

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

AA	Architectural Association, 34/6, Bedford Square, W.C.1.	Museum 0974
AAI	Association of Art Institutions. Secy.: W. Marlborough Whitehead, "Dyneley," Castle Hill Avenue, Berkhamstead, Herts.	
ABS	Architects' Benevolent Society, 66, Portland Place, W.1.	Welbeck 5721
ABT	Association of Building Technicians, 5, Ashley Place, S.W.1.	Victoria 0447-8
ACGB	Arts Council of Great Britain, 9, Belgrave Square, S.W.1.	Sloane 0421
ADA	Aluminium Development Association, 33, Grosvenor Street, W.1.	Mayfair 7501/8
APRR	Association for Planning and Regional Reconstruction, 34, Gordon Square, W.C.1.	Euston 2158-9
ArchSA	Architectural Students' Association, School of Architecture, Manchester Municipal School of Art, All Saints, Manchester, 14	Ardwick 3480
ARCUK	Architects' Registration Council, 68, Portland Place, W.1.	Welbeck 9738
ASB	Architectural Science Board of the Royal Institute of British Architects, 66, Portland Place, W.1.	Welbeck 5721
AScW	Association of Scientific Workers, 15, Half Moon Street, Piccadilly, W.1.	Grosvenor 4761
BAE	Board of Architectural Education, 66, Portland Place, W.1.	Welbeck 5721
BATC	Building Apprenticeship and Training Council, Lambeth Bridge House, S.E.1.	Reliance 7611, Ext. 1706
BC	Building Centre, 9, Conduit Street, W.1.	Mayfair 8641/6
BCC	British Colour Council, 28, Sackville Street, W.1.	Regent 3613
BCCF	British Cast Concrete Federation, 17, Amherst Road, Ealing, W.13.	Perivale 6869
BCIRA	British Cast Iron Research Association, Alvechurch, Birmingham.	Redditch 716
BDA	British Door Association, 25, Victoria Street, S.W.1.	Abbey 5422-3
BEDA	British Electrical Development Association, 2, Savoy Hill, W.C.2.	Temple Bar 9434
BGCJ	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, 41, 42, Dover Street, W.1.	Regent 3074
CIAM	Congrès Internationaux d'Architecture Moderne, Dolderal, 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
FCP	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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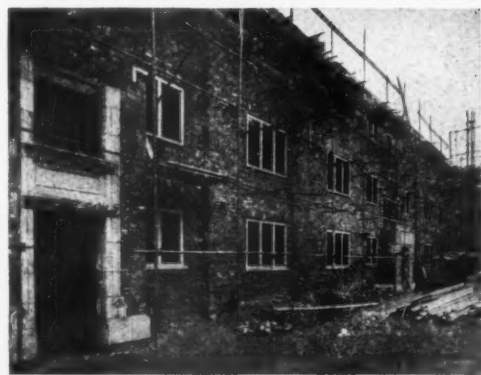
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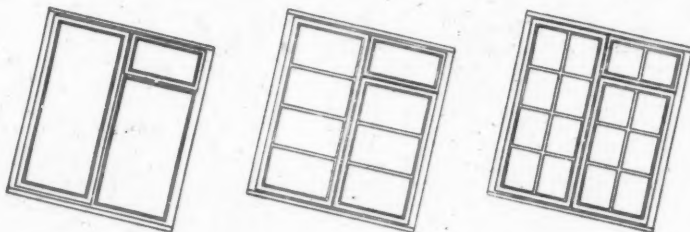


