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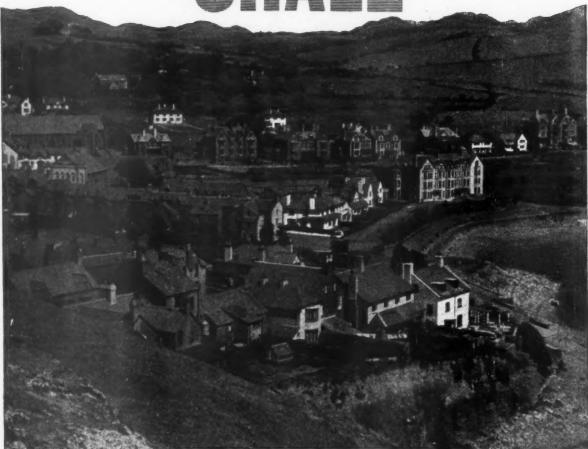
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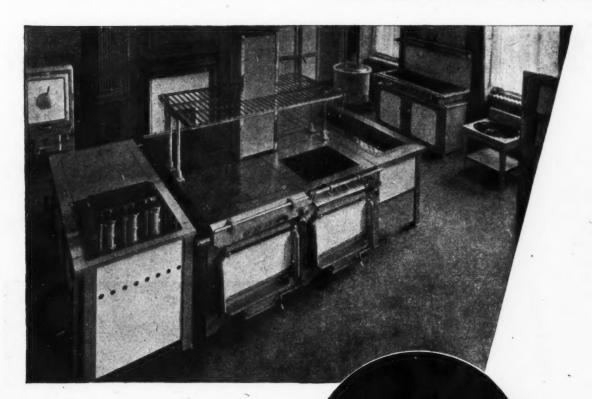
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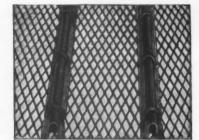
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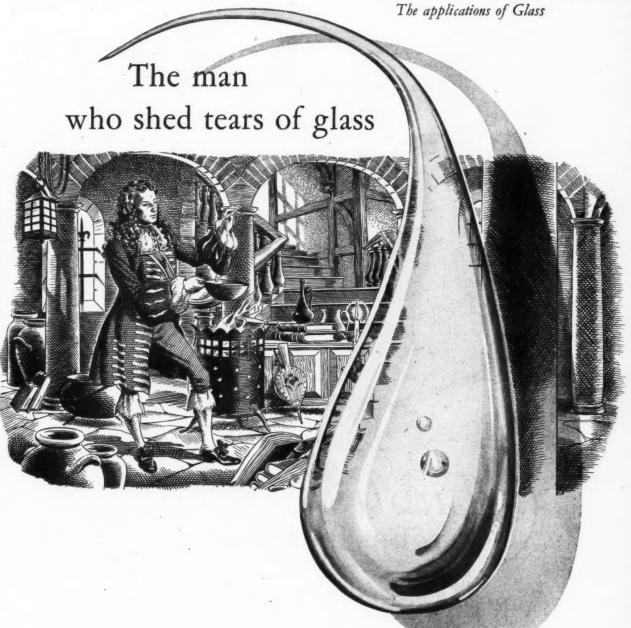
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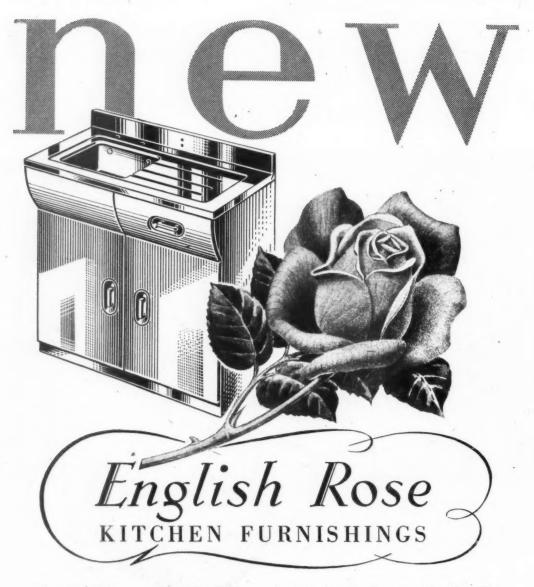
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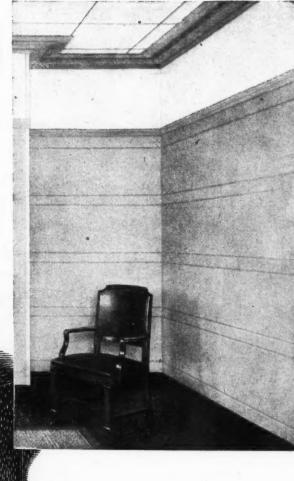
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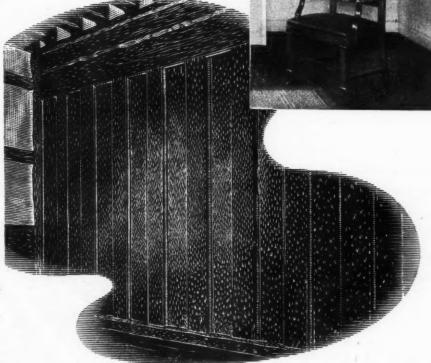
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The drawing of an existing partition wall in a manor house at Edenbridge, Surrey, erected in possibly the 14th century, contrasts with the photograph of a modern use of timber, partition walls of fibre boards, in this case Celotex.





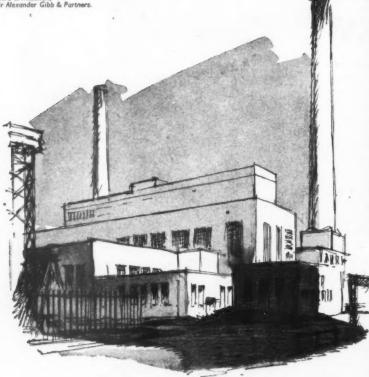
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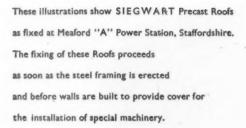
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#### **ENGLISH SLIPWARE POTTERS**

English village potters, working with the simplest of materials and equipment, and firing their wares in primitive kilns, developed during the 17th and 18th centuries an unsophisticated but very virile type of pottery known as "slipware". This was made from coarse local buff, yellow and red earthenware clays. Simple decoration in white and coloured "slip" (i.e., semi-liquid clay) was trailed on to the surface of the ware to form raised outlines-in much the same way as an iced-cake is decorated. The surface of the ware was then usually coated with an applied yellow lead glaze.

Common kitchen crocks, very simply ornamented, formed the staple product of these village, potteries, but from time to time special pieces were made—such

as large dishes up to 18 inches across for festive occasions, a loving cup for a betrothal or wedding, a highly ornate model cradle for a christening, or a set of posset-pots for the local squire or innkeeper. Sometimes a loving cup or dish would be inscribed with the name of the maker, sometimes with that of the recipient. Often a motto or inscription, such as: "The best is not too good for you" would appear in raised lettering. Stylised tulips and other flowers, peacocks and quaint animal and human forms were favourite motifs. Occasionally, the design was scratched through the covering of slip to reveal the red or buff body underneath.

Such slipwares were made in many parts of the country. Among the most interesting which have survived are pieces from Wrotham, in Kent, and several made by the famous Toft family of Staffordshire. The tradition has persisted to this day in Devonshire, Sussex and elsewhere, and slipwares are still made by many well-known Studio potters.

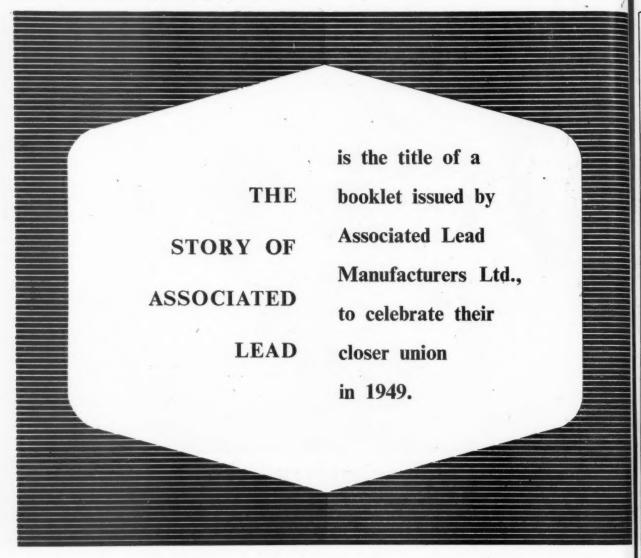
The vigorous, typically English work of the old village slipware potters, despite its many obvious limitations, provided the robust foundation for that tradition of quality and fitness for purpose which men like Whieldon, Wedgwood, Spode, Doulton and other master-potters have established in more recent times. No account of the development of pottery in this country would be complete without some tribute being paid to the slipware potters of old England.



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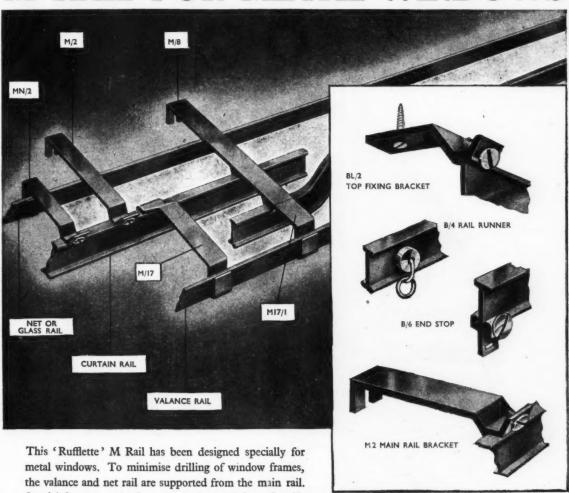
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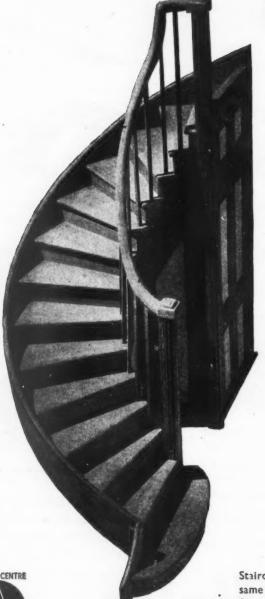
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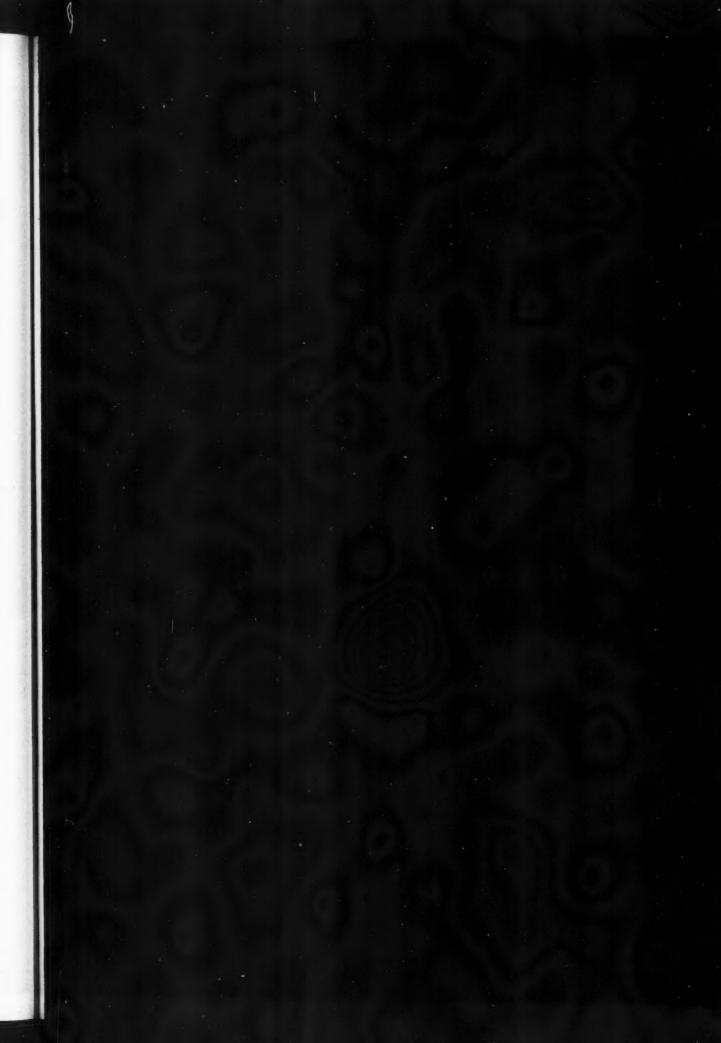
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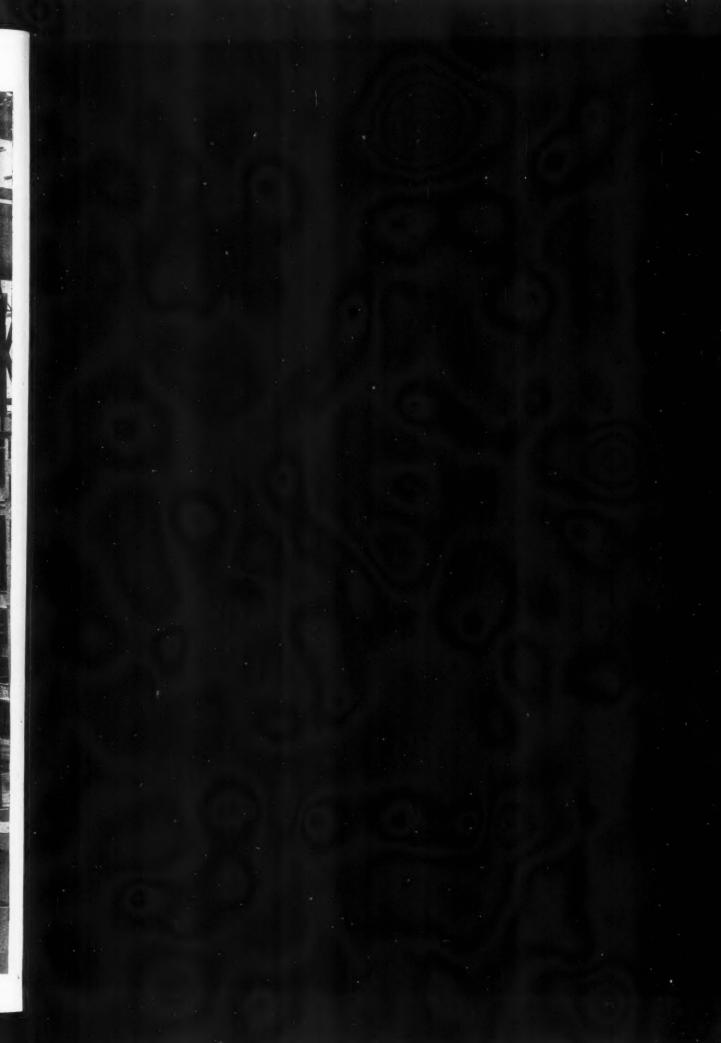
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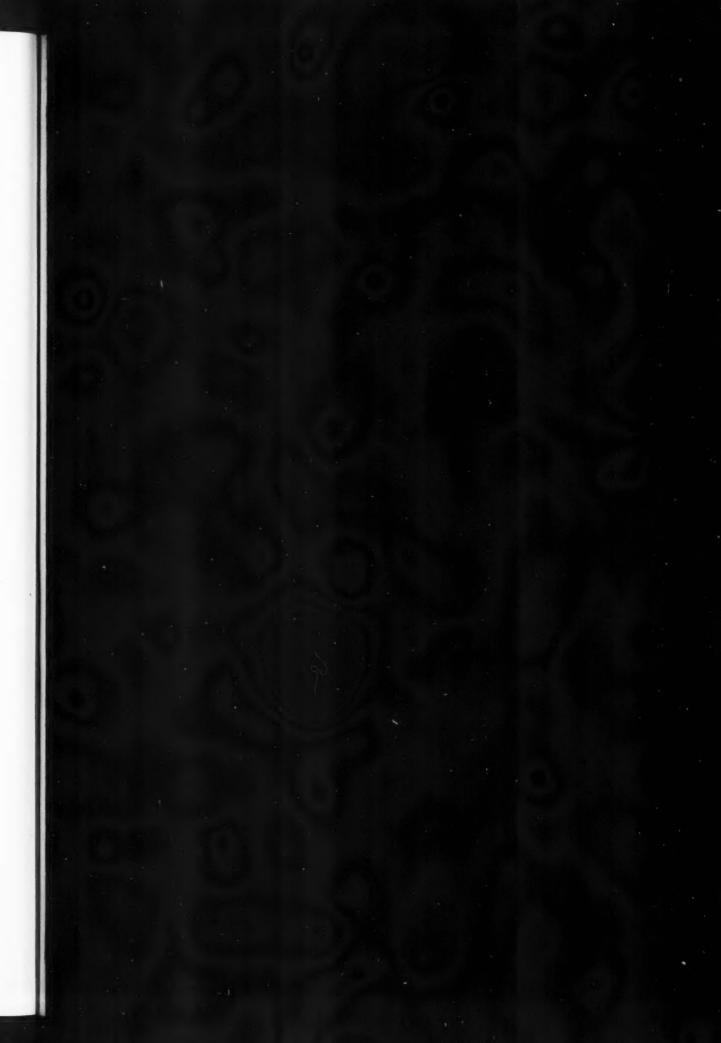


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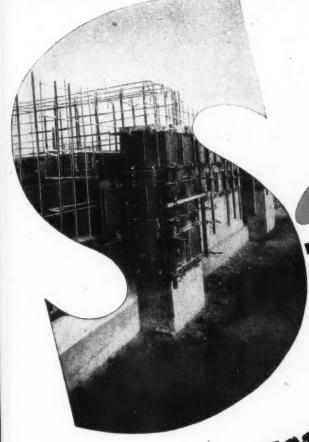
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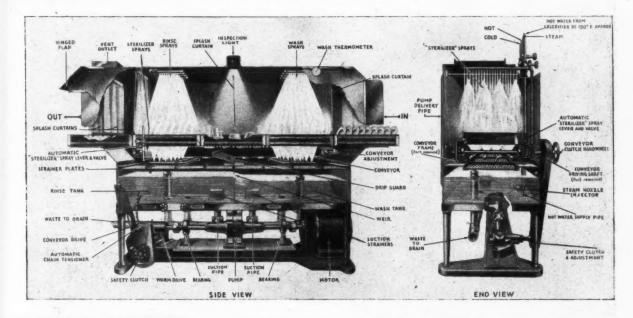
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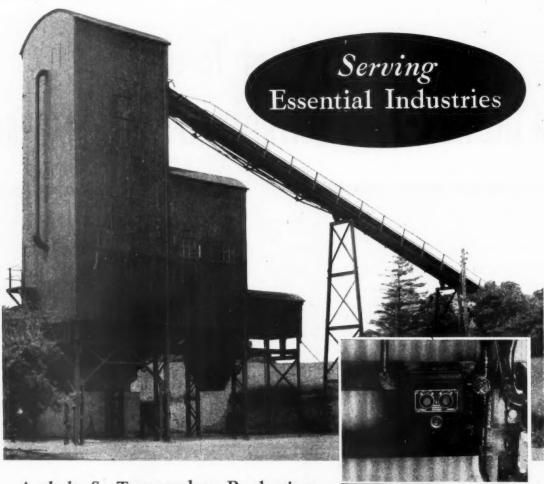
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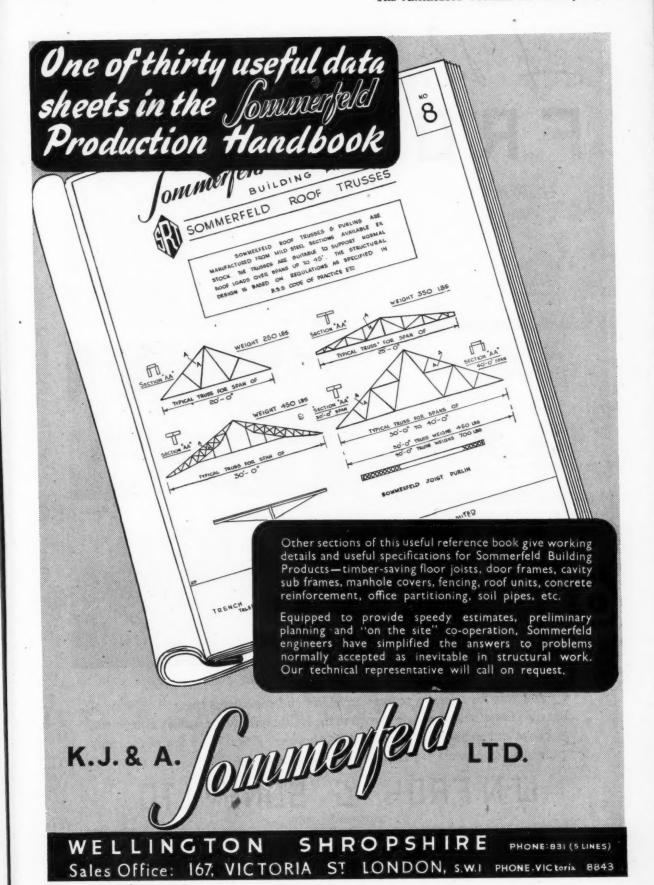
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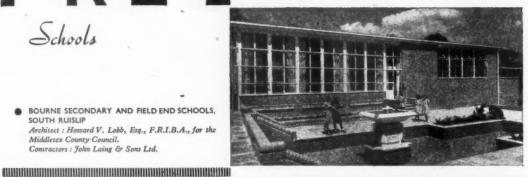
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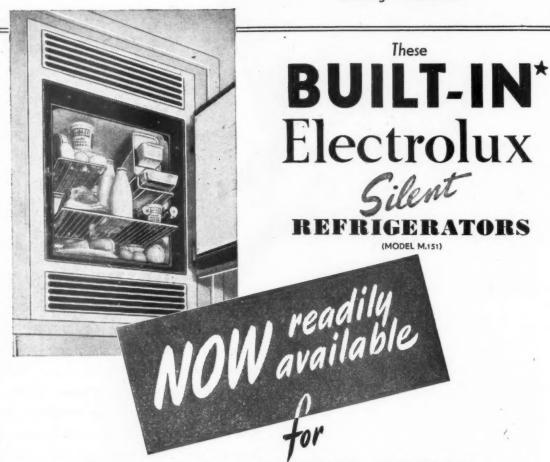
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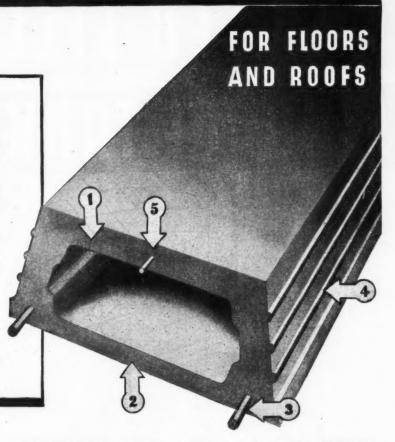


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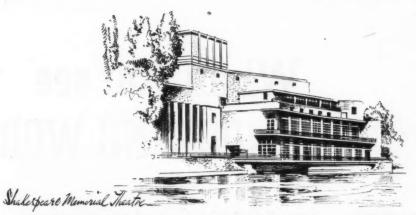
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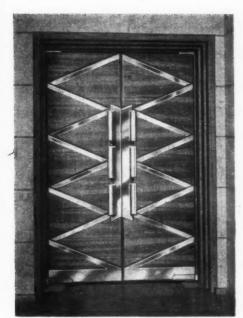
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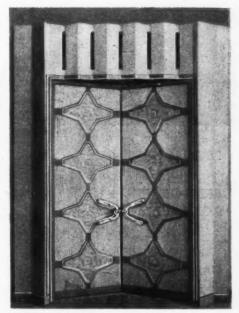
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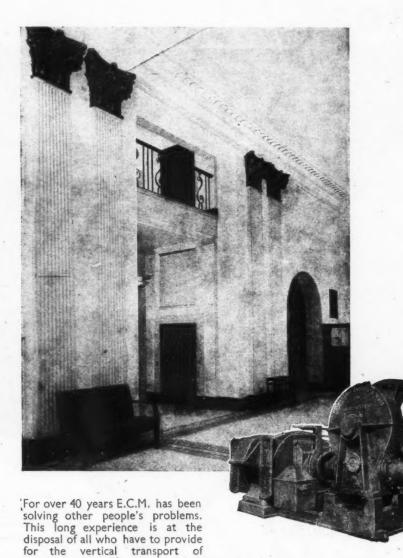


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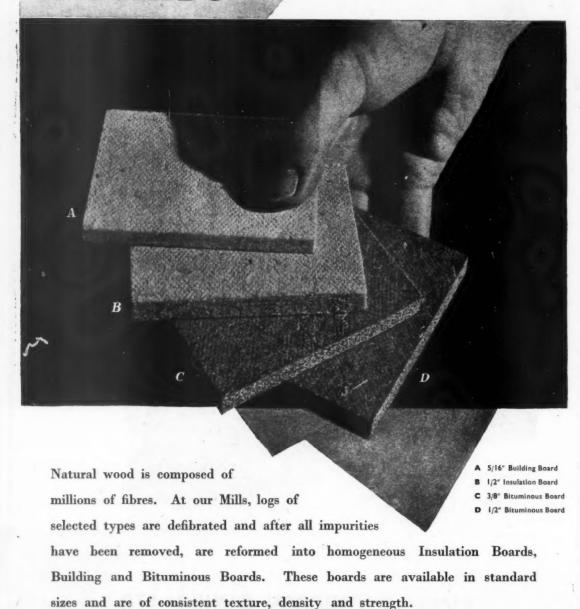
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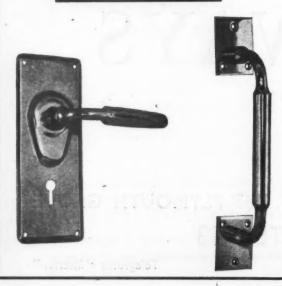
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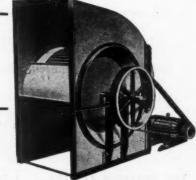
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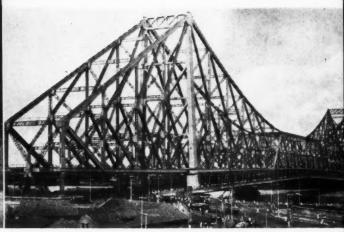








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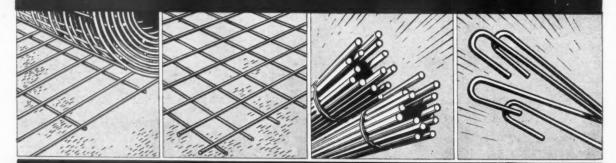
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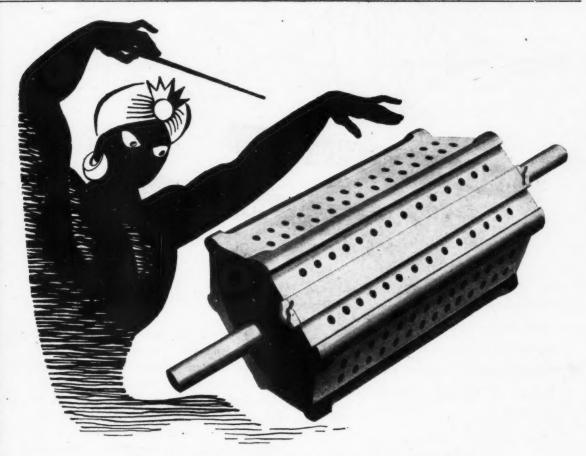
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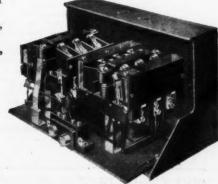


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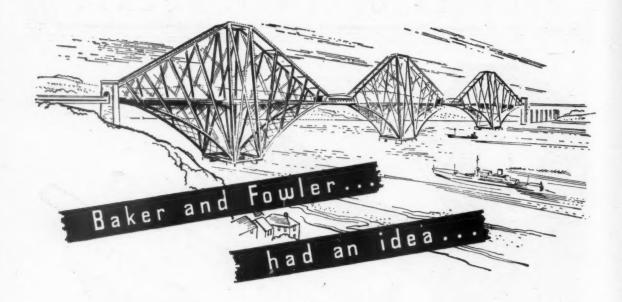
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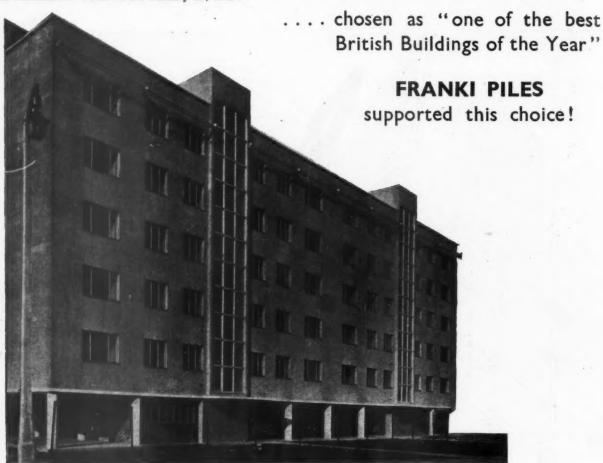
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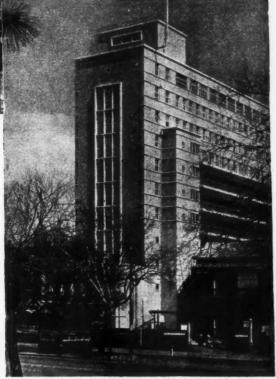
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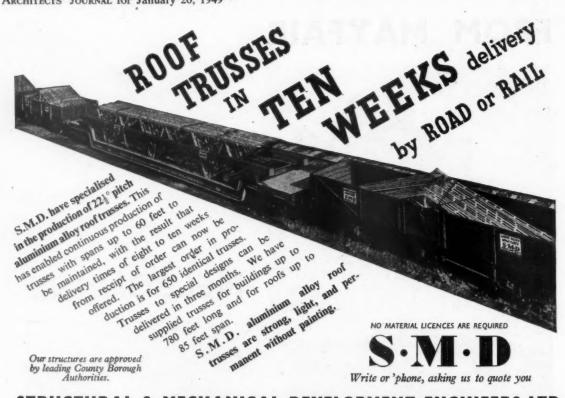


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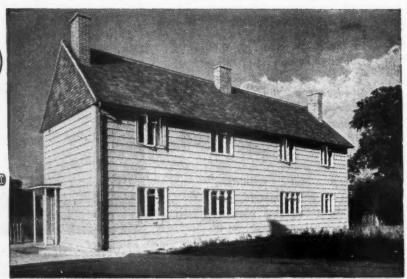


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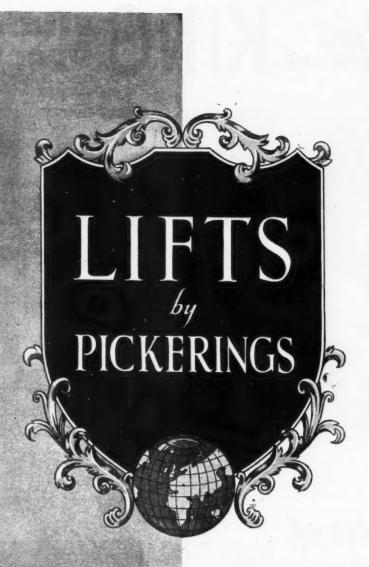
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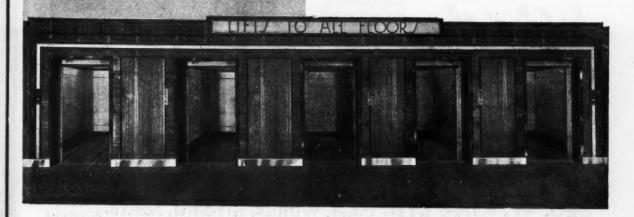
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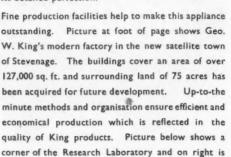








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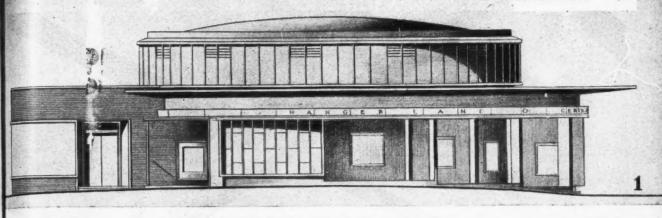
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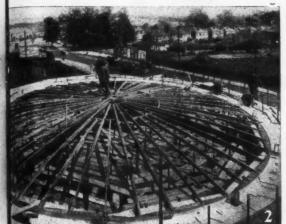


