly to two other factors—the effects of the cut in the building programme of the autumn of 1947, and the stability in the costs of certain basic materials. Coal, for instance, remained stable in price between February and May, 1948. Non-ferrous metals declined in price over the same period. Wages remained stationary for most of the building materials industries, and transport costs were unchanged.

On the demand side, licensing of work was severely curtailed up to March, 1948, and the effect of the enormous increase in licences of April had perhaps not had time to affect materials prices only a month later.

ANALYSIS OF PRICE MOVEMENTS BY GROUPS OF MATERIALS

The 44 materials may be divided into four

groups according to their general nature and method of production. The Index number has been calculated for each of these groups, first taking August, 1939 as a base, and secondly August, 1945. The following table shows these Index numbers for the last two quarters of 1947 and the first two of 1948:—

(August, 1939=100)

	1947		1948	
	Quarter III	Quarter IV	Quarter I	Quarter II
1. Imported products	336.9	337.2	338.8	337.2
2. Metal products	209.2	223.3	225.6	219.0
3. Quarried products	201.4	202.0	205.9	205.6
4. Primary materials	152.1	156.5	160.0	160.1
Average of all materials	200.7	206.0	209.2	208.3

Imported products have eased owing to a reduction in the price of white lead. Metal products have declined mainly because of man-hole covers. Quarried products and primary materials show negligible changes.

MOVEMENT IN PRICES SINCE 1945

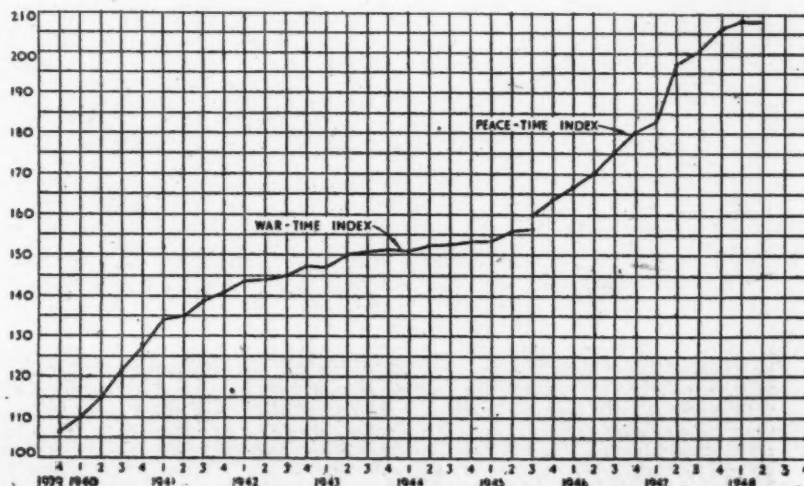
Prices in the second quarter of 1948 may be compared with their level at the end of the war, as follows:—

(August, 1945=100)

	1947		1948	
	Quarter III	Quarter IV	Quarter I	Quarter II
1. Imported products	175.5	175.6	176.7	175.6
2. Metal products	129.3	144.5	145.9	142.1
3. Quarried products	131.5	131.9	134.0	133.8
4. Primary materials	102.6	105.4	107.9	107.9
Average of all materials	123.6	128.3	130.4	129.8

THE FUTURE OF BUILDING MATERIALS PRICES

The recently published report of the Simon Committee on the "Distribution of Building Materials and Components" criticized trade agreements between merchants. The National Council of Building Materials' Producers, in reply, contested the suggestion that such agreements should be "stamped



Graph showing price index from 1939 to the present.

out," and argued that they served a useful social purpose. They suggested that the Monopoly Commission should "dispel wrongful prejudice" against these agreements, as well as detecting and preventing any discoverable abuses.

The building industry and the professions are less interested, perhaps, in this issue of principle than in the practical result of the controversy. One point of the Simon Committee's report which seemed to demand immediate investigation and remedy was their contention that operating margins of builders' merchants were in many cases much higher than pre-war. Similar figures of margins are not available for building materials' producers. The level of these margins are of general public concern.

It is possible that the system of control of prices by voluntary agreement between the Ministry of Works and the trade associations concerned will have to be radically overhauled. In the meantime, if one result of the present controversy is that the insistent post-war rise in materials prices is brought to an end or even reversed, the benefits to the building programme will be immense. But, of course, any substantial reduction in prices will sooner or later cut margins so far that production itself would be imperilled—unless raw material and labour costs could also be reduced. This point has surely not yet been reached, and a much further reduction in prices to builders could probably be attained this year by the joint efforts of manufacturers and building materials' producers.

Announcements

Thomas Sadler, Sons & Company, 220-222, Balham High Road, London, S.W.12,

announce the formation of a new company called Sadcolok Ltd. to market products built on the Cookson Lock Joint Principle. These products include roofing, walling, partitioning, kitchen cabinets, dressers, sink units, refrigerators, bath panels, and a new range of poultry appliances, etc. Thomas Sadler, Sons & Company will continue to market aluminium rainwater goods and soil pipes. The two companies are now operating from new premises at 220-222, Balham High Road, London, S.W.12, where an extensive showroom is open for inspection.

To give improved service and quicker delivery in the East Midlands area, Johnson & Phillips Ltd., and their domestic appliances section, British National Electrics Ltd., have opened a branch in Nottingham. The new office will better meet the increasing needs of this very important mining and industrial district, and stocks will be maintained of J. & P. cables and British National domestic appliances. It is under the control of Mr. J. Wilson, and the address is 41, Pilcher Gate, Nottingham. Telephone: Nottingham 40052/3. Telegrams: "Selbac," Nottingham.

Messrs. Kwikform Ltd. wish to point out that the photograph illustrated in their advertisement in our issue of July 1, is published by permission of Messrs. Walker (Tooting), Ltd., Hackbridge Road, Hackbridge, Wallington, Surrey.

The Council for Visual Education is arranging a number of exhibitions that will tour schools throughout the country. Their object is to revive the appreciation of good design. Each exhibition will deal with a special aspect: Landscape Architecture; Council Houses and Cottages; Town Planning; Small Houses; Gothic Architecture;

and Georgian Architecture. The Council is, however, short of funds for these exhibitions, and would be grateful for donations and an increase in its subscribing membership. Contributions should be sent to, and information can be obtained from, the Hon. Secretary, Council for Visual Education, 13, Suffolk Street, London, S.W.1.

Messrs. W. A. Bassett and Peter Berner, L./A.R.I.B.A., have moved their office to Salford Terrace, 23, Quarry Hill Road, Tonbridge, and will be pleased to receive trade catalogues, etc., at that address. Their telephone number (Tonbridge 2744) remains unchanged.

Mr. G. C. Leopold, A.R.I.B.A., has taken up his appointment as architect to Messrs. Frank A. C. Pearce (Eng.), Ltd., P.O. Box 178, Nakuru, Kenya Colony, and would be glad to receive trade catalogues at that address of goods and materials that can be exported and are suitable to the country.

Buildings Illustrated

Extension to existing Office Building at Barking (page 135). Architect, Edward D. Mills, F.R.I.B.A. General Contractor, A. E. Symes, Ltd.; Consulting Engineers, Bylander & Waddell. Sub-contractors: Asphalt, Unity Asphalt Co.; Reinforced Concrete, F. Bradford & Co.; Glass, B. Finch & Co.; Glazing, T. W. Ide, Glass dome; Patent Flooring, Lino, Cellulin Flooring Co.; Stoves, B. Finch & Co.; Electric Light Fixtures, The Merchant Adventurers Co.; Casements, James Couper & Co.; Iron Staircases, B. Finch (Construction) Dept.

