

THE ARCHITECTS' JOURNAL

STACK



standard contents

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

NEWS and COMMENT

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Architectural Appointments
Wanted and Vacant

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

AA	Architectural Association, 34/6, Bedford Square, W.C.1.	Museum 0974
AAI	Association of Art Institutions. Secy.: W. Marlborough Whitehead, "Dyneley," Castle Hill Avenue, Berkhamstead, Herts.	
ABS	Architects' Benevolent Society. 66, Portland Place, W.1.	Welbeck 5721
ABT	Association of Building Technicians. 5, Ashley Place, S.W.1.	Victoria 0447-8
ACGB	Arts Council of Great Britain. 9, Belgrave Square, S.W.1.	Sloane 0421
ADA	Aluminium Development Association. 33, Grosvenor Street, W.1.	Mayfair 7501/8
APRR	Association for Planning and Regional Reconstruction. 34, Gordon Square, W.C.1.	Euston 2158-9
ArchSA	Architectural Students' Association. School of Architecture, Manchester Municipal School of Art, All Saints, Manchester, 14	Ardwick 3480
ARCUK	Architects' Registration Council. 68, Portland Place, W.1.	Welbeck 9738
ASB	Architectural Science Board of the Royal Institute of British Architects. 66, Portland Place, W.1.	Welbeck 5721
AScW	Association of Scientific Workers. 15, Half Moon Street, Piccadilly, W.1.	Grosvenor 4761
BAE	Board of Architectural Education. 66, Portland Place, W.1.	Welbeck 5721
BATC	Building Apprenticeship and Training Council. Lambeth Bridge House, S.E.1.	Reliance 7611, Ext. 1706
BC	Building Centre. 9, Conduit Street, W.1.	Mayfair 8641/6
BCC	British Colour Council. 28, Sackville Street, W.1.	Regent 3613
BCCF	British Cast Concrete Federation. 17, Amherst Road, Ealing, W.13.	Perivale 6869
BCIRA	British Cast Iron Research Association. Alvechurch, Birmingham.	Redditch 716
BDA	British Door Association. 25, Victoria Street, S.W.1.	Abbey 5422-3
BEDA	British Electrical Development Association. 2, Savoy Hill, W.C.2.	Temple Bar 9434
BGC	British Gas Council. 1, Grosvenor Place, S.W.1.	Sloane 4554
BGF	British Gas Federation. 1, Grosvenor Place, S.W.1.	Sloane 8266
BIA	British Ironfounders' Association. 145, Vincent Street, Glasgow, C.2.	Glasgow Central 2891
BIAE	British Institute of Adult Education. 29, Tavistock Square, W.C.1.	Euston 5385
BID	Building Industries Distributors. 52, High Holborn, W.C.1.	Chancery 7772
BINC	Building Industries National Council. 11, Weymouth Street, W.1.	Langham 2785
BOT	Board of Trade. Millbank, S.W.1.	Whitehall 5140
BRS	Building Research Station. Bucknalls Lane, Watford.	Garston 2246
BSA	British Steelwork Association. Eggington House, Buckingham Gate, S.W.1.	Victoria 7301-2-3
BSA	Building Societies Association. 14, Park Street, W.1.	Mayfair 0515
BSI	British Standards Institution. 28, Victoria Street, S.W.1.	Abbey 3333
CAS	County Architects Society. C/o A. Guy Chant, F.R.I.B.A. Salop County Council, 5, Belmont, Shrewsbury.	Shrewsbury 3031
CCA	Cement and Concrete Association. 52, Grosvenor Gardens, S.W.1.	Sloane 5255
CDA	Copper Development Association. Kendals Hall, Radlett, Herts.	Radlett 5616
CIAD	Central Institute of Arts and Design. C/o National Gallery, W.C.2.	Whitehall 2415
CIAM	Congres Internationaux d'Architectures Modernes. Dolderal, 7, Zurich, Switzerland.	Whitehall 6322
CID	Council of Industrial Design. Tilbury House, Petty France, S.W.1.	Whitehall 6322
CPC	Codes of Practice Committee. MOW, 42, Onslow Gardens, S.W.7.	Kensington 7070
CPRE	Council for the Preservation of Rural England. 4, Hobart Place, S.W.	Sloane 4280
CUJC	Coal Utilization Joint Council. 54, Victoria Street, S.W.1.	Victoria 9851
DIA	Design and Industries Association. 9, Conduit Street, W.1.	Mayfair 5432
DOT	Department of Overseas Trade. 35, Old Queen Street, S.W.1.	Victoria 9040
EC	Electricity Commission. Savoy Court, Strand, W.C.2.	Temple Bar 7565
EJMA	English Joinery Manufacturers Association (Incorporated). Sackville House, 40, Piccadilly, W.1.	Regent 4448
EPNS	English Place-Name Society. 7, Selwyn Gardens, Cambridge.	
FAS	Faculty of Architects and Surveyors. 8, Buckingham Palace Gdns., S.W.1.	Sloane 2837
FASSC	Federation of Association of Specialists and Sub Contractors. 21, Tothill Street, S.W.1.	Whitehall 9606
FBI	Federation of British Industries. 21, Tothill Street, S.W.1.	Whitehall 6711
FC	Forestry Commission. 25, Savile Row, W.1.	
FCMI	Federation of Coated Macadam Industries. 37, Chester Square, S.W.1.	Sloane 1002
FDMA	Flush Door Manufacturers Association. Stapleford Road, Trowell, Nottingham.	Ilkeston 623/4/5
FLD	Friends of the Lake District. Pennington House, Nr. Ulverston, Lancs.	Ulverston 201
FMB	Federation of Master Builders. 26, Great Ormond Street, Holborn, W.C.1.	Chancery 7583
FRHB	Federation of Registered House Builders. 82, New Cavendish Street, W.1.	Langham 4041
FS (Eng.)	Faculty of Surveyors of England. 8, Buckingham Palace Gdns., S.W.1.	Sloane 2837
GG	Georgian Group. 27, Grosvenor Place, S.W.1.	Sloane 2844
HC	Housing Centre. 13, Suffolk Street, Pall Mall, S.W.1.	Whitehall 2881

No. 2739]

[Vol. 106

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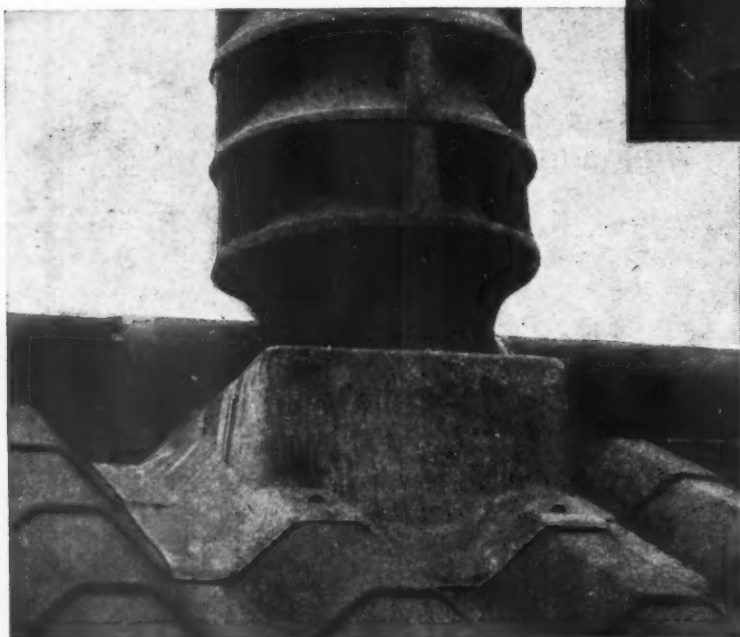
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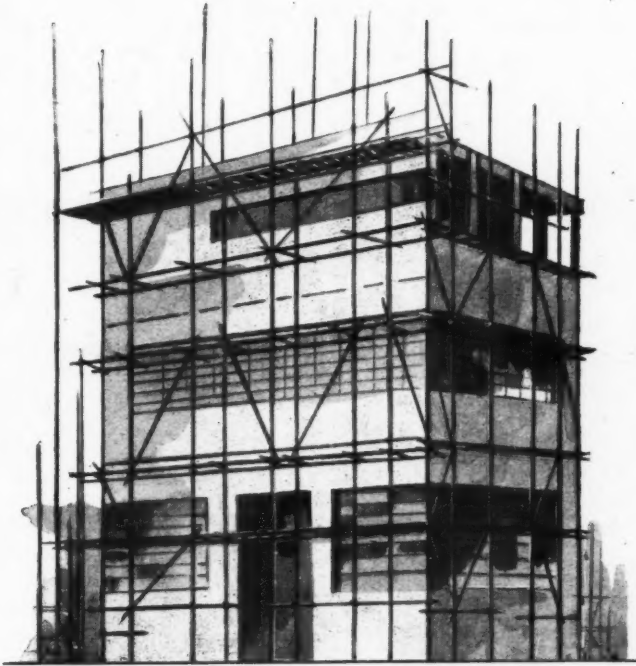
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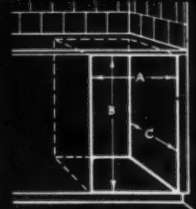
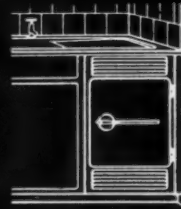
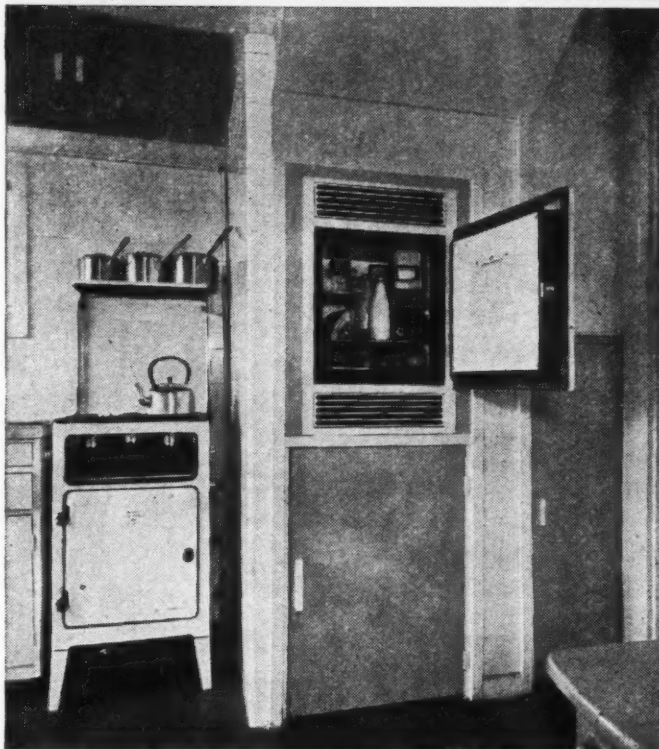
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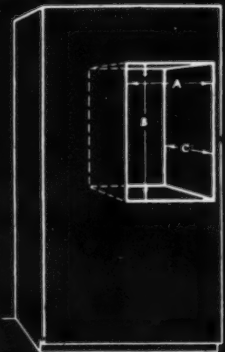
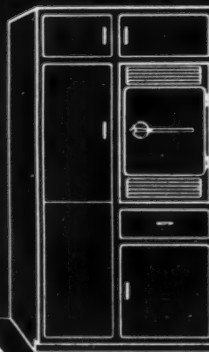
* Electrolux 'built-in' Refrigerators operate equally well by gas or electricity



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OF RECESS DIMENSIONS FOR BUILDING-IN

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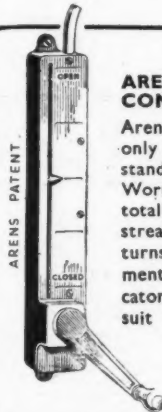
had the answer....

The most brilliant and far-seeing genius the world has known excelled at painting, music, sculpture, aeronautics, architecture, mathematics, hydraulics. Leonardo da Vinci lived nearly 500 years ago, yet his engineering innovations are still of great importance to-day.



A similar refusal to wait for the ideas of the man round the corner is behind the development of Arens Controls, which provide answers to the window control problems encountered by modern architects. Batteries of top-hung ventilators, roof-lights or tall windows respond silently and smoothly to an easily operated slide or handle. The neat simplicity of Arens regulators agrees with the contemporary interior.

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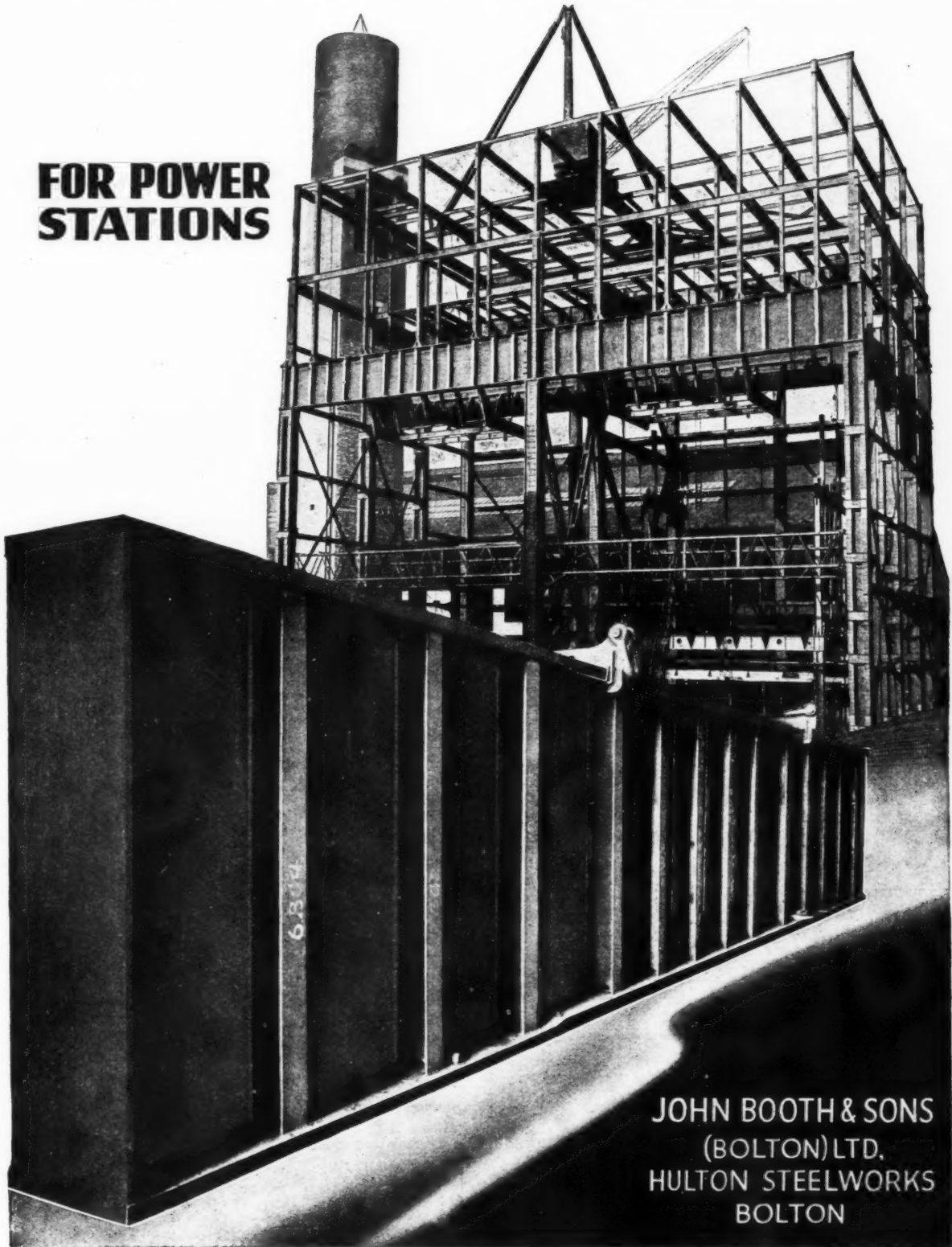


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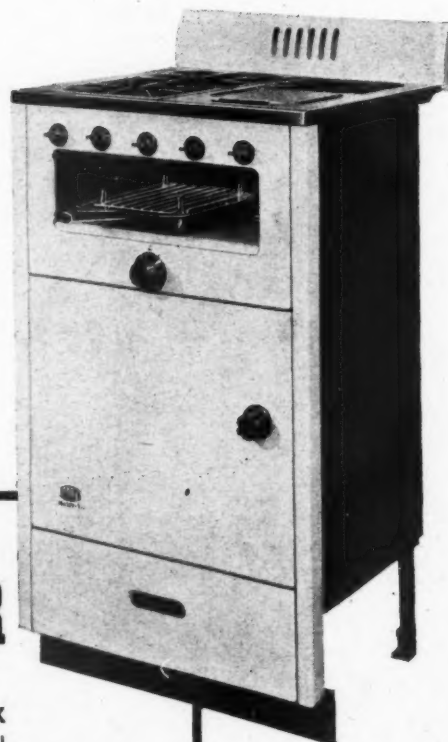
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The illustration above shows the 177 Inset Cooker with standard units of modern kitchen furniture.

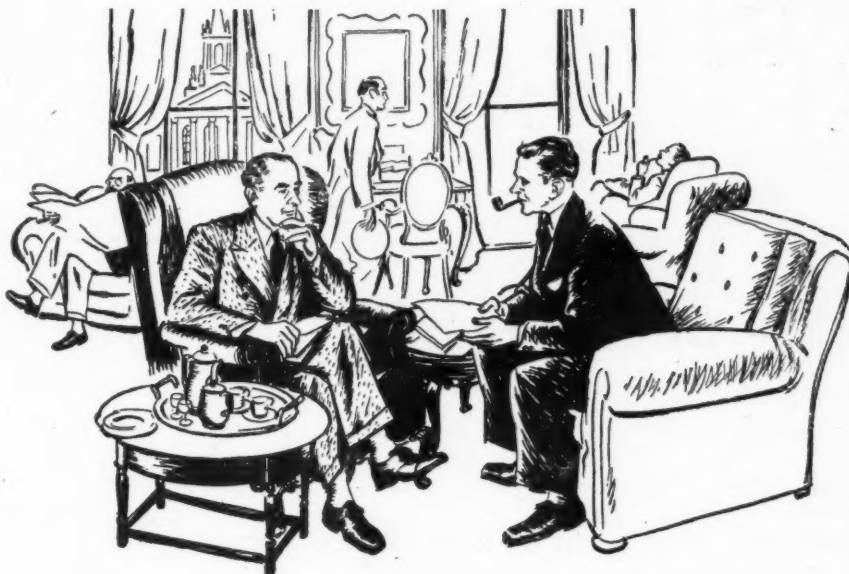
a modern *space-saving* cooker designed on the unit principle

THE MAIN 177 INSET COOKER is principally of pressed steel construction and designed to meet the increasing trend towards compactness and labour-saving simplicity in kitchen planning ... it is 36" high from floor to hot-plate; 19" back to front; and 21" wide, and fits in snugly with modern unit kitchen furniture ● One of its well-planned features is the flue outlet, located on the back bridge. Waste oven heat is discharged through the vertical slots in its front face, which direct the products of combustion clear of the wall ● The side panels are of rust-resisting, galvanised sheet steel, finished in stove black. Visible surfaces are in best quality vitreous enamel, hard wearing and easy to clean ● Other features—standard on all Main cookers—are quick-heating burners, spring-loaded taps to prevent accidental turning, and numbered Mainstat cooking control ● Choice of finishes: dapple and white, cream and black.



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“Of course they made a special effort for an urgent case. But they're nearly as quick in the normal way. That's because they do all the *slow* part of the job in advance—personally interview every candidate, note his experience and qualifications, carefully assess and classify his abilities. So that when you need a man or woman for a responsible job, all the preliminary sifting

has already been done for you—you're saved days and weeks. I'd say that any employer who doesn't use the Appointments Offices is missing an extremely valuable and trouble-saving service . . .”

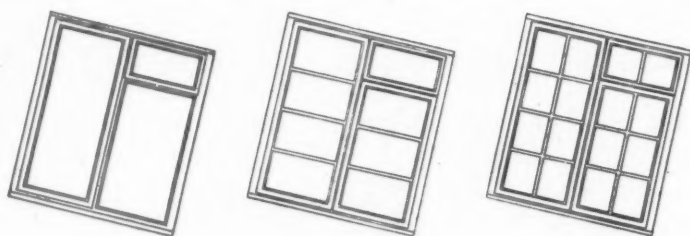
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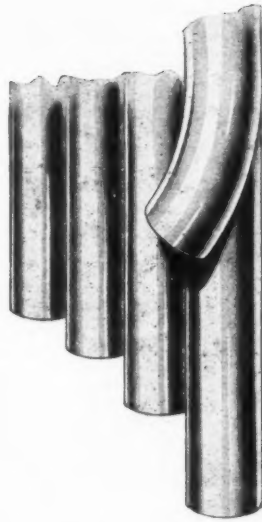
EJMA is the Certification Trade Mark of the English Joinery Manufacturers Association Incorporated and may only be applied to joinery by virtue of a certificate issued by the Council of the Association. The Secretary will be glad to supply the names of member firms, many of whom can give prompt delivery of EJMA windows.