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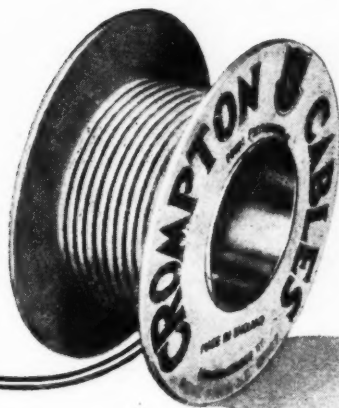
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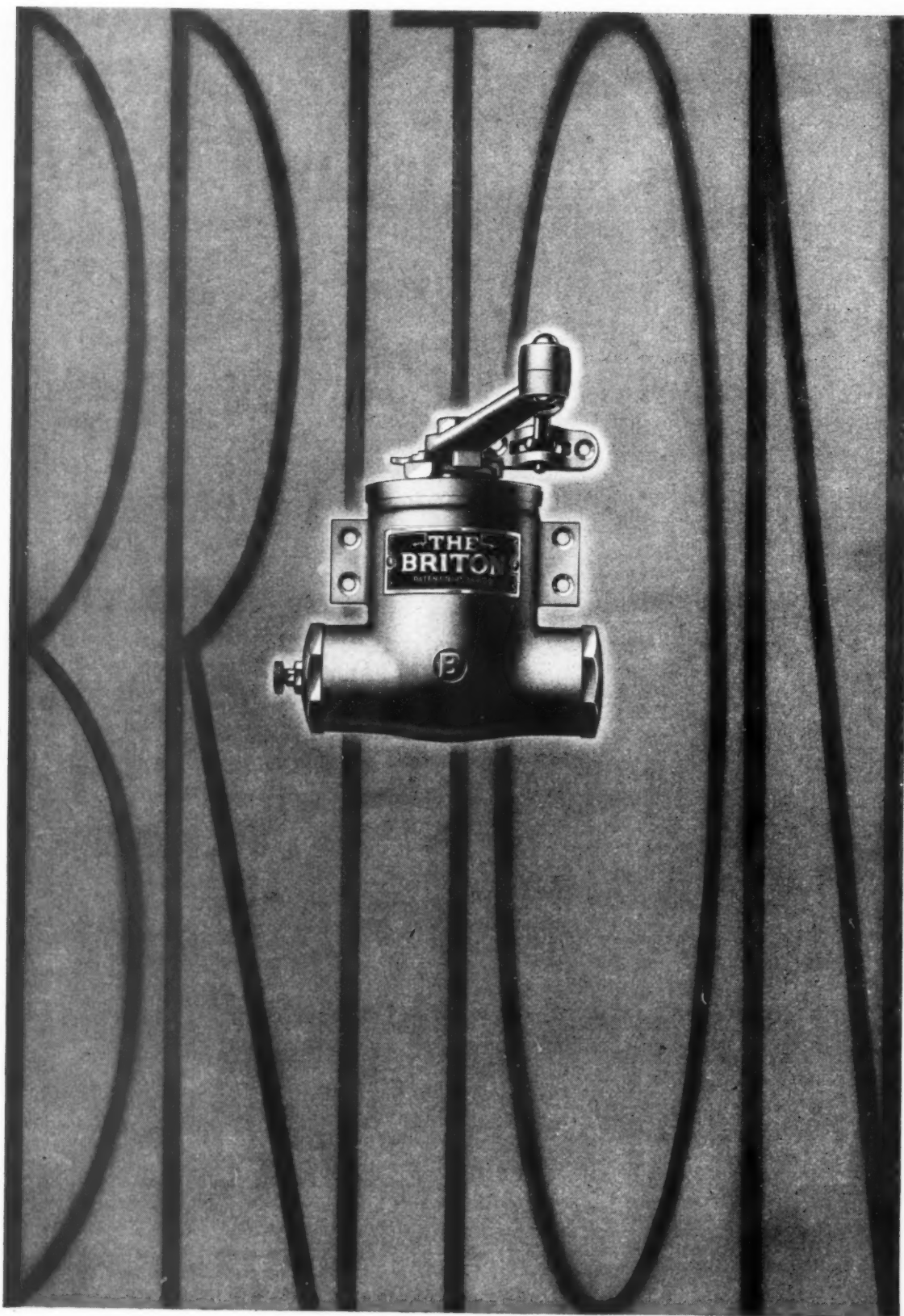
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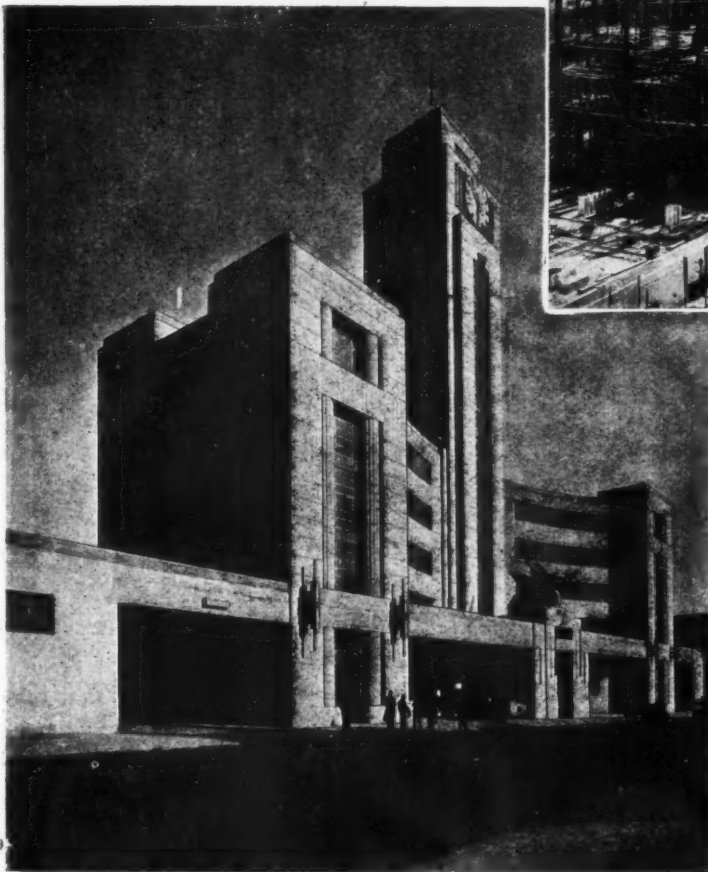
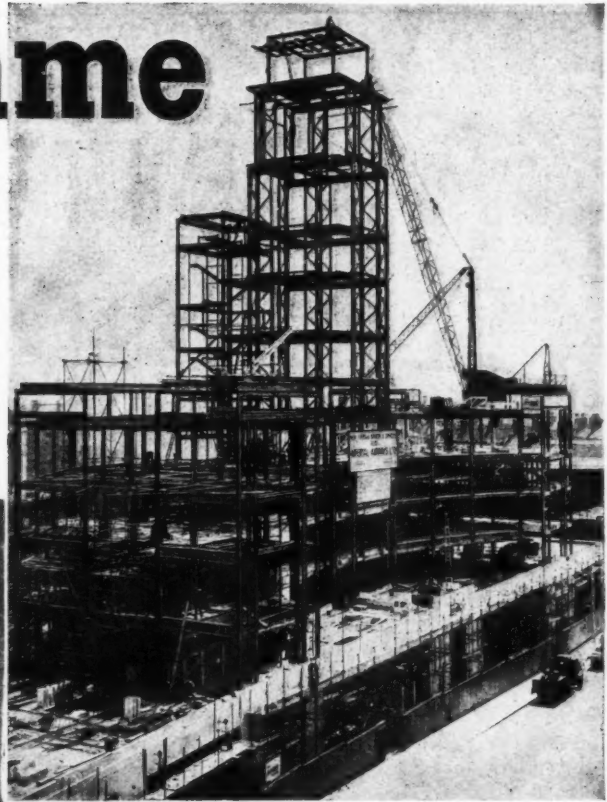
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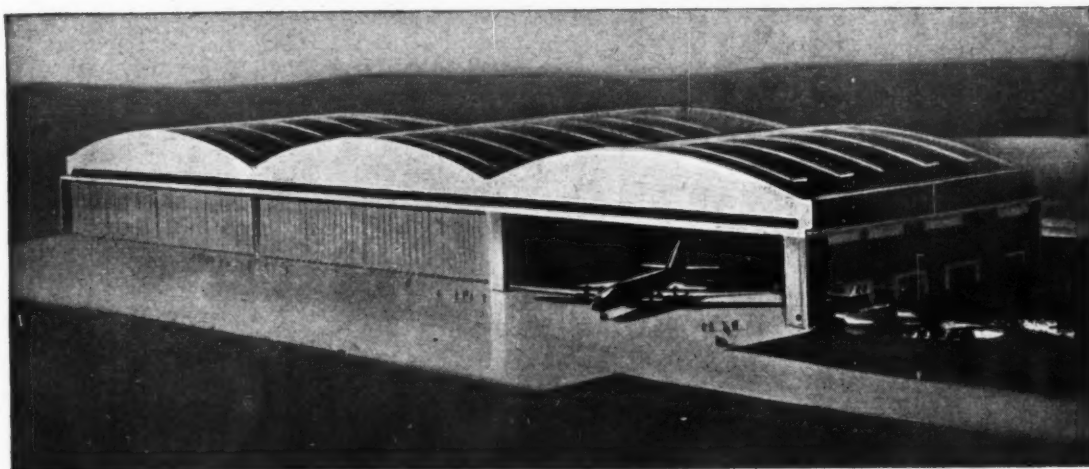
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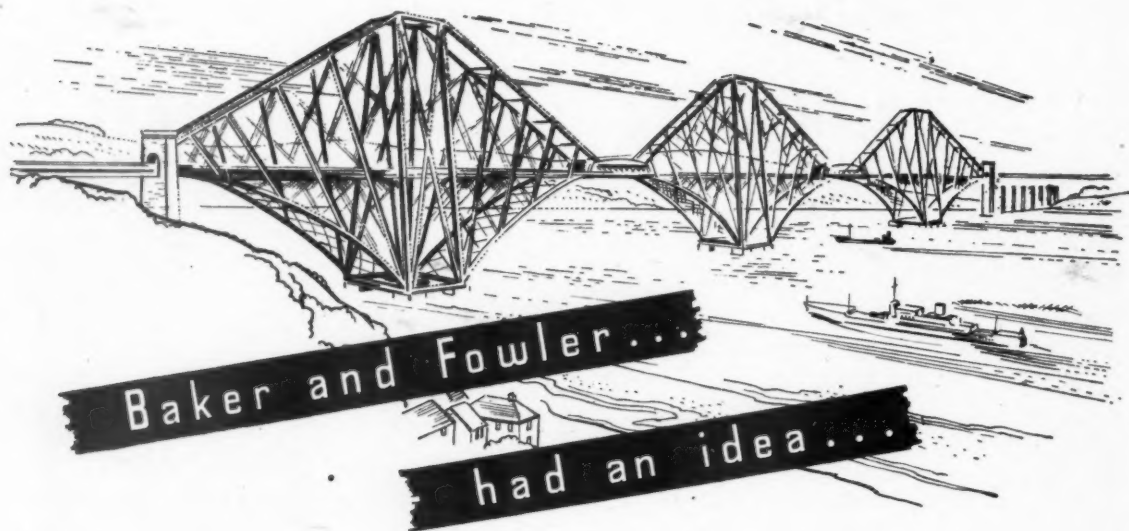
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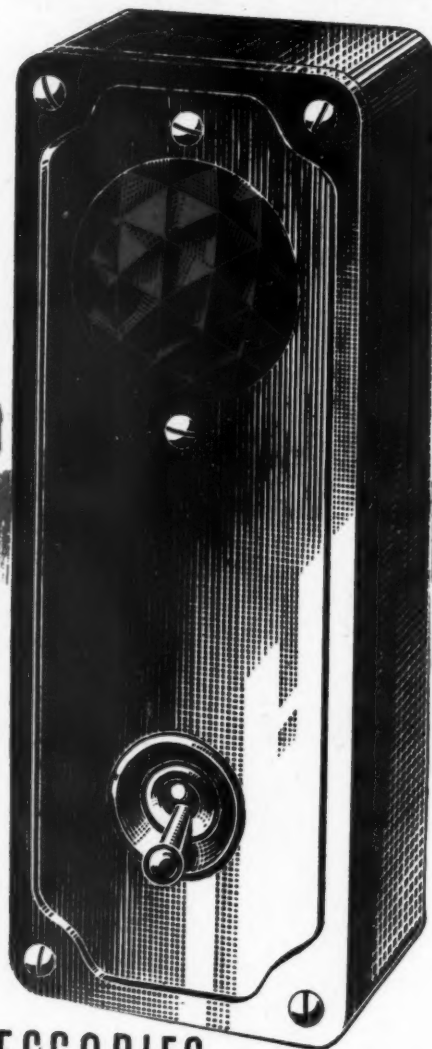
