

# THE ARCHITECTS' JOURNAL



## standard contents

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

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Architectural Appointments  
Wanted and Vacant

No. 2733] [Vol. 105  
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★ A glossary of abbreviations of Government Departments and Societies and Committees of all kinds, together with their full address and telephone numbers. The glossary is published in two parts—A to 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, Castle Hill Avenue, Berkhamstead, Herts.	"Dyneley,"
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. Doldertal, 7, Zurich, Switzerland	
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

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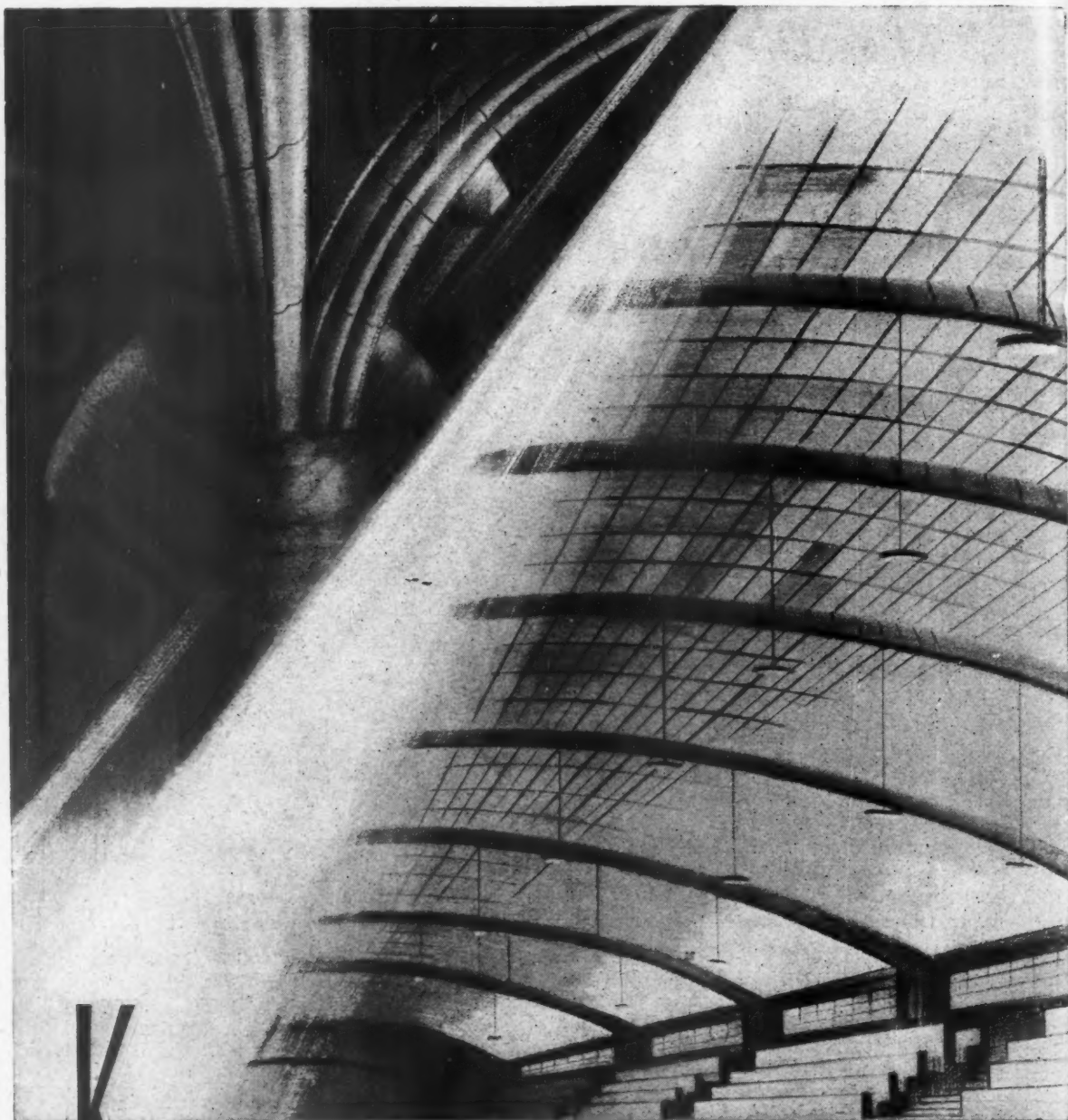
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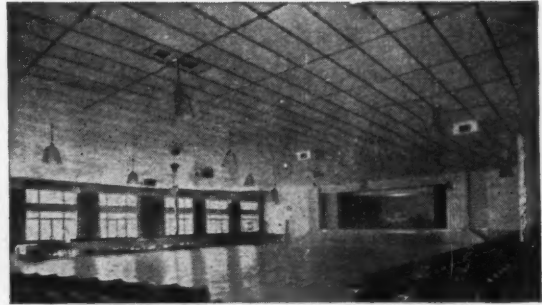


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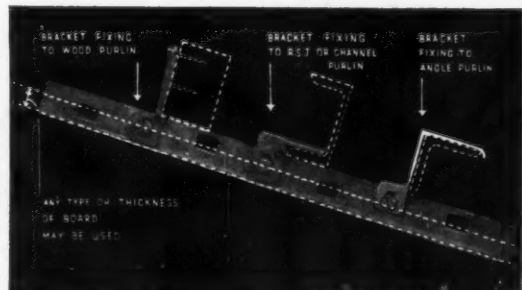
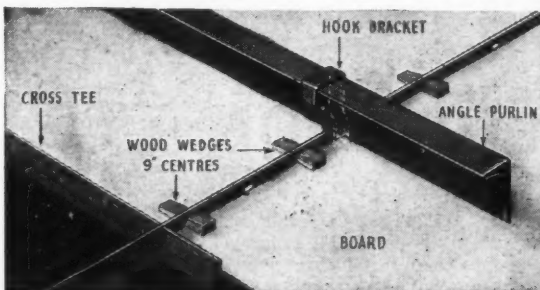


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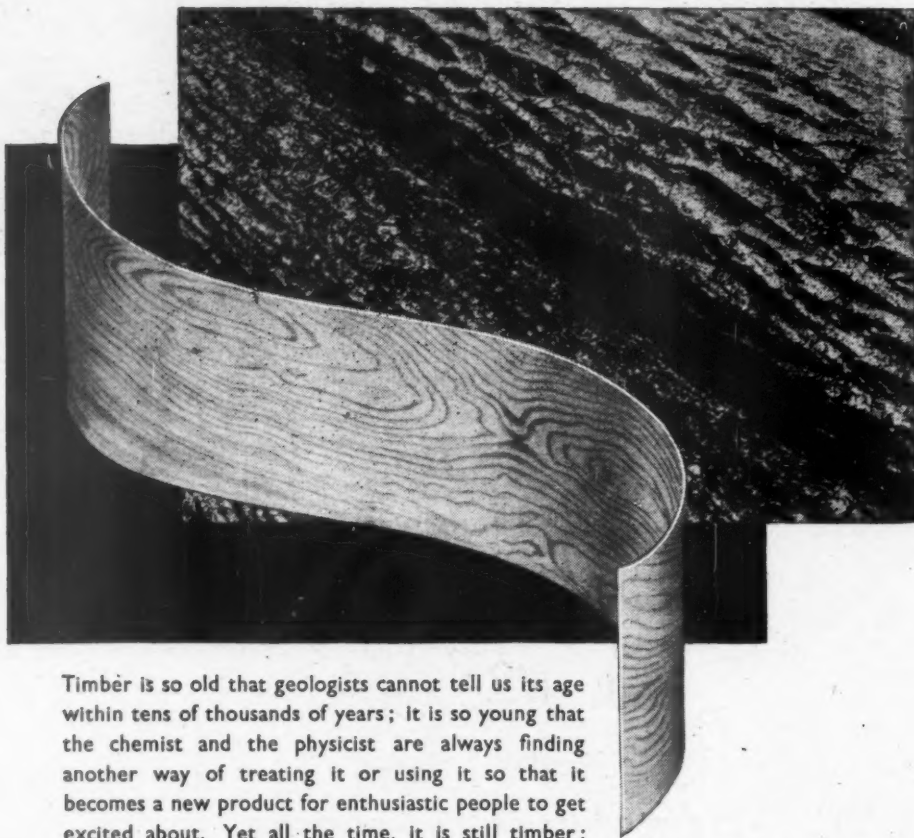


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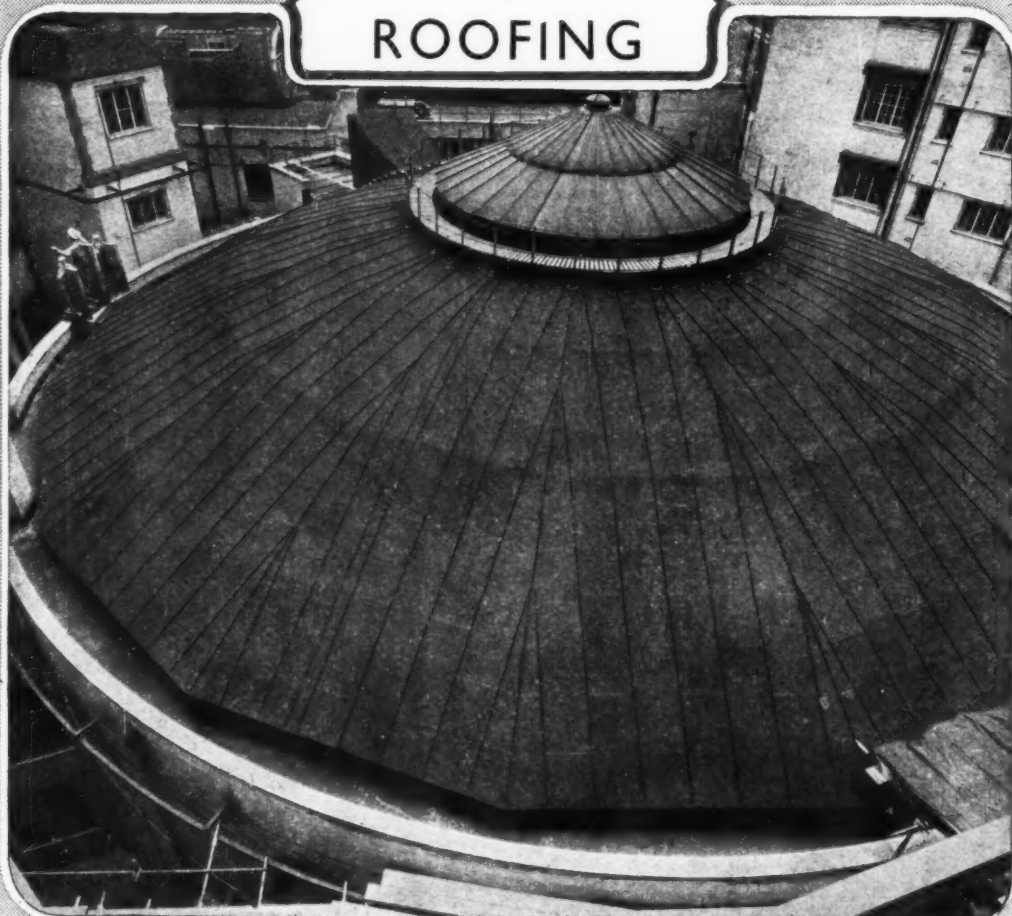






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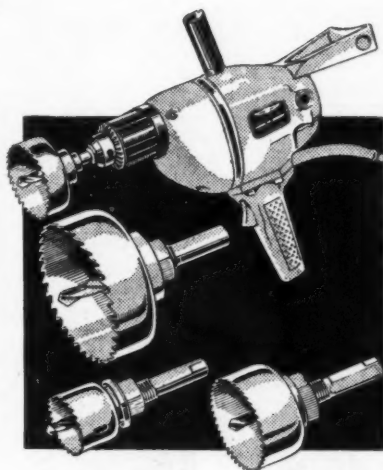
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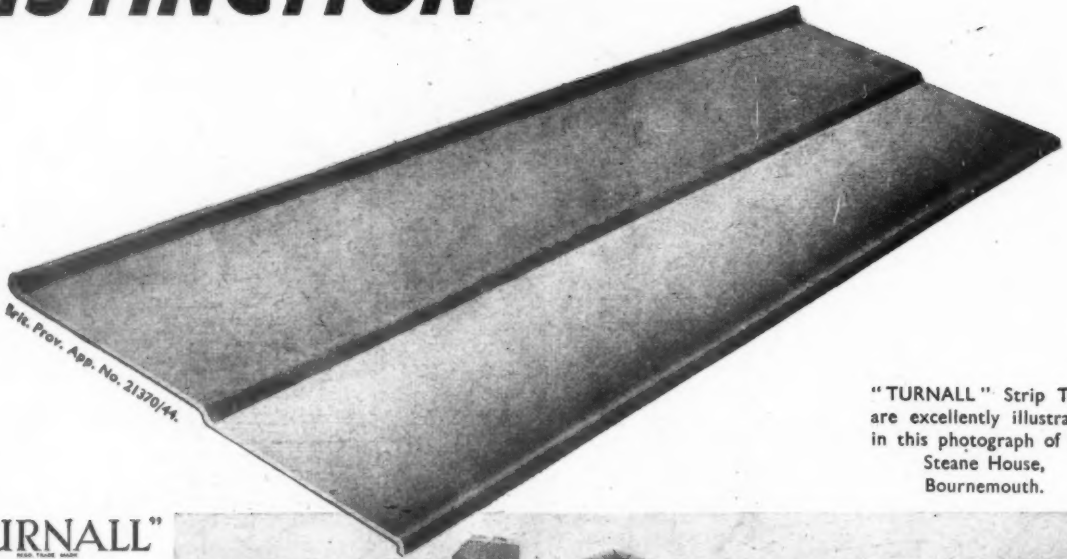
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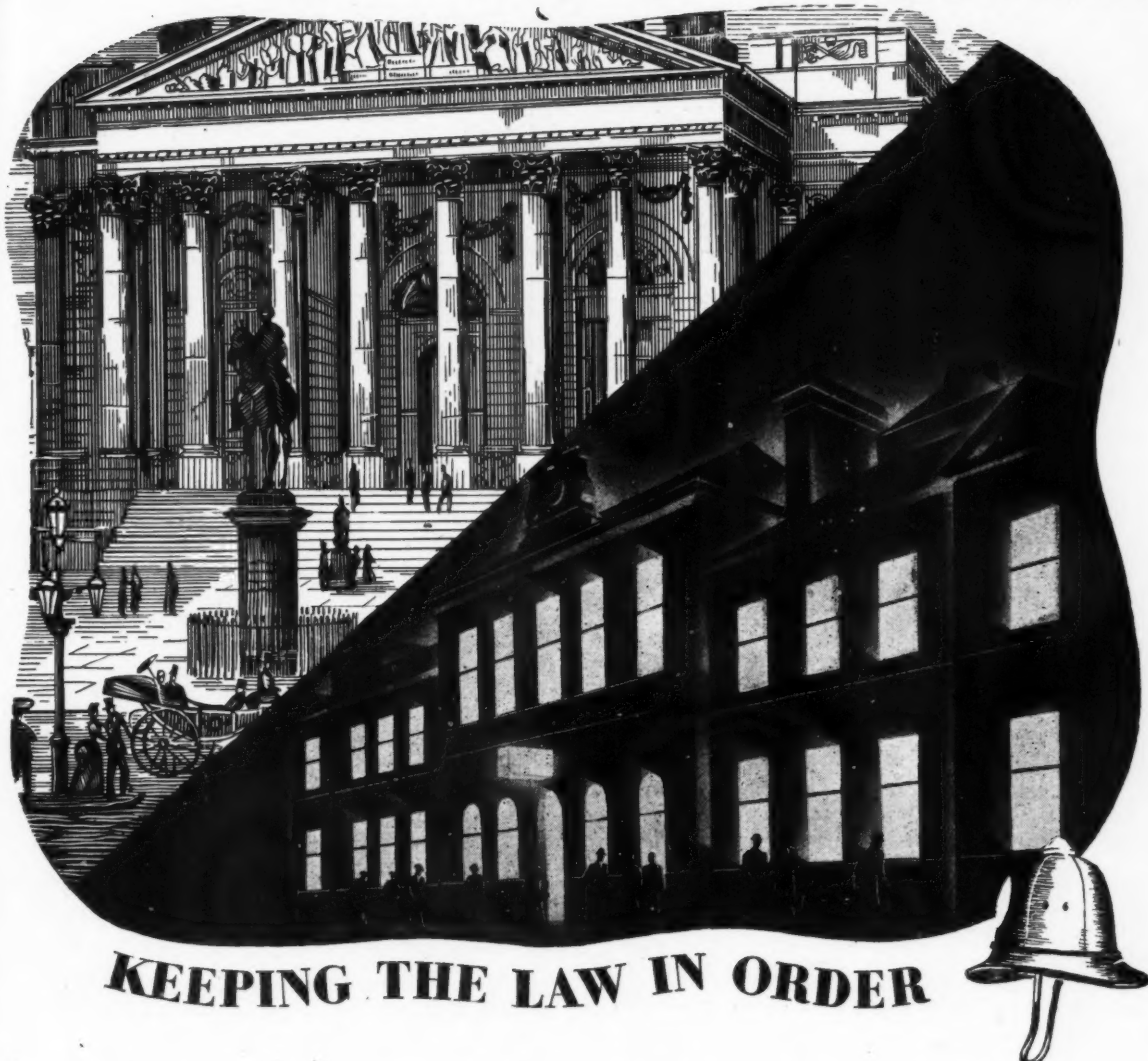
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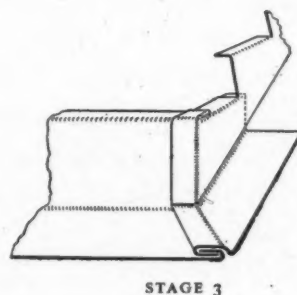
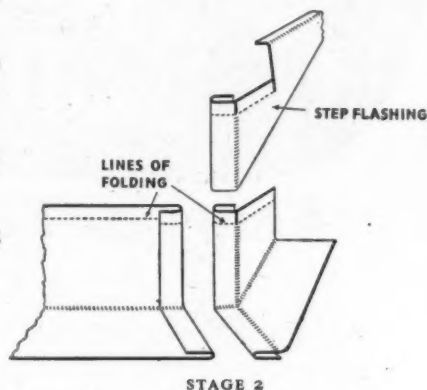
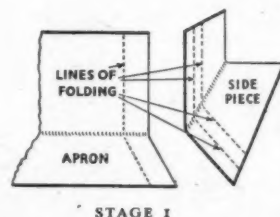
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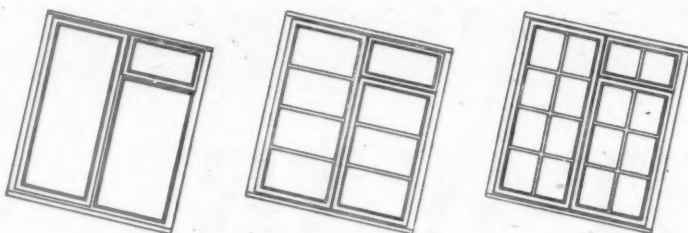
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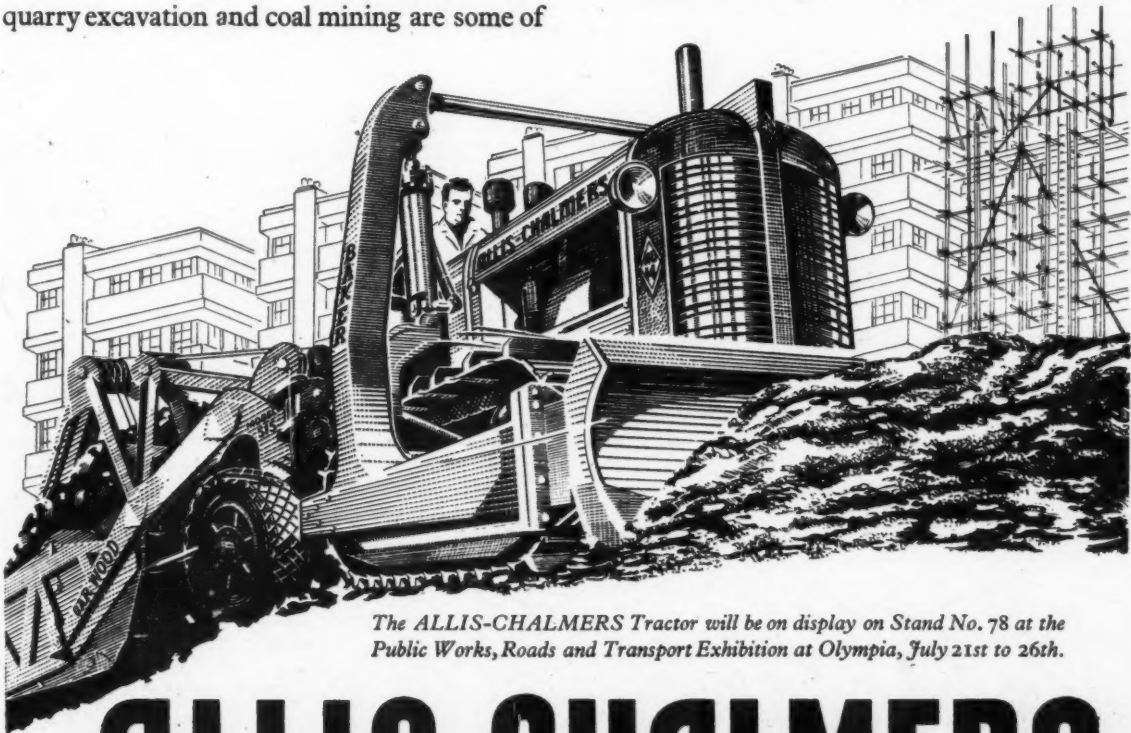
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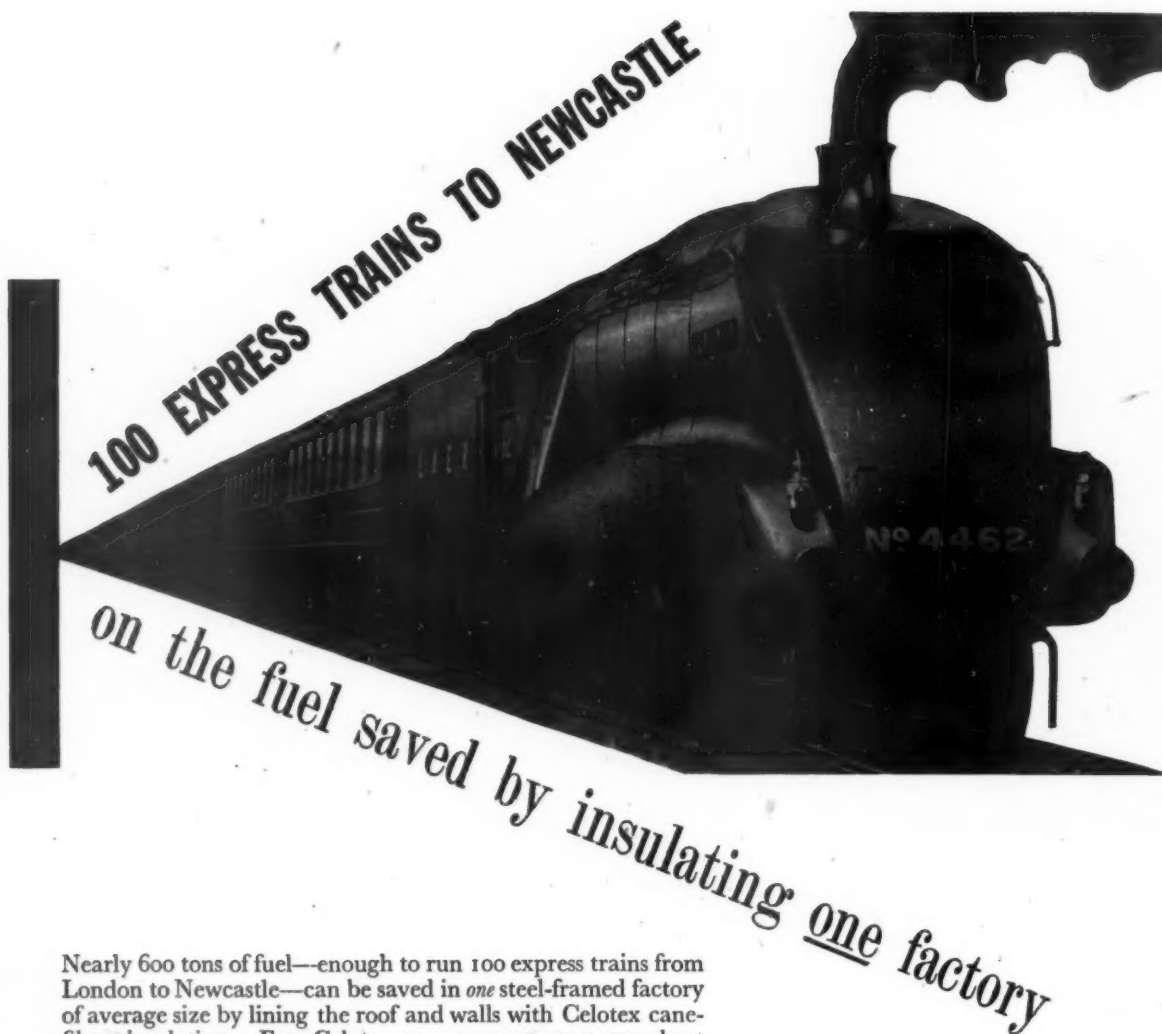