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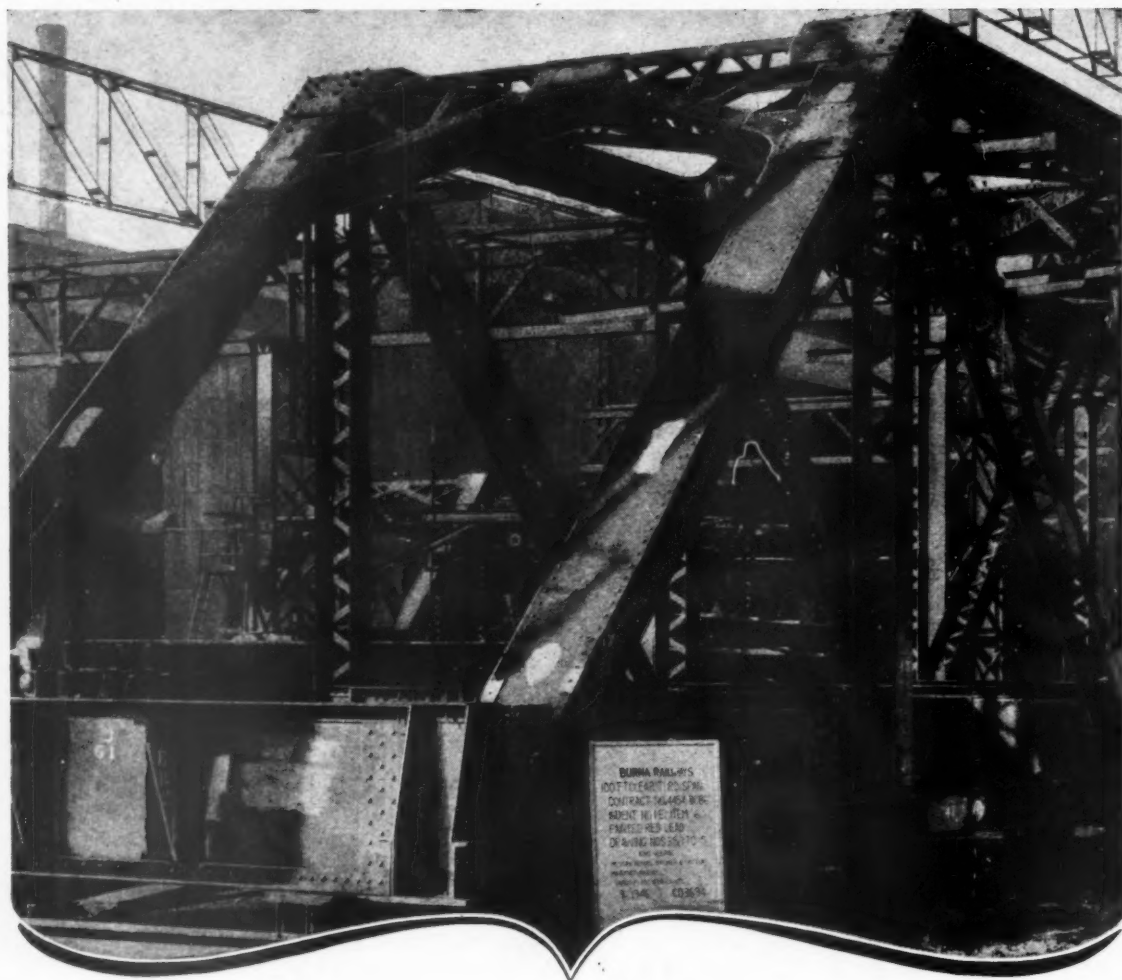
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towards a solution
of the tube problem

Serck  Tubes

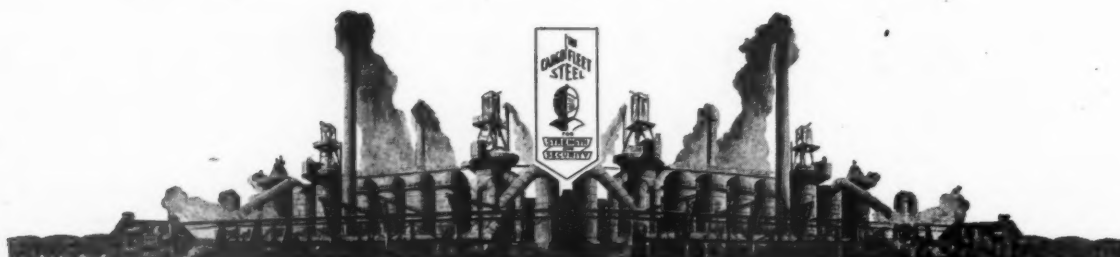
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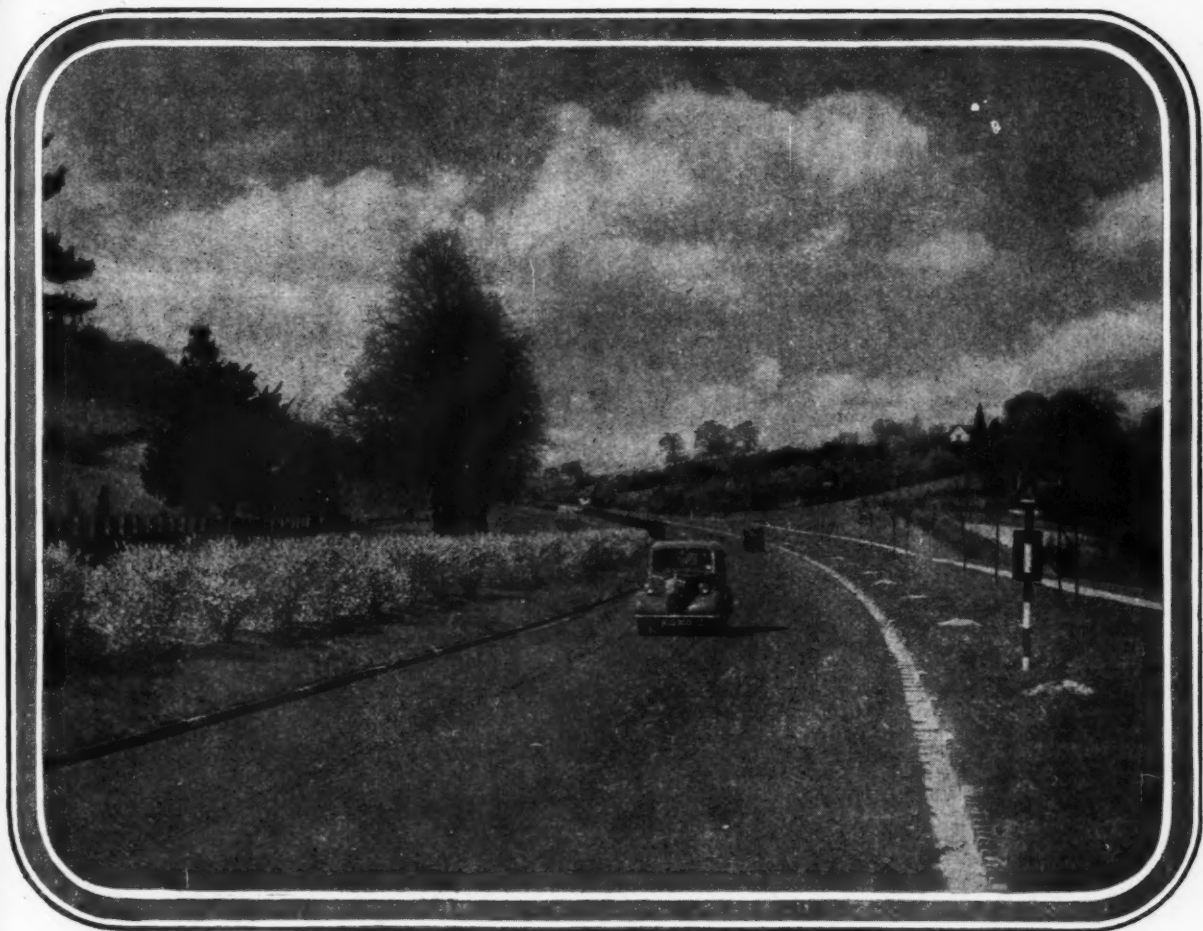


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The Road Beautiful

The "Illustrated Sporting and Dramatic News" in a recent article on the beautifying of highways, said of stretches of the Henley-Oxford Road . . .

" . . . there is a master touch about this road which has given equal satisfaction to the road user and to those who wish to preserve the amenities of this delightful area of South Oxfordshire. May it serve as a model to those whose task it is to make the roads both safe and truly beautiful."

We should like to add that, coupled with his aim "to build serviceable, safe roads, and at the same time to preserve the beauty of the landscape", the County Surveyor formed the carriageways of Coated Macadam.

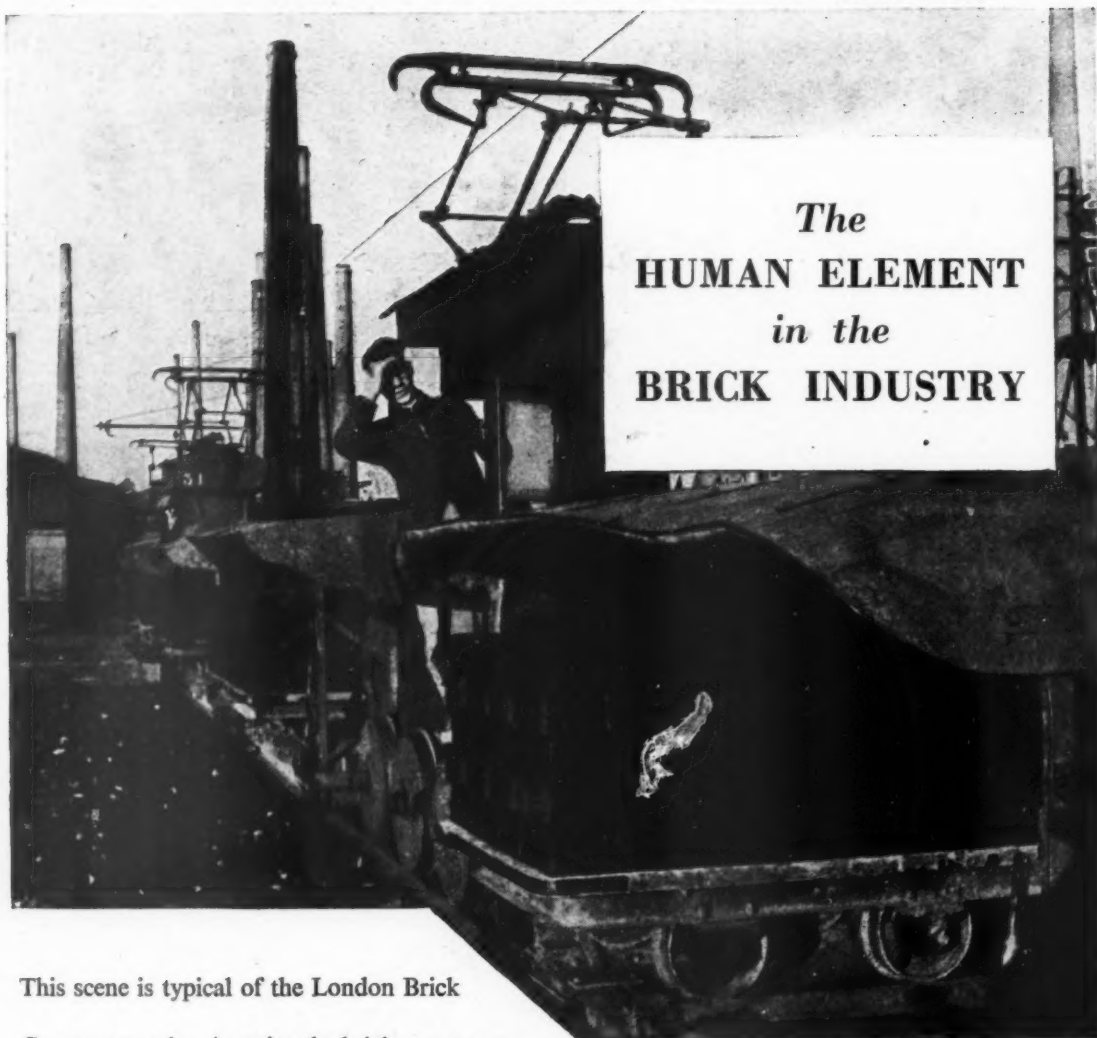
Coated Macadam for Appearance



Issued by the Federation of Coated Macadam Industries

FCMI

37, Chester Square, London, S.W.1. Telephone: Sloane 1002



The
HUMAN ELEMENT
in the
BRICK INDUSTRY

This scene is typical of the London Brick Company works. As units, the bricks must sometimes be handled by manual labour — both in the green and in the burnt state. In bulk, they are invariably handled by machines. But whether he is a machine operative, or a manual labourer, the London Brick Company employee enjoys the best possible working conditions. His welfare is regarded as a matter of paramount importance, and every provision is made for his recreation and relaxation.

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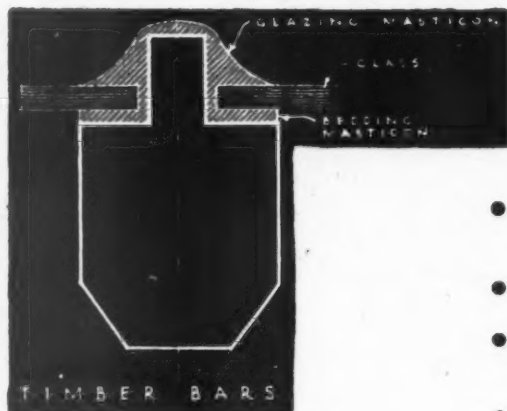
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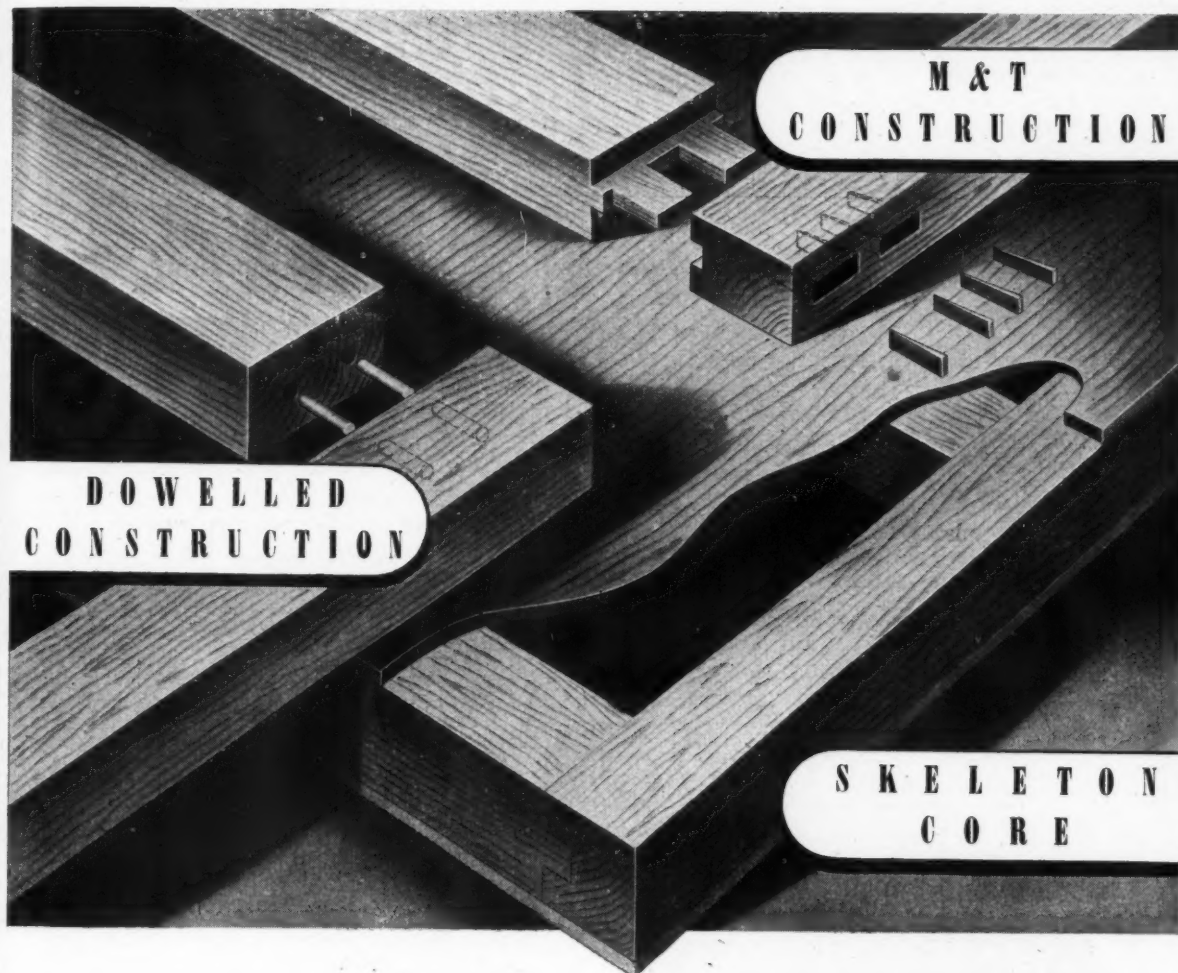
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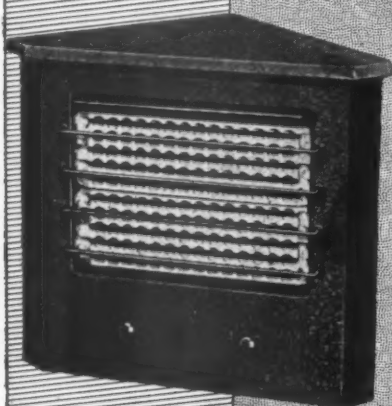
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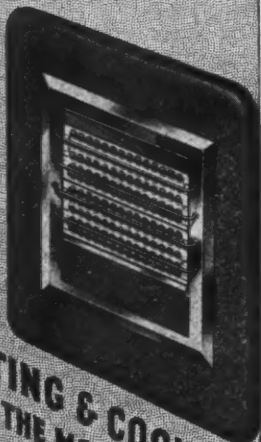
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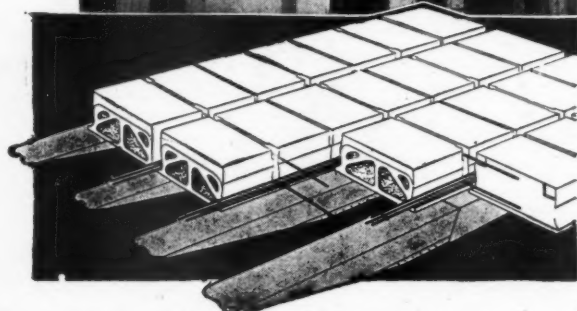


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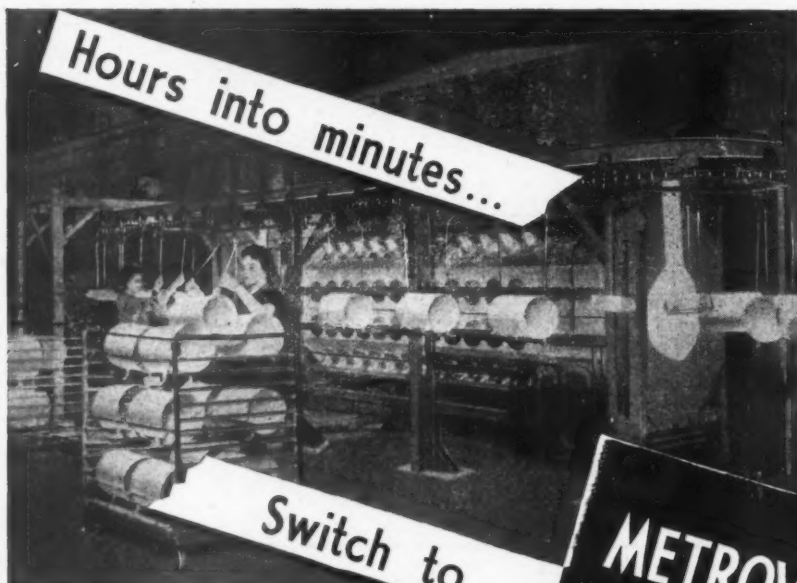


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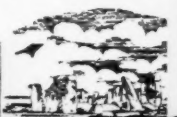
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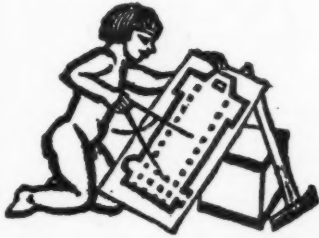
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In common with every other periodical this JOURNAL is rationed to a small part of its pre-war needs of paper. Thus a balance has to be struck between circulation and number of pages. We regret that unless a reader is a subscriber we cannot guarantee that he will get a copy of the JOURNAL. Newsagents now cannot supply the JOURNAL except to a "firm order."

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DIARY FOR AUGUST SEPTEMBER AND OCTOBER

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

BBC. John Summerson and H. S. Goodhart-Rendel. *Wren's City Churches*. Discussions will centre on particularly St. Stephen's, Walbrook. This is the second of a number of programmes devoted to individual works of art, in which the two speakers will be an art historian and a practising artist. Normally in each case the work of art to be dealt with will be illustrated in the *Radio Times*. 10.15 to 10.45 p.m. AUG. 16

BRISTOL. *Building Science Exhibition*. At George Wills Museum. (Sponsor, ISIR.) OCT. 20-NOV. 1

CAMBRIDGE. *Timber Technology Instructor's Course*. At Cambridge University, under the direction of E. H. B. Boulton, Technical Director and Education Secretary of TDA. Among the lectures to be given are: Dr. W. P. K. Findlay, *Fungi*; R. Goat, *Mensuration*; P. Harris, *Sawmilling*; E. Pinto, *Adhesives*; P. O. Reece, *Mechanical Properties of Timber*; Mr. Stevens, *New Aspects of Seasoning*. (Sponsor, TDA.) AUG. 15-23

Building Science Exhibition. (Sponsor, DSIR.) AUG. 18-30

CARDIFF. *Building Science Exhibition*. (Sponsor, DSIR.) SEPT. 29-OCT. 11

DARMSTADT. *International Congress for Engineering Education at Darmstadt*. An International Meeting, dealing with problems of technical education. Eminent scientists and engineers from all countries will present papers. (Sponsor, Technische Hochschule, Darmstadt.) UNTIL AUG. 9

EDINBURGH. *Enterprise Scotland 1947*. An exhibition of industrial design. At the Royal Scottish Museum, Edinburgh. (Sponsors, Scottish Committee of the CID.) AUGUST 25-SEPT. 30

LONDON. *Royal Society of British Artists Summer Exhibition*. At Suffolk Street Galleries, Pall Mall, S.W.1. (Sponsors, RSBA.) UNTIL AUG. 7

News of the World Home Making Exhibition. At the Horticultural Hall, Westminster. 10 a.m. to 6 p.m. (Tuesdays and Thursdays to 8 p.m.) UNTIL AUG. 8

Australian Textile Design. Exhibition of furnishing fabrics with Australian aboriginal, plant, flower, and animal motifs. At Australia House, Strand, W.C.2. UNTIL AUG. 9

Industrial Wales. An All-Wales and Monmouthshire Exhibition. At Olympia. The main purpose of the exhibition is to make more widely known the importance of Wales as an existing and potential industrial centre, and to demonstrate the wide variety of products now manufactured there. (Sponsor, Industrial Association of Wales and Monmouthshire.) AUG. 28-SEPT. 13

Twenty-second Building Exhibition, 1947. At Olympia. (Sponsors, H. Greville Montgomery, A.R.I.B.A. (HON.) and Hugh R. C. Montgomery, M.C.) NOV. 19-DEC. 4

MAIDSTONE. J. C. Browne. *Paint*. At the Maidstone Technical Institute. (Sponsor, South-Eastern Society of Architects, Tunbridge Wells Chapter, Maidstone Group.) 7 p.m. AUG. 20

E. H. B. Boulton. *Timber. Its Properties, Defects, Preservation and Uses*. At the Maidstone Technical Institute. (Sponsor, South-Eastern Society of Architects, Tunbridge Wells Chapter, Maidstone Group.) 7 p.m. SEPT. 17

OXFORD. *Building Science Exhibition*. At the Electricity Showrooms. (Sponsor, DSIR.) UNTIL AUG. 9

SOUTHAMPTON. *Building Science Exhibition*. At the Art Gallery, Civic Centre. (Sponsor, DSIR.) SEPT. 6-20

SURBITON. *Art in England*. Summer School. At Hillcroft College, South Bank, Surbiton, Surrey. UNTIL AUG. 9

THE HAGUE. *Fuel Economy Conference*. Particulars from the British National Committee, World Power Conference, 201-2, Grand Buildings, Trafalgar Square, London, W.C.2. SEPT. 2-9

WESTON-SUPER-MARE. *Exhibition of Plans and Models for the Redevelopment of the Borough by Clough Williams-Ellis and Lionel Brett*. Official opening by Lewis Silkin, M.P., August 13, 3 p.m. AUG. 13-31

NEWS

THURSDAY, August 7, 1947
No. 2739 VOL. 106

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Though no feature in the JOURNAL is without value for someone, there are often good reasons why certain news calls for special emphasis. The JOURNAL's starring system is designed to give this emphasis, but without prejudice to the unstarred items which are often no less important.

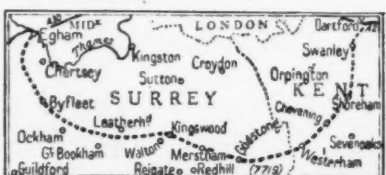
★ means spare a second for this, it will probably be worth it.

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

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

Surrey County Council has approved an amended route for the section of the proposed SOUTH ORBITAL ROAD between Egham Bridge and the Kent boundary near Titsey.