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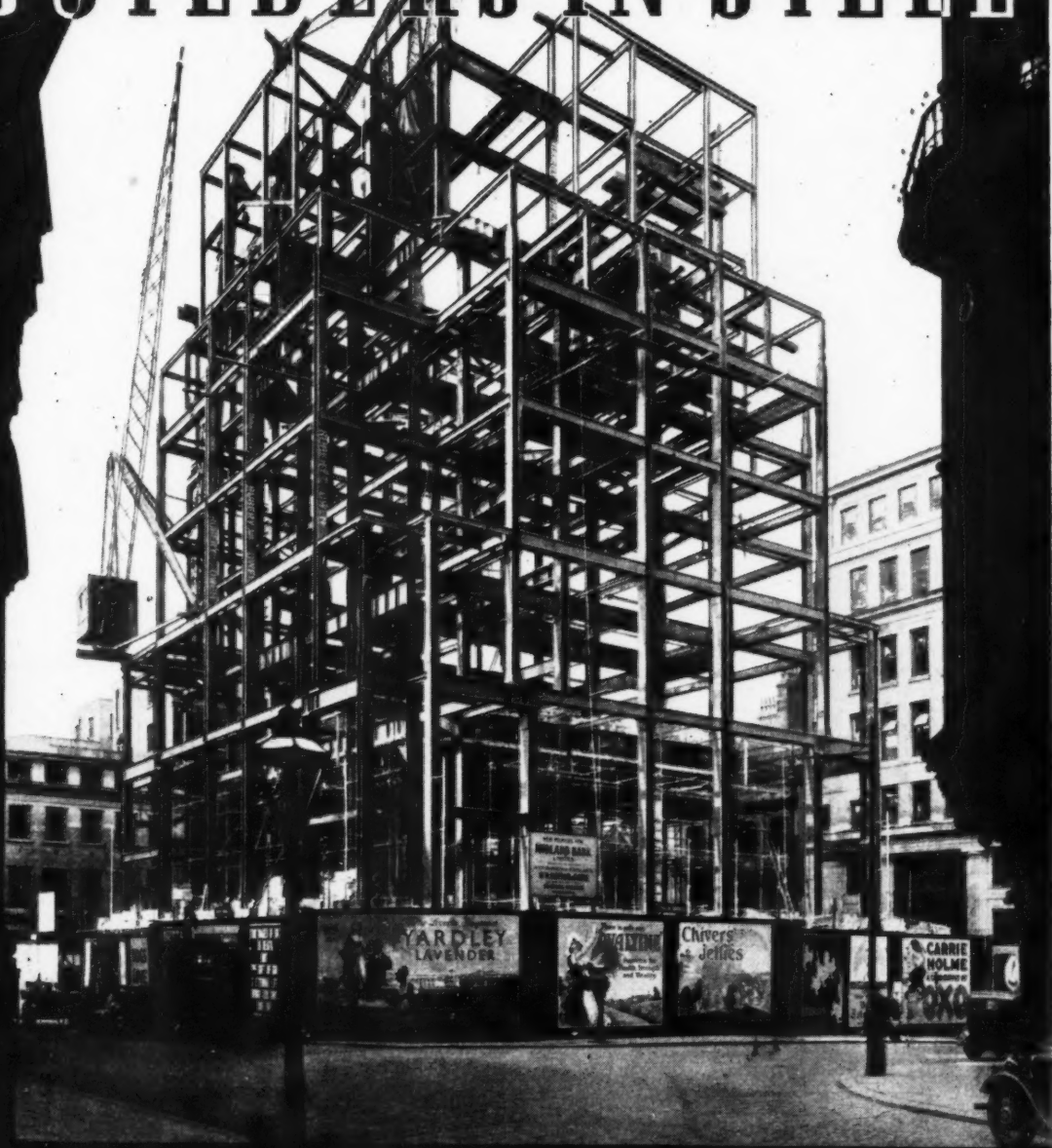
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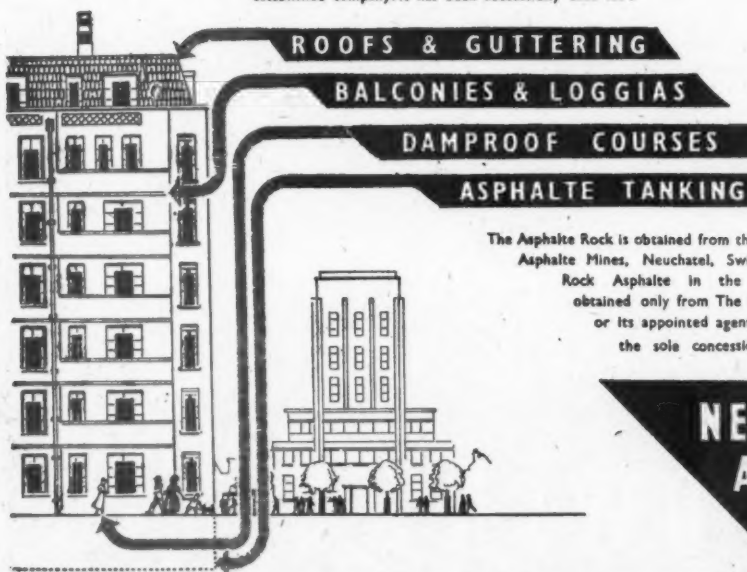
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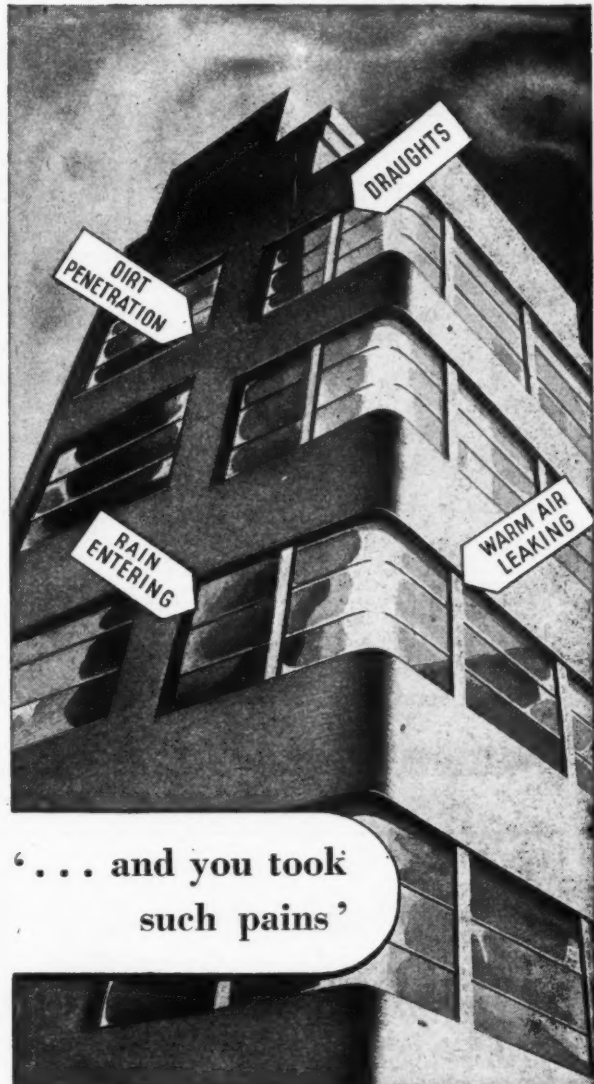
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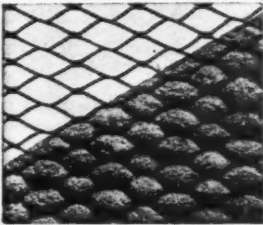
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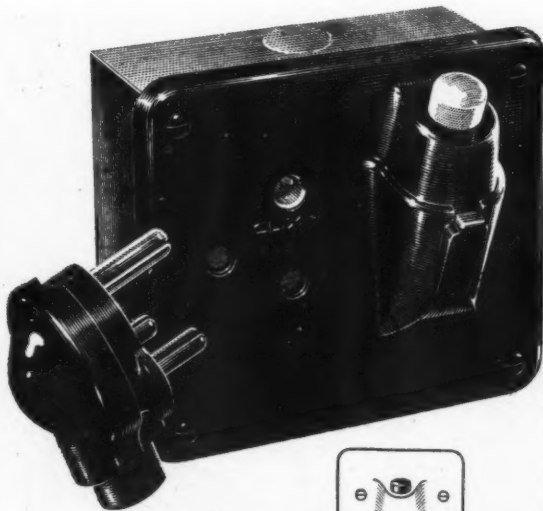
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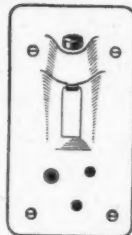
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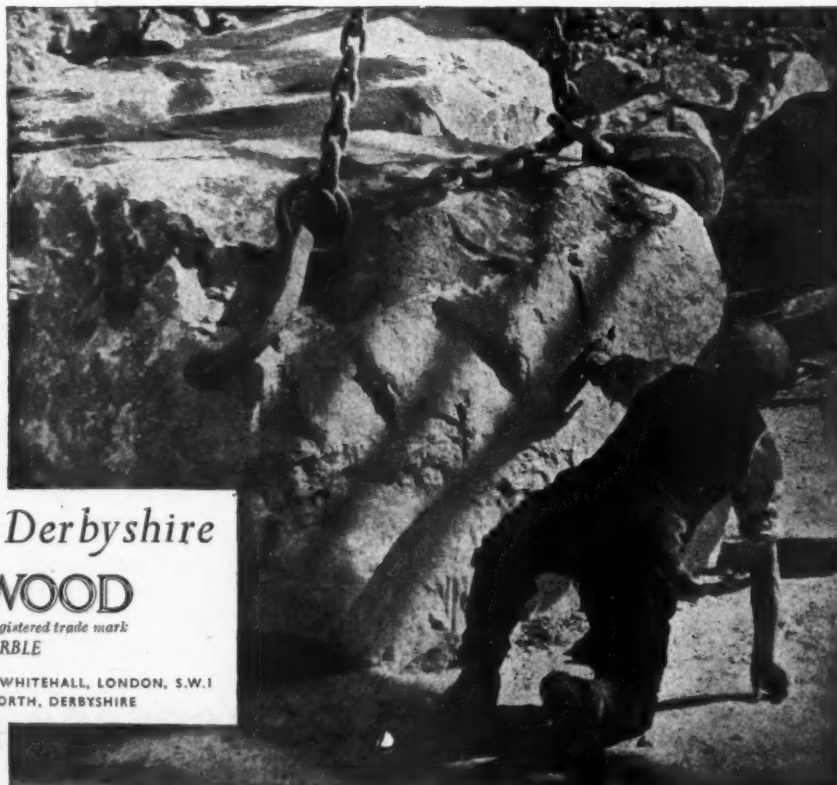
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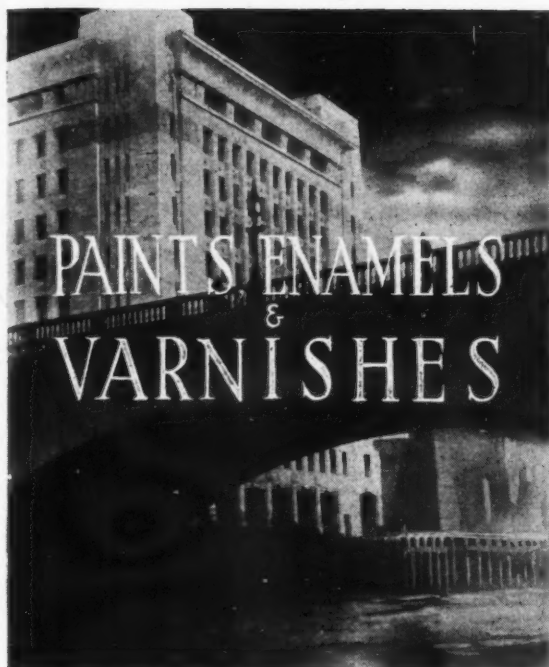