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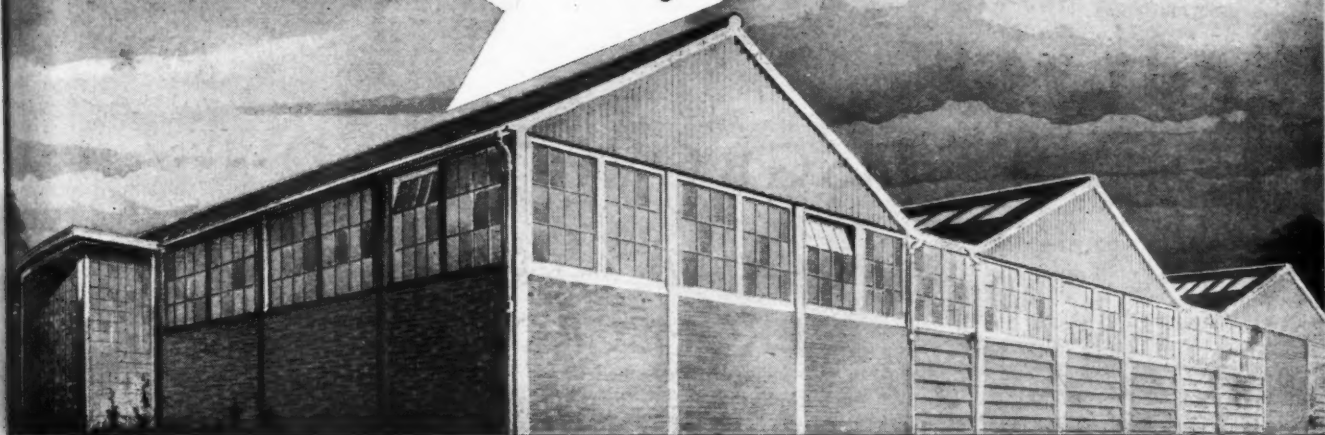
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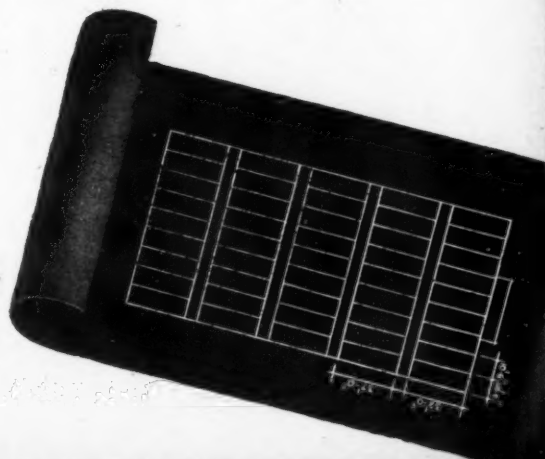
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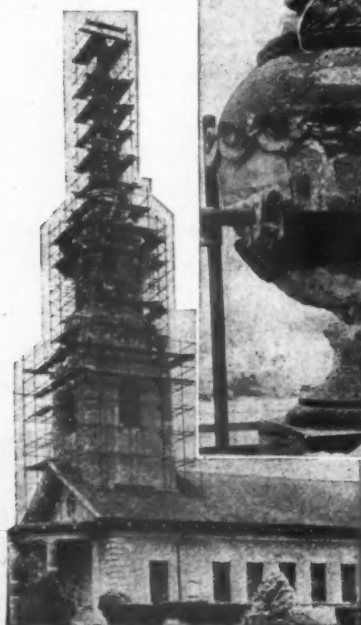
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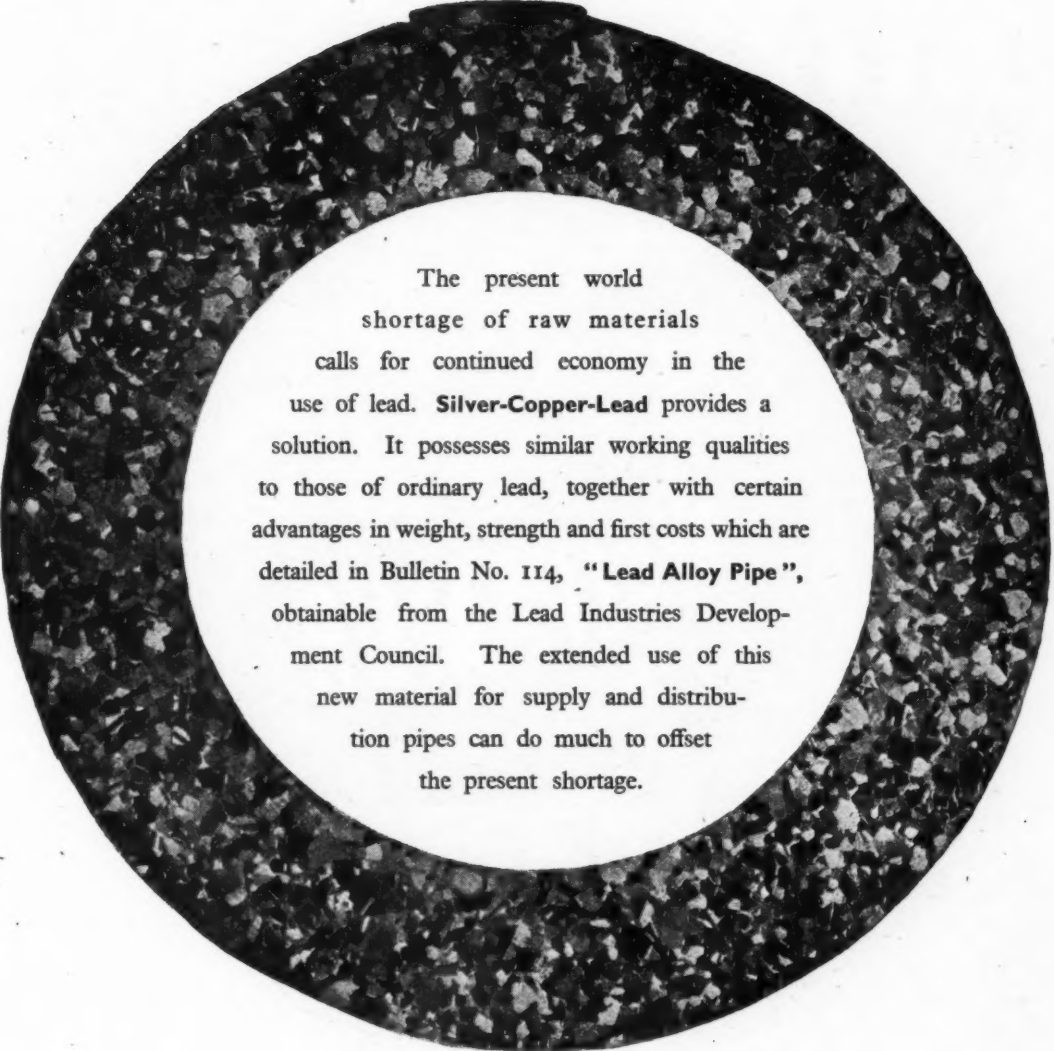
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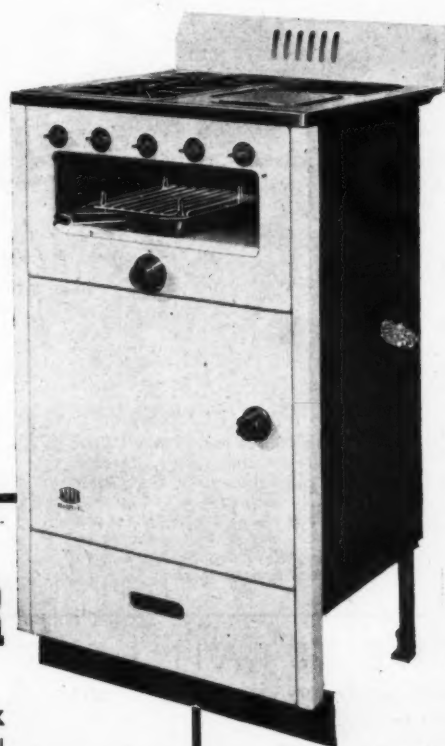
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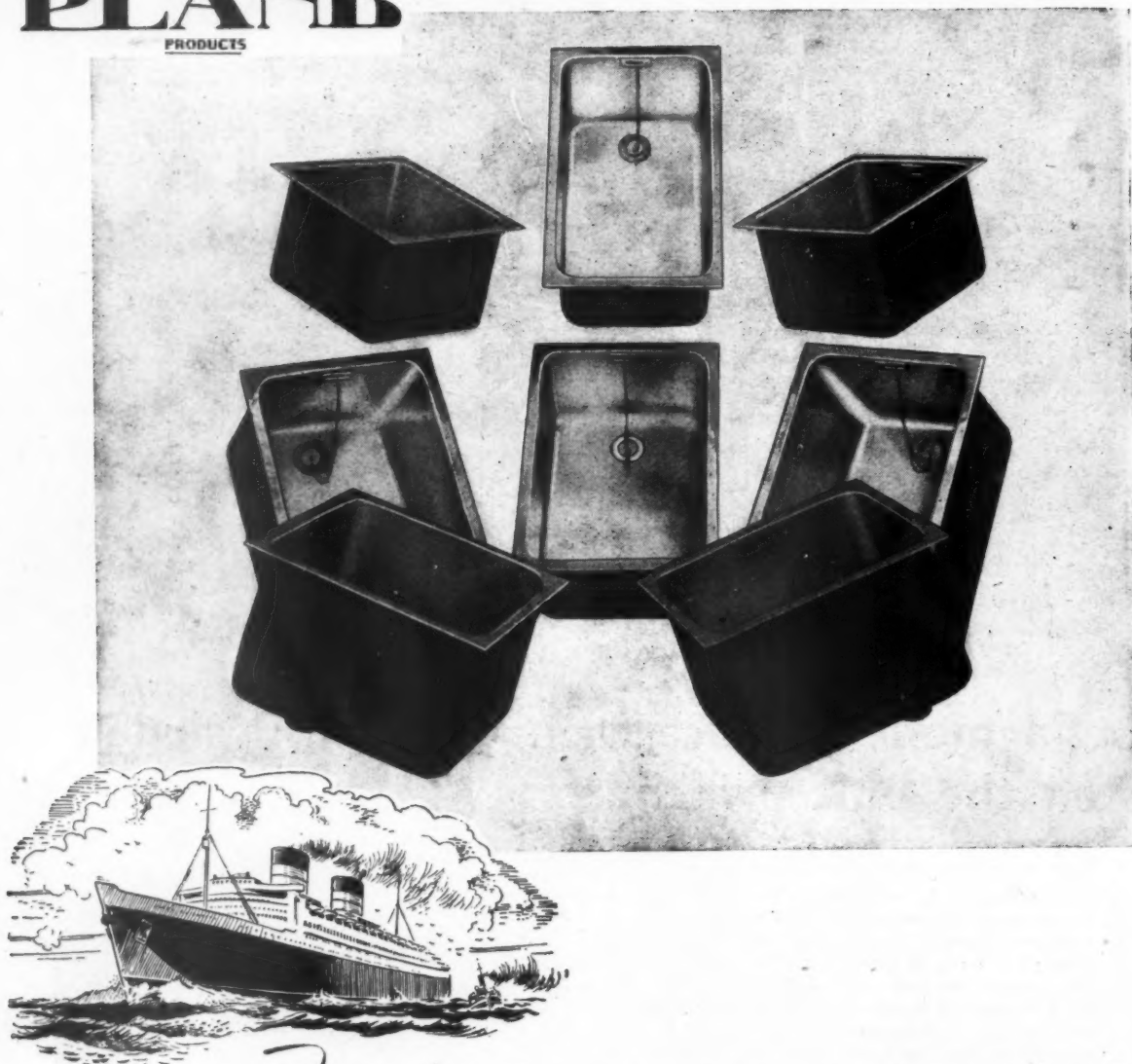
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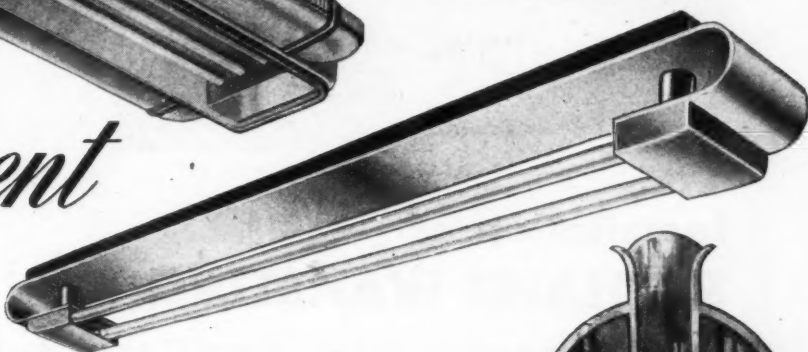