The proposed route is from Egham, between Thorpe and Virginia Water to the Chertsey road, then via New Haw, Byfleet, over the existing Ockham Common road and north of Great Bookham Common to Fetcham, next skirting Kingswood, Merstham, Godstone, Oxted, and Westerham, and finally running north-east past Chevening, Shoreham, and Swanley. The amended route passes over a greater length of Walton Heath than that originally proposed. The scheme is estimated to cost about £6,000,000.



"The Times" map showing the route.

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From AN ARCHITECT'S Commonplace Book

FUNDAMENTALS. [From Le Corbusier, 1938-1946, Les Editions d'Architecture Erlenbach-Zurich.] Reality means man-power, available building materials, time and money . . . Facts to which the academic solutions can no longer be applied, facts which demand new ideas of the architect and the town-planner. To create anew, it is necessary to start afresh, not in a negative way, but to ask: "What is it all about?" And so we find ourselves faced with the difficulty of how to house human beings. What manner of men are these? What are their customs and habits? How do they live? Singly, in couples, in families, or in a community? What sort of work are they doing? How do they divide the hours of their day, the days of the year? What is the aim of their existence? What kind of recreation and what ideals have they? It is obvious that these practical questions must be answered and thus the architect's profession becomes very much that of a social worker: all the more so since he must devote himself to town-planning.

★ *The Minister of Town and Country Planning proposes to BUILD A NEW TOWN, with a population of 25,000, at Bracknell, between Windsor and Reading.*

It is explained that Bracknell will not be a new town in the strictest sense. A memorandum published recently on the Greater London Plan proposed to extend certain towns for the relief of population, and Bracknell is one of these. Certain London boroughs and Berkshire planning authorities have been discussing the proposals, which are a part alternative to the original White Waltham scheme.

new application made which will not conflict with amenity. The firm's original application for permission to extend its excavations was rejected by Midhurst Rural Council. The firm appealed, and an inquiry was held by the Ministry of Town and Country Planning. More than 2,000 people petitioned against the proposal, and there was opposition from the Council for the Preservation of Rural England and other bodies.



At the request of the Devon County Council the GWR are to construct a new BRIDGE NEAR TOTNES to carry the Totnes By-pass road over its main line.

The bridge superstructure will consist of a single reinforced concrete skew span of 62 ft. with parapet walls of local stone, the substructure being mass concrete with local stone facings. The bridge will carry a 30-ft. wide roadway, with two 5 ft. footpaths.

★★

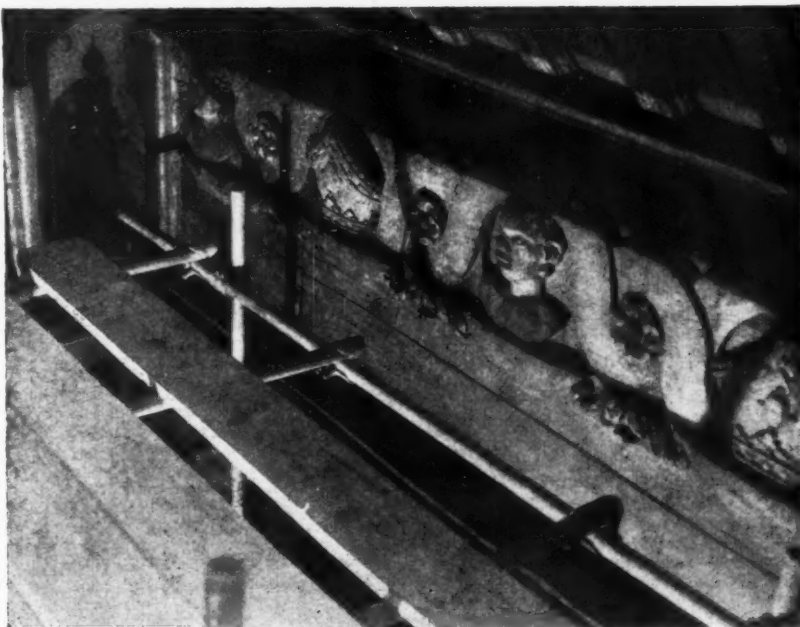
A scheme to incorporate in the new town at Stevenage the AMERICAN METHOD OF PUMPING NATURAL HEAT from the ground for the heating of houses and public buildings has been mentioned by Mr. Clough Williams-Ellis, chairman of the Stevenage Development Corporation.

The corporation's technical officers are also studying a system of refuse disposal based upon the Garchey system.

Pedestrian, cyclist, and motorist traffic will be segregated on a scale never before known in this country. Space in the industrial zone will be allocated with an eye to providing a balance of light, medium and heavy industries in sufficient numbers to give an employee the chance of changing his job if he wishes, and of sufficient variety so that should a slump occur in one industry the whole town would not be affected.

The application by a brick-making firm seeking an extension of SANDWORKINGS ON MIDHURST COMMON has been refused by the Minister of Town and Country Planning.

Satisfied that the amenities of the common would be damaged, he has informed the company and the local authority that permission for such an extension could be justified only if it were essential in the national interest. The Minister is fully aware of the importance of securing the highest output of bricks, but is not satisfied that the extension proposed is the only means of doing this. He has suggested to the company that alternative areas should be examined and a



Two views of the hammer beam roof of the Lambeth Palace Library, now being restored. The south end and lantern were badly damaged by incendiary bombs during the war. Where the original timbers have only been charred on the surface they have been cleaned by wire brushing. Replacements are being carried out in old English oak to harmonize with the original timbers. The work is being undertaken by Messrs. J. L. Green and Vardy Ltd., to the instructions of Messrs. the Hon. John Seely and Paul Paget, architects.



Willington Stables

Willington, or Henry VIII, Stables, four miles east of Bedford, have been given to the National Trust by Mr. I. Godber, of Willington Manor, Bedford. Together with Willington Dovecote, already owned by the Trust, the Stables are believed to be the surviving memorial buildings

of Sir John Gostwick, secretary to Henry VIII. Gostwick entered the service of Cardinal Wolsey in 1527, and purchased Willington from Thomas Duke of Norfolk in 1541. He died in 1545, leaving large estates, which remained in the family for nearly two hundred years.

★ *The following statement has been issued by the Ministry of Works concerning REGISTRATION of Building and civil engineering contractors.*

An Order in Council cancels the provisions in Defence Regulation 56 AB which require a registered building or civil engineering contracting undertaking to observe terms and conditions of employment which are neither more nor less favourable than those laid down in the industrial agreements or by arbitration, and the conditions as to hours of employment laid down in directions issued by the Minister of Works. Similarly the power to revoke or suspend a certificate for breach of these conditions has been cancelled. It is still necessary for a person who wishes to set up in business as a building or civil engineering contractor to be registered with the Ministry of Works and to make

periodical returns of labour or other such information as may be called for. The Minister retains his power to refuse or revoke a certificate of registration in the case of a person who has been convicted of an offence under the Licensing Regulation.

★ *The names of the members of the Development Corporation for Scotland's first NEW TOWN AT EAST KILBRIDE have been announced by the Rt. Hon. Joseph Westwood, M.P., Secretary of State for Scotland.*

This Corporation will have the duty of planning and building the new East Kilbride and of running it in its early stages until it

is ready to be handed over to local authority administration. The appointments are: Sir Patrick J. Dollan (Chairman), Mr. John Mann (Deputy Chairman), Mr. S. Bunton, Mr. A. G. McBain, Mr. Hugh T. MacCalman, Mr. W. A. McPhail, Mr. J. B. Mavor, Miss Elizabeth B. Mitchell. First steps in the East Kilbride project were taken by Mr. Westwood in May, 1946, when he called a meeting of all the local authorities in the area and secured their agreement in principle to the idea of establishing a new town at East Kilbride to relieve housing and industrial congestion in Glasgow and north-west Lanarkshire. In October he made the draft of an Order designating the area of the new town, and this was followed in January by a public inquiry presided over by Professor T. M. Taylor, C.B.E., K.C. After considering the Report on the inquiry Mr. Westwood made the final Designation Order in May of this year.

★★

Applications by objectors to quash the New Town (Designation) Orders 1947 for CRAWLEY AND HEMEL HEMPSTEAD, have been dismissed by Mr. Justice Morris.

In the course of his judgment his Lordship dealt with the nature of the consultation between the Minister and the local authorities concerned, which the Act prescribed was to take place before an order was made, and said that the alleged failure of the Minister to hold the necessary consultations was one of the principal grounds on which the orders made were attacked. His Lordship pointed out that Parliament had enacted that it was for the Minister to decide which were the local authorities concerned with whom it was his duty to consult. As to the meaning of "consultation," the word was one in general use and was well understood, and no useful purpose would be served by formulating words of definition, nor would it be proper to lay down the manner in which a consultation must take place. If a complaint was made that there had been a failure to consult, it was for the Court to examine all the facts and circumstances of the particular case and decide whether a consultation was in fact held. In both the cases before him he found that there had been no failure by the Minister to consult with the local authorities concerned. As to the time when the consultation should take place, there was no warrant in the Act for submitting that it must be held between the date of the passing of the Act and the preparation of the draft order.

★

The Faculty of Architecture of the British School at Rome has awarded the ROME SCHOLARSHIP IN ARCHITECTURE for 1947 to Mr. Richard Fraser (Student RIBA) of the School of Architecture, Edinburgh College of Art.

Mr. Fraser, who is 29 years of age, was educated at Daniel Stewarts College, Edinburgh from 1925 to 1935, and commenced the Diploma Course at the School of Architecture of the Edinburgh College of Art in 1935. After six years' war service his studies were resumed in 1946. The Rome Scholarship in Architecture is now provided for by an annual grant made to the British School at Rome by the Council of the RIBA, and is normally tenable for two years, but may be prolonged in exceptional cases for a third year.



Mr. Richard Fraser (Student RIBA) who has been awarded The Rome Scholarship in Architecture for 1947.

A BUILDING ENQUIRY? I.

THERE is not much complacency nowadays, in any quarters, circles, rings, groups or cabals concerned with the building industry. In Parliament, the Conservatives are calling for an early debate on housing. In Scotland, Mr. Tom Johnston is hoping to see housing taken "completely outside the orbit and strife of politics." Mr. Bevan, it is true, struck, for him, a rather optimistic note at Coventry, in claiming to have advanced more than halfway towards the housing target. But as Dr. Dalton said (in Manchester), houses are certainly not going up as fast as some of us would have wished, owing to "slowness of action, insufficiency of materials and so on." Mr. Key has spoken of a timber and fuel shortage next winter, and Mr. Herbert Morrison has emphasized that the shortage of transport may seriously affect the building programme in the next six months. Meanwhile, the wages structure of the industry is under further discussion. Early in July, Mr. Coppock made an important statement at Luton, saying that negotiations would be opened immediately through the Government, and conceding, for the first time, that a change in the structure of the industry so far as wages were concerned, might be involved. Payment by results slips coyly in and out of the Hansard reports of Mr. Isaacs' speeches, and the even more mysterious pronouncements of Mr. Deakin.

Amid this conflict of voices, it is not surprising that there should be a growing demand for a public enquiry into the building industry. Building policy seems to have been under discussion, at long range, between the leaders of industry and government, from one provincial centre to another; this almost looks like preliminary sparring before a more serious attempt to get to grips with the problem. And what more appropriate medium than the public enquiry, working party, or royal commission? In a democracy, this always appears a constitutionally sound first step towards a new policy.

Precisely such an enquiry was asked for last month in a resolution passed at its Scarborough conference by the National Federation of Building Trades Operatives; an echo, personified by *The Times'* leader-writer, answered accordingly. Other contemporaries seem bemusedly attracted by this idea of "finding out the facts," and really seem to suppose, after all the experience of the last five years, that a committee of enquiry would obtain its results *quickly*. The long delays between setting up a committee, taking voluminous evidence—and voluminous evidence cannot be avoided in so complicated an industry as building, with so many employers of widely differing experiences and points of view—can only too easily be foreseen.

In principle, no doubt, a strong case can be made for an enquiry into the building industry. A fascinating agenda could be drawn up. For instance, it would be interesting to have an answer to such important questions as "What is the most efficient size of a building firm?" "By how much have

housing costs risen since before the war? ", "What changes in the productivity of labour have occurred? ", "How far is it possible to stimulate output by incentives' payments? ", "Why are building materials not expanding more rapidly, and is it possible to produce them more cheaply? "

None of these wide, and controversial, topics would be left out of account by a committee of enquiry. It *must* touch on the sensitive topic of incentives payments; it *must* deal with materials supply and distribution (or call for detailed results on this subject from the existing committee on materials); it *must* study the structure and size of firms, and evolve a policy on this subject. The danger does not lie in any lack of subject-matter to which the committee could base its enquiries.



The Architects' Journal

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

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N O T E S

&

T O P I C S

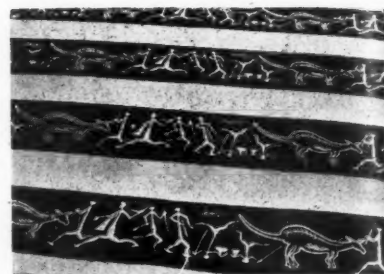
A PLEASANT LITTLE TOWN

Most people just pass through Gothenburg on their way to Stockholm. But they should stay a day or two, says one of Astragal's secret service minions, now on assignment in Sweden, for this second town of Sweden and its largest port, which the many local Anglophils call Little London, has a charm all its own. It is true that a great many of its buildings look as though they were designed by an Edwardian confectioner, but it possesses homogeneity. The canals which thread through the town and the many trees and public gardens give it great character. The canals provide a slightly Dutch "stämning," and, indeed, Dutch settlers had a lot to do with its layout when it was founded in the seventeenth century as a commercial centre.

To someone arriving straight from English austerity the gay bustle of this maritime town, with its busy dockland, its broad avenues crossed by narrow shopping streets, the shops themselves bursting with bright new goods from abroad (the last of the imported stocks?), the many neat konditori with their rich pastries and climbing plants, the fresh paint, bright dresses, sleek American cars and handsome light-operetta policemen, are like a pleasant dream from which one will soon awake to the reality of queues, and dirty stucco, and more news of ration cuts.

There is a lot of new housing being built on the outskirts of the town, mostly rather monotonous, colour-washed blocks and two-family houses. An interesting development is at Guldheden, where the first comprehensive neighbourhood unit is taking shape. Many of its communal buildings await completion, for Sweden, too, has a big building problem, with its suddenly and rapidly increasing population and its dependence on world economy. There is a bad shortage of building materials, so that emphasis is on housing. It is a significant comment on the general feeling, which exists even here, that all new flat buildings must now contain air-raid shelters in their basements—now used, permanently it is hoped, as cycle and pram stores. Private house building is strictly "rationed," and only prefab. timber houses may now be built by private owners, who must not employ more than three men on their erection.

Not only is housing short in Sweden, but hotel accommodation, too, is so



Kangaroo Hunt by Francis Burke. Australian textile design based on aboriginal bark drawings. See Astragal's note opposite.

limited that Gothenburg town council has just erected a prefabricated temporary hotel for tourists in one of its open spaces—an enterprising venture which English town councils might consider if they are intending to encourage visitors. Two large, permanent hotels will be built as soon as possible. One of these is the result of a competition won by a Gothenburg architect, Nils Einar Eriksson—a very competent design.

*

Yes, it should add another amenity to this pleasant little town, concludes our agent, expanding contentedly. No doubt he has just concluded a highly nourishing meal in the excellent restaurant of the horticultural society's little park, where the ghosts of rich and festive Edwardian merchants still linger to listen to the band. "A town just large enough to be able to walk out of in a morning," he writes, "when your £75 are running low and you can't stand the tantalizing temptations of shop gazing any longer."

GREEK MEETS GREEK

The statue (facing page) is of Capodistrias, first prime minister of Greece after the war of Independence. He came from Corfu and spent most of his life in the Russian Diplomatic Service. He was assassinated as he came out of the principal church in Nauplia by a rival politician named Mavromichaelis. The descendants of both parties have not been on speaking terms as a result from 1829 till 1944, when the aged Countess Capodistrias graciously received the present Mavromichaelis, who was then Foreign Minister, considering that the Communist menace justified letting bygones be bygones. Capodistrias during his tenure of office laid out a new quarter of the town on an ambitious

plan which was, needless to say, only carried out to a very limited degree.

SMOKELESS AIR

The National Smoke Abatement Society is still, I see, fussing a little about the possible damage to St. Paul's from the oil fumes of Bankside and quoting the inevitable Thomas Nourse: "the Glorious Fabrick . . . will look old and discoloured before 'tis finished." Not being that much of a chemist, I can't pretend to guess what difference sulphur fumes (if any) will make when superimposed on London's normal efforts, but I'm certain that much of the beauty and repose of St. Paul's comes from the lovely pearly colour to which Portland stone weathers in the London grime. Let's stick to our local materials and avoid the cold, hard, glittering kilowatts which come humming along the grid from goodness knows where. Purer and better London smoke must be our watchword, and, if Mr. Shinwell can manage it, something to make it with.

ABORIGINAL ORIGINALITY

People in the habit of looking down their noses at the applied art of the Dominions had better adjust their spectacles and look again before sniffing. A small exhibition of printed textiles at Australia House introduces a group of designers who have got out of the thicket of rambler roses and hollyhocks round the porch of the remembered cottage in the old homeland. They have discovered their national heritage — the aboriginal dictionary of shapes and patterns—on bark shields and cave walls.

Annan fabrics—a two-woman enterprise—and Maurice Holloway produce large-patterned fabrics, silk-screened, based on aboriginal versions of Australian flora and fauna, plus boomerangs. Michael O'Connell's hand-blocked designs on jute should be seen by anyone thinking of decorating the wastes of wall or stage in canteens, women's institutes and other centres of fun and games.

PUBLICATIONS RECEIVED

The RIAI yearbook, *Architecture in Ireland*, modishly titled in slim black and generously illustrated, carries articles by Raymonds Macgrath and Mortimer and Ove Arup as well as messages of goodwill from Frank Lloyd Wright, J. J. Oud and Walter Gropius. The first 1947 issue of *Plan* is fatter than usual, despite what is editorially described as "an unfortunate accident," and contains a symposium of foreign students' news, while *Contact*, the newsletter of the Leicester School of Architecture, makes the sensible suggestion to the canteen committee that in future lipstick should be removed from cups by washing instead of by the present method of chipping it away. *Open Oog*, a Dutch periodical, "which will appear," say the editors, "whenever we have anything to say," has appeared, together with an appeal from Florence of a group called Arno, formed for the promotion of international art relationship. Arno wishes to contact writers to collect and exchange material. (Address: 133, Via del Serriagli.) A correspondent to *The Architect and Building Surveyors' Society Annual Report* asks his fellow-members who Pugin is. "In all my experience," he says fretfully, "I have never heard of him." Sharawaggi has reached Australia and is mentioned in a new issue of the Australian students' magazine *Smudges*.

ASTRAGAL



Statue of the First Prime Minister of Greece. See Astragal's note on facing page.



LETTERS

Pembroke Wicks, C.B.E., LL.B.

G. E. Marfell

Registration

SIR.—I am authorized to send you the following letter from Mr. E. R. Lloyd for publication in *The Architects' Journal* with the reply sent on the instructions of my Council.

PEMBROKE WICKS, C.B.E., LL.B.,
London Registrar, Architects' Registration
Council of the United Kingdom

From Mr. E. R. Lloyd to the Architects' Registration Council:—

1. The following Registration Concessions to apply to ex-Service Architectural Assistants only.
2. The qualifying period for Registration to include all experience gained while serving as or with a practising Architect during any seven year period up to five years after the certified date of demobilisation.
3. Such period to be unbroken except for War Service.
4. All such applications to have the support of two Qualified or Registered Architects.

May we impress on the ARCUK the fact that we are not, as has been suggested by some readers of *The Architects' Journal*, "expecting a degree for services rendered," but are trying to find some means of equalising the handicap imposed on Architectural Assistants by War Service.

All Architectural Assistants who have served with HM Forces have lost a great deal of valuable studying time, and without such loss it is certain that there would be a great many more names on the list of Qualified Architects.

The realisation that, in settling down to civilian life under present restrictions, the Architectural Assistant has also to recommence his studies and qualify before he can even get as far as the office door, behind which rests a remunerative appointment, is indeed a grim prospect.

One further point comes under the heading of "Competitions and the Un-Registered Architectural Assistant."

Many of us, although capable of submitting schemes for competitions of a standard that would be no disgrace to the architectural profession, are unable to do so because the organisers of most competitions state "this competition is open to Architects of the UK, etc., etc."—the only way open to us is to submit our designs in the name of a Registered Architect, and, in this case, should our designs be placed, the credit goes to the Architect through whom we have submitted our drawings.

It is our opinion that if encouragement were given on the lines suggested in this letter there would be far more desire to qualify than is at present noticeable.

CHINA, GLASS AND WHITE OF EGG



It is a long journey in time and space from a west-end restaurant to St. Sophia at Istanbul. Mr. James E. Williams, who has made these mosaics, has also made the journey. He has just left this country to assist Prof. Thomas Whittemore of the Byzantine Institute of America in the restoration of the mosaics at St. Sophia. This work, encouraged by the Turkish Republic's first President, Gayi Mustafa Kemal, has continued since 1932. The mosaics illustrated are made with pottery, marble and glass with a cement which is a mixture of white of egg, powdered lime, powdered marble dust, and silver sand. The illustrations show: top left, the placing of the tessera; right, panel in glass mosaic and ceramic tessera; bottom, left, decorative panel for a restaurant in pottery. The surface of each tessera is convex and polished, so that the panel reflects any light. This makes the material particularly suitable for the decoration of a wall that is not well lighted, and therefore not suitable for painted decoration.

Should the ARCUK consider our suggestions merit discussion, we should be pleased to hear your views.

Yours faithfully,

(Sgd.) ERIC R. LLOYD

The reply of the ARCUK to Mr. Lloyd:—
July 2, 1947.

DEAR SIR,—Your letter of February 25 has been considered by my Council, who have been advised in this matter by the statutory Admission Committee set up under Section 5 of the Architects' Registration Act, 1931. The Council desire me to point out that Regulation 26(2) relating to applications from architectural assistants was issued for the benefit of those who had acquired such a standard of training and experience at the time the 1938 Act was passed (July 29, 1938), as would reasonably entitle them to set up in practice as architects, and without such a provision many persons would have been deprived by the provisions of the Act from doing so.

It must be obvious therefore that the suggestion in your letter that the necessary seven years' training required by Regulation 26(2) might be completed after demobilisation could not be supported. The vested interests of assistants which existed at the time

the 1938 Act was passed have been fully met by Regulation 26(2) as it stands.

Assistants whose training has been interrupted by the war should avail themselves of financial grants under the Government's Further Education and Training Scheme.

Yours faithfully,

(Sgd.) PEMBROKE WICKS

Coventry Cathedral

SIR—I enclose a copy of the letter which the RIBA sent to the Coventry Cathedral Committee.

G. E. MARFELL,
Public Relations Officer, RIBA

London

16th July, 1947.

Dear Sir,—At the last meeting of the Council of the Royal Institute of British Architects, held on July 8, reference was made to the reports in the press on the recommendations made in the report of Lord Harlech's Commission.

My Council welcome the proposal that a competition should be held under the RIBA regulations governing the promotion and conduct of architectural competitions. It was felt however that the recommendation that the new Cathedral should be

built in the English Gothic tradition was too restrictive.

While it is appreciated that the new buildings should be related to the old so as to achieve a fine architectural composition, my Council feel that in view of the great conflict of opinion expressed in evidence before the Commission it would be in the general interest in this case not to impose any condition which might restrict the imagination of architects and thus imperil the benefit of an open competition and the obtaining of the best solution of this most difficult problem.

I am to ask that the views of my Council may be submitted to the Cathedral Committee.

Yours faithfully,

(Signed) C. D. SPRAGGE,
Secretary.