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Celotex Insulating Board	—	—	—	—	1/2"	1"	1/2"	1"
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Thermal Transmittance 'U'		1.40	1.50	0.31	0.32	0.35	0.23	0.36
To enable fuel cost to be compared, the following figures are based on a 1000 sq. ft. of roof area.	Fuel Consumption tons p.a.	7.7	8.3	1.7	1.8	1.9	1.3	1.3
	Cost of Heating Plant, Cost £'s	88	94	10	20	22	14	22.5
	Saving in Plant and Fuel due to Celotex insulation %			70	70	75	84	84

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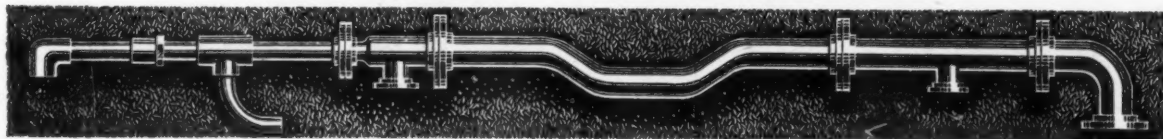


*Referring to a Naval gun-brig that accompanied Wellington's equipment in the Peninsula War, the Duke often remarked in after years, "But it was always so, I never found naval men at a loss. Tell them to do anything that is not impossible, and depend upon it they will do it."*

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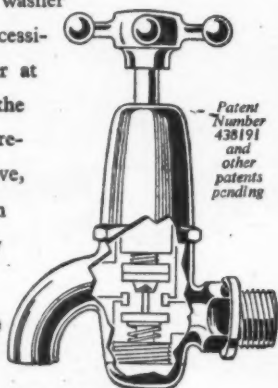
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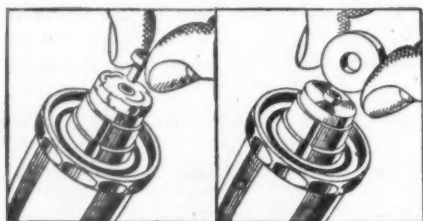
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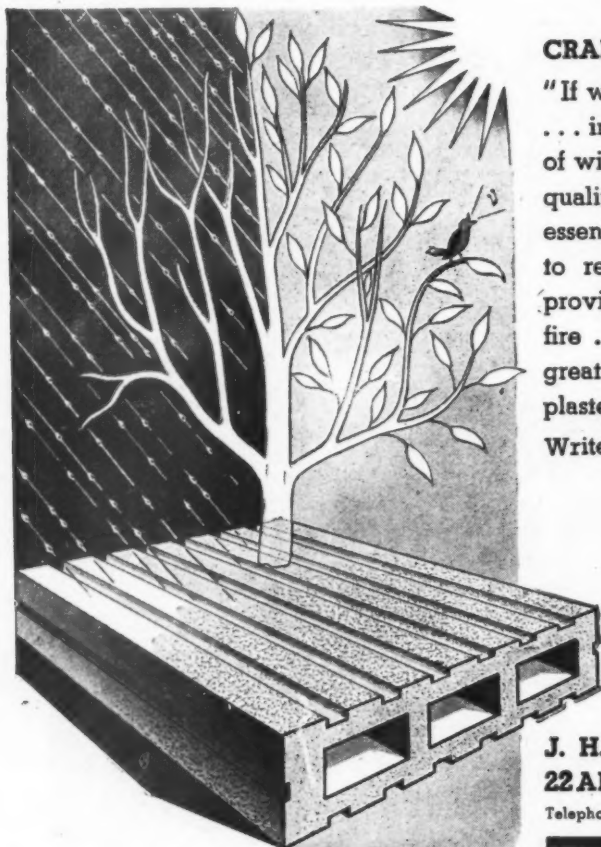
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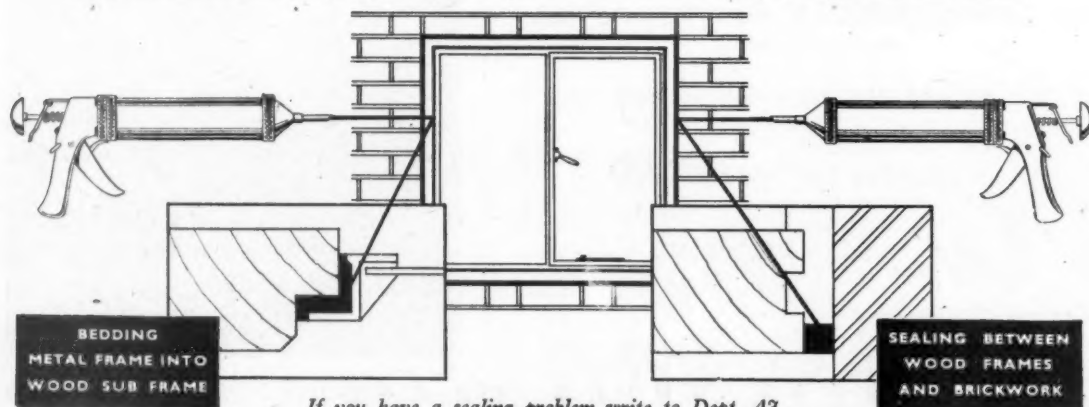
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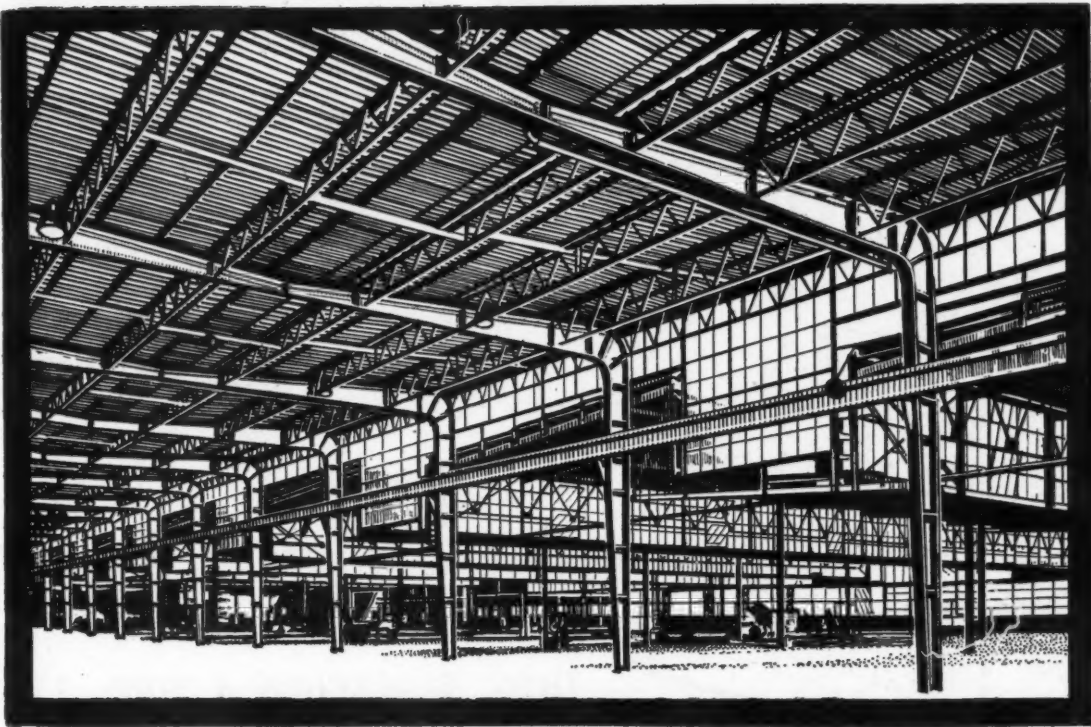
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▲ The astounding fact about all these discomforts is that, while they are accepted as part of the natural order by many people, they are totally unnecessary. In many parts of the world, notably in the United States, the temperature ranges between far greater extremes of cold and heat. Methods have consequently been evolved not only to safeguard water supplies in summer and to keep vital roads and railways clear in winter, but to maintain warm and even house temperatures throughout the year.

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▲ Mr. Bevan for the first time set a target of 300,000 houses in 1947. This building should not proceed on the unwarranted but hitherto ineradicable assumption that Britain enjoys an equable climate. Modern devices should be installed to make the home a place of comfort in the extremes of winter and summer alike. The ages of ice, drought and flood should assume their proper place in far-off history.

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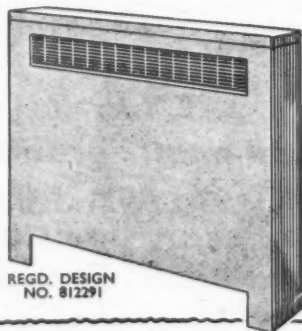
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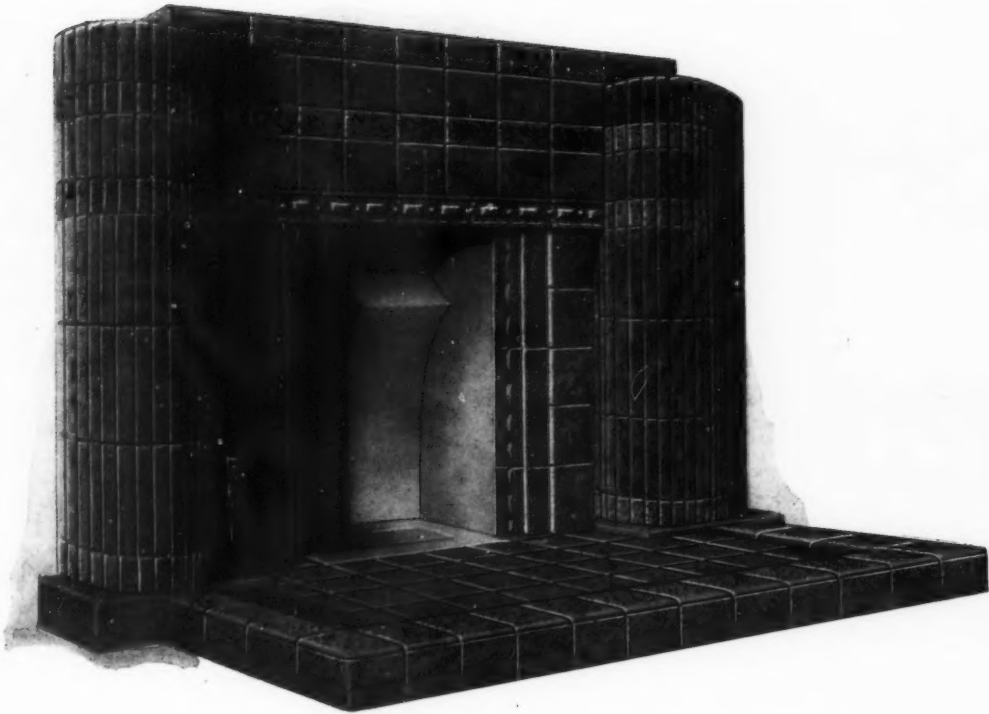




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*The "Carlton" Fireplace, illustrated above, may be seen at our Showrooms at Clapham, and is one of many designs incorporated in our latest Brochure, DF/48, a copy of which will be forwarded upon request to Dept. G.*

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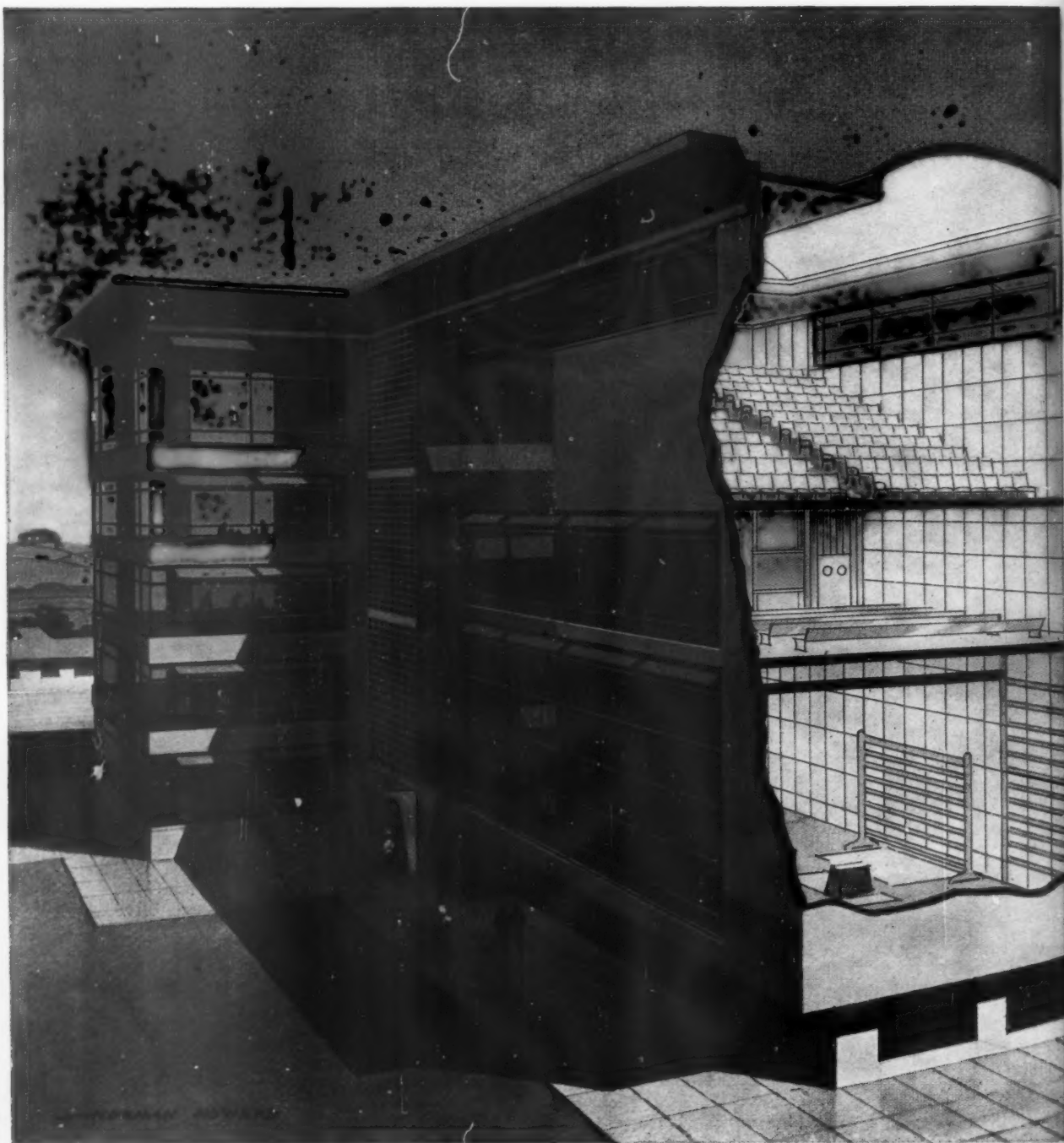
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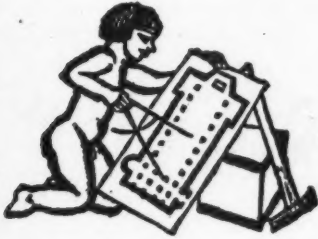
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In common with every other periodical this JOURNAL is rationed to a small part of its pre-war needs of paper. Thus a balance has to be struck between circulation and number of pages. We regret that unless a reader is a subscriber we cannot guarantee 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 JUNE JULY AND AUGUST

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.

**BIRMINGHAM:** *Light Alloys (Structural, Engineering, Decorative).* At Birmetals, Ltd., Woodgate Works, Birmingham 22. The object of this exhibition is to show, under one roof, every use to which Birmabright and contemporary light metals can be put in the building industry. (Sponsors: Birmetals, Ltd., in co-operation with designers and fabricators of the items exhibited.) **JUNE**

**LEICESTER.** *Building Science Exhibition.* At the City Museum and Art Gallery. (Sponsors, Department of Scientific and Industrial Research.) **JULY 7-19**

*Timber Research and Building.* Forest Products Research Laboratory exhibition. At the School of Architecture and Building, Newarke Street, Leicester. The exhibition is of interest to all concerned with building in presenting the essential requirements of economy in timber, viz, the use of timber suitable for the purpose, seasoning, efficient design and preservation against decay and insect attack. Some information is also given on flooring timbers, plywood and machining of timber. The Forest Products Research Laboratory also provides an advisory service on all problems connected with the utilization of timber. An officer is present at the exhibition each day and will be pleased to answer enquiries. (Sponsor, FPRL.) **UNTIL JULY 12**

**LONDON.** *The Rotar Service Hatch and Pantry Unit.* At the Building Centre, 9, Conduit Street, London, W.1. (Sponsors, The Tetbury Furniture Company.) **JUNE**

*Town and Country Planning Association Swedish Tour.* Visiting Gothenburg, Copenhagen, Stockholm, Uppsala, Sigtuna, Sandviken, Gavle. (Sponsor, TCPA.) **UNTIL JULY 5**

*London Brewers' Association Planning Exhibition.* Planning and distribution of public houses. At the Housing Centre, 13, Suffolk Street, S.W.1. (Sponsor, London Brewers Association.) **UNTIL JULY 5**

*Windmills.* Exhibition of photographs at Heal's Mansard Gallery, 196, Tottenham Court Road, W.1. (Sponsor, Windmill and Watermill Section of SPAB in collaboration with Heal and Son, Ltd.) 9 a.m. to 5.30 p.m. daily, Saturday 1 p.m. **UNTIL JULY 26**

*Infra-Red Heating by Gas Exhibition.* At Gas Industry House 1, Grosvenor Place, London, S.W.1. (Sponsor, British Gas Council.) **UNTIL JULY 31**

*Whole-Day Summer Symposium on Sound Absorption and Reverberation.* The meetings are to be opened by Professor P. V. Bruel, of Copenhagen, who is speaking on Panel Absorbents, and J. Moir, of this country, who will discuss some other new aspects of reverberation. At the RIBA, 66, Portland Place, W.1. (Sponsors, Physical Society.) 10 a.m. Buffet lunch and tea. **JUNE 26**

H. C. Harris, Technical Adviser to the Lead Industries Development Council. *Plumbing and Frost Protection.* At the Housing Centre, 13, Suffolk Street, S.W.1. (Sponsor, HC.) Buffet lunch 12.45 p.m. Talk 1.15 p.m. **JULY 1**

Christopher Tunnard, Professor of City Planning, Yale University. *Town and Country Landscape, USA.* At the RIBA, 66, Portland Place, W.1. (Sponsor, ILA.) 5.30 p.m. **JULY 1**

*London Region of the Federation of Master Builders.* Luncheon Meeting preceding Half-Yearly Meeting. At the Connaught Rooms, Great Queen Street, W.C.2. (Sponsor, FMB.) 12.45 p.m. **JULY 2**

P. L. Leigh-Breese and Fred Griffiths. *A Taxi Driver and Landlord Discuss Tenants Problems.* At the Housing Centre, 13, Suffolk Street, S.W.1. (Sponsor, HC.) Buffet lunch 12.45 p.m., 2s. 6d. Talk, 1.15 p.m., 6d. **JULY 8**

*Eleventh Public Works Roads and Transport Congress.* At Olympia, London. **JULY 21 to 25**

**MANCHESTER.** *Building Science Exhibition.* At the Gas Showrooms. (Sponsor, Department of Scientific and Industrial Research.) **UNTIL JUNE 28**

**NEWCASTLE-UPON-TYNE.** *Institution of Civil Engineers Summer Meeting.* **JULY 3 and 4**

**READING.** *Town and Country Planning Summer School.* At Reading University. (Sponsor, Town Planning Institute.) **JULY 16-23**

**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**

**TUNBRIDGE WELLS.** *Ideas on Design in the Home Exhibition.* At the Municipal Museum. (Sponsor, Arts Council.) **UNTIL JULY 5**

## NEWS

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No. 2733

June 26, 1947  
Vol. 105

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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 unstarring 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.

★  
**Flats and houses used as GOVERNMENT OFFICES should be turned back into homes—the Select Committee on Expenditure.**  
In its report on requisitioned property the committee says: housing of the population should be given priority over all other purposes, and flats and houses still used as offices should be released. Some increase in land holdings may be necessary because of technical advances and new methods of training, such as battle training with live ammunition; but the committee has not been able to satisfy itself that all the additional claims which are being made, particularly by the War Office, are justified.

*We regret to record the death, at Leatherhead, of Mr. WILLIAM MATTHEWS HILL, Chairman of Higgs and Hill Ltd. He was 73.*

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## From AN ARCHITECT'S Commonplace Book

**CHOOSING AN ARCHITECT.** [From *If You Want to Build a House*, by Elizabeth B. Mock.] The most delicate part of your job as client will be the selection of an architect. Don't think that you will save money by going directly to a builder and using an adaptation of one of his stock plans. A good architect will give you a much better house, often for considerably less money—even including his fee. However, there are innumerable genial, expensively educated architects of wide experience, impeccable honesty and considerable technical ability who could not be called "good" as the term is used here. For one must also demand a fresh and human approach, a sensitivity to materials and proportions, and the ability to conceive a building in its three full dimensions rather than as something drawn on paper. These are stiff requirements and they rule out not only the old-line traditionalists, but some who choose to consider themselves modern. Many architectural offices which before the war confined themselves to the safety of historical styles are now eager to get on the modern bandwagon; "Reach in the second drawer, Joe, and we'll put a flat roof and corner-windows on Number Twelve." Modern architecture isn't that easy. It isn't just another imitative style. It is an attitude towards life, an approach which starts with living people and their needs, physical and emotional, and tries to meet them as directly as possible, with the best procurable means. Otherwise there are no rules. The results will be as various as the range of materials offered, the human problems posed, and the creative talent employed in solving them.

*Mr. H. V. de Courcy Hague, F.R.I.B.A., County Architect to the Devon County Council, has been elected PRESIDENT OF THE DEVON AND CORNWALL ARCHITECTURAL SOCIETY.*

Other officers elected for the ensuing year were: Senior Vice President, C. Lloyd Jones, L.R.I.B.A.; Junior Vice President, H. M. R. Drury, F.R.I.B.A.; Honorary Secretary, H. Cameron Beaumont, A.R.I.B.A.; Honorary Treasurer, J. Bennett, F.R.I.B.A.; Honorary Auditor, W. J. M. Thomasson, A.R.I.B.A. Council following elections at the annual general meeting of each Branch: *Exeter*.—Miss F. Barker, A.R.I.B.A., J. C. C. Bruce, F.R.I.B.A., J. Challice, F.R.I.B.A., J. A. Powell, F.R.I.B.A., P. A. Tilden, F.R.I.B.A., E. Kemeys-Jenkin, F.R.I.B.A., E. Narracott, A.R.I.B.A., R. J. Lane, A.R.I.B.A., A. Palfrey, L.R.I.B.A., S. J. Stone, A.R.I.B.A., W. L. Lee, A.R.I.B.A. *Plymouth*.—E. Ashworth, L.R.I.B.A., E. G. Catchpole, A.R.I.B.A., E. U. Channon, F.R.I.B.A., A. C. H. Harris, A.R.I.B.A., H. J. Hamrick, L.R.I.B.A., I. S. Hodgess, A.R.I.B.A., S. Pool, A.R.I.B.A., H. J. Sloggett, L.R.I.B.A., G. J. S. Smith, A.R.I.B.A., L. F. Vanstone, L.R.I.B.A., R. F. Wheatly, F.R.I.B.A., J. H. Serpell. At the annual general meeting of the Society which was held at Exeter, a suggestion to levy a direct subscription on all members, irrespective of Membership of the RIBA, to build up the finances of the Society to a level to allow of greater professional and social activities within the two Branches was discussed and referred back to the Council for further consideration and the preparation of a full report. It was decided to hold the annual outing at Dunster Castle, near Minehead.

*The War Damage Commission warns claimants that there will be delay in making WAR DAMAGE VALUE PAYMENTS in cases where the payment has to be shared, if the forms setting out the amounts of the shares, as agreed between the interested parties, are not completed and returned promptly to the appropriate regional offices.*

To date about 100,000 forms relating to shares in 40,000 value payments have been issued to claimants, but in only 2,000 cases has the Commission been advised of the amounts of the agreed shares. The Commission will deal with cases in the order in

which the share forms are returned completed, and claimants who fail to return the forms promptly will prejudice their chances of receiving payment on the first payment date.