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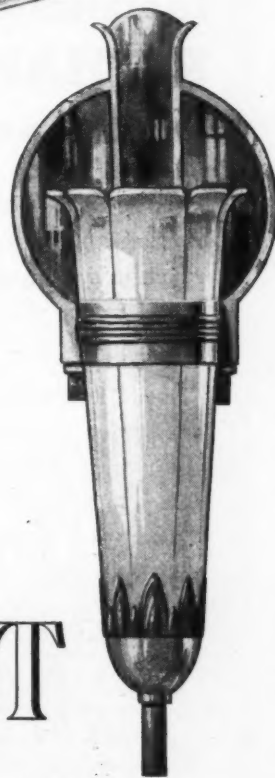


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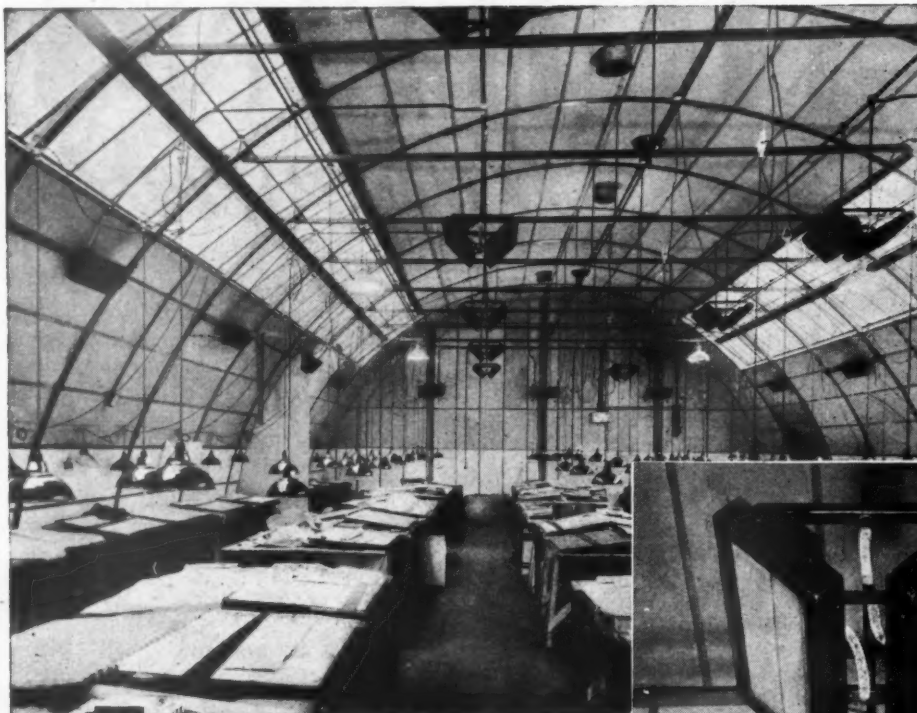