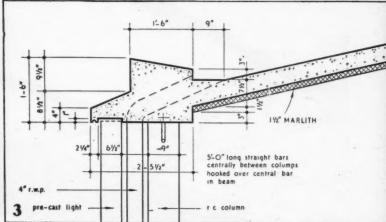




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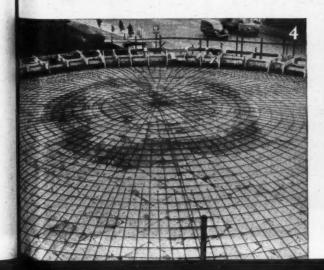
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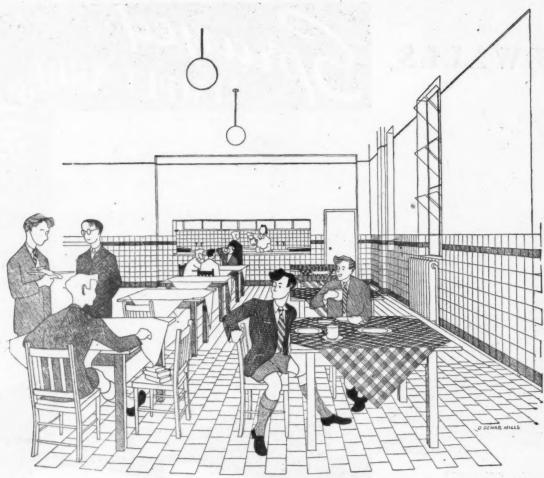
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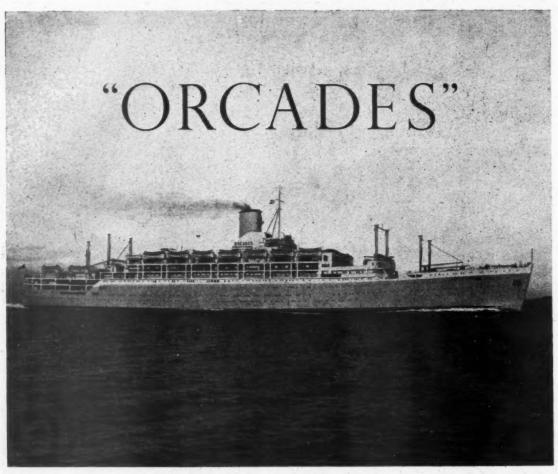
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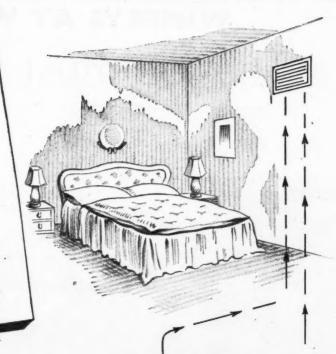
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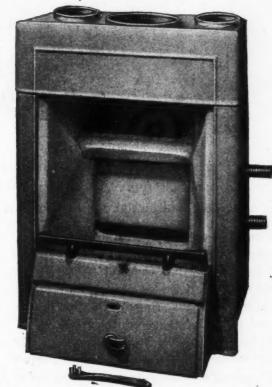
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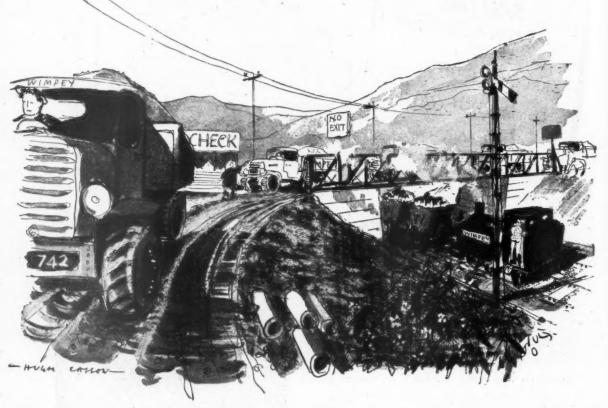


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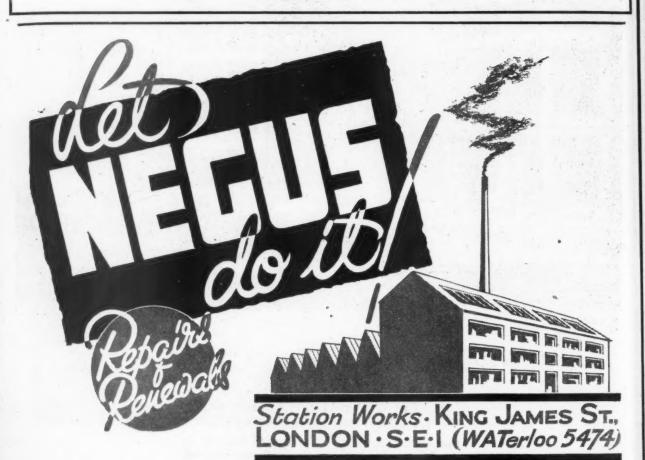
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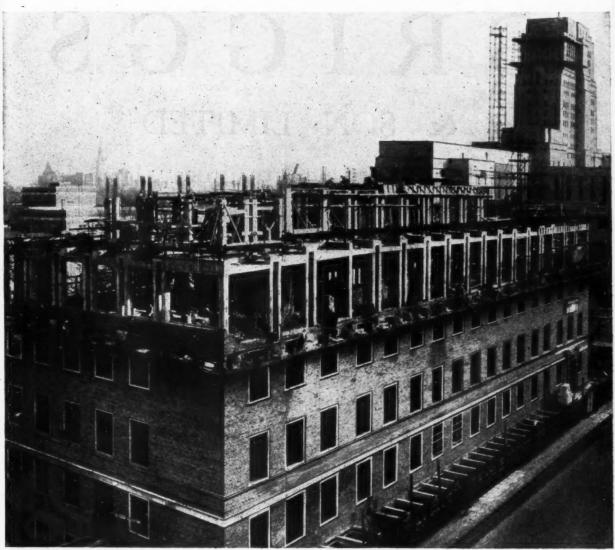
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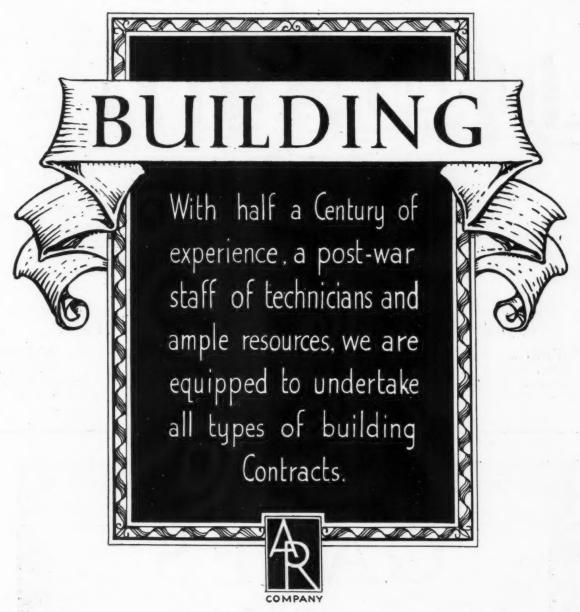
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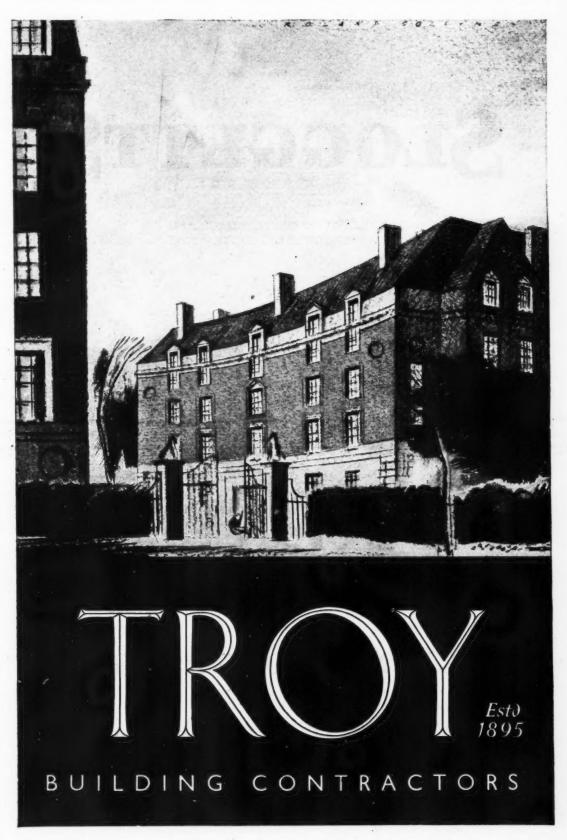
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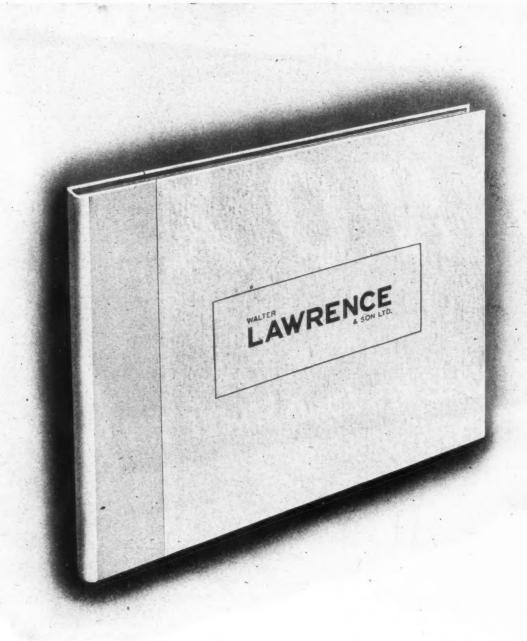
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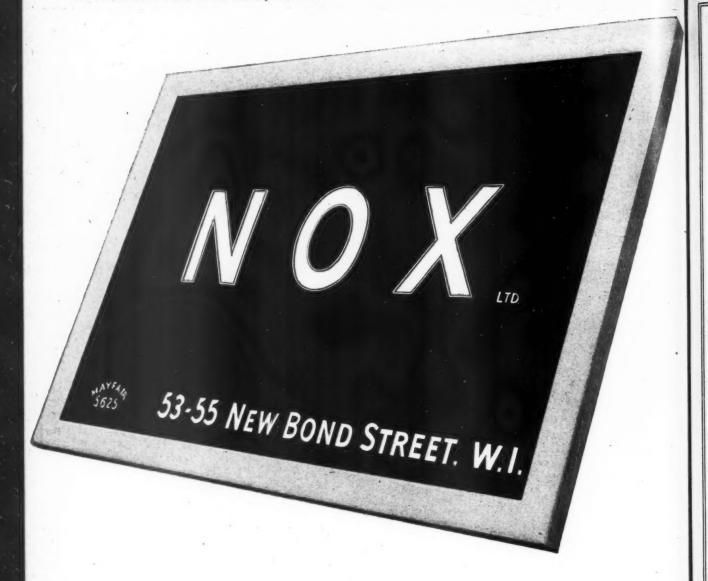
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#### DIARY FOR JANUARY FEBRUARY MARCH

Titles of exhibitions, lectures and papers are printed in italics. In the case of papers and lectures the authors' names come first.

LONDON. A Course of Six Lectures on Timber. Philip O. Reece. Tim-ber as an Engineering Material. Jan. 27. R. T. Walters. Framed Timber Structures. Feb. 7. R. T. Walters. Glued Laminated Timber Structures. Feb. Glued Laminated Timber Structures. Feb. 17. H. A. Cox. Timber as a Raw Material. D. A. Hubbard. Modern Adhesives—Their Present and Future Application. March 10. B. A. Jay. New Woods for Old—Some Alternatives to Traditional Timbers. March 21. All lectures begin at 7.15 p.m. and will be held in the Fyvie Hall at the Polytechnic, Regent Street, W.1. (Sponsor, TDA.)

JAN.-MARCH JAN.-MARCH

A Series of Papers on Industrial Design. Gordon Russell. The Industrial Designer's Responsibility. Feb. 2. Robin Darwin. The Training of the Industrial Designer. Feb. 16. John Gloag. British Industrial Design and World Markets. March 2. At the RSA, John Adam Street, W.C.2. (Sponsor, RSA.) All meetings begin at 2.30 p.m. FEB.-MAR.

Tottenham New Town Exhibition. At the Planning Centre, 28, King Street, W.C.2. (Sponsor, TCPA.)

UNTIL IAN. 26

Design Fair. At the Whitechapel Art Gallery. (Sponsor, CID.) UNTIL JAN. 29

Exhibition of Visual Aids. At the Murray House Exhibition Hall, Vandon Passage, Fetty France, S.W.1. (Sponsor, CID.)
UNTIL JAN. 29

The New Social Legislation and the Family. A Conference to be held at the Conway Hall, Red Lion Square, W.C.1. (Sponsors, TCPA and British Social Hygiene Council.)

JAN. 20-21

R. Furneaux Jordan. Inaugural address at the AA, 34/6 Bedford Square. 8 p.m. JAN. 26

Engineering Equipment and Materials Exhibition. At the Old Horticultural Hall, Vincent Square, S.W.1. (Sponsor, "Britain's Best" Exhibition.) JAN. 26 TO FEB. 9

NFBTE Annual Meeting. In the Liverpool rictoria Friendly Society Building, Southampton Row. Jan. 27 Victoria Southampton Row.

Underground Station. (Sponsor LCC Housing Exhibition. LCC.)

RIBA Presidential Address to Students and Presentation of Prizes. Criticism of work submitted by Anthony Chitty. At the RIBA, 66, Portland Place, W.1. 6 p.m. FEB. 8

E. H. Collier. Modern Concrete Technique on the Job. At the Caxton Hall, West-minster, S.W.1. (Sponsors, ABT.) 7 p.m. FEB. 10

F. J. Samuely. Force and Form: The Aesthetics of Stress Distribution. At the RIBA, 66, Portland Place, W.1. (Sponsor, ASB.) 6 p.m. Feb. 15

Professor Anthony Blunt. Mannerism in Architecture. At the RIBA, 66, Portland Place, W.1. (Sponsor, RIBA.) 6 p.m. FEB. 22

Sir Cyril Fox. Building Techniques and House-Plans in the 15th to 17th Centuries: A Monmouthshire Survey. Two public lectures to be given in the Anatomy Theatre, Gower Street, W.C.1. (Sponsor, University College, London.) 5 p.m. FEB. 22 AND MAR, 1

S. Hyde. The Georgian House. In the Anatomy Theatre, Gower Street, W.C.1. (Sponsor, University College, London.) 1.15 p.m.

Ideal Home Exhibition. (Sponsor, The Daily Mail.) At Olympia. Mar. 1-26

The Architect's Place in our Education.
At the AA, 34/6, Bedford Square, W.C.1.
Joint members and students' evening.
(Sponsor, AA.) 7.45 p.m. Mar. 2

R. C. White-Cooper. Italian Renaissance Architecture. In the Anatomy Theatre, Gower Street, W.C.1. (Sponsor, University College, London.) 1.15 p.m.

H. S. Goodhart-Rendel. Rogue Architects of the Victorian Era. At the RIBA, 66, Portland Place, W.1. (Sponsor, RIBA.) 6 MAR. 8

MAIDSTONE. RIBA New Schools Exhibition. At Maidstone School of Art. (Sponsors, RIBA and Kent CC.) JAN. 22-28

MANCHESTER. Timber as an Engineering Material. Post Advanced lectures in Building and Civil Engineering. R. T. Walters. Structural Design. Jan. 26: F. D. Silvester. Connections. Feb. 9: P. O. Reece. Plywood. Feb. 23: B. Alwyn Jay. Posts and Preservation. March 9: P. O. Reece. Comparative Efficiency of Timber in Relation to Other Materials. March 23. At the College of Technology, Manchester. (Sponsors, TDA in collaboration with the Regional Advisory Council for Technical Education.) UNTIL MAR., 1949

WOLVERHAMPTON. F. Binns Hartley. The Present Housing Problem—Is New Legislation Necessary? In the Council Town Han.
JAN. 27 Chamber, Wolverhampton (Sponsor, RSI.) 10.15 a.m. Wolverhampton

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To face page 76

82

Architectural Books of the Year. By Merton Tester

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.

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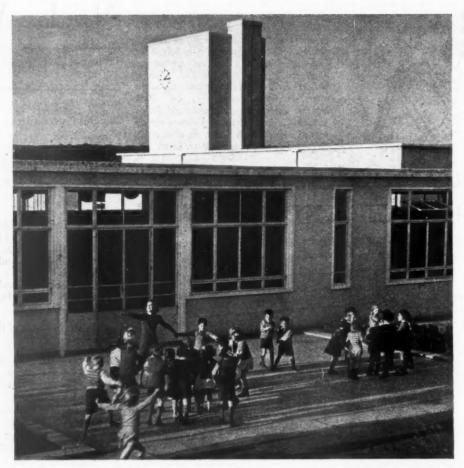


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# HOPE'S METAL WINDOWS **DOORS & DOOR FRAMES** LAVATORY CUBICLES

HENRY HOPE & SONS LTD., Smethwick, Birmingham and 17 Berners St., London, W.1

NEW YEAR ISSUE. For the first time since the war the JOURNAL is able to publish its New Year issue as a double number. This issue therefore contains all the traditional New Year features: Astragal's review of the year, with decorations by Gordon Cullen, a review of the buildings of the year, illustrating the year's best designs with a commentary discussing the trends they represent, and a review of architectural books published during the year. In addition there is one quite new feature: an illustrated report of a round-table discussion at which a number of architects who have travelled widely during the past year exchange reminiscences of what they saw in other countries and impressions of building progress abroad.

\*\* Mr. Robin Day and Mr. Clive Latimer have won an INTERNA-TIONAL COMPETITION FOR COST LOW FURNITURE.

British designs and manufacturing processes have won a 5,000 dollar first prize in an International Competition for low cost furniture held in New York. This was announced on January 18 by the Museum announced on January 18 by the Museum of Modern Art, the sponsors, who stated that the International jury, which included Gordon Russell, Director of the British CID, selected designs submitted by Robin Day, F.S.I.A., and Clive Latimer, M.S.I.A., from more than 3,000 entries. The winning designs make use of a reproductory technique invented by James Henderson, a Fifeshire manufacturer, which enables too, back shire manufacturer, which enables top, back and bottom of a cabinet to be fabricated in plywood in one continuous piece at a rate of one every three minutes. Other advantages are that the number of joints is reduced to two and that only half the normal amount of wood is used. Mr. Day, aged 33, started as a furniture designer in High Wycombe. Later he won a scholar-ship to the Royal College of Art. He specializes in exhibition design and mass-pro-duced radio cabinets. Mr. Latimer, also aged 33, has designed furniture for Heal & Son 33, has designed furniture for Heal & Son which was exhibited at the Britain Can Make It exhibition in 1946 and has been a member of the BOT Design Panel for utility furniture. He now teaches furniture design at the Central School of Arts and Crafts. Prototypes of prize winning designs were constructed by Heal & Son, London, and will be exhibited when the design rights are released by the Museum of Modern Art.

Frank Lloyd Wright, has been selected to receive the GOLD MEDAL OF THE AMERICAN

INSTITUTE of ARCHITECTS.
This announcement has been made by Douglas W. Orr, President of the AIA, who said that Mr. Wright was selected to receive the Gold Medal by the Board of Directors at a recent meeting. The Gold Medal will be presented to Mr. Wright at the 81st annual convention of the Institute in Houston, Texas, on the evening of March 17, 1949.

MOTCP is prepared to confirm the DOVER CENTRAL AREA COMPULSORY PURCHASE ORDER, subject to modifications. The Dover Town Council have been informed of this decision. The compulsory purchase order was the subject of an inquiry in July, 1947. It covers a number of areas, of which the chief is 26 acres belonging to the Dover Harbour Board with whom the council has an agreement about development. It also includes part of the centre of the sea front, stretching inland for about

200 yards, but it omits some of the worst war-damaged area nearby. The council want to redevelop this area of the sea front by laying out gardens with flats and hotels

Mr. Herbert Morrison drove the first pile of the RIVER WALL ON THAMES SOUTH January onThe new wall will extend from the existing wall at County Hall to a point just downstream of Waterloo Bridge-a distance of 1,700 ft. It will follow the general curve of the river, but will be some 60 to 140 ft. in advance of the present river frontage so that about 4½ acres of land will be reclaimed. Part of this reclaimed land will later be laid out as a public open space so that Londoners will be able to enjoy a view of the Thames. Government offices, the concert hall, and a national theatre will the concert hall, and a national theatre will adjoin the open space, but vehicles will not be allowed on the river front. The wall will be similar in appearance to the existing embankments. The paving behind the wall will be at flood-prevention level—about 1 ft. 3 in. higher than the County Hall terrace. Direct access to the river will be provided by suitably placed steps and the construction of landing stages is being considered. The construction will be in seconstruction will be in seconstruction. considered. The construction will be in sections inside steel cofferdams. Temporary timber stagings will be erected during construction to protect the work. The timber (some 259 standards) was salvaged from the emergency Thames bridges which have the emergency I hames bridges which have now been dismantled. The filling behind the wall will be mainly of material from demolished air-raid shelters and from demolished buildings on the site. The work is being done by Richard Costain, Ltd., for £250,000. The Council's Chief Engineer, Mr. J. Rawlinson, designed the new wall and will be responsible for its erection. Mr. R. H. Matthew, the Council's Archief Mr. R. H. Matthew, the Council's Architect, has advised on the architectural treatment. It is hoped that the wall will be completed by December, 1950.

MR. W. G. NEWTON, M.C., M.A., F.R.I.B.A., died in London, M.A., F.K.I.B.A., atted in London, at the age of 63, on fanuary 11. William Godfrey Newton, born in 1885, the youngest son of the late Ernest Newton, R.A. a past-president of the Royal Institute of British Architects, studied architecture at the Royal College of Art. He served in the Artists Rifles during the first world war and was awarded the M.C. Returning to practice in 1919, he was for some years editor of the Architectural Review. He was selected as Architectural Review. He was selected as Lecturer on Architecture in the University of Oxford, and later became Professor of Architecture at the Royal College of Art. He was particularly distinguished as a school architect, and his work at Marlborough, Uppingham, Bradfield, Radley and Alden-ham culminated in his selection as architect

for the new Merchant Taylors' School at Sandy Lodge. His other works included housing schemes at Otford, Woolwich and Shirehampton, the County Fire Office in Shirehampton, the County Fire Office in Piccadilly Circus, the Anglican Church at Alassio, the Territorial Headquarters in Albany Street, new buildings for Worcester College, Oxford, the head office of the Croydon Gas Company, a senior school for the West Riding of Yorkshire, and a number of country, houses. He was precident of the country houses. He was president of the Architectural Association in 1921 and served on the Council of the Royal Institute of British Architects from 1920 to 1923. His literary work included "The Architectural Contribution of Imperial Rome" (1912), "Prelude to Architecture" (1925), "The Work of Ernest Newton, R.A." (1912), "The

The Council of the RIBA have decided to discontinue the DIPLOMA IN TOWN PLANNING.

The Examination to be held in 1950, the The Examination to be held in 1950, the closing date for applications for admission to which is January 1, 1950, will be the last examination qualifying for the RIBA Diploma in Town Planning, and will be based on a revised syllabus and time-table which has been prepared and will be available for distribution in due course. A special examination for candidates previously relegated under the existing syllabus in not more than two subjects will be held in 1950, and any candidate who fails at in 1950, and any candidate who fails at that examination to satisfy the Examiners will be unable subsequently to quality for the RIBA Diploma.

#### NEWS IN BRIEF

MOTCP has confirmed the appointment of the Rev. C. Jenkinson, of Leeds, as chairman of Stevenage New Town Development Corporation. The Corporation has announced that Mr. G. E. Hardy has been appointed Chief Engineer.

RIBACouncil have approved the recommendation of the have approved the recommendation of the Jury of the Berks, Bucks and Oxon Architectural Association that the award of the RIBA Architecture Bronze Medal in the area for the period 1936-1946 be made in favour of St. Luke's Church, Cowley Road, Oxford, designed by Mr. H. S. Rogers, F.S.A., F.R.L.B.A.

The following Planning Consultants have been appointed by the Bucking-hamshire County Council. Mr. Anthony have been appointed by the Bucking-hamshire County Council. Mr. Anthony Chitty, of Hening and Chitty, architects, has been asked to prepare development plans for the towns of Aylesbury and High Wycombe. The Council has also appointed Messrs. Minoprio, Spencely and Macfarlane as consultants for the redevelopment of



Work in Progress: 1949

## 1949

THE Organization tor European Economic Co-operation is busy predicting the shape of 1952. Sir Stafford Cripps promises us—with a few cautious reservations—better times in 1953. The Government has commissioned Mr. Gerald Barry to provide us with a Festival in 1951. But the architectural profession, while not immune to the inspiration of brave new horizons, is more concerned with the world it finds itself coping with at close range. What, it asks, of 1949? The rest of this issue assesses some of the achievements of the year just finished and looks at a picture of the global architectural background against which the British reconstruction effort is being made. But it is the traditional role of a New Year issue to look forward as well as back, and this issue can properly begin by remembering that out of the past grows the future. It is easy for the JOURNAL to wish its readers the customary prosperous New Year; not so easy to give in a few words the reasons why it feels able to do so with fair confidence. Because the grounds for pessimism are not far to seek: frustration over continuing shortages and restrictions; depression at the news that there are as many future architects in training as qualified architects in practice; alarm, perhaps, at the possible result of the publicity given to a recent Tribunal, at which a firm refusal to grant a licence was regarded apparently as the best proof of an official's integrity. Grounds for optimism, on the other hand, are more tenuous, but, being based on generalities, they are at least more lasting in their nature. Architects have only to look around them to see a need for new buildings greater than ever in our history. They may complain that they have been doing this since the war ended and are tired of waiting to be allowed to begin work on them, but it was inevitable that there should be a period of delay and confusion while building got into its stride again, and, indeed, a period of partial disillusionment while our rosy war-time hopes adjusted themselves to the realities of practical politics. Difficulties and frustrations will continue, but they show signs of growing less. More important is the simple fact that buildings, albeit slowly, are going up. Difficulties as such are not necessarily a danger to good architecture; they can even be a stimulant. Frustration, on the other hand, is a real danger when it springs from inaction. The best chance of better buildings is more buildings. There are many problems to be solved before the way ahead can be said to be clear, especially those concerned with the organization of the building industry, the output of the building worker, and how to encourage initiative inside large public architectural offices. But now that the fruits of the slow post-war start are appearing in the shape of actual building construction, however much handicapped by shortages of men, money and materials, architects can begin to feel that it is increasingly on their own efforts that the future of architecture depends. That is the best encouragement of all.



### ASTRAGAL'S REVIEW

1948

#### 7 ANUARY

The human race, to which, as has been said, so many of my readers belong, faced the birth of 1948 with feelings of resignation rather than of rejoicing. International relations were entering what leader-writers described as "a realistic phase"—i.e., active fighting was in progress wherever it had not actually been begun—and, so far as this country was



concerned, it seemed that we were being faced with that most discouraging of all situations, a dilemma with only one horn, and that an unpleasantly sharp one. The increasing popularity of radio scrap-books, Victorian novels and furniture, and of period costume on stage and screen, showed how widely prevalent was that nostalgia for the past, that golden time when-or so it seemed-progress was taken for granted, money was more valuable, girls prettier, songs catchier and foreigners more insignificant. Against the sombre background provided by the assassination of Gandhi, the civil war raging in Kashmir and the falling franc, it was still, however, possible to see a few sparks of encouragement. It was warmer than usual, more houses were (together, alas, with their prices) going up-17,796 of them in December-the discovery of a man-eating clam on Bikini gave evidence that some life at least would survive the next atomic war. Finally, for those who thought the days of chivalry were dead, there was a romantic story from Switzerland. A lone skier in the mountains found a naked girl bound to a tree, rescued her, and they skied off into a new life together.

#### FEBRUARY

The usual February gift of 'a White Paper from the Government planners dealt with the dangers of inflation and recorded, with the determined cheerfulness of a scoutmaster finding one of his charges using a granny knot, our achievements for 1947. It was clear that the planners'



estimate of a year ago of where we should be in 1948 was hardly more accurate than if it had been concocted by

inspecting the entrails of a goose. The arrival of Danny Kaye, however, cheered us all up and enlivened the opening rounds of the domestic battles—Bevan versus the BMA, the City Enquiry into the Holford-Holden Plan and the differences of opinion in Oxford about Thomas Sharp's proposals. Abroad, Mr. Costello succeeded Mr. de Valera, Czechoslovakia succumbed to a "putsch" in Russian Boots, and the Government of Tibet, long famous for its wisdom, announced that its frontiers would be closed to foreigners until 1950, a year of official rejoicings no doubt, celebrated by such familiar Tibetan diversions as brick-thé-dansants. Unusually topical this month, by the way, were the popular tunes of the moment—one being "How are Things in Guatemala?" (where there was a revolution) and "South America, Take it Away" (which she was engaged in doing in the Falkland Islands).

#### MARCH

As usual, the first month of spring—although celebrated in such high winds that lighthouse-keepers had to be fed by helicopter—seemed to stimulate both ideas and effort. The steel industry set up a new production record, the housing figures rose to their highest point ever, the



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Government announced that there was to be in 1951 a Festival of Britain with, as Director-General, Gerald Barry, the man who had first put forward the idea. At the RIBA the Russians, and at Olympia the Daily Mail, exhibited their separate versions of the Ideal Home, and The Architectural Review had its plan for a Westminster precinct televised and, in addition, came out in a New Look-smaller, plumper, easier to handle, but as shy as ever of disclosing its name, its page numbers, or the identity of its remarkable captioneers. But best of all-better even than the encouraging appointment of Mr. Lubetkin to plan the New Town of Peterlee-was the lifting of the Travel Ban. For many architects this restriction had been as odious as the shortage of timber. (Though not to all of us, apparently, for it is said that an AA student, awarded a travelling scholarship this year, put forward in honest preference, poor fellow, a course of study within these shores). Even the sad news from Europe—the deaths of Jan Masyryk and Toni Garnier, the fantastic scandals in the Vatican and, further east, the continuing struggles in Palestine, Greece and Indonesia, could not quell the hopes raised by the re-imposition of the £35 allowance, and Hollywood agencies, announced as willing to pay £1 an hour to "Laugh Reactors" for testing comedy films (" naturally amused persons only need apply "), would have found plenty of takers in Britain this month.

#### APRIL

But, alas, it seemed that we had been driven prematurely gay. Tension in Berlin was sharper, the economic crisis became graver, a new word, "productivity," crept into the official ad-columns, and targets were raised and lowered with such inconsequent frequency that it was not surprising they were never



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hit. (So loose, indeed, had become the use of the word target that workers were praised when they overshot it.) The RIBA issued a statement on the Architect and the Economic Crisis, and Lord Citrine warned the country that there would be electricity cuts for years to come. Not entirely unexpected, therefore, was the announcement by Dr. Gallup that 42 per cent. of those asked whether they would leave this country if able to, said "yes."

More cheerful events this month were the visit of Mrs. Roosevelt to unveil the statue of her husband in Grosvenor Square, the sailing from America of the first Marshall Aid ships (one-fifth of recipients polled in Europe by Life had never heard of Marshall nor his Aid), and the escape of a London baboon, who used his freedom to acquire those unmistakable symbols of civilised man, a pink eiderdown and a bottle of stout.

#### MAY

This is traditionally a busy month for the RIBA. A new president -third of a family dynasty-was inaugurated, a new librarian appointed, a successful conference held at Liverpool, and an admirable Schools Exhibition-accompanied by two special issues of the AJ-was opened in Portland Architects encountered



individually complained bitterly (and in the same breath) of being so hampered by restrictions that practice was at a standstill and of being unable to find good assistants to help them cope with an unbearable burden of work. There were those, too, who publicly boasted of their million pounds worth of work on the board but who privately dreaded the lifting of restrictions which would involve some of this halfdigested work getting built. The annual exhibitions of Art (RA) and Industry (BIF) were joined this year by a promising newcomer-sculpture in Battersea Park-and the GPO bravely announced that telephone kiosks would remain indisputably Red.

Abroad, President Benes had resigned and Field-Marshal Smuts followed Churchill and De Valera into political exile, but Western Union, which in 1946 had seemed a visionary idea, was now a reality under active discussion at The Hague.

#### 7UNE

Under the TCP Act, as most of you remember, every planning authority has to submit its plan to MOTCP within the next two years. Such plans as have already been seen around have been for the most part neither as imaginative nor as realistic as could be wished, and most of us welcomed Mr. Silkin's decision this month (and three years too late) to set up a committee to examine the



qualifications needed by Town Planners. The fact that such a committee is necessary is as nasty a criticism of recent planning achievement as could be made. Imagine,

for instance, a committee being set up today to investigate the necessary abilities of solicitors or dentists! There is no doubt that the planning profession was caught napping by the post-war boom and has already lost most of that public support and interest which was so encouraging in 1944, 1945 and 1946.

For architects Mr. Key had a cheerful hint of more relaxed restrictions, and UNO was encouraged by a truce in Palestine. The preliminary design was published for the new High Altar in St. Paul's Cathedral, following the ideas of Sir Christopher Wren 250 years after. In America the presidential campaign opened—it had closed here with the election at the AA of Mr. Enthoven-the annual dock strike petered out, and Tito was publicly reprimanded by the Cominform, and left, in the words of the lady from the Bronx, looking like a lurch.

#### 7 ULY

Mr. Bevan gave this month a pleasant push-off by announcing that houses were going up at the rate of 20,000 a month (no costs mentioned), while Mr. Key



retaliated by raising the householder's £10 limit to £100, and the LCC voted 17 million pounds for its housing programme. (No mention of where the houses were to go or what they were to look like.) Despite the increased use of incentives, the decline in personal output in the building industry was now openly admitted, and MOW set up a Working Party to study the industry—within certain sadly restricted limits. The international Union of Architects held their first conference at Lausanne, Edinburgh University established a Chair of Architecture, the TUC competition was won by Mr. Aberdeen, Mr. Hugh Casson was appointed Director of Architecture, Town Planning and Building Research for the 1951 Festival, and on America's Independence Day Marshall Aid was debated in the House.