*Sir Stafford Cripps: All of us are becoming DESIGN-CONSCIOUS to-day. We are becoming more and more aware that the mass-produced article need not be nasty as well as cheap.*

We expect it not only to be a good job but also to look like one, to combine utility with a pleasing appearance. These words were used by Sir Stafford Cripps at a Press conference in London to outline the Enterprise Scotland 1947 exhibition to open in Edinburgh on August 25. The exhibition,

to which 30,000 square feet have been allotted in the Royal Scottish Museum, Edinburgh, will be divided into four sections. *Scotland Yesterday*, dealing with tradition and ancient crafts. *The Country*, which will show everything Scotland has to offer to tourists and sportsmen. *Scotland To-day*, which will consist of the following sections:—Shipbuilding, printing, textile, general consumer goods, with a cinema where films will be shown depicting various phases of modern Scottish life, e.g., industrial, sociological and cultural. *Scotland To-morrow*, which is intended to show how the planning of industrial estates and community centres has as its eventual aim the benefit of the individual as well as that of the country as a whole. This section will be in the hands of the Department of Health for Scotland. The Chief Architect is Mr. Basil Spence, and the Chief Designer, Mr. James Gardner. A novel feature of the exhibition is that it will be supported by supplementary displays in at least 12 of the shop windows in Princes Street.

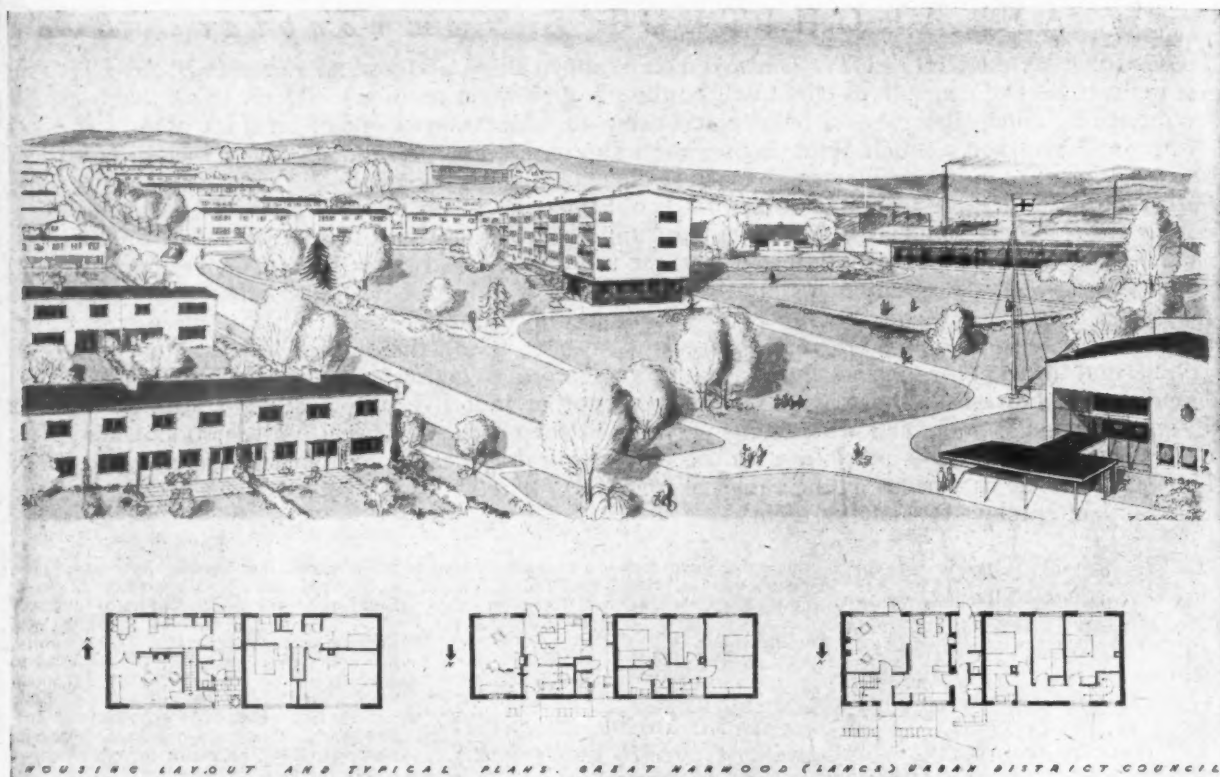


*A Zapotec funerary figure in grey pottery from the exhibition of Ancient American Art which lately opened at the Berkeley Galleries. This example is characteristic of the pottery figures which were used extensively in connection with the formal architectural monuments of South Western Mexico, such as the acropolis of Monte Alban built by the Zapotecs in what is now the State of Oaxaca.*

★ *Four possible sites for NEW TOWNS FOR MANCHESTER are referred to in a letter sent by the Minister of Town and Country Planning, Mr. Lewis Silkin, M.P. to local authorities.*

The sites are: Knutsford-Ollerton (in place of Knutsford-Mobberley); in the neighbourhood of Eccleston, Lancs; in the Carnforth-Garstang-Inglewhite area, Lancs; and Crowton, near Northwich, Cheshire. Mr. Silkin also refers to the possibility of extending existing settlements to meet the Manchester overspill problem.

*Royal Society of Arts this year is offering one BURSARY, OF £150 IN VALUE, in connection with each of the following industries: Furnishing textiles; leather goods; wallpaper; open-close stoves. The Council of the Society has also agreed to make one additional award not exceeding £150 if two candidates in any group are thought to be of equal merit. The Sir Frank Warner Memorial Medal will be awarded to the candidate responsible for the best furnishing textile design submitted in the competition, if of sufficient merit. This medal may be awarded to a successful candidate in addition to a scholarship.*



## Jobs in the Making: Housing for Great Harwood UDC

The Great Harwood housing scheme is a typical example of the type of housing and layout now being designed by the Grenfell Baines Group of Preston for various Urban and Rural District Councils in Lancashire. The main principles are the use of wide frontage terraced houses carefully orientated to give maximum sunlight in living rooms, and the careful relationship of the house blocks and layout

generally to existing site features such as contours and trees. The whole creates a lively community. The above perspective shows a block of three-storey, two-bedroom flats, old people's bungalows, shops and part of the community centre and surrounding gardens. The houses are finished with a textured cement rendering in various light colours and are roofed in copper or brick finished felt.

*The first prize in the limited COMPETITION promoted by Mitchells and Butlers for plans for premises to be erected on their site at the junction of John Bright Street and Hill Street, Birmingham, has been awarded to Mr. T. Cecil Howitt, F.R.I.B.A., of Nottingham.* Second and third prizes were awarded to Mr. Oliver Hill, F.R.I.B.A., of London, and Messrs. W. Alexander Harvey and H. Graham Wicks, F.R.I.B.A., of Birmingham. Mr. S. N. Cooke, M.B.E., F.R.I.B.A., was the assessor. The plans of the winning architect used for the premises eventually erected on the site will be subject to the approval of the Licensing Planning Committee. The previous buildings were destroyed by bombs during the war.

### *Representatives of the building industry have co-operated with the Ministry of Works, the Board of Trade and the Ministry of Health TO SIMPLIFY FORMS FOR BUILDERS.*

Application forms for building and timber licences have been combined into one

document, and the procedure for obtaining timber for building purposes has been simplified to eliminate unnecessary delay. The new forms are now being sent to licensing officers and will come into force at once. Applicants for timber, for work which has been granted a building licence, will no longer have to complete three copies of the separate application forms for timber. The combined form is so designed that the applicant can indicate how many separate licences he requires for the various categories of timber and plywood. If advantage is taken of this provision the delay that has sometimes arisen from the need to present a single timber licence to a number of suppliers will be eliminated. Questions relating to materials other than timber, steel and cast iron, plate glass and bricks have been omitted from the new forms. In the London Civil Defence Region, where certificates to purchase certain scarce materials are still required, a gummed slip requesting details of the necessary amounts will be furnished with the application form. No information as to labour requirements is now requested, and certain minor questions have been omitted from the forms. The question concerning the value of the property has been amended to give applicants the option of stating either the rateable value, the Schedule A assessment or the fire insurance value, instead of both the rateable and the fire insurance values. In future the procedure for applying for building licences and for controlled material will be as follows:—Applications should be

sent to the appropriate local authority: on form CL.1136A for work to an existing dwelling, on form CL.1136B for construction of a new dwelling. If the work is approved, the local authority will issue the building licence and any necessary certificates for steel and cast iron. Where timber is required the local authority will forward the application to the Principal Housing Officer of the Ministry of Health (or the Area Officer Timber Control, if the value of the licence is less than £100), for issue of the timber licences. For work costing £100 or less to properties other than dwellings, applications should be sent on form CL.1136A to the appropriate local authority, who will issue a building licence and certificates for steel and cast iron if the work is approved. Where timber is required the local authority will forward the application to the Area Officer of the Timber Control for issue of the timber licences. For work costing more than £100 to properties other than dwellings, applications should be sent on form CL.1136A to the appropriate Regional Licensing Officer of the Ministry of Works, who will issue a building licence, certificates for steel and cast iron, and timber licences, if the work is approved. If at any later stage further timber is required for the job, application should be made directly to the officer who issued the original timber licence, quoting the number of the building licence. The procedure for obtaining timber licences for local authority housing work, which is not subject to building licence, is not affected by these changes.



*Mr. Richard William Trumper has been elected PRESIDENT OF THE ROYAL INSTITUTE OF CHARTERED SURVEYORS.*

Born in 1900, Mr. Trumper is a grandson of Mr. Albert Buck, who was President in 1903-1904. He was educated at Repton, and in 1919, after serving in the Royal Field Artillery, became an articled pupil with Messrs. H. and R. L. Cobb, of Rochester. From 1921-1923 he served further articles with Mr. Howard Martin, Official Arbitrator. He then joined Messrs. Clutton of Westminster, and became a partner in 1929. At the age of 47 Mr. Trumper is the youngest President in the history of the Institute. He has served on a number of Standing Committees of the Council of the Institute, and has been Chairman of the Agriculture and Forestry Committee since 1941. He was one of the Institute's representatives at the discussions with the Ministry of Agriculture and Fisheries on the framing of the Agriculture Bill now before Parliament, and served on the Farm Buildings Committee appointed by the Minister of Agriculture in 1942 to consider and make recommendations regarding the layout, design and construction of farm buildings after the war.

*Mr. J. M. Cockburn has been elected CHAIRMAN OF THE TIMBER DEVELOPMENT ASSOCIATION.*

Mr. Cockburn has been a member of the Council since the reorganisation of the Association. He has given much time to TDA policy, as Chairman of the Timber Utilisation and Construction Committee and as a Member of the other Standing Committees. In the Timber Trade Federation, Mr. Cockburn has figured prominently, serving on many Committees. He is a member of the Executive Committee of the Hardwood Agents and Brokers Association and at present is Chairman of the Hardwood Staves and Coopers Stock Section of the Federation. Born in 1887 at Paisley, Scotland, he was educated at Paisley Grammar School. In early years he was in the service of the Agents and Brokers, Messrs. Wright, Graham and Co., of Glasgow, and for many years was with the same Company in their London Office. In 1924 he commenced his own business in partnership with John Summers as an Agent and Broker, specialising in Hardwoods, Lumber, and Hardwood Staves.



*Mr. J. M. Cockburn who has been elected Chairman of The Timber Development Association. See News Item.*

## THE ROOT AND THE FLOWER

"Is architecture a plaything, or is it a great force—a revelation of human character and an inspiration? Is it a remnant, or is it a whole cloth from which we are to make for us new garments? Is it human, now, or is it post-human? Has it a foundation, or has it none? Is it a part of human utterance, is it a phase of universal speech, or is it dumb? Is the art I advocate to be built upon the sands of books, upon the shoals of taste and scholarship, or is it to be founded upon the rock of character."—*Louis Sullivan, "Kindergarten Chats," 1901.*

**I**N a speech at the recent Conference in Dublin, the President of the RIBA referred in appreciative terms to the impression made on him by the new terminal building at the Dublin airport. He went on to say that the design and materials used were appropriate to new problems. "But," he added, "there are other problems that are not new," and suggested that such problems should be solved differently, using traditional materials and methods. Such an idea is, of course, not new, and is unfortunately still widely held. There are even some courageous individuals who are still so convinced that the Georgian period is the only civilised epoch in our history that they are prepared to wear buckled shoes and knee-breeches, though even they are no longer able to be entirely consistent. For most people, however, the twentieth century is real.

For the architect there can be no problems that are not new. While it is true that elementary human physical needs to-day have a certain similarity to those of five hundred years ago, nobody would suggest that our problems to-day are the same as those of the fifteenth century. No problem to-day is the same as that of twenty-five years ago. To deny this is to confess to sterility. Has nothing happened in the world in the last twenty-five years? Why, we hardly speak the same language. Are we to learn nothing through our collective experiences, some bitter, some joyful?

It is precisely because numbers of architects, who have a great responsibility in our democratic society, have failed to understand their new tasks that so many of our people are ill-housed in mean and vulgar dwellings and must go to mean and vulgar buildings for their recreation. If he is to fulfil his duty, the architect dare not be always glancing timorously backward. He must illumine the future and make it the present. This has nothing to do with materials traditional or otherwise. Materials are but the stuff with which the architect expresses his care and thought for his client and his needs, whether the client may be an individual, a family, a public body or a corporation. The architect uses the materials appropriate to his purpose, be they bricks, stones, timber, concrete, steel or plastics.

Many clients, individual or collective, and indeed many architects, too, are trying to live in yesterday, but their needs are to-day and to-morrow. These the architect must fulfil. This is no easy task, and those who embark upon it require all the help and encouragement they can get. It may be that the President's remarks were but an oblique way of paying a compliment to the charm of Georgian Dublin, but many of his hearers took them as advocating modified Georgian styles

for contemporary buildings, and therefore felt he was being discouraging to the people who turn, though fumblingly and hesitantly, to the architect to make the world a beautiful place for themselves and their children. We must have confidence in our own ability to shape our future.



*The Architects' Journal*

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

Phone: Whitehall 0611

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

## SOANE PARTY

The Soane Museum was last week the scene of an evening reception organized by the Georgian Group. Guests, among whom were included the Minister of Education and a *posse* of similarly public faces, were received by the Earl and Countess of Rosse in the main dining-room, and were then able to explore the house. From the mummified cat in the basement to the real cat who sat in the curator's room on the second floor, guarding the strawberries and cream, seldom can the Museum have seen such a throng of visitors.

Tiaras sparkled among scrubbed and polished casts; white shirt-fronts gleamed through the unrecognizably garnished crypt. Eighteenth century music tinkled pleasantly up the curving staircase. In the basement the skeleton who lives behind the sarcophagus had a blue bow round his wrist. On the ground floor a cameraman was unsuccessfully trying to organize those two old friends and Bankside opponents, Sir Patrick Abercrombie and Sir Gilbert Scott, into a posed handshake. On the first floor Mr. John Summerson, the well-known honorary auditor of the RIBA accounts, could be seen talking with a member of the MARS group. On the second floor the representa-

tive of *The Times* was sinking iced coffee and political differences with a type from the Conservative Party Central Office. Altogether a most successful and enjoyable evening to which the Museum provided a perfect background. People who live in Soane houses should obviously throw parties more often.

## THE WIDOW'S CRUSE

The Pilgrim Trust has published its Report for 1946, and fascinating reading it is. £10,000 given to Chichester Cathedral for its restoration, £500 for the repair of St. Marylebone Parish Chapel, -£50,000 contributed to the cost of securing for Britain the Hirsch Music Library, a smaller contribution made towards the £500 needed to buy the Register Book of the Fraternity of St. John the Baptist, Dunstable Priory Church, for the years between 1506 and 1541. Great and small, the benefactions flow out.

The Pilgrim Trust was founded in 1930 by Mr. Edward S. Harkness, an American, with a gift of some two million pounds (by one of those economic miracles that I can never understand this kind of fund always seems to grow rather than diminish: its capital is now £2,346,506, despite the fact that between 1930 and 1946 the trustees have given away some £1,536,263), and it exists to preserve what should be preserved in Britain and to promote art, learning and social welfare.

The Report even lacks that customary paragraph, the one that appeals for further subscriptions. In short, the Pilgrim Trust seems to have all the virtues. It functions alone, although not, I am glad to say, unnoticed, and Britain is the richer for its activities. It is swift in action, flexible in its methods, eclectic in the range of its beneficiaries, and unerring in their choice. When Astragal is scheduled as an ancient monument, a fate never impossible, the Pilgrim Trust is just the kind of body to inaugurate the endowment fund.



*John Betjeman's gift to the Architectural Press. See Astragal's note below.*

## AU COTE DE CHAISE BETJEMAN

The photograph reproduced above is of a chair recently located in a London suburb by Mr. John Betjeman and presented by him to the Architectural Press.

It bears a strong resemblance to the chair illustrated here a few weeks ago (by Steinberg out of Hôtel de France et Choiseul), and, indeed, its design is probably a development of the Louis XVI bergère. Dr. Pevsner tells us that wicker armchairs did not appear in England until the nineties (Heals had a few in their catalogue of 1888), but within a few years they were the vogue. Toulouse-Lautrec was photographed in one. Both Watts and Alma Tadema had them in their studios. At croquet parties and balls, upon the decks of high-funnelled P. & O.s, and beneath the swinging geraniums of Edwardian winter-gardens, they were to be seen—and, indeed, felt and heard as well. How often must they have imprinted their delicious tracery through foulard and muslin, through velvet and serge. How often did they creak discreetly beneath the load of Norfolk jacket or striped dress trousers, or screech in faint protest as they were dragged across the encaustic tiles. Those that have survived from the days when they were so modish have usually inherited a melancholy fate. You can find them



still in the cheap photographic studios of unfashionable seaside resorts, in the palm lounges of the not very Grand Hotels, or broken and abandoned in the attics of country houses. It is nice to know that one at least has found dignity and affection in the editor's room at No. 9 Queen Anne's Gate.

#### PROFESSOR TUNNARD

Readers will join with me in welcoming Christopher Tunnard, who arrives in England this week on his first visit since he left several years ago to teach landscape design at Harvard. Now he is assistant professor of Civic Design at Yale. During his time in America he has been as successful in arousing interest in a human and imaginative—yet wholly visual—approach to landscape as he was in England before he left, which is saying a great deal.

Whilst I do not begrudge Yale their energetic professor, we miss him in England, both as a propagandist and as a designer. So far no one has replaced him, yet our new towns alone could do with the services of half a dozen like him. I prophesy a big attendance at his lecture at the RIBA on July 1.

#### LOCAL BOY MAKES GOOD

So my one-time colleague Richard Ryder has an O.B.E. for his efforts in the organization of *Britain Can Make It*. Not, of course, by any means his first effort, which was, I believe, the *British Industrial Art Show* at Dorland Hall in the early 1930's. Since then he has been in the background of shows of

all kinds, quietly nudging manufacturers into producing better designs and keeping promoters clear of pointless stunts. Other efforts included the house equipment number of the *Architectural Review*, which remained almost a standard catalogue of good design from December, 1935, right up to September, 1939, and was produced to almost the same programme as *Britain Can Make It*.

Nineteen-forty found Ryder coming back the long way round (via Cape Town) from the Finnish volunteer force. Shy of many things (but most of all of personal publicity), he has for an Etonian the unluckiest hobby of all—oxy-acetylene welding, more often than not done before breakfast.

#### PRAGUE PHOENIX

The sombre scene reproduced here (from the RIBA Exhibition of *Czech Architecture*, which has just closed) is a scheme for rebuilding the City Hall of Prague, which was almost completely destroyed by the Germans in 1945. The tower on the left represents the "almost." Why the authorities should have allowed it to remain and incorporated it into the uncompromising new building is debatable, but three possible reasons may be hazarded: Sentiment; cost (of demolishing and rebuilding); aesthetics.

It was probably a mixture of all three, and as such the scene is authentic and moving; one has the feeling of a bona fide accretion. South Bank developers please note.

#### ASTRAGAL



## LETTERS

Rev. Leonard Spiller

Colin Penn, A.R.I.B.A.

### Self-contained Chapels

SIR.—A copy of your Journal has just been shown to me by a friend who thought I would be interested to see the plans of the two new churches in Surrey designed by Mr. Knapp-Fisher.

May a parson suggest to church architects the inclusion in future churches of something which would be a great boon, namely, a chapel enclosed and self-contained? What we need are chapels with low ceilings, independent heating, and exits to the street.

Such a chapel in every church would be of the greatest value for two reasons. It could be heated up quickly and economically on week-days in the winter, while fuel scarcity demands that the main church should only be heated at week-ends. A chapel which is just a part of the main building cannot be so warmed, so we have to freeze in the ordinary chapel and worshippers stop away because they cannot endure the cold.

Secondly, frequent thefts from churches make it advisable to have a part of the church which can be fitted with ornaments which are, as far as possible, thief-proof, and which can be left open for private prayer at all times while the main body of the church is locked up except when the verger or watchers can be on guard.

LEONARD SPILLER

### RIBA Elections

SIR.—I thoroughly agree with Mr. Harry Judson's desire to increase the number of Associates on the Council of the RIBA. The figures he quotes show that they are grossly under-represented.

I would suggest, however, that a simpler and more obviously equitable way of attaining his aim would be to provide that Fellows and Associates should have one seat on the Council for each 250 of their members. On present membership this would give 7 Fellows and 21 Associates instead of the 18 and 9 laid down in the By-Laws.

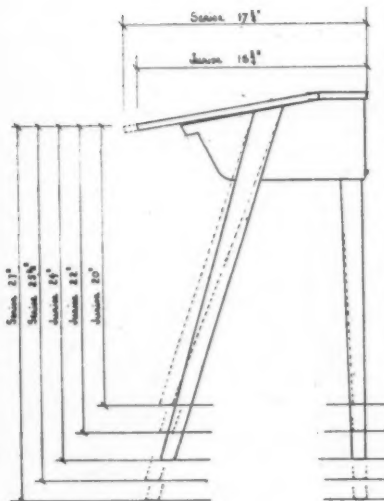
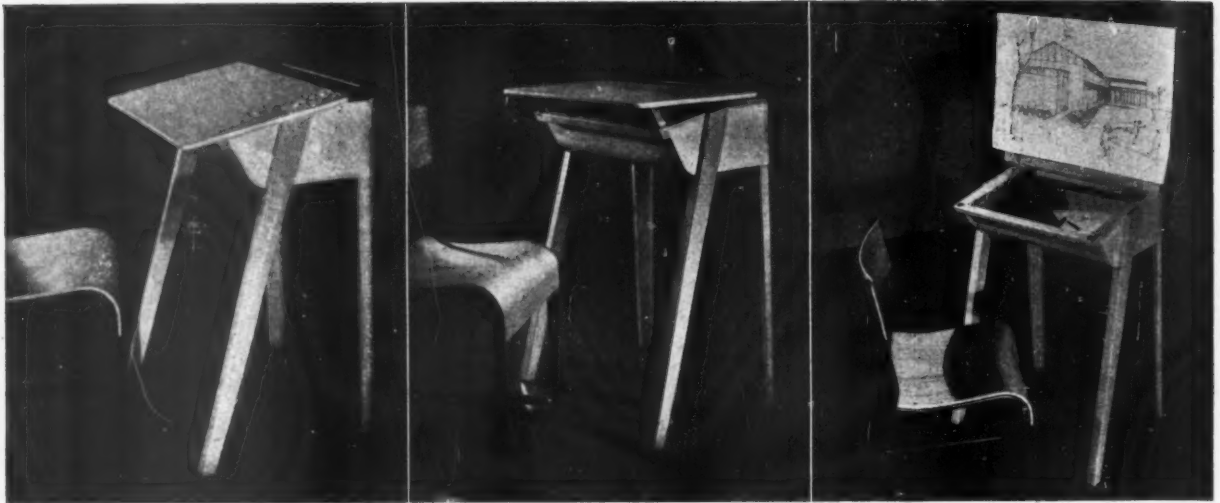
The remaining members of the Council (44, I believe) consist of Officers and the representatives of Allied Societies, Committees, etc. The great majority of them are always Fellows, and this class would therefore continue to be considerably over-represented in proportion to its numbers. The degree of over-representation should even, I suggest, be sufficient to satisfy those holding the belief—implicit in the RIBA By-Laws—that Fellows are wiser and more worthy than Associates.

COLIN PENN

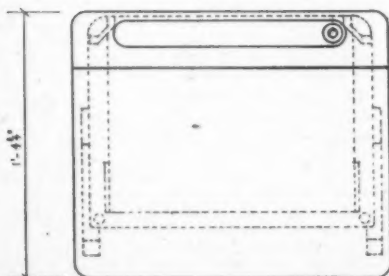


Scheme for rebuilding the City Hall, Prague. See Astragal's note.