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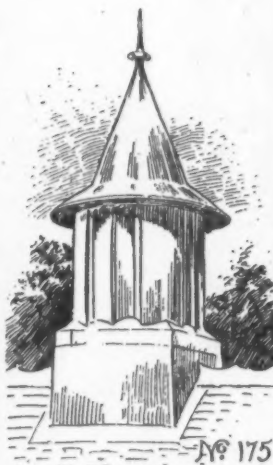
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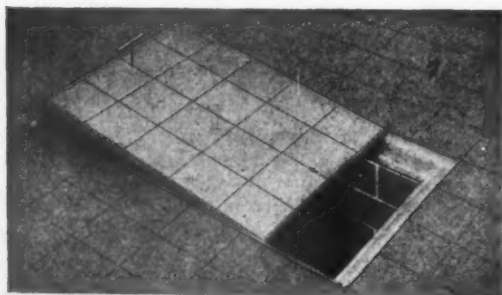
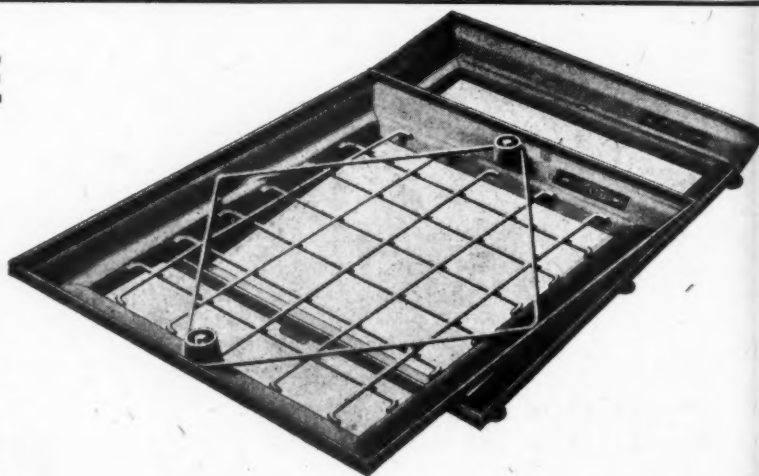


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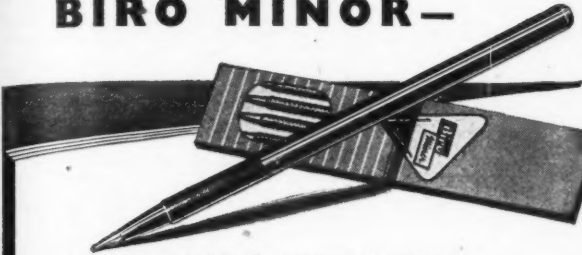
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CLASSIFIED ADVERTISEMENTS

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.