But all eyes were on Wembley, where, in blazing heatincreased by the Calor Gas-lit Torch—and among the tawdriest decorations ever seen in London-the Olympic Games pursued their familiar and exciting routine, an event tragically marked for this country by the death in an Olympic glider crash in Switzerland of the brilliant British architect, Christopher Nicholson.

#### AUGUST

No amount of persuasive staggering can prevent August from being a holiday month, but those who, perforce or otherwise, took advantage of it were rewarded by the wettest month for fifty years. "The trouble about saving for a rainy day," remarked one drenched holiday-maker, "is that it always comes on your holiday." Nevertheless, there was a successful T & CP Summer School at Cambridge and a more modest



conference on Landscape Gardening at County Hall. Dr. Giedion delivered a couple of well-attended lectures, and in a Midlands theatre a man died of excitement while watching Phyllis Dixey do a strip-tease. Mr. Attlee and Mr Shinwell were removed to hospital, both suffering from infection of the feet. (How unromantic are the occupational diseases of contemporary cabinet ministers.) Despite Mr. Bevan's housing figures—disputed, incidentally, this month by Mr. Ernest Marples, M.P.—the shortage of houses continued to be serious, and a man in Liverpool who was offered a flat was so astonished that he had a fit and had to be removed to hospital.

In Berlin the air lift continued its miraculously regular deliveries, and the German communists continued to lose ground, while from America, apart from the election campaign, the only news was the shooting of a girl by a sailor in a New York bar. His defence, sympathetically heard, was that she had allowed a juke-box to play "Bingo, Bango, Bongo, I don't want to leave the Congo" seventeen times, and at the time of being plugged was inserting her nickel for the eighteenth rendering.

#### SEPTEMBER

Mr. John Belcher—how comparatively unfamiliar as yet that Menjou moustache and serious brow—announced that reconstruction of central areas in the heavily bombed cities would be starting in 1949, while work



on the New Towns would recommence almost immediately. (Houses were already going up at East Kilbride.) Stevenage lost its second chairman (Sir Thomas Gardiner). Lambeth had a planning exhibition, and Chiswick House was acquired for the nation by MOW. Reports on London Airport (from Min. of CA), domestic gardens (from MOH), and competitions (Mars Group) were published, and Messrs. Blackburn (Dumbarton) Ltd. announced that by using their method a permanent two-storey brick-built house could be completed in six weeks.

Those of us who felt that to demolish air-raid shelters was to tempt providence were not surprised by the Government decision to suspend demolition contracts, and the rearmament programme and civil defence plan discussed this month made additionally cheerless reading.

Abroad there was a British exhibition in Copenhagen, a strike in France, a five-day war in Hyderabad and, in Palestine, the assassination of Count Bernadotte. At home a suburban householder called Farey was fined for keeping a horse in his front parlour. "It's used to a sheltered life," he explained to the magistrate.

#### OCTOBER

The MOH Report on the Cost of House Building, published this month, contained no surprises. Unable, through its limited terms of reference, to discuss such tendentious topics as builders' profits, new methods and the structure of the building industry itself, it confined



its researches to two subjects—cost of labour and standards of accommodation—coming down firmly against the ground-floor W.C. and officially confirming for the first time the fall-

ing output from the workers. What to do about it remains presumably for the MOW Working Party to suggest. The LCC and 1951 Festival authorities jointly announced plans for the South Bank, which include a new concert hall—to be designed by Mr. Matthew and Dr. Martin of the LCC—and temporary preservation of the Shot Tower. Exhibitions included those of Danish Art (at the V & A), Eric Ravilious (at the Arts Council) and Design at Work (at Burlington House). Trafalgar Square was reopened with its floodlit fountains, and the Left Book Club was closed down. (With it, presumably, dies that famous story of the one-legged man who was always asking his way to the Left Boot Club).

#### NOVEMBER

Second relaxation of those promised in June by Mr. Key was the MOW announcement that £1,000 can now be spent without a licence on certain types of buildings (no, not houses). The Government started the passage of the Steel Bill, the West Midlands published a plan, Tecton disintegrated, and the joint report on education by Mars and Arch. SA was published. France was rent by strikes, UNO was wran-



gling ineffectively in Paris, and in China the Government of Chiang Kai-shek was on its last legs. But all these activities passed unnoticed in the shadow thrown by three outstanding events-the birth of Prince Charles, the opening of the Lynskey Tribunal and the presidential triumph of Trumanall three a victory for "the little man." As for the last item, the red glare on Skiddaw which brought to the Burghers of Carlisle the news of Drake's victory was nothing to the glow of red faces from Dr. Gallup and other political commentators who had predicted so firmly in Dewey's favour. Only the stars (of Hollywood), when consulted, had not committed themselves against Truman, for a film star's reputation is too expensive an asset to be risked on a political gamble, however much of a certainty. Seldom, in fact, have newspaper readers enjoyed themselves so much as this month, and for once they sympathised with that constant neurotic editorial bleat for more paper.

#### DECEMBER

This month, with its fin de l'année morbidity and nightmare Christmas rush, has little to recommend it. "It's a dull sight," the poet said, "to watch the year dying," though, with the Lynskey Tribunal covering all four pages of every newspaper, it was questionable whether eyes ever strayed elsewhere than to Church



House. It was a grubby tale, and few of us felt at the end unsoiled if only by reading of it. "Just what you'd expect," said some, "when the country is run by a bunch of railway clerks, LSE bigots, ex-lay preachers, and minor co-op officials." "How can Britain hope to recover," said others, "when private enterprise is exposed as such a

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thieves' kitchen of tax evasions, sharp practice and mutual distrust." The Government produced its bombshell about the pubs in the New Towns and, as a result of the discussions that followed, it was the Burghers of Carlisle (see above) whose faces were red this time.

Internationally, despite the hope of a United Europe and the reality of the Marshall Plan, the outlook seemed darker than ever. Domestically, the period of Plans and Targets and Productivity (do you remember how we used to giggle at the Russians for using such words and at the Germans because they could only travel with limited sums?) shows no sign of ever leaving us. Architecturally, the conflict between private practice and public service seems insoluble, so restricted and uncertain is the first, so lifeless and frustrating the second. This conflict is, of course, only one facet of the main problem of our times, now being discussed in the Reith Lectures by Bertrand Russell.

So much for 1948. I expect it's left most of you about as happy as sandbags. Let's hope 1949 will provide a more cheerful record for next year's Review of the Year.

### PERSONALITIES

Astragal's vote for Personality of the Year goes to Gerald Barry—Hon. ARIBA and non-Hon. Director-General of the Festival of Britain, 1951—and one of the few men in the country lucky enough to be looking a little further ahead than next Tuesday.

Astragal also doffs his hat in congratulation to Presidents Truman, Waterhouse and Enthoven: to Gold Medallist Auguste Perret and to RDI ex-AJ-Editor Christian Barman: to MOTCP for its Redevelopment of Central Areas and to MOW for the Trafalgar Square fountains: to the City of Birmingham, Housing Champions for 1948, and to the Borough of Bridge of Allan for advertising for an architectural assistant qualified as a meat inspector: to contemporaries Architectural Review and AA Journal for their New Looks and to Groucho Marx for growing a real moustache: to postwar Information Sheets upon their first birthday, and to Christopher Robin upon his marriage at the age of 28 . . (Heigh-ho, do you remember?): to the LCC (in spite of hard words about Campden Hill) for its sculpture exhibition in Battersea Park and for starting work on the South Bank: to Sir Ernest Gowers for Plain Words and to John Betjeman for continuing to colour them: to Captain Jeager (US Air Forces) for being the first man to travel faster than sound and to Rachelle Dorange, who drove, last autumn, from Paris to London in her fiacre pulled by Coco: to the sponsors of the Thames Water Buses and to the two gentlemen who walked across the Thames in bowler hats: to Jane Drew, a "Woman of our Time," and to Victoria Ocampo, Brazilian poetess, for running a British Council expense account of £662.

Also to the Mars Group for its provocative reports on Education and Competitions and to the Georgian Group, fugitives from the Cheyne gang: to the founders of the Chair of Propulsion at the Aeronautical College, Cranfield: to the

designers of the UNO building, to Stephen Supina, who dropped a bomb on Lake Success, and to Garry Davies, First World Citizen: to Alastair Sim, Rector of Edinburgh, and to Godfrey Samuel, Secretary of the Royal Fine Art Commission: to Evelyn Waugh for The Loved One and to Danny Kaye, belovedest one of all: to the man who calls his restaurant Short Champs and to the woman (for woman it must be) who has decided to cast Errol Flynn as Soames Forsyte in a film of The Forsyte Saga: to Lady Pepler, defender of Kensington, and to the equally gallant defenders of the 7-ft. 6-in. ceiling: to Sharp planners Thomas and Dame Evelyn: to Barney "Well-Trained" Seale for his Selfridge Christmas sculptures, and to the designer of those pillowcases photo-printed with the faces of film stars (" sleep cheek to cheek with your favourite star"): to Lubetkin for being determined not to be conquered by his Peterlee, and to Peter Shepheard for leaving his ewe lamb Stevenage safe from butchery and in the capable hands of Clifford "Roman" Holliday.

Also to rosy warriors Lancaster (Osbert) and Yorke (FRS): to Cambridge don A. J. Arkell for his book, Oxford Stone, and to traffic expert Hounsfield for his book on Traffic Surveys: to Chelsea for its policy of more studios for artists: to Brian O'Rorke for travelling around inside his own job and to Dr. Hess, of Germany, who, helped by Novocain, acted similarly by taking out his own appendix: to Contact men Weidenfeld and Harling: to PRO John "Osborn trained" Mumford, who keeps off afternoon fatigue at MOTCP, and to Lewis Mumford, happily back among the pages of the New Yorker: to Walter Gropius for bringing modern architecture to Harvard, and to Nuffield College for insisting on the reintroduction of Cotswold Gothic to Oxford: to German architects Scharoun and May for their plans for Berlin (alas, now superseded for political reasons) and Uganda, and to David Aberdeen, winner of the TUC competition: to travellers (some of whose tales are told elsewhere in this issue) Holford, Dawbarn, Fry, Chitty, Gordon Brown: to nuclear fission architect Basil Ward and to St. Paul's Reredos architects Godfrey Allen and Dykes Bower: to AA's Father Christmas G. I. Goulden and RIBA's auditor John Summerson; to the BBC for its programme "Buildings and Places" and to those who have so admirably contributed to it: to exhibitionists Misha "Magic" Black and Basil "ICI to Eye with" Spence, OBE: to expert cook Robin Darwin for his new Royal College of Art recipe: to A. L. "Golden Cut" Roberts and to Percy "Daylight Factor" Waldram.

Finally, Astragal awards a nod of formal greeting to Mr. Pafford Keatinge Clay for his hexagonal housemasters' colony at Stowe, and for the first time names some of those in whose presence his hat remains firmly upon his head: Westminster City Council for its Plan involving a roadway down the Duke of York's Steps, Cardiff City Council for its policy towards architecture: the designer of the Olympic Games decorations, and of the Roosevelt statue setting: the LCC for letting the pink of brick peer through the lacings of the green belt, and LCC Housing Committee Chairman Charles Gibson for knowing what the technical press will say before they don't say it.

#### BRITAIN: 1948 BUILDING IN

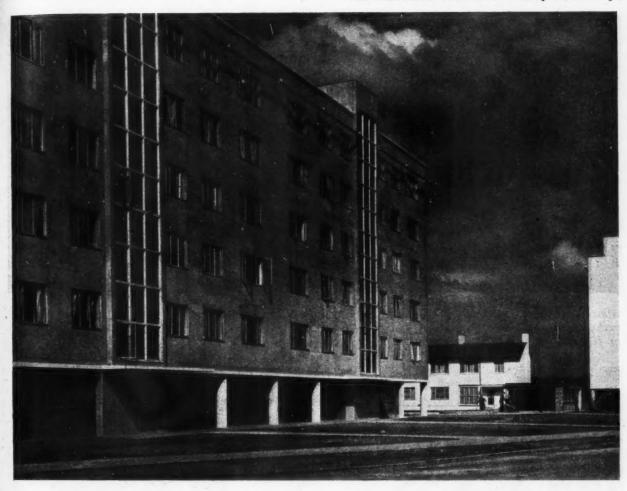
For a long time it has been Astragal's custom to conclude the Review of the Year which he contributes to every New Year issue of the JOURNAL with a list of people to whom he metaphorically takes off his hat in recognition of some achievement that deserves remembering. He does so in this issue (see preceding page) and has suggested that this year, in addition, he feels like taking off his hat to all architects for having completed so many buildings in the face of all the restrictions and other difficulties that afflict the profession today. For the year just past has been notable for this one thing if for no other: buildings are going up again. Since the war the New Year issue of the JOURNAL has had to be content with illustrating mostly planning schemes and projects. Now at last some of those projects are being completed and the year's architecture can again be illustrated in terms of real buildings. This is a gratifying stage to have reached but one that is accompanied by a very real danger:

the danger that the triumph of getting any building done in the face of all the difficulties should result in a lessening of the regard paid to quality. It would be only natural for architects to feel that the fact of completing a building is a sufficient achievement in itself. But this must not happen. However much of our own attention is occupied with overcoming practical difficulties, posterity will judge what we build by its quality. This is a question that many architects have on their minds, and in choosing the buildings to be included in a summary of the notable buildings of the past Year, the JOURNAL has given special attention to those that set a lead to the rest in trying to maintain quality in design and finish, irrespective of their size or importance.

Sir Charles Reilly is unhappily no longer with us to contribute the stimulating commentary that he wrote for the JOURNAL'S New Year issue during twenty-two years; instead the selection of buildings shown on the following pages, which is drawn from all those that became available for illustration during 1948, is accompanied by the Journal's own commentary on the designs and the tendencies they represent. Some of the illustrations constitute a preview of buildings that the JOURNAL will illustrate fully at a later date. It is hoped that the commentary will be taken as a disinterested attempt to focus attention on the necessity of maintaining design standards in the face of the technical and administrative difficulties that occupy so much of the architect's attention.



F the buildings that are at last beginning, in London and many other cities, to alter the familiar look of a skyline that has stood unchanged since bombs battered it out of recognition in 1940 and 1941, blocks of flats are by far the most prominent. Not only do they crop up in every urban area, but they are the form of city architecture of which the public-beset by the housing shortage-is most aware. For a long time to come it is by housing that the present generation of architects will be judged. Housingalong with schools—is also the testing ground for the now prolific race of public authority architects. So far they have not shown up too well. Newly completed flats naturally vary



On the facing page, flats at Sandringham Road, Hackney, by Norman and Dawbarn. Above, flats at Waltham-stow by F. G. Southgate, Borough Architect. The terrace houses in the background are part of the same scheme.

Right, flats at Elder Road, Lambeth, by Booth and Ledeboer

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as much in quality as architects do, but most of the schemes chosen for illustration on these pages on account of their There are some good design are by private architects. public offices that do good work-both among London boroughs and in the provinces—but at the moment they are in a minority, and it is too soon to say whether this is because they are still dominated by the atmosphere of the bad old days when architects with ideas and enterprise were reluctant to enter a public office, whether it is because public offices are not organized in a way that encourages the assistant responsible for a job to regard that job as his own to take a pride in, whether it is because the position

of a borough architect as part of an official hierarchy makes it difficult for him to prevent political and financial considerations getting in the way of architectural ones, or for any other reason. Among the public offices whose housing work fails by a long way to qualify for inclusion in these pages is the London County Council, who cannot complain if they are singled out for censure when others show design just as inept and detail just as crude. Quanti tatively they are the largest housing authority in the world and architects and others who mind about Britain's housing reputation are greatly distressed at the low æsthetic standard they are setting.





Above, left, part of Frederick Gibberd's housing estate at Hackney, consisting of flats, houses and old people's bungalows; right, flats in Chelsea by Edward Armstrong. Below, left, flats in Holborn by Anthony Chitty; right, flats at St. Pancras by Norman and Dawbarn.

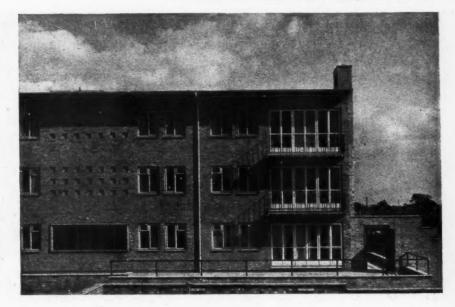




The first examples of new flats chosen for illustration here are London ones. Those by Mr. Graham Dawbarn, in Hackney (page 54) and St. Pancras (this page), combine a domesticity of character with indubitable urban scale, which is something we are accustomed to finding in, say, Swedish housing colonies but not in English municipal tenements. The way the blocks are grouped on the site without insisting on continuous street frontages is another thing we have been too slow to learn from Scandinavia; perhaps before the war we did often not build housing in large enough units to make this free planning possible. Mr. Southgate's scheme at Walthamstow (previous page) is a very large unit indeed, com-

bining flats with terrace housing. It comes from a public office, but qualifies for inclusion without a doubt on account of its broad treatment, relying on contrasts of mass for its effect, and for its thoughtful disposition of the blocks away from the main traffic areas. The proportion of wall to window is not very satisfactory in some places, and though care has been given to the finish of the concrete wall surfaces, one would visit Mr. Dawbarn's brick flats with more confidence in ten years' time. The ground floors of the six-storey blocks are not lived in, but are used for storage, laundries and covered playgrounds. By contrast with the huge scale of the Walthamstow scheme, the flats at Lambeth by Booth and Ledeboer (same page) are

Flats on the Monks Park Estate, Coventry, by D. E. E. Gibson, City Architect.



F L A T S

Below, one of four blocks of flats at Whitton, Middlesex, by Eric Lyons and G. Paulson Townsend.



small, but they have an agreeably sympathetic quality and gain by careful detailing from which many more pretentious schemes could learn a lesson. Mr. Gibberd's elegant scheme at Hackney (the photograph on the facing page shows one pair of flatted houses) is another big one of mixed houses and flats in which a pleasing variety of character is deliberately aimed at. Colour is thoughtfully used, which is rare in local authority housing. It is interesting to see pitched roofs reappearing in several of these schemes without compromising their modernity. Mr. Gibberd's are of that lately despised material slate.

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Mr. Edward Armstrong, in Chelsea, with the aid of good

brickwork, keeps up the high standard of clean, straightforward design that he was one of the first to set in local authority London housing. A uniformity of height makes this scheme rather tiring to the eye, but is presumably more the fault of the programme than the architect. Mr. Chitty, in Holborn, is also handicapped by his programme. He produces an uncompromisingly logical expression of the cellular nature of multi-storey flat blocks. But his design has little chance in an area that is being built up to a terrifyingly high density.

Moving away from London, one is naturally drawn to Coventry, where Mr. D. E. E. Gibson, as City Architect, has



Above, housing for Loddon Rural District Council, Norfolk, by Tayler and Green.

Right, housing for Warminster and Westbury Rural Council, District by G. Blair Imrie.

Extreme right. housing for Urban Hitchin District Council, by Harriss and Harriss.

Right, housing for Worthing Borough Council, by Cowles Voysey.

Extreme housing for Downham Rural District Council, by Hughes and Bicknell.









for some years shown a degree of enterprise and enthusiasm that others in a similar position might emulate. His latest housing scheme on the outskirts of the city (page 57) consists of three-storey flats, terrace houses and old people's bungalows; experiments with really tall flat blocks, like Mr. Chitty's at Holborn, seem chiefly to be confined to London at present. The symmetrical layout of the Coventry flats, in a series of identical squares, besides presumably making it difficult to provide consistently good orientation, makes for dullness on so flat a site. But simple, geometrical layouts, even to the point of dullness, are not to be despised. They make a good starting point for establishing a rational

urban vernacular, and our industrial cities already possess contrast and architectural variety in plenty. The flats are well detailed and have interestingly designed elevations. They make attractive use of roofs of very low pitch. All the flats illustrated so far have been designed for public authorities. To finish up with is one small private-enterprise scheme at Whitton, in Middlesex, by Lyons and Townsend (also page 57). It represents a type of development of which we may see more in the future. There are four small two-storey blocks containing six flats, planned in an open fashion suitable for areas that are not highly urbanized, so that each flat has some of the character of an independent house.





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Houses Cox Green, Maidenhead, Brian Peake.



Houses at Cowley Peachey, by Yorke, Rosenberg Mardall.

Next, the individual house itself. This is usually of the standard two-storey type built as part of a local authority housing scheme. In this class of building Britain shows great improvement since the war. The council house used to be a term of opprobrium for design as well as for social reasons. Now many rural and suburban areas are the possessors of admirably designed colonies of small houses, for which the supervision exercised and propaganda carried out by the Ministry of Health must be given some of the credit. The improvement may partly be due to the fact that more private architects are doing small housing estates and to the temporary disappearance of the spec.-builder, but some

good housing schemes have been designed in the offices of the local authorities, too. A notable advance has been made in the standard of grouping and the intelligent use of the possibilities of the site, a welcome change from the days when council houses were just strung out along the road frontage.

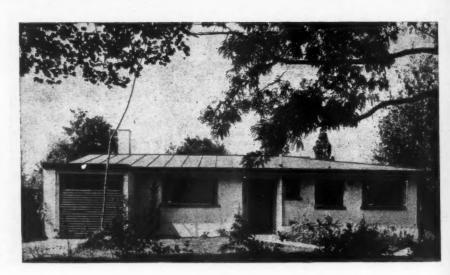
Messrs. Tayler and Green's scheme at Loddon is an example of the best kind of rural housing scheme, sensitively designed, modern in feeling but still in keeping with the English cottage tradition. These architects have been particularly successful in the way they have linked together the pairs of houses by means of single-storey outhouses incorporating passages through to the back gardens. The four smaller illustrations





Above, Arcon permanent house: prototype pair erected at Cranford Park, Southall, Middlesex.

Bungalow at Purley, Surrey, by R. G. R. Haggard and L. W. Cook.

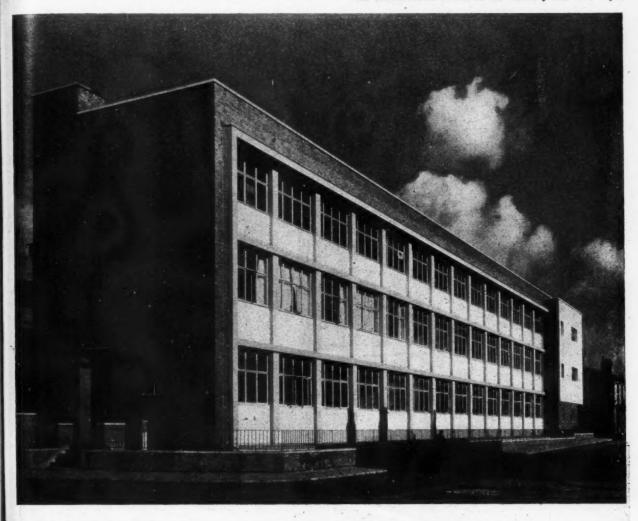


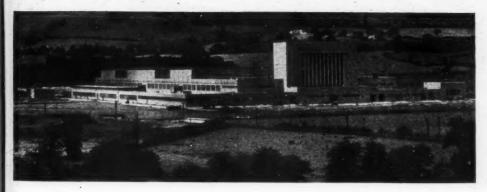
on page 58 show other examples of good work done by private architects for local authorities, in which terraces or pairs of houses are grouped together in various ways. They are all of brick, mostly colour-washed or rendered.

The two illustrations on page 59, of terraces of houses by Brian Peake and Yorke, Rosenberg and Mardall, are both private enterprise schemes, and perhaps for this reason are a little less traditional in style. They have a clear relationship nevertheless to English Georgian terrace housing and also have a family likeness to each other, which suggests that the small house is now evolving a contemporary style of its own. It would be interesting to know whether the roof of

very low pitch, to be seen on these and most of the other houses illustrated—also on some of the flats—derives from technical or financial calculations or whether it is merely a contemporary fashion. The two houses on this page are of a less orthodox kind. The permanent two-storey Arcon standard house is designed as a prototype It combines traditional building for mass-production. methods with factory-produced components, and in the specimen illustrated does not combine them altogether happily, but as this is only one unit intended to form part of a terrace or other group, which would read as a whole, the criticism is perhaps unfair. Apart from the rather clumsy design of







Above, addition to a factory at St. Helen's, Lancashire, by William and J. Basil Ellis. Left. factory near Pontypool by Sir Percy Thomas.

INDUSTRY

the outhouse, shown in this rear view, it is a well-detailed workmanlike job. In the other house on the same page, a bungalow at Purley, Messrs. R. G. R. Haggard and L. W. Cook have shown what can be done for a private client with the present-day limitations of cost. It is of concrete with a copper roof, and has an informal, well-organized plan and an impressive amount of real architectural character.

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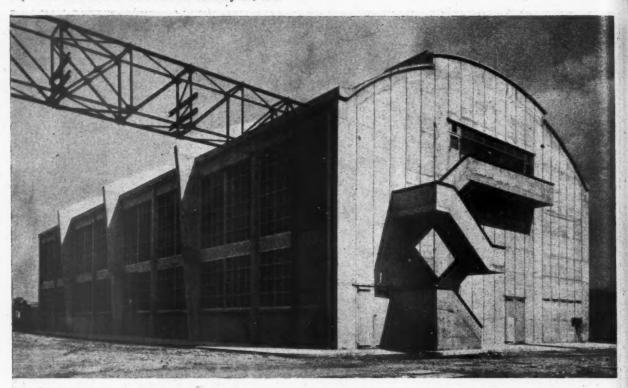
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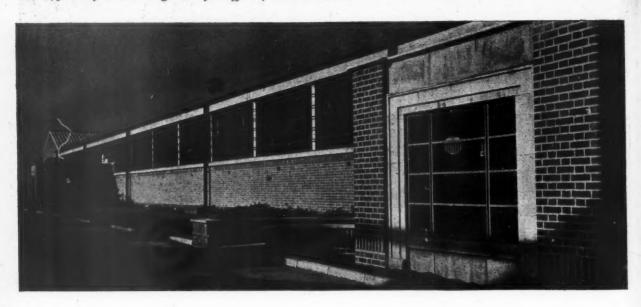
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After housing, industry and schools are the categories of building showing most activity in Britain at the moment; in fact these three are, except for special exemptions, the only categories permitted on a large scale since the restrictions on capital expenditure came into operation last year. Industrial buildings are less in the public eye than housing, and often have to make the best of unpromising surroundings, but architectural quality is, nevertheless, of vital importance. Not only is production more efficient in well-planned and well-designed factories, but a permanent high standard of product design—on which our export trade must increasingly depend—cannot be expected otherwise. goods do not come from poorly-designed factories.

The examples chosen to represent the best in recent factory design cover all types. Messrs. W. and B. J. Ellis have built an addition to a factory in a densely built-up Lancashire industrial area in which the need for uninterrupted lighting



Above, factory at Dagenham, Essex, by Edward Mills. Below, factory at Birmingham by Clifford, Tee and Gale.



sets the style of a cleanly designed façade. Sir Percy Thomas had an open, rural setting for his impressive nylon factory (previous page) which is just being completed. This is a rare example of the immense complex of buildings required by a large industrial plant being designed at one time and being treated as a single architectural composition. In his factory at Dagenham Mr. Edward Mills has made interesting use of the form of reinforced concrete construction used to produce a building that clearly expresses its character, that of an independent envelope in which manufacturing plant can be accommodated and serviced at different levels. The fins showing externally belong to transverse portal frames

between which spans a shell-concrete roof. The last example is the steel-framed production shop in a largish factory unit in which Messrs. Clifford, Tee and Gale show another treatment of the large continuous window. The relative scale of the various parts is somewhat uncertain and there are odd variations of character in the detail, but it is a straightforward building, vigorously executed.

Industry is incomplete without its administrative and distributive side, and on the facing page are an impressive new factory office-building for a steel firm near Darlington by Sir John Burnet, Tait and Partners and a row of unusually neatly designed shops in North Shields by Mr. J. G. Rider.



Above, office building at Darlington for Whessoe Ltd. by Sir John Burnet, Tait and Partners.

#### INDUSTRY

Shops serving a housing estate at Moor Park, North Shields, by J. G. Rider, architect to the Surveyors' Department, County Borough of Tynemouth.



The office building, which accommodates 250 people, has the urbanity of style and the accomplished use of large brick masses that we are accustomed to from these architects. It has an unusually monumental character for an industrial building. This is derived chiefly from the deeply pierced windows, but these are logical enough in a building with structural walls of solid weight-bearing brick. The shops are by the architect to the Surveyor's Department of the County Borough of Tynemouth and were built to serve some new council housing that had no shopping area within reach. They are appropriately domestic in scale, and in their modest, unpretentious way show a commendable attention to archi-

tectural good manners on the part of a public authority.

From shops it is but a short step to showrooms and travel offices and the like, and for some reason the past year has seen travel offices spring up in great numbers, especially in London. Several more are still being built, but of those already finished three are illustrated on the next page, all well laid-out and displaying ingenuity, gaiety and style in their treatment of wall surfaces and fittings of a kind appropriate to this type of architecture, which combines the character of a public office with that of a window display. Each example, whether by accident or design, seems in addition to echo the design character of the travel service to which it is the gate-

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nd distrisive new ngton by nusually G. Rider.







Above, left, entrance to Kensington Air Station, British European Airways, by A. F. Watson; right passenger office for Cunard-White Star Line, Regent Street, London, by Willink and Dod.

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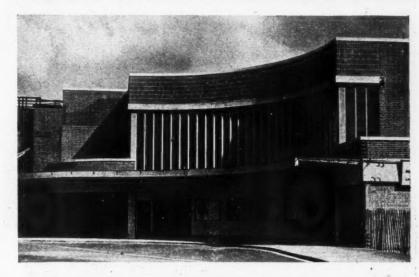
Right, Danish Travel Bureau, Piccadilly, by Kay Korbing.

way. Mr. A. F. Watson's BEA Station in Kensington High Street has the spare, light-weight character, the strictly geometrical motifs and the refinement of finish of the aeroplane itself-used in this exterior perhaps in almost too attenuated a form. Messrs. Willink and Dod's Cunard-White Star offices are altogether more rich and florid, combining sleek modern streamlining with decorative art motifs very much after the fashion of the great luxury liners themselves. Finally, Mr. Korbing's Danish travel bureau (though the general effect of the interior is somewhat confusing) draws attention to the things Denmark does so well: refined design in all details, good materials discretely used and, above all, beautifully made furniture that is modern and traditional at the same time.

From the promotion of travel we come to travel itself. British railways are in the melting-pot and before long will be due for a complete architectural overhaul. They will do well if they then achieve anything like the quality-either in the shape of expressiveness in engineering works, charm of character in smaller buildings or vigour of detail-that their first designers gave them a hundred years ago. The worth of Britain's railway architecture is not well enough appreciated because of its present grimy condition and the seediness of its surroundings. A new building programme will, Platform buildings at Marsh Lane Station, by the Architects' Department, London Midland Region, British Railways.



Perivale Station on the Central London tube, by Brian Lewis, late architect to the Great Western Railway.



Below, lounge of R.M.S. Orcades, by Brian O'Rorke.

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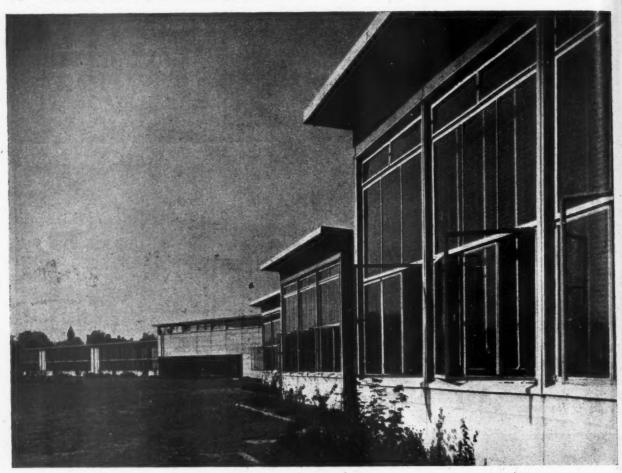
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of course, have to be based on the most modern technical means, and the special virtue of the research and experiments that have recently been conducted in the LMS Architects' Department under the leadership of Dr. J. L. Martin is that they analyze problems and investigate solutions from the beginning, with no preconceived notions Now, unfortunately, these researches have been brought to an end and British Railways' loss is the London County Council's gain. The station at Marsh Lane, of which the island platform block is illustrated above, is the first to be built on an experimental unit-construction system. It points the way to the rationalization of a big building programme by designing in

terms of basic units that can be produced industrially, and this is its importance. The structure itself has the freshness of anything based on a frank return to first principles and is simple and light, but the whole effect, perhaps due to austerity materials, is somewhat thin and cold, and the wall-surfaces of enamelled cast-iron panels, though excellent for cleaning, are a little unresponsive.

The designer of an Underground station has an easier task, as he has an established modern tradition to fall in with, one that has almost become a London vernacular, and Mr. Brian Lewis, in his Perivale station entrance on the Central Line extension, has designed an effective variation on the London



Above, Junior Mixed and Infant School at Cheshunt, Hertfordshire, by C. H. Aslin, County Architect.

Right, school at Carden, Brighton, by D. J. Howe, Borough Engineer Surveyor, and Billington, Borough School Architect.