The Secretary,
Coventry Cathedral Committee,
The Bishop's House,
Coventry.

[The Cathedral Committee has sided with the RIBA. The competition is now to be a free one, the only restriction being that the new Cathedral must be built of red sandstone. See ASTAGAL, last week's issue.—ED., A.J.]



H O U S E

IN THE COLORADO DESERT

DESIGNED BY RICHARD NEUTRA

This house demonstrates how new areas become available for human habitation through the use of modern techniques. The architect, Richard Neutra, says of it:—

"Built between the huge boulders of a glacier of millions of years ago, and in the sun-radiation which spends itself on the Colorado desert at the foothills of Mount San Jacinto, is the winter home of Mr. and Mrs. Edgar Kaufmann. The house is to be occupied during the last and first months of the year when the climate is less favourable about the owner's eastern city apartment.

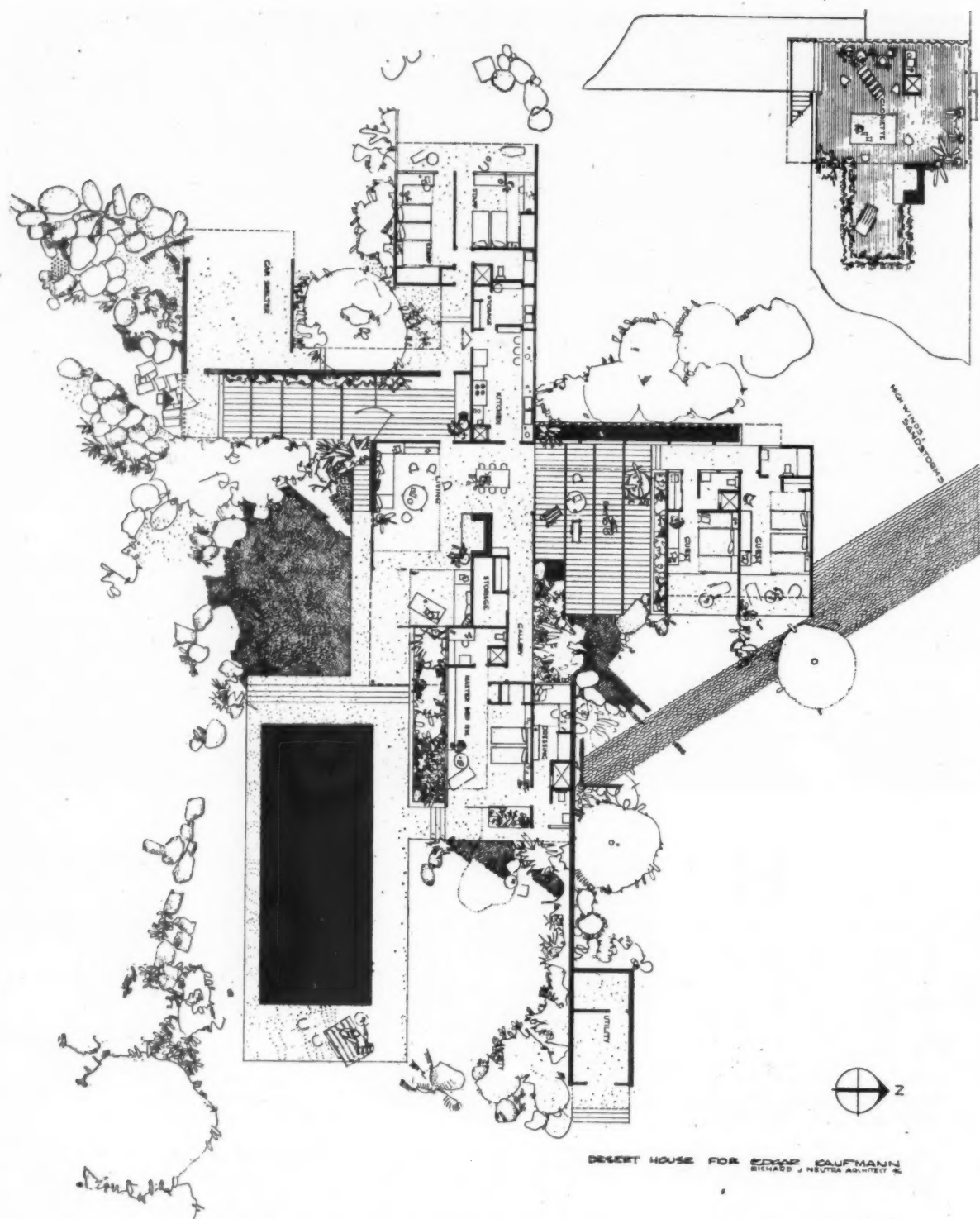
Mr. Edgar Kaufmann has built and owned buildings in American city centres, as well as in outlying and isolated regions, from Lake Huron in Canada, to Boar Run, in

Pennsylvania. A connoisseur of architects and architecture, interested in building for use as well as for the wholesome and imaginative advancement of architecture, Mr. Kaufmann has been recognized by his chosen architects as one of the great clients such as the art of design has needed in various periods.

Contemporary architecture has been troubled by implications that it does not respect the 'genius loci,' the spirit of the spot, or the sentimental attachments to the past which any consumer of it is entitled to. For creations not squarely founded on

this historical association, beauty and æsthetical satisfaction was doubted, if not declared an impossibility.

Associations and associative material imported and dragged into an architectural solution are very frequently depended on to make for æsthetical acceptance. In a fashionable desert resort in California, Spanish tile roofs and sombrero-adorned guitar players are depended on to give colour to a locale which truly has the most subtle and impressive colour of its own—a beauty which, however, is overwhelmed and effaced by the extraneous ornament and visual noises which have been brought in and which threaten to crowd it out.

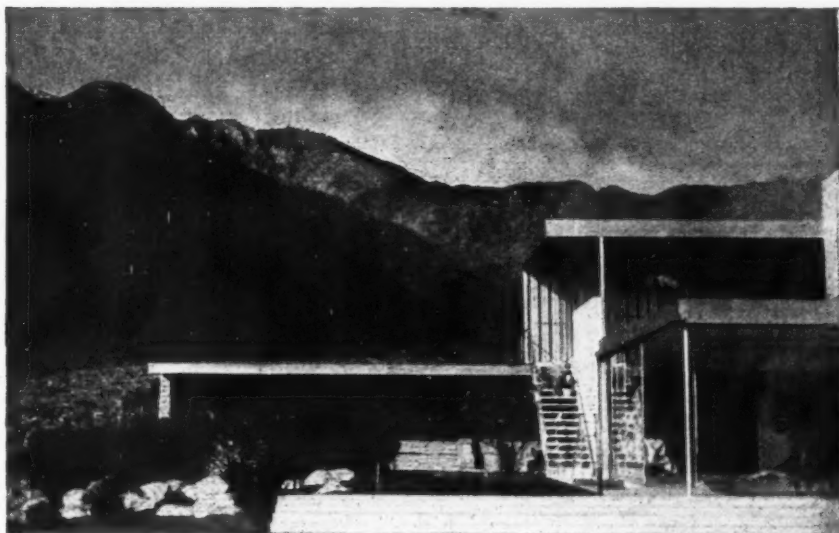


DESERT HOUSE FOR EDGAR KAUFMANN
RICHARD J. NEUTRA ARCHITECT N.

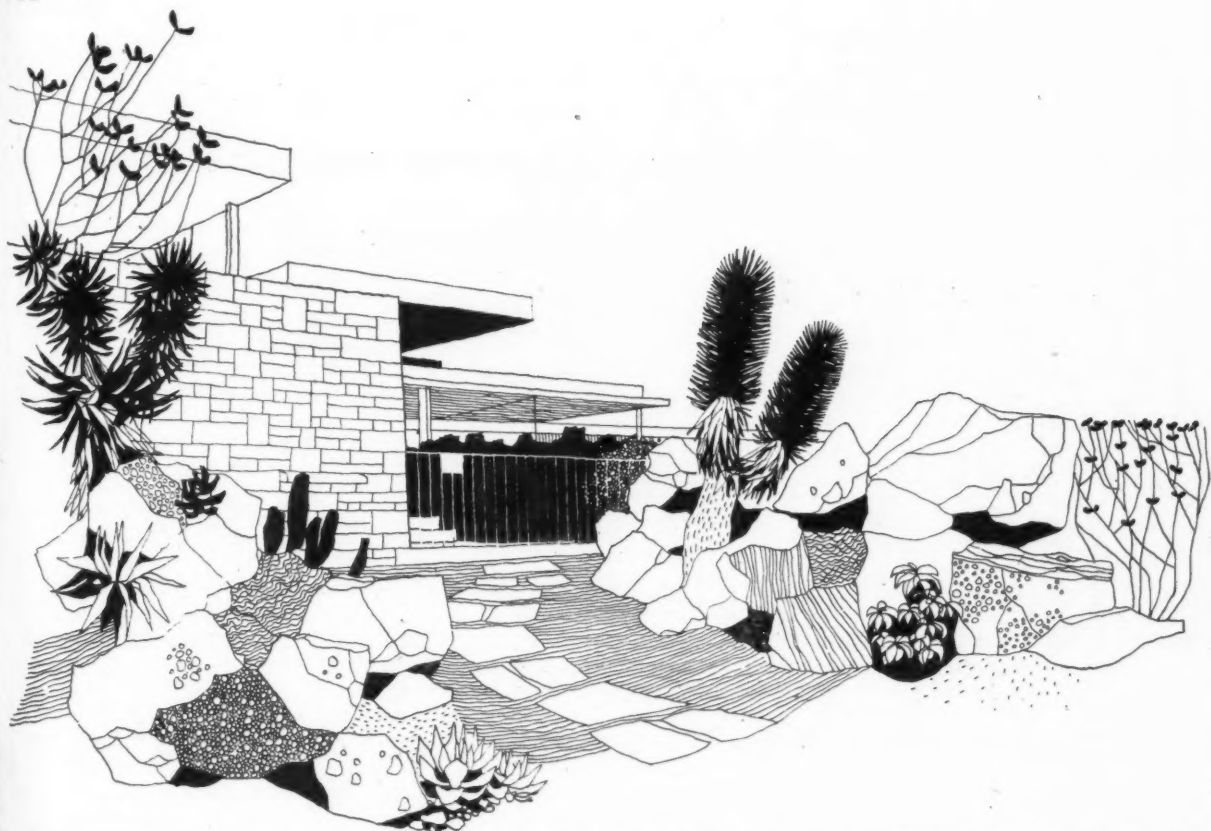
A HOUSE IN THE COLORADO DESERT

Those who study architecture today, may well live to be called on for a design for a reception building in a moon crater when rocket ships start a regular traffic through space. It is definitely established that no Spaniard ever lived on or visited the moon. It will therefore be necessary to get along without tile roof reminiscences and still fit the landscape. The desert is a very similar, almost as extreme a setting of a project . . . and although less known, it is also here a fact that no picturesque Spaniards or even Red Indian, ever lived on hilly stretches of desert land where there was no natural comfort whatever and where water had to be pumped and piped from far away.

The desert, from Arabia to Peru, has indeed been the latest section of nature to be made habitable and recognized for its recreational possibilities. Much later than the sea-shore or the mountains and even less than these other locations, it is predicated by a historical style of building. In the long stretches of the past, before people like the Kaufmann's, no one except recluses and saints, like St. Anthony, or Paul of Thebes, have lived in the desert which was described as a 'Devil's Playground'."

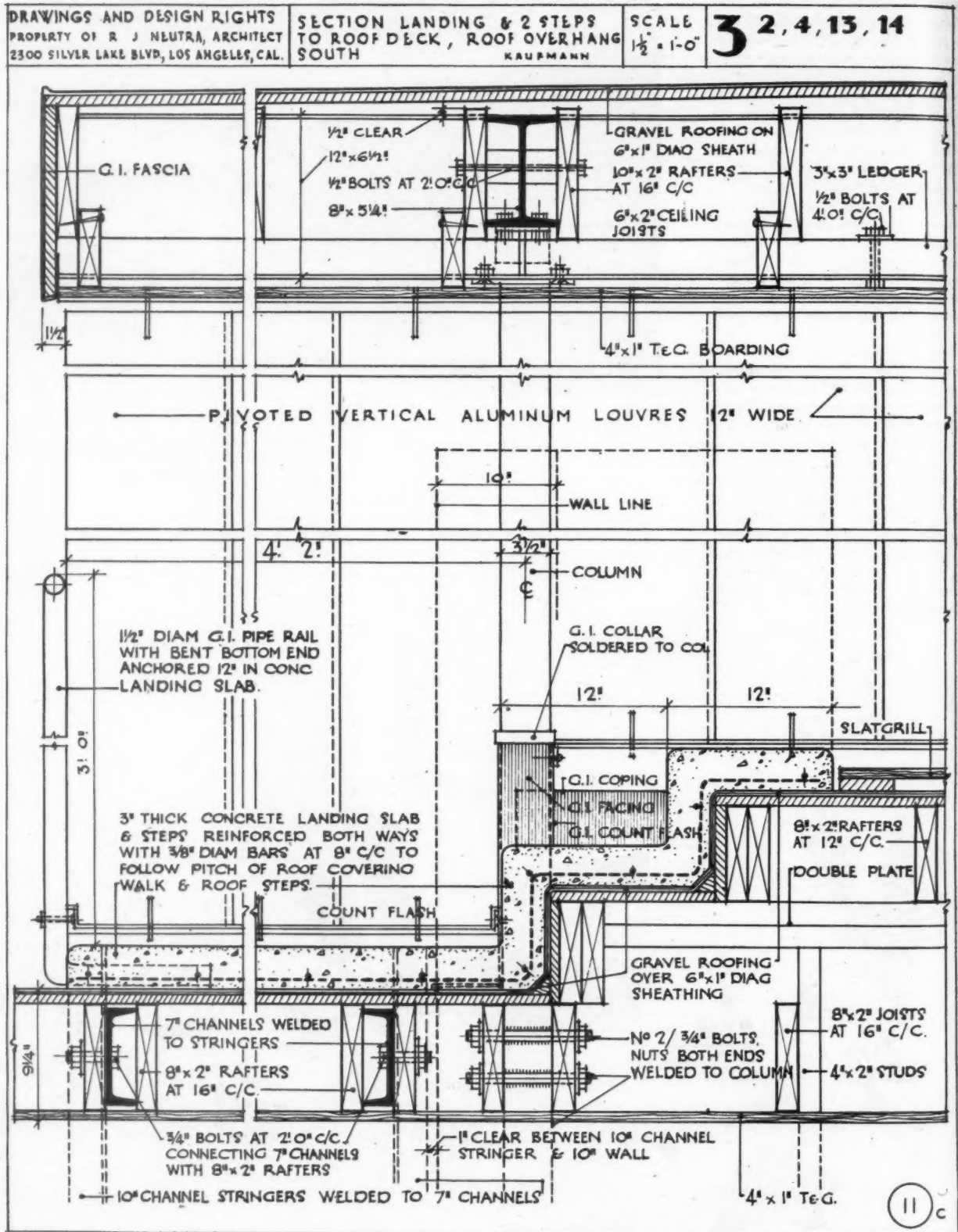


The simple lines of the structure contrast with the rugged mountains. From the roof porch, which is provided with a fireplace, there is a magnificent view.



Boulders, remnants of a glacier and an electrically-operated gate give privacy to the entrance. Garage wall is Utah stone laid dry.

RT DESIGNED BY RICHARD NEUTRA.



Typical detail sheet showing a section through the roof deck with its overhang. The set of drawings for this house has about 160 similar sheets: the larger figure in the upper right-hand corner indicates the trade mainly concerned with this detail. The drawing is reproduced very slightly smaller than the original.



From the private quarters in the right foreground the owners can easily reach the pool for an early morning swim. With the curtains pushed back and the sliding glass partition open, room and garden become one.

The house opens wide on to the views, for which the site was selected. It is closed against the north and its prevalent winds, and is articulated to provide privacy for the owners, their staff, and their guests. The house is a "four-courter," which the architect has conceived and elaborated in many studies, providing four courts, for the various functions of the house. The master suite consists of bedroom, two baths and a withdrawal room for afternoon naps, letter writing or undisturbed reading. The bathrooms have oak floors and walls, and luminous partitions giving a soft, well-distributed glow by concealed coils of cold cathode tubes.

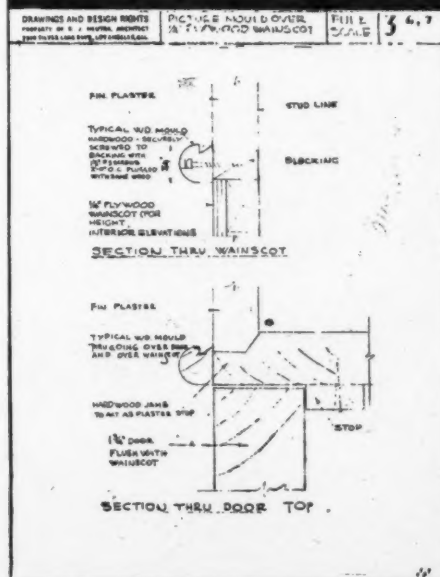
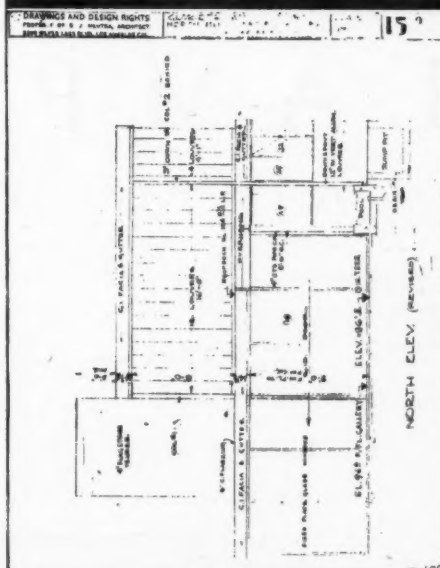
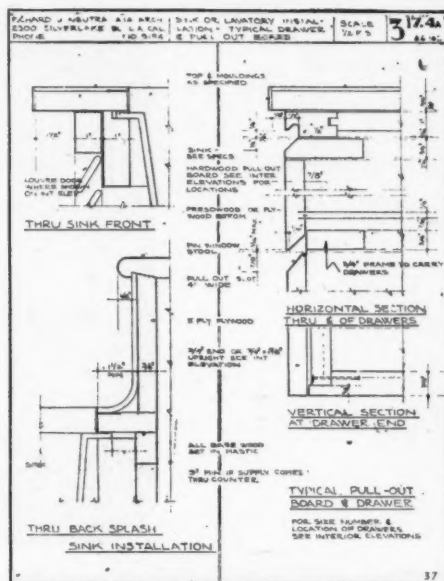
A gallery for pictures and drawings, with lighting specially designed for the purpose, leads to centrally placed social quarters, which open on to an internal patio, protected to the south and north by a transparent and an opaque planting wall and to the west by adjustable vertical louvers behind a strip of lily-planted fresh water, which reflects the aluminium corrugations. The east opens for a view over the boulder-strewn lawns on to the distant sand dunes. This indoor-outdoor room has radiant heating and cooling. The fireplace is of rock-faced flagstones in thin courses. The service wing consists of a spacious kitchen with sink, dishwasher, cooking shelves and staff eating bar facing the northerly windows overlooking a few citrus trees. A laundry, fully equipped, adjoins to the west and

a small open corridor reaches the private quarters of the staff.

The guest apartments to the north are given the greatest possible privacy from the owner and from each other.

Contemporary technical resources alone have made it possible to live in the desert. Mr. Neutra has made use of these resources so that living is not only possible, but luxurious. Insulation, warming and cooling, lighting, furnishing and siting all combine to demonstrate that the architect can make the desert blossom. For the enclosing walls a sandwich construction is used, the outer skins being designed to resist atmospheric conditions, and the structural core must be able to resist storms and earthquakes. Therefore accordion double aluminium foil and blasted rock work are used for insulation, while embedded copper coils carry to all the rooms and terraces hot water during the cold nights, and ice cold water during the heat of the day. Heat reflecting surfaces are widely used, such as satin finish aluminium, and aluminium is used on all metal parts and surfaces. Exterior cement walls have a mica-glaze finish.

Great attention is paid by the architect to the detailing of his jobs, and on this page and the facing page are characteristic sheets from the 160 odd details prepared for this house. These sheets are classified and numbered, so that the contractor can see at once the trade to which the detail mainly applies.



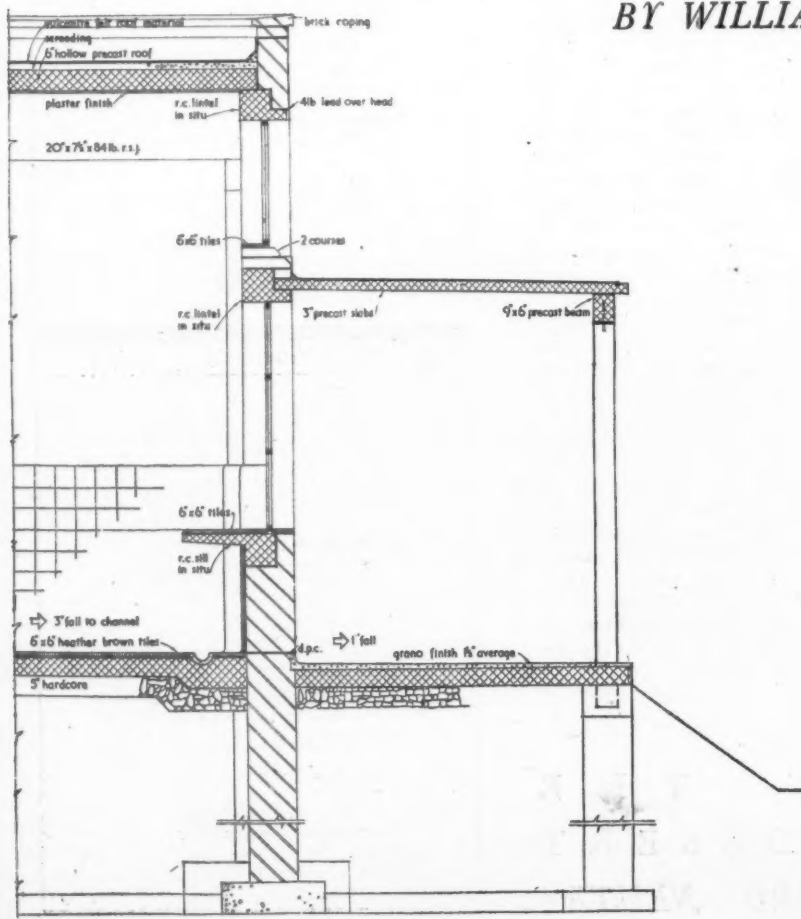
HOUSE IN THE COLORADO DESERT DESIGNED BY RICHARD NEUTRA



LAMP ROOM

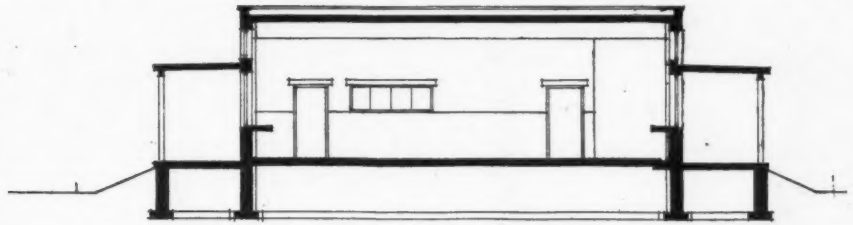
AT BOLD COLLIERY, LANCS.