None of the vacancies in these columns relate to a man between the age of 18 and 50, inclusive or a woman between the age of 18 and 40, inclusive, unless he or she is excepted from the provisions of the Control of Employment Order, 1947, or the vacancy is for employment excepted from the provisions of that Order.

Public and Official Announcements

6 lines or under, 10s.; each additional line, 1s. 6d.

THE INCORPORATED ASSOCIATION OF ARCHITECTS AND SURVEYORS maintains a register of qualified architects and surveyors (including assistants) requiring posts, and invites applications from public authorities and private practitioners having staff vacancies. Address: The Incorporated Association of Architects and Surveyors, 10, Abchurch Lane, London, E.C. 4. Tel: 6935, 991.

LONDON COUNTY COUNCIL.
HOUSING AND VALUATION DEPARTMENT.
ARCHITECTURAL ASSISTANTS. Applications are invited for positions of Architectural Assistant, at salaries of up to £580 a year. Commencing salaries will be determined according to qualifications and experience, and qualified candidates will be eligible for appointment to the permanent staff of the Department on the occurrence of vacancies. Engagement will involve Superannuation contributions at the rate of 5 per cent. of salary.

Successful candidates will be required to undertake the design, layout, and preparation of working drawings for housing schemes (cottages and multi-storey flats), and will be employed in the Housing Architect's division.

Forms of application may be obtained from the Director of Housing, The County Hall, Westminster Bridge, S.E.1 (stamped addressed envelope required). Canvassing disqualifies. (870) 1032

CITY OF PETERBOROUGH.
CITY ENGINEER AND SURVEYOR'S DEPT.
Applications are invited for the appointment of TWO ARCHITECTURAL ASSISTANTS, on the staff of the City Engineer and Surveyor, at a salary in accordance with Grade III, A.P.T., i.e., £480, rising by annual increments to £496 per annum.

Applicants should be good draughtsmen, possess a sound knowledge of building construction, and be capable of preparing working drawings under supervision.

The City Council have adopted the National Scheme of Conditions of Service. The appointments are subject to the provisions of the Local Government Superannuation Act, 1937, and successful applicants will be required to pass a medical examination. Applications, stating age, qualifications and experience, accompanied by copies of not more than three recent testimonials and suitably endorsed, must be delivered to the undersigned not later than 20th August, 1948.

Applicants must disclose whether they are related to any Senior Official or Member of the Authority.

ARTHUR J. REEVES, Town Clerk.

Town Hall, Peterborough. 1388
July, 1948.

COUNTY COUNCIL OF MIDDLESEX.
COUNTY ARCHITECTS' DEPARTMENT.
ARCHITECTURAL ASSISTANTS. required. Salary from £420 to £570 p.a., plus London weighting (£10 p.a. under 21 years, £20 from 21-25 years, £30 p.a. 26 years and over). Appointments made at commencing salaries in accordance with qualifications and experience, and candidates should state commencing salary required. Established pensionable, subject to medical report. Applications, giving full details of qualifications, age, experience, etc., to County Architect, 20, Vauxhall Bridge Road, S.W.1, within 10 days (quoting E783 A.J.).

C. W. RADCLIFFE, Clerk of the County Council. 1428
Middlesex Guildhall, S.W.1.

BUCKS COUNTY COUNCIL.
Applications are invited for the following appointments in the County Architect's Department:

ASSISTANT QUANTITY SURVEYOR. Grade VII, £635-£710 p.a.

ASSISTANT ARCHITECT. Grade VII, £635-£710 p.a.

ASSISTANT ARCHITECT. Grade VI, £595-£660 p.a.

JUNIOR ARCHITECTURAL DRAUGHTSMAN. General Division, £235-£385 p.a., according to age.

Travelling and subsistence allowances will be paid on scale incorporated in the National Scheme of Conditions of Service for the time being in force. The appointments are superannuable and subject to medical examination.

Further particulars and form of application may be obtained from the County Architect, County Offices, Aylesbury, to whom applications must be delivered by 15th August, 1948.

GUY R. CROUCH, Clerk of the County Council. 1396
County Hall, Aylesbury.
July, 1948.

COUNTY BOROUGH OF GATESHEAD.

(a) ONE SENIOR ASSISTANT ARCHITECT. A.P.T. VI (£596-£660 p.a.).
(b) FOUR ASSISTANT ARCHITECTS. A.P.T. IV (£480-£525 p.a.).

(c) FIVE JUNIOR ARCHITECTURAL ASSISTANTS. A.P.T. I (£390-£435 p.a.).

Candidates for (a) and (b) must be Registered Architects, and be Corporate Members of the Royal Institute of British Architects. They should have good experience in the design and construction of public buildings, schools and/or Municipal housing schemes.

Candidates for (c) should have had previous experience in an Architect's office, and must have passed the R.I.B.A. Intermediate examination.

(d) ONE SENIOR ASSISTANT QUANTITY SURVEYOR. A.P.T. VI (£595-£660 p.a.).

Candidates should be Members of the Royal Institution of Chartered Surveyors, and should be experienced in the preparation of Bills of Quantities, Specifications, Estimates, and the settlement of Final Accounts.

(e) ONE COSTING AND ESTIMATING CLERK. A.P.T. IV (£480-£525).

Candidates must have had a wide experience of costing and estimating for large capital and maintenance works, and be able to take control of staff engaged on this work.

(f) ONE GENERAL CLERK. General Division (£220 at 21 years to £385 at 33 years).

Candidates for this appointment should have had experience in a Contractor's office, and have a sound knowledge of building terms and general building routine.

The appointments will be subject to the Local Government Superannuation Act, 1937, and to one month's notice on either side. The successful candidates will be required to pass medical examinations.

Applications to be made on forms obtainable from the Chief Architect, should be returned, together with copies of three recent testimonials, to H. J. Cook, Esq., A.R.I.B.A., M.I.Struct.E., Chief Architect, Municipal Buildings, Swinburne Street, Gateshead, not later than 31st August, 1948.

J. W. PORTER, Town Clerk. 1400

Town Hall, Gateshead, 8.

CITY OF BIRMINGHAM EDUCATION COMMITTEE.

APPOINTMENT OF ARCHITECTURAL ASSISTANTS.

Applications are invited for two posts of Architectural Assistant on the staff of the Chief Education Officer, to work under the direction of the Architect to the Education Committee.

Post 1: ARCHITECTURAL ASSISTANT. A.P.T. Grade I. £390-£435 per annum.

Applicants should have had a good general experience in the preparation of working drawings and details.

Post 2: ARCHITECTURAL ASSISTANT. A.P.T. Grade III. £450-£496 per annum.

Applicants should be registered Architects or have passed the examination qualifying for registration.

Forms of application, which may be obtained from the undersigned on receipt of a stamped addressed envelope, must be returned not later than two weeks after the appearance of this advertisement. Canvassing will be a disqualification.

E. L. RUSSELL, Chief Education Officer. 1441
Education Office, Margaret Street, Birmingham, 3.
29th July, 1948.

CITY OF BIRMINGHAM EDUCATION COMMITTEE.

BIRMINGHAM SCHOOL OF ARCHITECTURE.