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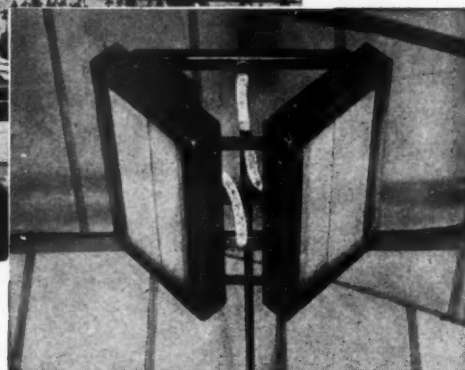
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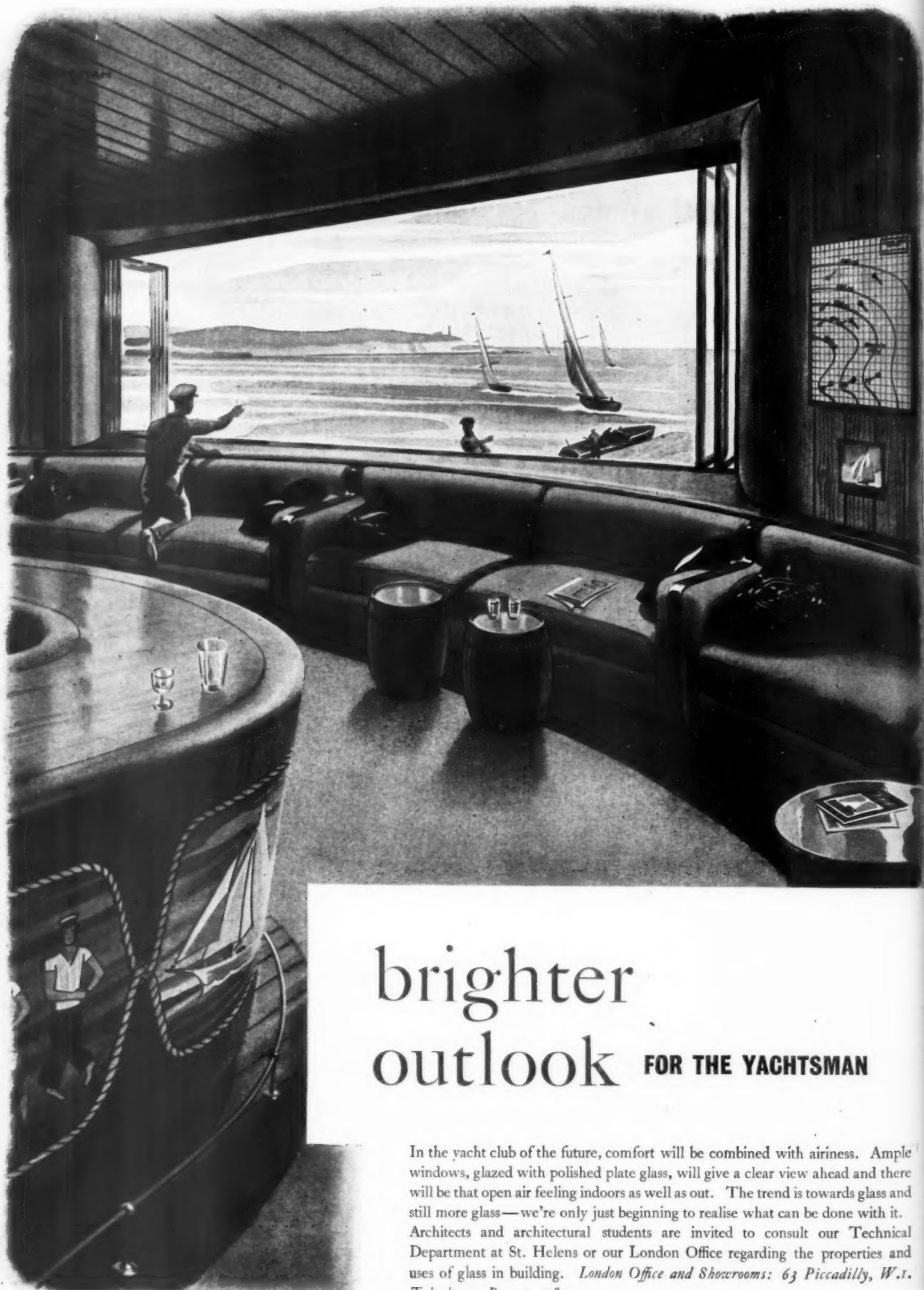
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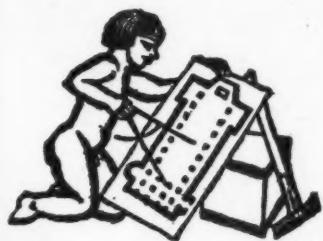
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In common with every other periodical this JOURNAL is rationed to a small part of its pre-war needs of paper. Thus a balance has to be struck between circulation and number of pages. We regret that unless a reader is a subscriber we cannot guarantee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



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NEWS

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

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

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

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

Pre-war drawings and sketches of LONDON BUILDINGS of ARCHITECTURAL INTEREST, since damaged or destroyed by enemy action, will be exhibited at the Building Exhibition, 1947. Entitled "This was London," the drawings are being assembled in the Grand Hall Gallery by Mr. Edgar W. Pitt, who himself made some of the drawings in the early days of the war in the fear that the buildings might be victims of the bombing. Also in the Gallery is to be an RIBA club room and an exhibit called "Europe Renewed," which will consist of photographs and models of building construction in progress or planned in continental countries, including Belgium, Czechoslovakia, Holland, Norway, and Poland. Another exhibit, in line with some of the pre-war exhibits in the Building Exhibition which shocked public opinion into a realization of slum conditions, will be a series of life-size backyards, the extremes being a slum backyard of 1910 and the backyard of 1950 as visualized by the LCC.

DIARY FOR SEPTEMBER OCTOBER AND NOVEMBER

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.

BRISTOL. *Building Science Exhibition.* At George Willis Museum. (Sponsor, DSIR.) OCT 20-Nov. 1

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

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

Architecture in Scotland. At George Heriot's School, Lauriston Place. (Sponsor, ACGB.) UNTIL SEPT. 8

FOLKESTONE. *Fourth Building Congress.* At Leas Cliff Hall, Folkestone. (Sponsor, BINC.) Admission 1 guinea. Nov. 18, and 19

LONDON. *Photography Aids Export Exhibition.* At the Alpine Gallery, 74, South Audley Street. (Sponsor, Institute of British Photographers.) 9 a.m.-7 p.m. SEPT. 4-30

Sixtieth Area General Meeting of the London Master Builders Association, Central Area No. 1. At Derry & Toms Restaurant, Kensington High Street, W.8. The chief speaker will be Mr. G. H. A. Hughes, F.S.I., F.I.A.R.B., Director, LMBA, and a documentary film show will be given. Luncheon, 12.45 for 1 p.m. Meeting, 2 p.m. SEPT 10

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

Exhibition of Work by Candidates for RIBA (Archibald Dawney) Scholarships. At RIBA, 66, Portland Place, London, W.1. The Scholarships are intended to foster the advanced study of all forms of construction, and are tenable at the Schools of Architecture recognized for exemption from the examinations of the Royal Institute. (Sponsor, RIBA.) 10 a.m.-7 p.m. (Sat. 10 a.m.-5 p.m.) SEPT. 8-15

"The Miner Comes to Town" Exhibition. At the C.O.I. Exhibition Centre, Marble Arch. There will be nine sections dealing with all aspects of the mining industry. (Sponsor, COI for MFP and NCB.) SEPT. 11-OCT. 23

Exhibition of Architectural Lettering. At Friends House, Euston Road, N.W.1, 3-6 p.m. *English Monumental Sculpture*, a talk by Frederick Burgess, A.R.C.A. Percy Delf Smith, R.D.I., the President, in the chair. (Sponsor, The Guild of Lettering Craftsmen.) SEPT. 27

Woman's Fair Exhibition. At the Dorland Hall, Regent Street, S.W.1. (Sponsor, "Woman.") SEPT. 23-NOV. 22

IHVE Jubilee, 1897 to 1947.