BY WILLIAM AND J. BASIL ELLIS



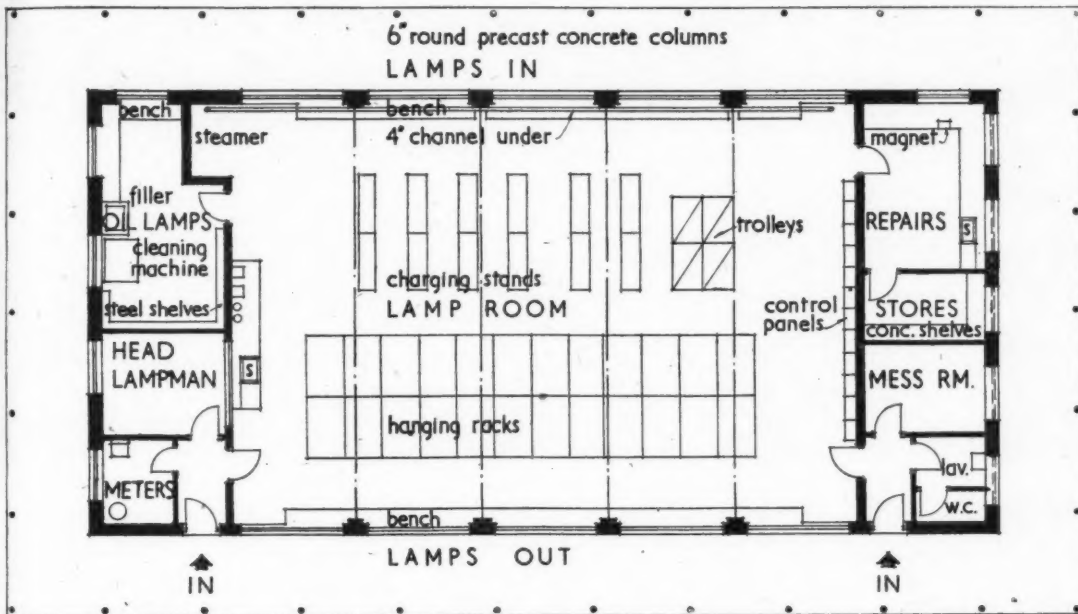
Completed in December last, this lamp room, for the Sutton Heath and Lea Green Collieries, provides accommodation for 3,000-4,000 hand and cap lamps. After a shift, the lamps are handed in on the charging side, where they are placed on charging stands. Later, they are transferred to the hanging racks ready charged to be handed out to the next shift on the opposite side to where they were handed in. The shelving in the lamp room is cantilevered from the main walls and finished with terrazzo to permit the lamps to slide easily. Floor and dadoes are finished in quarry tiles. All concretework is precast.

DETAIL OF WALL, FLOORS AND ROOFS
(Scale: $\frac{1}{4}$ " = 1'0")



SECTION A-A.

A



GROUND PLAN

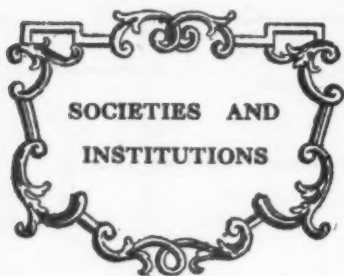
A

[Scale: $\frac{1}{4}$ "=1'0"]



Top, miners receiving lamps.
Right, inside the lamp room.

AND
-1'0"



Speeches and lectures delivered before societies as well as reports of their activities, are dealt with under this title, which includes trade associations, Government departments, Parliament and professional societies. To economize space the bodies concerned are represented by their initials, but a glossary of abbreviations will be found on the front cover. Except where inverted commas are used, the reports are summaries, and not verbatim.

TPI

Lewis Silkin

July 21 at the Town and Country Planning Summer School, Reading University. An address by the Rt. Hon. Lewis Silkin, MP, Minister of Town and Country Planning.

Lewis Silkin: Ought we to open the door to-day to the training of persons as planners much more widely than we have done hitherto? Hitherto, as you know, we have selected our planners exclusively from three or four professions. Ought we to go much wider? Ought we to aim at producing a complete planner at all? Would it not be better to use the individual specialists under an able leader, and give them perhaps a short post-graduate course in planning to show them where they fit into the team? We have assumed hitherto that every technical person who enters the planning profession must go through a full course and try to assimilate every aspect of planning, but if we really believe in the team conception—as planning carried out by teams of experts under a

leader—can we not rather short-circuit the process of training? Ought we not to short-circuit this by taking members of different professions and merely give them a short course so that they get the planning background, and explain where they come into the planning team, and the general relationship of one person with another? What sort of person ought we to have as Leader? What ought to be his qualifications?

QUALIFICATIONS OF A PLANNING TEAM LEADER

Firstly he must be an able administrator; he must be a leader capable of getting his team to work with him, of getting the best out of them; and he should be of sufficient standing to be able to talk to his opposite numbers in adjoining Authorities and Government Departments, and either persuade them or be big enough to be persuaded himself and to carry his own Authority with him. Now the opposite numbers in other departments, or even in the Local Authority itself, will be administrators as a rule and not technicians. If they are technicians, they are likely to be technicians of another profession and, in order that he should be able to hold his own with his equals, he must first and foremost be an administrator.

The leader of the team must be a person of vision and imagination, capable of taking a long view. He must have enough technical knowledge to be able to appreciate fully the technical questions involved.

I should like to see the distinction between the technician and the administrator very much blurred. I am putting this forward as a serious proposition: that the leader of the technical team should be chosen on account of his administrative ability, capable of leading a team and getting the best out of them, and it is necessary that he be a man of culture and wide interests. There is one other thing about the leader: I think it is a great mistake for him to have other duties in his Authority. I do not think that the best leader of the Planning team, for instance, is the Borough Engineer, the Architect or the Surveyor. I think that in most cases that job is quite big enough, certainly in the years to come, to absorb the full-time services of a highly competent and efficient person, and it is delegating planning to a very minor capacity to assume that the person doing this big job in the Borough can at the same time be responsible for the planning. I would rule out the Borough Engineer and the Town Clerk from leadership of the team. I think that theirs should each be a job in itself.

CONTRIBUTION OF THE UNIVERSITIES

On the question of training generally, I have in the past few months tried to interest the Universities in the task of training both the technicians and administrators. I believe the Universities have a great contribution to make. They can give us the scientific approach, the unreadiness to accept the gospel of planning dogma—a theory merely because it was stated by somebody nearly fifty years ago. Modern times demand new thought and different conceptions of planning—such things as the size of towns and the size of neighbourhoods; the location of industry, zoning—all these are questions to which we should be giving consideration and thought, and not merely accept as proper planning something which was suitable or may have been suitable some 30 or 40 years ago. I hope the Universities can make that rapid contribution. I think they can help in the provision of people who will come into the planning profession with the sceptical and scientific frame of mind. I think the Universities can also play a big part in providing facilities for research which are becoming of increasing importance. I am

very much concerned with questions of research.

NEED FOR BALANCED COMMUNITIES

One of the things which we are seeking to achieve in our New Towns, indeed I believe the New Towns will fail unless we do achieve it, is to get those "balanced communities." Now we can talk about "balanced communities" and "mixed development," but I am sure we have not yet given sufficient thought to what we mean by a balanced community and mixed development. We do not achieve it just by building a number of houses available to people of higher incomes; we do not get anything merely by proximity; what we want to achieve is that people actually mix with each other and exchange ideas, each learning something from the other. To achieve that in our New Towns or in our re-developed old towns, research is the answer.

Similarly on questions of location of industry. We say glibly, but possibly without a scientific basis, that industry will not go more than 25 miles from London, 10 or 12 miles from Leeds or 15 miles from Manchester. Are these statements true? What are the foundations for them? What investigation has been made to verify whether they are true or not? I suggest very little. There is a danger of accepting them without a great deal of research into all the reasons to give us the proper basis for planning. And here again Universities can make a great contribution, and I want to appeal to them to come to our help and give us this contribution at the earliest possible moment.

THE PLACE OF THE PLANNING CONSULTANT

In view of what I have said, is there a place for the Planning Consultant in the future? I think there is. I see no reason at all why consultants and firms of consultants should not continue to play a full part in future as they have done in the past.

Some County Borough Councils may employ them to work along with their own permanent officials on their Development Plan. Some may employ them either to work with their permanent officials on the plan for the county as a whole, or to work on some particular part of the area (e.g., a town of special architectural importance or one due for early expansion or redevelopment) within the general framework of the County Development Plan. In cases where Consultants are already at work before the Appointed Day, the County Council will presumably take them over; but there are also likely to be new contracts entered into after the Appointed Day. Some County Councils, Joint Boards or County Borough Councils may employ Consultants who specialize in survey work or in landscaping. There may also be other specialized Consultants who may be brought in from time to time. County District Councils may employ, in particular, Consultants who specialize in civic design to assist them in carrying out development and redevelopment within the structure of the County Development Plan. The Minister, or a Joint Advisory Committee, or other groups of authorities, might employ them for a regional or large-scale plan. In most areas of this kind plans are already prepared or in course of preparation, but, of course, major economic changes might take place in the future which would necessitate other such investigations.

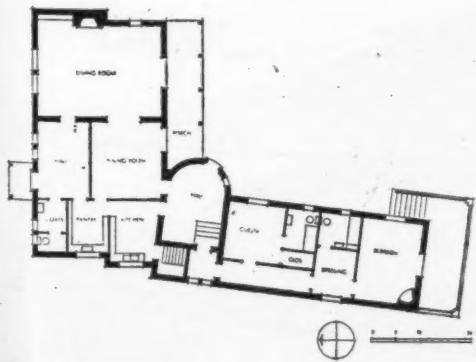
I attach considerable importance to ensuring that Consultants are used to capacity, because the great problem in planning for, at any rate, some years to come, is going to be the shortage of qualified and experienced men and women; and the employment of Consultants—sometimes for short periods on particular problems—will mean that their special knowledge and qualifications are given wide scope.



Above, view from the south-west showing the balcony outside the main bedroom. The south wing has a semi-basement for maids' bedroom, storage, heating, etc.

H O U S E I N A T H E N S

DESIGNED BY P. A. SAKELLARIOS



PLAN

(Scale: $\frac{1}{16}$ " = 1'0")

This house built outside Athens typifies the unaffected local traditional Attic style of design and construction applied to modern middle-class residences.

The construction is of brickwork with rendered exterior having a white wash finish. Foundations are of concrete and roof is of cypress timbers covered with Roman tiles.

The house has an interesting plan,

characterized by a large hall and generous loggia. Though the house is not revolutionary in design or construction, it has a pleasing and unaffected charm and harmonizes well with the countryside round Athens.

The architect, Mr. Sakellarios, was one of the three to visit this country recently under the auspices of the British Council.

TECHNICAL SECTION

The function of this feature is to supply a digest of, and commentary on, current information of interest to architects as recorded in technical publications and statements of every kind throughout the world. Items are prepared by specialists of the highest authority who are not on the permanent staff of the Journal, and views expressed are disinterested and objective. Items are printed on one side of the paper only to permit of cutting out and pasting up in classified order in readers' files. The Editors welcome information on all developments from any source.

INFORMATION CENTRE

To enable items to be filed all information is classified under the following headings:

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

2.15 planning: general POPULATION DENSITIES

X-Ray the City: The Density Diagram: Basis for Urban Planning. Dr. Ernest Fooks. (Ruskin Press, Melbourne, Australia, 1946, 12s.)

Interesting study suggesting new rational approach to measuring population densities in urban areas in order to establish an internationally accepted method for comparing densities in cities. Fully illustrated. Useful international planning bibliography.

Examination of population trends and statistics in capital cities of Europe and America. Results applied to Melbourne's problems. Relation of density figures to defined areas of social activities. Size of communities and investigation of functions determining size. Defects of zoning restrictions irrespective of population size, composition, growth and distribution. Definition of various crowding and density terms. Investigation of urban features by means of superimposed distance grid in order to determine space-relationship between individual segments within urban area. Introduction of density diagrams based upon distance grid to replace traditional population density and distribution maps.

4.15 planning: urban and rural PLANNING IN SPAIN

La Reconstrucción Urbana en España (Urban Reconstruction in Spain). J. M. Torres. (Madrid, 1945, no price, text in Spanish and English.)

Fully illustrated booklet giving concise and informative review of reconstruction procedure adopted in Spain since end of civil war.

Reconstruction work in Spain is directed by the Devastated Areas Department of the Ministry of Interior, set up in 1938, and financed with the help of the National Reconstruction Credit Institute, created in 1939. This Institute grants all affected persons the right to apply for long-term loans at a low rate of interest. Loans are classified as urban, agricultural, and industrial loans, with interest varying between 1 and 3 per cent. over a period of 30 years. An Order issued in 1938 prevents all rebuilding unless it is authorized by the Provincial Reconstruction Committee. Authorization is granted only if the proposed scheme complies with the approved local town planning scheme. The problems of rebuilding mortgaged property are regulated by a law passed in 1939 which stipulates that the cost of reconstruction is to be divided between the landlord and the mortgagees in proportion to the value of damaged property held by each one. Another law, the Adoption Law of 1939, provides for the adoption of exceptionally badly devastated localities by the entire nation for the purpose of re-establishing all public buildings and services as well as religious institutions. Still another order gives facilities to councils to effect expropriations in certain districts where the need for reconstruction offers an opportunity to introduce improvements.

Other aspects dealt with in the report include the recruiting and housing of building labour; the provision of materials and means of transport; and some technical, social, and economic aspects of reconstruction.

Of the buildings illustrated nearly all show a strong traditional flavour, with very few

attempts at progressive architectural solutions.

5.10 planning: public utilities REGIONAL AIRPORTS

Minor Regional Airports for the New Jersey-New York-Connecticut Metropolitan Area. Regional Plan Association, Inc. (The Association, New York [USA], 1947. 50 cents.)

Bulletin presenting results of two-year programme of work to produce plan for system of secondary and local regional airports to cater for expansion of civil aviation due to increase in private flying. Illustrated.

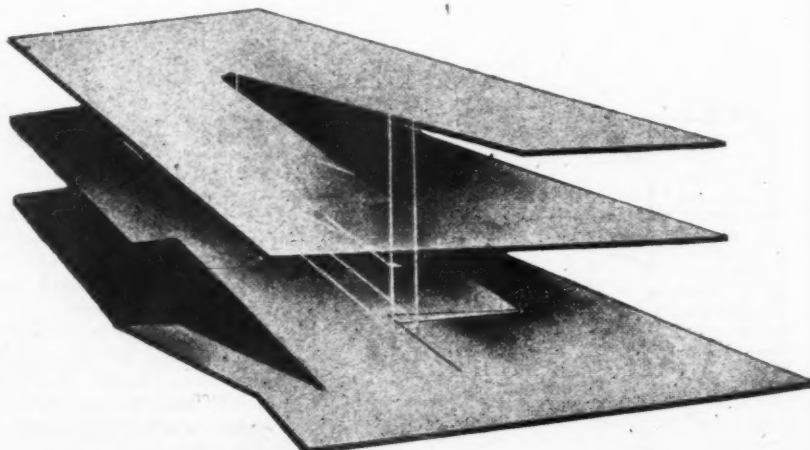
The bulletin describes the results of the association's research work under the two main headings of secondary and of local airports. Secondary airports within the regional system cater mainly for private flying but provide at the same time a restricted cargo and passenger service, whereas local airports are reserved for private flying only. The airport system is fully examined from the point of view of land use, road access and manoeuvring space. A summary of the ultimate functions of secondary airports within the regional airport plan has been worked out together with an estimate of ten years' regional expansion in regard to private flying. Several maps illustrate the proposed regional airport system showing turning areas and functional transport classification; location and classification of existing airports; the airport plan in relation to land use, to steep slopes, to private plane potential in 1955, and to principal communities; and the distribution of registered aircraft and pilots for 1940.

Although the material published in this pamphlet is based on American data and experience only it should be of interest to planners in general for showing a systematic approach to an increasingly important aspect of planning for transport needs.

6.1 planning: social and recreational HEALTH CENTRES

Health Centres. R. H. Parry. *Journal of the Royal Sanitary Institute*, March, 1947, Vol. XVII, p. 111.)

Comparison of American and English views on health centre functions. Present health centre organization in Bristol, and proposals for future development. City requires six main, four sub-divisional, and 33 district health centres; function of each type described. Diagram of organization and floor plan of one existing centre.



Principle for multi-storage garage. See 10.12.

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10.12 design: building types MULTI-STORAGE GARAGE

A Multi-Storey Garage for Public Parking. Basil Yurchenco and Eduardo Catalano. (Architectural Record [USA], April, 1947, pp. 125-128.)

Requirements and general design considerations. Comparative efficiency of various types.

The authors believe that the storage structure which most closely resembles the street is the best solution. This should produce a new type of building which in a vertical sense extends the horizontal advantages of the street. The entire floor area, exclusive of central core, would consist of a continuous ramp. A slope averaging 2 per cent. rise is possible. Eight stories might be the highest number of convolutions a person would care to drive. This can be improved by extending the ramp three or four stories below ground level. Additional storeys could be planned for long-term parking.

The relation between floor area and number of cars accommodated is shown by several examples.

19.23 construction: details TIMBER ECONOMY

The Economical Use of Timber in Housing. Pamphlet issued by the Marley Tile Company, Limited.

Alternative methods of construction of ground and first floors and pitched roofs with the purpose of saving timber as against traditional methods. Comparative figures of quantities of timber, thermal transmittance and cost.

20.28 construction: complete structures R. C. BRIDGES

Two Viaducts at Ladybower Reservoir. (Concrete and Constructional Engineering, June, 1947, pp. 186-191.)

Description of Ashopton viaduct and Ladybower viaduct.

Ashopton viaduct has seven, Ladybower five spans of 100 ft. Both structures consist of slender cellular reinforced concrete piers supporting four longitudinal lattice girders encased in concrete. Monolithic

with the encasement of the truss members of the outer girders is a 9 in. concrete spandrel wall. The girders support a reinforced concrete deck slab with a pipe duct below.

The steel girders were erected without the use of centering. A platform was suspended from the steel trusses at about the level of the springings. Tubular scaffolding, supporting the shuttering for the concrete encasing and the concrete deck, was erected on this platform.

Special attention was given to a suitable finish. All exposed surfaces of the superstructure and the piers above a level 10 ft. below the top level of the water in the reservoir are bush-hammered.

24.35 lighting GLARE

Further Data on Glare Ratings. W. Harrison and P. Meaker. (Illum. Engineering [USA], February, 1947, p. 53.)

Method of rating glare; comparison with actual appraisals; short cuts in calculation. Specialized but interesting and good. Illus. graphs.

This is another in the many and temporary American studies of glare and brightening contrast. A method of glare rating by a formula is discussed, some examples are given, and appraisals by skilled observers are quoted to show that the computations of glare correspond well with the calculations. Some short cuts for design practice for engineers are mentioned. Among several interesting minor points it is noted that ordinarily if an overcast sky is visible down to the horizon the sensation of glare may often be about twice as great as when the first five degrees or six degrees up from the horizon are obstructed. There is a good discussion.

25.25 water supply and sanitation HISTORY

Sanitation: The Example of the Past. W. H. Wilkinson. (The Sanitarian, June, 1947, Vol. 55, p. 248.)

Short but entertaining paper stating some archaeological facts on sanitation in ancient civilizations not so well known as they should be. Having established that public sanitation was highly developed in the ancient world, the author suggests that the

rise of Christianity marked the decline of hygienic standards, and quotes contemporary examples of primitive sanitary conditions. His conclusions from all this are less illuminating.

25.26 water supply and sanitation HYGIENE: SUB-LET HOUSES

Sub-let Houses and Their Problems. W. H. Wattleworth. (Journal of the Royal Sanitary Institute, May, 1947. Vol. LXVII, p. 195.)

Critical examination of existing statutory powers for controlling sub-let and tenement houses, and of difficulties in their operation under present abnormal conditions. Special reference to problems in Liverpool as a seaport. Types of house "farmed"; control and care of aged tenants; vermin infestation. Conclusion that measures possible at present are only palliative. Shortage of trained personnel adds to difficulties of work.

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

QUESTIONS AND ANSWERS

2905 REBUILDING PARTY WALL

Q. The following point has arisen in connection with a rebuilding scheme following total demolition through bombing.

The property in question consists of a pair of semi-detached houses, but a cost of works payment was refused in the case of the one house with which we are dealing, and a value payment given in its place. Our client wishes to rebuild this property and has agreed to do so at his own expense.

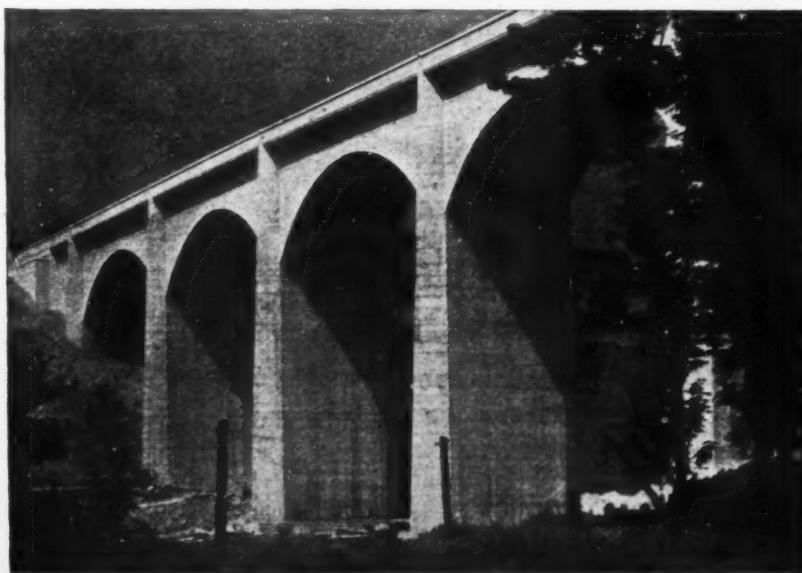
The ruling has been given that this rebuilding will be regarded as a new house and not as the rebuilding of a war-damaged property, and therefore the regulations regarding superficial area and cost must be complied with.

The owners of the adjoining property are not proposing to rebuild at the present time, and a suggestion has been made to them that the party wall should be put up by our client at his own expense and that the half cost should be paid when the adjoining premises are rebuilt. The adjoining owner, however, refuses to pay any part of the cost of this wall.

We should be glad to have your views on the following points:—

1. Is our client entitled to rebuild this party wall, half of which will of course be on the adjoining owner's property, without his consent?
2. Is the adjoining owner entitled to use this wall for his own rebuilding scheme when this comes along without paying our client the half cost?

A. In view of the fact that the house in which you are interested is to be regarded as rebuilding, if you cannot get the adjoining owner to come to any agreement with you, the only course open to you is to build your house within the limits of your own site.



Ladybower viaduct: bush hammered concrete finish. See 20.28

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THE INDUSTRY

[by Philip Scholberg]

PUBLIC WORKS EXHIBITION

Although the Public Works, Roads and Transport Exhibition was really of more interest to municipal engineers and contractors than to architects, a brief tour proved none the less to be quite rewarding. Stand design was, as one might have expected, almost non-existent, save for a cheerfully amusing (and also efficient) effort by Arcon for Turners Asbestos Cement Co., a more straightforward but attractive display for a joint exhibit of BRS and the Road Research Laboratory arranged by the Central Office of Information, and one or two others.