A Part-time SENIOR ASSISTANT MASTER OF ARCHITECTURE is required to commence duty on 13th September, 1948, for 15 hours' duty weekly throughout a school year of about 40 weeks. Commencing salary will be 5/8ths of the Burnham Technical Scale for Senior Assistants (£700-£25-£300), with additions for appropriate Graduate and professional qualifications.

Enthusiasm for teaching work and a professional outlook are of first importance. Forms of application may be obtained from the College of Arts and Crafts, Margaret Street, Birmingham, 3, on receipt of a stamped addressed envelope, and must be returned not later than 28th August.

E. L. RUSSELL, Chief Education Officer. 1411

MONTGOMERYSHIRE COUNTY COUNCIL.

COUNTY ARCHITECTS' DEPARTMENT.

Applications are invited for the post of Architectural Assistant on the permanent staff. Salary in accordance with Grade II of Miscellaneous Division on National Joint Council Scale (£375-£420). The appointment is subject to (a) a medical examination for the purpose of the Local Government Superannuation Act, 1937, and (b) the Scheme of Conditions of Service prescribed by the National Joint Council for Local Authorities.

Administrative, Professional, Technical and Clerical Services. Candidates should have passed the Intermediate examination of the R.I.B.A. and have had general experience in design and construction, or have reached an equivalent standard. Forms of application may be obtained from the undersigned, to whom they should be returned, duly completed, not later than Monday, 23rd August, 1948. Canvassing, directly or indirectly, will be a disqualification.

P. E. WHITE, Clerk of the County Council. 1442
County Offices, Welshpool.

28th July, 1948.

CITY OF CARLISLE.

CITY ENGINEER'S DEPARTMENT.

Applications are invited for the post of PRINCIPAL ASSISTANT ARCHITECT, on Grade VI (£595-£660).

Applicants should be Associates of the Royal Institute of British Architects, and have good general experience in the design and construction of Public Buildings, Schools and Houses.

The Council are taking steps to make available housing accommodation for the successful applicant if desired.

Forms of application and conditions of employment may be obtained from Mr. Percy Dalton, A.M.I.C.E., A.R.I.B.A., City Engineer, 15, Fisher Street, Carlisle, to whom applications should be returned not later than Wednesday, 18th August, 1948.

H. D. A. ROBERTSON, Town Clerk. 1378

15, Fisher Street, Carlisle.

LONDON COUNTY COUNCIL.

QUANTITY SURVEYORS.

Vacancies exist for Quantity Surveyors, in the Housing and Valuation Department, for work in connection with the development of cottage estates and the construction of multi-storey dwellings, at consolidated salaries of up to £580 a year, the commencing salary in each case being determined according to qualifications and experience. Successful candidates will be required to contribute to the Council's Superannuation and Provident Fund, and will be eligible for appointment to the Council's permanent staff and for advancement on the occurrence of vacancies.

Duties will include:—

(a) Measurement of work in construction of houses, roads and sewers, preparation of interim and final bills; measurement and adjustment of sub-contracts; preparation of cost statistics, estimates, etc.

(b) Management of housing contracts of considerable value; interim valuations for payments; measurements of variations and settlement of final accounts.

Forms of application may be obtained from the Director of Housing and Valuer, The County Hall, Westminster Bridge, S.E.1 (a stamped addressed foolscap envelope required). Completed forms must be returned not later than seven days after the appearance of this notice. Canvassing disqualifies. (632) 99

CITY OF OXFORD.

CITY ARCHITECT'S DEPARTMENT.

APPOINTMENT OF DEPUTY CITY ARCHITECT.

Applications are invited for the above permanent appointment, at a salary on the scale £937 10s. per annum, rising by annual increments of £25 to £1,037 10s. per annum.

Applicants must be Members of the R.I.B.A. and have had considerable professional experience and also administrative experience in a Local Government Architect's Department. Travelling and subsistence allowances will be paid on the Council's scale, and housing accommodation will be made available, if necessary, by the Council.

The appointment will be subject to the National Conditions of Service and to the provisions of the Local Government Superannuation Act, 1937, to a satisfactory medical examination, and to determination by three months' notice in writing by either side.

Applications should be made on forms to be obtained from E. G. Chadler, A.R.I.B.A., A.M.T.P.I., City Architect, The Town Hall, Oxford, to whom they should be returned not later than Saturday, the 28th August, 1948.

HARRY PLOWMAN, Town Clerk. 1398

Town Hall, Oxford.

NORTHAMPTONSHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

APPOINTMENT OF TEMPORARY TECHNICAL ASSISTANT.

Applications are invited for the above appointment. Preference will be given to candidates who have had experience in dealing with the erection of Ministry of Works standard hutting, particularly school canteens. Supervision and measurement of the work in progress will be the main duty of the appointment. Architectural training is not an essential, but ability in draughtsmanship would be an advantage.

Salary will be in accordance with Grade III of the A.P.T. Division of the National Scale of Salaries, viz., £450-£495.

The County Council have adopted the Conditions of Service as set out in the National Scheme for their temporary employees. The appointment will be determinable by one month's notice on either side, and the selected candidate will be required to pass a medical examination before the appointment is confirmed.

The successful applicant will be expected to provide his own car or motor-cycle, for which an allowance under the scale approved from time to time by the Council will be made for its use on county business.

No form of application will be issued, but applicants should give particulars of age, qualifications and experience, and should send a copy of one recent testimonial and the names, status and addresses of two other persons to whom reference can be made, in an envelope endorsed "Temporary Assistant," to the County Architect, County Hall, Northampton, not later than 27th August, 1948.

J. ALAN TURNER, Clerk of the County Council. 1409

County Hall, Northampton.
5th August, 1948.

**COUNCIL OF THE COUNTY OF ABERDEEN.
COUNTY ARCHITECT AND PLANNING
OFFICER.**

Applications are invited for the post of County Architect and Planning Officer. Applicants must hold recognized qualifications in architecture and planning.

The salary scale in respect of the appointment is £1,200 per annum, rising by annual increments of £50 to £1,500 per annum. Placing on the scale may be granted as determined by the Council. The appointment is subject to the Local Government Superannuation (Scotland) Act, 1937, and the successful applicant will require to submit to and pass a medical examination. Forms of application and relative conditions relating to the appointment may be obtained from the undersigned, with whom completed application forms should be lodged not later than 10 a.m. on Friday, 27th August, 1948.

Canvassing of members of the Council, directly or indirectly, in connection with this appointment shall disqualify the candidate.

CHAS. HORNAL,

County Clerk.

County Buildings, 22, Union Terrace,
Aberdeen. 1422

**NORTHUMBERLAND COUNTY COUNCIL.
COUNTY PLANNING DEPARTMENT.**

Applications are invited from persons with suitable qualifications for the appointment of SENIOR PLANNING ASSISTANT at a salary in accordance with Grade VI (A.P.T.) of the National Joint Councils' Scale of Salaries (£595-£840).

Candidates should be Members of the Royal Institute of British Architects, the Royal Institute of Chartered Surveyors, or the Institute of Civil Engineers, and should preferably be Corporate Members of the Town Planning Institute and possess recent practical experience in the preparation and administration of planning schemes and in the control of development.

The appointment (which is a whole-time one) will be subject to the National Scheme of Conditions of Service, to the provisions of the Local Government Superannuation Act, 1937, and to three months' notice on either side, and the successful candidate will be required to pass a medical examination to the Council's satisfaction.

Applications, on forms to be obtained from the undersigned, must be submitted not later than the 28th August, 1948.