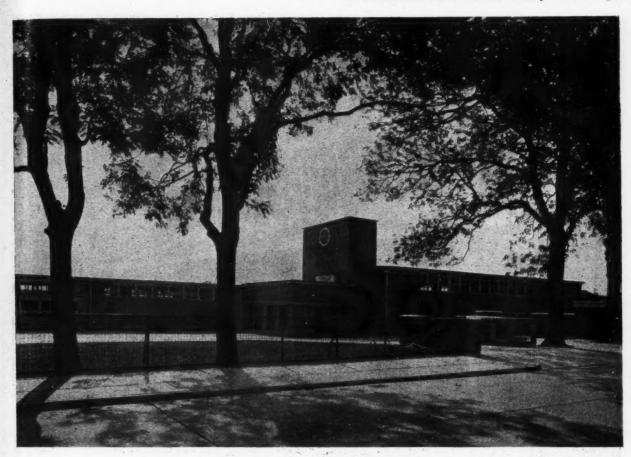


Transport brick and concrete theme initiated by Dr. Holden. The strongly marked vertical mullions in the large window that lights the booking hall now look a little overpowering, but may not do so when the canopy-front is finished.

Liners, like super-cinemas, are apt to be overloaded with stylized decoration to make sure patrons feel they are getting their money's worth. The Orient Line, with Mr. O'Rorke's help, have long established themselves as pioneers in making ship interiors more ship-shape, and his latest and biggest, the Orcades, is in his best vein. A special feature of it is the use that has been made of wall paintings by several of the leading contemporary painters. The photograph shows the



lounge, with a painting by Edward Bawden on the far wall. Schools have already been mentioned as a class of building in which work is being actively pressed forward in spite of financial restrictions. Many schools are being designed for education authorities by private architects, but Hertfordshire has shown what liveliness and initiative a well-organized County Architects' Department can bring to school design. Hertfordshire, under Mr. Aslin, got off to a speedy start with its post-war school-building programme, which was planned as a whole from the point of view of ordering materials in bulk and devising a structural system on which a flexible series of plans could be based. The architectural result is



Above, Bourne Secondary Modern School at Ruislip, Middlesex, by H. V. Lobb.

Right, extension to Leyland Primary Council School, Lancashire, in the form of prefabricated aluminium classroom units designed by Richard Sheppard; architect in charge, G. Noel Hill, County Architect.

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illustrated in the school at Cheshunt on the facing page. It is the first of a unified programme of eleven schools all on the same one-storey loosely-articulated plan. It is an airy building of an elegant freshness, and if some of the detail looks a little makeshift, this is due to the necessity of using certain substitute materials at the last moment. A special virtue of the interior is the gay use of clear primary colours. The school at Brighton is also from a public office, that of the Borough School Architect. Mr. Billington's layout is more formal than Mr. Aslin's and his whole architectural treatment a little stiffer, but his building has the same refreshing quality of lightness and absence of fuss and the

same reliance on rhythm and proportion.

Mr. Lobb's schools are more stylized, but in their own fashion more mature. The detail is very thoroughly worked out, and careful thought has clearly been given to the massing on which this rather heavy style—owing something, perhaps, to pre-war Dutch work—depends. In his two important post-war schools Mr. Lobb has shown that the private architect as well as the public one can set a standard by the serious study he gives to a specialized planning problem. The final school illustration looks further into the future. It shows Mr. Richard Sheppard's standard aluminium school. Produced by the Bristol Aero Company, which made the



Above, petroleum stand, Royal Agricultural Show, York, by Design Research Unit; architect, Brian Peake; consultant, Misha Black.

Right, Exhibition train, by Arthur Braven; consulting architect, Derek Bridgwater.

#### EXHIBITIONS

aluminium house, it is an important contribution to the industrial mass-production of architectural components, and is here shown in the form of a rapidly erected extension to a Lancashire primary school. It has all the sharpness and precision of the frankly machine-made article.

One category of design remains in which architects have been very active, since the war put a stop to permanent building: exhibitions, which some architects have taken to for lack of other work and which some think are allowed access to too much scarce material and labour. Nevertheless, the design of exhibitions and commercial displays provides a valuable creative outlet and a testing-ground for new ideas. It is a



province in which the British standard is high, and the only one in which officially sponsored design undoubtedly sets the pace. That this is so is largely due to the pioneer work of Misha Black and the example he set when he led the Ministry of Information team of designers during the war. The first example of 1948 exhibition architecture chosen for illustration is by his firm, Design Research Unit. It is a stand at the Royal Show at York, and has all the gaiety, sophistication and ingenuity in display with which Misha Black and his colleagues have made a practice of enlivening many parts of our drab post-war world, from Charing Cross Underground to Enterprise Scotland. Also



Above, stand at the Motor Show, Olympia, by Stefan Buzas.



Above, travelling exhibition for MOW, by Ronald Avery.



"Design at Work" exhibition, Burlington House, London, by Milner Gray of the Design Research Unit.

illustrated is an example of an ambitious form of exhibition ingeniously worked out, in the shape of the Allied Ironfounders' train. On this page is a good example (typical of many) of the lively and ingenious trade stands that come and go at Olympia and Earl's Court. Alongside it is a travelling exhibition designed by Ronald Avery for the Ministry of Works for circulation among building schools and local authorities. Finally, there is the Design at Work Exhibition at Burlington House, in which the industrial designer states his

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tice of I, from Also claim to be an essential cog in the industrial machine. It is thought by some to be over-designed—to confuse the story the display is meant to tell by letting the display become an end in itself—but it is full of stimulating ideas put across by visual means, and it may well be that the more the public has to look at and criticize in the way of well-thought-out design the better for design standards in the long run. Architects will no doubt agree that architecture likewise needs more building as the first step towards better building.

### ROUND THE TABLE: ROUND THE WORLD



The discussion lunch in progress. Left to right, round the table: Hugh Casson, R. Fitzmaurice, F. R. Yerbury, G. Grey Wornum, J. M. Richards, Anthony Chitty-

Building difficulties in post-war Britain have given added interest to developments abroad, both because architects are able to see in some more fortunate countries a greater variety of work than their restricted practices allow at home, and because other countries are suffering from the same shortages and frustrations and it is interesting to see how they are overcoming them. Unfortunately this interest in foreign architects' efforts coincides with restrictions on foreign travel. Architects must largely rely therefore on the journals to bring them news from abroad. On the following pages a survey of points of interest in the present state of architecture in various parts of Europe and America is given by a group of architects who have had the good fortune to travel widely during the past year or so. The survey takes the form of a discussion over the lunch-table. As with the discussions on controversial building topics published in the JOURNAL in the summer, the chair at this luncheon was taken by F. R. Yerbury, who has himself recently visited Holland, Sweden and Denmark. The others taking part—with the countries they have lately visited given in brackets—are Hugh Casson (Italy, Sweden and Denmark), Anthony Chitty (Italy, Turkey and the Balkans), R. Fitzmaurice, of the Ministry of Works (Switzerland and Holland), Percy Marshall (South American countries), J. M. Richards (Poland, Switzerland and Holland), Leo de Syllas (France and Germany) and G. Grey Wornum (the U.S.A. and Czechoslovakia).

Yerbury: We have a gathering here of people who were lucky enough to do a lot of travelling in the year that has just finished. Between us we must have visited most parts of the world, and I am hoping we can get out of this discussion some sort of picture of how other countries are doing architecturally compared with our own. Some of the countries we have been to are pretty remote in every sense; others are countries that our architects have always got their eye on—for example the Scandinavian countries. I believe Casson has just come back from a first visit to Sweden.

Richards: You came to the Town Hall in Stockholm absolutely fresh, never having seen it before? That must have been a remarkable experience. It is a building we were all brought up with. Can you give us in two words your opinion of it?

Casson: Not in two words, I'm afraid! But I agree, it's always an exciting experience to see a famous monument for the first time and check up on what you've heard or read about it. Nobody tells you at school that Athens is dominated not by the Parthenon but by the chapel on Lykkabettos, or that Brunelleschi's dome in Florence is overlooked by cooling towers and gasometers, or that, in summer anyway, the Tiber in Rome is a miserable muddy trickle. What was so nice and

reassuring about Stockholm Town Hall was that it was exactly as I had pictured it, and I was as impressed as I had always hoped to be. I don't think I've ever seen a build-ing which bore so strongly the imprint of its designer's personality. It was visible in the whole texture of it.

Wornum: I saw it being built at Christmas, 1920, and have seen it several times since. It conveyed to · Wornum: me a great man's tour through Europe; you find in the building the reminiscences of that tour. The architect could not get out of his system the ivy-clad walls of Oxford. Now the creeper he planted in the big courtyard obliterates it a good deal.

Yerbury: Everyone asked Ostberg why he wanted to hide the wonderful brickwork, and he always answered: "Ivy" (actually it's virginia creeper) " is so pretty."

Richards: The use of plants and creepers in modern buildings is one of the things we are still learning from Scandinavia; we may be getting tired of some of the fashions imported from there, but not of this one.

Casson: In Scandinavia, creepers seem to be used more inside than outside. Every window is so strung with ivy you can hardly see out of it.

Wornum. Didn't the idea of indoor plants originate from Vienna?

It is an Austrian custom Fitzmaurice: and to bring it in through the front door and upstairs along the corridors.

Yerbury: The Scandinavians have beaten Vienna at that. They start with the plants indoors and not out-ofdoors.

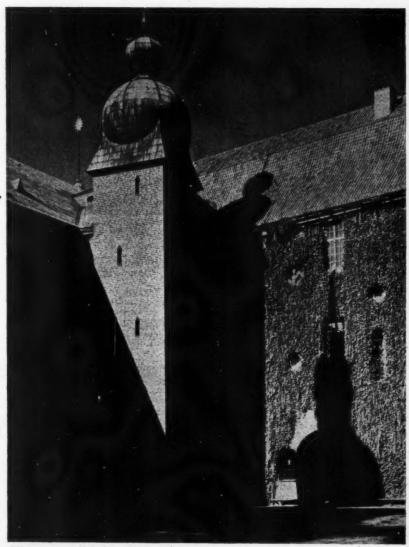
Casson: This Viennese influence seems to permeate Scandinavia, especially in furniture and the applied arts. I believe Josef Franck now the state of the second seems of the seems of the second second seems of the second seems of the second second seems of the second second seems of the second second second second seems of the second se I believe Josef Franck now runs the great industrial art centre Svenska Jenn, and I've heard that Hofmann now lives in Stockholm as well as other South German and Viennese designers.

And now the Scandinavian Richards: influence in turn has spread to America. Didn't you find, Wornum, that American architects now tend to look a good deal to Scandinavia.

Wornum: Well, with Carl Milles there, you would there would be a great influence on sculpture, but surprisingly there doesn't seem to be. In architecture, Saarinen has a great influence just now—of course, he is Finnish actually, but I suppose his influence counts, as Scandinavira, in a way. counts as Scandinavian in a way.

Yerbury: And there are so many architects who have gone architects who have gone to America in recent years from Germany, from Vienna and so on—Mies van der Rohe, Walter Gropius, Marcel Breuer—Richard Neutra of course went earlier. And Aalto from Finland spends a lot of his time there. Are these people having a real influence, or are they swamped by the others? I see Gropius is to do the new buildings at Harvard, and Aalto is doing those at the Massachusetts Institute.

Wornum: I think they are having a tremendous influence, but of course there is also the older American formula—which is a heritage from McKim, Mead and White, and others of the same kind. That stuff they can still do very well, but they haven't progressed at all with it. In fact it isn't a style than can be developed much further; the new influences are



Wornum: "Now the creeper he planted in the big courtyard obliterates it a good deal." Stockholm Town Hall by Ostberg.



"In Scandinavia Casson: . . . every window is so strung with ivy you can hardly see out of it."



Richards: "And now the Scandinavian influence, in turn, has spread to America." Plants grown as decoration indoors in an apartment by F. Bolonha at Rio de Janeiro.

Casson. Chitty.

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Yerbury: "There are so many architects who have gone to America in recent years... Aalto from Finland spends a lot of his time there." Model of Aalto's dormitory building at the Massachusetts Institute of Technology, now under construction.

entirely derived from the émigrés of the last few years.

Casson: There is still a snob value in having a foreign architect, I suppose.

Marshall: There isn't in South. America. The Argentine makes an interesting contrast. There you are not allowed to practise if you are a foreigner, until you have passed the local examination. They found they were being flooded with foreign architects, and most foreigners have to go into partnership with people already established there.

Wornum: I was very disappointed last March seeing New York from the air for the first time. It looked so drab and dirty, yet the weather was not bad. I had had a wonderful impression coming up by water, with the clouds breaking along the front, but from the air it seemed extraordinarily unimpressive.

Fitzmaurice: You don't get a skyline from the air, of
course. But on a closer view didn't you
find the Swiss influence strong in America,
too? I was in Switzerland last year, and
I have a great respect for the people of the
Zurich school. I find it very interesting
because I feel that the combination of
architect and engineer is almost ideal in
Zurich. You get the æsthetic expression
and structural technique combined in a way
you will not find anywhere else in Europe.
Perhaps America is learning something
from this.

Yerbury. I haven't been to Switzerland myself since the war, but I was looking recently at some photographs of new Swiss work. Someone vibowas suspicious of these photographs asked me if the buildings really looked as clean as all that, and if they would stand up to wear. There was a famous Frenchman who used to say: "Always build in white, because it photographs better."

Richards: Switzerland is so highly electrified and has no smoky atmosphere, so I suppose the question of buildings staying clean doesn't arise in quite the way it does here.

Fitzmaurice: I think in Zurich and Geneva you find splendid buildings, which have settled in very well and look very good.

Yerbury: You spoke of the Zurich school, Fitzmaurice. Take the case of a young architect who is look-

ing for the ideal training, judging by the results it gives, would you say that Zurich would be a pretty good answer?

Fitzmaurice: Yes.

Richards: They've had the tradition of the engineer-architect there, and have never broken away from it entirely.

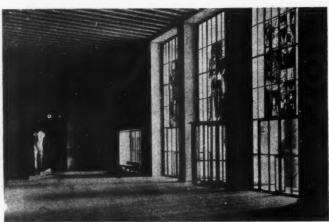
Wornum: Your young architect would learn an acquired style there, but he would have to search deeper for the solution of problems.

Fitzmaurice: I don't think they stylize too much in Switzerland. And I don't think the Swiss work dates, either. The finest modern building I have ever seen is the new Museum and Art Gallery at Basel. Now Basel is not a very large town by Northern European standards, but architecture is so highly regarded in Switzerland that you have there a building which to me is profoundly satisfactory. Speaking as an engineer, I would say satisfactory in every way. It has stark simplicity and good lines, and its construction is superb.

Casson: It has good finish too.

Chitty: Don't you think that although it may be true that buildings do not date in Switzerland, the size of the population must have an enormous effect on the actual character of the architecture? A very small population like that of Sweden or Switzerland tends to be influenced highly by a few people, whereas in this country the opposite is true.





Fitzmaurice: "The finest modern building I have ever seen is the new Museum and Art Gallery at Basel... speaking as an engineer, I would say satisfactory in every way." The outside and inside of the building, which was designed by R. Christ and P. Bonatz.

Casson: That's certainly so in Denmark and Sweden. Most of the work done there is being done by only about three or four first-rate architects, and one is inclined to judge the whole architectural output of the country by the work of these men.

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Fitzmaurice: This influence by a few people has come about in rather a curious way in Switzerland. Before the war when there was a great deal of political instability, I was told that investors from surrounding countries—Austria, Italy and so on—brought a great deal of money into Switzerland, and much of it was invested in building. Switzerland, in fact, had a building boom, such as probably never happened anywhere else, as a result of the spending of this refugee money.

Richards: You mean they were not tied to utility standards at the time when they were developing fastest technically?

Chitty: The more you think about it, the less you can compare the architecture of Switzerland with that of America. Switzerland, in many ways one of the most conservative countries in Europe, is tied very closely to its traditional timber forms, especially in the provincial districts. Last summer near Grundelwald I saw a new bakery with gleaming up-to-date electric ovens, but all housed in a new timber chalet which might have been built 200 years ago, so conventional was its appearance and construction. New York (which is at least a big element in American architecture) does not seem to me to be influenced at all by the kind of foreign import you mentioned.

Fitzmaurice: That wasn't an import of personnel, but an import of money. The Swiss, asthetically, are very impervious to foreign influence, and develop on their own lines.

Chitty: Nevertheless, in New York you find a wholly American architecture whose essence is technical and structural ideas, not aesthetic ideas.

De Syllas: Yes, and if you discount their very high standard of finish, the Swiss have not, in fact, made many important contributions, in the pioneering sense, to architectural design or construction. Their town planning, with which a great deal of their housing work is closely linked, is quite the opposite. In this I agree with Chitty.

Wornum: You must not overlook some very fine steel and concrete construction.

De Syllas: I still maintain that Switzerland has got away with it by having superb technique and finish—not by fundamental contributions to design. And in town-planning theory the Swiss are far behind many European countries. Their housing lay-outs show this best—and their whole density system, which is quite unrealistic when you consider the size of the country and the area that can be built on in relation to the population.

Richards: That is exactly the reverse of what I found this summer in Poland. There they have extraordinarily go-ahead ideas in town-planning, but the architectural standard is a bit disappointing. Not so much technically, because rather rough and ready methods are unavoidable with their very limited resources, but on the design side, which is inhibited by an enthusiasm for rebuilding what was there before—largely, I suppose, for prestige reasons.



De Syllas: "Their very high standard of finish." The Allenmoos Baths at Zurich, by Haefeli and Moser, typical of the sort of architecture the Swiss detail so well.

Yerbury: You were in Warsaw, weren't you? What has happened there? Is the whole city wiped out? I remember seeing before the war some very good workmen's flats and in the centre of the town, I remember a big square with the most lovely 17th century

houses, with great entrance doors and beautiful ironwork and sculpture on the doorheads and so on.

Richards: That is all gone now. In effect, the city at the time of its liberation in 1945 was one big ruin,



Yerbury: "I remember a big square with the most lovely 17th century houses." The square in the centre of the Old Town at Warsaw, as it was before the war. See overleaf.



Richards: "That is all gone now." The ruins of the square in the centre of the Old Town at Warsaw. See previous page.

though some of the modern flats you speak of in the northern suburbs are relatively undamaged. I think they were used by the German army during the occupation. The great square in the Old Town is an utter ruin.

Yerbury: I seem to remember the Poles issuing some remarkable regulations not long ago governing the use of standards in building. It was an offence to use anything but a standard article or to manufacture an article which was not standard. Are all the architects in prison or are they still enjoying themselves?

Wornum: Do you mean you couldn't even have a window made to size for you?

Yerbury: Apparently not. There was to be no such thing as a "purpose-made" article, as we call it. It all sounded very efficient, but I wondered whether it was being applied in practice.

Richards: I heard of nothing like that. And so much has to be improvised on the site with very few mechanical resources that I do not think that kind of theoretical regulation could possibly be applied in practice. Even in the newest housing the material is mostly concrete slabs made on the site by very simple means, with aggregate collected from the rubble of bombed buildings.



Richards: "... modern design in some of the new residential neighbourhoods." Housing under construction at Warsaw.

Yerbury: They haven't produced what one might call a "Polish style" yet. In the international exhibitions before the war, the Polish pavilion was always one of the most charming, and very distinctive.

Casson: And somehow very national at the same time. It could never have been anything but Polish.

Richards: There isn't much opportunity for charm, when the physical task of clearing the rubble and getting construction of some kind going again is so immense. They have to concentrate on the basic problem of the supply of material and labour—in fact, on getting the job done. Design varies greatly, according to the architect. I said earlier that there was a lot of rather unenterprising

rebuilding of what was there before, but there is also some first-rate modern design in some of the new residential neighbourhoods on the outskirts. And they are clearly still capable of the sophisticated, highly finished work that we remember from Paris, 1937, when they do get the chance. For example, I saw a magnificent exhibition at Wroclaw, a kind of prestige exhibition to show what was being done and what plans were being made for the territories they have acquired from Germany, and it was the best piece of exhibition display that I have ever seen—both from the point of view of ideas and execution. It had none of that rather heavy-handed symbolic-heraldic style one associates with Russian publicity displays. The style was much more sophisticated and completely western in conception.

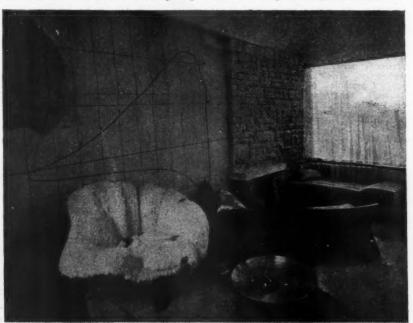
Chitty: It always struck me, from exhibitions and from books, that in Poland the baroque was one feature which stood out more powerfully than anything else. Does it have any great effect on what is being done now, or have the Poles dissociated their present from their past, as the Turks have?

Richards: Not much, but that again is a question of resources. Poland is a country with so much in the melting pot; there are people on the one hand who value nothing but the old tradition, and people on the other who think a fresh start should be fresh in every way. So far the problem has not been resolved.

Wornum: I think the Polish baroque is still alive in trivial things, like their paper sculpture.

Richards: Yes, that's a very good example. What did you mean, Chitty, when you asked whether Poland had had the same experience as Turkey?

Chitty: Well, Turkey has had the tragic experience, in the last twenty years, of having thrown away its artistic past along with its political past. Ataturk taught the modern Turk that he must look only forward, never back. He



Yerbury: "In the international exhibitions before the war, the Polish pavilion was always one of the most charming." Inside the Polish pavilion at the Paris Exhibition, 1937.



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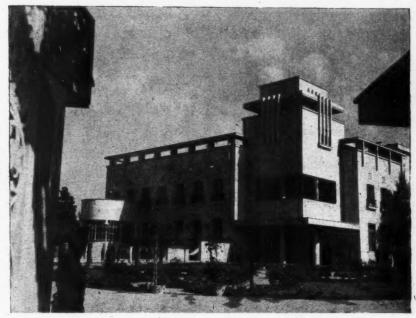
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Chitty: "It always struck me ... that in Poland the baroque was one feature which stood out more powerfully than anything else." The now ruined baroque Alexander Church in Warsaw.

has taken this so much to heart that in reviling the Sultanate he neglects the glories of the Sultan's palace; in condemning Mahommedanism he lets the byzantine mosaics fall to ruin. In Karieh Djami, mosaics dropped on my head. In the palace of the Sultans the seventeenth century embroideries fall to pieces from damp, and tulip-period paintings flake away. Crafsmanship in marble, stone and wood has died out and even carpets no longer keep up the old tradition.

Richards: They don't value these things, I suppose, because they are part of a past they want to live down. The same thing happened in Persia



Richards: "... meaningless echoes of modern architectural fashions." The new Shah's palace at Teheran.

when they suddenly tried to westernize everything for prestige reasons. I remember seeing some quite meaningless echoes of western architectural fashions. Are there any new buildings at all in Turkey that are beginning to show quality, do you think?

Chitty: Yes, but there are only some 200 architects in the country, and most of these work for contractors; they are not professional men in our sense.

Wornum: Isn't Hofmeister there?

Chitty: Yes, but his work again is a foreign influence that has not taken root. Indeed, it is resented by the younger generation.

Richards: What about the new university in Istanbul? Isn't that in its way remarkable?

Chitty: Yes. It was by far the best-building I saw. Its architect, Sedad Eldin, is outstanding in Turkey. He is Turkey-trained, but he has wide experience of architecture in other countries as well. I saw a good deal of him and was most struck with his designs. He is, I think, the first to bring forth an æsthetic which links western modernism to Old Turkey, and the result is striking and powerful and something to be watched. One of the troubles in Turkey is that since Ataturk's death, things have slipped back. The revolution was too quick. The women, for instance, are taking the veil again. Santa Sofia is a tragedy of its own. It has become an archæological laboratory. When I was there, I found the buildings full of Americans, hacking off mosaics and digging holes in the floor to see what was underneath. You could scarcely get inside for scaffolding. Before the war, the Germans ran Turkey, archæologically speaking, but now all is neglect, and mosques are pillaged for building stone.

Casson: German influence was found all over Europe, surely. Wherever you go it seems to have been paramount.

Yerbury: Weren't there really three schools in Germany? The Hamburg school, the Berlin school, and the Frankfurt school.

Casson: Yes, but I was thinking specially of the Frankfurt-Munich-Stuttgart school. So many of the Scandinavian architects seem to have gone there, and many Greeks, Turks and Yugoslavs, too.

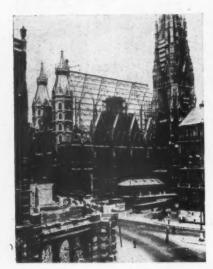


Chitty: "In Karieh Djami, mosaics dropped on my head."

Fitzmaurice: Possibly for the reason that everything worked well. From my recollections of the construction the school evolved, it was all very practical.

Well, perhaps. But surely the Casson: French were just as ingenious structurally as the Germans?

They were certainly more inventive. Richards:



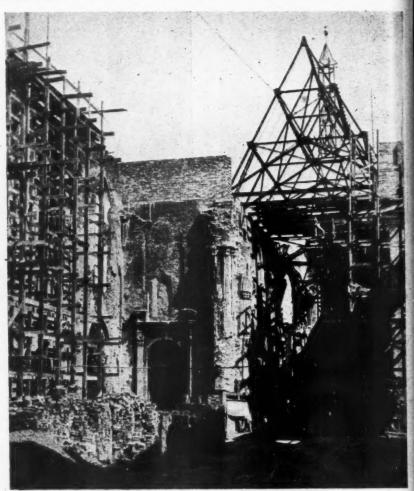
De Syllas: "Things which we could not possibly afford to do in this country." The half-com-pleted restoration of St. Stephen's cathedral, Vienna.

Fitzmaurice: Definitely more inventive and ingenious and far more quick to adopt a new technique. None the less, if you look at the details and use of materials by the Germans, you must admit that it all worked, and worked extremely well extremely well.

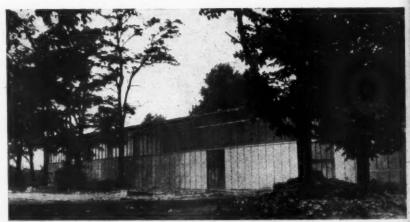
De Syllas: That is certainly my impression. I had only visited Germany twice before the war, so did not know it very well. I went there this summer, and I was amazed to find how much modern architecture there was of the much modern architecture there was of the post-Bauhaus period—not what we call modern in the international sense—but architecture that made good contemporary use of brickwork—as the Dutch used to, but in a much more straightforward way—without any of the fantastic features of the Amsterdam school. I was very impressed with the standard of finish. I saw one building at Oberhausen, for instance, which was built, I think, in 1933. It had been heavily bombed, and had had no maintenance. It was almost a ruin, yet in odd corners you still saw that the finish had stood up to all that wear.

Richards: Did you find new work being done in Germany, following the same tradition?

My experience was limited De Syllas: to rather a small area, but my strongest impression was of the extra-ordinary competence with which the great cathedrals were being rebuilt. It is purely archæological work, but it impressed me very much. In Cologne, some of the most prominent German artists were doing original work replacing various parts of the building like the bronze doors, which had been irretrievably damaged. As far are the cathedrals and great monuments are.



Richards: "In Warsaw, too, in spite of the housing shortage, they are working hard at rebuilding the ruined cathedral.



Yerbury: "... the limitation of materials they can get." exhibition hall at Frankfurt of concrete slabs made from debris.

concerned, they are doing things which we could not possibly afford to do in this country. And I believe the same thing is going on in Vienna, too.

Casson: Keynes used to say you can always afford to do what you really want to do. The thing is that we don't want to bother with cathedral doors or so our Government thinks, rightly or wrongly-and the Germans do.

Yerbury: Might it not be that they feel the task of rebuilding their cities so hopeless that they prefer to get along with a few isolated bits of reconstruction?

I believe they need to build fifteen houses a Fitzmaurice: minute for ten years in order to satisfy their needs.

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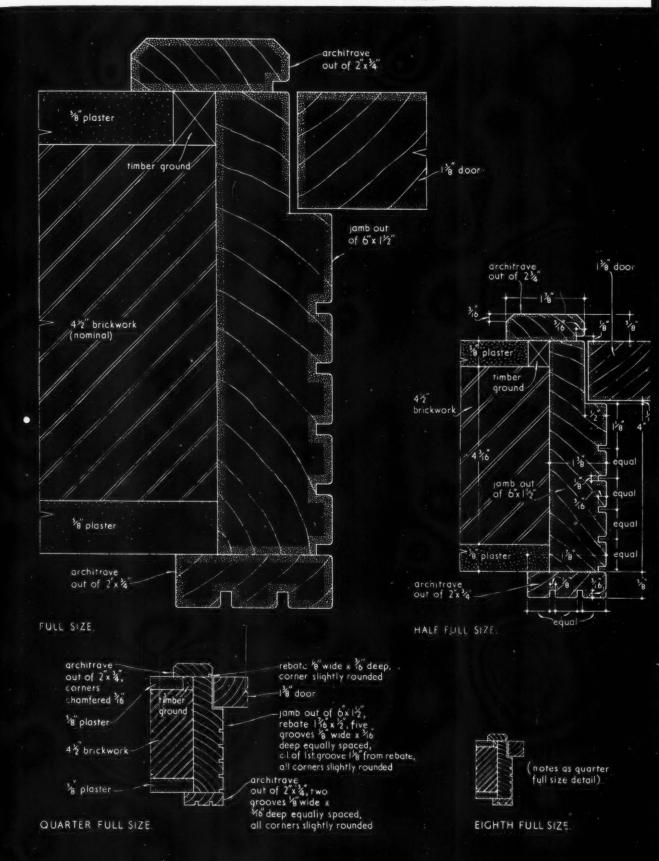
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FULL SIZE, HALF FULL SIZE. QUARTER FULL SIZE AND EIGHTH FULL SIZE WORKING DRAWINGS. Compiled for Eagle Pencil Company—Chemi-Sealed Turquoise pencils.

# 1.B22 ORTHOGRAPHIC PROJECTION: FULL SIZE, HALF FULL SIZE, QUARTER FULL SIZE AND EIGHTH FULL SIZE

This Sheet is one of a group recommending suitable standards for office working drawings to various scales and deals with full size, half full size, quarter full size and eighth full size. Other Sheets deal with  $\frac{1}{8}$  in. scale,  $\frac{1}{4}$  in.,  $\frac{1}{2}$  in., etc.

One purpose of this group of Sheets is to assist the practising architect in standardizing work in his drawing office: another is to suggest to the student a reasonable standard of presentation for practical working drawings.

The purpose of relatively large scale drawings is two-fold: to communicate accurate instructions to the contractor and to enable the architect adequately to investigate detailing problems visually.

It may be argued that the ideal way to instruct the contractor is by means of figured dimensions and in many respects this is the case but other kinds of information, e.g., the positions of elements, require visual explanation.

This Sheet enables a comparison to be made of the large scales most generally used in building construction.

### Working Drawings Generally

All working drawings should be prepared as a complement to, and evolved closely with, the specification. Duplication of information should not be adopted except where special emphasis of a confusing detail is necessary.

Large scale drawings: In preparing the drawings on the face of this Sheet dotting has been used to indicate sections. This, in practice, would usually be done with a coloured pencil. Draughtsmanship clearances should never be allowed, any space between two lines being used to indicate an actual space required.

#### Full Size

Wherever a complicated profile has to be worked to this scale should be used, but where curves, or special shapes may be conveniently dimensioned (by radii, etc.) a smaller scale will usually satisfactorily explain the construction.

#### Half Full Size

This scale is less useful than the others discussed since it does not give a full sized profile and dimensioned data can usually be equally well given to eighth full size or quarter full size.

### Quarter Full Size and Eighth Full Size

Drawings to these scales dimensioned where necessary are usually sufficiently large to give a clear indication of almost all constructional details in building.

An advantage of eighth fu'll size is its usefulness to the workman with a foot rule since to this scale  $\frac{1}{8}$  in. (a clearly obtained dimension on a foot rule) is equal to 1 in.

#### **B.S.** Drawing Office Practice

These drawings have been prepared bearing in mind the recommendations of B.S. 1192: 1944, Architectural and Building Drawing Office Practice. Their recommendations have not, however, been accepted without reserve; in particular the method of dimensioning with the numbers outside the dimension line has not been adopted.

This Series of Sheets covers geometrical drawing, orthographic, isometric and axonometric projections, perspective, rendering, lettering and draughtsmanship generally.

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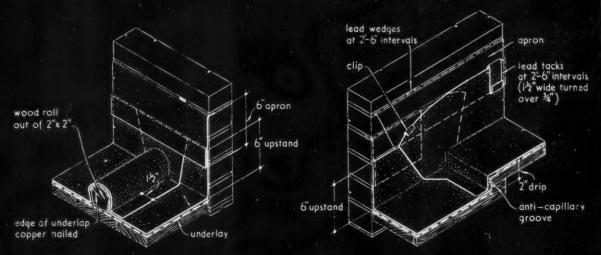
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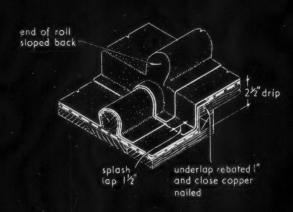
## LEAD AND ALLOYS APPLICATIONS

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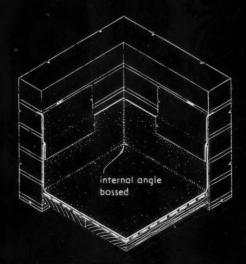


WOOD ROLL WITH ABUTMENT TO WALL.