The members of the Federation of Manufacturers of Contractors Plant were not officially exhibiting, but there was still quite a lot to be seen, notably a 13 cubic yard Euclid bottom dump wagon supplied to John Laing for their opencast coal work. Wagons of this type are made almost twice the size in the States, but this is so far about the largest in this country. New to me was a series of concrete breakers (again American), the largest of which will break concrete up to 2 ft. thick at the rate of something like 1,000 cubic yards a day, shattering the reinforcement at the same time, so that a mechanical digger can follow on with only occasional stops for cropping an unbroken wire every now and then. These are being used for removing unwanted aerodrome runways, and there is an alternative type which will strike a lateral blow and demolish unwanted shelters and static water tanks. New to the building industry are Lagonda of Staines, a firm which has for a number of years been producing the sort of car that most of us will never be able to afford. During the war

they did a great deal of work on flame-throwers, and a small Diesel pile-driver is the first part of their attempt to find a peaceful use for their wartime plant and brains. Easily erected in an hour or so by four men, it is not a heavy duty job, but it will drive the smaller sheet steel or concrete piles in lengths up to 15 or 20 feet, and timber up to 9 by 9 at the head. This again is more a contractors' job, but it is perhaps useful to know that the smaller sizes of pile can be driven without the necessity for boilers or other heavy plant.

Of immediate use to the architect is Turners cavity decking, a lightweight dry construction unit suitable for flat roofing with widely spaced supports. Each unit of the deck consists of two deep corrugations in the centre with flat wings on each side. The two sections on this page show the standard unit and the way in which it is assembled. The decking has been designed primarily for bearers at 8 ft. centres, but it is also made in 8 ft. 3 in. lengths to suit the proposed planning module for school class room units, and requires no intermediate support. As well as providing a roof deck, the units are also intended to give a finished ceiling. They are smooth faced on one side, and this will be used for the ceiling, the other side having a rougher face which will take the felt or asphalt waterproofing membrane of the roof surface. But since the units are symmetrical it is obviously possible to reverse this arrangement if a rougher ceiling is thought to look more pleasant.

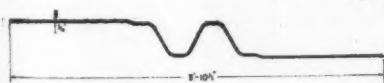
Strength is more than adequate. With a weight, laid, of 9 lb. per super foot, the decking is designed for a safe working load of 40 lb., and then has a deflection of about one-thousandth of the 8 ft. span: complete collapse is not reached until the loading reaches about 10 times this figure.

Supports for the decking should be at least 4 inches wide to give a bearing of not less than 2 inches at each end of the unit. The overall width of the unit is nearly 4 feet, but with the top and bottom laps the effective width is 16 inches, and in stretches which are not multiples of this figure the flat wings of the end units should be cut as required. As the units are laid the joints in the lower face can be made with nuts and bolts, while on the upper face self-tapping screws are necessary. Holes are drilled (not punched) on site.

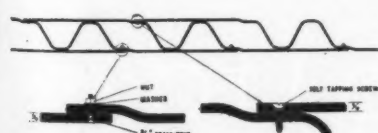
The decking is designed to be finished with felt or asphalt, neither material offering any special problems. At eaves, when the oversail is parallel to the length of the units, they can be cut in the trough of the corrugation, when the roof finish sweeps down. If cut at the crown of the corrugation a wood filler should be used with a fascia. If the overhang runs transversely to the units, fixing blocks are inserted in the cavities to receive a fascia or barge board.

Thermal insulation, thanks to the cavities, is good, with a "U" of 0.36 for the decking with an eighth-inch covering of felt. The manufacturers suggest that a further thickness of only three-eighths of an inch of their asbestos spray will reduce the transmission to 0.26. Alternatively, the bolts used for making the bottom joints between units can also be used to fix timber battens to take any 4-ft. wide wallboard, with the advantage of a further air space. The bolts would also take any of the now common angles or tees used for fixing board with clips or wedges.

The same units are also put forward as being suitable for partition walls in factories. No support is needed except at cill and head, and while the 8-foot height will probably be enough for most work, the units can be placed on top of each other with a minimum of structural support. (Turners Asbestos Cement Co. Ltd., Trafford Park, Manchester 17.)



Section through a Turners cavity decking unit made in 8' and 8'3" lengths.



Turners cavity decking. Sketch showing assembly of units.

JOINING LEAD PIPE

In an attempt to save lead the Ministry of Health issued a few months ago a pamphlet suggesting various more economical methods of joining lead pipe, and suggested both the Amalgaline and the soldered spigot joint. The soldered spigot joint is primarily intended for all the connections which have to be made between lead pipe and the brass tailpieces of fittings, and these, when you work it out, comprise nearly all the joints in the average small house. On the job the pipe is shaped with simple tools to provide a close fit for the previously tinned liner, the contact area between liner and pipe being finally bonded with fine grain solder. Joints so made are perfectly satisfactory and have been in use for 20 years or more. The amount of solder saved is considerable. The ordinary wiped joint for an inch pipe takes about a pound whereas the spigot joint needs something like a tenth of an ounce and the time taken is a good deal less. The Amalgaline joint has also been in use for a number of years and is more commonly known among plumbers as a "run" joint. While it saves a considerable percentage of solder, it is not so economical as the soldered spigot.

The latter joint is described, and the method of making it fully illustrated, in a recent pamphlet by the Lead Industries Development Council, who also recommend leadburning, particularly when the pipework is being carried out largely in the plumber's shop. Copies of the pamphlet can be obtained from Eagle House, Jermyn Street, London, S.W.1.

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

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A.J. 7.8.47

Announcements

The Isle of Wight office of Mr. H. V. Lobb, F.R.I.B.A., Chartered Architect, is now 16, Bath Road, Cowes. Telephone Cowes 291. He would be pleased to receive trade catalogues at this address, particularly those relating to housing and industrial work.

At the Annual General Meeting of the British Standards Institution, Lord McGowan was elected President in succession to Lord Woolton. It was announced also that Sir Clifford Paterson, F.R.S., had been elected Chairman of the General Council in succession to Sir William Larke.

The next meeting of the Edifice Golfing Society will be held at Ifield in September. Membership is limited to architects, builders, builders' merchants, and manufacturers of building materials, in the County of Sussex. Further information can be obtained from the Hon. Secretary, A. E. Hudson, 59, Carlisle Road, Eastbourne.

Mr. A. E. Dowsey, A.R.I.B.A., Chief Assistant Architect, County Borough of Great Yarmouth, has been appointed Architect and Consultant to the Twenty First Century Corporation Ltd., of Nassau, the Bahamas, British West Indies. He will be pleased to receive trade catalogues and trade literature at his London office, 2/3 Norfolk Street, London, W.C.2.

Muir Machine Tools Ltd., Britannia Works, Manchester, has taken the new title of David Brown Machine Tools Ltd.

The first meeting of the Council of the International Organization for Standardization has been held in Zurich. The Council consists of the National Standards bodies of the following countries:—Australia, Belgium, Brazil, China, France, India, Norway, Switzerland, United Kingdom, USA, USSR. The Council appointed M. Henri St. Leger

to be General Secretary, and his office will be situated in Geneva. An extensive programme of technical work will be submitted to the standards organizations in the different countries for consideration.

Mr. E. Thornley, Manager of Henley's Birmingham Branch, retired on June 30 after 35 years with the company, having reached the retiring age. Mr. F. C. Horsford, ASSOC.I.E.E., who succeeds Mr. Thornley as from July 1, joined the company in 1911, was appointed Engineering Sales Representative for the London area in 1922, and Engineering Sales Superintendent in 1942.

Mr. W. R. S. Hodgson has resigned the Secretaryship of the Lead Industries Development Council, having been appointed to a managerial post in another industry.

He is succeeded by Mr. A. C. Drummond. Mr. Drummond, who was educated at Christ's Hospital, has recently returned from Austria, where he has been a Senior Officer of the Military Government since V.E. day.

The Council of the RIBA has approved a proposal to set up an Advisory Panel to furnish advice to younger members of the profession in London who choose to apply to the Secretary for confidential guidance on the question of entering into private practice. The Allied Societies are also being invited to set up panels for the purpose in their respective areas.

The telephone numbers of Walter Lilly and Co., Ltd., Orchard Works, St. Ann's Street, Westminster, London, S.W.1, are now Abbey 4661 (four lines).

The RIBA Council have approved a proposal by which the firm of School Prints in collaboration with Messrs. Lund Humphreys will publish sets of really good architectural photographs with explanatory scripts for use in schools in connection with lectures and talks. It is hoped to issue these at the rate of one set per term

starting in the Autumn, and Mr. Cecil Stewart, A.R.I.B.A., will edit the first set. These sets will have the official recognition of the Institute and it will be recorded in each set.

The Board of Trade announces that as the winding-up of the Home Timber Production is now well advanced, the following officers have been released from their appointments in that Department as from July 1, 1947:—Sir Gerald Lenanton, Director; Sir Samuel Strang Steel, B.T., T.D., Deputy Director, Scotland; Mr. Ralph Grut, Deputy Director (England and Wales), and Finance Officer; Sir Samuel Strang Steel has agreed to act in an advisory capacity to the Department in Scotland. The liquidation of the Department's operations will be continued under the direction of Mr. H. L. Wright, as Officer-in-Charge, Vassell Road, Fishponds, Bristol. For the time being the Department's Scottish office at 28, Drumsheugh Gardens, Edinburgh, will also remain open, and correspondence for the Department in Scotland should still be sent to that address.

Publications Received

Old Glasgow, by Ronald Cant and Ian Lindsay. Oliver and Boyd. 2s. 6d.

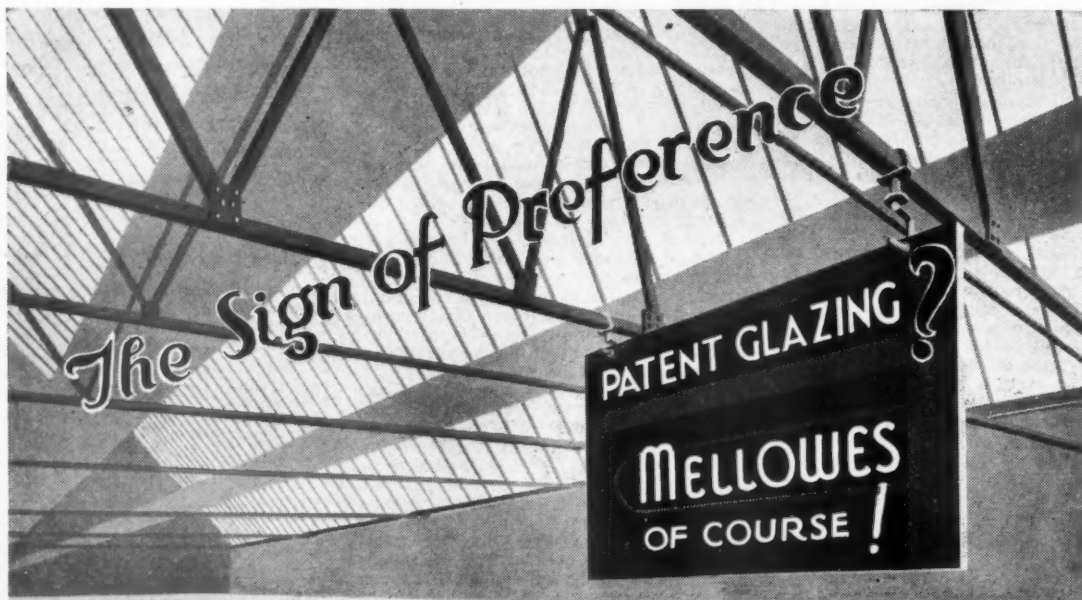
Men of Taste, by Martin S. Briggs. Batsford. 15s.

Edinburgh, by C. Scott-Moncrieff. Batsford. 15s.

Trees for Town and Country, by S. R. Badwin. Lund, Humphries. 25s.

Byzantine Legacy. Cecil Stewart. George Allen & Unwin, Ltd. 25s.

Catalogue of Maps in the Essex Record Office, 1566-1860. Essex County Council. £1 1s. 0d.



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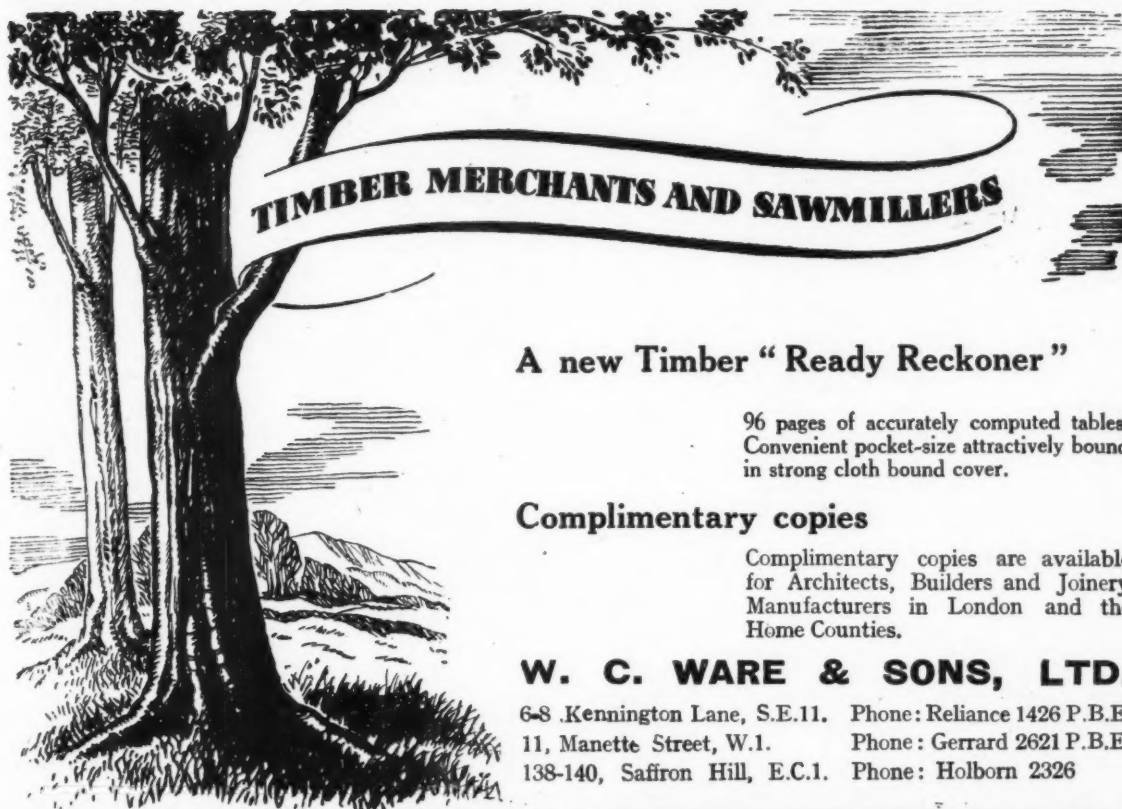
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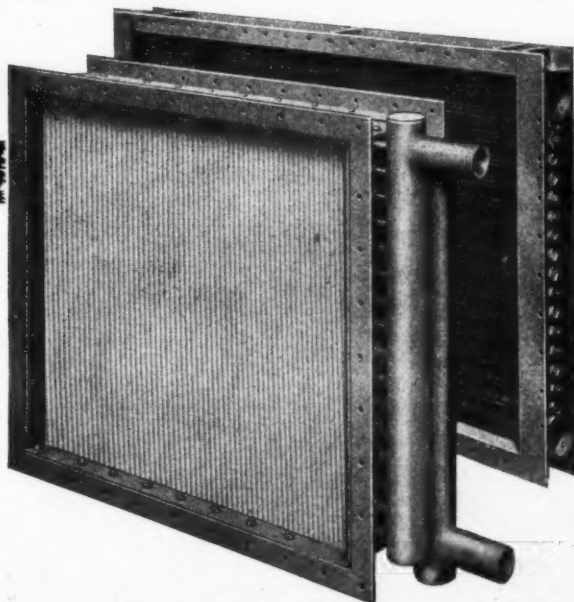
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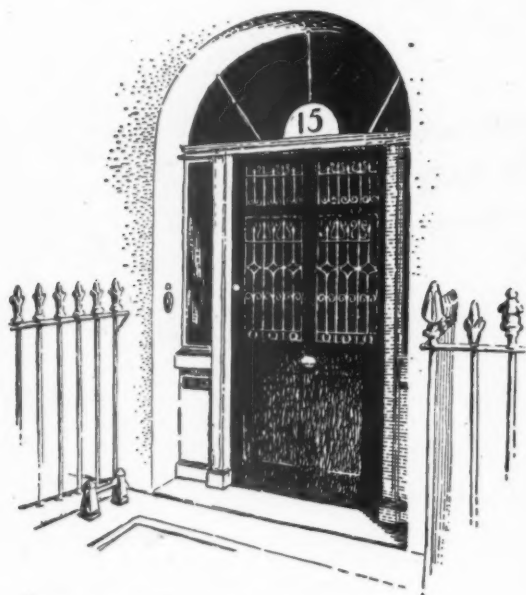
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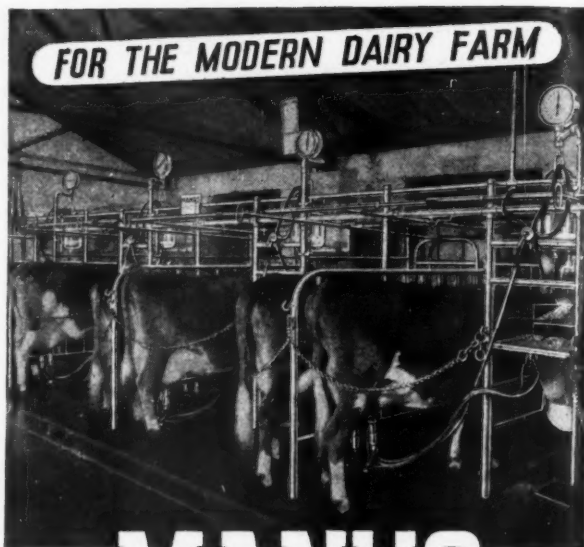


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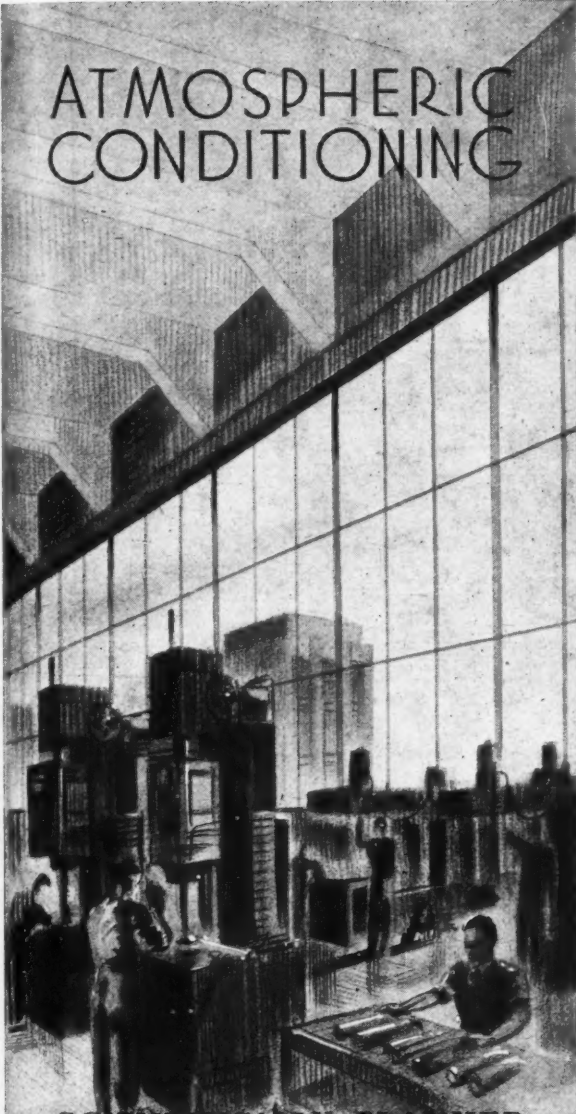
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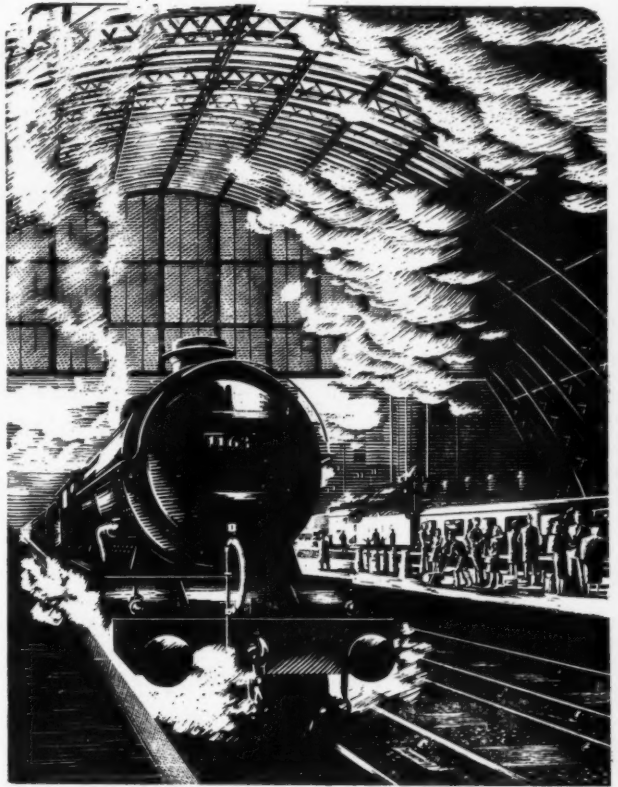
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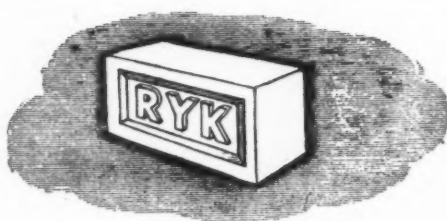


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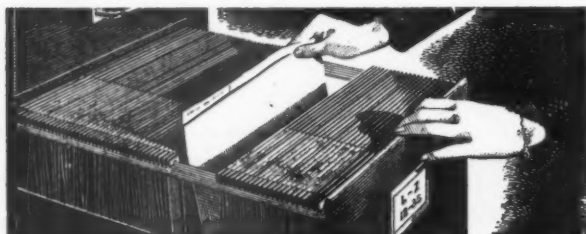


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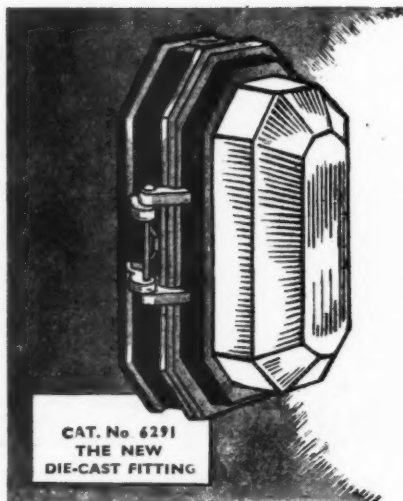
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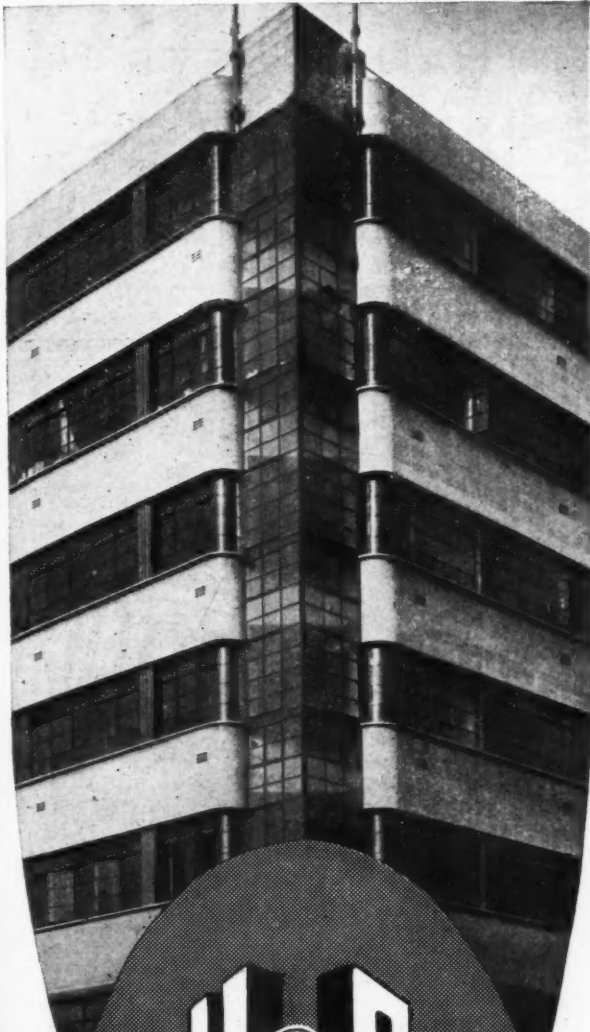
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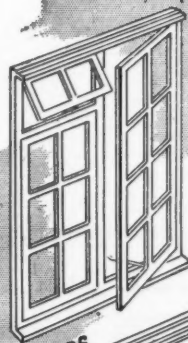
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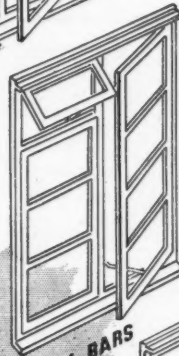
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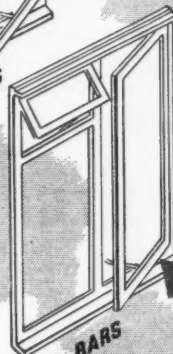


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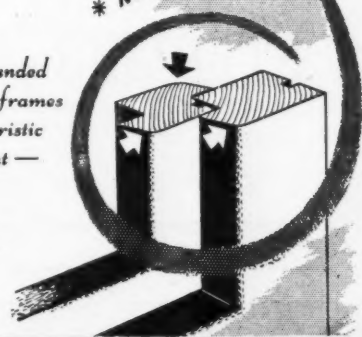
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Advertisements should be addressed to the Advt. Manager, "The Architects' Journal," 9, 11 and 13, Queen Anne's Gate, Westminster, S.W.1, and should reach there by first post on Friday morning for inclusion in the following Thursday's paper.