E. P. HARVEY,

Clerk of the County Council.

County Hall, Newcastle-upon-Tyne, 1. 1432

**BOROUGH OF SCUNTHORPE.
BOROUGH SURVEYOR'S DEPARTMENT.
APPOINTMENT OF ARCHITECTURAL
ASSISTANT.**

Applications are invited from duly qualified persons for the above appointment, in the Department of the Borough Surveyor, at a salary in accordance with Grade V, A.P. and T. Division of the National Scales (Consolidated). Housing accommodation will be provided if necessary. Applicants should have had good experience in domestic architecture, be able to prepare bills of quantities and specifications, supervise construction and contracts. Preference will be given to Associate Members of the R.I.B.A. The appointment will be subject to the Local Government Superannuation Act, 1937, terminable by one month's notice on either side, and the successful candidate will be required to pass a medical examination.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should reach the undersigned not later than Monday, 23rd August, 1948.

W. P. ERRINGTON,

Town Clerk.

34, High Street, Scunthorpe, Lincs. 1431

**STAFFORDSHIRE COUNTY COUNCIL.
COUNTY PLANNING DEPARTMENT.
APPOINTMENT OF JUNIOR ASSISTANTS
(GRADES A.P.T. I AND II).**

Applications are invited for the appointment of Junior Assistants in the County Planning Department.

Applicants should have had training in an Architect's Engineer's, Surveyor's or Planning Office, and should preferably have passed the Intermediate examination of the Town Planning Institute or its equivalent.

Salary will be in accordance with A.P.T. Grade I, £390-£435, or Grade II, £420-£465, of the National Scales, according to qualifications and experience.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937; the National Joint Council's Scheme of Conditions of Service as adopted by the County Council; the passing of a medical examination; and to one month's notice on either side.

Canvassing, directly or indirectly, will be deemed a disqualification, and relationship to any Member or Senior Officer of the County Council must be disclosed.

Applications should give details of age, education, technical training, qualifications, present and previous appointments and experience, and should include copies of two recent testimonials and the names of two other persons to whom reference can be made. They should be addressed to the County Planning Officer, County Buildings, Stafford, to be received not later than Saturday, the 14th August, 1948.

T. H. EVANS,

Clerk of the County Council.

County Buildings, Stafford. 1425

**METROPOLITAN BOROUGH OF HACKNEY.
BOROUGH ENGINEER AND SURVEYOR'S
DEPARTMENT.**

Applications are invited for the following appointments on the permanent establishment at salaries in accordance with the grades stated of, and subject to, the Scheme of Conditions of Service of the National Joint Council for Local Authorities' Administrative, Professional, Technical and Clerical Services, plus London weighting allowance. The commencing salaries will be determined according to the experience of each successful candidate.

ARCHITECTURAL ASSISTANT:

Salary, Grade VI, A.P. and T. Division (£595 p.a., rising to £650 p.a.). Candidates must be Associates of the Royal Institute of British Architects, and preference will be given to those with a wide experience of Municipal housing work.

Salary, Grades IV-V, A.P. and T. Division (£480 p.a., rising to £570 p.a.). Candidates must have had a good experience, particularly in connection with the repair and maintenance of buildings. Preference will be given to those holding a recognized professional qualification.

Applicants are advised that the Council is unable to provide any housing accommodation for the successful candidates.

The appointment will be subject to the provisions of the Council's Superannuation Acts, to the successful candidates passing a medical examination, to the Council's regulations relating to staff appointments, and to termination by one month's notice on either side.

Applications in writing, on forms to be obtained from the undersigned upon receipt of a stamped addressed envelope, must be received later than first post on the 31st August, 1948, endorsed "Architectural Assistant (Grade)" Borough Engineer and Surveyor's Dept.

DUDLEY SORRELL,

Town Clerk.

Town Hall, Hackney, E.8. 1417

**COUNTY BOROUGH OF SOUTHAMPTON.
APPOINTMENT OF BOROUGH ARCHITECT.**

Applications from qualified architects are invited for this appointment. The salary offered (inclusive of cost-of-living bonus) is £1,400 per annum, rising by annual increments of £50 each to £1,650 per annum, plus a car allowance. The appointment, which will be held during the pleasure of the Council, will be subject to the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

A list of some of the duties, etc., attached to the position may be obtained from the undersigned, to whom applications, stating age and qualifications, and giving full particulars of experience and of present and all previous appointments, together with copies of three recent testimonials and the names and addresses of three responsible persons of standing to whom reference may be made, must be delivered in sealed envelopes, endorsed "Borough Architect," before 1st October, 1948.

R. RONALD H. MEGGESON,

Town Clerk.

Town Clerk's Office, Civic Centre,
Southampton. 1429

**CORPORATION OF LONDON.
CITY PLANNING OFFICE.**

Applications are invited for the appointment of:

(a) 1st Class PLANNING ASSISTANTS, at a salary of £600 by £25 to £750.

(b) 2nd Class PLANNING ASSISTANTS, at a salary of £550 by £25 to £700.

The duties consist of surveys for planning purposes, the preparation of plans for areas of development, development control, including architectural treatment, and generally to assist in the work of the Planning Department.

Previous experience with a local authority is desirable, but not essential. Preference will be given to candidates possessing one or more of the following qualifications, A.R.I.B.A., A.R.I.C.S., A.M.T.P.I.

The candidates appointed will be required to pass a medical examination and to contribute to the Corporation's Superannuation Scheme.

Applications, giving full details of age, experience and qualifications, accompanied by copies of not more than three recent testimonials, to be submitted not later than 31st August, 1948, to the City Planning Officer, Corporation of London, 55/61, Moorgate, E.C.2.

PICKFORD,

1416

LONDON COUNTY COUNCIL.

Required at Hammersmith School of Building and Arts and Crafts, Lime Grove, W.12. TWO SENIOR ASSISTANTS, to teach in the Senior Building School. Applicants should have had wide experience in the building industry and considerable teaching experience. One will be responsible to the head of the department for supervising the apprentice and day release classes and evening building craft classes. Some teaching required in some advanced subjects. The other will be required to teach Quantities or Building Construction to the standard of Royal Institution of Chartered Surveyors' examinations, and be well qualified and familiar with requirements of Higher National Certificate and Diploma. Burnham Scale salary, £700-£25-£800 (plus London allowance and training additions).

Application forms (stamped addressed envelope necessary) from the Principal to the School, returnable by 18th September, 1948. (1729).

1412

MUNICIPALITY OF UNTALI.**VACANCY: TOWN PLANNING OFFICER.**

Applications should be submitted in duplicate and one copy despatched so as to reach me not later than noon of 18th day of September, 1948; the remaining copy should be posted at the same time to P. M. Aired, Esq., c/o Rhodesia House, The Strand, London, W.C.2.

The salary grade for the position is £759×£33-£924 per annum, but the commencing salary may be higher than the minimum of the grade (in any case not exceeding two steps in such scale) in accordance with the qualifications and/or experience of the successful applicant. In addition, a cost-of-living allowance at rates laid down by the Council from time to time will be paid. At present this amounts to £134 per annum on the minimum and £150 per annum on the maximum of the grade; plus, in the case of married persons, a children's allowance at the rate of £30 per annum for the first child and £24 per annum for each subsequent child.

Applicants must have passed the Final Examination of the Town Planning Institute, and preference will be given to applicants holding one or more of the following additional qualifications:

Associate of the Royal Institute of British Architects. Testamur Examination of the Institution of Municipal Engineers.