The President and Council have arranged the following celebrations:

Autumn Meeting of Council. At the Institution of Mechanical Engineers, Storey's Gate, S.W.1, 2 p.m. OCT: 7

Banquet and Dance. At the Savoy Hotel. Dancing from 9 p.m. to 12.30 a.m. 6.30 for 7 p.m. OCT: 7

Autumn Special Meeting of Members. At the Institution of Mechanical Engineers, Storey's Gate. Paper by Mr. C. G. Vokes, A.M.I.MECH.E., A.F.R.E.S., M.S.A.E., on *Air Filtration*. 2.30 p.m. Tea 5.30 p.m. OCT: 8

District Heating. At the Institution of Mechanical Engineers, Storey's Gate. A special "Jubilee" paper by C. G. Carruthers. 5.30 for 6 p.m. OCT: 8

Course of Lectures. School Planning and Construction. At the RIBA, 66, Portland Place, W.1. The course will be open to members of the RIBA and of allied Societies and, in addition, the Clerks to Local Authorities will be invited to nominate professional representatives to attend. (Sponsor, RIBA.) OCT. 23-25

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

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

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

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THE ESSENCE OF ARCHITECTURE. [From Lord Chesterfield's Letters (Letter CLXVI, Volume One).] Mr. Harte tells me, that he intends to give you, by means of Signor Vicentini, a general notion of Civil and Military Architecture; which I am very well pleased with. They are frequent subjects of conversation; and it is very right that you should have some idea of the latter, and a good taste of the former; and you may very soon learn as much as you need to know of either. If you read about one-third of Palladio's Book of Architecture, with some skilful person, and then, with that person, examine the best buildings by those rules, you will know the different proportions of the different Orders; the several diameters of their columns; their intercolumniations, their several uses, &c. The Corinthian Order is chiefly used in magnificent buildings, where ornament and decoration are the principal objects; the Doric is calculated for strength; and the Ionic partakes of the Doric strength and of the Corinthian ornaments. The Composite and the Tuscan Orders are more modern, and were unknown to the Greeks: the one is too light, the other too clumsy. You may soon be acquainted with the considerable parts of Civil Architecture; and for the minute and mechanical parts of it, leave them to masons, bricklayers and Lord Burlington; who has, to a certain degree, lessened himself, by knowing them too well . . .

★
The King has approved the appointment of Mr. Henry Moore and Mr. John Newenham Summerson as members of the ROYAL FINE ART COMMISSION.

They are to succeed the late Lord Lee of Fareham and Mr. Charles Holden, who has retired on the completion of his term of office.

★
Mr. Silkin has approved Easington Rural Council's scheme for a NEW MINING TOWN of 10,000 houses and 30,000 people.

Since the gift to the nation of WOLFSCOTE DALE, DOVE-DALE, Derbyshire, the National Trust have now acquired a further 12 acres of land in the area.

The land consists of two belts of woodland traversed by the interesting Paradise Walk, and bordering the River Manifold to the west of Ilam Park. The southern point links up with Ilam Hall, presented to the Trust in 1934 by the late Sir Robert McDougall. The new land has been purchased out of a fund given by the late Lady McDougall.

Objectors, whose application to quash the CRAWLEY NEW TOWN ORDER was dismissed in the King's Bench Division on July 30, have announced intention of taking their case to the Court of Appeal.

As from Tuesday last, SIR JOHN SOANE'S MUSEUM, closed since 1940, has re-opened to the public.

Times of opening are: Tuesday to Saturday inclusive, 10 a.m. to 5 p.m. Closed on Sundays and Mondays and throughout August. Reconstruction is still in progress and parts of the galleries will have to be closed for short periods from time to time. The collections of drawings and MSS are available for study at the above hours, or

at other times by appointment. From October, lectures on the house and its contents will be given weekly on Wednesdays at 1.30 p.m. (half-an-hour) and Saturdays at 2.30 p.m. (one hour). Lectures to groups and societies will be given at other times by previous appointment.

The RIBA announce the following MAINTENANCE SCHOLARSHIPS awarded for the year 1947-8:-

An RIBA Houston Maintenance Scholarship of £125 per annum to Mr. D. N. Sutcliffe of Welwyn Garden City, Herts.

An RIBA 4th and 5th Year Maintenance Scholarship of £60 per annum to Mr. Albert McCombie of Insch, Aberdeenshire.

An RIBA Howe Green 4th and 5th Year Maintenance Scholarship of £40 per annum to Miss Ruth Pocock of London.

The Maintenance Scholarships previously awarded to the following candidates have been renewed:—

Mr. H. W. D. Burgess (Welsh School of Architecture, The Technical College, Cardiff)—RIBA Houston Maintenance Scholarship of £125 per annum).

Mr. J. M. Phillips (Bartlett School of Architecture, University of London)—RIBA Houston Maintenance Scholarship of £125 per annum).

Mr. A. J. Mellor (Bartlett School of Architecture, University of London)—RIBA Howe Green 4th and 5th Year Maintenance Scholarship of £40 per annum).

Mr. E. Sheard (School of Architecture, King's College, Newcastle-upon-Tyne)—RIBA "Builder" Maintenance Scholarship of £60 per annum).

AMERICAN PREFABRICATION DEVELOPMENT is lagging behind this country, according to Mr. V. J. Chalwin, who has just returned from the United States and Canada, where he has been on a lecture tour.

Mr. Chalwin, who is Technical Director of Tarran Industries Ltd., said that the Americans are considerably behind us in the quality of their domestic building, and have not developed prefabrication to the same extent that it has been developed in Britain. However, the American concrete masonry industry is expanding, and in 1946 the output was 20 times that of clay brick. Very little tile or slate is being used for roofing. Most buildings have what is known as a "20-Year Life" roof of composition shingles made of roofing felt. These are easily replaced and attractively done in various colours. The plentiful supply of timber has led to many houses being timber framed and boarded and having a veneer of brick or stone added. Conditions in Canada are similar, with the addition that a great deal of aluminium is used as a roofing and siding material.



The L.M.S. Railway's School of Transport, Derby, designed by the Company's Architect, Mr. William H. Hamlyn, F.R.I.B.A., for which he has been awarded the Nottingham, Derby and Lincoln Architectural Society's bronze medallion for the best building erected within the three counties during the period January 1, 1937 to December 31, 1946. See A. J. July 28, 1938.



Cardiff Castle

The Marquess of Bute recently gave Cardiff Castle with its lands and Sophia Gardens to Cardiff City Council. The Norman fortress, standing in 300 acres in the centre of the city, through the centuries has suffered as chequered a history as most. From about the year 1090 the castle began to take shape, first with Robert Fitz-Hamon's seizing the old Roman station and palisading and throwing up earthworks, then by the hands of the de Clares, the Despencers

and the Beauchamps it rose sullen in stone. By the mid-sixteenth century the Herberts were modernizing it after the fashion of the day. During the nineteenth century the Marquesses of Bute indulged a fancy for improvements by adding more than a touch of neo-Gothic, and later installing a clock tower of extravagant design and doubtful wit. Now, in 1947, bereft of a live place in a heavily-taxed community its battle of styles, fought across eight centuries, is over

★ *The Ministry of Town and Country Planning has announced that MR. CLOUGH WILLIAMS-ELLIS HAS RESIGNED the chairmanship of the Stevenage New Town Development Corporation.*

Mr. Williams-Ellis has found it necessary to resign because of the heavy demand on his time and services in other connections. Mr. Silkin has accepted his resignation with regret and expressed appreciation of his work in the initial stages of establishing the Corporation.