## M A D E T O M E A S U R E



SIDE ELEVATION



PLAN

The County Architect of Hertfordshire, already well known for his work in developing the technique of school design, has turned his attention to school equipment. The designs have been prepared by an outside designer to meet the requirements of the Schools Group, Architect's Department, Hertfordshire County Council.

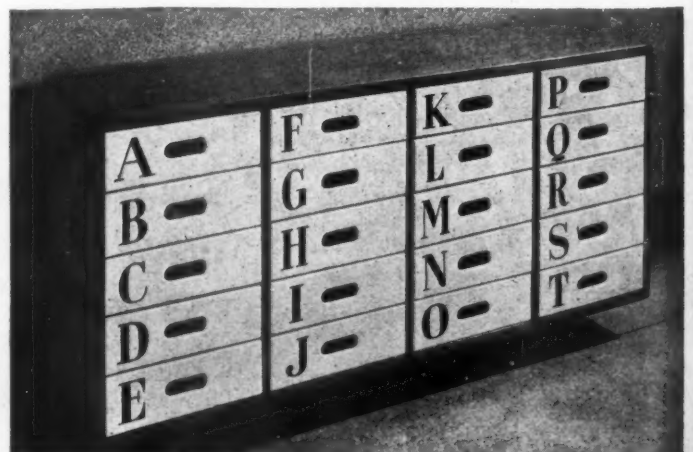
**Pupil's Desk:** Designed by R. D. Russell, commissioned by the manufacturers, the firm of Harris Lebus Ltd.

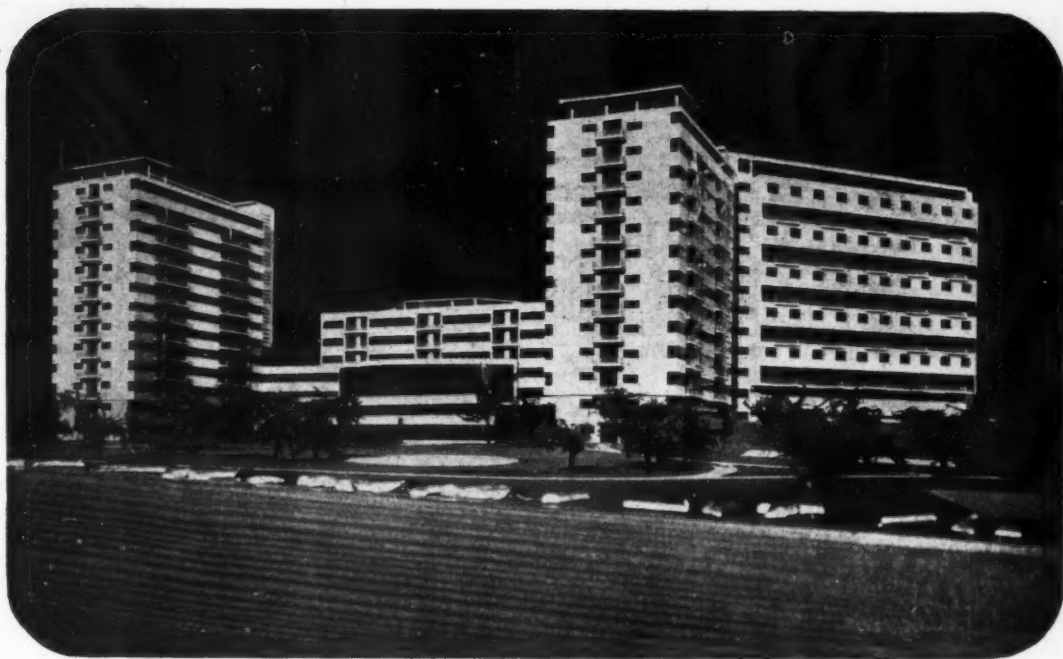
Dimensional surveys were taken of children in the County, after which it was revealed that the dimensional relationships between the top of the seat and the top of the desk that were published in the Markham Committee's report on School Equipment were unsatisfactory, and that if satisfactory results were to be obtained a new desk would have to be designed. It was established that five different heights of desk would cover all requirements for children between the ages of 7-15. The top construction of the desk is standardized and the different heights obtained by altering the leg length.

The book storage box and top are of plywood construction with birch legs. The whole is clear cellulosed, except the pen-and-ink well rail which is stained black to hide ink stains. The legs are designed to facilitate access in crowded classrooms, and the section generally enables good knee room to be combined with a comfortable height of top for writing on. The top can be set in the horizontal position to be used as a flat table top, and several desks can be juxtaposed to give a large table area when required.

The top can also be set in a position 10 deg. beyond the vertical, and is provided with a rail so that it can be used as an easel in an art class. A class room in a County School in Hertford has been furnished with them for user trial.

**Infant's Locker:** Designed by the Schools Group, made by Geo. Hammer and Co. Each infant (age 5-7) has its own locker for personal effects, distinguished by a letter of the alphabet. Clear cellulosed Oregon pine case, with white cellulosed drawer fronts and dark grey letters. Dimensions 4 ft. by 1 ft. 2 in. by 2 ft. 3 in. high.

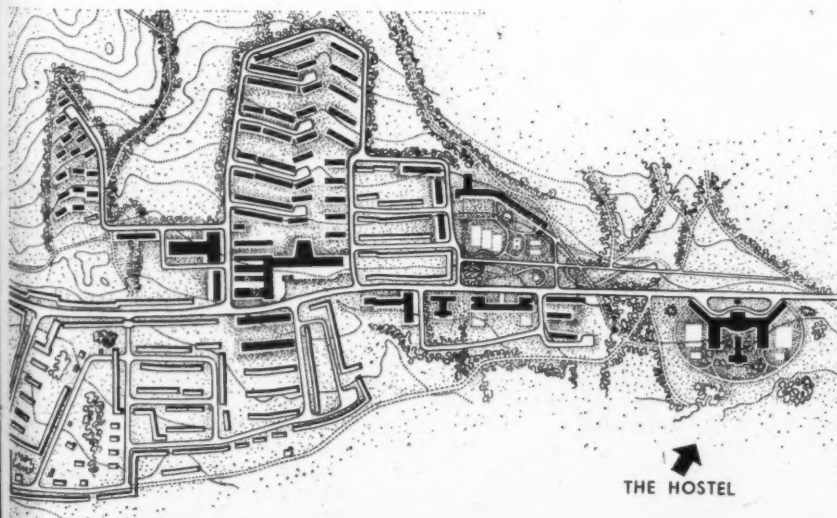




# HOSTEL

AT HORNI-LITVINOV,  
CZECHOSLOVAKIA

DESIGNED BY  
V. HILSKY AND E. LINHART

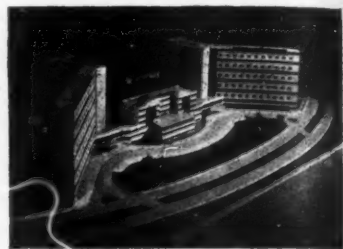
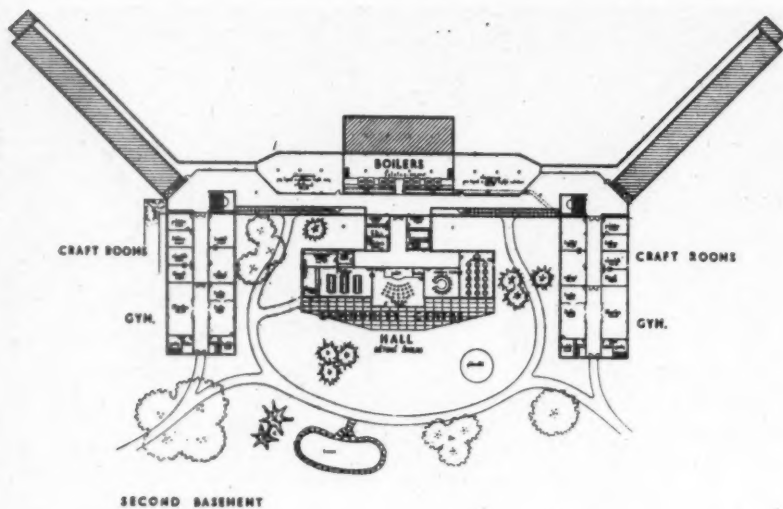


This design was submitted in a competition for the replanning and extension of the town of Horni-Litvinov. New buildings are shown in the lay-out above in solid black. The hostel is on the right.

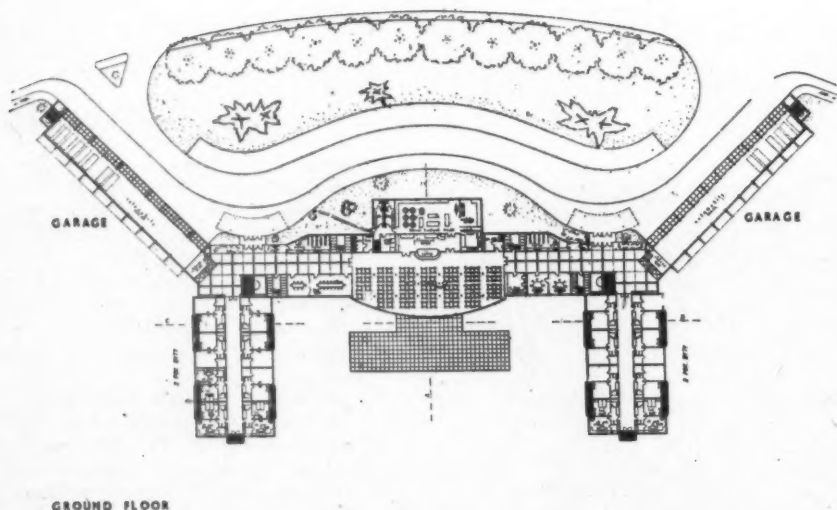
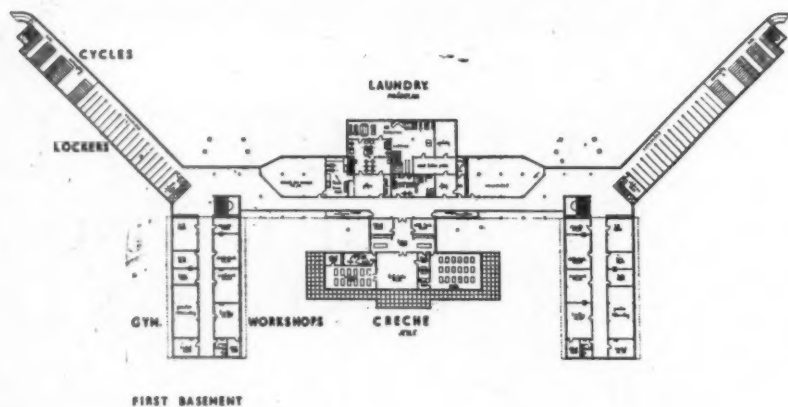
GENERAL.—The building is intended to provide living accommodation for the workers and families of Stalinwork factory at Horni-Litvinov, a synthetic petrol factory originally built by the Germans, some 70 miles from Prague. The site is on a plateau, surrounded by wooded hills, the ground sloping away to the south.

The scheme is designed to accommodate approximately 30,000 people, and will be a step towards the planning of a new town. In all, there will be 292 flats, comprising 100 maisonettes, 160 two-room flats, and 32 single-room flats. Communal facilities will be available to all tenants, comprising community centre, workshop, gymnasium, and music rooms. A crèche and laundry will also be





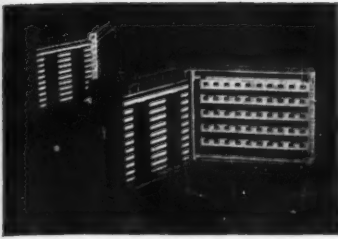
*A view of the model from the north-east. The centre block houses a community centre crèche and hostel for young people.*



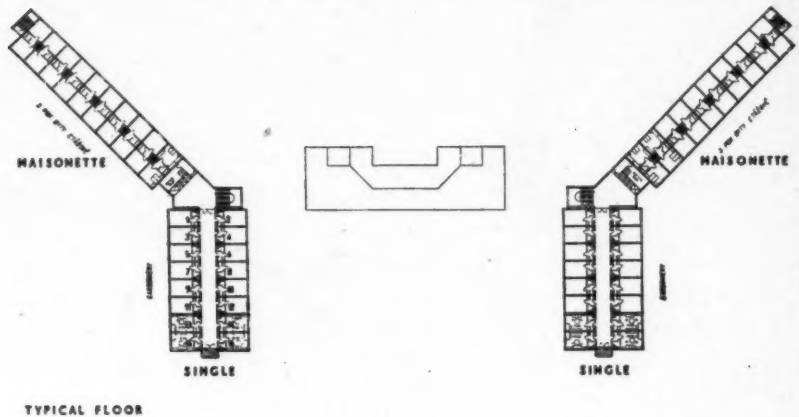
provided. Garages, lockers, and cycle stores will be provided in the north-east and north-west blocks.

**PLANNING.**—There are to be two main entrances, approached by a new road from the north. The flats are planned in two separate blocks facing south-east and south-west. The central block becomes isolated at second floor level, while the flanking blocks rise to ten storeys. By utilising the natural contour of the ground, two extra floors have been obtained below the entrance ground floor in the central block, the lowest floor containing the community centre and boiler room, flanked by

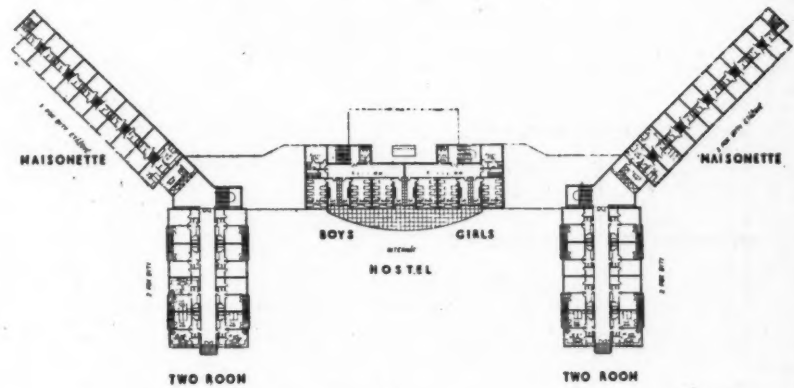




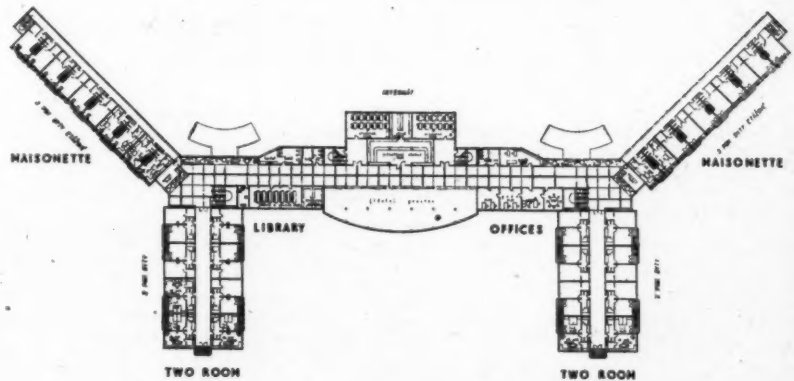
The model from the south-west; the wing on the left houses one-and two-room flats, and that on the right three-room maisonnettes.



TYPICAL FLOOR



SECOND TO FOURTH

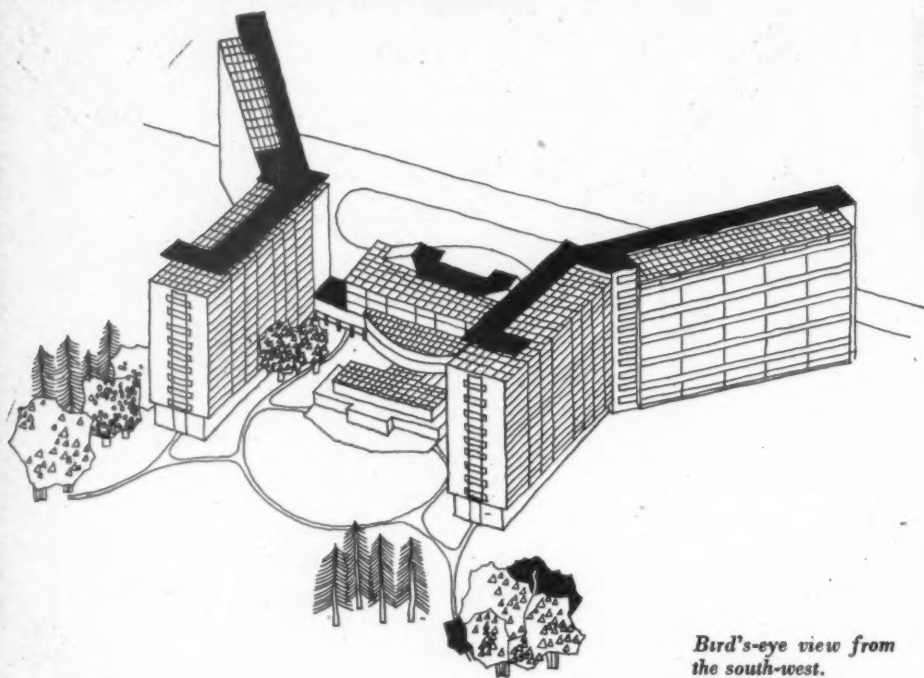


FIRST FLOOR

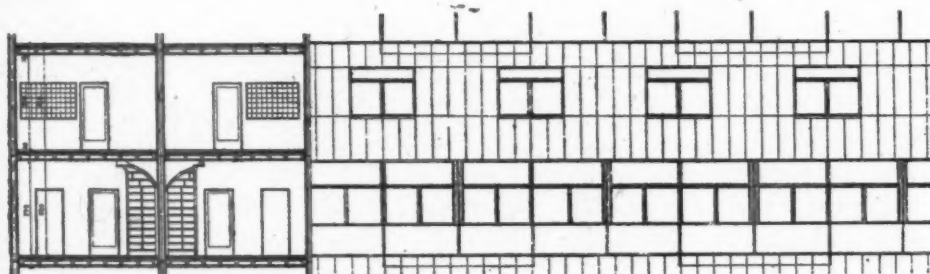
workshops, gymnasium and music room.

**CONSTRUCTION.**—The building is to be a steel-framed structure, with concrete infilling, faced externally with precast slabs, the slabs being so placed as to form a 2-in. cavity.

**SERVICES.**—A central boiler room will provide heating and hot water throughout. Rooms will be heated by panel heaters. All floors in the east and west blocks are to be served by lifts. Windows will be double glazed in timber frame. All floors will be precast slabs or hollow tiles.

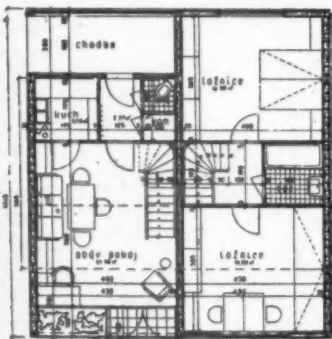


Bird's-eye view from the south-west.

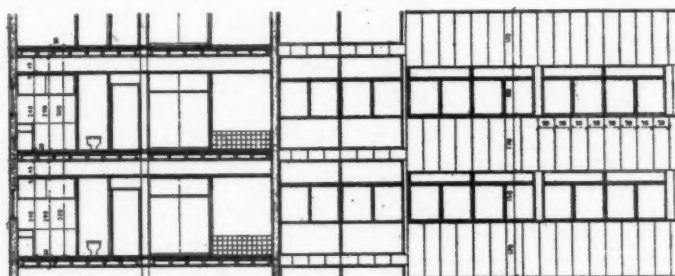


SECTION

ELEVATION

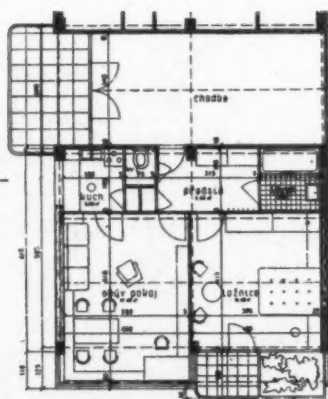


MAISONETTE



SECTION

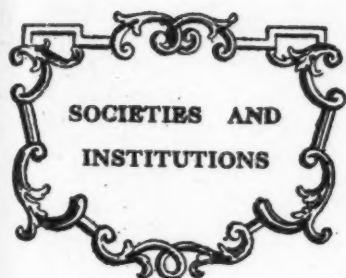
ELEVATION



TWO ROOM FLAT

The accommodation in the Hostel in addition to the community centre is mainly of one- and two-room flats and three-room maisonettes. Above, plan, section and elevation of the maisonette. On the right, plan, section and elevation of a two-room flat.

HOSTEL IN  
CZECHOSLOVAKIA :  
DESIGNED BY  
V. HILSKÝ AND  
E. LINHART



*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.*

## TPCA

### T. B. Oxenbury

May 29. A paper at the Planning Centre, 28, King Street, Covent Garden, London, in the Town and Country Planning Association's lecture series *Town and Country Planning in Practice*. **PLANNING A RURAL COUNTY**, by T. B. Oxenbury, M.I.Mun.E., M.T.P.I., L.R.I.B.A., County Planning Officer for East and West Suffolk.

**T. B. Oxenbury:** The fundamental objectives of planning and the physical re-creation of town and country are to ensure that the use of land and its development shall be guided by considerations of benefit to the community as a whole rather than the advancement of individual interests. The whole process of planning is one of co-ordination, of arbitration between the conflicting claims of different activities and, in its highest form, one of conception and creation.

In order to appreciate all the factors making up the problem we must first understand the nature and disabilities and assets of the area with which we have to deal. This involves searching investigations into the life history and structure of town and rural centres of population and the physical make-up and land use of the countryside. Planning is an evolutionary process, and the four fundamental stages—compilation of survey, definition of policy, formulation of plan, and actual physical development—can only be successful if each stage is understood and supported by an informed public opinion.

## SURVEY

Under the new Town and Country Planning Bill every planning authority will be under an obligation to carry out a survey of their area and to prepare a plan. The "factual" survey is now the acknowledged prelude to all schemes of town and country planning. The survey reveals, *inter alia*: the purpose and function of the existing population concentrations of a given area, e.g., whether its make-up is purely agricultural, industrial or recreational, etc.; the existing character and use of the land. From an analysis of these revelations emerges an understanding of the inherent weaknesses and potentialities of the structure and inter-relationship of communities from the physical, social, recreational, education and spiritual standpoints. We may also glean from these findings the areas outside the sphere of the necessary social services. Whilst detailed examination of survey technique is not embraced within the scope of this paper, mention should be made of an important aspect of "fact-finding"—the "spheres-of-influence" survey. This involves a study of the social and economic conditions over the whole of a rural area and the determination of boundaries of each sphere of influence. The territorial delimitation of the "sphere" or "catchment area" of each country town will vary according to a defined community of interest and economic inter-dependence.

## EXISTING POPULATION DISTRIBUTION

The population pattern of the countryside is made up of scattered farms and cottages interspersed with villages, which are in themselves local focal points serving the spiritual, education and, to a lesser degree, the social needs of the parishes which they serve. Next in degree of importance are the country or market towns, which again represent focal points of much greater importance than the villages. Generally, the market town forms the main commercial and business centre of a district, and possibly it may provide cultural facilities where a strong community spirit prevails.

The rural population were content to grow purely for home consumption, but the ready market opened up wider avenues and farming became a commercial proposition. A centre was then found necessary to dispose of the produce. The centre grew as the market developed and service industries and other ancillary trades developed in and around this centre. Eventually, the rural communities found they required to buy from outside, so in this way the market town became not only the trading centre for the sale of produce and cattle but also a centre from which the countryman could purchase his everyday requirements.

Owing to the very bad condition of the roads in mediaeval days, market towns were located at frequent intervals, as the market had to be within walking distance of the farmsteads and villages it served. In many cases the market centre was the largest of a group of villages. Partly owing to the geographical position and improved access to the outside world some of these centres developed more than others and, in time, in addition to being market centres, became rural industrial centres as well, processing agricultural products such as milling, brewing, tanning, weaving, etc., and the establishment of industry ancillary to agriculture.

## PLANNED POPULATION DISTRIBUTION

If agricultural labour is willing to stay on the land and the tendency of the population of this country to congregate in over-large cities is to be checked, those town amenities, attractions and employment opportunities that at present seem to draw away the younger generation must be

brought within easy reach of the people of the country. A balanced community must be built up of small, adequately serviced villages within easy access of flourishing country towns of a type that can offer, in addition to shopping and social amenities, some form of alternative employment for the people of the countryside.