Final Examination of the Royal Institute of Chartered Surveyors, or University Degree in one of the above subjects.

Applicants must have had at least three years' experience of Town Planning work, preferably in Urban Areas, and should be conversant with local authority procedure and practice. They should have had experience in preparatory survey and investigation work for Statutory Planning Schemes, preparation of such schemes, and Interim Development Control and administration.

Applicants should submit full details of age, specific nationality, health, marital status, previous experience, qualifications, military service, present appointment, and should submit certified copies of testimonials from past employers.

The successful applicant will be required to serve a probationary period of six months, thereafter he will be eligible for appointment to the fixed establishment, and if so appointed he will be required to contribute to the Council's Superannuation Fund.

Applicants are advised that their present Superannuation Contributions are not transferable to the Council's Superannuation Fund.

If the successful applicant is married a Municipal house will be available on a rental basis. The Council will contribute the following amounts towards the cost of sea passages to/United Kingdom:

Man and wife, £50 each.
Children under 16 years: 1st child, £20; remaining children, £10 each.

Should the successful applicant resign within a period of three years from date of appointment certain proportions of the above amounts will be refundable to the Council.

Salary will be admissible from the actual date of embarkation, although the date of appointment will be held for all other purposes to be the date upon which duties are actively assumed.

A satisfactory medical certificate on the Council's prescribed form must be produced before the commencement of duty.

In regard to any points not mentioned in this advertisement the successful applicant will be bound by the Council's Service Regulations and any amendments which may be made thereto from time to time.

Canvassing, directly or indirectly, will be a disqualification.

G. F. CLARK,

Town Clerk.

Town House, Untali, Southern Rhodesia. 1439

**NORTHAMPTONSHIRE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
APPOINTMENT OF ENGINEERING
ASSISTANT.**

Applications are invited for the above appointment.

Applicants must have had experience in the design and preparation of drawings and specifications for, and the maintenance of, modern low-pressure heating and domestic hot water installations and general electrical installations.

The Graduate Examination of the Institute of Heating and Ventilating Engineers, or equivalent qualification, would be an asset.

The County Council have adopted the National Scheme of Conditions of Service for Local Government Officers.

Salary will be in accordance with Grade I of the A.P.T. Division of the National Scale of Salaries, viz., £390-£435.

The appointment will be determinable by one month's notice on either side, and will be subject to the provisions of the Local Government Superannuation Acts, and the selected candidate will be required to pass a medical examination before the appointment is confirmed.

No form of application will be issued, but applicants should give particulars of age, qualifications and experience, and should send a copy of one recent testimonial and the names, status and addresses of two other persons to whom reference can be made, in an envelope endorsed "Engineering Assistant" to the County Architect, County Hall, Northampton, not later than 27th August, 1948.

J. ALAN TURNER,

Clerk of the County Council.

County Hall, Northampton. 1410

5th August, 1948.

GLAMORGAN COUNTY COUNCIL. COUNTY PLANNING DEPARTMENT.

Applications are invited for the following vacancies for PLANNING ASSISTANTS (Male or Female), which exist in the County Planning Officer's Department, at Cardiff, and in the Area Planning Offices at Bridgend, Neath and Pontypridd, in the following grades:-

A.P.T., Grade I. Salary £360 per annum, rising by annual increments of £15 per annum to a maximum of £435 per annum.

A.P.T., Grade II. Salary £420 per annum, rising by annual increments of £15 per annum to a maximum of £465 per annum.

A.P.T., Grade IV. Salary £480 per annum, rising by annual increments of £15 per annum to a maximum of £525 per annum.

A.P.T., Grade V. Salary £530 per annum, rising by two annual increments of £15 and one annual increment of £30 per annum to a maximum of £570 per annum.

Applicants must hold suitable University or Professional qualifications. If well experienced in their particular profession (Engineer, Architect or Surveyor) candidates need not possess Planning experience.

In respect of vacancies in Grade I, consideration will be given to University Graduates without office experience.

Applicants must not be over 45 years of age, but this condition may be relaxed in the case of a person already in the service of the County Council, or a specially suitable candidate employed by another local authority. In the case of ex-service applicants, the age limit will be raised by the number of years served in H.M. Forces during the recent war.

All the appointments will be subject to the National Scheme of Conditions of Service, the staffing regulations of the County Council from time to time in force, and the provisions of the Local Government Superannuation Act, 1937. The appointments will be subject to one calendar month's notice on either side. The successful candidates will be required to pass a medical examination.

Applications should be addressed as soon as possible to Mr. E. John Powell, M.Inst. C.E., County Hall, Cardiff, stating age, qualifications, experience, and present salary, accompanied by copy of a recent testimonial, and the names and address of two referees. Envelopes should be endorsed, "County Planning Appointments."

A. CLIFFORD WALTER,
Deputy Clerk of the County Council.

Glamorgan County Hall, Cardiff.
28th July, 1948. 1440

PENARTH URBAN DISTRICT COUNCIL. APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the permanent appointment of Architectural Assistant, at a salary in accordance with A.P.T. Grade V (£520-£570) of the National Scale of Salaries.

Applicants should be Associates of the Royal Institute of British Architects or hold an equivalent qualification, and have had experience in the general architectural and housing work of a Local Authority, including the preparation of working Drawings, Specifications and Quantities.

The appointment will be subject to the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.

Applications, endorsed "Architectural Assistant," stating age, training, qualifications, present and previous appointments and experience, together with copies of not more than three recent testimonials, should reach the undersigned not later than the 30th August, 1948.

Canvassing will disqualify.
Dated this 31st day of July, 1948.

DUDLEY E. MORSE, A.M.I.C.E.,
Engineer and Surveyor.

Council Offices, "West House,"
Stanwell Road, Penarth. 1439

HARROW URBAN DISTRICT COUNCIL. ENGINEER AND SURVEYOR'S DEPARTMENT.

Applications are invited for the under-mentioned three appointments in the Department of the Engineer and Surveyor:-

(a) ARCHITECTURAL ASSISTANTS (TWO). Grade A.P.T. IV. Salary £480-£525 (plus London weighting). Applicants should have had good experience in the preparation and execution of schemes for Municipal buildings, particularly housing.

(b) ARCHITECTURAL ASSISTANT (ONE). Grade A.P.T. IV. Salary £480-£525 (plus London weighting). Applicants should have had sound experience in general architectural work, particularly schools and housing, but the work to be undertaken will be principally concerned with the maintenance, repair, and minor works on these and other Council properties.

Applicants should state clearly for which appointment they are applying.

The appointments will be subject to the provisions of the Local Government Superannuation Act, 1937, and to the passing of a medical examination.

The Council is unable to offer any assistance in obtaining housing accommodation for the successful applicants.

Forms of application can be obtained from the undersigned, to whom they should be returned not later than 23rd August, 1948.

H. WELLS,

Clerk of the Council.

Council Offices, Harrow Weald Lodge,
Harrow. 1397

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PARTNERSHIP available in old-established (London) Architect and Surveyor's practice. Reply, stating age, experience, qualifications, etc. Box 1419.

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Architectural Appointments Vacant

4 lines or under, 5s.; each additional line, 1s. 6d.