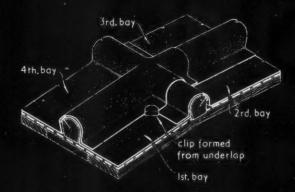




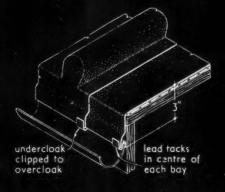
NORMAL DRIP SHOWING ROLL TREATMENT.



BOSSED INTERNAL ANGLE.



INTERSECTION OF ROLLS WITH RIDGE (lead is laid in order given)



FINISH AT EAVES.

## SHEET LEAD COVERINGS FOR FLAT ROOFS.

Compiled from information supplied by The Lead Industries Development Council.

### 10.G11 SHEET LEAD COVERINGS FOR FLAT ROOFS

This Sheet sets out the main details of sheet lead coverings for flat roofs (roofs of pitch below 15°). The methods outlined apply to roofs of any size. Where the overall size of canopies or hoods is greater than can be properly covered in one piece the jointing methods shown are used. For coverings to narrow projections such as cornices see Sheet 10.G10. Traditionally, sheet lead is laid on a base of t. and g. boarding but the same principles can be employed for laying on a screed-coat over concrete.

### Construction Generally

Roof boarding: This should be well seasoned and as far as possible rift sawn to minimise warping. The boards should preferably be laid to run diagonally across the roof, or, if this is not possible, with their grain running in the direction of the fall of the roof. Nail heads should be driven below the surface, sharp corners trimmed off and high places planed down. Felt or building paper: Bitumen impregnated sarking felt or stout waterproof building paper should be laid over the boarding to minimise surface irregularities and also to assist in allowing free movement of the lead. The felt should be laid across the fall of the roof, all joints being butted under the rolls.

It is important that bitumen impregnated felt, used as an underlay, should have a surface coating not likely to soften and cause adhesion between the lead and the base upon which it is laid, as this will restrict movement of the lead.

#### Expansion

Expansion and contraction of the lead is reduced by laying pieces of an area not greater than 24 sq. ft. and length not greater than 10 ft. Joints and fixings are designed to retain the lead in position but also to allow for natural movement.

### Sizes of Lead Bays

Under no condition should the length of any one piece of lead exceed 10 ft., therefore the maximum distance centre to centre of joints across the fall of the roof (drips) is 9 ft. With 9 ft. between drips the distance centre to centre of the fall joints (rolls) must not exceed 1 ft. 8 in.

A common distance between drips is 7 ft. as this permits the sheet lead to be cut economically from a standard 8 ft. wide sheet of lead. In this case the distance between rolls (centre to centre) is 2 ft. 3 in. maximum.

#### Falls

A distinct fall should be allowed between drips. This is usually made 1½ in. in 10 ft.

### **Joints**

Joints in lead flats running with the fall of the roof are formed with wood cored rolls. The hollow roll method is more generally applied to pitched roofs. Joints across the fall of the roof are formed by drips (lapped joints are used with pitched roofs). Shallow drips should have an anti-capillary groove. These joints and the main construction details met with are shown on the face of this Sheet.

#### Junction of Lead and Parapet Wall

The top two details show the treatment where rolls and drips meet a wall.

An upstand of 4 in. to 6 in. is provided, the free edge being covered with a 6-in. apron flashing. The top edge of the apron flashing is turned into a rakedout joint of the brickwork and lead wedged every 2 ft. 6 in. Lead tacks are fitted at 2 ft. 6 in. intervals, as shown, and on the edge of the apron flashing to prevent any tendency to lift in a high wind. The length of one piece of apron flashing should not exceed 7 ft. and joints in length should be lapped 3 in. minimum.

At angles, internal or external, the lead is bossed to shape as shown in the centre right-hand detail.

#### Drip

These are formed as shown in the centre left-hand detail and should be 2 in. minimum with anticapillary groove or  $2\frac{1}{2}$  in. minimum without anticapillary groove.

#### **Roll Intersections**

A typical four-way roll intersection is shown in the bottom left-hand detail. The lead to each bay is laid in the order given, the fourth sheet capping all four rolls. Three-way intersections follow the same method.

#### Finish at Eaves

The bottom right-hand detail shows a simple eaves treatment where a half-round gutter is used. The gutter is set below the edge of the roof to minimise the risk of ice and snow building up at this point.

#### Parapet Gutters

Commonly, lead flats are combined with parapet gutters. Parapet gutters are dealt with on Sheet 10.G12.

### Weight of Lead

The weight of lead for flat roofs is usually specified as follows:—For small areas, hoods, canopies, etc. on which there is likely to be little or no traffic, 4-6 lb./sq. ft. Large areas, or where trafficked, 6-7 lb./sq. ft. Apron flashings, 4-5 lb./sq. ft. Lead tacks should be cut from 6-7 lb. lead.

#### **Further Information**

The Lead Industries Development Council maintains a Technical Information Bureau which is available to answer questions and advise on technical problems dealing with this subject generally.

Compiled from information supplied by:

The Lead Industries Development Council.

Address: Eagle House, Jermyn Street, London, S.W.I.
Telephone: Whitehall 7264.



"In Holland . . . Richards: there seems to be a strong conflict at the moment between the Delft school of building . . . and the rather uncompromising international school." Above,

theatre at Rotterdam by Subterland, typical of the Delft school. Right, hotel at Hilversum by J. Duiker.

De Syllas: Instead, they are rebuild-I suspect that although our view is all against it, and in some ways it seems like madness, psychologically there is wisdom in it, in the particular circumstances of a devastated country occupied by foreign

Richards: It is the same in all the intensely devastated countries, whether occupied or not. They have to get symbols up before people can acquire the enthusiasm to make them work hard in rebuilding the material resources of the country. In Warsaw, too, in spite of the housing shortage they are working hard at rebuilding the ruined cathedral.

De Syllas: Another remarkable thing about Germany is that as a result of the financial position before the reform of currency, the countryman a result of the financial position before the reform of currency, the countryman acquired sudden wealth, as he was the only producer of food. Consequently an extraordinary amount of building has been accomplished in the country districts. We haven't seen building of such quality and quantity in the English countryside since years before the war, and it was horrifying to find that the only means at their disposal—the only technical means—was the craftsmanship of 100 and 200 years ago. The building is being done in the Southern German tradition of half-timbering, 6 by 6



De Syllas: "Schwartz . . . before the war had built one of the most functional churches in Aachen."



and 8 by 8 solid timber framing. was no trouble about getting the material, because you went into the forests and cut down the trees, if you were prepared to risk the landmines, and there was plenty of rubble from demolished fortifications.

Yerbury: Do other people get the impression that there is a tendency towards sentiment or romanticism in building? For instance what is being done in Holland now is very Dutch. There is no internationalism about it.

Richards: I saw plenty of frankly modern stuff in the big cities in Holland. There seems to be a strong conflict at the moment between the Delft school of building—little brick houses

with gables in the Dutch tradition- and the rather uncompromising international school centred in the cities. Both are proceeding simultaneously.

Yerbury: As in Germany and Poland, they are governed by the limitation of materials they can get, and Holland, of course, is a huge brick-producing country. The brick manufacturers are quite powerful as they are a very big economic factor. The result has been that the tradition is being built up again in the shape of continuing use of brick. To some extent that limks up with what you said, De Syllas, about building in half-timber in Germany.

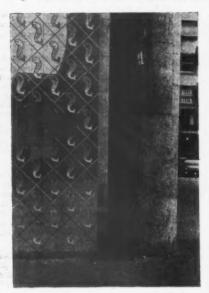
De Syllas: I think the cause is largely A man like Schwartz, who before the war had built one of the most functional churches in Aachen—it's known locally as the Select Grageries today building the Seelen Garage—is today building pseudo-mediæval churches, which are being exhibited all over Germany.

Yerbury: I gather there's some real pioneer work going on in Belgium Fitzmaurice, aren't the Belgians doing some very advanced things concrete?

Fitzmaurice: Yes, that is in Ghent. As in all these things, it comes down to personalities. There is in Ghent a Professeur Magniel, who is one of the leaders in pre-stressing. He is working on pre-stressed concrete and has vision and investigations and the high degree of brown. on pre-stressed concrete and has vision and imagination and the high degree of knowledge required. But to go back to the Dutch work, it is extremely interesting to find a great deal of modern work in brick, and extraordinarily good work, too. The Dutch tradition is there all right, in the use of



Casson: "No visible return to romanticism." Typical recent flats in Italy: A block of flats at Bologna by Persichetti and Sterbini, typical of recent Italian architecture.



Marshall: "I thought the building of the Ministry of Education in Rio one of the most wonderful modern buildings I had ever seen." Right, the facade of brise-soleil; above, a detail showing the use of azuleijo tiles.

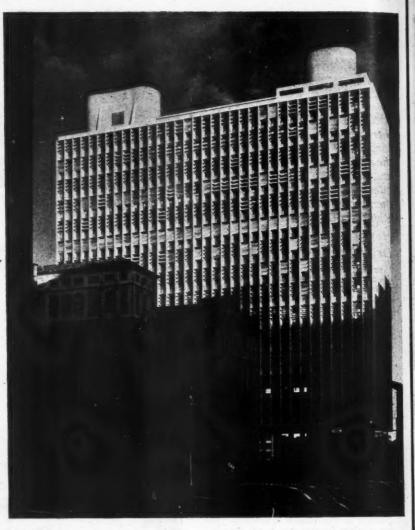
brick; but if you look at the construction, the technique behind it, it is brick with a very great difference, because time and notion study has been applied to brickwork. One feels that if brick is going to keep its place, there is a tremendous lot to be learnt from the Dutch in applying modern methods to the oldest of materials. At the same time the mass production of brick houses has produced quite remarkable results from the point of view of standards of workmanship.

Wornum: When you speak of brick with a difference, do you mean they are using brick more as a skin than structurally?

Fitzmaurice: No, I mean structurally; but with modern technique applied to the production of brickwork: to the equipment for handling the bricks, the technique of seeing that the brick-layer works at his optimum, so that you get the maximum amount of brickwork done for a given amount of effort, and so on. We could with great advantage study the methods evolved in Holland to speed up the work.

Wornum: But don't you think the tendency in brickwork nowadays is towards using it just as a skin; haven't we got beyond the structural use of brickwork?

Fitzmaurice: There is a great deal in that. Used structurally, brick, of course, may often be stronger than necessary, but it is an absolutely irreproachable material from the point of view of resistance to the weather. However, the idea of the skin is logical and sound. At the present moment we are doing experiments in which we shall be using brick as a skin and nothing else, using highly prefabricated forms of interior construction, where the enormous advantages of the brick—of irreproachable weathering and wearing—can be used to the best advantage in the outer shell.



Chitty: Surely, this tendency only applies in a few countries. In Sweden and Switzerland, and, to some extent, Holland, brick will always be used in the solid because it is a material that in the past has given patterns and texture of a kind not to be achieved in skin form.

Yerbury: Another reason for going on building in brick is the shortage of cement and steel. Cement and steel were short throughout Europe, even before the war. I was in Sweden during the war, in 1943, and they had little to build with then except brick, and brick has become very fashionable now as a modern material. They do seem to get a sort of Swedish flavour in their brick buildings, though I still think—as I thought before the war—that the only nation which has a really national architecture of its own—one which is still a modern architecture—is Holland.

Casson: I would say the same of Italy.
On my recent trip to Italy I could see no visible return to romanticism.
Do you agree with me, Chitty? There didn't seem to be any "peek-a-boo" architecture in Italy.

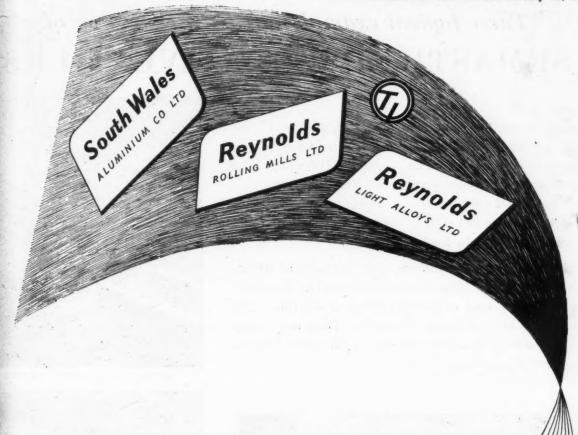
Chitty: I was in Northern Italy last winter and I think I would agree with you.

Casson: Well, I went as far down as Naples, and I saw none of that new empiricism about there either.

De Syllas: In Italy I think it has a lot to do with the southern simple modern architecture.

Marshall: In South America that is certainly the case. Rio sparkles, because it has not got any dirt, and the same is true of Montevideo and other cities. They are clean and therefore the architecture has more chance of being perceived. South America is also another place where there is a great shortage of steel—not just recently, but over a long period. They haven't had any steelworks. The modern architect has been forced into trying reinforced concrete, because he found that timber gave a great deal of trouble, owing to extensive fires. Eventually in Rio, for instance, they banned the use of timber in the centre of the city. They have been very fortunate in getting good structural engineers, particularly German engineers who emigrated during the Nazi period. I must say I was greatly impressed by the collaboration between the architect, structural engineer, painter and sculptor in South America. I thought the building of the Ministry of Education in Rio one of the most wonderful modern buildings I had ever seen, not only as an architectural solution to the office-building problem, but as a planning solution for central area

Wornum: That's by Oscar Niemeyer, isn't it? and didn't le Corbusier give it the original carcase?



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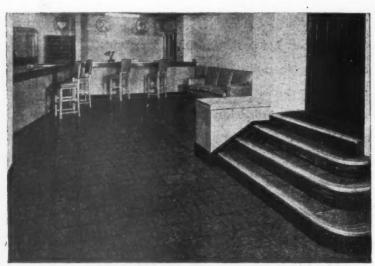
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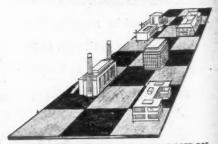


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Marshall: "Plenty of petrol-cans in the slums of Rio."

Marshall: Corbusier has obviously influenced it immensely. He ame out at an early stage as a consultant, that the final building was by a group of hazilian architects.

Yerbury: An interesting question is which influence makes itself let more in Brazil, American or European? And if it is the latter, what part of Europe does it come from?

Marshall: I would say that le Corbusier has had a very deep influence, not only, of course, in Rio, but also on the younger architects in other South American cities. Generally seaking, there have been as many influences at there were creative sources. One can see work inspired by Vienna, the various German "schools," by Paris and also by outstanding individuals, like Frank Lloyd Wright. Most important, however, is the fact that during the last 15 years South American architects have been making their own original contributions, chiefly by meeting the needs of their climate and by the care soleil (vertical and horizontal), the mileio, and the mosaic tile are well known, but several others are being used, epecially various types of pierced screen.



Marshall: "The jungle of skyscrapers in Sao Paulo struck me as being among the most confusing things I have ever seen."

Yerbury: So it's a European, not an American, influence?

Marshall: Yes, indeed, from the creative aspect, though the United States have had a great deal of, what I think very unfortunate, influence. The jungle of sky-scrapers in Sao Paulo struck me as being among the most confusing things I have ever seen. The city is a frightening result of free enterprise. There is no effective city plan. Sky-scrapers are shooting up in a true Middle West fashion all over the place on the most stupid sites. There are some brilliant buildings, but these just can't be appreciated.

Chitty: Did you see anything of the architecture of Columbia? I am told that out of a total population of 11 million, 9 million live in houses made of old petrol cans and sacking.

Marshall: My visit was restricted to the east coast, but I saw plenty of petrol cans in the slums of Rio, where some of the conditions are not much better than those I saw in India.

Yerbury: I think that raises a very interesting point. People grumble a great deal about housing difficulties in England—

Richards: But we couldn't use petrol cans in England. We can't afford the petrol.

Yerbury: I meant that before the war the standard here was probably higher than anywhere else in the world, and my impression is, from what I know and hear of other countries, that it is still so. It would be interesting to know whether that is a fact. In the rest of Europe, the housing shortage doesn't seem to be so great as ours; many countries haven't had the catastrophes we have had to overcome; yet the standard accepted for the housing of a family is lower than ours.

Fitzmaurice: In France, where I think the extent of damage is greater than here, that isn't true.

Yerbury: Do you mean you do not agree that we have the bigger problems, or that you don't think our standard is higher?

Fitzmaurice: I do not believe that our standard is higher. I think one or two European countries—especially France—have set themselves too high a standard, which they have no hope of reaching.

Casson: Do you mean a standard of accommodation?

Fitzmaurice: Both accommodation and technique. They have set themselves a difficult problem in France. For example, they don't accept rooms less than 10 ft. high. That is traditionally French, and the same applies in Belgium. The rule is absolutely sacrosanct, and it increases the costs in proportion. Altogether, the architects are wedded to a higher standard of accommodation, which we regard as impracticable here, and they have not yet come off their pedestal, although lots of people are urging that they should.

Richards: As a result, I believe there is very little housing being built in France.

Fitzmaurice: It is just beginning.

Yerbury: Another factor is that they have never had the problem of rents we have in England. Even before the war, the actual rent paid by the worker in England was a fifth or a fourth of his income. In France, it was more like an eighth, and now, they say, it is more like a fiftieth, because of the devaluation of the franc and the stabilisation of rents.

Fitzmaurice: And the consequence of that is that there is no



Casson: "I went by rail right down the length of Italy . . ." The rebuilding of the Italian railways in progress between Bologna and Verona.

building. It's no longer a profitable thing. Nobody is building, except for himself.

Yerbury: In New York, too, practically no housing is being done.

Chitty: Nor in Milan, although, I believe, they lost ten thousand dwellings in the allied firebomb raids. Few houses have been built there since the war, yet 22 cinemas and many luxury shops and hotels have gone up in that one town alone.

Casson: That's not true of the whole of Italy. I went by rail right down the length of Italy last year, and though every village on the railway line had been ruined, it had been rebuilt, starting, I suspect, with the church and then with the electric generating station, the railway station itself next, and finally the blocks of flats which have replaced the village houses.

Yes, there is a big difference be-tween the village communities Chitty: in the south, and the big industrial towns of the north. Post-war Turin, for instance, is probably the richest and most sparkling town in Europe—far more so than Bern or Stockholm.

Casson: Anyway, they might be right in Milan in thinking it's more important to have a cinema than a house. You can't always tell.

Marshall: Even in the chief cities of South America they have only recently realized the necessity of providing public housing. So far a few good housing schemes have been completed and some first-rate projects are now under way, but as yet they represent only a drop in the ocean.

Yerbury: Our own policy has been definitely to start on houses before anything clse, and I think it is the same with most European countries. In Switzerland there is a lot of municipal enterprise in housing. It may not be very advanced from the town-planning point of view, as De Syllas has said, but housing, as in England, comes first. in England, comes first.

De Syllas: There are climatic reasons, which are very important.

Yerbury. And differences in local conditions and local needs. In Rotterdam, where the whole centre of the city was bombed flat, they are building houses, but they have also given licences to build some yery large banks and business. houses, but they have also given licences to build some very large banks and business offices, too. They are now putting up one building to house something like 150 firms, their argument being that until these commercial firms are housed in Rotterdam, the whole of the port organisations are the second to the commercial firms are housed in Rotterdam. tion cannot work, and Rotterdam is essentially a commercial port.

Richards: I think in practice they are keeping both needs in mind. When the centre of the city was bombed, all the offices were destroyed and commercial firms took over houses in the suburbs to carry on their business. Now, business firms are only being granted licences to build new offices on condition that by doing so they sugrantee to release a certain quant so they guarantee to release a certain quan-



Marshall: " A few good housing schemes have been completed." Flats at Sao Paulo by Rino Levi.



" In Switzerland there is a lot of municipal enterprise in Yerbury: housing." Typical post-war housing at Interlaken.



"Rotterdam is essentially a commercial port." flatted factory, the first new building to be completed in the centre of Rotterdam since the war.

tity of housing in the suburbs. Rotterdam being a port, it is reasonable for the business side to come first; though, in fact, as it was the export outlet for the Ruhr industrial region; until the Ruhr industries get going again, Rotterdam as a port cannot be revived on a big scale.

Yerbury: The Dutch put it the other way round. They say it is the natural port of Western Europe and

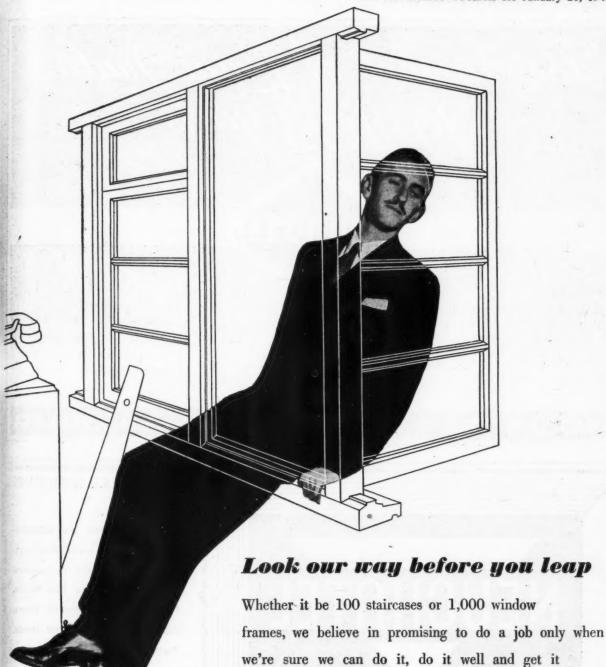
that Western reconstruction cannot com mence until it is in working order again.

Marshall: In rather a different way, South America is dependent, South America is dependent too, on the progress of industrialization. They are industrializing the building industry as fast as they can. Kneese de Mello and Rino Levi took me round many buildings in Sao Paulo and proudly showed me which materials—taps, wash-basins, etc.—had STA

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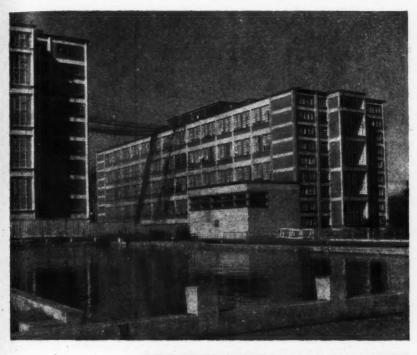
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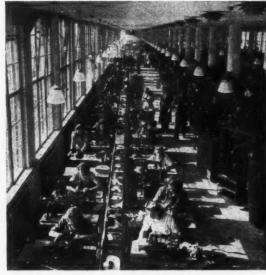
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" At Wornum: Zlynn there is the eight-storey Bata office." Above, exterior of office and factory; right, factory interior. Architect. J. Vozenilek.

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been made in Brazil. The same was true of the Argentine. The fact that they are at last largely making their own building materials is going to have a profound effect on their architecture.

Wornum: In Czechoslovakia I found Wornum: In Czechoslovakia I found there was great interest in English building technique and products. There were four-storey blocks of flats going up in Brno, designed very much on English lines. Marshall has just mentioned the Brazilians producing their own wash-basins. In Czechoslovakia, kitchen sinks seem to take on a strangely national character. In the earlier flats they consist of small halfround basins fixed against the wall with no round basins fixed against the wall with no draining boards, and in the later ones of oblong sinks in metal, but still with no draining boards. At Zlynn there is the eight-storey Bata office, with one remarkable feature: the managing director's office in the form of a lift. He can either hide from his secretary or make surprise hide from his secretary or make surprise visits to his staff.

Don't you think that Fitzmaurice: when we talk about

what is going on in various countries, and the revolutions that are taking place, we are apt to forget that the biggest revoluare apt to forget that the biggest revolu-tion is going on here, right under our noses. Take, for instance, the aluminium house. Whether you like it or not, there are fac-tories producing ready-built houses. The house is on a production line, the line moves forward, and at the end of the line, a house comes out every twelve minutes. For the first time, you have buildings—of a sort—produced by a completely new technique.

Marshall: I agree. A place like South America is still in the pre-industrial stage—in the craft stage, where architects look at the individual building. Britain is years ahead of this technically. At the same time I think in certain aspects of building, places like South America have a lot from which we can learn. For example, in the facing of reinforced concrete buildings they have done some valuable work. As far as possible, they cover reinforced concrete buildings with thin slabs of stone, or some form of mosaic, or else with

the traditional azuleijo. Their craftsmen are still alive and work really well, though they are grossly underpaid, and they have endeavoured to use their craftsmanship in a modern way.

Richards: That is certainly something that should be maintained, and no doubt there are plenty of other things we could learn, but I am sure Fitzmaurice is right when he says that the big thing is the revolution in the organization of the building industry. And this is



Fitzmaurice: "At the end of the line a house comes out every twelve minutes." The British aluminium factory-made house: one section as it comes off the assembly line being manœuvred on to its brick foundations.

happening quickest in England. You would have thought that America would be the country where this sort of thing would be taken to its furthest conclusion, with their great experience in mass production of motor-cars, and so on. Wornum, can you say, from your experience of the U.S.A., whether there is much of a movement over there for mass producing building com-ponents and industrializing building generally?

Wornum. I found everyone talking about it and a great number of projects afoot. At the same time I found the Americans filled with admiration and envy for our own efforts. The achievements of our industry since the war impressed them enormously, and they are impressed, too, with our system of town planning—especially our principle of neighbor body with the system of th bourhood units.

De Syllas: That introduces the sub-De Syllas: That introduces the subject of building legislation, which has not been mentioned so far. I think it is an even more far-reaching achievement on the part of this country. When we travel, the first question we tend to ask is: "What are your projects and what powers have you to carry them through?" My experience, from talking to Americans in this country and in travelling in Europe, has always been the same. The in Europe, has always been the same. The answer is: "Our government is still not in a position to do what we think can be done either as technicians or even as ordinary people." But in Great Britain we can ele." But in Great Britain we can with more or less truth that the technological revolution is running not so far behind the administrative and legislative revolution. I think England is unique revolution. I think England is unique among Western European and American countries in now having the power to do what the experts say should be done; though I suppose the Eastern European countries have it, too, in even fuller measure.

De Syllas: That's pretty well catered for in our town-planning legislation, and in this, too, I think we are ahead of other countries except in Eastern Europe.

Richards . In Warsaw all land now belongs to the municipality, but that doesn't preclude the private ownership of buildings built on the land.

Yerbury: I was talking recently to a real estate man from America. He represents a very strong Association of Real Estate men. They oppose any kind



Wornum: "What housing is going up in New York shows very little progress from pre-war days." A recent Brooklyn apartment block,

of public housing. He said quite definitely that if they had their way—and they think they will—any public house built in America for war-time purposes, or for an emergency housing scheme, should be disposed of to private interests.

Wornum: It's certainly the case that what housing is going up now in New York is being designed by private architects. It shows very little progress from pre-war days.

Yerbury: And in America there is no incentive to business to build, unless they are sure of making good profits and big money, so they would never introduce new methods of building, such as prefabs, unless on such a large scale as to make them economical. With private enterprise opposed to any big scheme for State housing, you will never get any big technical advances, because advances in building technique always need an enormous output to justify them.

Fitzmaurice: That is not quite true. I do not believe you need an enormous output. I think a new technique could easily be applied to a housing unit which produced only two houses a day, and would work economically, although that is not an enormous number.

Richards: You don't think it is a question of enormous output, so much as one of sustained output?

Fitzmaurice: Yes, a sustained output is absolutely essential.

# ARCHITECTURAL

# BOOKS OF THE YEAR

By Merton Tester

A REVIEW of this kind, where a large number of books must be dealt with, is always in danger of degenerating into a catalogue. The reviewer's task becomes more difficult because he is faced with a choice of two evils: either he can write about books in general, when the tendency is for him to slip into facile generalisations; or he can write his review book by book, and find himself slipping into telegraphese. Either way his task becomes invidious, because whichever course he takes he must be selective, and leave unsung many books which he would like to write about and readers to hear of. I have cut my Gordian knot by not writing about the many technical books that have been published in the last year. These have almost all been reviewed at the time of their publication in the JOURNAL's technical section by specialists who are better qualified than I to give opinions on their own specialities. Even after this decimation the pile of books left remains formidable, and almost alarmingly diffuse in both its quality and its sub-

Even after this decimation the pile of books left remains formidable, and almost alarmingly diffuse in both its quality and its subject matter. My first reaction to the year's collection is that it epitomises the very special present peculiarity of the literary aspect of architecture. This is not the difficulty of dealing with an essentially visual topic in a non-visual way—that applies equally to books about the other visual arts, and in any case all are for the most part copiously illustrated—but the fact that architecture requires far more technical knowledge than any other art, and the result is that even non-technical books about architecture tend to become coloured with the technical brush and suffer from lack of readability, not in the sense that their subject matter is not of interest, but in that it has not been well expressed in literary form. A very pressing contemporary danger is that the increasing need for technical knowledge is making architecture ever less humanistic; and this, coupled with the fact that architects are usually happier with a pencil than with a pen, does not help to produce a high standard of literary as well as of practical architecture.

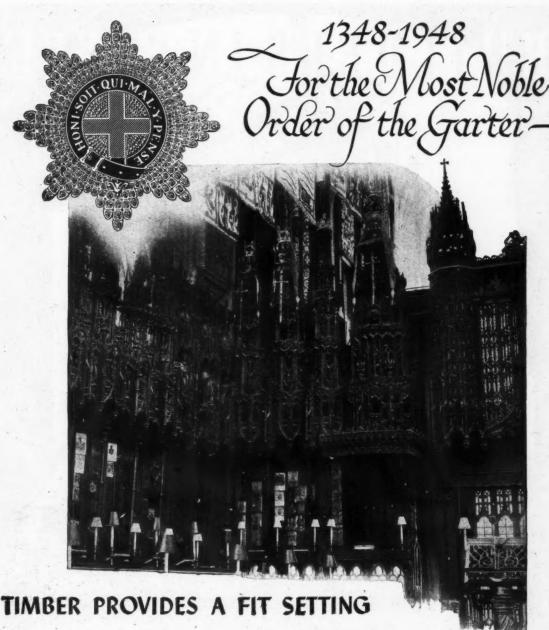
For this reason, because I think that the writing of good prose is as important as its subject, I shall deal first not with a new book but with a new reprint of an old one; Geoffrey Scott's Architecture of Humanism. I was delighted at the re-issue of this essay, whose value both as a piece of writing and in its treatment of the æsthetics and function of architecture can scarcely be over estimated. Mr. Hugh Casson, in a paper he read last summer at the AA, said that he thought The Architecture of Humanism difficult to read. While I usually find myself agreeing with Mr. Casson's judgments, I must dissent from this one. It is not so much that the essay's reasoning is complex as that it demands from its reader as much thought on its subject as Mr. Scott himself has given it. Properly approached, the philosophy of æsthetics is not, I think, a difficult one. The difficulty lies in penetrating the mist of false reasoning and values which in the last hundred years has come to obscure the subject, and which in some quarters still shows little signs of departing. I hope that this re-issue of Mr, Scott's essay receives the attention it deserves. It is a highly civilised work, and that is a quality which in this day and age is becoming too rare to ignore. The Architecture of Humanism is to be placed in the same category as Clive Bell's Art, and higher praise I can hardly think of.

Another very civilized book, this time a new one, is Donald Pilcher's The Regency

Another very civilized book, this time a new one, is Donald Pilcher's The Regency Style. Mr. Pilcher has handled his subject in the way it deserves, and the result is both a valuable history and a lucid assessment of the spirit of the age of which Mr. Pilcher writes—which is the best kind of history. The author has realised that the key to the Regency is its ingenuousness, and because of this, and because he writes well, his book is not only learned but witty. At least one reviewer took exception to this latter quality, and pilloried Mr. Pilcher for his lack of proper gravity in dealing with what we all know to have been a remarkably successful quarter-century in English history. But how likeable of Mr. Pilcher not



A Regency Interior. A drawing from Henry Moses' Designs of Modern Costumes (1823), reproduced in The Regency Style by Donald Pilcher (Batsford 15/-).



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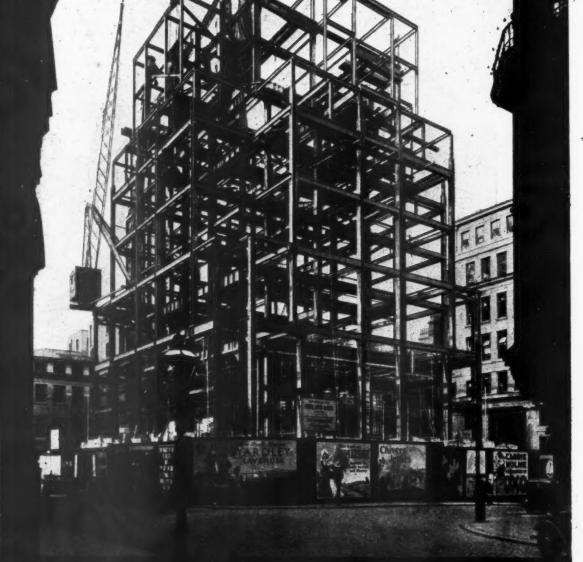
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to have taken refuge in the ready-made sanctuary of respectful admiration for conventionally respected achievement. Of course the Regency was ingenuous. It was ingenuous politically because it had not had time to absorb the impact of the French Revolution; it was ingenuous spiritually, and hence romantic; it was ingenuous economically and socially because the industrial revolution was getting under way; and, as a consequence that everyone might very reasonably expect, both its architecture and its aesthetic were ingenuous too. This would be apparent from Mr. Pilcher's excellent and copious illustrations quite apart from his text. This is precisely the kind of book that Batsford always do well, and this one has been done very well.