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

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LONDON COUNTY COUNCIL.
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PLANNING OFFICER, Grade III, up to £700 a year.

TECHNICAL ASSISTANT, up to £580 a year. Commencing rate according to qualifications and experience. Opportunities for competing for permanent appointment and promotion. Successful candidates will be superannuable.

The planning work involved includes assistance in the detailed development of Reconstruction Area schemes and the preparation of revised zoning plans.

A knowledge of current town planning legislation is desirable in all cases, and candidates for Grade III positions should possess architectural, surveying or town planning qualifications.

Application forms obtainable from Architect to the Council, County Hall, S.E.1 (enclose stamped addressed envelope), returnable not later than 10 days from this date.

Canvassing disqualifies. (1680) 535

COUNTY BOROUGH OF HUDDERSFIELD.
Applications are invited for the following appointments in the Borough Architect's Department:

(a) ASSISTANT QUANTITY SURVEYOR (Grade V). Salary £460-£510.

(b) ASSISTANT QUANTITY SURVEYOR (Grade IV). Salary £420-£465.

For each of the posts, in addition to the salary, a bonus, at present £59 16s. per annum, will be payable.

Applicants must have experience in the preparation of Bills of Quantities, Specifications, Estimates, and the Settlement of Final Accounts, and preference will be given to Professional Associates of the Chartered Surveyors' Institution.

Conditions of service are those formulated by the National Joint Council, and the appointments are subject to the provisions of the Local Government Superannuation Act, 1937. The successful candidates will be required to pass a medical examination.

Applications, endorsed "Assistant Quantity Surveyor, Grade V" (or "Grade IV"), together with not more than three recent testimonials, should be delivered to the Borough Architect, High Street Buildings, Huddersfield, not later than the 23rd August, 1947.

HARRY BANN,
Town Clerk. 968

The Town Hall, Huddersfield.
COUNTY BOROUGH OF HUDDERSFIELD.
Applications are invited for the following appointments in the Borough Architect's Department:

(a) SENIOR TOWN PLANNING ASSISTANT (Grades VI-VII). £535-£650. The commencing salary may be above the minimum of the grade, depending on the candidate's experience. Candidates must have had considerable experience in all aspects of statutory planning, interim development control and planning procedure in general. Candidates should be Associate Members of the Town Planning Institute, and additional qualifications in Architecture or Engineering or Surveying will be an advantage.

(b) TOWN PLANNING ASSISTANT (Grade V). £460-£510. Candidates should be Associate Members of the Town Planning Institute, and planning office experience is essential.

(c) TOWN PLANNING ASSISTANT (Grade I). £330-£375. Applicants should have had interim development experience in a planning office, and preference will be given to candidates who are Students of the Town Planning Institute.

For each of the posts, in addition to the salary, a bonus, at present £59 16s. per annum, will be payable.

Conditions of service are those formulated by the National Joint Council, and the appointments are subject to the provisions of the Local Government Superannuation Act, 1937. The successful candidates will be required to pass a medical examination.

Applications, appropriately endorsed, together with not more than three recent testimonials, should be delivered to the Borough Architect, High Street Buildings, Huddersfield, not later than the 23rd August, 1947.

HARRY BANN,
Town Clerk. 969

The Town Hall, Huddersfield.

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The Governing Body invite immediate applications for the following appointments, to commence in September, 1947.

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The remuneration attached to the above appointments will be in accordance with the Burnham Scale, the commencing salary being determined according to the training, professional experience, and war service in individual cases. Applicants are expected to have the professional qualification appropriate to the appointment, and some experience in lecturing will be considered an advantage. Members of the full-time staff are permitted to engage in private practice, for which purpose teaching duties are usually adjusted so as to allow a reasonable amount of free time.

Forms of application, together with full particulars, will be forwarded on receipt of a stamped, addressed foolscap envelope (state appointment for which application is made).

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STUDIO MASTERS IN ARCHITECTURAL DESIGN IN THE DAY AND EVENING SCHOOLS.

Applications should be made in writing, giving brief particulars of training and experience.

R. H. CURRELL, Clerk. 971

COUNTY OF DEVON.

COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited for the following appointments on the permanent staff in accordance with National Scale of Salaries:—

(a) THREE ASSISTANT ARCHITECTS, A.P.T., Grade III. Salary £390-£435 per annum.

(b) ASSISTANT ESTIMATOR AND SURVEYOR, A.P.T., Grade III. Salary £390-£435 per annum.

The salaries are subject to the addition of cost-of-living bonus, at present £59 15s.

Candidates for (a) must be fully qualified and possess a sound experience in the design and maintenance of all types of buildings carried out by a large Local Authority.

Candidates for (b) should have passed at least the Intermediate Examination of the Royal Institute of Chartered Surveyors (Quantities Sub-division), and be capable of undertaking preparation of detailed estimates, taking off quantities from drawings for variations; preparation and settlement of final accounts and the general technical duties in the Estimating Section of the County Architect's Department.

Applications, stating age, qualifications and experience, accompanied by not more than three recent testimonials, should be sent to the County Architect, 97, Heavitree Road, Exeter, not later than Wednesday, the 27th August, 1947.

The appointments will be subject to one month's notice on either side, and to the provisions of the Local Government Superannuation Act, 1937.

The successful candidates will be required to pass a medical examination.

H. A. DAVIS, Clerk of the County Council.

The Castle, Exeter. 945

COUNTY OF LINCOLN—PARTS OF LINDSEY.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments on the permanent staff at salaries in accordance with the National Scheme.

(a) SENIOR QUANTITY SURVEYOR, Grade VI/VII, £535 per annum, rising to £650 plus bonus.

(b) SECTIONAL CHIEF ASSISTANT ARCHITECT, Grade V/VI, £460 per annum, rising to £600, plus bonus.

(c) THREE SENIOR ASSISTANT ARCHITECTS, Grade V, £460 per annum, rising to £510, plus bonus.

(d) SENIOR ASSISTANT ARCHITECT, Grade IV, £420 per annum, rising to £465, plus bonus.

(e) MAINTENANCE ASSISTANT (ENGINEERING), Grade IV, £420 per annum, rising to £465, plus bonus.

The cost-of-living bonus is at present £59 16s. per annum.

Candidates should clearly state for which appointment application is being made, and preference will be given to Members of the R.I.C.S. in the case of appointment (a) and Associates of the R.I.B.A. in the case of (b), (c) and (d). Applicants for (e) should possess sound knowledge of heating installations, electrical equipment, and repairs, and be able to prepare schemes and estimates of small works.

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

A car allowance on the County Council's scale for a car not exceeding 19 h.p. will be made in approved cases.

Applications should be sent, not later than seven days after the date of this advertisement, to the County Architect, County Offices, Lincoln, stating age, qualifications, experience, past and present appointments, and should be accompanied by not more than three testimonials.

ERIC W. SCORER, Clerk to the County Council. 952

County Offices, Lincoln.

COUNTY BOROUGH OF SWANSEA.

Applications are invited for the following appointments, on the established staff in the Borough Architect's Department:—

(a) ASSISTANT ARCHITECT (Grade IV). Salary £420, rising by annual increments of £15 to £465 per annum.

(b) ASSISTANT QUANTITY SURVEYOR (Grade IV). Salary £420, rising by annual increments of £15 to £465 per annum.

(c) ASSISTANT QUANTITY SURVEYOR (Grade II). Salary £360, rising by annual increments of £15 to £405 per annum.

(d) ASSISTANT QUANTITY SURVEYOR (Grade I). Salary £330, rising by annual increments of £15 to £375 per annum.

The salary scales are those of the A.P. and T. Division of the National Scheme of Conditions of Service, and are exclusive of the "cost-of-living" bonus, payable in addition at the will of the Council (current rate 23s. per week).

Applicants must be under 45 years of age.

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

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

Forms of application may be obtained from the Borough Architect (Mr. H. T. Wykes, F.R.I.B.A.), Guildhall, Swansea.

Applications, accompanied by copies of three recent testimonials, and enclosed in an envelope endorsed "Assistant Architect" or "Assistant Quantity Surveyor," as the case may be, must be delivered to the undersigned not later than Monday, 18th August, 1947.

Canvassing, directly or indirectly, will disqualify.

T. B. BOWEN, Town Clerk. 942

Guildhall, Swansea.

18th July, 1947.

CITY OF MANCHESTER.
APPOINTMENT OF DEPUTY CITY ARCHITECT.

Applications are invited from persons, who have had a thorough training in architectural design and construction, preferably with a degree or diploma of a School of Architecture, and who should be Fellows or Associates of the Royal Institute of British Architects and Associate Members of the Town Planning Institute, for the position of Deputy City Architect, at a salary of £1,200, rising by biennial increments of £100 to £1,400 per annum, plus cost-of-living bonus, at present £60 per annum.

Particulars as to duties, terms, and conditions of the appointment and forms of application can be obtained from the undersigned.

Applications, endorsed "Deputy City Architect," are to be delivered not later than the 18th August, 1947.

Candidates serving in H.M. Forces abroad need not complete the official form of application, but may submit direct applications within the date specified, giving particulars of age, education, qualifications, and experience, and three names as references. The number of the applicant's release group and probable date of release should also be stated.

Canvassing in any form, oral or written, direct or indirect, will be regarded as a disqualification, and applications and testimonials must be sent to the Town Clerk only and not to members of the Council.

PHILIP B. DINGLE, Town Clerk. 964

Town Hall, Manchester.

COUNTY BOROUGH OF EAST HAM.
APPOINTMENT OF ARCHITECTURAL ASSISTANTS.

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

(1) PERMANENT ARCHITECTURAL ASSISTANT (Grade IV). Candidates must be Associate Members of the Royal Institute of British Architects or hold an equivalent qualification, and have a general knowledge and experience of architectural work, preferably in the service of a local authority. Salary £440 to £485 per annum.

(2) TEMPORARY JUNIOR ARCHITECTURAL ASSISTANT (Grade I). Preference will be given to candidates who have passed the Intermediate Examination of the Royal Institute of British Architects or hold an equivalent qualification, and have general knowledge and experience of architectural work. Salary £350 to £395 per annum.

The salaries quoted above include the London allowance. War bonus (at present £59 16s. per annum in the case of men over 21) will be paid in addition.

The appointments will be subject to the Council's conditions of service in force from time to time for permanent or temporary staff, as the case may be, to the provisions of the Local Government Superannuation Act, 1937, and the successful candidates will be required to pass a medical examination.

Applications, on forms obtainable from the undersigned, must be delivered to me, together with copies of three recent testimonials, by not later than Friday, the 22nd August, 1947. Applicants should state the position for which they desire to apply.

Canvassing will disqualify.

H. A. EDWARDS, Town Clerk. 974

Town Hall, East Ham, E.6.

30th July, 1947.

CITY OF COVENTRY.

Applications are invited for the following whole-time appointments on the permanent staff of the City Architectural Department:—

(a) TWO ASSISTANT ARCHITECTS, one vacancy each in the Housing and Education Sections.

Salary, Grade A.P.T. V, commencing at £460 per annum and rising to £510 per annum. Candidates should be Associate Members of the Royal Institute of British Architects, or hold equivalent qualifications.

It is hoped that accommodation may be made available for a suitable married applicant for the Housing Section vacancy.

(b) ONE ASSISTANT ARCHITECT.

Salary, Grade A.P.T. III, commencing at £390 per annum and rising to £435 per annum.

(c) ONE ASSISTANT ARCHITECT.

Salary, Grade A.P.T. II, commencing at £360 per annum and rising to £405 per annum.

(d) ONE SENIOR ASSISTANT QUANTITY SURVEYOR.

Salary, Grade A.P.T. V, commencing at £460 per annum and rising to £510 per annum. Candidates should be Professional Associates of the Royal Institution of Chartered Surveyors (Quantity Division).

Salary increments are subject to satisfactory service. The above salaries are exclusive of the Council's cost-of-living bonus, which may vary, but which at present amounts to 23s. per week.

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. 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 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 applied, not later than Tuesday, the 26th August, 1947. Canvassing, directly or indirectly, will be a disqualification.

D. E. E. GIBSON,
City Architect.

14, Warwick Row, Coventry.

7th August, 1947.

991

The Ministry of Works invite applications for up to six posts of ASSISTANT INSPECTORS OF ANCIENT MONUMENTS.

Candidates must be between 23 and 37 years of age, and will be expected to show proof of enthusiasm for and practical experience of archaeology, especially of the mediaeval period. Those with a University degree will normally be preferred. Successful candidates may be required to reside anywhere in Britain.

Inclusive salary, £330-£220-£490-£25-£700 for men in London; rather less in the provinces and for women.

The starting pay of candidates will be adjusted, by the addition of one increment to the minimum, for each year by which their ages exceed 23 up to a limit of eight increments.

Applications will be scrutinized by the Ministry of Works in association with the Civil Service Commissioners, and those candidates who appear to be best qualified will be summoned to an interview before a Selection Board which will be held by the Civil Service Commission in London; the Board will recommend for the vacancies existing those candidates considered most suitable.

Further particulars and application forms may be obtained from the Director of Establishments, Ministry of Works, Room 523, Lambeth Bridge House, S.E.1 (preferably by postcard). Completed applications must be returned to the Ministry of Works by 30th September, 1947, for candidates in the United Kingdom, and by 31st October, 1947, for candidates now overseas. 993

CIVIL SERVICE COMMISSION.

Applications are invited for seven appointments as JUNIOR INVESTIGATOR IN THE ROYAL COMMISSION ON HISTORICAL MONUMENTS (ENGLAND).

The scales of salary will be £330-£20-£590-£25 to £275 for men, and £330-£20-£550-£25 for women. The salary scales are somewhat lower in the provinces. There are prospects of appointment to higher posts. Starting salary will be increased by one increment above the minimum for each year of age over 24, subject to a maximum of six such increments. The appointment will carry the usual Civil Service conditions as to pension, holidays, etc.

Candidates must be British subjects between the ages of 21-35 years on 1st August, 1947. They must satisfy the Civil Service Commissioners that they have received such systematic education and possess such knowledge as to fit them for the post. Those holding a University degree or corresponding qualification will be given preference. A knowledge of the history and practice of English Architecture is necessary.

Forms of application, with further particulars of the appointments, may be obtained from the Secretary, Royal Commission on Historical Monuments (England), 37, Onslow Gardens, London, S.W.7, quoting No. 1856. No application can be considered unless received on the prescribed form not later than the 15th September, 1947 (for candidates in the United Kingdom), or 15th October, 1947 (for candidates overseas). 992

METROPOLITAN BOROUGH OF HAMPSHIRE.
APPOINTMENT OF CHIEF ARCHITECTURAL ASSISTANT (A.P.T. VII-VIII).
HOUSING ARCHITECT'S SECTION.
BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

Applications are invited for the appointment of Chief Architectural Assistant, on the permanent staff of the Housing Architect's Section of the Borough Engineer and Surveyor's Department, at a salary in accordance with Grades VII-VIII of A.P.T. Division, National Scales of Salaries, £575-£700 per annum, plus £20 London weighting and bonus at present £59 16s. per annum. Age limit: 45 years of age on 1st June, 1947.

Applicants must be Registered Architects and also qualified by examination. A knowledge of Town Planning will also be considered an advantage.

Applications, stating (a) age, (b) examination qualifications, (c) present and past appointments with dates and salaries, (d) detailed particulars of experience, and accompanied by copies of three recent testimonials, must be delivered to me in a sealed envelope endorsed "Chief Architectural Assistant," not later than 12 noon on Monday, 25th August, 1947.

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

The conditions of service are those in the National Scheme for Local Government Officers, and the appointment will be terminable by one calendar month's notice on either side.

Canvassing will disqualify.

P. H. HARROLD,

Town Clerk.

Town Hall, Havestock Hill, N.W.3.

July, 1947.

509

BRITISH BROADCASTING CORPORATION
invites applications from men, aged 35/45, for the post of CHIEF DRAMATIST (ARCHITECTURAL), to take charge of a small Architectural Drawing Office in London. Applicants, who must be Registered Architects, must have the ability and personality to control staff, and have had previous experience in a similar capacity. Salary on appointment will be dependent on qualifications and experience, and subject to favourable report, will rise thereafter by annual increments of £40 to a maximum of £890 per annum. Applications, stating age, qualifications, past and present appointments and experience, should reach the Engineering Establishment Officer, Broadcasting House, London, W.1, within 14 days of the appearance of this advertisement. 510

CITY OF WESTMINSTER.

DEPUTY DIRECTOR OF HOUSING. £1,000-£50-£1,300 per annum, plus bonus, now £59 16s., the commencing salary to be dependent on the experience of the person appointed.

Applicants to be Registered Architects (or otherwise entitled to describe themselves as Architects), not over 50 years, with good architectural experience, including housing, and to have wide general experience in administration.

The appointment is subject to a satisfactory medical report, and to the provisions of the Council's Standing Orders, General Regulations and Superannuation Scheme. Canvassing will disqualify.

Applications, marked "Deputy Director of Housing," stating name, address, age, war service, professional and academic qualifications, general architectural experience, housing experience, experience in Government and Local Government work (if any), whether related to any member or chief officer of the Council, with copies of three recent testimonials, must be received by the undersigned not later than 1st September, 1947.

PARKER MORRIS,

Town Clerk.

Westminster City Hall, Charing

Cross Road, W.C.2.

30th July, 1947.

522

COUNTY BOROUGH OF BURNLEY.

BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

Applications are invited for the appointment of SENIOR ARCHITECTURAL ASSISTANT, at a salary in accordance with Grade V of the National Scales, viz. £460-£510, plus bonus, at present £59 16s. per annum. The commencing salary will be fixed in accordance with experience and qualifications.

Applicants should have had experience in the design of Educational Buildings, and preference will be given to Associates of the Royal Institute of British Architects.

Conditions of service are those formulated by the National Joint Council, and the appointment is on the established staff and subject to the provisions of the Local Government Superannuation Act, 1937. The successful applicant will be required to pass a medical examination.

Forms of application may be obtained from the Borough Engineer and Surveyor, Town Hall, Burnley, to whom applications should be returned in the envelope provided, not later than noon on Monday, the 25th August, 1947.

C. V. THORNEY,

Town Clerk.

Town Hall, Burnley.

28th July, 1947.

505

HARLOW DEVELOPMENT CORPORATION.
APPOINTMENT OF CHIEF OFFICERS.

The Harlow Development Corporation desires to thank those who submitted applications for the appointment of Chief Officers to the Corporation and to state that the positions have now been filled.

W. ERIC ADAMS,

General Manager.

25th July, 1947.

CITY OF CANTERBURY COLLEGE OF ART, ST. PETER'S STREET, CANTERBURY, KENT.
DEPARTMENT OF ARCHITECTURE.

Full-time STUDIO MASTER required immediately for work in connection with the Intermediate Course, 1st year. Previous teaching experience desirable, but not essential. Salary in accordance with Burnham Provincial Technical Scale. Initial rate according to previous teaching and/or professional experience.

Applications by letter, stating qualifications, should reach the Principal as soon as possible.

JAMES GREEN,

Chief Education Officer.

METROPOLITAN BOROUGH OF STEPNEY.

The Council of the above Borough invite applications for FOUR TEMPORARY ARCHITECTURAL ASSISTANTS. Two of these positions are within Grade A.P.T. V of the National Scheme of Conditions of Service (basic annual salary £460, rising to £510), and two are within Grade A.P.T. II, of the National Scheme (basic annual salary £360 to £405). In addition to the basic salary, there will be paid the London weighting allowance of £20 and cost-of-living bonus, at present £59 16s. per annum. Candidates should not be more than 40 years of age, and Associates or Licentiates of the Royal Institute of British Architects are preferred. Applications, stating age and experience, should be delivered to the undersigned not later than the 16th August, 1947. Canvassing on behalf of any applicant, either directly or indirectly, will disqualify.

J. E. ARNOLD JAMES,

Town Clerk.

London Fruit Exchange, Duval Street, E.1 999

CROWN AGENTS FOR THE COLONIES.

Applications from qualified candidates are invited for the following post:—

QUANTITY SURVEYOR required by the Sierra Leone Government Public Works Department for one tour of 18 to 24 months, with prospect of permanency. Commencing salary and expatriation pay up to £740 a year, according to experience, rising to £1,200 a year. Outfit allowance £60. Free passages. Candidates must be able to prepare Bills of Quantities for Estimates and Contracts by direct or indirect labour. Apply at once by letter, stating age, whether married or single, and full particulars of qualifications and experience, and mentioning this paper, to the Crown Agents for the Colonies, 4, Millbank, London, S.W.1, quoting M/N/16043 on both letter and envelope. 990

METROPOLITAN BOROUGH OF FULHAM.

HOUSING AND PUBLIC BUILDINGS DEPARTMENT.

Applications are invited for the following permanent appointments. The salaries quoted are in accordance with the scales of salary recommended by the National Joint Council for Local Authorities, Administrative, Professional, Technical and Clerical Services, and a cost-of-living bonus is payable in addition, except in the salaries quoted for junior appointments between the ages of 16 and 20, which are inclusive of cost-of-living bonus and London weighting allowance. The terms and conditions of the appointments will be in accordance with the terms and conditions of service as applied by the Council.

CHIEF ASSISTANT ARCHITECT.