These towns will in turn depend for their higher education, their less-frequent purchases, their specialised health services and their music and drama on a larger county town. From this it follows that within broad limits the town sizes must also be determined; they must be brought up to reach a population capable of supporting the town structure required and prevented from growing so large as to become badly planned and prejudicial to healthy living.

To arrest the flow of the younger generation of rural dwellers to the towns, alternative employment must be available on the spot, and the solution would appear to lie in the introduction of selected types of light industry into the country towns and larger villages, and the development of certain places as cultural centres where a village college could be established to serve a neighbourhood.

## POPULATION CENTRES

Such a town will serve a group of country towns and the scattered population of the rural area, with all those social, economic and physical necessities that are not practicable in the smaller country town.

It follows that if the country town and rural areas are to benefit, they must be within reasonably easy reach of the parent town, and it has therefore been assumed that no outlying town or district should be further distant than 25 miles (three-quarters of an hour by car, bus or train) from such a centre.

The country town provides for the district in which it lies, the secondary and adult educational services, the weekly shopping needs of the rural population within its sphere of influence, and the other social and economic needs of every-day life. It is the centre where fresh country produce can be collected, processed or marketed and where light industrial undertakings for the most part connected with agriculture can provide alternative occupation for those not wishing or not able to work on the land.

The physical characteristics of the town site, its industrial potentialities, the communications available and the general development possibilities will be the deciding factor affecting the ultimate town population for which it would be necessary to plan. It is essential to ensure that such a town is within reach of those it is intended to serve, and it has been assumed that no outlying area should be further distant than seven miles from such a centre (i.e., quarter of an hour by car, bus or train or 40 minutes by bicycle).

It is not possible or practicable, at the moment, to fix and rigidly apply a ruling distance apart for the spacing of villages throughout the county. Taking local circumstances and the position of established villages into account, however, and assuming that a travelling distance to work of from 1½ to 2 miles would be reasonable, it has been possible to put forward proposals establishing the villages to which development should, in the main, be directed and freely permitted in the immediate future.

## HOUSING IN RURAL AREAS

At the outset, it is not so much a detailed problem of individual sites to be selected and negotiated for acre by acre; it is rather one of examining a district as a whole and deliberately planning to locate new housing in centres where an additional population would make economically possible the provision of the necessary services and amenities and of withholding development from many of the smaller hamlets where servicing



and social problems would only be enhanced by further small-scale development. Planning a housing programme on these lines will indicate where attention should be focused on the choice of actual sites, and will help the rural community to grow as a community.

In dealing with the location of particular sites in any previously determined centre, there are four main considerations that bear upon the choice of the site: the relationship to existing villages or hamlets; the relationship to roads; the agricultural value of the land; and its topographical characteristics.

### INDUSTRY IN RURAL AREAS

The general conclusion of the Scott Committee on the location of industry in rural areas was that before new towns are established in country areas, vacant and derelict industrial sites in existing towns should be fully utilised, but on balance introduction of carefully regulated industry into the towns of country areas would be beneficial.

We must first turn our attention to the smaller country town and larger village communities, of from, say, 2-10,000 population, for the re-location of dispersed industry. Many will not offer the necessary facilities—both from the point of view of geographical position—transport facilities and accessibility to markets. Others may well fulfil these conditions—they may already have a nucleus of industrial development, just enough to prevent them from dying altogether. Introduction of selected industries into these towns possessing social activities and tradition will bring in its train a resuscitation and expansion of social, cultural and recreational facilities. Another aspect of dispersion to be guarded against is, of course, that new factories should not give rise to smoke fumes or effluents which would be likely to foul the air or pollute the streams or in any way mar the landscape.

It is important that industry grouped in convenient centres should be diverse in character. Single industry towns are unstable and living on the brink of a precipice. If for some reason the particular industry goes "dead," then the town suffers—it may become a depressed area with remote chances of recovery. Towns with two or more diversified industries have greater prospects of weathering lean times should they come in any one particular industry.

### RURAL SERVICES

The mobility of electric power opens up a new era for the country dweller, providing in no small measure better living conditions and increased comfort in the home. Great strides were being made before the war towards the electrification of the countryside; greater demands than ever will be made by the farming industry for a supply of electricity so essential for increased efficiency. The Rural Water Supplies and Sewerage Act, 1944, forms part of the Government's general post-war reconstruction programme and places at the disposal of the Minister a sum of £15,000,000 to assist schemes for the provision or improvement of water supply and the provision of sewerage facilities in rural areas of England and Wales. The Water Act of 1945 places a duty on the Minister of Health to promote the conservation and proper use of water resources and the provision of water supplies in England and Wales and the formulation of a national policy relating to water.

### TRANSPORT AND ACCESS FACILITIES

The whole of the present main road system of the country requires careful consideration with a view to the improvement of communications between the towns and centres of importance, with due regard to the needs of industry. The location of industry and

measures for improving traffic routes should go hand in hand. In post-war planning, through traffic should not continue to use residential and shopping streets of our towns and villages. If the position warrants it, where practicable, by-passes should be constructed to avoid the country towns and larger villages. The further development in these communities could proceed on sound lines without the menace of a "perpetuated" major traffic problem. The whole of the railway system requires overhauling with a view to improved communications between important centres and particularly those areas where new industry will be located. Large tracts of good agricultural land have been appropriated by the Air Ministry for operational aerodromes. Those no longer required should be restored to agricultural uses—the problem will arise as to what use the extensive buildings are to be put. They may, of course, be utilized for farm purposes for storage and for housing machinery, but how far and to what extent they are adaptable to rural industry is a matter with which planning authorities will have to deal.

### LAND USE IN THE COUNTRY

The need to retain our best agricultural land for farming or market gardening use, the fact that services and other social amenities can only be supplied economically to groups of dwellings, and the urgent necessity to prevent the road deaths engendered by ribbon-development, all point towards the need for setting the clear-cut limit to town and village already discussed, and make the zoning for land use in the country a relatively simple matter. Four main types of zone need to be considered. Woodlands requiring some sort of protection, land which owing to its liability to flood or high ground water level is unfit for normal building purposes, open spaces and recreational areas, and finally the rural or agricultural zone itself, embracing the remainder of the land.

Within this zone will lie many county smaller villages and hamlets and, if good planning principles are adopted and applied with continuity and discretion, detailed zoning for these places can be dispensed with, each application for change of use or development being judged on its individual merits.

This method will provide adequate power, combined with a flexibility that has in the past been much hampered by an over-cumbersome zoning machinery designed primarily for use in the larger built up areas.

In addition to the four zones outlined above is the necessity to provide by some means opportunity for the two types of holiday maker, he who is looking for an urban and highly organized seaside vacation and he who wants nature and solitude.

## RIBA

# War Memorial

The following is a list of the names of members and students which are to be inscribed on the RIBA War Memorial. It is intended to include the names of those who lost their lives as a result of enemy action as well as those who were killed or died whilst serving in the armed forces. Any corrections or omissions should be notified to the Secretary at the earliest possible moment.

### HONORARY ASSOCIATES (2)

Casson, R.

Whistler, R.

### FELLOWS (6)

Burleigh, H.  
Farmer, H. C.  
Fox, H. L.

Burles, D. H.  
Farquhar, L. G.  
Marshall, C. B.

### ASSOCIATES (87)

Annan, W. R.  
Bennett, H.  
Binyon, R. B.  
Broad, R.  
Brown, G. H.  
Bruce, J. N. G.  
Burton, A. K.  
Cannon, J. C.  
Castle, H. H.  
Cochrane, F. A. A.  
Coles, R. E.  
Craig, D. McL.  
Davis, E. E.  
Delson, E.  
Dobson, F. C.  
Fisher, O. K.  
Fraser, C. C.  
Gordon, H. I.  
Griffiths, F. W.  
Halliday, J. L.  
Harding, V.  
Harland, M. A.  
Hobday, H. H. J.  
Ingilis, C. W. A.  
Johnston, J. B.  
Kelly, W. E.  
Le Rossignol, J. A.  
Lewis, P. H.  
McIntyre, E. M.  
Manning, O. D. G.  
Matthews, R. H.  
Morley, C. S.  
Perryer, H. R. D.  
Quennell, R. P.  
Kaven, A. L. B.  
Riley, H. S.  
Robin, A. A.  
Sherwin, R. W.  
Tafender, W. C.  
Thomas, N.  
Verdon, R. B.  
Weiss, O. S.  
Wheeler, J.  
Wood, G.

Batt, B. B. H.  
Billing, J. M. M.  
Bradshaw, S. W.  
Brown, B. J.  
Browne, A. D.  
Buckland, F. J.  
Bushell, P. E.  
Carter, R. J.  
Chappell, D.  
Cochrane, J. B.  
Cousins, F. W.  
Crowe, G. K.  
Deas, J. H.  
Dent, D. M.  
Edgar, J. C.  
Foster, A. S.  
Goulden, H.  
Green, D. A.  
Grundy, J. A.  
Hamilton, I.  
Hardman, C. N.  
Hicks, T. C. G.  
Hooper, E. M.  
Johns, W. E. F.  
Jones, J. R.  
Lanchester, H. R.  
Ivey, A. P.  
Locke, B.  
McQueen, A. N. L.  
Mason, O. J. C.  
Medcalf, A. B. J.  
Mok, J. C.  
Pottier, J. E.  
Rathmell, M.  
Richardson, G. S.  
Robertson, A. S.  
Scard, H. E. A.  
Smith, H. B. K.  
Thomas, B. W. R.  
Tooth, D. R. N.  
Webb, C. C. G.  
Westcott, J. S.  
Wilson, H. E.

### LICENTIATES (15)

Athron, T. S.  
Daniel, R. C. B. A.  
Geddes, C. W.  
Hamid, S. A.  
Manser, H. A.  
Smith, G. A. W.  
Warr, C. W.  
Withers, K. G.

Bethune-Williams, D.  
Ellis, G. N.  
Green, J. D.  
Land, F. H.  
Pickersill, C. D.  
Stewart, J. H. P.  
Warren, E. A.

### STUDENTS (90)

Alabaster, R. A.  
Archer, J. P.  
Ball, A. R. B.  
Boustead, C. J. E.  
Brenner, A.  
Buckley, J. C.  
Clark, F.  
Clinging, B. J.  
Connelly, W. G.  
Coulton, R. T.  
Cowan, T.  
Duncan, J. B.  
Elliott, J. H.  
Foley, J.  
Giles, M. J.  
Good, W. F.  
Hammond, G. N.  
Harrison, G.  
Hartley, P. H.  
Hillman, W.  
Hume, R.  
Kauffmann, E. C.  
King, W. A.  
Lawson, G. W.  
Lonsbottom, I.  
McKay, C.  
Matthews, V. R.  
Morgan, H. R.  
Napper, P. E. C.  
Parsons, W. J.  
Pemberton, O. J.  
Perrin, F. R.  
Purvis, B. L.  
Scott, F.  
Sims-Hilditch, T.  
Steele, W. G.  
Thicke, R. C. E.  
Todd, P. M.  
Tranmer, E. W.  
Walker, J. B.  
Wear, E. F.  
White, E. R.  
Wilkins, J. P.  
Wiseman, R. H.  
Woodcock, W. R.

Arbib, J. H. V.  
Arnold, G. W.  
Ball, L.  
Bozier, G. A.  
Brocklesby, P. W.  
Caris, A. C.  
Clay, D. H.  
Colahan, D. C.  
Cook, L. A. L.  
Courtney-Laver, L.  
Dimmock, W. H.  
Edwards, P. C.  
Fogarty, O. J.  
Gaydon, J. R.  
Goad, L. R.  
Gordon, R. D.  
Harper, L. K.  
Harze, M. E.  
Hill, T. J. T.  
Hughes, A. M. B.  
Hutchinson, M. H.  
Kennedy, J. N.  
Knox, J. T.  
Lawton, K. W.  
Lovelace, W. J.  
Macphie, I. M.  
Milsom, F. G.  
Mortimer, G. E.  
Newton, A. T.  
Paul, I.  
Perry, K.  
Pritchard, R. K. R.  
Robertson, R. A.  
Seed, J. A.  
Smith, F. G.  
Suskind, A. J.  
Thorne, P. L.  
Tomlinson, J. B.  
Troke, W. H.  
Wallis, C. J.  
Webb, C. H.  
Williamson, E.  
Wilson, H. P. B.  
Wood, C. A.  
Woodnoth, H. W.

### MEMBERS OF THE STAFF KILLED ON ACTIVE SERVICE (2)

Bash, W. C.

Robertson, R. W. H.





*A view from the south-west. The terrace has been omitted for the present owing to price restriction.*

# HOUSE

## AT CHORLEY WOOD, HERTS

DESIGNED BY C. C. HANDISYDE

**GENERAL.**—The house is situated near Rickmansworth on a narrow site 50 ft. by 270 ft., set back 160 ft. from the road to obtain the best views across the Chess valley.

The house was designed with a view to easy management.

**PLANNING.**—There is a dining recess off the living room, with access to the kitchen. In view of the price restriction, it was found necessary to omit the terrace and

front porch for the present. The two main bedrooms on the first floor open on to a joint balcony.

**CONSTRUCTION.**—The walls are of cavity construction, the inner leaf consisting of 4-in. clinker concrete blocks, the outer leaf 4½-in. rustic flettons. Owing to the exposed position of the house, the inner leaf of the cavity walls was made of 4-in. clinker block instead of brick to provide a higher degree of insulation. The ground floor

is solid throughout, the first floor and roof being of timber construction.

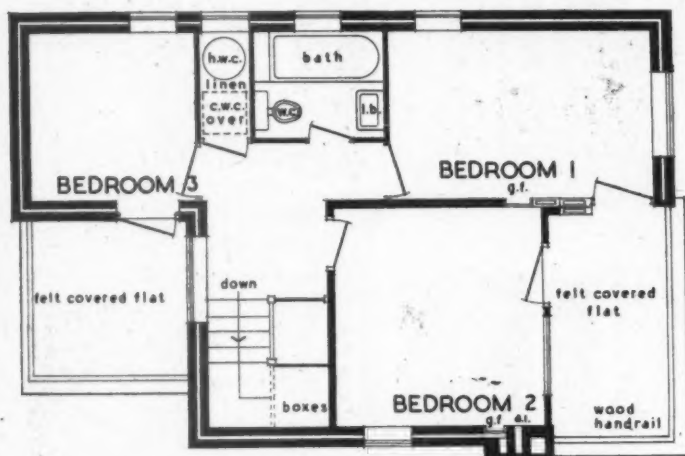
There is an open fire in the living room, the remainder of the rooms being heated by gas fires.

The roof and ceiling under the balcony are insulated with aluminium foil.

The living room fire is a convector type, and in addition a gas fire is placed on the opposite wall to ensure even heating during excessively severe weather. Convection

of warm air from the fireplace to the bedroom above is by a 9 in. by 4½ in. duct.  
Cooking is by gas. A hood over the cooker extracts steam and fumes through a Mantike flue. Water heating is by a gas storage heater placed at the back of a deep linen cupboard.

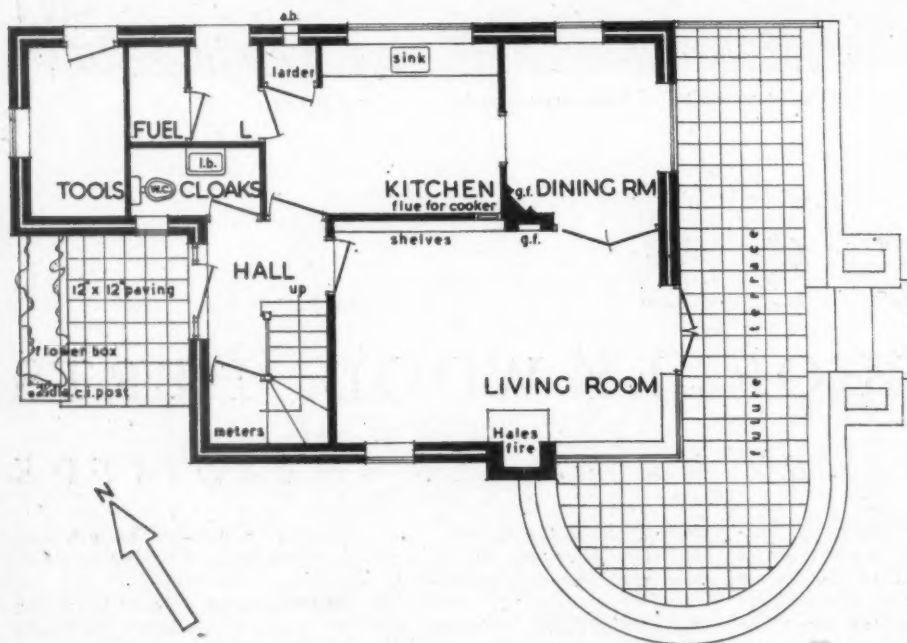
To avoid fracture of pipes by frost, the cold tank is placed in the linen cupboard above the water heater. The rising main enters at 2 ft. 6 in. below ground and continues under the floor to the downstairs cloaks.



FIRST FLOOR PLAN



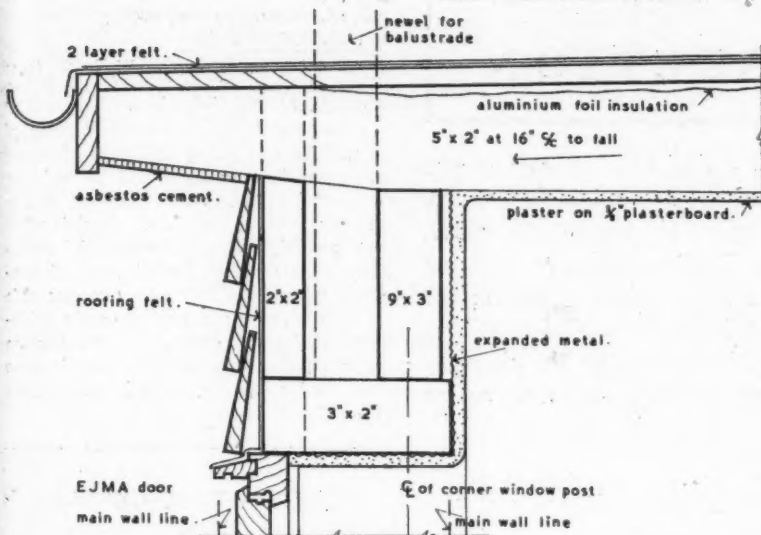
The front door.



GROUND FLOOR PLAN

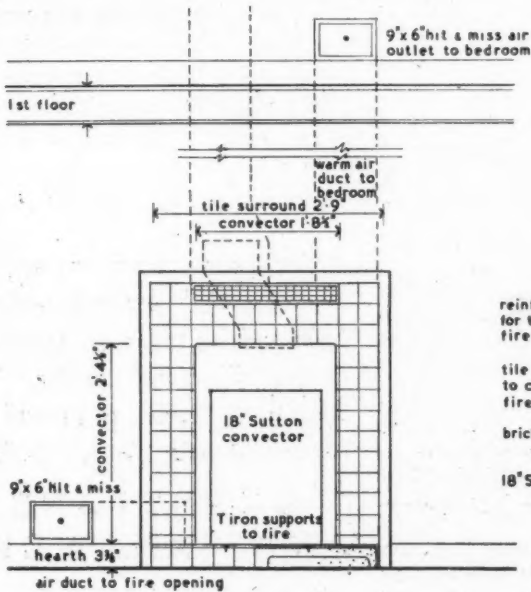
[Scale: 1/4" = 1'0"]

**FINISHES.**—The living room floor is of pine block, other floors on ground level are cement, with linoleum covering. First floor is of timber construction, walls are plastered, ceilings are plaster-board and skim coat. Internal window cills are buff quarry tiles. Windows are Ejma wooden frames. The general contractors were Messrs. Gullett and Sons, Ltd. For list of sub-contractors see page 554.

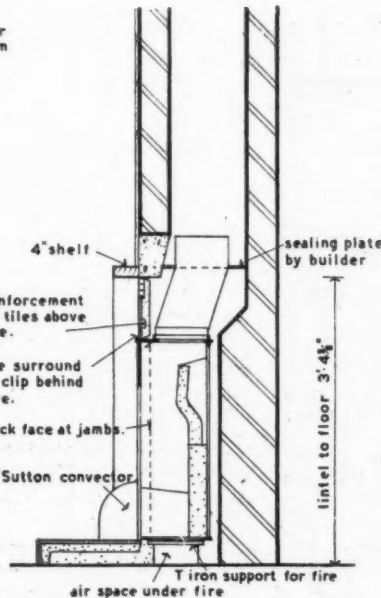


LIVING ROOM DOOR HEAD SECTION

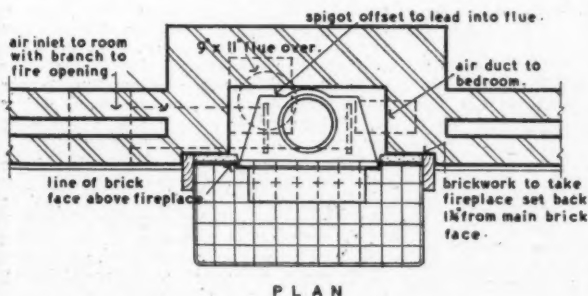
[Scale: 1 1/4" = 1'0"]



ELEVATION



SECTION



PLAN

FIREPLACE DETAIL

[Scale: 1/2" = 1'0"]



## 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.

#### 4.11 planning: urban and rural

##### RURAL HOUSING: RECONDITIONING

*Reconditioning in Rural Areas.* Rural Housing Sub-Committee of the Central Housing Advisory Committee. (HMSO, 1947. 9d.)

Fourth Report of Rural Housing Sub-Committee under chairmanship of Sir Arthur Hobhouse. Need for reconditioning rural housing. Availability of labour. Financial considerations and new legislation. Programme for reconditioning. Houses of architectural or historic merit. Statistical data.

The report deals with the problem of rural houses above the demolition standard but which nevertheless require to be thoroughly brought up to date in order to comply with modern requirements. It is assumed that the work of reconditioning a rural dwelling will result in the dwelling being brought up to a standard which compares favourably with the standard of a new house. There is no need for diverting labour from new building as reconditioning in rural areas can be carried out by many small builders who are not in a position to tackle new building effectively or on a competitive basis.

In view of the fact that the power to make grants or loans under the Housing (Rural Workers) Acts expired in September, 1945, recommendations are submitted for the scope of a new Act and for the size of grants and loans together with a complete reconditioning programme.

Standards to which reconditioned dwellings should conform are set out in detail, and it is recommended that the right type of

skilled architectural advice should be employed in each case. Houses suitable for reconditioning should be identified by means of rural housing surveys. The Ministry of Health should collaborate with the Ministry of Town and Country Planning on the question of special reconditioning of houses of architectural or historic merit.

Some useful data for the planner are provided in Appendix A which gives a table of general-rural housing statistics covering the period 1st January, 1919, to 31st March, 1945.

#### 5.7 planning: public utilities

##### HIGHWAY DESIGN: ACCIDENTS

*Highway Design in Relation to Road Accidents.* G. T. Bennett. (Surveyor, April 18, 1947, pp. 211-212.)

Paper presented at meeting of Institution of Highway Engineers, April, 1947. Review of previous experiments and research into problem of accident prevention through improvements to road junctions. Suggested improvements in design illustrated by two diagrams of junctions.

#### 15.7 materials: applied finishes and treatments

##### PAINTING ACOUSTIC BOARDING

*Painting Acoustic Boarding.* (The Decorator, April, 1947, p. 28.)

Very brief reference to problem of decorating acoustic boards without hindering their sound absorptive properties. Use of spray gun applied water paint advocated, application being made at an angle across the boards to prevent clogging the pores. Flat oil paint also suggested. Thinly bound paints should be used, these requiring numerous coats: cost therefore relatively high. Reference to survey published by US National Bureau of Standards.

#### 23.29 heating and ventilation

##### FUEL ECONOMY

*Conservation of National Fuel Resources.* F. M. H. Taylor. (J. Institution of Heating and Ventilation Engineers. March, 1947.)

General review of practical possibilities in fuel economy. Covers very wide range, chiefly industrial. Discusses improvement due to use of processed fuel.

Although this paper is intended mainly for heating engineers it contains a number of suggestions useful to architects, particularly those concerned with industrial building.

#### 25.20 water supply and sanitation

##### MANHOLE WALLS

*Small Brick and Concrete Walls to Stand Water Pressure.* L. B. Escritt. (The Surveyor, March 14, 1947. Vol. CVI, p. 151.)

Critical examination of standard rules of thumb for calculating thickness of small underground walls; some still in use date from pre-portland cement era lead to extravagant use of materials. Special reference to manholes, small underground chambers. Writer argues for adoption of consistent rules based on reality, suggests safe tensile working stress for watertight brickwork of 60 lb. per sq. in. Nomogram diagram giving wall thicknesses required on this basis for depths up to 40 ft., and lengths of wall up to 14 ft.