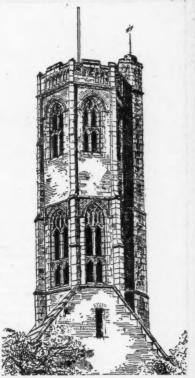
this one has been done very well.

Another Batsford publication is Marcus Whiffen's Stuart and Georgian Churches, subtitled The Architecture of the Church of England outside London. This called up from its vasty deep the wrath of The Times Literary Supplement's anonymous reviewer, who referred to it as a cashing in on the current fashion for things Georgian. I thought the comment quite irrelevant, because although there are some indications of a current preference for a Georgian purity of taste (we have, alas, still a long way to go, especially with the newly fashionable Victoriana creeping up on us), Mr. Whiffen's book is too competent and too well written for it not to survive a change of fashion. Mr. Whiffen has rendered a valuable service in dealing so well with his subject and drawing attention to a great deal of fine building which has hitherto been largely ignored. My main criticism is of Mr. Whiffen's attitude to English baroque, Palladianism, and rococo. I cannot agree with his implication that Palladianism was a thing apart from the other two. It was, I suggest, purely an English modification of the far more exuberant Continental baroque and rococo which were as international as any architectural styles have ever been. It was perhaps to be expected that puritanical England would react most violently from Continental extravagence, and Palladianism was the way in which good manners were given to rococo playfulness.

To complete a Batsford trilogy there is James Lees-Milne's The Age of Adam. This is a carefully collated work, clearly written with a great enthusiasm which sometimes gets the better of its author, and without clouding his judgments makes the expression of them incoherent. Nevertheless, the book contains a great deal of sound research, and Mr. Lees-Milne has avoided the mistake of treating his subject too narrowly. He puts Adam's work against the background of its age, and attempts an assessment of the influence of continental architects like J-A. Gabrielle, as well as

showing how, through Charles Cameron, Adam left his mark upon Imperial Russian architecture. A second book by Mr. Lees-Milne is the National Trust Guide: Buildings, the first of its kind to appear. Presumably a similar guide on the Trust's estates in land will follow. This one describes more than a hundred of the Trust's buildings and also gives information about how to reach them, when visitors are allowed in, and how much they must pay for their admission. In fact, the description of each building is wisely prefaced by these details. The scope of the guide is a wide one on account of the great variety in both the kinds of buildings and their dates. But the book is well compressed, and—very important—its format is pocket size as a good guide's should be. Since Mr. Lees-Milne is permanent secretary to the Buildings Committee of the National Trust he writes with both knowledge and authority, and his work in compiling this guide must have been of use to him on more than one occasion when he was writing his other and more cohesive book.

of a different kind is Murray's Bucking-hamshire Guide, edited by John Betjeman and John Piper, the first of a series still to come. Its first notable quality is that it is intentionally and undisguisedly—in fact avowedly—an architectural guide, and says so in its first sentences, which read: "This is a guide to what can be seen, in the way of buildings and their decoration, in Buckinghamshire. It is only historical in so far as the illustrations are arranged in chronological order." Consequently, its presentation is almost entirely visual. This is a refreshing approach, and a welcome one. Like all anthologies, a guide that is in any way selective is a very personal affair, and we are fortunate that with this one the personalities are those of Mr. Betjeman and Mr. Piper. Towards the end of the book, when half-timbered suburbia begins to disport itself, I seemed to detect Mr. Betjeman's personality becoming quite brazen. But this is legitimate, the more so since Stowe, for example, is given—and deserves—ten splendid photographs, while there is also a peep at the delightful rococo chinoiserie of Claydon House. The caption to the book's last illustration says: "This last picture shows the all-English style; of the small car, classlessness and the century of the common man . . . A distinct Buckinghamshire style, which this book has been at pains to exemplify has here ceased to exist." Alas, the loss is not confined to Buckinghamshire, nor to architectural style. F. Saxl and R. Wittkower's British Art and the Mediterranean and Margaret Jourdain's The. Work of William Kent are histories of a more puritanical kind, since they are primarily intended as presentations of factual researcn in which comment and



An illustration from Local Style in English Architecture by T. D. Atkinson (Batsford 18/-). It is a drawing by W. Basset Smith of the polygonal tower at Grey Friar's Church, King's Lynn.

assessment are kept at a minimum. Both should therefore be regarded as reference books, and, of the two, British Art in the Mediterranean is the easier to refer to. This is not on account of its size (I measured a page from curiosity and found it to be seventeen by eleven inches), but by virtue of its layout, consisting of a page of notes facing a page of illustrations. The theme is the influence of Mediterranean civilization in British Art, and it is divided into two parts, the first covering 2,000 years and the second, which is by far the larger, 300, with the division coming at about the year 1500, so that, as the authors point out, the development of the more recent period is treated in detail, with, naturally, special streast laid on the eighteenth century. I should like to have reviewed this book in greater detail, because its value as a piece of research and its standard of presentation are both exceedingly high. It exemplifies the best kind of art history—as distinct from appreciation for which it forms the very best basis—and it is typical of the kind of work for which the Warburg Institute is becoming increasingly well known. Margaret Jourdain's book is also factual, but, in view of its subject, disappointingly dry. In the result, we know considerably more about Kent and his work without our enjoyment of it having similarly benefited. Perhaps the basic austerity of the Palladian dogma has unwittingly influenced its historian? At all events, the book is not what is to be hoped of it, and this despite Miss Jourdain's painstaking research and the admirable collection of illustrations of Kent's work.

As younger brothers to the more mature histories are the first two Introductions to Architecture, published by Art and Technics. One of them, Paul Reilly's Introduction to Regency Architecture, had the misfortune to appear almost immediately after Mr. Pilcher's essay. Fortunately the clash is only in their subject matter and not in their



Little Moreton Hall,
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Guide: Buildings,
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treatment. Mr. Reilly's work is avowedly an introduction, and his approach is, with justification, more sketchy than Mr. Pilcher's. In the same vein, but as yet without a competitor, is Hugh Casson's Introduction to Victorian Architecture. This is, to my knowledge, the first attempt in book form to deal with Victorian architecture as an historical style in its own right. It is both charming and informed in the way we have come to associate with Mr. Casson, but it suffers from the self-imposed limitation on its length, and, indeed, from its author's charm: Mr. Casson writes with a kind of literary drawl (a Cambridge accent?) whose delicate inflections sometimes obscure the value of the sense behind them; and this lack of verbal weight detracts from the book. Of the Art and Technics series as such I would add only that at half a guinea they are expensive (although admittedly well illustrated), and that in the design of their dust jackets the technics seem to have got the better of the art.

I think it a good augury that books of this kind, that can be read and enjoyed by laymen as well as by architects, are now appearing in some numbers. Not their least important quality is their good visual presentation and their general high standard of production. Architecture has long suffered in being too little understood and appreciated outside the profession—comparing badly in this with the other visual arts—and it is to be hoped that a new interest is already ferrostring. is already fermenting. An important catalyst in hastening this process is the better approach to architectural history that has been established in this country in the last few years. Art historians, as distinct from political, or economic, historians, have at last come into their own, and, for archiat last come into their own, and, for architecture, the result has been that it is at last divesting itself of its archæological trappings. Three new books on gothic architecture demonstrate this very well: Portrait of Durham Cathedral, by G. H. Cook, Durham Cathedral, by W. A. Pantin, and Unknown Westminster Abbey, by Lawrence E. Tanner. Of the two Durham books (a second unfortunate clash in pubrence E. Tanner. Of the two Durham books (a second unfortunate clash in pub-lishing dates), the first is the more detailed in both its text and its illustrations, and it includes a certain amount of general information about gothic building. The other is No. 2 of the Cathedral Books, and consists of twenty-six very good protographs and an adequate introductory essay. Westminster Abbey is a King Penguin, a series which has flourished and grown under the editorship of Dr. Nikolaws Payerser. the editorship of Dr. Nikolaus Pevsner. This King Penguin is about the little known details of the Abbey: the foliage of the capitals, the carving on the vault bosses and capitals, the carving on the vault bosses and corbel heads, and the very interesting thirteenth century murals in the south transept. As with the others, Mr. Tanner's text serves as an introduction to the photographs that form the bulk of the book. More new ground, along a different line of country, is broken by Conurbation: A Survey of Birmingham and the Black Country, by the West Midland Group. When I first read the word Conupagation.

More new ground, along a oliferent line of country, is broken by Conurbation: A Survey of Birmingham and the Black Country, by the West Midland Group. When I first read the word Conurbation I confess that it might have meant anything to me from a new disease to some obscure part of my wireless. But the publisher's blurb assured me that the word had been coined by Patrick Geddes "to signify those great agglomerations of towns, surrounded and connected by strings and patches of building development, which have now become the physical environment of nearly half the population of Britain." The book is therefore a social and economic survey on a large scale, brilliantly carried out and excellently produced in book form. Its maps, diagrams, photographs and other illustrations are lavish, and it is certainly a book that planners should read. Another is The Planner's Notebook, edited by H. Myles Wright, which is a compendium in one volume of information which has



A view of Oxford as it appeared a hundred years ago. From Oxford Replanned, by Thomas Sharp. (Architectural Press. 15s.)

hitherto been scattered over several. I have no doubt that it is destined to become what at one time would have been called a vade mecum, but which is now referred to as "a standard reference book." A third planning book is Thomas Sharp's Oxford Replanned, which contains the proposals for a new Oxford that caused such a furore when they first appeared. This is one of the few books about Oxford that will be read without partisan feeling by Cambridge men, and in addition to its interest to the profession, it will also be enjoyed by laymen, both because it is very well produced and easy to read and look at, and because it deals with a city which is widely known and admired. It seems likely that it is books of this calibre that will give the public at large an awareness of what planning really implies. Henry Kendall has likewise done well in his presentation of the Jerusalem City Plan, published by the Stationery Office. It appeared on the expiry of the British mandate, and in itself forms a considerable tribute to more than a quarter century of conscientious government. Its scope is amply summed up in the opening paragraph of the introduction: "For twenty-seven years it has been the earnest endeavour of the British Government to preserve the character of the Old City of Jerusalem and to develop it in a manner worthy of the great historic, architectural and religious traditions of the past. The task has not been easy."

Apart from its planning books the Architectural Press has produced Rex Wailes's Windmills in England, and New Ways of Building, edited by Eric de Maré. Mr. Wailes's book is in the nature of a victory for the functionalists, since windmills are nothing if not functional and yet the pleasure they give to the eye is undeniable. The book's subtitle is A Study of their Origin, Development and Future, and it is quite as comprehensive as that. New Ways of Building is intended to tell architects of the technical developments they missed hearing about during the war. It is divided into eight sections (concrete; steel; timber; glass; brickwork; light metals; plastics; and insulation), and since each is written by a specialist, this, too, is a comprehensive book.

The last group of books that I shall deal with as a group (before setting off for a rapid scamper through an assortment which resist classification) are the three reprints of Le Corbusier that appeared during the year: The City of Tomorrow; When the Cathedrals were White; and The Home of Man (with François de Pierrefeu). Let me

say at once that I do not like Le Corbusier when he bursts into print. His thought is diffuse, his prose turgid; and neither are helped by the translations. His architecture expresses what he has to say far better than his several hundred thousands of words. But (and it is a large but) as curio pieces these books deserve to be read. They give, as you may expect, an insight into the personality of a remarkable man, and even if what you see is not to your taste, it is still worth a very good peep. And for myself, I confess a weakness for the notorious Corbusier squiggly drawings, which appear profusely in The Home of Man and less profusely but still generously in The City of Tomorrow. Perhaps the fairest assessment is that the real value of Corbusier's writings lies in that if they had never seen the light of day his practical architecture would be far less well known.

In a category of its own is Brenda Colvin's Land and Landscape. It is a comprehensive survey of the history and practice of landsurvey of the history and practice of land-scape architecture, and covers a surprising amount of ground—figuratively and literally—often in considerable detail, and yet re-mains eminently readable. Because of this, architects should find it both useful and stimulating. While it treats of landscape architecture in a quite single-minded upon stimulating. While it treats of landsca-architecture in a quite single-minded way Miss Colvin keeps her eye on the ball-the relationship to architecture proper and town planning is made sufficiently clear to show very plainly how much the three are complementary. I felt that one result of the comprehensive treatment was that Miss Col-vin occasionally becomes so conscientious as to state the obvious, and we find such sentences as "The prevention of coastal erosion and the possibility of reclamation of sub-merged coastal land should become a special But the compart of landscape design." pensation is that remarks of this kind are invariably followed a few lines later by such ad hoc statements as "Sand dunes fixed by marram grass alone are only moderately secure," and, indeed, the whole book shows this knowledge of practical detail while composing it into a very complete picture. Books which come at the end of a review

Books which come at the end of a review are, by unhappy implication, liable to be taken lightly. I wish that I could write of each as it deserves. One that merits great praise is John Gloag's and Derek Bridgwater's A History of Cast Iron in Architecture. It is a monumental work and covers it subject with impressive thoroughness. As is to be expected, the bulk of the book treats of the nineteenth century—a cast iron age in every sense—and this is surely one more indication of the new interest in Vic-

toriana. The Netherlands, by Sacheverell Sitwell, is a survey of art, costume and social life, and is in essence a prolonged purple patch. Being Sitwellian, it is the true imperial purple, very enjoyable, and to be recommended. T. D. Atkinson's Local Style in English Architecture has a misleading title which should have included the word "Gothic." In many respects it is a mediaval counterpart of Mr. Whiffen's book, and those who like Gothic architecture (and and those who like Gothic architecture (and it is a very marked preference, either you do or you don't; I confess my own taste to be incurably baroque) will find it very readable. Two educational books are *Houses*, by Margaret and Alexander Potter, and Approach to Architecture, by Manning and N. K. Robertson

I liked the first very much. It has some entinently pleasant lithographs, and covers its field, and especially modern housing, in its field, and especially modern housing, in a way which I think children will enjoy and understand. It is probably the best of its kind, but even so I wish that the typeface was a little more disciplined and that the pages were not so large that it is difficult to see any one of them in its entirety at a normal reading distance. Approach to Architecture I liked less. It is amusing in parts, but too scrappy when it is so important that introductory works of this kind should be written in as comprehensive a way should be written in as comprehensive a way as possible. The text is, I suspect, intended to be chatty, but is instead merely casual in manner and much too uneven in its texture.

My last book is not strictly architectural but, through its author, has the strongest architectural associations. It is John Betje-man's Selected Poems. They have been chosen, and the preface to them written, by John Sparrow. Mr. Betjeman already has his admirers, small perhaps in number, but compensatingly ardent in their taste. If I must attempt a description in a word—and I must—I would say that Mr. Betjeman's chief quality was one of wonder. Since this is coupled to an acute observation as well

as a poet's other requirements—an ear for euphony and an eye for metre—the results are distinctive. The selection clearly shows Mr. Betjeman's poetic development; so much so that I am anxiously awaiting his next book of verse to see how far he will have progressed. To this one, Mr. Sparrow's preface is a valuable introduction and a sensitive appreciation.

# Books Reviewed

The Architecture of Humanism, by Geoffrey Scott. Constable & Co. 12s. 6d.
The Regency Style, by Donald Pilcher. Batsford.

Stuart and Georgian Churches, by Marcus Whiffen. Batsford. 18s.

The Age of Adam, by James Lees-Milne. Batsford. 21s.

National Trust Guide: Buildings, by James Lees-Milne. Batsford. 7s. 6d.

Lees-Milne. Batsford. 7s. 6d. Murray's Buckinghamshire Guide, by John Betjeman and John Piper. John Murray.

British Art and the Mediterranean, by r. Saxl and R. Wittkower. Oxford University Press. 63s.

The Work of William Kent, by Margaret Jourdain. Country Life. £2 2s.

Introduction to Regency Architecture, by Paul Reilly. Art & Technics. 10s. 6d.

Introduction to Victorion Architecture by Hugh Casson. Art & Technics. 10s. 6d.

Portrait of Durham Cathedral, by G. H. Cook. Phoenix House. 12s. 6d.

Durham Cathedral, by W. A. Pantin. Lund Humphries. 3s. 6d.

Unknown Westminster Abbey, by Lawrence E. Tanner. King Penguin. 2s. 6d.

Conurbation: A Survey of Birmingham and the Black Country, by The West Midland Group. The Architectural Press. 30s.

The Planner's Notebook, by H. Myles Wright. The Architectural Press. 30s.

Oxford Replanned, by Thomas Sharp. The Architectural Press. 15s.

The Jerusalem City Plan, by Henry Kendall,

The Jerusalem City Plan, by Henry Kendall, HMSO. 21s.
Windmills in England, by Rex Wailes. The Architectural Press. 12s. 6d.
New Ways of Building, edited by Eric de Maré. Architectural Press. 30s.
The City of Tomorrow by Le Corbusier. The Architectural Press. 15s.
When the Cathedrals were White, by Le Corbusier. Routledge. 15s.
The Home of Man, by Le Corbusier and François de Pierrefeu. The Architectural Press. 10s. 6d.

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Land and Landscape, by Brenda Colvin.

John Murray. 21s.

A History of Cast Iron in Architecture, by

John Gloag and Derek Bridgwater. Allen and Unwin. 63s. The Netherlands, by Sacheverell Sitwell.

Retained Architecture, by T. D. Atkinson. Batsford. 18s.

Local Style in English Architecture, by T. D. Atkinson. Batsford. 18s.

Houses, by Margaret and Alexander Potter.

John Murray. 8s. 6d.

Approach to Architecture, by Manning and N. K. Robertson, Elward Arnold. 10s. 6d.

Selected Poems, by John Betjeman. John Murray. 8s. 6d.

# Acknowledgements

Acknowledgements are due to the following for photographs appearing as illustrations in the "Round the Table: Round the World" feature in this issue. Mr. G. E. Kidder Smith for the two photographs from Sweden on page 71; to the Architectural Record for the model of Aalto's MIT project on the next page; to Mr. F. R. Yerbury for the view of Warsaw as it was before the war; to Mr. Cecil Stewart for the photograph of Karieh Djami (from his book Byzantine Legacy, published by Allen and Unwin); to the New York Housing Authority for the illustration on page 82, taken from their tenth annual report. Acknowledgements are due to the following

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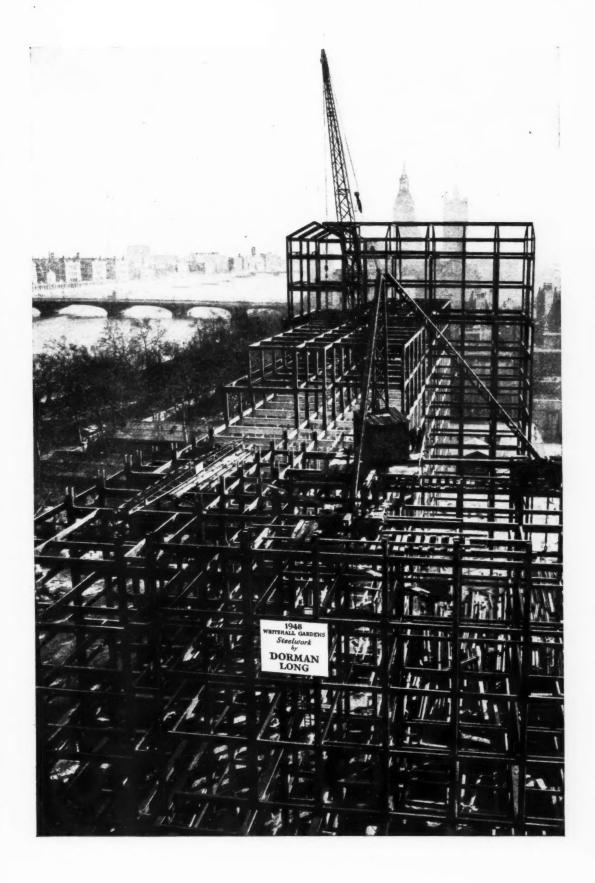
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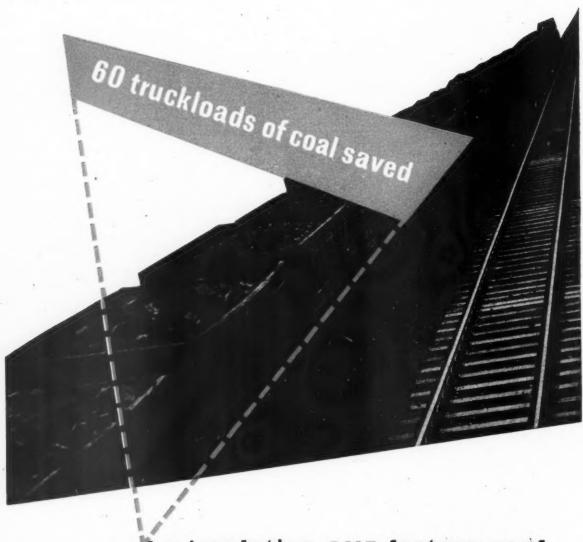
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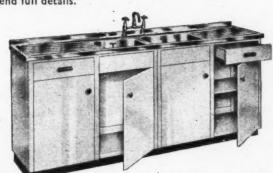
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63in. wide, 21in: deep,
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sink £38. 4.6
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Porcelain steel washbasins in acid resistant vitreous enamel on 16 gauge steel, in ivory, jade green, pastel blue or white. No breakages. No cracks.

panel fluted drainers • drain perfectly. self-cradled drawers • always open and close smoothly. heavy doors • beautifully balanced on patent concealed hinges • close quietly. units of elegance and dignity • simple in design • rigid in construction • practical for plumbing.



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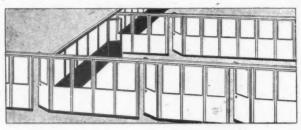


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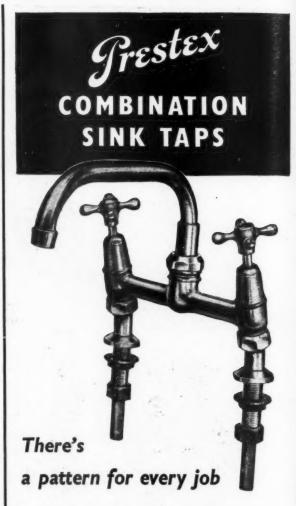


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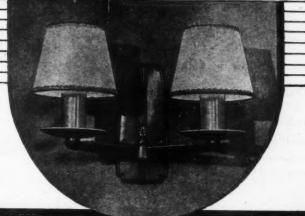
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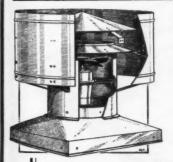
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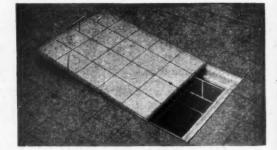
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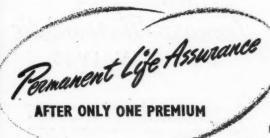
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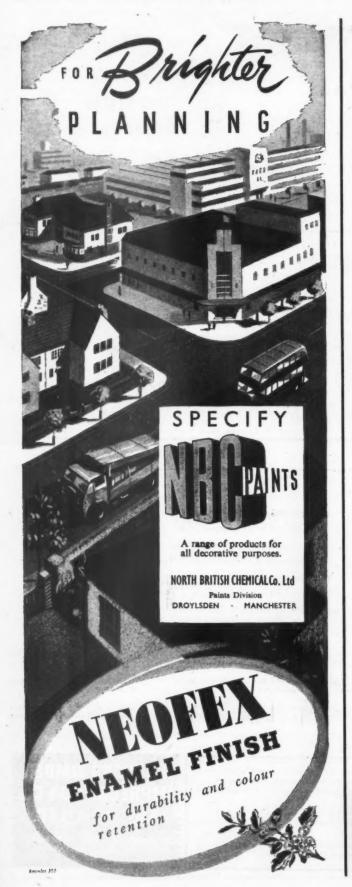
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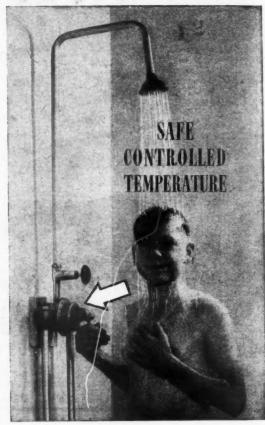
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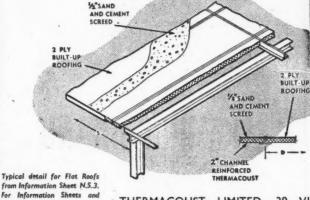
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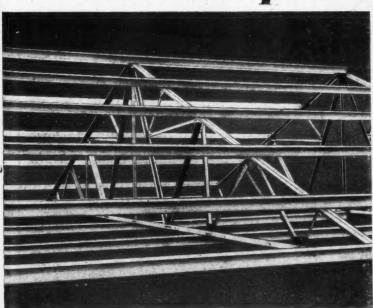
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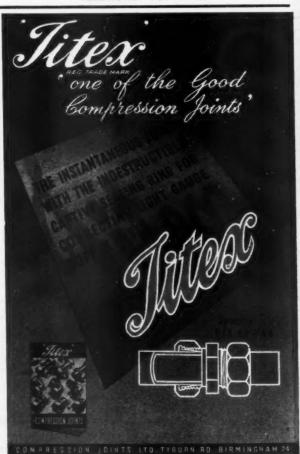


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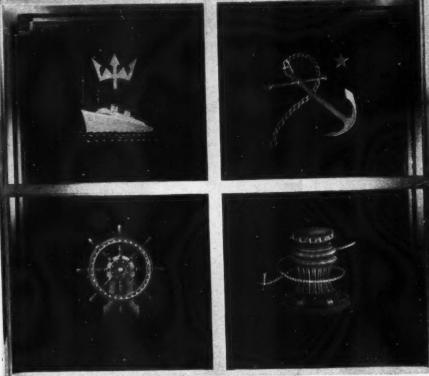
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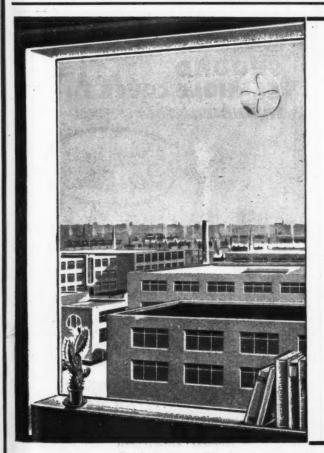




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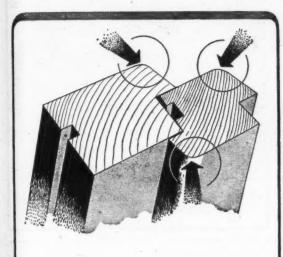
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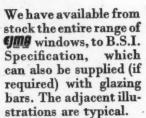
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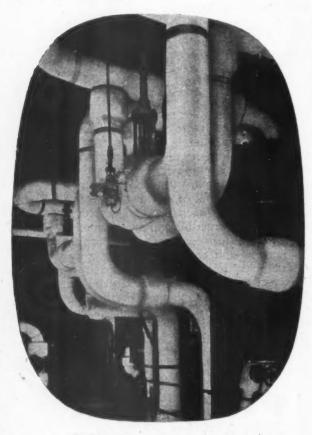
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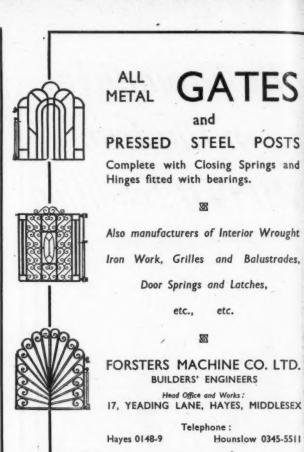
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it blends into the background and becomes a natural part of the garden itself.

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**FACTORY FOR** MESSRS. MAY & BAKER LTD., DAGENHAM, FEATURED IN THIS ISSUE.

WE HAD the pleasure of supplying our ARCHITECTURAL IRONMONGERY for the above to the instructions of EDWARD D. MILLS ESQ., F.R.I.B.A.

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### PRE-CAST HOLLOW CONCRETE FLOORS

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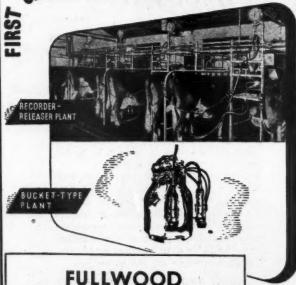
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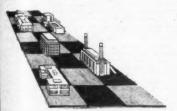


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See also page xcviil in this issue



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Having had long experience in the production of Cast Stone Facings for both Building and Works Engineering, we are in a position to execute work of this nature to the fine limits.

or this nature to the line links required by Engineers. In addition, the manufacture of flumes, weirs, ducts, etc. is undertaken on a large scale. Send for a copy of the new catalogue of Johnston Brothers productions.

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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,"

paper.
Replies to Box Numbers should be addressed ears of "The Architects' Journal." at the address

diven above.

Available only to applicants excepted from the Control of Engagement Order, 1947.

### Public and Official Announcements 21s. per inch; each additional line, 2s.

THE INCORPORATED ASSOCIATION OF ABCRITECTS 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: Employment Register, When Park, Whyteleffe. Tel.: Uplands 0935. 991

Vacancies. Address: EMPLOYMENT REGISTER, Varietaries. Tel: Uplands 0335. 991

LONDON COUNTY COUNCIL.

Applications are invited for unestablished positions of (i) ARCHTECT. Grade III (salaries up to £700 a year) and (ii) ARCHTECTURAL ASSISTANTS (salaries up to £580 a year), in the Housing and Valuation Department. Commencing salaries in either grade will be determined according to qualifications and experience. Engagement will be subject to the Local Government Superannuation Acts, and successful candidates will be eligible for consideration for appeintment to the permanent staff on the occurrence of vacancies.

Successful candidates will be required to undertake the design, kayout and preparation of working drawings for housing schemes (cottages and multi-storey flats), and will be employed in the Hessing Architect's Division. Preference will be given to candidates holding a recognized professional qualification.

Ferms of application may be obtained from the Director of Housing, The County Hall, Westminster Bridge, S.E.I. (stamped addressed cavelope required, and quote Ref. G.R.3). Canvassing disqualifies. (2269)

NORTHERN IRELAND HOUSING TRUST. APPOINTMENT OF ARCHITECTS, ENGIN-EERS and QUANTITY SURVEYORS. Applications are invited for the following

Applications are invited for the following posts:

(a) ASSISTANT ARCHITECTS, Grade I, salary scale \$2700 \times 225 - 2990; ASSISTANT ARCHITECTS, Grade II, salary scale \$2500 \times 225 - 2750; SSISTANT ARCHITECTS, Grade III, salary scale \$2500 \times 225 - 2750; ASSISTANT ARCHITECTS, Grade III, salary scale \$200 \times 220 - 2500; ARCHITECTURAL ASSISTANTS, Grade IV, salary scale \$2500 \times 220 - 2500. Applicants for Grade I. II and III posts should be Fellows or Associates of the R.I.B.A.

(b) ASSISTANT CIVIL ENGINEERS, Grade II, salary scale \$2500 \times 225 - 2750; ASSISTANT CIVIL ENGINEERS, Grade III, salary scale \$2500 \times 220 - 2500. Applicants for Grade III, and III posts should hold a University Degree in Civil Engineering and/or be Corporate Members of the Institution of Civil Engineers or the Institution of Civil Engineers or the Institution of Municipal and County Engineers.

(c) QUANTITY SURVEYORS, Grade II, salary scale \$2500 \times 250 \times 250

Grade III, salary scale £400×£20-£500; ASSIS-TANT QUANTITY SURVEYORS, Grade IV, salary scale £250×£20-£500.

Applicants for Grade II and III posts should be Members of the Royal Institution of Chartered Surveyors and be experienced in the preparation of Estimates, Bills of Quantities, Measuring-up, and the adjustment of Final Accounts in connection with housing schemes.

Applicants for the Assistant Quantity Surveyor posts, Grade IV, should have passed the Intermediate examination of the same body and be experienced in similar duties.

Successful candidates in each case will be required to undertake and supervise such work in connection with housing schemes as may be assigned to them throughout Northern Ireland. Preference will be given to ex-Service candidates can within a reasonable time fill the vacant posts efficiently.

The Northern Ireland Housing Trust was established by the Housing Act (Northern Ireland), 1945, to build and manage houses for workers.

Applications should be made not later than 31st January, 1949, on forms which may be obtained from General Manager, Northern Ireland Housing Trust, & Donegall Square South, Belfast.

COUNTY BOROUGH OF EAST HAM.

ENGINEERING INSPECTOR.

Applications are invited for the position of Engineering Inspector (Temporary), in the Borough Engineer's Department, at a salary of 2390 to 2435 per annum a tage of 26), for the supervision of reinforced concrete foundations, beams and floors, together with the driving of piles necessary in the construction of three modern schools and ancillary buildings.

Application form and conditions of appointment may be obtained from the undersigned, and must be returned by the 31st January, 1949.

Canvassing will disqualify.

H. A. EDWARDS.

Town Hall, East Ham, E.6.

## METROPOLITAN BOROUGH OF PADDINGTON. HOUSING DEPARTMENT.

HOUSING DEPARTMENT.

Appointment of:—

(a) ASSISTANT ARCHITECT.

(b) ARCHITECTURAL ASSISTANT.

(c) JUNIOR ARCHITECTURAL ASSISTANT.

Applications are invited for the above-mentioned pointments on the permanent establishment of the Housing Department, Architectural Section which also deals with all Council's building ork).

work).