A.P.T. Grade VII, £595-£25-£670 per annum. Candidates must be Chartered or Registered Architects, and have a wide experience in the design and construction of blocks of flats and other buildings required by a Local Authority, administration, control of staff, and Local Government procedure.

ASSISTANT ARCHITECTS.

Two appointments in A.P.T. Grade VI, £555-£20 per annum.
Three appointments in A.P.T. Grade IV-V, £440-£530 per annum.

Candidates must be Chartered or Registered Architects, experienced in the design and construction of blocks of flats, and Local Government procedure.

QUANTITY SURVEYOR.

A.P.T. Grade VII, £595-£25-£670 per annum. Applicants must be qualified Quantity Surveyors, with good knowledge of administration and experience in the settlement of accounts.

JUNIOR ARCHITECTURAL ASSISTANTS

(Male). Two appointments in the General Division on the following scale:—

Age 16, £124 16s.; age 17, £127 8s.; age 18, £146 4s.; age 19, £175 2s.; age 20, £201 12s.; age 21, general division scale.

Candidates should be Probationers or about to sit for the Probationer R.I.B.A. examination. Official form on which application must be made can be obtained from me on receipt of an addressed postcard envelope, to be returned clearly indicating the post applied for, not later than 18th August, 1947, together with copies of not more than three recent testimonials.

CYRIL F. THATCHER,

Town Clerk.

Town Hall, Fulham, S.W.6.

August, 1947.

994

WEST SUSSEX COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
 Applications are invited for the appointment on the permanent staff of an ASSISTANT QUANTITY SURVEYOR, at a commencing salary of £460 per annum, rising by two annual increments of £15 and one of £20 to £510 per annum, in accordance with Grade V (A.P.T. Division) of the National Scales of Salaries. A cost-of-living bonus, at present £59 16s. per annum, will be payable in addition to the salary stated.
 Further particulars may be obtained from F. R. Steele, F.R.I.B.A., F.S.I., M.T.P.I., County Architect, County Hall, Chichester, to whom detailed applications must be submitted not later than the 15th August, 1947.

T. C. HAYWARD,
 Clerk of the County Council.
 County Hall, Chichester.
 15th July, 1947. 936

CORPORATION OF LONDON.
CITY SURVEYOR'S OFFICE.
APPOINTMENT OF TECHNICAL STAFF.
 Applications are invited for the following appointment in the City Surveyor's Office:—
ASSISTANT ARCHITECT AND SURVEYOR.
 Salary up to £475 p.a. (inclusive of consolidated bonus), according to age, qualification and experience.

The applicant should either have qualified or be about to qualify for Associate Membership of the Royal Institute of British Architects or Associate Membership of the Royal Institute of Chartered Surveyors (Building Sub-division).

The appointment is for the present on a temporary basis, and will be concerned principally with the reinstatement of war damage to a variety of types of properties. In the event of establishment to the permanent staff temporary service will count for the purpose of superannuation. Such appointment will be subject to the provisions of Local Government Superannuation, and applicants will be required to pass a medical examination.

Previous experience with a Municipal body is not essential.

Applications, endorsed "Technical Staff," to be made to George Holliday, F.S.I., City Surveyor, 55-51, Moorgate, E.C.2, giving the following particulars: Service with Armed Forces, age, qualification or intentions in connection therewith, previous training, positions and experience, date when available to commence duties if selected, together with copies of two testimonials.

979

COUNTY OF LINCOLN—PARTS OF

KESTEVEN.
COUNTY ARCHITECT'S DEPARTMENT.
 Applications are invited for the appointment of ASSISTANT ARCHITECT, in the above Department.

Salary will be in accordance with Grade VI of the A.P.T. Division of the National Scales, i.e., £355, rising by annual increments of £20 and £25 to a maximum of £600 per annum, plus cost-of-living bonus of £59 16s. per annum. Travelling and subsistence allowances will be paid on the Council's scales.

A.R.I.B.A., or similar qualification, is essential, and experience in Educational and General County work is desirable.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937, to a satisfactory medical certificate, and to termination by three months' notice in writing on either side.

Applications, stating age, experience, and qualifications, present appointment and salary, together with copies of two recent testimonials, should be received by the undersigned not later than the 30th August, 1947.

Canvassing, either directly or indirectly, will be disqualifying.

J. E. BLOW,
 Clerk of the County Council.
 County Offices, Sleaford, Lincs. 507

BOROUGH OF WISBECH.
BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant, Grade III, A.P.T. Division of the National Scale, £390×£15 to £435, plus cost-of-living bonus, at present £59 16s. per annum.

Applicants should have had general architectural experience. The appointment will be subject to the provisions of the Local Government and Other Officers' Superannuation Act, 1937, and to the successful candidate passing a medical examination, and to one calendar month's notice on either side.

The person appointed will be required to devote the whole of his time to the duties of the particular office.

Applications, suitably endorsed, stating age, qualifications, and particulars of experience, accompanied by copies of two recent testimonials, should be received by the undersigned not later than Friday, 29th August, 1947.

Canvassing, either directly or indirectly, is prohibited, and candidates should state in their applications whether to their knowledge, they are related to any member of, or holder of, any senior office to the Council.

J. E. SIDDALL,
 Town Clerk.
 Town Hall, Wisbech, Cambs.
 29th July, 1947. 508

LEICESTER COLLEGE OF ART.
SCHOOL OF ARCHITECTURE.
 Applications are invited for the post of SENIOR INSTRUCTOR, to take up duties in September next. Salary scale, £600-£750, with placing according to qualifications and experience.
 Applications (no special forms) should be sent to the Registrar, accompanied by two recent testimonials, within two weeks of the date of publication of this advertisement. 519

LONDON COUNTY COUNCIL.
QUANTITY SURVEYORS.

Vacancies exist for Quantity Surveyors, in the Housing and Valuation Department, for work in connection with the development of cottage estates and the construction of multi-storey dwellings, at consolidated salaries of up to £700 a year, the commencing salary in each case being determined according to qualifications and experience. Successful candidates will be required to contribute to the Council's Superannuation and Provident Fund, and will be eligible for appointment to the Council's permanent staff and for advancement on the occurrence of vacancies.

Duties will include:—
 (a) Measurement of work in construction of houses, roads and sewers, preparation of interim and final bills; measurement and adjustment of sub-contracts; preparation of cost statistics, estimates, etc.
 (b) Management of housing contracts of considerable value; interim valuations for payments; measurements of variations and settlement of final accounts.

Forms of application may be obtained from the Director of Housing and Valuer, The County Hall, Westminster Bridge, S.E.1 (a stamped addressed foolscap envelope required). Completed forms must be returned not later than seven days after the appearance of this notice. Canvassing disqualifies. (632). 997

SURREY COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
ASSISTANT BUILDING SURVEYOR.

Applications are invited for the appointment of an Assistant Building Surveyor, Grade V, at a commencing salary of £460, rising by annual increments of £15/20 to a maximum of £510 per annum, plus London allowance of £20, and cost-of-living bonus, at present £59 16s. per annum.

Applicants should possess approved qualifications and experience, and preference will be given to those who are members of the Royal Institution of Chartered Surveyors (Building Sub-division). They should be capable of drafting specifications in all trades, preparing schedules of dilapidations, the preparation of detailed estimates for general maintenance works, and surveys of properties.

Applications, stating age, qualifications and experience, and accompanied by copies of three recent testimonials, should be sent to the County Architect, Surrey County Council, County Hall, Kingston-upon-Thames, not later than the 23rd August, 1947.

Canvassing, either directly or indirectly, will disqualify a candidate from consideration.

DUDLEY AUKLAND,
 Clerk of the Council.
 County Hall, Kingston-upon-Thames. 506

CROWN AGENTS FOR THE COLONIES.
 Applications from qualified candidates are invited for the following post:—

QUANTITY SURVEYOR required by the Government of the Malayan Union, Public Works Department, for a tour of three years, with possibility of permanency. Commencing salary according to age, experience, and war service in the scale \$4,800, rising to \$9,600 a year, plus cost-of-living allowance up to \$1,920 a year. Children's allowance \$50 a month for the first child and \$35 for the second. (Malayan dollar equals 2s. 4d.). Outfit allowance £60. Free passages. Candidates should be Chartered Quantity Surveyors, and have had at least two years' experience, after pupillage, in all aspects of the work. Apply at once by letter, stating age, whether married or single, and full particulars of qualifications and experience, and mentioning this paper, to the Crown Agents for the Colonies, 4, Millbank, London, S.W.1, quoting M/N/18275 on both letter and envelope. 512

LANCASHIRE COUNTY COUNCIL.
COUNTY PLANNING OFFICER.

Applications are invited for the appointment of County Planning Officer, at a salary at the rate of £2,000 per annum, plus current cost-of-living bonus.

Applicants must possess organizing and administrative ability, and have had wide experience in the preparation and administration of planning schemes.

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

Applications, stating age, qualifications and experience, and giving the names and addresses of three persons to whom reference may be made, should be sent to the undersigned in sealed envelopes, endorsed "County Planning Officer," by not later than the 30th August, 1947.

R. H. ADCOCK,
 Clerk of the County Council.
 County Offices, Preston.
 31st July, 1947. 501

COUNTY BOROUGH OF GREAT YARMOUTH.
BOROUGH ENGINEER'S DEPARTMENT.
APPOINTMENT OF SENIOR ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of a permanent SENIOR ARCHITECTURAL ASSISTANT, at a salary in accordance with Grade V of the National Scale of Conditions of Service, commencing at £460 per annum, rising to a maximum of £510 per annum, plus cost-of-living bonus, at present £59 16s.

Applicants for the appointment should be Associates of the Royal Institute of British Architects, and must have had experience in design and construction, particularly in relation to housing, schools and public buildings.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should be enclosed in an envelope endorsed "Senior Architectural Assistant," and must reach the undersigned not later than Friday, 22nd August, 1947.

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

Canvassing, directly or indirectly, will be deemed a disqualification, and candidates must disclose in writing whether, to their knowledge, they are related to any member of, or holder of any senior office, under the Council. Candidates who fail to do so will be disqualified and, if appointed, will be liable to dismissal without notice.

FARRA CONWAY,
 Town Clerk.
 Town Hall, Great Yarmouth.
 28th July, 1947. 517

COUNTY BOROUGH OF DARLINGTON.
BOROUGH ARCHITECT'S DEPARTMENT.

Applications are invited for the appointment of an ARCHITECTURAL ASSISTANT, A.P.T. Grade V (£460-£510), plus cost-of-living bonus of £59 16s. 3d. per annum.

Preference will be given to candidates with experience on Housing and Education work and to those who have passed the Associateship Examination of the Royal Institute of British Architects.

Forms of application can be obtained from E. A. Tornbohm, A.R.I.B.A., A.M.T.P.I., Borough Architect, Central Buildings, Darlington, and should be delivered to the Town Clerk, Houndgate, Darlington, on or before the 27th August, 1947. 515

LEITCHWORTH URBAN DISTRICT COUNCIL.
ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant, in the Surveyor's Department of the Council, at a salary in accordance with Grade VI of the Scheme of Conditions of Service laid down by the National Joint Council for Local Authorities' Professional, Technical and Clerical Services, plus cost-of-living bonus, at present £59 16s. per annum. The commencing salary will be determined according to the qualifications and experience of the successful candidate. The person appointed will be engaged in connection with the erection of new houses, and will be required to prepare reports for and attend meetings of the Housing Committee of the Council.

The appointment will be subject to (1) the provisions of the Local Government Superannuation Act, 1937, (2) the National Scheme of Conditions of Service, (3) the passing of a medical examination, and (4) termination by one month's written notice on either side.

Applicants must be Registered Architects and Associate Members of the Royal Institute of British Architects, or hold equivalent qualifications, and should have experience of housing work and building construction.

Applications, accompanied by copies of not more than three recent testimonials, must be received by the undersigned not later than the 25th August, 1947.

Applicants must state whether to their knowledge they are related to any member or to any senior officer of the Council.

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

J. D. ROWLAND,
 Clerk and Solicitor.
 The Council House, Leitchworth.
 29th July, 1947. 614

THE UNIVERSITY OF MANCHESTER.

Applications are invited for the under-mentioned posts in the Bursar's Department:—

BUILDINGS ADMINISTRATIVE OFFICER.
 Experience in administrative work connected with maintenance and construction of buildings, and possession of a degree of a British University, desirable; professional qualifications not essential.

Commencing salary, £750-£900 per annum, according to qualifications.

ASSISTANT BUILDINGS MAINTENANCE OFFICER.

Technical qualifications such as Architect or Surveyor essential.

Commencing salary, £500-£600 per annum, according to qualifications.

Both posts carry membership of the Federated Superannuation System for Universities, and children's allowances (£50 per child per annum) are payable in addition to salaries.

Further information can be obtained from the Bursar of the University. 613

**NORTH MIDDLESEX AND SOUTH-EAST
HEREFORDSHIRE JOINT PLANNING
COMMITTEE.**

SENIOR TECHNICAL ASSISTANT.
Applications are invited for the position of a Senior Technical Assistant for duties under the direction of the Planning Officer to the Joint Committee, whose office is at Palmer Green, N.13. Applicants should have had experience in a planning office, including the control of development, and must be competent to carry out basic surveys and to draft planning proposals. They should have knowledge of current planning legislation and preferably qualifications up to at least intermediate standard of the Town Planning Institute.

The salary will be according to Grade V, A.P.T. Division, National Scheme of Conditions of Service, i.e., £460 per annum, rising by annual increments of £15 (2) and £20 (1) to £510 per annum, plus bonus and London weighting.

The appointment will be subject to the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass the prescribed medical examination. Appointment terminable by one month's notice on either side.

Applications, marked "Senior Technical Assistant," giving full particulars of age, qualifications and experience, and accompanied by copies of not more than three recent testimonials, must be received by the undersigned not later than 23rd August, 1947. Canvassing disqualified.

C. W. RADCLIFFE,
Honorary Secretary.

Guildhall, Westminster, S.W.1. 523

**CITY OF PORTSMOUTH EDUCATION
COMMITTEE.
SOUTHERN COLLEGE OF ART (PORTS-
MOUTH CENTRE), GUILDHALL SQUARE,
PORTSMOUTH.**

**Principal: W. J. GAYDON, A.R.C.A.
SCHOOL OF ARCHITECTURE.**
Applications are invited for a Full-time LECTURER AND STUDIO MASTER for Fourth and Fifth Year work, to take up duties in January next.

The salary will be on the Senior Assistants' Grade (£600—£25—£750 per annum). Applicants must be Associates of the Royal Institute of British Architects and hold a degree or diploma of a recognized School of Architecture. Associate Membership of the Town Planning Institute would be an advantage. Teaching experience desirable but not essential.

Forms of application and further particulars may be obtained from the Registrar, College of Art, Guildhall Square, Portsmouth.

E. G. BARNARD, M.A.,
Chief Education Officer.

**CITY AND COUNTY OF THE CITY OF
EXETER.**

Applications are invited for the appointment of SENIOR ASSISTANT ARCHITECT, on the permanent staff of the City Architect's Department. The salary will be within A.P.T., Grade V, £460 per annum, rising to £510 per annum. Cost-of-living bonus, at present £59 13s. 3d. per annum, will also be paid.

Housing accommodation will be found for the successful applicant. Candidates should be Associate Members of the Royal Institute of British Architects, or hold equivalent qualifications, and preference will be given to candidates who have had considerable experience in Municipal, Educational, and other work.

The appointment will be subject to one month's notice on either side, and to the provisions of the Local Government Superannuation Act, 1937. The successful applicant will be required to pass a medical examination. Canvassing will disqualify, and candidates must disclose whether, to their knowledge, they are related to any member of the Council or to the holder of any senior office under the Council.

Applications, stating age, qualifications, previous and present appointments and salaries, full details of experience, and the earliest possible date when available, together with copies of recent testimonials, should be sent to H. B. Rowe, F.R.I.B.A., A.M.I.Struct.E., City Architect, 2, Southernhay West, Exeter, not later than 25th August, 1947.

C. J. NEWMAN,
Town Clerk.

COUNTY BOROUGH OF HALIFAX.

BOROUGH ENGINEER'S DEPARTMENT.
Applications are invited for the appointment of JUNIOR ARCHITECTURAL ASSISTANT, at a salary of £315, rising to £360 per annum, in accordance with Grade II (Miscellaneous Division) of the National Scale. Applicants should be trained Architects, capable of assisting in the preparation of schemes for and the supervision of architectural work. They must be neat draughtsmen, and a recognized architectural qualification will be considered an advantage. The appointment will be subject to the conditions of service adopted by the Corporation and to the Local Government Superannuation Act, 1937. The successful candidate will be required to pass a medical examination.

Applications, stating age, qualifications, present position and salary and experience, accompanied by copies of three recent testimonials, should be delivered to the undersigned not later than Saturday, 6th September, 1947.

W. USHER,
Town Clerk.

Town Hall, Halifax. 529

31st July, 1947.

ARCHITECTURAL DRAUGHTSMEN.

There are vacancies on the Staff of the Borough Surveyor and Water Engineer's Department, Tunbridge Wells, for Two Temporary Architectural Draughtsmen (male or female). Applicants must have had previous experience and should not be under 20 years of age. The salaries will be in accordance with the National Scale, General Division, which at age 20 would be £140 per annum, plus cost-of-living bonus, £41 12s. per annum for males, and £112 per annum, plus cost-of-living bonus £37 14s. per annum, for females.

Applications in writing to be delivered to the undersigned not later than 10 a.m. on Wednesday, 13th August, 1947.

JOHN WHITEHEAD,
Town Clerk.

Town Hall, Tunbridge Wells. 531

Architectural Appointments Vacant

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

ARCHITECTURAL ASSISTANT required immediately in busy London office. Working drawings, details, surveys, specifications and supervision of work. State age, qualifications, experience and salary required to Box 854.

CAPABLE ASSISTANT required for general practice in Cumberland, Westmorland, and North Lancashire; able to carry contracts through with very little supervision. C. B. Martindale, A.R.I.B.A., Cathedral Chambers, Castle Street, Carlisle. 611

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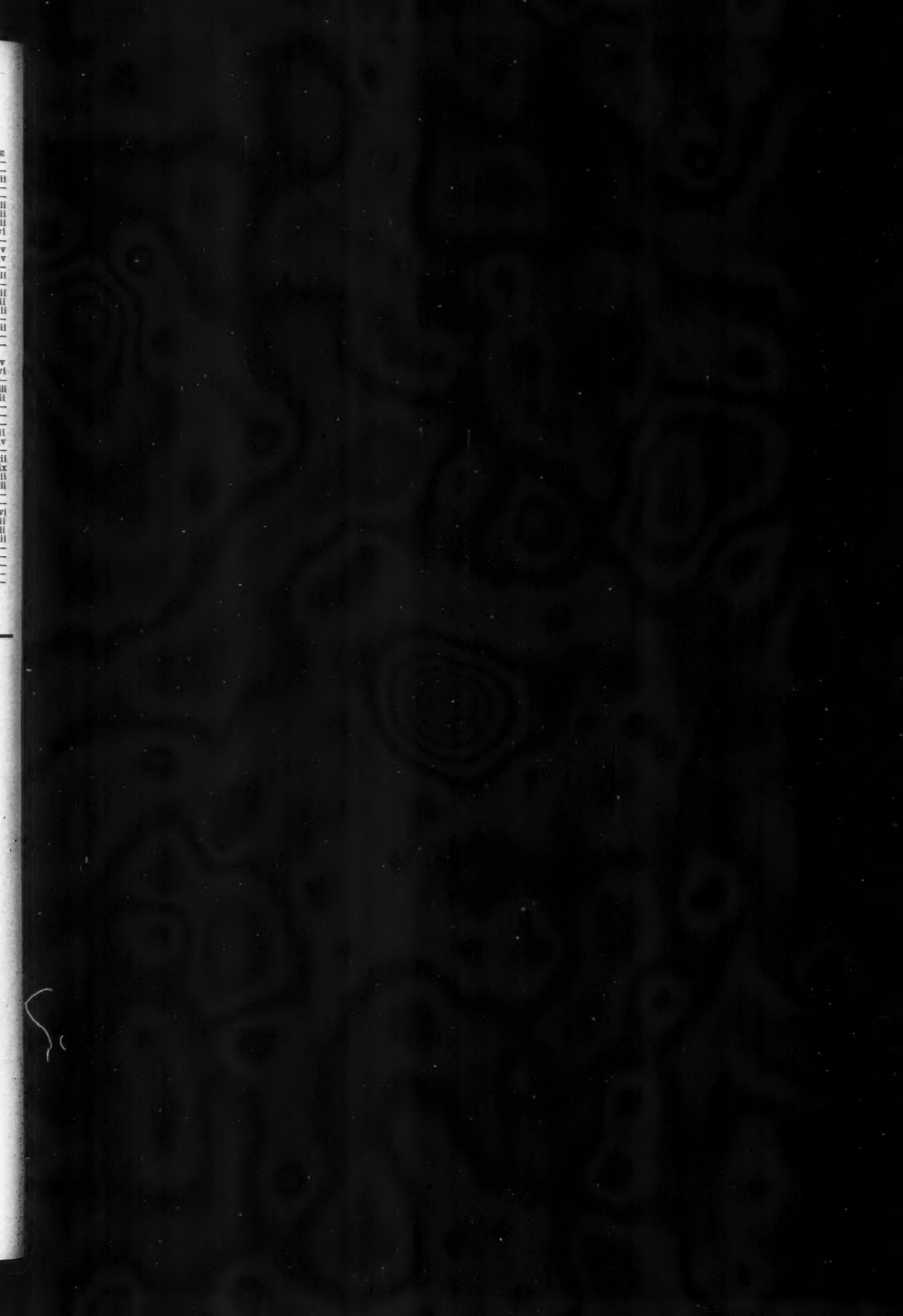
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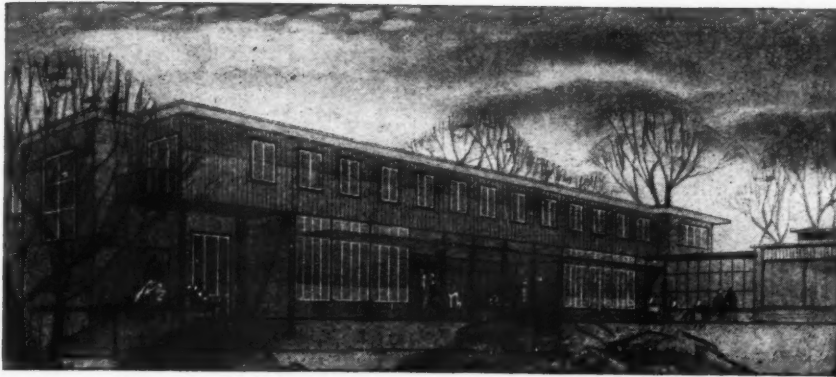
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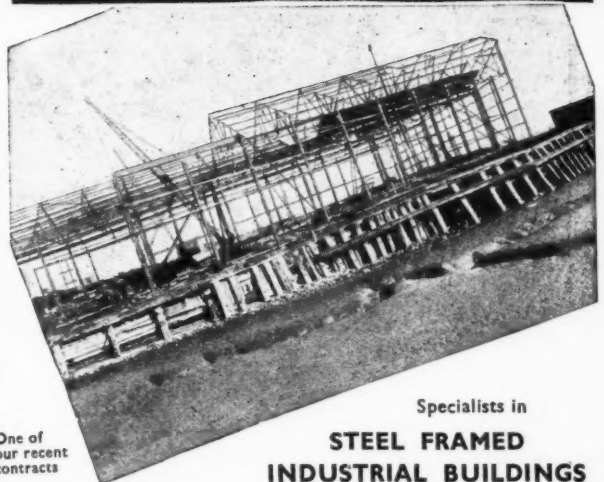


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