### INFORMATION CENTRE INDEX

An alphabetical index for the first six months 1947, covering items published from January 2 to June 26, inclusive, is being prepared. Readers who wish to have a copy — it is free of charge — should notify the Technical Editor, The Architects' Journal not later than June 30.

*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

#### 2899 WAR DEPARTMENT LIABILITY

**Q.** *The War Department occupied certain premises for six years; the paintwork was described as moderate and poor in different parts of the building. They refuse to pay the whole cost of repainting the walls as they were previously painted; they offer one-half and one-third according to the original condition. Can they legally refuse to pay the whole of the cost of painting the walls of the rooms they occupied?*

**A.** In answer to a question in the House of Commons on November 5 last the Secretary of State for War said:—The War Department liability under Section 2 (1) (b) of the Compensation (Defence) Act does not necessarily extend to the full cost of the reinstatement ordered by the claimant, but is estimated with reference to such factors as the condition of the property when requisitioned, and in particular the extent to which the normal life of the decorations, repairs, etc., had expired at the date of requisition. In short, the claimant is only entitled to the cost, at the date of de-requisition, of making good the damage occurring during, and not before, the military occupation.



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# Timber endures

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The following tables summarise the official statistics on housing progress, the production of building materials and the labour position.

## HOUSING, MATERIALS AND LABOUR

[by Ian Bowen]

### HOUSING

TABLE I PERMANENT HOUSES IN GREAT BRITAIN: Cumulative Totals

—	Begun			Finished		
	Local Authorities	Private Builders	Total	Local Authorities	Private Builders	Total
To Dec., 1945	20,409	—	—	1,657	1,031	2,688
1946: May ..	69,591	35,597	105,188	3,939	5,854	9,793
June ..	82,178	40,267	122,445	5,059	7,945	13,004
July ..	97,126	44,878	142,004	6,530	10,911	17,441
Aug. ..	112,491	48,841	161,332	8,335	13,670	22,005
Sept. ..	130,705	52,218	182,923	10,902	17,394	28,296
Oct. ..	150,882	55,800	206,682	14,570	21,177	35,747
Nov. ..	165,447	58,581	224,028	18,459	24,639	43,098
Dec. ..	178,379	61,293	239,672	23,923	28,175	52,098
1947: Jan. ..	190,340	63,319	253,659	28,440	31,609	60,049
Feb. ..	197,938	64,459	262,397	30,607	33,278	63,885
March ..	205,159	65,864	271,023	34,436	35,430	69,866
April ..	218,815	67,826	286,641	40,425	38,184	78,609
Increase of April over March ..	13,656	1,962	15,618	5,989	2,754	8,743
Total at April 30, 1947						
Local Authorities ..	..	..	..	Under Construction	Finished	
Private Builders ..	..	..	..	178,390	40,425	
War-destroyed rebuilt ..	..	..	..	29,642	38,184	
Government Departments ..	..	..	..	16,173	9,156	
	..	..	..	1,617	141	
Total ..	..	..	..	225,822	87,906	

TABLE II TEMPORARY HOUSES IN GREAT BRITAIN: Cumulative Totals

—	Slabbing Begun	Slabbing Completed	Erection Begun	Erection Completed
To Dec., 1945	61,008	39,998	22,932	9,376
1946: May ..	99,142	76,640	54,871	30,637
June ..	103,322	84,594	61,472	35,139
July ..	108,374	92,100	69,057	40,425
Aug. ..	114,016	98,744	76,519	47,176
Sept. ..	117,422	103,700	83,725	57,040
Oct. ..	122,742	109,368	93,201	70,121
Nov. ..	128,258	112,837	98,650	80,135
Dec. ..	131,646	115,711	103,796	92,306
1947: Jan. ..	134,023	118,451	107,214	97,070
Feb. ..	136,238	118,734	109,033	99,461
March ..	137,992	119,759	111,002	101,717
April ..	140,333	123,757	115,166	106,664
Increase of April over March ..	2,341	3,998	4,164	4,947

Temporary Houses Under Construction at April 30: 8,502.

TABLE III NON-TRADITIONAL PERMANENT HOUSES (ALREADY INCLUDED IN TABLE I) GREAT-BRITAIN: Cumulative Totals

—	Begun	Completed
To end Nov., 1946	28,285	2,625
Dec. ..	31,947	3,521
Jan., 1947	34,457	4,183
Feb. ..	36,083	4,627
March ..	38,159	5,495
April ..	42,170	6,687

Non-traditional Houses Under Construction at April 30: 35,483

TABLE IV \* HOUSING ACCOMMODATION PROVIDED OTHERWISE THAN BY NEW BUILDING: Cumulative Totals

—	Unoccupied War-Damaged Houses Repaired	Conversions and Adaptations
To end Nov. 1946	105,228	31,676
Dec. ..	107,898	35,814
Jan., 1947	110,149	38,693
Feb. ..	111,955	40,653
March ..	114,117	42,826
April ..	116,772	44,909
Increase of April over March ..	2,655	2,083

\* Emergency Huts (programme finished August 1946) provided for a further 3,480 families.

### BUILDING MATERIALS

TABLE V PRODUCTION AND STOCK†

—	Unit	April-June, 1946		April, 1947	
		Production	Stocks‡	Production	Stocks‡
Cement ..	th. tons	(monthly average) 569	240	(monthly average) 601*	178
Bricks ..	millions	265	379	349	378
Roofing materials					
Clay tiles	th. squares	33.5	34.2	45.6	27.5
Concrete tiles	th. squares	19.4	30.8	52.2	61.4
Slates ..	th. squares	23.0	40.4	—	—
Asbestos cement sheeting	th. tons	26.7	—	30.0*	—
Roofing felt	th. rolls of 24 sq. yds.	192	155	232*	99
Ceilings, Wall Linings and Floorings					
Plaster gypseous	th. tons	15.3	—	16.9*	—
Plasterboard ..	th. sq. yds.	3,026	342	3,711*	277
Tiles					
Glazed ..	th. sq. yds.	425	—	514	—
Floor (Clay) ..	th. sq. yds.	93.3	—	136	—
Pipes (Water, Gas, etc.)					
Lead ..	th. tons	4.10	—	3.51	—
Copper ..	th. tons	2.39	—	2.80	—
Soil Pipes (cast iron)	th. tons	1.4	—	2.50	—
(Asbestos Cement)	th. tons	—	—	0.2*	—
Drain Pipes, Salt Glazed ..	th. tons	31.2	—	32.6	—
Rainwater Goods, Gutters and Fittings					
Cast Iron and Pressed Steel	th. of equiv. tons of cast iron	2.73	—	5.24	—
Asbestos Cement Goods	th. tons	—	—	1.1*	—
Manhole Covers and Frames	th. of equiv. tons of cast iron	2.92	—	3.24	—
Metal Windows ..	Mn. ft. sup.	2.67	1.97	4.21	3.63
Sanitary Fittings					
Baths ..	thousands	22.6	—	31.8	—
Lavatory Basins	thousands	64.8	—	67.51	—
Sinks ..	thousands	46.1	—	53.8	—
W.C. Pans ..	thousands	74.6	—	72.1	—
Cookers ..	thousands	10.0	—	20.1	—
Solid Fuel ..	thousands	12.5	—	18.1	—
Electric ..	thousands	28.3	—	33.0	—
Gas ..	thousands	47.1	—	78.4	—
Fires, Solid Fuel ..	thousands	15.4	—	16.2	—
Wash Boilers ..	thousands	36.0	—	38.7	—
Electric ..	thousands	2.7	—	5.0	—
Gas ..	thousands	0.14	—	1.54	—
Furnace Pans (Solid Fuel)	thousands	—	—	—	—
Solid Fuel ..	thousands	—	—	—	—
Softwood Timber (Imports and Home Produced)	th. stds.	49.8	310.1	76.3‡	117.8†

\* 5 week period. † Other figures relate to calendar months.

† March figures.

‡ At end of period.

§ Imports only.

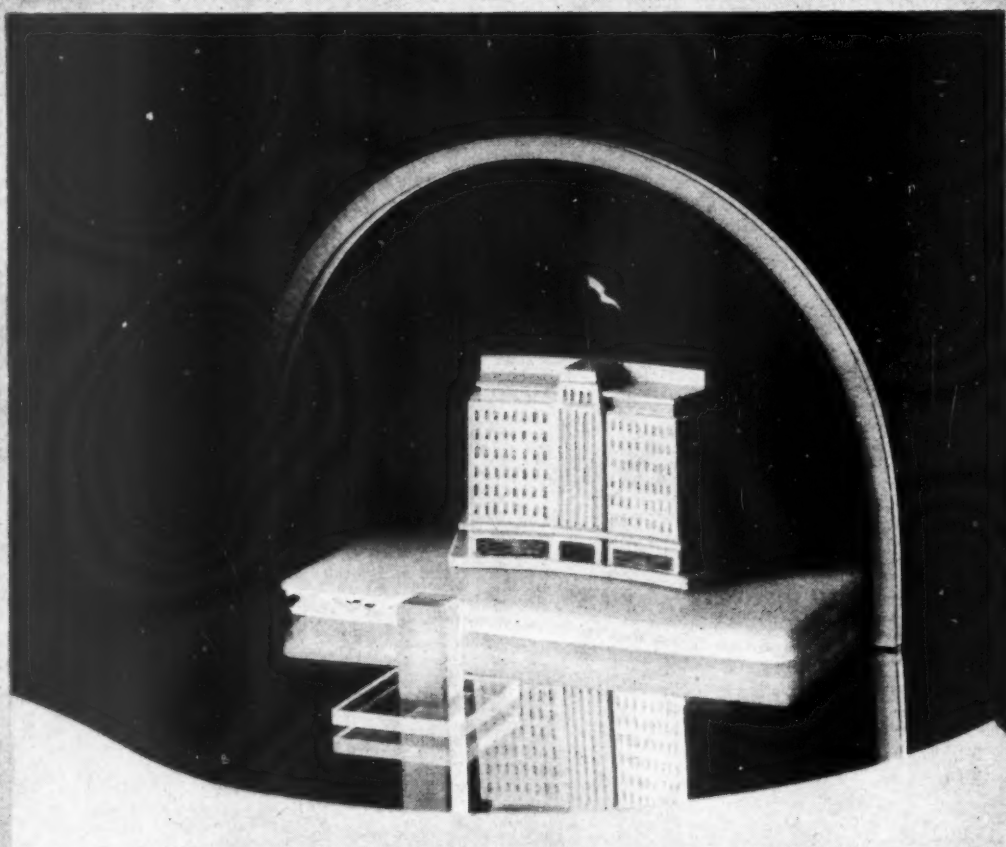
### LABOUR

TABLE VI BUILDING AND CIVIL ENGINEERING LABOUR IN GREAT BRITAIN: Operatives Employed, aged 16 and over

—	July, 1945	April, 1946	April, 1947
Total ..	535.0	820.0	957.0
Housing ..	343.9	500.1	537.7†
Permanent (Construction, and preparation of sites)	17.4	106.6	229.2
Temporary ..	14.5	37.5	15.8
Other (repairs, etc.) ..	312.0	356.0	292.7
Other Work ..	191.1	319.9	419.3

† The Housing Return (Cmd. 7129) gives a warning that the analysis for April 1947, may be incomplete.





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*This feature covers both the production and marketing of new materials and designs of equipment, as well as the general trend of developments within the Building Industry.*

## THE INDUSTRY

[by Philip Scholberg]

### TIMBER SUPPLIES

At the beginning of this year these notes contained some figures comparing 1937 and 1946 imports of softwoods from different countries, the totals being 2,388,000 and 728,000 standards respectively. Now, in a paper read at the Housing and Town Planning Conference, Messrs. Newland Hillas and P. O. Reece, chairman and constructional research director of the TDA, add some further comments which should provide useful information for architects whose clients expect a full explanation for the shortages which prevent them having most of the things they want. The authors quite rightly point out that timber must be stocked in a very wide variety of sizes and qualities if all demands are to be met, and that this variety makes a considerable quantity of stock essential. In this country stocks are normally built up to a peak in December and then drawn upon until the ice-bound ports allow further supplies to reach us in May. During the war years a national stock of something like half a million standards was maintained, partly as a form of security, but also to make sure that distribution was reasonably good. By the end of 1946, however, stocks had fallen to something less than a quarter of a million standards, with the result that a builder needing four by two may be offered either railway sleepers or barrel staves, so that a make-do policy has become even more important.

Hardwoods are a rather different story. Nearly half our pre-war imports of about 45 million cubic feet came from the USA, and they will not be exporting any great quantity until their permanent domestic requirements have been determined. In 1946, thanks to home-grown material, our consumption was 60 million cubic feet, although imports had dropped to about one-third of the pre-war level. But home-grown production cannot continue at this rate. Of the alternatives, Australian exports remain small, Japan and the Philippines are for the moment out, Burma and Borneo are recovering slowly and some small exports may be expected towards the end of the year, South American resources are enormous but undeveloped, and there remains West Africa. Here Timber Control has succeeded in raising supplies to three times the pre-war figure, with the hope of more to come, but there are transport difficulties and some limitations on annual felling. The only hardwood furniture made for sale in this country is, of course, utility, and there are so many other demands on the hardwood supply for railways and shipbuilding that there seems unlikely to be any extra for purpose-made furniture or fittings.

Plywood imports in 1946 were about 70 per cent. of pre-war, and home production made up a substantial part of the difference, but there are so many new demands for this material that the figures do not mean very much, though the table below shows how our sources of supply have changed.

Imports from	Cubic feet	
	1938	1946
Canada ... ..	366,000	2,998,000
USA ... ..	278,000	2,204,000
Finland ... ..	4,820,000	1,951,000
Other countries ...	5,398,000	619,000
	10,862,000	7,772,000

It is estimated that housing could easily account for five million cubic feet a year, but it seems probable that the peak pre-war figure of 16 million feet may still be insufficient when we add in all the other uses like shopfitting, packaging, radio and prams.

In spite of this rather gloomy picture it seems probable that the first half of this year will be rock bottom, and that supplies should improve from then onwards. Canada and USA are both to step up last year's imports, Finland has entered into a contract for a considerably greater amount, and there are hopes of better supplies from Russia, Austria and one or two other countries. There are too many other industries after the hardwoods and plywood, but softwood for house construction should certainly improve.

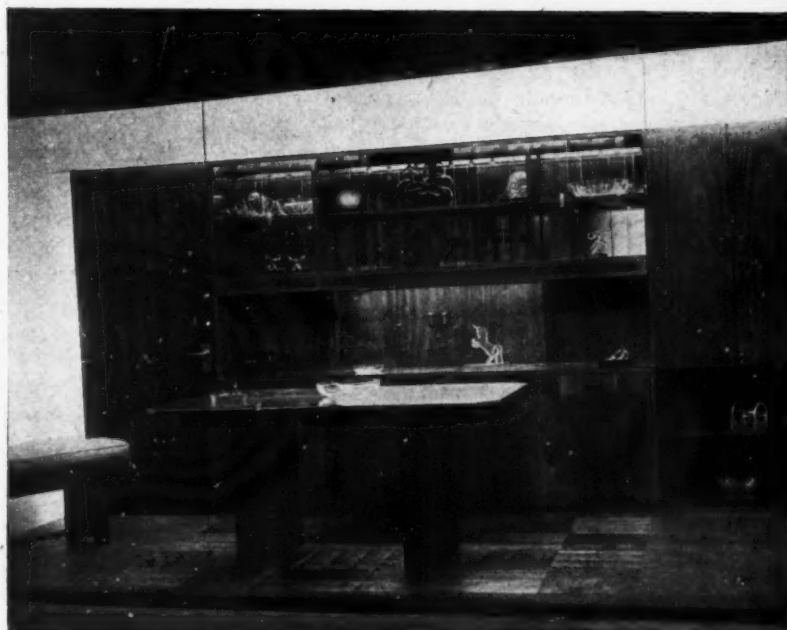
### DEVELOPMENTS IN PLASTICS

Holoplast, a material developed during the war for use in fireproof bulkheads, was referred to in this Journal's Information Centre about eighteen months ago. Since that time there have been a number of further developments. The material is formed from resin impregnated kraft paper by means of heat and pressure, and flat sheets are made as well as the better known girder structure which is built up from sheet with stiffening girders at about 2 in. centres. The photograph on this page is of the Holoplast stand at the Plastics exhibition, and shows the material used for furniture and flooring. A hardwood veneer can be applied to the panels during manufacture; a much more

realistic finish than the photographed veneer patterns which the plastics industry used to affect. The material is also made in floor panels, either veneered or with various non-skid and chequer plate finishes. Constructionally there are no special problems; Holoplast can be dealt with in the normal way by ordinary metal working tools, and surface fittings can be securely fixed with self-tapping screws. (Holoplast, Ltd., New Hythe, Maidstone, Kent; sales through various firms in different parts of the country.)

### CANTEEN PLANNING

The Industrial Welfare Society has just published a revised edition of *Canteens in Industry*, a useful and informative booklet which contains plenty of data. S.R. & O. (Canteen Order) 573 of 1943 sets out the factories and other industrial undertakings which are compelled to provide a canteen, and the number is quite considerable, particularly among the smaller firms. Planning information about restaurants is not of very great use when it comes to canteens, for the serving methods must be entirely different to cope with a hectic rush at a series of peaks, and the usual data on table spacings and floor areas are not to be trusted either, since the planning is very much tighter and tables to seat 16 or more are well off the scale for restaurants. In less than 100 pages this booklet provides information about kitchen areas and equipment in terms of meals served, food storage and refrigerator space, table spacings and floor areas, staff required, dimensions of kitchen preparation tables, with further notes on lighting, floor finishes and furniture. There are two other chapters on accounts, the law and one or two other subjects not the immediate concern of the architect, but they are worth reading if only because the Canteen Committee will probably ask a lot of questions which are not the architect's real business, and he may as well know what they are talking about. This is a useful publication from which the essential bibliography has not been omitted, and which also has a list of further sources of information. Price is 4s. 6d. (The Industrial Welfare Society, Inc., 14, Hobart Place, London, S.W.1.)



*Holoplast stand at the Plastics Exhibition. Almost everything visible including the floor is made of Holoplast, which constructionally presents no special problems.*

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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## Announcements Buildings Illustrated

Messrs. John Laing and Son, Ltd., building and engineering contractors, have established a branch in South Africa.

Messrs. Fairhurst and Poppleton, A.R.I.B.A., Architects and Surveyors, 7, Regent Street, Barnsley, Yorks, would be glad to receive trade literature, information sheets, etc.

The Minister of Works has released Mr. F. W. Smith from his post of Director General of Building Materials to join the Central Economic Planning Staff. Mr. Eric A. Seal, C.B., who is Vice President of the Economic Sub-Commission of the Control Commission for Germany (British Element), will replace Mr. F. W. Smith as Director General of Building Materials.

Mr. W. Wesley Turney, L.R.I.B.A., is now practising from 30, Wood Street, Barnet, Herts (telephone: Barnet 7056), and would be glad to receive trade literature, catalogues, etc.

At the RIBA Examination for the Office of Building Surveyor under local authorities held on May 7, 8 and 9, five candidates presented themselves and the following were successful:—Sydney E. Cross, Rhyl, Flintshire; Thomas Idris, Gloucester; Frederick J. Watts, Cranbrook, Kent.

Messrs. Sharp Bros. and Knight Ltd., Joinery Manufacturers, Burton-on-Trent, announce that their London Office, previously at Earls Court Road, S.W.5, has been moved to Lion House, Red Lion Street, Richmond, Surrey. Telephone: Richmond 0165 and 0166. The firm wish to notify their old and new customers in London and district, that all orders and inquiries will receive attention at the above office, and a technical representative is available to call upon them, at their convenience.

House at Chorley Wood, Herts. (Pages 547-549). Architect: Cecil C. Handisyde, A.R.I.B.A., A.A., D.I.P. Quantity surveyors, Cameron and Middleton. General contractor, Gullett and Sons, Ltd., Chorley Wood. Sub-contractors: electrical installation, G. Adey; gas installation, Watford and St. Albans Gas Co.; water heater and gas fires, Radia-ion Ltd.; open fire, All Night Burning, Eagle Range Grate Co.; open fire surround, Bratt Colbran, Ltd.; sanitary fittings, Shanks and Co.; ironmongery, Nettlefold; felt roofing, Ruberoid Co., Ltd.

## Correction

In our issue for May 29 the title of the Production Building for Allen and Hanbury, Ltd., should have read Allen and Hanburys, Ltd. It should also have been stated (page 466) that the sub-contractors for the kitchen and canteen furniture with Waverite tops were Bernard Noakes and Co. (not Neakes) and that the detail of the porch post, page 454, was reproduced to a scale of  $1\frac{1}{2}" = 1' 0"$  (not  $\frac{1}{2}" = 1' 0"$ ). Mr. Harald Weinrich, Dip-Arch, EPF., M.INST.R.A., was chief assistant architect to Messrs. Halfhide and Partners, F.R.I.B.A., the architects for the building. The name of Lenscrete Ltd. was omitted from the list of sub-contractors. This firm was responsible for the glass masonry.

## Mirage on his mind

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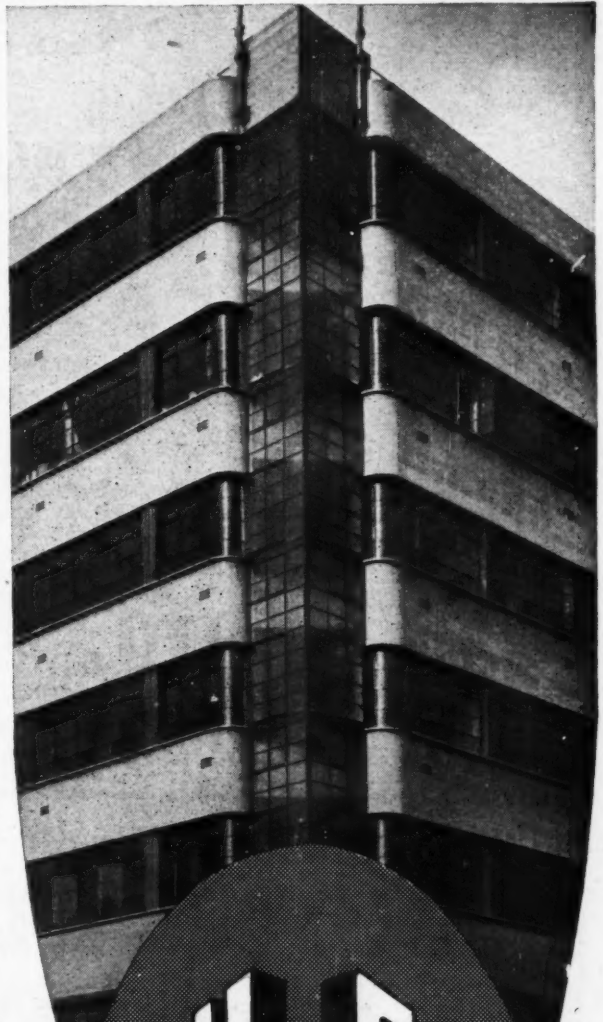
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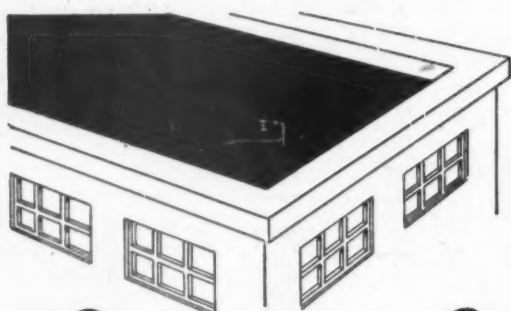
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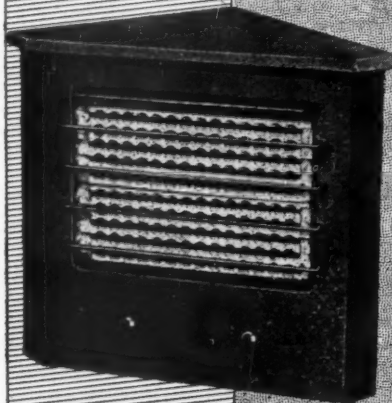
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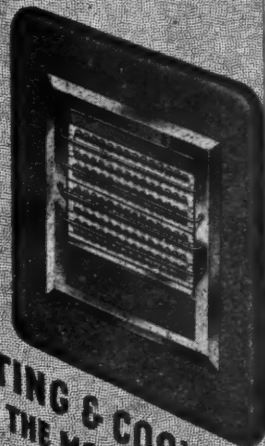
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W.W. 27

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<b>THERMACOUST</b>	The Cementation Co., Ltd., Thermacoust Dept., 39, Victoria Street, S.W.1. Telephone: Abbey 5726.
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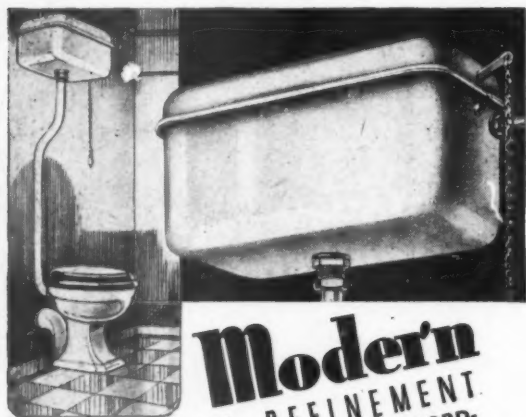
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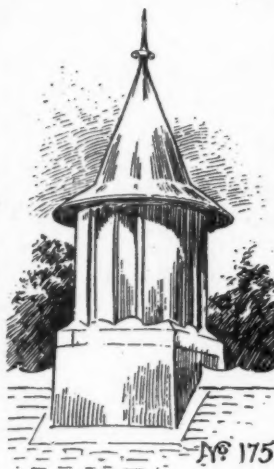
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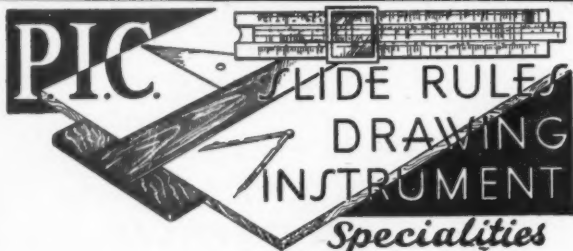
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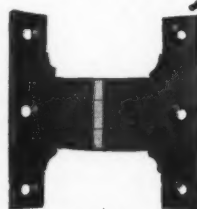


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President, 1946/47

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Incorporated as a professional Centre to uphold and improve the status of Surveyors and Quantity Surveyors engaged in the Building and Allied Trades. To regulate, maintain and extend the customs and usages of the profession. To maintain and improve the high standard of professional etiquette, and to promote among its members a sense of professional solidarity. To provide for its members principles of professional procedure, a Scale of Professional Charges, and to subscribe to the Rules of Professional Conduct. To hold examinations qualifying for membership of the Faculty. To publish a monthly Journal to the general interest of the profession, and for the mutual co-operation, assistance and protection of practitioners

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### Membership

The Executive Council are open to receive applications for membership on practice qualifications from Surveyors engaged in the profession. Examinations are held Bi-Annually for entrance to the Quantity Surveyors section.