(a) ASSISTANT ARCHITECT. This appointment will be on Grades VI-VII of the A.P.T. Division of the National Joint Council's Scheme of Conditions of Service, the salary commencing at £595 per annum and rising to a maximum of £710 per annum plus London "weighting."

of Conditions of Service, the salary commencing at £595 per annum and rising to a maximum of £710 per annum, plus London "weighting."

Applicants should be Associates of the R.I.B.A. and have had extensive experience in contemporary architectural design and construction of general Municipal buildings, including multistorey flats of brick and framed construction, be progressive in outlook, and able to supervise works in course of erection.

(b) ARCHITECTURAL ASSISTANT. A.P.T., Grades III and IV, salary £450, to £525 per annum, plus London "weighting," commencing at a point within the grades commensurate with experience and qualifications.

Candidates must be suitably qualified and should have had experience of multi-storey blocks of flats. Preference will be given to Associates of the R.I.B.A. or those in an advanced stage of preparation for the Final examination of that Institute.

(c) JUNIOR ARCHITECTURAL ASSISTANT. A.P.T., Grade I, salary £390 to £435 per annum, plus London "weighting," commencing at a point commensurate with the successful candidate's qualifications and experience.

Applicants must have passed or be about to sit for the Intermediate examination of the Royal Institute of British Architects, be used to preparing working and detail drawings, and be good draughtsmen.

London "weighting" allowance, which is pay-

for the Intermediate examination of the Royal Institute of British Architects, be used to preparing working and detail drawings, and be good draughtsmen.
London "weighting" allowance, which is payable in all cases in addition to the basic salaries, will be at the following rates:

Age 16/20 years, inclusive, £20 per annum.
Age 21/25 years, inclusive, £20 per annum.
These appointments will be subject to one month's notice on either side, to the provisions of the Council's Superannuation Acts and Standing Orders, and to the National Joint Council's Scheme of Conditions of Service.

Forms of applications are obtainable from the undersigned and applicants should state clearly which form is required.

Applications for all appointments, stating age, qualifications, present and previous appointments with salaries, and experience, together with the names of three authorities or persons from whom references can be obtained, should be delivered to the undersigned, in an envelope clearly indicating the appointment for which application is being made, not later than noon on Monday, 31st January, 1949.

Canvassing, directly or indirectly, will disqualify.

W. H. BENTLEY.

W. H. BENTLEY,
Town Hall, Paddington, London, W.2.

COUNTY BOROUGH OF HALIFAX.
APPOINTMENT OF ARCHITECTURAL ASSISTANTS.
Applications are invited for the following pointments in the Borough Engineer's depart-

appointments in the boungin angular angular ment:

SENIOR ARCHITECTURAL ASSISTANT (Grade VI, A.P.T., £595-£660 per annum), to be engaged on General Architectural work.

SENIOR ARCHITECTURAL ASSISTANT—EDUCATION (Grade V, A.P.T., £520-£570 per annum), to be engaged on design and construction of new Primary, Secondary and Technical Schools.

Schools.

JUNIOR ARCHITECTURAL ASSISTANT
(Grade Misc. II. £375-£420 per annum).

Previous experience in Local Government is
not essential, but preference will be given to those
with appropriate qualifications.

Applications, stating age, qualifications, present
position, salary and experience, accompanied by
copies of recent testimonials and appropriately
endorsed, should be delivered to the undersigned
not later than Wednesday. 2nd February, 1949.

RICHARD de Z. HALL,

Town Clerk.

Town Hall, Halifax. 8th January, 1949.

Sth January, 1949.

BOROUGH OF TORQUAY.

Applications are invited for the post of ARCHITECTURAL ASSISTANT, in the Borough Surveyor's Department, at a salary of £420×£15—2465 per annum.

Preference will be given to candidate possessing at least the R.I.B.A. Inter. examination.

The appointment, terminable by one month's notice on either side, is subject to the National Scheme of Conditions of Service, and the provisions of the Local Government Superannuation Act, 1937.

The Council will endeavour to find living accommodation, if required, for the person appointed.

Applications, giving details of education, experience, age, etc., together with copies of two recent testimonials, should be sent to the Borough Surveyor, Town Hall, Torquay, not later than Saturday, 29th January, 1949.

LANCASHINE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited for the following appointments on the permanent staff:—
(a) BENIOR ASSISTANT ARCHITECTS, Grade VIII. Salary £685-£760. Candidates must have high ability in design, and be capable of laking charge of large contracts.
(b) BENIOR ASSISTANT STRUCTURAL ENGINEER, Grade VIII. Salary £685-£760. Candidates must have a wide experience of structural steelwork design and detailing. Experience of R.C. design will be an advantage.
(c) SENIOR ASSISTANT HEATING ENGINEERS, Grade VIII. Salary £685-£760. Candidates must have a wide experience of design of heating and hot water installations in all types of County buildings.
(d) SENIOR ASSISTANT LAND SURVEYORS AND VALUERS, Grade VIII. Salary £685-£760. Candidates must have a wide experience in surveying, valuation and negotiating.
(e) SENIOR ASSISTANT QUANTITY SURVEYORS, Grade VIII. Salary £685-£760. Candidates must have a wide experience of the work of a quantity surveyor, and be capable of taking charge of a section.
(f) SENIOR ASSISTANT ARCHITECTS, Grade

VEYORS, Grade VIII. Salary £685-2760. Candidates must have a wide experience of the work of a quantity.surveyor, and be capable of taking charge of a section.

(9) SENIOR ASSISTANT ARCHITECTS, Grade VII. Salary £635-2710.

(9) SENIOR ASSISTANT QUANTITY SURVEYORS, Grade VII. Salary £635-2710. Candidates must have a wide experience of the work of a Quantity Surveyor.

(h) SENIOR ASSISTANT LAND SURVEYORS AND VALUERS, Grade VII. Salary £635-2710. Candidates must have a good experience in surveying, valuation and negotiating.

(i) ASSISTANT STRUCTURAL ENGINEER, Grade VI. Salary £595-£600. Experience of reinforced concrete, as well as structural steelwork design and detailing, will be an advantage.

(j) ASSISTANT STRUCTURAL ENGINEER, Grade VI. Salary £595-£660. Candidates must be competent to prepare schemes of lighting and power for new schools and other County buildings.

(k) ASSISTANT HEATING ENGINEER, Grade VI. Salary £595-£660. Candidates must be competent to design heating and hot water installations for all types of County buildings.

The appointments will be subject to the provisions of the Local Government Superannuation Act, 1937; to a satisfactory medical examination, and to the termination of each appointment by one month's notice in writing on either side. Applications should be forwarded on the forms to be obtained from the County Offices, Preston, to whom they should be returned, accompanied by copies of three recent testimonials, to arrive not later than Saturday, 5th February, 1949.

R. H. ADCOCK.

Clerk of the County Council. County Offices, Preston, 5th January, 1949.

APPOINTMENT OF SENIOR ARCHITEC.

County Offices, Presion.

5th January, 1949.

BOROUGH OF WORTHING.

APPOINTMENT OF SENIOR ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of a Senior Architectural Assistant, on the permanent establishment of the Borough Engineer and Surveyor's Department, at a salary in accordance with Grade A.P.T., IV, commencing salary 2480, rising by three annual increments of 215 to 2525 per annum.

Candidates should preferably be Associates of the Royal Institute of British Architects, and should have a sound experience in the preparation of drawings and specifications for all types of building work carried out by a Local Authority.

The appointment will be subject to the National Scheme of Conditions of Service of Local Government Officers, to the Local Covernment Officers, to the Local Covernment Officers, to the Local Covernment

ERNEST G. TOWNSEND.

Town Hall, Worthing. 5th January, 1949.

5th January, '1949.

Applications are invited from Associates of the R.T.B.A. for the appointment of PRINCIPAL ASSISTANT ARCHITECT (Grade VI, £595-£660), and for appointments as ASSISTANT ARCHITECTS, Grade V (£590-£570), and Grade IV (£480-£525). Applications for Grades IV and V would be considered from applicants who have passed the Intermediate examination, and are preparing for the Final examination of the R.I.B.A. Experience in education works desirable.

The appointments are permanent, and are subject to the National Scheme of Conditions of Service, the passing of a medical examination, and determinable by one month's notice on either side.

Applications, with copies of not more than three recent testimonials, must reach the undersigned not later than 10 a.m. on Monday, 31st January, 3400

not later value 1949.
1949.
Canvassing will disqualify.
V. BLANCHARD.
Town Clerk. City Council Chambers, 1, Clarence Parade, Southsea.

ST. PANCRAS BOROUGH COUNCIL.
APPOINTMENT OF TEMPORARY ASSISTANTS
IN ARCHITECT'S DEPARTMENT.
Applications are invited for the following temporary appointments in the Architect's Depart-

ment:—
THREE ASSISTANT ARCHITECTS. Grades
IV.V.

THREE ASSISTANT ARCHITECTS. Grades IV.V. Salary scale £480-£570 per annum plus London weighting. Commencing salary may be varied according to experience. Candidates for these appointments must be Corporate Members of the Royal Institute of British Architects or Registered Architects, and should have had wide experience in architectural work, more particularly in Municipal housing schemes and the construction of flats.

ONE ARCHITECTURAL ASSISTANT. Grades I-II-III.
Salary scale £390-£495 per annum, plus London weighting. In the case of this appointment the commencing salary will be the minimum of the scale.

Salary scale £390-£495 per annum, plus London weighting. In the case of this appointment the commencing salary will be the minimum of the scale.

Candidates must be of Intermediate R.I.B.A. standard and have had experience in connection with Municipal housing schemes and the construction of flats.

The Council are unable to assist in the provision of housing accommodation.

Canvassing will disquality. Applicants must disclose in writing whether they are related to any member or senior officer of the Council.

Applications by letter, stating age, training, qualifications, experience, past and present entestimonials, must be delivered to the undersigned not later than the 12th February, 1949.

R. C. E. AUSTIN.

St. Pancras Town Hall. Euston Road,

London, N.W.1.

12th January, 1949.

CARDIGANSHIRE COUNTY COUNCIL.

COUNTY PLANNING DEPARTMENT.

SENIOR PLANNING ASSISTANT.

Applications are invited for the above appointment in A.P.T. Grade III (£450-15-2495). The commencing salary within the grade will be determined according to the qualifications and experience and preference will be given to those who have passed the Intermediate Examination of the Town Planning Institute or other technical institution.

The appointment is subject to the provisions of the Local Government Superannuation Act. 1937, the National Joint Conneil's Scheme of Conditions of Service, the passing of a satisfactory medical examination and to one month's notice on either side.

Applications on forms obtainable from the undersigned must be submitted not later than 5th February, 1949.

\*\*NORMAN GREENWOOD\*\* Acting Clerk to the Committee.\*\* Cambrian Chambers. Aberystwyth.

\*\*APPOINTMENT OF DEPTITY COUNTY ARCHITECT.\*\* Applications are invited for the appointment of Depaity County Architect. The safary statching to the poot will be £1,250 per annum, rising by annual increments of £50 to a maximum of £1,400 per annum. Travelling and subsistence allowances will be paid according to the Coucil's scale. The appointment will be terminable by three months

Applications are to be received on or before Saturday, 5th February, 1949, to be addressed to the County Architect, County Hall, Kingston-on-Thames, and are to be on the prescribed form, which will be supplied on application to him. Canvassing, directly or indirectly, will dis-qualify.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-on-Thames.

Kingsten-on-Thames.

APPLICATIONS ARE INVITED for the appointment of ARCHITECTURAL ASSISTANT in the City Engineer's Department; salary Grade VI. 2595 to 2660.

Candidates must be Associates of the Royal Institute of British Architects or hold an equivalent qualification, and should possess a sound experience in design and construction and also be experienced in the management of building contracts.

The appointment will be subject to:—

(a) The Conditions of Service of the National Joint Council as adopted by the City Council.

(b) The Provisions of the Local Government Superannuation Act, 1937.

(c) The passing successfully of a medical examination.

(c) The passing successfully of a medical vacanination.

Applications, stating age, qualifications and experience, together with particulars of past and present employment—accompanied by copies of two recent testimonials—should be forwarded in envelopes endorsed "Architectural Assistant," addressed to the City Engineer, Town Hall, Salford, 3, and be delivered not later than Friday, January 28, 1949.

Applicants must disclose, in writing, whether or not they are related to any member of the Council or an officer of the Authority.

H. H. TOMSON, Town Clerk.

CROYDON (COUNTY BOROUGH OF)

BDUCATION COMMITTEE.

SCHOOL OF ART AND CRAFTS.

Principal: FREDERICK HINCHLIFF,

A.R.C.A.(London).

Applications are invited for the post of Full-time
ASSISTANT in the Department of Architecture.
A suitably qualified man, preferably under 35
years of age, is required to take up duties as
soon as possible, to take charge of the Department of Architecture. The man appointed will be assisted, as necessary, by technical part-time staff and should have a broad approach to matters of Design and Decoration. Teaching experience desirable, but not essential; suitable applicants for part-time appointment would be considered.

Salary in accordance with London Burnham

Considered.

Salary in accordance with London Burnham Scales, with appropriate allowances.

Forms of application may be obtained on receipt of a stamped addressed, folicap envelope from the undersigned, to whom they should be returned, completed, within two weeks of this advertisement.

ceipt of a stamped addressed, foolscap envelope from the undersigned, to whom they should be returned, completed, within two weeks of this advertisement.

HERBERT ROBERTS,

Chief Education Officer.

Education Office, Katharine Street,

Croydon, Surrey.

HIS MAJESTY'S COLONIAL ENGINEERING

SERVICE.

A vacancy exists on the permanent and pensionable staff of the Lands and Mines Department, Tanganyika, for a CHIEF TOWN PLANNING OFFICER. Salary £1,535 per annum. Candidates must be Corporate Members of the Town Planning Institute and of the Royal Institute of British Architects and have a sound knowledge and experience of Town Planning Legislation and of the administration and preparation of Town Planning Schemes. Age limits 50-40 years of age.

Free 1st class passages will be provided for the officer, his wife and family on first appointment and on leave. Partly furnished Government quarters will also be provided at a low rental. Home leave at the rate of 5 days per month of resident service at the end of each tour of 2 to 3 years.

Intending candidates should write at once for further particulars and form of application to the Director of Recruitment, Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting reference number 27281/22. 1418

METROPOLITAN BOROUGH OF ARCHITECTURAL ASSISTANTS.

Applications are invited for three Established appointments of ARCHITECTURAL ASSISTANT. In the Borough Architecty Department, at salaries each in accordance with Grade A.P.T., IV. viz. 2510-2555 per annum irclusive. Candidates should have had good professional training and experience in housing design and general architectural work. Preference will be given to candidates who have passed an Examination of the Royal Intitute of British Architects. Forms of application may be obtained from the Borough Architect, and must be returned to the undersigned not later than 4th February, 1949.

CACHTHNESS COUNTY COUNCIL.

Applications are invited for the combined post of COUNTY ARCHITECT AND PLANNING

1419
TC/RCV/MC/E.

CAITHNESS COUNTY COUNCIL.
Applications are invited for the combined post of COUNTY ARCHITECT AND PLANNING OFFICER. for the County of Caithness, from persons who have had a thorough training and experience in Architectural Designing and Construction. Applicants should be Fellows or Associates of the Royal Institution of British Architects and Associate Members of the Town Planning Institute, and experience of Local Government work will be regarded as an advantage. The appointment is a whole time one and will be superannuable. Salary £850 by £30 to £1,000.

Travelling expenses will be paid according to the Council's scale. For further particulars application should be made to the Subscriber with whom written applications (and copies of three recent testimonials), giving full particulars of age. experience and qualifications, should be lodged by 16th February, 1949.
Canvassing in any form will be a disqualification.

JAMES ROBERTSON.

JAMES ROBERTSON, County Clerk.

JAMES ROBERTSON,
County Offices, Wick.

10th January, 1949.

LONDON COUNTY COUNCIL.

ARCHITECT'S DEPARTMENT—SOUTH BANK
DEVELOPMENT SCHEME.

Applications are invited for two positions of
Clerk of Works for the construction of the Concert
Hall, etc., on the South Bank of the Thames,
to be completed for the 1951 Exhibition.

The salary in each case will be determined
within the following ranges:—Superintending
Clerk of Works. £50-£1.000 a year: Second Clerk
of Works. £500-£550 a year, according to qualifications and experience. Candidates should have
served an abprenticeship to one of the building
trades, and should have had experience in excavation, masonry, joinery, reinforced concrete and
structural steelwork on large buildings. Anolication forms from the Architect (ARP/CW),
County Hall. Westminster Bridge. S.E.1 (enclosing
stamped addressed envelope), to be returned completed not later than 31st January, 1949. Canvassing disqualifies.

MONMOUTHSHIRE COUNTY COUNCIL.
Applications are invited for the following posts in the office of the County Architect:

TWO PERMANENT ARCHITECTURAL ASSISTANTS, at a salary in accordance with Grade VII (i.e., £635 per annum, rising by annual increments of £25 to £710 per annum), of the Administrative, Professional and Technical Division of the National Joint Council's Scale.

TWO PERMANENT ARCHITECTURAL ASSISTANTS, at a salary in accordance with Grade VI (i.e., £595 per annum, rising by two annual increments of £20 and one of £25 to £600 per annum), of the Administrative, Professional and Technical Division of the National Joint Council's Scale.

ONE PERMANENT ARCHITECTURAL ASSISTANT, at a salary in accordance with Grade V (i.e., £502 per annum, rising by two annual increments of £15 and one of £20 to £570 per annum), of the Administrative, Professional and Technical Division of the National Joint Council's Scale.

ONE PERMANENT QUANTITY SURVEYOR, at a salary in accordance with Grade VI (i.e., £595 per annum, rising by two annual increments of £15 and one of £20 to £570 per annum), of the Administrative, Professional and Technical Division of the National Joint Council's Scale.

ONE PERMANENT QUANTITY SURVEYOR, at a salary in accordance with Grade VI (i.e., £595 per annum, rising by two annual increments of £20 and one of £25 to £600 per annum), of the National Joint Council's Scale.

County Administrative, Professional and Technical Division of the National Joint Council's Scale.

Forms of applications, particulars of the post and conditions of service, may be obtained from the undersigned. Completed applications, together with copies of three recent testimonials, must be delivered to Mr. Colin L. Jones, F.R.I.B.A., County Architect, Queen's Hill, Newport, Mon., not later than 28th January, 1949.

CITY OF MANCHESTER.

HOUSING COMMITTEE.

Applications are invited from persons having suitable experience for the under-mentioned appointments under the Housing Committee:—

(i) ASSISTANT ARCHITECT. Grade IV of the N.J

January, 1949.

CUMBERLAND COUNTY COUNCIL.

CLERKS OF WORKS.

Applications are invited for the appointment of Two Clerks of Works to aupervise the erection of the council of the council

of:—

(a) New Primary School at Maryport.

(b) New Secondary Modern School at Kells, Whitehaven.

The inclusive wage will be £10 l0s. per week. Applicants should have good practical knowledge of all trades and experience in the erection of steel frame buildings, and should be able to measure up work.

The appointments will be temporary and subject to four weeks' notice on either side.

Applications, stating age, present employment, qualifications and experience, together with copies of three testimonials, should be delivered to John H. Haughen, F.R.I.B.A., County Architect, 15, Portland Square, Carliele, not later than 31st January, 1949.

G. N. C. SWIFT.

G. N. C. SWIFT, Clerk of the County Council. 1425

G. N. C. SWIFT.

Clerk of the County Council.

January, 1949.

SEDGEFIELD RURAL DISTRICT COUNCIL.

TWO ARCHITECTURAL ASSISTANTS IN THE

HOUSING DEPARTMENT.

The above Council invite applications for the
posts of Architectural Assistants in the Housing
Department. Two are required. Applicants
should be fully experienced in the preparation
of sketch plans and working drawings, taking off
quantities and preparing specifications, surveying
and levelling (preferably relading to Housing).
The persons appointed will act under the direct
supervision of the Housing Architect or his
Deputy. The salaries will be fixed within Grade
III, A.P.T. Division of the National Scale of
Salaries, which commences at 2390 per annum
and rises to be fixed after the consideration of the
qualifications and experience of the selected candidates. In addition to the salary, there is a
fluctuating cost-of-living bonus, at present £78 per
annum. The appointments will be subject to one
month's notice on either side. Applications,
stating age, experience and present employment,
together with the names and addresses of two
referees, should be in my hands by noon on Wednesday, the 2nd February, 1949. Candidates should
state whether they are related to any member or
senior officer of the Council.

W.H. HAGGIE,
Clerk to the Council.

W. H. HAGGIE,

Clerk to the Council.

Council Offices, Sedgefield, Stockton-on-Tees.

January, 1949.

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Clerk. 1398

BOROUGH OF BARNES.

APPOINTMENT OF CHIEF ARCHITECTURAL ASSISTANT (GRADE VI).

Applications are invited for the above appointment in the Borough Engineer and Surveyor's Department, at a commencing salary of £595. rising by annual increments to a maximum of £560 per annum, plus London weighting.

Applicants must be Associates of the Royal Institute of British Architects, and have had a good training and experience in the design and construction of housing and other Municipal buildings. They should state whether housing accommodation would be required.

Applications, giving names of three persons to whom reference can be made, should reach the undersigned not later than Wodnesday, 2nd February, 1949.

W. R. SHEPHERD. A.M.I.C.E.,

Borough Engineer and Surveyor.

Municipal Offices, Sheen Lane, S.W.14.

31st December, 1948.

COUNTY BOROUGH OF DERBY.

BOROUGH ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointment on the permanent staff in accordance with the National Scale of Salaries:—

ONE SENIOR ASSISTANT ARCHITECT.

Applicants should be Associate R.I.B.A., with a good knowledge of work undertaken by a Local Anthority, preferably with experience in School work.

work.

The appointment will be subject to one month's notice in writing on either side, and to the terms of the National Joint Council's Scheme of Conditions of Service, and the provisions of the Local Government Superannuation Act, 1937, and the successful applicant will be required to pass a medical examination.

Form of application may be obtained from Thos W. East, F.B.I.B.A. Borough Architect, The Council House, Corporation Street, Derby, and should be returned when completed, together with copies of three testimonials, to arrive not later than Monday, 31st January, 1949.

Canvassing, directly or indirectly, will be a disqualification.

C. ASHTON.

C. ASHTON, Town Clerk

The Council House, Derby.

Town Clerk.

1336

BOROUGH OF WILLESDEN.

APPOINTMENT OF ARCHITECTURAL

ASSISTANT.

The Council invite applications for the appointment of SECOND-CLASS ARCHITECTURAL ASSISTANT, on the Permanent Staff of the Borough Engineer and Surveyor's Department.

The salary attaching to the post will be Administrative, Professional and Technical, Grade V of the National Joint Council's Scale for the London area, namely £550 per annum, by two annual increments of £15 and one of £20 to £600 per annum.

annual increments of £15 and one of £20 to £600 per annum.

Candidates must be Associates of the Royal Institute of British Architects or hold an equivalent qualification, and preferably have general knowledge and experience of architectural work in the service of a Local Antherity.

The appointment will be terminable by one month's notice on either side, is subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be reculred to pass a medical examination.

Applications, piving age, experience, etc., accompanied by copies of not more than three testimonials, should be addressed to the undersigned, endorsed "Architectural Assistant," not later than 10 a.m. on Friday, 28th January, 1949. It will be necessary for the successful candidate to provide his own housing accommodation as the Council is not in a position to assist.

Canvassing, directly or indirectly, will be deemed a disqualification.

(Sgd.) R. S. FORSTER.

(Sgd.) R. S. FORSTER,
Town Hall, Dyne Road, Kilburn, N.W.6.
26th November, 1948.

Town Hall, Dyne Road, Kilburn, N.W.6.

26th November. 1948.

COUNTY BOROGIGH OF SOUTHEND-ON-SEA.
BDUCATION COMMITTEE.
MUNICIPAL COLLEGE.

Principal: R. W. WHISON, B.S., EBR., J. A.C.G.I.,
Whit.Sch.D.I.C.. A.M.I.F.E.
DEPARTMENT OF ARCHITECTURE AND
BUILDING.

Applications are invited for the post of full-time
LECTURER IN SURVEYING, to commence
duties at the earliest possible date.
Candidates should be Associates of the Royal
Institution of Chartered Surveyors, with experience in Building or Quantity Surveying. The
post has been newly created to meet the needs of
the recently established full-time course in Building and Quantity Surveying. leading to the First
and Intermediate examinations of the Royal
Institute of Chartered Surveyors.
Salary will be in accordance with the Burnham
Scale for Teachers in Technical Schools, with
increments for teaching and/or professional experience.

Forms of application and further details may

perience.

Ferms of application and further details may be obtained from the undersigned on receipt of a stamped and addressed foolscap envelope. The completed application forms should be sent to the Principal. Southend-on-Sea Municipal College, Victoria Circus, as soon as possible.

H. Boyen WATSON. Chief Education Officer.

Education Office. Warrior Square, Southend-on-Sea. 7th January, 1949.

PONTYPRIDD URBAN DISTRICT COUNCIL.
Applications are invited for the following peremanent appointment, which is subject to the provisions of the Local Government Superannuation
Act, 1937, and the successful candidate will be
required to pass a medical examination.
ARCHITECTURAL ASSISTANT. Salary £495
per annum—the maximum of A.P.T., Grade III,
of the National Scales of Salaries.
The minimum qualification required for this
appointment is the Intermediate examination of
the Royal Institute of British Architects.
The person appointed will be required to devote
the whole of his time to the service of the Council,
and the appointment will be subject to one
month's notice on either side.
Forms of application are obtainable from the
Council's Architect. Mr. W. Cecil Evans, Municipal Buildings, Pontypridd, Glam., and should
be obtained by intending candidate.
Applications in form required, together with
the names and addresses of three persons to whom
reference may be made, must be received by the
undersigned not later than Monday, 31st day of
January, 1949.

Canvassing will be a disqualification, and candidates must disclose any relationship to Members
or Senior Officers of the Council.
Municipal Buildings, Pontypridd, Glam.
January, 1949.

LANCASHIRE COUNTY COUNCIL
COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited for the following
appointments on the permanent staff:

SECTION ARCHITECT'S DEPARTMENT.
Applications are invited for the following
appointments on the permanent staff:
SECTION ARCHITECT'S Salary £760-£860.
Candidates must have a high ability in design
and construction; be capable of organizing and
supervising staff controlling large contracts.

The appointments will be subject to the provisions of the Local Government Superannuation
Act, 1937; to a satisfactory medical examination,
and to the termination of each appointment by
one month's notice in writing on either side.

Applications should be feutured, accompanied
by coples of three recent testimonials, to arrive
not be betained from the C

County Offices, Preston.

22th January, 1949.

ESSEX COUNTY COUNCIL.
COUNTY PLANNING DEPARTMENT.
The Essex County Council invite applications for the following appointments on the established staff of the County Planning Department:—

(a) PLANNING ASSISTANT, at a salary not exceeding the maximum for Grade V, A.P.T.D.

(2570 per annum).

(b) THREB PLANNING ASSISTANTS. at salaries not exceeding the maximum for Grade II. A.P.T.D. (2465 per annum).

(c) PLANNING ASSISTANT at a salary not exceeding the maximum for Grade I, A.P.T.D.

(2435 per annum).

(d) SENIOR DEAUGHTSMAN, at a salary not exceeding the maximum for Grade I, A.P.T.D.

(2435 per annum).

(d) SENIOR DEAUGHTSMAN, at a salary not exceeding the maximum for Grade I, A.P.T.D.

(2455 per annum).

The salary in each case will be fixed in accordance with the qualifications and experience of the applicant appointed, but will not exceed the maximum salary for the post concerned as stated above.

Candidates for post (a) must have passed the

ance with the qualifications and experience of the applicant appointed, but will not exceed the maximum salary for the post concerned as stated above.

Candidates for post (a) must have passed the Intermediate examination of the Town Planning Institute. Preference will be given to candidates who are also Corporate Members of the Town Planning Institute or whe possees an additional professional qualification to that stipulated. Experience in a county planning department will be an advantage.

Candidates for posts (b) and (c) should have had good general experience in a planning office with regard to development control and hasic survey. Preference will be given to candidates who have passed the Intermediate examination of the Town Planning Institute or other recognized professional institution.

Candidates for post (d) must be capable of taking charge of the Drawing Office and be able to produce all types of Planning maps and diagrams without supervision. They should have had experience in ordering all Drawing Office materials and supplies and preference will be given to candidates with previous local government experience. They should also be neat and expeditious draughtsmen and expert colourists with both inks and water colours.

The appointments will be subject to the provisions of the Local Government Superannation Act, 1937, and the successful candidates will be required to pass a medical examination to the satisfaction of the Council.

The Scheme of conditions of Service of the National Joint Council for Local Authorities' Administrative, Professional, Technical and Clerical Services, as from time to time amended and as adopted by the County Council, is at present applicable to persons appointed on the established staff.

Canvassing, directly or indirectly, will disquality.

Applications must be made on a form to be obtained from the County Planning Adviser, Broomfield Place. Broomfield, Chelmsford, to whom they should be returned as soon as possible.

JOHN B. LIGHTBURN, Clerk of the County Council.

WARWICKSHIRE COUNTY COUNCIL.
COUNTY PLANNING DEPARTMENT.
Applications are invited for the following appointments:
(a) SENIOR PLANNING ASSISTANT. A.P.T.,
Grade VII (£35 to £710 per annum).
(b) SENIOR PLANNING ASSISTANT. A.P.T.,
Grade VA (£50 to £510 per annum).
(c) PLANNING ASSISTANT. A.P.T., Grade
IV (£480 to £525 per annum).
(d) TWO PLANNING ASSISTANT.

Grade VA (£550 to £610 per annum).

(c) PLANNING ASSISTANT. A.P.T., Grade IV (£480 to £525 per annum).

(d) TWO PLANNING ASSISTANTS. A.P.T., Grade II (£420 to £465 per annum).

Applicants for post (a) must be Associate Members of the Town Planning Institute. The successful applicant will be responsible for the preparation of the Development Plan for approximately one-third of the County area, and will be stationed at Warwick. He should have had experience with a County Council or a Joint Planning Committee.

For post (b) preference will be given to applicants who have had experience in amenity preservation, i.e., tree proservation, advertisement control, landscaping, etc.

For the other appointments applicants should have passed the Intermediate examination of the Town Planning Institute, and should have a good general planning experience.

The appointments are subject to the provisions of the Local Government Superannuation Act, 1937, and the successful applicants will be required to pass a medical examination.

Applications, together with one recent testimonial, and giving the names and addresses of two persons to whom reference may be made, should be forwarded to J. J. Brooks. M.T.P.I., M.I.Mun.E., County Planning Officer. Shire Hall, Warwick, not later than Saturday, 5th February, 1949.

Canvassing, directly or indirectly, will be a disqualification.

L. EDGAR STEPHENS, Clerk of the Council.

Clerk of the Council.

The January, 1949.

COUNTY BOROUGH OF BURY.
Applications are invited for the following appointments in the Borough Engineer's and Surveyor's Department:

(a) QUANTITY SURVEYOR, at a salary not exceeding A.P.T., III (£450-£495). Applicants must be proficient in abstracting and billing: measuring up on site, and the preparation of final accounts.

(b) TWO ARCHITECTURAL ASSISTANTS. salary A.P.T., I (£390-£435). A knowledge of Building Quantities will be an advantage.

The appointments are subject to the Local Government Superannuation Act, 1337, and medical examples of training and an advantage.

examination.

Applications, stating age, details of training, qualifications and experience, together with the names and addresses of two referees, much forwarded to me, not later than 5th February, 1949. Canvassing will disqualify.

EDWARD S. SMITH,

Town Clerk.

Municipal Offices, Bank Street, Bury.

Municipal Offices, Bank Stgeet, Bury. 10th January, 1949. 1409

BOROUGH OF ILFORD.

BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

APPOINTMENT OF TECHNICAL STAFF.

(a) ABCHITECTURAL ASSISTANT (Permanent Establishment). A.P.T., Grade VI.

(b) JUNIOR ARCHITECTURAL ASSISTANT or ARCHITECTURAL STUDENT (Temporary), A.P.T., Grade I-IV.

Applications are invited for the following appointments on the staff of the Borough Engineer's Department:—

Applications are invited for the following appointments on the staff of the Borough Engineer's Department:—

(a) ARCHITECTURAL ASSISTANT (Permanent). Salary in accordance with Grade VI of the National Scales of Salaries, viz., £595-£669, plus £30 London weighting.

Applicant's should be registered Architects and Corporate Members of the Institute of British Architects; possess a thorough knowledge of architectural works, with practical experience in design and development of public buildings of all types, housing schemes, etc., the preparation of specifications, and be capable of supervising and controlling contracts.

(b) JUNIOR ARCHITECTURAL ASSISTANT (Temporary), or ARCHITECTURAL STUDENT (Temporary), at a commencing Grade between A.P.T., Grade I-IV, viz., commencing at £330. £420. £450 or £480 p.a., according to age, qualifications and experience. London weighting of £10, £20 or £30 per annum, according to age, is payable in addition.

Candidates for this appointment should be capable of preparing working drawings in connection with Council Flats, etc.

The appointments will be subject to one month's notice on either side, to the provisions of the Local Government Superannuation Act, 1937, and to the successful candidates passing a medical examination by the Medical Officer of Health. The appointments are whole-time ones, private practice being prohibited.

Forms of apolication in respect of appointment (a) may be obtained from the Borough Engineration and experience, with particulars of past and present employment, accompanied by copies of three recent testimenials, should be received by the undersigned not later than the 5th February, 1949.