★ *Appointments to the HEMEL HEMPSTEAD DEVELOPMENT CORPORATION for the proposed satellite town have been announced.*

Administrative and Legal Officer—Mr. E. Bellingham, now Town Clerk of Stockton-on-Tees. Chief Architect—Mr. H. K. Ablett, City Architect, Nottingham (see A.J., August 28). Chief Engineer—Mr. J. W. Henderson, deputy City Engineer, Oxford. Estates Officer—Mr. W. T. Clegg, assistant Estates and Valuation Department, Middlesex County Council. Finance Officer—Mr. L. F. Cheyney, the Borough Treasurer, Swindon. Public Relations Officer—Mr. B. G. H. Brooke Taylor.

The GWR is to carry out STRUCTURAL ALTERATIONS TO CHEPSTOW BRIDGE carrying the Newport - Gloucester lines over the River Wye.

The bridge, designed by Brunel in 1852, consists of a 300-ft. tubular span over the river and three 100-ft. land spans at the south end 50 ft. in height.

The work involves the replacement of the wrought iron land spans carried on the top of cylindrical piers, by new steel spans, weighing some 600 tons, of modern design.

A party of 50 SWEDISH ARCHITECTS AND STUDENTS organised by the Architectural Association are to visit England at the end of September.

During the first week the party will tour the West of England, visiting Salisbury, Bath, Stratford-on-Avon and Oxford, whilst the second week will be spent mainly in London, where hospitality for the party will be provided by members of the Association.

Courtaulds Limited, are not to establish a factory in Cumberland, and the submerging of a hotel and farm lands near Whitehaven, contemplated in the ENNERDALE LAKE SCHEME for increasing water supplies, is now unlikely.

The plan was to raise the level of the lake by 4 ft. to provide Courtaulds with 8,500,000 gallons of water daily, and Whitehaven Council and Ennerdale and Millom Rural District Councils with 5,500,000 gallons daily. Whitehaven Council has been informed that representatives of the local authorities had met the Minister of Health, and it is believed that a modified scheme will provide their supply without changing the level of the lake.

THE TIMBER CUT AND THE BUILDING PROGRAMME

SINCE the Prime Minister announced that imports of timber were to be reduced by ten million pounds per annum there has been speculation on the effect that this cut may have on the housing programme.

What is going to be the effect of this cut? The more optimistic pronouncements must be treated with caution; Mr. Bevan's remark that the cut will not affect houses now under construction must not be taken to imply that the future programme will remain unscathed. On the other hand, the pessimists who convert £10 millions into 143,000 standards at £70 a standard, and, dividing by two standards per house, reach a cut of 70,000 houses in the programme, are perhaps over-simplifying the argument. There is a considerable possibility of switching from traditional to reinforced concrete houses. For architects, the main significance of the timber cut is, indeed, that it redoubles the public importance of designing, or improving the design, of non-traditional houses. Landscaping, planting and siting are of vital importance moreover, if the switch-over to non-traditional methods, enforced on us by necessity, is not to be a reproach for generations. But has the full magnitude of the timber crisis been realized? The "pessimistic" argument outlined above is perhaps not pessimistic enough. It is true that the Prime Minister qualified his statement by remarking that the cut was not "on the low level of supplies we were able to import until recently, but on the considerably higher level which we had been hoping to reach." The average amount of softwood timber imports from September, 1946, to March, 1947, was at the rate of 850,000 standards per annum; the rate for April-June, 1947, was at the rate of 1,100,000 standards per annum, so we may guess that the cut will be on an import programme of somewhere about this higher figure. But building is not the only claimant on softwoods. Other uses, including especially the needs for packing-cases and the like, take up about 40 per cent. of all softwood timber imported.

The average price of timber at the port is very much less than £70 a standard; it averaged about £44 for the first six months of 1947. On this basis, a cut of £10 millions means a reduction of some 225,000 standards. How can this possibly be spared out of the non-building demand for timber. It is clear from these figures that the building programme for next year would have to be reduced, apart from the use of substitutes, by some 20 per cent. This reduction in the programme would not necessarily mean a total lower level of building output, nor need all of any cut be concentrated on housing. Over the next twelve months, if these figures are correct, the industry could still use a little more timber than in 1946 (about 10 per cent. more), but the calendar year 1946 was not remarkable for its timber imports. There would certainly be a timber famine if not much over 500,000 standards could be set aside for all building purposes.

In the housing programme issues in January, 1947, the Government stated that it was not proposing to limit the programme because of uncertainty as to "this single factor" (timber), "but rather to make the maximum efforts to obtain supplies of this material required for the programme." The dollar crisis has put a curb on these efforts. On the figures now available and on the belief that housing would have to bear a half of the burden of any cut, it looks as though a programme of *traditional* houses would have to be reduced by 20,000 or 30,000 houses. But is this development a calamity so much to be deplored? Efficiency in the building industry is never going to be attained until radically new methods of organization are adopted.

The timber cut is only a forerunner, no doubt, of a drastic overhaul of the building programme. When the Government announces the next instalment of its depressing austerity serial, next week, it is to be hoped that the implications of any reduction will have been worked out, at least in broad outline. Continued uncertainty would affect productivity adversely; on this the Government must realize its serious responsibility to the industry and public, in its role as planning authority.



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T O P I C S

MR. CLOUGH WILLIAMS-ELLIS'S RESIGNATION

The course of such a ticklish operation as the creation of a good new town cannot be expected to be quite smooth, and Stevenage has had its ration of troubles. In fact, to the man in the street it appears to be having more than its ration, and the resignation of Mr. Clough Williams-Ellis, the chairman of the Corporation, owing to pressure of other work, will be a disappointment to architects.

Stevenage, after all, was something special. It was the first New Town; its general plan was prepared by the Ministry's own planning division; it was to be, I think, a laboratory of New Town methods; and I recall Mr. Silkin himself prophesying that it would have visitors from all over the world. Lastly, the appointment of Mr. Williams-Ellis assured architects that the Chairman of the Stevenage Corporation would have the root of the matter in him.

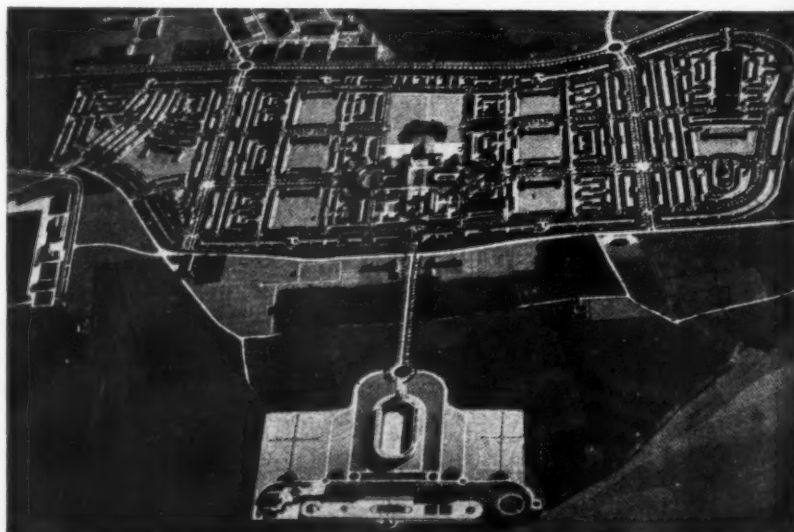
After this promising start, delays caused by legal action taken by objec-

tors were disappointing, but could not be helped. But since legal difficulties were cleared away, news of Stevenage has been disappointingly scarce, and it is sad that Mr. Williams-Ellis could not remain until a good team of technical officers had been chosen and the main lines of the town had begun to take shape.