ARCHITECTURAL ASSISTANTS required in Offices at Tavistock, Newton Abbott, and Plymouth; applicants should have reached at least R.I.B.A. Intermediate standard, and be capable of working with a minimum of supervision; salary according to experience and qualifications. Reply to L. F. Vanstone & Partners, Chartered Architects, Surveyors, National Provincial Bank Chambers, Tavistock. 1263

MR. LAWRENCE BOND requires a young ASSISTANT, who is interested in churches, and a good draughtsman, to specialize in church work, at 11, Elmer Street, Grantham. 1354

ARCHITECT'S ASSISTANT, capable of preparing surveys, details, and specifications, required for general Country practice; knowledge of housing procedure an advantage; give full details, training, age, experience, etc.; good opportunity for a keen young man. Apply Edwin H. Earp, L.R.I.B.A., Stratford-on-Avon. 1366

DRAUGHTSMAN. - Progressive position offered by well-known S.W. London specialists; thorough knowledge of building construction essential, and experience of reinforced concrete an advantage; five-day week; write full particulars. Box 1358.

ARCHITECT'S ASSISTANT, Intermediate standard, required immediately in rapidly developing architectural department; state training, qualifications, experience, and salary required. To Marcus Leaver & Company, 46, Brook Street, London, W.1. 1364

SENIOR ASSISTANT ARCHITECT required in the Staff Architects' Department of a large West Riding Multiple concern; salary £500 p.a. Write, stating age and experience, with copies of testimonials, to Box 1386.

SENIOR ARCHITECTURAL ASSISTANT required by Dublin City Office, Eire; must have 15 to 20 years' experience, expert knowledge of working drawings, etc., and knowledge of hospital work; salary £750 to £1,000, according to experience. Also TWO SENIORS required; expert knowledge of working drawings; salary £500 p.a. Box 1353.

QUALIFIED QUANTITY SURVEYING ASSISTANT required immediately in busy Architects' office; wide variety of work, including housing schemes; young man preferred. Write, stating qualifications, experience, age, and salary required. Raddib & Wilkinson, F./L.R.I.B.A., Long Canseway Chambers, Peterborough. 1406

ASSISTANT ARCHITECT required for Commercial and Industrial work; salary £500. State age and details of experience to A. C. Blackmore & Co., Ruskin House, Princes Avenue, Hull. 1414

ARCHITECTURAL ASSISTANTS required. Senior and Intermediate; salaries up to £550 and £350 per annum, respectively. Apply by letter, enclosing copies of testimonials. R. Lewis Reynish, A.R.I.B.A., Kent Lodge, Queen's Crescent, Southsea, Hants. 1415

ARCHITECT'S DRAUGHTSMAN, age 25-30, required in Building Dept. of London Commercial Firm. Apply, stating age, experience, and salary required, Box 1418.

ASSISTANT required, full or part time, with a gift for drawings and sketches in black and white, to work on book on Town Planning. Write Frederick Gibberd, 35, Gordon Square, W.C.1. 1426

ARCHITECTURAL ASSISTANTS (Senior and Junior) required for industrial and general work. Write, stating age, experience and salary required, to Wood, Goldstraw & Yorath, Victoria Chambers, Tunstall, Stoke-on-Trent. 1427

ARCHITECT'S ASSISTANT required in the Architect's Department of a London Brewery Co.; applicants should state their age, qualifications, experience, and salary required, to Box 1426.

TWO ASSISTANTS required for general drawing office work, surveys and levelling. Write, giving age, experience, salary required, and when available. Lambert & Oliver, Chartered Architects, 35, South Street, Bridport, Dorset. 1424

CAPABLE ASSISTANT required in Romford Architect's office. Reply, stating age, experience, and salary required, to Box 1435.

ASSISTANT QUANTITY SURVEYOR, of Intermediate standard, required for firm of Building Contractors in North; must have knowledge of taking off; site measurements; and pricing analysis; salary by arrangement; good prospects for suitable applicant. Apply Box 1446.

ARCHITECTURAL ASSISTANT required in private office; temporary appointment considered. Applications to William & J. Basil Ellis, F.A.R.I.B.A., Barclays Bank Buildings, 8, Helens, Lancs. 1444

Architectural Appointments Wanted

ARCHITECTURAL ASSISTANT (Female), age 21, Inter. R.I.B.A., 4 years' office experience, requires post in S.W. London; salary £300 per annum. Apply Box 151.

SENIOR ASSISTANT (34), capable designer, experienced office administration, seeks responsible progressive appointment; preferably London or Southern England; salary £650. Box 153.

ARCHITECT'S ASSISTANT (29), ex-R.E. services, requires post; please state type of work. Box 154.

Other Appointments Vacant

4 lines or under, 5s.; each additional line, 1s. 6d.

TAKER-OFF required to take charge of branch office of London Chartered Quantity Surveyor in Dorset. Reply, stating age, experience, and salary required, to Box 1255.

STRUCTURAL ENGINEERING ASSISTANTS.

Applications are invited by the Co-operative Wholesale Society, Ltd., for appointment of Structural Engineering Assistants, in their Manchester Architects' Department. Applicants should have experience in the design and detailing of structural steel, reinforced concrete, and foundation works. Salary up to £500 per annum, according to qualifications plus cost-of-living bonus.

Good prospects of promotion for competent assistants. Successful candidates will be required to pass a medical examination for entry into the compulsory Superannuation Scheme.

Applications, stating age, qualifications and experience, to C.W.S. Ltd., Architect's Department, 1, Balloon Street, Manchester, 4. 1413

THE MILK MARKETING BOARD have a vacancy at Thames Ditton for an ASSISTANT QUANTITY SURVEYOR, having good experience in the preparation of complete Bills of Quantities and in the writing of specifications; preference will be given to candidates with professional qualifications; the appointment must be regarded as temporary, with a minimum of twelve months, subject to satisfactory service; commencing salary £350 per annum. Applications in writral should be addressed to the Chief Administrative Officer, Milk Marketing Board, Thames Ditton, Surrey. 1417

An exceptional opportunity for a SURVEYOR with ability and drive and with experience in valuing Urban Properties from the cost of production and rental value angles in an established Firm of Architects and Surveyors in the City of London; not over 40, and with real practical knowledge and experience of building and valuation; good salary with early prospect of partnership for the right man. Write, with details of education and subsequent attainments, to Box E364 c/o Streets, 110, Old Broad Street, E.C.2.

MEASURING QUANTITY SURVEYOR required immediately for large Housing Scheme in London area, with a view to permanent appointment with the company. Apply, giving particulars of age, experience, qualifications and salary required, to Holloway Brothers (London), Ltd., 157, Millbank, S.W.1.

DUNLOP RUBBER CO. requires **STRUCTURAL ENGINEERING DRAUGHTSMAN**; must be experienced in detailing reinforced concrete or steel work; knowledge of design advantageous, but not essential. Applications in writing to Personnel Manager, Port Dunlop, Erdington, Birmingham 24.

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Appointments will, in the first instance, be non-pensionable but there will shortly be an open competition for established pensionable posts. APPLY in writing, stating age, nationality, full details of experience, to Chief Architect, W.G.10/D, Ministry of Works, Abell House, London, S.W.1.

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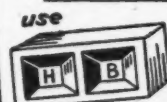
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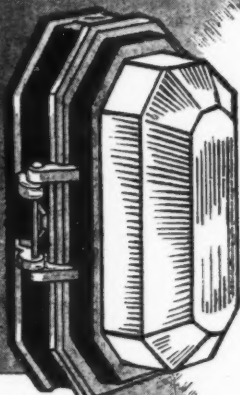
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