K. F. B. NICHOLLS.

Town Hall, Ilford, Essex. January, 1949.

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HARLOW DEVELOPMENT CORPORATION.
APPOINTMENT OF ARCHITECTURAL AND
Applications are invited to fill vacancies for
ASSISTANT ARCHITECTS and ASSISTANT
PLANNERS on the Staff of the Chief Architect.
The scale of inclusive salary will be determined according to the qualifications and experience of the successful applicants, but will fail within the following limits:—£650 per annum, raing (subject to satisfactory service) by annual increment of £25 to £750, or £550 to £650, rising similarly.

rising (subject to satisfactory service) by annual increment of £25 to £750, or £550 to £650, rising similarly.

Applicants, who should be Associate Members of the R.I.B.A., and in the case of the Planning Staff have an appropriate qualification, should possess first-class ability, and imagination for work in a New Town which will include neighbourhood planning, industrial layout, design and erection of housing and public buildings, land-scape work, survey and large and small building contracts. Considerable experience in one or more of the above will be required.

A further vacancy exists for a JUNIOR ASSISTANT, who shall be a student of the R.I.B.A., capable of carrying out normal Drawing Office and site work. The salary will be determined according to age, i.e., £350 at age 21, £375 at 22, £40 at 23.

The appointments will be subject to Staff Rules and Conditions of Service and will, in particular, involve contributions to a superannuation fund either in accordance with the Local Government Superannuation Act, 1937, or an assurance scheme. The Corporation would, in suitable circumstances, consider the payment of a temporary subsistence allowance for a limited period to a successful applicant whose home is not within reasonable distance of Harlow New Town Area and would use its best endeavours to assist him to the contribution in the area.

Forms of application can be obtained from the Chief Architect. Harlow Development Corporation, "Terlings," Gilston, Harlow, Essex. Completed forms would be returned not later than the 7th February, 1949.

Canvassing, either directly or indirectly, will disqualify.

W. ERIC ADAMS,
General Manager.
Terlings, Gilston, Harlow, Essex. 1438

LONDON COUNTY COUNCIL.
PLANNING STAFF
Vacancies in the following grades (some per-

manent):—
ASSISTANT SENIOR PLANNING OFFICER.
25.000 to £1.200 a year.
PLANNING OFFICER. Grade I. £840 to 2900 a year.
PLANNING OFFICER, Grade II. £700 to 2240 a year.
PLANNING OFFICER, Grade III. £550 to

700 a year. TECHNICAL ASSISTANT (a) £440 to £580 year. TECHNICAL ASSISTANT (b). 55s. to 167s. 6d.

TECHNICAL ASSISTANT (b). 55s. to 157s. ed. a week.

Candidates for Grade III positions and above thould possess architectural, surveying or town planning qualifications, and will be engaged on either (a) Research; (b) Development Plan, and Survey; (c) Development applications, or (d) Reconstruction Areas and detailed planning.

For the junior positions, planning experience is not essential, but candidates should have a good general education, an aptitude for drawing, and an interest in town planning.

Full particulars and form of application obtainable from the Architect to the Council (P), The County Hall, Westminster Bridge, S.E.1 (enclose samped addressed foolscap envelope). (2212) 899

County Hall, Westminster Bridge, S.E.1 (enclose stamped addressed foolscap envelope). (2212) 899

SOMERSET COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited for the following posts in the County Architect's Department, viz. .(a) TWO ARCHITECTURAL ASSISTANTS.
A.P.T., Grade VI. Salary scale 253 to 2560.
(b) ONE ARCHITECTURAL ASSISTANTS.
A.P.T., Grade V. Salary scale 2530 to 2570.
(c) FOUR ARCHITECTURAL ASSISTANTS.
A.P.T., Grade IV. Salary scale 2480 to 2525.
(d) ONE QUANTITY SURVEYOR'S ASSISTANTS.
A.P.T., Grade IV. Salary scale 2480 to 5252.
(d) ONE QUANTITY SURVEYOR'S ASSISTANTS.
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(d) ONE QUANTITY SURVEYOR'S ASSISTANTS.
A.P.T., Grade IV. Salary scale 2480 to 2525.
(d) ONE QUANTITY SURVEYOR'S ASSISTANTS.
A.P.T., Grade IV. Salary scale 2530 to 2570.
Applicants for (a) must be Associate Members of the Royal Institute of British Architects.
Good experience will be given to applicants for (b) and (c) who are Associate Members of the Royal Institute of British Architects.

All the appointments will be subject to the Council Conditions and experience in force from time to time and to the provisions of the Local Government Superannuation Act, 1937, and any amendments thereof. The selected candidates will be required to pass a medical examination.

Applications, giving full details of age, qualifications and experience should be forwarded, together with copies of three testimonials towarded, together with copies of three testimonials towarded, together

Park Street, Taunton. 15th January, 1949.

CITY OF COVENTRY.

Applications are invited for the following wholetime appointments on the permanent staff of the
City Architectural Department:—
(a) TWO ASSISTANT ARCHITECTS. Salary
Grade A.P.T., VII (£635 to £710 per annum).
(b) TWO ASSISTANT ARCHITECTS. Salary
Grade A.P.T., V (£520 to £570 per annum).
Candidates for the above appointments should
be Associate Members of the Royal Institute of
British Architects, or hold equivalent qualifications.
(c) ONE ASSISTANT ARCHITECT. Salary
Grade A.P.T., II (£420 to £455 per annum).
(d) ONE ASSISTANT QUANTITY SURVEYOR, acting as Section Deputy. Salary Grade
A.P.T., VII (£635 to £710 per annum).
Candidates for (d) should be Professional
Associates of the Royal Institute of Chartered
Surveyors (Quantities Division)
(e) ONE HASTING AND VENTILATING
ENGINEERING ASSISTANT. Salary Grade
A.P.T., III (£450 to £495 per annum).
Salary increments are subject to satisfactory
service.
In certain cases housing accommodation will

Salary increments are subject to satisfactory service.

In certain cases housing accommodation will be available for successful applicants for posts (a), (b) and (d).

The posts are subject to one month's notice on either side, and to the provisions of the Local Government Superannuation Act, as amended in regard to annuities to widows by the Coventry Corporation Act, 1936, and a satisfactory certificate will be requisite from the Council's medical referee. The successful male applicants will be required to contribute to the Coventry Municipal Officers' Widows' and Orphans' Pension Fund.

Applications for all the above appointments must be made on the forms obtainable from the undersigned and should be returned completed, together with copies of not more than two recent testimonials, or names of two persons to whom reference may be made, not later than Tuesday, 8th February, 1949.

Canvassing, directly or indirectly, will be a disqualification.

D. E. E. GIBSON.

D. E. E. GIBSON.
City Architect.

Canvassing, directly or indirectly, will be a disqualification.

D. E. GIBSON.

City Architect.

14. Warwick Row, Coventry.

20th January, 1949.

COUNTY BOROUGH OF DARLINGTON
BOROUGH ARCHITECTS DEPARTMENT.

Applications are invited for the permanent appointment of an ASSISTANT ARCHITECT.

Salary Grade VI, £595-£660.

If required, the Corporation hope to be able to make a self-contained flat available for the successful candidate.

The appointment offers scope for good experience on all types of Municipal work, including Housing and Education. Preference will be given to candidate with such experience and possessing the recognized qualifications.

Applications, stating age, qualifications, present appointment and salary, together with previous experience, accompanied by two copies of recent testimonials and names and addresses of two referees, should be delivered to E. A. Tornbohm, AR.I.B.A., A.M.T.P.I. Borough Architect, Central Buildings, Darlington, not later than Monday, 31st January, 1949.

ESSEX EDUCATION COMMITTEE.

MIDESSEX TECHNICAL COLLEGE AND SCHOOL OF ART, CHELMSFORD.

Applications are invited for the, post of full-time LECTURER IN ARCHITECTURE, to assist in the instruction of Pull-time Day and Evening Students preparing for the Inter. and Final Examinations of the R.I.B.A.

Salary in accordance with the Assistants' Scale of the Burnham Further Education Report, with increments for approved professional and/or teaching experience.

Further particulars and application forms may be obtained (stamped addressed foolscap envelope) from the Clerk to the Governors, Mid-Essex Technical College, Market Road, Chelmsford, to whom completed application forms should be returned as soon as possible.

B. E. LAWRENCE,

COUNTY BOROUGH OF NORTHAMPTON.

Applications of the following appointments in

County Borough of Northampton.

Applications for the following appointments in the Borough Architect's Department, stating age, qualifications, experience, present post and salary, whether related to any member or senior officer of the Council, and giving the names of two persons to whom reference can be made should be delivered to J. L. Womersley, A.R.I.B.A., A.M.T.P.I.. Borough Architect and Town Planning Officer, not later than 3rd February, 1949.

(a) TWO ASSISTANT ARCHITECTS. Salary Grade A.P.T., III (£459.£495).

(b) TWO ARCHITECTURAL ASSISTANTS. Salary Grade Misc. I (£315-£360).

Candidates for appointments (a) should be experienced in the preparation of working drawings and estimates and in the writing of specifications for minor works of a general cubracter.

Candidates for appointments (b) should have had experience in the general duties of an Architect's Office and should be capable of producing working drawings and details under supervision. The work in hand includes new schools, flats, housing and miscellaneous works, and opportunities will be available for experience over a wide field. Previous employment in a Local Government Office is not essential.

Canvassing will disqualify.

C. E. VIVIAN ROWE,

Guildhall, Northampton.

BOROUGH AND COUNTY OF THE TOWN OF POOLE.

BOROUGH ENGINEER'S DEPARTMENT. Applications are invited for the following appointments, viz.—

(a) ARCHITECTURAL ASSISTANT. Grade II, A.P.T. Salary £402.645 per annum.

(b) ARCHITECTURAL ASSISTANT. Grade II, A.P.T. Salary £402.645 per annum.

Applicants for both appointments should have had experience in connection with new schools and preference will be given to those with a recognized professional qualification.

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

Canvassing, either directly or indirectly, is forbidden.

All applications must be submitted to the undersigned, together with the names of three gentlemen to whom reference may be made, and with the envelope suitably endorsed, not later than Wednesday, 2nd February, 1949.

Poole.

BOROUGH OF RICHMOND, SURREY.

Poole.

Poole.

Poole.

BOROUGH OF RICHMOND, SURREY.
TOWN PLANNING ASSISTANTS.
Applications are invited for the undermentioned appointments on the staff of the Borough Engineer and Surveyor:—
(1) TOWN PLANNING ASSISTANT. A.P.T., Grade IV.
The appointment is on the established staff at a salary in accordance with A.P.T. Division, Grade IV, of the National Scales of Salaries, i.e., 2480 p.a./£525 p.a., plus the appropriate London area weighting. The appointment is subject to the provisions of the National Scheme of Conditions of Service and the Local Government Superannuation Act, 1937. The successful candidate will be required to pass a medical examination.
(2) TOWN PLANNING ASSISTANT. A.P.T., Grade III.
The appointment is on the temporary staff, at a salary in accordance with A.P.T. Division, Grade III, of the National Scale of Salaries, i.e., 2450 p.a./£495 p.a., plus the appropriate London area weighting.

Applicants for the Grade IV appointment should have had previous Town Planning experience with a local authority, but this is not essential for the Grade III appointment.

Applications, stating age, qualifications and experience, with particulars of present and previous appointments, should be delivered, together with the names of two referees, to the undersigned not later than noon on Monday, 31st January, 1949.

Canvassing will disqualify. Candidates shall, when making application, disclose in writing whether to their knowledge they are related to any Member of the Council or Senior Officer.

The Council is unable to assist in the provision of housing accommodation.

CLIFFORD HEYWORTH,
Town Hall, Richmond, Surrey,
January, 1949.

The Council is unable to assist in the provision of housing accommodation.

CLIFFORD HEYWORTH.

Town Hall, Richmond, Surrey.

January, 1949.

1426

CORPORATION OF THE CITY OF GLASGOW.

ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of an Architectural Assistant on the temporary establishment.

Candidates should have good practical experience in the renovation, maintenance and reconstruction of house property, including sanitation and drainage, and be good draughtsmen. Experience in the design and construction of pumping stations would be an advantage.

The salary scale offered is £300-£570, and commencing salary will be determined by age, qualifications and experience.

Applications, stating age, qualifications, full details of training, present position and experience, together with copies of two recent testimonials or names of referees, should be lodged with the undersigned not later than Saturday, 5th February, 1949.

STANLEY D. CANVIN, M.Inst.C.E., General Manager.

Water Department, City Chambers, Glasgow, C.I.

10th January, 1949.

BOROUGH OF NEATH.

APPOINTMENT OF ARCHITECTURAL

ASSISTANT.

Applications are invited for the above-mentioned permanent appointment.

Candidates should have experience in preparation of Plans, Specifications and Bills of Quantities for Housing Schemes including Roads and Sewers. The salary will be A.P.T., IV. 2480 to 1525, by three annual increments of £15.

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

The appointment may be terminated by one month's notice on either side.

Applications, stating age, qualifications, experience, and accompanied by copies of three recent testimonials, should be sent to the undersigned. endorsed with the name of the appointment applied for, so as to be received not later than 12th February, 1949.

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LEEDS REGIONAL HOSPITAL BOARD.
Applications are invited for the under-mentioned appointments in the Architect's Section on the Headquarters Staff:—
TECHNICAL STAFF:
(a) ASSISTANT ENGINEER. Salary scale 2750-2900. Good experience of hospital heating and hot water installation design.

TECHNICAL STAFF:

(a) ASSISTANT ENGINEER. Salary scale 2750-2900. Good experience of hospital heating and hot water installation, design and operation, preparing technical reports, advising the Architect to the Board and, where required, designing such installations and supervising the work. Must be Corporate Members of either the Institute of Civil Engineers or the Institute of Mechanical Engineers.

of Civil Engineers or the Institute of Mechanical Engineers.

(b) ASSISTANT ELECTRICAL ENGINEER. Salary scale £685-£760. Good experience of hospital electrical work, design and operation, preparing technical reports, advising the Architect to the Board and, where required, designing and supervising electrical installations. Must he Corporate Member of Institute of Electrical Engineers.

(c) SENIOR ASSISTANT ARCHITECTS (two vacancies). Salary scale £635-£760. Must be registered architects and possess recognized architectural qualifications; good experience of hospital planning and construction; will be responsible for design and supervision of work under Architect to the Board.

panning and supervision of work under Architect to the Board.

(d) ARCHITECTURAL ASSISTANT. Salary scale £450-£525. Experience of preparing details, working drawings and surveying buildings. Must be registered architects and possess recognized professional qualifications. Preferably with some experience of hospital construction.

(e) JUNIOR SURVEYOR. Salary scale £480-£560. Experienced in preparation of Bills of Quantities, estimates and valuations, and settlement of accounts. Preference given to persons who have passed the Intermediate examination of the Royal Institute of Chartered Surveyors (Quantities Section).

(f) SENIOR LAND SURVEYOR. Salary scale £655-£780. Experienced in preparing measured drawings of existing work, surveying and leveling sites for new work, the acquisition of sites, and with a good experience of the law relating to land and property. Preference will be given to persons who are members of the R.I.C.S., Building Section, or who have similar qualifications.

(a) JUNIOR LAND SURVEYOR Section, or who have similar qualifications) JUNIOR LAND SURVEYOR. Salary so

(9) JUNIOR LAND SURVEYOR. Salary scale 2480-2525. Experienced in surveying sites and outldings, and capable of assisting the Senior Land Surveyor. Preference will be given to persons possessing suitable recognized qualifications.

Land Surveyor. Preference will be given to persons possessing suitable recognized qualifications.

The above appointments are superannuable and, in addition, successful candidates will be required to pass a medical examination.

Applications, stating age, details of experience and qualifications together with the names of three referees, to be forwarded to the Secretary, 29/31, Eastgate, Leeds, 2, not later than 7 days after publication of this advertisement.

Canvassing in any form, either directly or indirectly, will be a disqualification.

BURGH OF KILMARNOCK.

SENIOR ARCHITECTURAL ASSISTANT.

Applications are invited from persons who have had previous Municipal and housing experience for the post of Senior Architectural Assistant in the Department of the Burgh Architect and Town Planning Officer.

The salary will be Grade A.P.T., V (£520×215×215×220-2570 per annum).

Preference will be given to candidates with professional qualifications. Applicants must not exceed 46 years of age unless they are already contributory employees under the Local Government and Other Officers' Superanuation (Scotland) Act, 1937. War service may be deducted from present age to satisfy this condition.

The person selected for appointment will require to pass a medical examination, and on satisfying this condition will become a contributory employee under the above-mentioned Act.

Applications, accompanied by one copy of each of three recent testimonials, stating age, qualifications and experience, should be lodged with N. S. Sutherland, F.I.A.A. & S., Burgh Architect and Town Planning Officer. II. London Road, Kilmarnock, on or before 4th February, 1949.

W. L. WALKER, Town Clerk. Council Chambers, R 13th January, 1949.

THE URBAN DISTRICT COUNCIL OF CWMBRAN,
APPOINTMENT OF ARCHITECT.
Applications are invited for the post of ARCHITECT to the Council, at a salary in accordance with Grade VI of the Administrative, Professional and Technical Division of the National Salary Scales (£595-£660 per annum). The appointment is subject (1) to the provisions of the Local Government Superannuation Act, 1937; (2) to the passing of a medical examination; (3) to the Council's Scheme and Conditions of Service.
Applicants should be Members of the Royal Institute of British Architects or have other suitable professional qualifications.
Applications, giving age, education, qualifications, prosent position and experience, should be addressed to the undersigned in envelopes endorsed "Architect," nct later than the 7th day of February, 1949.

The Council may consider providing the successful applicant with housing accommodation.

KENNETH G. S. GUNN.

Council Offices, Cwmbran, Mon. 13th January, 1949.

WILTSHIRE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited from Qualified Members
of the Royal Institute of British Architects for
the appointment of ASSISTANT ARCHITECT in
the County Architect's Office. The salary will be
in accordance with Grade VII of the National
Scales, viz., £635 per annum, rising to a maximum
of £710 per annum.
The appointment is superannuable and subject
to medical examination, and is terminable by
one month's notice on either side. Canvassing
disqualifies.

The appointment is superannuanie and subject to medical examination, and is terminable by one month's notice on either side. Canvassing disqualifies.

Applications, on forms to be obtained from the County Architect, must be sent to the undersigned within two weeks from the date of the publication of this advertisement.

P. A. SELBORNE STRINGER,

Clerk of the County Council.

County Hall, Trowbridge.

14th January, 1949.

METROPOLITAN BOROUGH OF FULHAM.

HOUSING AND PUBLIC BUILDINGS

DEPARTMENT.

Applications are invited for the following appointments in the Housing and Public Buildings Department:

(a) SENIOR ASSISTANT ARCHITECT.

(b) ARCHITECTURAL ASSISTANT.

Candidates for appointment (a) must be Chartered or Registered Architects, with experience in the design and construction of blocks of flats and other buildings required by a Local Arthority.

Salary A.P.T.. Grade VI. £595-£660 per annum,

flats and other bullutings required.

Anthority.

Salary A.P.T., Grade VI, £595-£660 per annum, plus London weighting.

Candidates for appointment (b) should have reached the standard of the Intermediate examination of the R.I.B.A., and preference will be given to candidates possessing this qualification, and with previous local government experience.

tion, and with previous local government experience.
Salary A.P.T., Grade I, of the National Scales (£390×£15—£435 per annum), plus London weighting of £20 at ages 21 to 25, and £30 at age 26 and over.
The salary for candidates not holding this qualification or its equivalent will be in the General Division (£290 per annum at 25 years of age, rising to £385 per annum at 32 years of age—males), plus London weighting of £20 at ages 21 to 25, and £30 at age 26 and over.
Applications on the official form, which may be obtained from me on receipt of a stamped addressed envelope, must be returned not later than 4th February, 1949.

CYRIL F. THATCHER,
Town Clerk.

Town Hall, Fulham, S.W.6. January, 1949.

CARDIGANSHIRE COUNTY COUNCIL.
Applications are invited for the appointment
of a CLERK OF WORKS to supervise the erection of new Secondary Schools at Lampeter and
Tregaron. The inclusive wage will be £8 to £10
por week, according to experience and qualifica-

tions.

Applicants should have a good practical knowledge of all trades and experience in measuring
up and dealing with time sheets, delivery invoices,
and the general job book-keening. The appointment will be temporary for about 18 months,
and will be subject to four weeks' notice on either
side.

side.
Applications, stating age, present employment, qualifications, experience, and how soon the applicant can take up the appointment, together with two recent testimonials, should reach the Director of Education, 56, Portland Street, Aberystwyth, Cardiganshire, not later than 12th February, 1949.

RHYS JONES, F.R.I.B.A.,
County Hall, Aberaeron.

County Hall, Aberaeron. 14th January, 1949.

BOROUGH OF SOUTHGATE.
BOROUGH ENGINEER AND SURVEYOR'S
DEPARTMENT.
APPOINTMENT OF ARCHITECTURAL STAFF.
Applications are invited for the following
appointments in the Department of the Borough
Engineer and Surveyor:—
(d) CHIEF ARCHITECTURAL ASSISTANT.
A.P.T., VII-VIII.
(e) TWO ARCHITECTURAL ASSISTANTS.
A.P.T., V-VA.
(T) ARCHITECTURAL ASSISTANT. A.P.T.,
IV-V.
In all cases the appropriate "London weighting" will be paid, and the commencing and the

IV-V.

In all cases the appropriate "London weighting" will be paid, and the commencing salary will be at some point on the Lower Grade, such point to be fixed in accordance with the qualifications and experience of the successful candidate.

date.

For appointment (d) applicants must be Associate Members of the Royal Institute of British Architects or hold an equivalent qualification. For appointments (e) and (f) preference will be given to applicants who are Associate Members of that Institute or hold an equivalent qualification.

qualification.

Forms of application for each appointment may be obtained from the Borough Engineer and Surveyor, and should be returned clearly marked appointment (d) (e) or (f), as the case may be, to the undersigned not later than 9 a.m. on Monday, 7th February, 1949.

Canvassing, directly or indirectly, will be a disqualification.

GORDON H. TAYLOR.

Town Hall, Palmers Green, London, N.13.

11th January, 1949.

LEEDS REGIONAL HOSPITAL BOARD.
Applications are invited for the under-mentioned appointments in the Architect's Section on the Headquarters Staff:
TECHNICAL STAFF:
(a) ASSISTANT ENGINEER. Salary scale 2750-2900. Good experience of hospital heating and hot water installation, design and operation, preparing technical reports, advising the Architect to the Board and, where required, designing such installations and supervising the work. Must be Corporate Members of either the Institute of Civil Engineers or the Institute of Mechanical Engineers.

Civil Engineers of the Institute of Assault Engineers.

(b) ASSISTANT ELECTRICAL ENGINEER. Salary scale £685-£760. Good experience of hospital electrical work, design and operation, preparing technical reports, advising the Architect to the Board and, where required, designing and supervising electrical installations. Must be Corporate Member of Institute of Electrical Engineers.

and supervising electrical installations. Must be Corporate Member of Institute of Electrical Engineers.

(c) SENIOR ASSISTANT ARCHITECTS (two vacancies). Salary scale £635-£760. Must be registered architects and possess recognized architectural qualifications; good experience of hospital planning and construction; will be responsible for design and supervision of work under Architect to the Board.

(d) ARCHITECTURAL ASSISTANT. Salary scale £460-£525. Experience of preparing details, working drawings and surveying buildings. Must be registered architects and possess recognized professional qualifications. Preferably with some experience of hospital construction.

(e) JUNIOR SURVEYOR. Salary scale £486-£660. Experienced in preparation of Bills of Quantities estimates and valuations, and settlement of accounts. Preference given to persons who have passed the Intermediate examination of the Royal Institute of Chartered Surveyors (Quantities Section).

(f) SENIOR LAND SURVEYOR. Salary scale £635-£760. Experienced in preparing measured drawings of existing work, surveying and levelling sites for new work, the acquisition of sites, and with a good experience of the law relating to land and property. Preference will be given to persons who are members of the R.I.C.S., Building Section, or who have similar qualifications.

(g) JUNIOR LAND SURVEYOR. Salary scale £480-£525. Experience in surveying sites and buildings, and capable of assisting the Senior Land Surveyor. Preference will be given to persons possessing suitable recognized qualifications.

Applications, stating age, details of experience and qualifications, togester with the names of three referees, to be forwarded to the Secretary, 29/31, Eastgate, Leeds. 2, not later than 14 days after publication of this advertisement.

COUNTY BOROUGH OF GRIMSBY.

BOROUGH ENGINEER AND SURVEYOR'S

indirectly, will be a disqualification.

COUNTY BOROUGH OF GRIMSBY.
BOROUGH ENGINEER AND SURVEYOR'S
DEPARTMENT.
APPOINTMENT OF ARCHITECTURAL
ASSISTANTS.
Applications are invited for the following appointments of Architectural Assistants:
Grade A.P.T., V (2520, rising to 2570 per anum).
Grade A.P.T., IV (2420, rising to 2570 per anum).

A.P.T., IV (£480, rising to £525 per

Grade A.P.T., IV (£480, rising to £525 per annum).

The appointments are terminable by one month's notice on either side, and are also subject to the provisions of the Local Government Superannuation Act, 1937. The successful candidates will be required to pass a medical examination. Applications, stating age, qualifications and details of experience, together with copies of two recent testimonials, must be suitably endorsed and delivered to the undersigned not later than first post on Monday, 14th February, 1949. Applicants are requested to indicate in their application if housing accommodation is expected.

J. V. OLDFIELD,
Borough Engineer and Surveyor.
Municipal Offices, Town Hall Square, Grimsby.
14th January, 1949.

Municipal Offices, Town Hall Square, 1429

Amended Advertisement.
BOROUGH OF SOUTHALL.

APPOINTMENT OF TOWN PLANNING
ASSISTANT.

Applications are invited for the above appointment on the permanent staff of the Corporation, at a salary in accordance with Grade A.P.T., IV, of the National Scheme (£480×£15—£525), plus appropriate London weighting.
Candidates must hold a recognized Town Planning qualification.
The appointment is subject to one month's notice on either side, and to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination.
It is a condition of appointment that the successful applicant shall be a member of his appropriate trade union, professional organization, or other recognized body.

Applications on forms to be obtained from the Berough Engineer, Town Hall, Southall, must be returned to him on or before Monday, 7th February, 1949.
Canvassing will disqualify.

J. S. SYRETT.
Town Clerk's Office, Southall.

Town Clerk's Office, Southall. 10th December, 1948,

COMMONWEALTH OF AUSTRALIA.

DEPARTMENT OF WORKS AND HOUSING.
TECHNICAL OFFICER required for the Commonwealth Experimental Building Station, North Ryde, New South Wales. Salary £918-21,008 (Australian) per annum. Duties are the order aspects of heat transmission in buildings under direction of Senior Technical Officer. Applicants must be qualified Engineers or Physicists and possess a University Degree in Engineering or Science, and have had experience in instrumentation as applied to transmission of heat, and in electronics. Experience in research methods also desirables. Experience in research methods also desirables by air mail to the Director General, Department of Works and Housing, Box 2017AA. G.P.O., Melbourne, by 24th February, 1949.

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n Clerk.

1949. 13th January, 1949.

BOROUGH OF BACUP.

ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant in the Office of the Borough Engineer and Surveyor.

Applicants must have had sound training by pupilage and had previous experience in the design and construction of building works, particularly in relation to housing. Preference will be given to persons qualified by the examination of the R.I.B.A.

The salary will be in accordance with Grade IV A.P. & T. Division of the National Scales of Salaries (2480 x £15 — £525 per annum).

The appointment will be subject to one month's notice in writing on either side at any time to the provisions of the Local Government Superannation Act, 1937, and the National Joint Council's Scheme of Conditions of Service, and to the selected candidate passing a medical examination.

Housing accommodation will be found by the Council for the successful candidate, if a married man and coming from outside the Borough.

Applications, stating age, qualifications, past and present appointments, with details of experience, together with copies of two recent testimonials, should be sent to the undersigned not later than Saturday, 5th February, 1949.

C. G. EVERATT,

Town Clerk.

C. G. EVERATT, Town Clerk.

Municipal Offices, Bacup. 15th January, 1949.

18th Janu

within the scales, according to quantitations and experience.

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

Applications, appropriately endorsed, stating age, qualifications, experience, present and past appointments, together with the names of two persons to whom reference can be made, should be delivered to the Borough Engineer and Surveyor, Town Hall. West Bromwich, not later than Saturday, the 12th February, 1949.

H. SCHOFFELD, B.Sc.(Eng.),

H. SCHOFIELD. B.Sc.(Eng.),
A.M.I.C.E.,
Borough Engineer and Surveyor.
Town Hall, West Bromwich.
14th January, 1949.
1458

BOROUGH OF ILFORD.

BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

APPOINTMENT OF QUANTITY SURVEYING ASSISTANT (GRADE VI).

Applications are invited for the position of TEMPORARY QUANTITY SURVEYING ASSISTANT, at a salary in accordance with Grade VI of the National Scales of Salary, viz., £995 by two increments of £20 and one of £25 to £660 per annum, plus £30 London weighting at age 26 or over.

Candidates should be experienced in the pre-paration of Bills of Quantities for Municipal buildings, cost statistics and estimates. Interim and Final Bills, measurement and adjustment of

and Final Bills, measurement and adjustment of sub-contracts. The appointment will be subject to one month's notice on either side, to the provisions of the Local Government Superannuation Act. 1937 the National Scheme of Conditions of Service, and to fine passing of a medical examination to the satisfaction of the Medical Officer of Health. The appointment is a whole time one, private practice being prohibited.

Forms of application may be obtained from the Borough Engineer, Town Hall, Ilford, and should be returned to the undersigned not later than the 12th February, 1949.

K. F. B. NICHOLLS,
Town Hall, Ilford, Essex.

Town Hall, Ilford, Essex. January, 1949.

CROWN AGENTS FOR THE COLONIES.

Applications from qualified candidates are invited for the following post:

JUNIOR CIVIL ENGINEERING DRAUGHTS-MAN required for British Soloman Islands. Salary £(Fiji)475 a year, plus allowances amounting to £(Fiji)47 a year (present rate of exchange for fiji)47 a year (present rate of exchange £(Fiji)47 a year (present rate of experience as Civil Brailing this paper, to the Crown Agents for the Colonies, 4, Milibank, London, S.W.1, quoting M/N/23987 (3D) on both letter and envelope. 1459 ESSEX EDUCATION COMMITTEE.

SOUTH-WENT ESSEX TECHNICAL COLLEGE AND SCHOOL OF ART.

FOREST ROAD, WALTHAMSTOW, E.17.

The Governors invite applications for the full-time post of Lecturer in Surveying Subjects. Ability to take classes in Heating, Ventilating, Drainage and Sanitation, and/or Quantity Surveying and Land Surveying and Levelling will be an advantage. The post is one of special responsibility, primarily for the supervision of the full-time day and evening courses for the examinations of the Royal Institution of Chartered Surveyors.

Salary in accordance with the Assistants' Scale of the Burnham Further Education Report. In fixing the basic salary, up to twelve increments may be allowed for suitable professional experience. This post, will also carry a Special Responsibility allowance.

Applications (no forms), giving full particulars of training, qualifications and experience, should be submitted to the Clerk to the Gogernors, at the College, within two weeks of the appearance of this advertisement.

B. E. LAWRENCE, Chief Education Officer.

County Offices, Chelmsford.

COUNTY BOROUGH OF EAST HAM.

APPOINTMENT OF ASSISTANT PLANNING OFFICER.

Applications are invited for the permanent appointment of Assistant Planning Officer (Grade A.P.T.111), Salary £450 to £495 per annum plus London weighting, in the Town Planning Section of the Borough Engineer's Department.

annum plus London weighting, in the Town Planning Section of the Borough Engineer's Department.

A salary in excess of the minimum of the grade may be paid according to qualifications and experience.

Candidates must be competent draughtsmen and have general knowledge and experience of Town Planning Work.

Housing accommodation is not provided but the Council will be prepared to consider an application for subsistence allowance in an appropriate case if the person appointed is unable to obtain suitable accommodation.

Application form, obtainable from the undersigned, must be returned not later than the February, 1949.

Canvassing in any form will be a disqualification.

H. A. EDWARDS, Town Clerk.

Town Hall, East Ham, E.6. January, 1949.

### Partnerships and Financial

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

CHARTERED ARCHITECT (Dip.Arch.), seeks responsible appointment, with prospect of early partnership; full détails on application. Box 1239.

DIP.ARCH., Dip.T.P., F.R.I.B.A., A.M.T.P.I. (aged 36), requires Partnership or Practice; anywhere except London area considered; limited capital only available. Box 1391.

### Architectural Appointments Vacant

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

P. BENNETT & SON have vacancy for ARCHITECTURAL ASSISTANT; salary according to experience. Write, giving full details. to 43. Bloomsbury Square, W.C.1. 1233

PROGRESSIVE appointment, with prospect of early Partnership, offered to capable and energetic qualified ARCHITECTURAL ASSISTANT (30/40) in private general practice near London (E.), with country connections; design, surveying and levelling, and some knowledge of quantities; minimum salary £500. Box 246.

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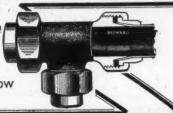
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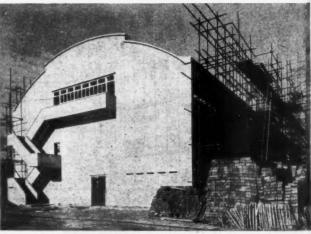
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