Further particulars and application forms may be obtained on application to THE SECRETARY, (d).

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## CLASSIFIED ADVERTISEMENTS

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

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

## Public and Official Announcements

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THE INCORPORATED ASSOCIATION OF ARCHITECTS AND SURVEYORS maintains a register of qualified architects and surveyors (including assistants) requiring posts, and invites applications from public authorities and private practitioners having staff vacancies. ADDRESS: 75, EATON PLACE, LONDON, S.W.1. TEL. SLOANE 5615. 591

## CORPORATION OF LONDON.

## CITY SURVEYOR'S OFFICE.

## APPOINTMENT OF TECHNICAL STAFF.

Applications are invited for the following appointments, in the City Surveyor's Office:—  
**ASSISTANT ARCHITECTS AND SURVEYORS.** Salary up to £475 p.a. (inclusive of consolidated bonus), according to age, qualification and experience.

Applicants 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 Institution of Chartered Surveyors (Building Sub-Division).

The appointments are 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 purposes of superannuation. Such appointments 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, 55-61, Moorgate, E.C.4, giving the following particulars:—Service with Armed Forces, age, qualifications or intentions in connection therewith, previous training, positions and experience, date when available to commence duties if selected, together with copies of two testimonials. 518

## GLOUCESTERSHIRE COUNTY COUNCIL.

## COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments:—

## (a) ASSISTANT ARCHITECTS.

Candidates should be qualified members of the R.I.B.A., with good general experience in design and construction of public buildings, including schools.

A.P. & T. Grade V, and eligible for promotion to A.P. & T. Grade VI, plus cost-of-living bonus.

## (b) ARCHITECTURAL ASSISTANTS.

Candidates should have passed the Intermediate Examination of the R.I.B.A., with general experience in design and construction.

A.P. & T. Grade IV, plus cost-of-living bonus.

## (c) JUNIOR ARCHITECTURAL ASSISTANTS.

Salary in accordance with experience, A.P. & T. Grades I-III, plus cost-of-living bonus.

Appointments will be subject to the Local Government Superannuation Act, 1937, and candidates, before appointment, will be required to pass a medical examination.

The appointments will be terminable by one month's notice on either side.

Applications, stating (1) name and address, (2) married or single, (3) age, (4) qualifications, (5) present position, salary and date appointed, (6) previous position with dates and salaries, (7) particulars of experience, and accompanied by copies of three recent testimonials, should be sent to S. B. Urwin, F.R.I.B.A., County Architect, Shire Hall, Gloucester, not later than the 12th July, 1947.

GUY H. DAVIS.

Clerk of the County Council.

Shire Hall, Gloucester. 650

## ISLE OF ELY COUNTY COUNCIL.

Applications are invited from suitably qualified persons for the following appointments in the County Architect's Department:—

## (i) QUANTITY SURVEYOR, Grade V. Salary

£460 × £10—£510 per annum.

## (ii) ASSISTANT QUANTITY SURVEYOR,

Grade III. Salary £390 × £15—£435.

The National Conditions of Service (including cost-of-living bonus) will apply, and the appointments will be subject to the Local Government Officers' Superannuation Act, 1937, the passing of a medical examination, and to one month's notice on either side.

Applications, accompanied by full particulars, and three recent testimonials, must reach the County Architect, County Hall, March, not later than the 11th July, 1947. Canvassing, directly or indirectly, will disqualify.

R. F. G. THURLOW,

Clerk of the County Council.

County Hall, March.

7th June, 1947. 634

## CITY OF PORTSMOUTH EDUCATION

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Applications to: The Registrar, College of Art, Guildhall Square, Portsmouth.

E. G. BARNARD, M.A.

Chief Education Officer.

651

## MIDDLESBROUGH EDUCATION COMMITTEE.

## APPOINTMENT OF ASSISTANT ARCHITECTS.

Applications are invited for the following appointments on the established staff of the Architect's Section of the Education Offices:—

(a) Two Assistant Architects, Grade IV (£420-£465).

(b) One Assistant Architect, Grade I to II (£330-£405).

A cost-of-living bonus, at present £50 per annum, will be payable in addition to the basic salary in each case, and the appointments will be subject to the provisions of the Local Government Superannuation Act, 1937.

The selected candidates will work under the immediate direction of the Architect to the Education Committee, Mr. T. Noel Mitchell, B.Arch. (Liverpool), A.R.I.B.A.

Applicants for appointments (a) must have had experience in the design and construction of modern buildings, including schools, and should have reached the standard of the Final Examination of the R.I.B.A. A University degree or diploma in Architecture, and ability to carry out perspective-drawing, will be an advantage.

Applicants for appointment (b) must have had a good general experience, and should have reached the standard of the Intermediate Examination of the R.I.B.A.

Applications, stating appointment applied for, giving age, education, professional training and qualifications, experience, previous appointments, present appointment and salary, and service in the Forces (if any), together with copies of two recent testimonials, and the names of two persons to whom reference can be made, should be delivered to the Director of Education, Education Offices, Woodlands Road, Middlesbrough, not later than the first post on Friday, 4th July, 1947.

Canvassing, directly or indirectly, will disqualify.

B. C. PARR,

Town Clerk

Town Clerk's Office, Middlesbrough.

May, 1947. 643

## LONDON COUNTY COUNCIL.

## COUNTY OF LONDON PLAN—VACANCIES

## FOR PLANNING STAFF.

Applications are invited for positions in the following grades:—

## PLANNING OFFICER, Grade III, up to £700

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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) 635

## OXFORDSHIRE COUNTY COUNCIL.

## COUNTY PLANNING DEPARTMENT.

## APPOINTMENT OF JUNIOR ASSISTANT.

Applications are invited for the appointment of a Junior Assistant in the County Planning Department of the County Council. The salary will be according to Grade I of the Administrative, Professional and Technical Division of the National Joint Council's Scale of Salaries, £330 per annum, rising by three annual increments to £375 per annum, plus bonus.

Applicants should be neat and expeditious draughtsmen. Preference will be given to those having previous experience in a planning office and who have knowledge of surveying and leveling.

The post will be superannuable, and the successful candidate will be required to pass a medical examination.

Applications, stating age, qualifications and details of experience, accompanied by copies of three recent testimonials, should be forwarded to the County Planning Officer, County Hall, Oxford, not later than the first post on the 1st July, 1947.

F. G. SCOTT,

Clerk of the Council.

County Hall, Oxford.

9th June, 1947. 657

## NORTHERN POLYTECHNIC, HOLLOWAY

ROAD, LONDON, N.7.

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

## FULL-TIME STAFF.

## STUDIO MASTERS IN ARCHITECTURAL

## DESIGN.

## LECTURERS ON QUANTITY SURVEYING

## AND ASSOCIATED SUBJECTS.

## LECTURERS ON BUILDING CONSTRUCTION

## AND MATERIALS.

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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).

## VISITING STAFF.

## STUDIO MASTERS IN ARCHITECTURAL

## DESIGN IN DAY AND EVENING SCHOOLS.

## EVENING LECTURERS ON BUILDING CONSTRUCTION, BUILDING REGULATIONS,

## AND LAND SURVEYING.

Vacancies will occur for Lecturers in Elementary and Advanced Classes, and for those who desire to gain experience in teaching while acting as Assistant Lecturers.

Applications should be made in writing, giving brief particulars of training and experience, and stating the appointment for which application is made.

R. H. CURRÉLL,

Clerk.

686

## SKIPTON URBAN DISTRICT COUNCIL.

## ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment, at a salary in accordance with Grade III of the National Scales (£390-£435), plus bonus, at present £59 16s.

Although the appointment is not within the permanent establishment, it is anticipated that its duration will not be less than two years.

Applications, on a form to be obtained from the undersigned, and giving the names and addresses of three persons to whom reference can be made, should be sent, in an envelope endorsed "Architectural Assistant," to the Engineer and Surveyor, Town Hall, Skipton, not later than first post on Monday, 30th June.

K. B. ROBINSON, R.Sc.(Eng.).

A.M.I.Inst.C.E.

Engineer and Surveyor.

Town Hall, Skipton.

7th June, 1947. 623

## PEMBROKESHIRE COUNTY COUNCIL.

## COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments on the permanent staff:—

## (a) Two SENIOR ASSISTANT ARCHITECTS,

Grade VII (A.P. and T.). Salary £575-£660 per annum, plus cost-of-living bonus, now £59 16s. p.a.

(b) SENIOR ASSISTANT ARCHITECT, Grade VI (A.P. and T.). Salary £535-£600 per annum, plus cost-of-living bonus, now £59 16s. p.a.

(c) ARCHITECTURAL ASSISTANT, Grade V (A.P. and T.). Salary £460-£510 per annum, plus cost-of-living bonus, now £59 16s. p.a.

(d) ARCHITECTURAL ASSISTANT, Grade III (A.P. and T.). Salary £390-£435 per annum, plus cost-of-living bonus, now £59 16s. p.a.

Candidates must be qualified members of the R.I.B.A., with specialized knowledge and experience in contemporary architectural and/or structural design.

(e) CHIEF QUANTITY SURVEYOR, Grade VII (A.P. and T.). Salary £575-£660 per annum, plus bonus as above.

(f) SENIOR ASSISTANT QUANTITY SURVEYOR, Grade VI (A.P. and T.). Salary £535-£600, plus bonus as above.

Preference will be given to Professional Associates of the Surveyor's Institution (Quantity Surveyors' Division).

(g) CLERK OF WORKS. Salary scale—Miscellaneous Division (Grade II), £315-£360 per annum, plus cost-of-living bonus, now £59 16s. p.a. Applicants should have sound knowledge of all building trades, with experience in the upkeep and repair of buildings, and supervision of building works.

All the above appointments will be superannuable and subject to satisfactory medical examination. Canvassing will be a disqualification. Further particulars of these appointments and forms of application may be obtained from Walter Barrett, M.B.E., A.R.I.B.A., County Architect, County Offices, Haverfordwest, and should be completed and returned to him not later than Monday, 7th July, 1947.

W. E. BUFTON,

Clerk of the County Council.

County Offices, Haverfordwest.

10th June, 1947. 673



**BOROUGH OF JARROW.**

**BOROUGH ENGINEER'S DEPARTMENT.**  
Applications are invited for the appointment of **ARCHITECTURAL ASSISTANT** for Housing Work. Applicants must have an approved Architectural qualification and sound experience, particularly in housing.

The salary will be in accordance with Grade V, A.P.T. Division, £460-£510, plus cost-of-living bonus, at present £59 16s. per annum.

The Council is prepared, if the successful applicant requires it, to let him have the tenancy of one of the Council's houses.

The successful applicant will be required to pass a medical examination by the Council's Medical Officer of Health. Applications in plain envelopes, endorsed "Architectural Assistant," stating age, present and previous appointments and experience, together with the names and addresses of three persons to whom reference as to ability and character can be made, to be received by the undersigned by Saturday, the 12th July, 1947.

Canvassing, directly or indirectly, will disqualify, and applicants must state whether or not they are related to any member of, or the holder of, any senior office under the Council.

CHARLES S. PERKINS,

*Town Clerk.*

Town Hall, Jarrow.

10th June, 1947.

661

**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 Scales.

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

(b) **SENIOR QUANTITY SURVEYOR**, Grade VI, £535 per annum, rising to £600, plus bonus. The cost-of-living bonus is at present £59 16s. per annum.

Candidates should be Members of the Chartered Surveyors' Institution.

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.

Applications, accompanied by not more than three testimonials, stating age, qualifications, experience, and past and present appointments, should be sent, not later than seven days after the date of this advertisement, to the County Architect, County Offices, Lincoln. Applicants must clearly indicate the post for which their application is made.

ERIC W. SCORER,

*Clerk of the County Council.*

County Offices, Lincoln.

629

**BOROUGH OF REIGATE.**

**APPOINTMENT OF JUNIOR ARCHITECTURAL ASSISTANT.**

Applications are invited for the appointment of Junior Architectural Assistant on the staff of the Borough Engineer and Surveyor, at a salary in accordance with the General Division of the National Scale of Salaries plus the current cost-of-living bonus.

Applicants should have had previous experience in surveying and levelling and the preparation of working and detailed drawings of architectural works.

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

Forms of application may be obtained from Mr. George G. Sanderson, A.M.Inst.C.E., Borough Engineer and Surveyor, Town Hall, Reigate, on receipt of stamped addressed foolscap envelope.

Applications endorsed "Junior Architectural Assistant" and accompanied by copies of three recent testimonials must reach the Undersigned not later than 10th July, 1947.

HEBER DAVIES,

*Town Clerk.*

Town Hall, Reigate.

705

**COUNTY OF ESSEX.**

**ILFORD COMMITTEE FOR EDUCATION. APPOINTMENT OF SECTIONAL ASSISTANT ARCHITECT.**

The ESSEX COUNTY COUNCIL invite applications for the appointment of a qualified Assistant Architect to act as leader of a Section in the Office of the **BOROUGH ENGINEER OF ILFORD** to deal with work for the Committee for Education.

Applicants should be Members of the Royal Institute of British Architects and have had considerable experience in the planning, designing, construction and supervision of school buildings, and have had some administrative experience.

The commencing salary will be not less than £575 per annum nor more than £650, and in fixing the commencing salary regard will be had to the qualifications and experience of the successful applicant. There will also be paid such bonus and travelling and subsistence allowances as may from time to time be determined by the Council. The present bonus is 23s. per week.

Application forms and further details obtainable from the Borough Education Officer, Town Hall, Ilford.

B. E. LAWRENCE,

*Chief Education Officer.*

County Offices, Chelmsford.

702

**METROPOLITAN BOROUGH OF WOOLWICH.**  
Applications are invited for the following permanent appointments in the Borough Engineer and Surveyor's Department, at salaries in accordance with the Administrative, Professional, and Technical Division of the National Scales of Salaries:—

(a) **TWO ENGINEERING ASSISTANTS**, Grade V, Salary £480, rising to £530 per annum.

(b) **ONE ARCHITECTURAL ASSISTANT**, Grade VI, Salary £555, rising to £620 per annum. Cost-of-living bonus (at present £59 16s. p.a.) is payable in addition.

Applicants for (a) must have a good all-round engineering experience, and possess appropriate qualifications; (b) must have passed the final examination of the R.I.B.A. or have an equivalent qualification, and preferably have had experience in Architectural work, especially housing, undertaken by a Local Authority.

The appointments will be subject to the Council's conditions of service in force from time to time, to the provisions of the Local Government Superannuation Act, 1937, and will be terminable by one month's notice on either side. The selected candidates will be required to pass a medical examination.

Applications, giving full details of age, qualifications and experience, should be forwarded, together with copies of not more than three recent testimonials, to reach the undersigned by 5th July, 1947.

Candidates must disclose in writing if they are related to any member or senior officer of the Council.

Canvassing members of the Council, either directly or indirectly, will disqualify.

DAVID JENKINS,

*Town Clerk.*

Town Hall, Woolwich, S.E.18.

June, 1947.

632

**CUMBERLAND COUNTY COUNCIL.**

Applications are invited for the following appointments in the County Architect's Department, in accordance with the grades of the A.P. and T. Division of the National Scales of Salaries, as follows:—

(a) **ASSISTANT ARCHITECTS (TWO)**, Grade V, £460-£510.

(b) **ASSISTANT ARCHITECT (ONE)**, Grade IV, £420-£465.

(c) **JUNIOR ASSISTANT ARCHITECT (ONE)**, Grade III, £390-£435.

(d) **ARCHITECTURAL ASSISTANTS (FOUR)**, Grade II, £360-£405.

Cost-of-living bonus, at present £59 16s. per annum, is payable in addition.

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

Applicants for appointments (a), (b) and (c) must be registered Architects, and preference will be given to those applicants who are Associates of the R.I.B.A., and who have had experience in a Local Authority's Architectural Department.

Applications must be made on a form obtainable from J. H. Haughan, F.R.I.B.A., County Architect, 4, Alfred Street North, Carlisle, and should be returned completed to him, together with copies of not more than three recent testimonials, not later than the 21st July, 1947.

G. N. C. SWIFT,

*Clerk of the County Council.*

675

**BLABY RURAL DISTRICT COUNCIL.**

**ENGINEER AND SURVEYOR'S DEPARTMENT.**

The Council invites applications for the following appointments:—

(a) **ASSISTANT QUANTITY SURVEYOR** on the Special Housing Staff. Salary between £360 and £435 per annum, according to qualifications and experience, plus cost-of-living bonus £59 16s. 0d.

(b) **BUILDING ASSISTANT** on the general staff A.P.T. Division Grade I. Salary £330-£375 per annum plus cost-of-living bonus £59 16s. 0d.

Applicants for appointment (a) must have had considerable experience in "taking off" and preparing bills of quantities for housing work and in dealing with measurements of variations and settlement of final accounts.

For appointment (b) applicants must have a thorough knowledge of building construction and be capable of examining plans submitted for approval under Building Byelaws. The successful applicant for this appointment will be required to keep all records in respect of deposited plans, building licences and property repairs, including the issuing of orders and checking of accounts in connection with the maintenance of Council properties.

The appointments, which will be terminable by one month's notice on either side, are subject to the provisions of the Local Government Officers' Superannuation Act, 1937, and to the Conditions of Service of the National Joint Council.

Applications, stating age, qualifications and full details of experience, together with copies of three recent testimonials, to be delivered to the undersigned not later than Monday, 14th July, in sealed envelope endorsed (a) or (b) as the case may be. Canvassing directly or indirectly will disqualify.

J. J. DERRY,

*Clerk of the Council.*

Council Offices, Narborough,

Leicester.

16th June, 1947.

696

**GOVERNMENT OF SOUTHERN RHODESIA. DEPARTMENT OF INTERNAL AFFAIRS. TOWN PLANNING AND LOCAL GOVERNMENT SECTION.**

Applications are invited for the following appointments:—

(a) **SENIOR ASSISTANT TOWN PLANNING OFFICER**, on a salary scale of £935 per annum, increasing by annual increments of £33 to £1,100 per annum. Applicants for this appointment should have had considerable experience in the preparation of Statutory Planning Schemes and must be members, or associate members, of the Town Planning Institute. Preference will be given to candidates who hold a recognised professional qualification in civil or municipal engineering.

(b) **ASSISTANT TOWN PLANNING OFFICER**, on a salary scale of £495 per annum, increasing by annual increments of £27 10s. 0d. to £660 per annum, thence to £737 per annum, increasing by annual increments of £33 to £935 per annum, with efficiency bars at £550 and £660. Applicants for this appointment should be Associate Members of the Town Planning Institute and preference will be given to candidates holding a recognised qualification in Architecture. The commencing salary of the successful applicant may be higher than the minimum of the grade according to qualifications and experience. On salaries of £660 per annum or less a marriage allowance of £50 per annum will be paid to married officers.

Appointments will be for a probationary period of two years.

**Cost of Living Allowances.**

Cost of living allowances at rates prescribed from time to time are paid in addition to salary. At present the rate is ten per cent. of basic salary, limited to a maximum of £100 per annum, plus £24 per annum for first child and £18 per annum for each additional child.

**Income Tax.**

If proposals now before the Southern Rhodesian Parliament are accepted, the first £800 of taxable income will be free of tax in the case of married persons. There are in addition rebates of tax for children and in respect of insurance premiums and payments by the taxpayer to friendly or benefit societies. Additional particulars in this respect may be obtained from the Secretary to the High Commissioner for Southern Rhodesia.

Subject to satisfactory services, successful applicants will be eligible for appointment to the fixed establishment on the expiration of the probationary period and will be required to become members of the Pensions Fund on a contributory basis.

Applicants will be required to furnish a satisfactory medical certificate in the prescribed form by a Government Medical Officer.

The successful candidates will be subject to the Civil Service Regulations which, among other matters, allow for officials drawing £550 per annum or more to be granted vacation leave on full pay, subject to the exigencies of the service on a basis of one-eighth of the time served. (For example, 480 days' service completed, 60 days vacation leave on full pay accumulated.)

Third class rail fares from the home town in the United Kingdom to the port of embarkation will be paid for successful applicants, their wives and families.

A detention allowance of 10s. per diem in the case of single persons, and £1 per diem for married persons will be paid in respect of any period necessarily spent at the port of embarkation awaiting sailing, provided a certificate, to the effect that the period of detention was reasonable and unavoidable, signed by the High Commissioner for Southern Rhodesia, is produced.

A second class steamship passage will be paid for successful applicants and half the cost of similar passages in respect of their wives and dependent children under the age of eighteen years will be borne by the Southern Rhodesia Government.

First class rail and half the cost of similar rail fare in respect of wives and dependent children will be paid from the port of disembarkation in South Africa to Salisbury, Southern Rhodesia.

In addition, subsistence allowance at full tariff rates will be paid in respect of the successful applicants and at half rates in respect of their wives and families from the time of departure by rail from the port of disembarkation to the time of arrival in Salisbury.

Application forms may be obtained from the Office of the High Commissioner for Southern Rhodesia, 429, Strand, London, W.C.2, and must be completed before the 20th of July, 1947. 700

**COUNTY BOROUGH OF WEST HAM.**

Applications are invited for the following posts:—

1. **ARCHITECTURAL ASSISTANT (HOUSING).**

2. **TECHNICAL ASSISTANT (STATUTORY PLANNING).**

The salary for both positions is APT GRADE IV, £420 × £15 × £15-£465 (plus £20 London weighting and bonus £59 15s. 3d.) per annum.

Full particulars of duties, terms of appointment and application form (which must be used in making application) may be obtained from Thomas E. North F.R.I.B.A., Borough Architect and Planning Officer, 100, West Ham Lane, E.15. Applications to be returned not later than Saturday, 6th July, 1947.

E. E. KING,

*Town Clerk.*

Town Hall, West Ham, E.15.

701

## LONDON COUNTY COUNCIL.

## SENIOR ARCHITECTURAL VACANCIES.

Well-qualified Architects are invited to apply for the following positions:—

ARCHITECT, Grade I, £840-£840-£960.

ARCHITECT, Grade II, £700-£735-£840.

The persons appointed must be capable of initiating and developing important architectural projects related to programmes for the erection of schools and other buildings. They will also be responsible for organizing the work for and direction of subordinate staff.

Successful candidates are required to contribute to the Council's Superannuation and Provident Fund, and will be eligible for permanent appointment according to merit.

Application forms may be obtained from the Architect to the Council, County Hall, London, S.E.1 (stamped addressed envelope required), returnable within ten days.

Canvassing disqualifies. (1642) 503

## BANSTEAD URBAN DISTRICT COUNCIL.

Applications are invited for the appointment of ASSISTANT ARCHITECT, on permanent staff, Grade IV (A.P. & T. Division) National Scale of Salaries, including "London weighting," £440 p.a., rising to £485 p.a. Candidates should be Regd. Architects preferably holding A.R.I.B.A. or equivalent qualification. Experience of Local Authority housing schemes and good general experience desirable.

In addition to salary stated, war bonus, at present £59 16s. 6d. p.a. for a man, £46 12s. 6d. p.a. for a woman, will be paid.

Forms of application may be obtained from the undersigned.

Last day for receipt of applications, 7th July, 1947.

Canvassing directly or indirectly will disqualify.

F. H. WILTSHIRE,

Clerk of the Council.

The Council House, Brighton Road  
Banstead, Surrey. 694

BOROUGH OF NELSON.  
APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of SECOND ARCHITECTURAL ASSISTANT in the Borough Surveyor's Department at a salary in accordance with Grade IV of the National Scale, £420-£465, plus cost-of-living bonus, at present £59 16s. 6d. per annum.

Candidates should have had experience in housing and general work. Applications, giving detailed particulars of experience and qualifications, endorsed "Architectural Assistant," with copies of three recent testimonials, to be delivered to the undersigned on or before Wednesday, 9th July, 1947.

F. W. ROBERTS, Town Clerk.

Town Hall, Nelson, Lancashire. 697

METROPOLITAN BOROUGH OF LEWISHAM.  
APPOINTMENT OF ESTIMATING SURVEYOR.

Applications are invited for the appointment of Estimating Surveyor on the permanent establishment of the Council at a salary in the Administrative, Professional and Technical Division of the National Scale, Grade VI (£556 per annum, rising to £620 per annum) plus bonus in accordance with the recommendations of the London District Council for Local Authorities' Administrative, Professional, Technical and Clerical Services.

The commencing salary within the above Grade will be determined in accordance with the qualifications and experience of the candidate appointed.

The appointment will be subject to (i) the provisions of the Local Government Superannuation Act, 1937; (ii) the National Scheme of Conditions of Service; (iii) the satisfactory passing of a medical examination by the successful applicant, and (iv) termination by one month's notice on either side.

Candidates must be capable of costing, preparing estimates, and producing interim and final accounts of public works, including the construction of houses and flats.

Forms of application may be obtained from me and should be returned accompanied by copies of not more than three recent testimonials addressed to me in an envelope endorsed with the words, "Estimating Surveyor," and must be received not later than Friday, 11th July, 1947.

Canvassing either directly or indirectly will be a disqualification.

ALAN MILNER SMITH, Town Clerk.

Lewisham Town Hall, Catford, S.E.6. 683

THE UNIVERSITY OF LIVERPOOL.  
LIVERPOOL SCHOOL OF ARCHITECTURE.

Applications are invited for the post of SENIOR LECTURER IN ARCHITECTURAL CONSTRUCTION (Grade I) in the School of Architecture, at a salary scale of £850-£950-£1,050 per annum, together with Child Allowances.

Applications, accompanied if possible by drawings or photographs of work, two testimonials and the names of two referees, should be received not later than 18th August, 1947, by the undersigned, from whom particulars of the conditions of appointment may be obtained.

STANLEY DUMBELL, Registrar. 699

June, 1947.

DUNDEE COLLEGE OF ART.  
SCHOOL OF ARCHITECTURE.

The Governors of the Dundee Institute of Art and Technology invite applications for the position of LECTURER AND STUDIO INSTRUCTOR, mainly for Constructional Subjects.

Applicants should be members of the R.I.B.A. and should preferably hold a Degree or Diploma of a recognised School of Architecture, or an equivalent qualification in their special subjects.

Salary Scale: Men, £450 by £15 to £685; Women, £400 by £15 to £575. Placing will be according to qualifications and experience.

Applications should be made as soon as possible on the prescribed form, copies of which, with full particulars, may be obtained from the undersigned.

GEORGE H. THOMSON, Clerk and Treasurer.

Bell Street, Dundee. 689

## SLOUGH ESTATES, LTD., require a CHIEF SURVEYOR. A house at Slough (with garage) is included in the emoluments.

Applicant will be responsible-assisted by an adequate staff—for the development of the Company's Estates, involving factory design, land and building surveying.

Advanced knowledge of modern factory and industrial design and construction, including steel-frame and R/C construction, is essential. In addition he must have had some experience in supervising the preparation of Builders' Quantities and preparing approximate estimates of cost of building work.

A qualification in Architecture is desirable. He must also have had such experience as will enable him to direct theodolite levelling and making surveys, and to supervise the construction and maintenance of buildings, railways and sidings, roads, sewers and similar services.

Age: 35-45 years.

Duties to commence on 1st August, 1947.

Applicants should send full details of experience, qualifications and salary to Messrs. Welch & Lander, F.F.R.I.B.A., 38, Gloucester Place, Portman Square, W.1, on or before 8th July, 1947. 676

LONDON COUNTY COUNCIL.  
VISITING TEACHERS are required from time to time in the following subjects:—Building Construction; Building Science; Building Geometry; Mathematics; Land Surveying; Quantity Surveying; Valuations; Architectural Design; Draughtsmanship; Builders' Accountancy; Builders' Estimating; Structural Engineering Subjects including Structural Theory Specifications, Steelwork Design and Details, Reinforced Concrete Design and Details. Persons who hold appropriate professional qualifications and have had responsible experience of practice and wish to be considered for approval, should apply to the Principal, Brixton School of Building, Ferndale Road, S.W.4. (Stamped addressed foolscap envelope necessary.) 719

## CITY AND COUNTY OF THE CITY OF EXETER.

Applications are invited for the appointment of PRINCIPAL ASSISTANT ARCHITECT, EDUCATION SECTION, on the permanent staff of the City Architect's Department.

The salary will be in A.P.T. Grade VI, plus £50 per annum special allowance for educational bonus, and £59 16s. 6d. per annum cost of living bonus.

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 must be fully experienced in modern Educational 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 the 4th July, 1947.

C. J. NEWMAN, Town Clerk.

Exeter. 715

## THE CROWN AGENTS FOR THE COLONIES.

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

QUANTITY SURVEYOR required by the Gold Coast Government Public Works Department, for one tour of 18 to 24 months, with prospect of permanency. Commencing salary and overseas pay up to £1,060 a year (in the scale £600, rising to £1,200 a year), according to qualifications and experience. Outfit allowance, £60. Free passages.

Candidates must be proficient in taking off, abstracting and preparing bills of quantities for general building work (including reinforced concrete). 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/12810 on both letter and envelope. 682

June, 1947.

BOROUGH OF COLCHESTER.  
BOROUGH ENGINEER'S DEPARTMENT.  
ARCHITECTURAL SECTION.

Applications are invited for the appointment of:—

TEMPORARY ARCHITECTURAL ASSISTANT, salary Grade I—£230 p.a., or Grade II—£360 p.a., according to experience. Cost-of-living Bonus is payable in addition at the present rate of £59 16s. 6d. p.a.

Applicants for the appointment should have passed the Intermediate Examination R.I.B.A., or be of equivalent standard, and those who have had previous experience with Local Authorities Housing Schemes would be preferred.

Applications, endorsed with the name of the appointment, should be addressed to the undersigned, and sent in as soon as possible, and not later than Wednesday, 2nd July, 1947.

HAROLD COLLINS, A.M.Inst.C.E., Borough Engineer.

Town Hall, Colchester. 696

## CROWN AGENTS FOR THE COLONIES.

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

QUANTITY SURVEYOR required by the Iraqi State Railways for a tour of three years in the first instance. Salary I.D. 90 a month plus high cost of living allowance I.D. 24 a month (Iraqi Dinar 1 equals £1). Free passages. Provident Fund. Candidates should be Chartered Quantity Surveyors or possess similar qualifications. They must have had experience in a Quantity Surveyor's Office, be competent to undertake all operations up to the final preparation of Bills of Quantities, with experience in the measurement of Extras and Omissions and the final adjustment of Contractors' accounts. 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/17612 on both letter and envelope. 720

CUMBERLAND COUNTY COUNCIL.  
APPOINTMENT OF SENIOR PLANNING ASSISTANTS.

Applications are invited for TWO SENIOR PLANNING ASSISTANTS within A.P.T. Grade VII of the National Scale, at salaries of £575-£650, plus cost of living bonus, at present £59 16s. 6d. per annum, and Car and Subsistence Allowances in accordance with the County Council's scale.

The appointment is subject to the Local Government Superannuation Act, 1937, and the successful candidates will be required to undergo a medical examination. The appointment is terminable by one month's notice in writing on either side.

Applicants should be Members or Associate Members of the Town Planning Institute, and a qualification in Architecture or Civil Engineering will be an advantage.

Applicants must be fully conversant with the Town and Country Planning Acts and Orders made thereunder, and be thoroughly competent to carry out field work, plotting and the preparation of plans.

Applications, stating age, qualifications, experience and previous appointments held, accompanied by three recent testimonials, and endorsed "Senior Planning Assistant," should be sent to the County Planning Officer, Citadel Chambers, Carlisle, not later than Monday, 14th July, 1947.

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

The Courts, Carlisle. 711

WORCESTERSHIRE COUNTY COUNCIL.  
COUNTY PLANNING DEPARTMENT.  
APPOINTMENT OF SENIOR PLANNING ASSISTANT.

Applications are invited for the appointment on the permanent staff of the County Council of a SENIOR PLANNING ASSISTANT at a salary in accordance with Grade VI of the Administrative, Professional and Technical Division of the National Joint Council Scales of Salaries (£535-£600 a year) plus cost-of-living bonus, at present £59 16s. 6d. per annum. A travelling allowance will be paid in accordance with the County Council's scale for the time being.

Applicants should have had considerable experience in the control of new development under the Planning Acts, and in the general work of a planning authority.

Applicants must be corporate members by examination of the Town Planning Institute, and architectural or engineering qualifications will be considered an advantage.

The appointment is subject to:—

(a) The provisions of the Local Government Superannuation Act, 1937;

(b) The National Scheme of Conditions of Service for Local Government Officers;

(c) The passing of a medical examination;

(d) Three months' notice in writing on either side.

Applications endorsed "Senior Planning Assistant," setting out age, experience and qualifications, together with the names of three persons to whom reference can be made, must be delivered to the undersigned not later than the first post on Saturday, 19th July, 1947.

W. R. SCURFIELD, Clerk of the County Council.

Shirehall, Worcester. (M.143) 714

June, 1947.

June, 1947.

June, 1947.

June, 1947.

June, 1947.

June, 1947.



**SURREY COUNTY COUNCIL.**  
**COUNTY ARCHITECT'S DEPARTMENT.**  
Applications are invited for the following appointments—  
**ASSISTANT QUANTITY SURVEYOR, GRADE VI**, at a commencing salary of £536 rising by annual increments of £20/£25 to a maximum of £600 per annum.

Preference will be given to applicants who are members of the Surveyors' Institution (Quantities Sub-Division), and who have an adequate experience in the preparation of Bills of Quantities, and in measuring up and in settlement of final accounts.

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

**ARCHITECTURAL ASSISTANT, GRADE I**, at a commencing salary of £350 rising by annual increments of £15 to £375 per annum, plus London allowance of £20, together with war bonus, at present £59 16s. 0d. per annum.

Applicants should be of good general training and experience.

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 18th July, 1947.

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

**DUDLEY AUKLAND,**

*Clerk of the Council.*

County Hall, Kingston-upon-Thames. 722

**BOROUGH OF LEYTON.**  
**APPOINTMENT OF TEMPORARY ARCHITECTURAL ASSISTANT.**

Applications are invited for the appointment of a **TEMPORARY GENERAL ARCHITECTURAL ASSISTANT** in the Department of the Borough Engineer and Surveyor, at a salary in accordance with Grade V of the National Conditions of Service (£460 per annum, rising by two annual increments of £15 and one of £20, to £510 per annum) plus £20 London Weighting, and cost of living bonus, which is at the present time £59 16s. 0d. per annum.

Candidates should possess recognised architectural qualifications (preferably A.R.I.B.A.) and have had good Municipal experience.

The appointment will be subject to the Scheme of Conditions of Service of the National Joint Council for Local Authorities, Administrative, Professional, Technical and Clerical Services; to the provisions of the Local Government Superannuation Act, 1937, and to the successful candidate satisfying the Council's Medical Officer of Health as to his medical fitness. The appointment will also be subject to the Council's Conditions of Service which include membership of a Trade Union.

Applications, stating age, details of qualifications and experience, together with copies of three recent testimonials, should be delivered to the Borough Engineer and Surveyor not later than the 19th July, 1947.

Canvassing, directly or indirectly, will disqualify, and candidates must disclose in their application whether they are related to any member or senior officer of the Council.

**D. J. OSBORNE,**

*Town Clerk.*

Town Hall, Leyton, E.10.  
June, 1947. 728

**COUNTY OF ESSEX.**  
**WALTHAMSTOW COMMITTEE FOR EDUCATION.**  
**ARCHITECTURAL STAFF.**

The Essex County Council invite applications for the appointment of one **CHIEF ASSISTANT ARCHITECT** and two **SENIOR ASSISTANT ARCHITECTS**.

Applicants should be Members of the Royal Institute of British Architects and have had considerable experience in the planning, designing, construction and supervision of school buildings, and have had some administrative experience.

The salary scales will be: Chief Assistant Architect, £575 x £25 = £600 per annum, and the Senior Assistant Architect, £460 x £15 = £510 per annum. There will also be paid such bonus and travelling and subsistence allowances as may from time to time be determined by the Council. The present bonus is 23s. per week.

Application forms and further details obtainable from the Borough Education Officer, Town Hall, Walthamstow.

**B. E. LAWRENCE,**

*Chief Education Officer.*

County Offices, Chelmsford. 729

**MERIONETH JOINT PLANNING COMMITTEE.**

**APPOINTMENT OF PLANNING ASSISTANT.**

Applications are invited for the appointment of a **PLANNING ASSISTANT** in the County Planning Officer's Department. The appointment will be in A.P.T. Grade I (£330 x £15 = £375) or Grade II (£360 x £15 = £405) of the National Joint Council's Scale plus cost of living bonus at present £59 16s. 0d. per annum in each case. The Grade will be determined according to qualifications. Travelling and subsistence allowances will be paid in accordance with the Merioneth County Council Scale and it is very desirable that the successful applicant should possess his own car.

Applicants should be fully conversant with the Town and Country Planning Acts and Orders and be thoroughly competent to carry out all work relating to the control of interim develop-

ment and the preparation of planning schemes. Architectural experience will be deemed an advantage.

The appointment will be terminable by one month's notice in writing on either side and will be subject to the Local Government Superannuation Act, 1937, and the Sick Pay Scheme and other Rules and Regulations of the Merioneth County Council. The successful candidate will be required to pass a medical examination.

Applications, stating age, qualifications and experience, accompanied by copies of two recent testimonials, should be received by the undersigned not later than Saturday, the 12th day of July, 1947.

**HUGH J. OWEN,**

*Clerk to the Merioneth*

*Joint Planning Committee.*

County Offices, Dolgellay.  
18th June, 1947. 731

**COUNTY BOROUGH OF BURNLEY.**  
**BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.**

Applications are invited for the following appointments—

(1) **CHIEF PLANNING ASSISTANT—GRADE VII—£575—£650** per annum plus bonus, at present £59 16s. 0d. per annum. 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 in addition should have passed the final examination of one of the following Institutions—Institution of Municipal Engineers, Royal Institution of Chartered Surveyors, Royal Institution of British Architects. Administrative experience will be an advantage.

(2) **SENIOR PLANNING ASSISTANT—GRADE V—£460—£510** per annum, plus bonus, at present £59 16s. 0d. per annum, and

(3) **PLANNING ASSISTANT—GRADE IV—£420—£465** per annum, plus bonus, at present £59 16s. 0d. per annum. Candidates for appointments (2) and (3) should be Associate Members of the Town Planning Institute, and the holding of any other qualification in addition will be an advantage. Experience in a similar capacity in a Planning Office is essential.

(4) **PLANNING ASSISTANT—GRADE II—£360—£405** per annum, plus bonus, at present £59 16s. 0d. per annum. 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.

(5) **SENIOR ARCHITECTURAL ASSISTANT—GRADE V—£460—£510** per annum, plus bonus, at present £59 16s. 0d. per annum. 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. The commencing salary for this appointment will be fixed in accordance with experience and qualifications.

(6) **ENGINEERING ASSISTANT—GRADE IV—£420—£465** per annum plus bonus, at present £59 16s. 0d. per annum. Applicants must be Associate Members of the Institution of Civil Engineers, or hold the Testamur of the Institution of Municipal Engineers and must have had considerable experience in all types of sewerage works.

Conditions of appointment are those formu-

lated by the National Joint Council, and all appointments are subject to the provisions of the Local Government Superannuation Act, 1937. The successful candidates 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 9 a.m. on Monday, the 14th July, 1947.

**C. V. THORNLEY,**

*Town Clerk.*

Town Hall, Burnley.

710

**BERKSHIRE COUNTY COUNCIL.**

**ENGINEERING ASSISTANT.**

Applications are invited for the appointment in the County Architect's Department of an **ENGINEERING ASSISTANT** at a salary of £460 per annum rising by two annual increments of £15 and one of £20 to a maximum of £510 per annum (A.P.T. Grade V) plus bonus. The cost-of-living bonus is at present £59 16s. 0d. per annum.

Candidates for the appointment should be members of the Institution of Heating and Ventilating Engineers and should have had wide experience in design and supervision of heating, hot water supply, electrical and general mechanical installations.

The appointment will be subject to the Local Government Superannuation Act, to one month's notice on either side, to the successful candidate passing a medical examination, and to the Council's General Conditions of Service for Administrative, Professional, Technical and Clerical Staff for the time being in force.

Other factors being equal, preference will be given to registered disabled persons.

Application forms can be obtained on receipt of a stamped addressed envelope from the County Architect, 35, Bath Road, Reading, to whom they should be returned completed, together with copies of three recent testimonials on or before Saturday, 12th July, 1947.

**H. J. C. NEGBARD,**

*Clerk of the Council.*

Shire Hall, Reading.

721

**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 564.

**ARCHITECTURAL ASSISTANTS** required by London Architects, with large general practice; excellent prospects. Write, stating experience and salary required. Box 967.

**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

**INTERNATIONAL Correspondence Schools** require for immediate full-time employment **JUNIOR ARCHITECTURAL ASSISTANTS** (either sex) qualified by R.I.B.A. examinations. Write or 'phone (Hol. 3971), stating age, experience, and salary required. To Director of Instruction, International Correspondence Schools, 71, Kingsway, W.C.2. 583

**ASSISTANT ARCHITECTS** required for varied Industrial and Local Authority Housing Work; school training preferred, but not essential; salaries according to qualifications and experience. Apply with full details to Anthony Steel & Owen, A./A.R.I.B.A., Cogan Chambers, Bow-alley Lane, Kingston-upon-Hull. 620

**JUNIOR ARCHITECTURAL ASSISTANT** (Inter. Standard) required for N.E. London Engineers. Box 624.

**ARCHITECT'S ASSISTANT, Intermediate Standard**, required immediately in rapidly developing Architectural Department. State training, qualifications, experience, and salary required. To Marcus Leaver & Co., 46, Brook Street, London, W.1. 646

**REQUIRED**, in large City Architects' office, **ONE SENIOR ASSISTANT** and **TWO INTERMEDIATE ASSISTANTS**, experienced in large industrial and commercial buildings; the positions offer good prospects to suitable applicants. Apply Ley, Colbeck & Partners, Palmerton House, 51, Bishopsgate, London, E.C.2. Telephone No.: London Wall 2917. 640

**SENIOR ASSISTANTS** required, with experience of industrial and commercial buildings; state full particulars; salary by arrangement. Cruickshank & Seward, F.R.I.B.A., 16, Princess Street, Manchester, 1. 554

**EXCEPTIONALLY** good opening and prospects for qualified Quantity Surveyor. Apply, stating qualifications, experience and salary required. Box 674.

**ASSISTANT** with good knowledge of design and neat draughtsman, required in busy Architect's Office. Please write, stating age, whether married, and details of experience and salary required. A. J. & L. R. Stedman, F./A.R.I.B.A., South Street, Farnham, Surrey. 691

**ARCHITECT** requires JUNIOR ASSISTANT; West Central district; state age, experience and salary required. Box 591.

**ARCHITECT'S ASSISTANT** required. Good draughtsman, working drawings and details. Sound practical knowledge of construction. Apply in writing, stating previous experience and salary required, Pile, Son & Fairweather, 6, Queen Anne's Gate, S.W.1. 704

**ARCHITECT'S SENIOR ASSISTANT** required for office in Yarmouth. Must be thoroughly conversant with War Damage procedure and have sound knowledge of building construction and specification. Reply, stating age and salary required. Box 590.

**ARCHITECTURAL ASSISTANTS** required by London Architects. R.I.B.A. Inter Standard. Good progressive position for right men. Salary according to qualifications at present day standards. Apply, stating experience and salary required, to J. Stanley Beard, Bennett & Partners, 101/3, Baker Street, London, W.1. (Welbeck 2858.) 687

**LONDON Architects** require SENIOR ARCHITECTURAL ASSISTANTS for work on essential industrial and commercial buildings. Good position for right men. Salaries at present day standards. Apply, stating experience and salary required, to J. Stanley Beard, Bennett & Partners, 101/3, Baker Street, W.1. (Welbeck 2858.) 688

**ARCHITECTURAL DRAUGHTSMAN** required with good knowledge of construction. Work entails the planning of new buildings and reconstruction of old ones. Salary offered, including War Bonus, is £450 per annum. Application, giving age and full details of qualifications and experience, should be addressed to Personnel Officer, Birmingham Co-operative Society, Ltd., High Street, Birmingham. 685

**EXPERIENCED ARCHITECTURAL DRAUGHTSMAN** required. Must have thorough knowledge of building construction and be capable of preparing detailed working drawings and specifications from sketch designs for large commercial and industrial buildings. Knowledge of estimating and preparing of bills of quantities an advantage. Write, stating age, qualifications, and full details of experience. Salary according to experience. Box 684.

**JUNIOR SURVEYOR** of good education required to prepare War Damage Repair Specifications and to supervise building maintenance work in the London area. Knowledge of draughtsmanship, building materials and office routine desirable. Send particulars of age, experience, salary required, to Box 686.

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**ARCHITECTURAL ASSISTANT** required. Must be capable designer and good draughtsman. Good position and interesting work for the right person. Write, Johnson & Crabtree, F.F.R.I.B.A., stating qualifications and experience. 717

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**JUNIOR ARCHITECTURAL ASSISTANT** required for busy South Coast practice. R.I.B.A. Intermediate standard and good general education necessary and preferably some experience of general post-war architectural practice. Full particulars to Box 723.

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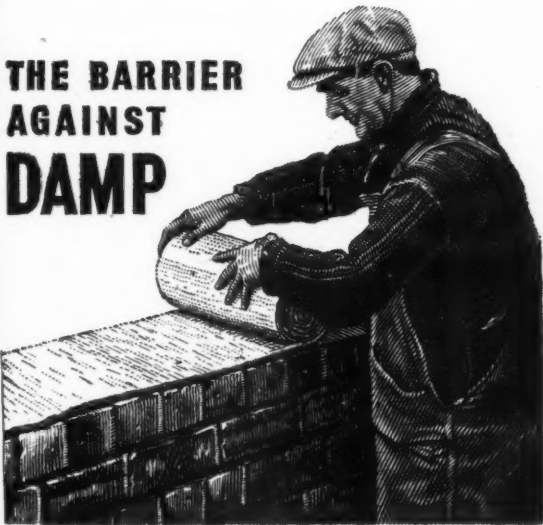
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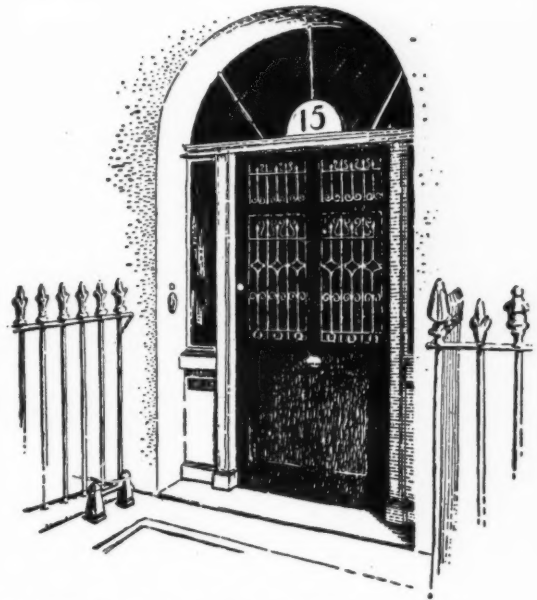
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