LIVERPOOL VILLAGE CENTRE

The shift of dock activity to Southampton and London has brought depression back to Liverpool. The dockers are working part-time only, and the city has 24,000 unemployed, which, in proportion to its population, is four times the national average. Even the proposal to re-concentrate the football pools has been abandoned because it would have greatly increased Liverpool's unemployed. New industries of varied character are badly needed, and the City Corporation have plans for extending their trading estates at Kirkby, Fazakerley, and Speke.

An exhibition, with several attractive models of the plans prepared by Sir Launcelot Keay and Mr. Hough, the City Engineer and Surveyor, has recently been held. A first impression of these plans is that the centre is over-developed. As one walks along Dale Street and Water Street, office blocks of ten or more storeys tower above the narrow streets, and only a minute churchyard offers the office-worker a chance to snatch an after-lunch snooze. However valuable the blitzed sites may



A model of the new Speke, with stadium in the foreground and community centre in the middle. See Astragal's note above.

be, I hope that some of them will remain open. Perhaps it would be better to follow Le Corbusier and let every other site take a twenty-storey block, so that the buildings have a setting of grass and trees and the sea breezes can penetrate.

WBA

The Ministry of Works has achieved something in its new WBA priority scheme. There will be only one form to complete, and the number of priority materials is reduced from 90 to 23. Architects who have found their files growing bulkier and bulkier and the volume of paper per building increasing steadily will appreciate this streamlining. It is averred that the heavy penalties imposed are to catch a few rogues, the Ministry of Works claiming that there is no evidence of a large black market in building materials.

THE TRIALS OF YOUTH

The young architect starting his practice is going to find things very much harder as a result of Mr. Bevan's virtual ban on the building of private houses. However, it looks as though agricultural building work will increase, so one may expect an exodus of architects into the countryside. This will no doubt be a healthy move for the architect and will enable farmers to re-equip their holdings and provide much-needed cottages.

It looks, however, as though it will be some time before the architect setting up in private practice can rely on the

commissions of aunts and uncles, whose houses seem to have provided the starting-point of many successful architectural careers. The only way for an architect to learn his job is to build and go on building. That is going to be much harder for some years to come.

BRIDGWATER

The picture on this page shows Castle Street, Bridgwater, where CIAM will be meeting next week. Bridgwater should prove an enjoyable as well as an original setting for an international congress as it is just the type of unassuming English country town that foreign visitors normally do not see. It is a river port on the most modest scale and Castle Street slopes up from the cobbled quays to a tree-filled square at the top of the hill.

The picture shows Castle Street as deserted as the streets of a country town so often are, and my readers must use their imagination to people these empty pavements with the international figures that will be thronging them next week. Look at the picture again: those three figures walking arm-in-arm down the middle of the street are Alfred Roth, J. Ll. Ser and Mark Hartland Thomas, gossiping in a doorway are Christopher Tunnard and Walter Gropius, it is Dr. Giedion of Zurich who is just emerging from the shadows on the left and the tall figure stooping down, trying to crank up the car, is none other than Le Corbusier himself.

ASTRAGAL



Castle Street, Bridgwater. See Astragal's note.



LETTERS

S. J. Andrews

Eric R. Lloyd

Alex Ram

Lifts

SIR,—I feel compelled to write of the persistence with which architects completely ignore the fundamentals of a good lift installation.

Plans reproduced in architectural newspapers almost invariably show the machine room of the lift in the basement, adjacent to the lift shaft. It should be realised that this is about the worst position possible for a really efficient job, and it should be avoided whenever possible. Whilst it is realised that it is not always practicable to arrange the machine room above the lift shaft, very careful consideration should be given before placing it elsewhere.

The main objections to the machine room being placed below are:

- (a) Higher capital cost.
- (b) The loading on the building is approximately doubled.
- (c) Power consumption is more.
- (d) Renewal of ropes required more frequently.
- (e) Renewal cost of ropes is about 2½ times as high.
- (f) Maintenance of overhead pulleys frequently difficult, with consequent neglect.

These disadvantages should not be lightly overlooked.

In addition very little extra height is required in the shaft for the counterweight above than is required for a pulley pent-house.

Another common fault is that the lift shaft is usually shown completely filled with the lift car, and many architects will not realise that this condition is impossible (although frequently insisted upon) and that room is required to accommodate a machine room and electrical control equipment.

Architects would do well to study the Lift Code of Practice issued by BINC, and the *Mechanical Installations* handbook published by HMSO before arranging their schemes. They would also do well to consult a reputable lift engineer at a very early

DWELLING HOUSE INTO CHICKEN HOUSE



While in this country we are making use of every available square foot of space for living purposes, whether suitable or unsuitable, those extraordinary people, the Americans, or more properly the inhabitants of the USA, are with the help of their Government, engaged in converting war-time dwellings into tool-sheds, chicken-houses and other utility buildings. The Federal Public Housing Authority have exhibited in Washington recently a utility building 20 ft. by 40 ft. constructed from materials taken from a standard two-storey building of 12 family units. Each of these 12 family units produces four utility buildings. There appear to be some 400,000 such dwellings, which were erected on temporary war-housing projects. The reader might be excused for thinking that there is no housing shortage in the United States this is, however, far from the case; and it may be some comfort to those looking for houses to know that there will be a lot more utility buildings. The illustrations show, top, left, houses being dismantled, the walls and partitions are removed in large units for re-use. This type of house was not originally designed to be dismantlable. Right, a panel connection on the utility building being caulked. Left, an exterior wall of a temporary house being hand sawn into a convenient size.

stage in the planning of any building that requires vertical transport for passengers or goods.

In conclusion, the lift schemes shown in *A. J.* for July 31 (Licensed Premises, Birmingham) are completely impossible for a sound engineering job.

Northampton

S. J. ANDREWS

Registration

SIR,—With reference to the many letters appearing in the *Journal* since November last, may I further the correspondence, by adding a little to the report of the ARCUK meeting, published in the *A. J.* for August 7.

In a letter from the ARCUK, I was informed that as the interests of those concerned had been met by the Registration Act, nothing further could be done for the ex-Service AA, and suggested that those of us having had our studies interrupted by war service should take advantage of the grants

made available by the Ministry of Labour.

A very nice suggestion, but such an easy way out; I wonder, and at the same time very much doubt, if any member of the ARCUK has endeavoured to obtain a WS grant only to discover that unless their yearly salary was below a certain figure, set by the Appointments Branch of the Ministry of Labour, that they were not eligible.

Further, it has also been known that an AA, having obtained a grant, has been unable to take advantage of it, due to the fact that there was no vacancy at the Architectural Establishment to which the individual applied.

In my original letter to the ARCUK I mentioned many points to which a reply would have been appreciated, but none were forthcoming.

Finally I should like to point out that many of the Architectural Assistants who supported my letter to the ARCUK are, like myself, sitting for their "final" this year, but since demobilisation have had to suffer

remarks from prospective employers such as: "What! not qualified, well I can offer you £300 a year," or from a large banking concern, "I'm afraid you are seven years out of date, sorry!"

Liverpool

ERIC R. LLOYD

English-German Dictionary

SIR.—At present I am engaged to collect technical terms for an English-German dictionary for building and construction purposes.

To be up to date it would be a great and welcomed help for me, to get some of those advertisements appearing in the issues of *The Architect's Journal*.

I therefore ask you for some booklets and information sheets offered by manufacturers. I should be grateful if they could be sent to (24 a) Hamburg 36, Jungfernstieg 30 11, Germany.

ALEX RAM

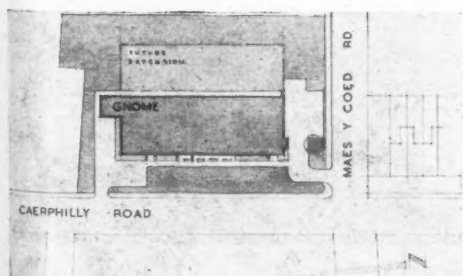
The south-west corner with doors to materials and tool store and packing and despatch department.



FACTORY FOR

GNOME PHOTOGRAPHIC PRODUCTS LTD., CARDIFF

DESIGNED BY SIR PERCY THOMAS AND SON



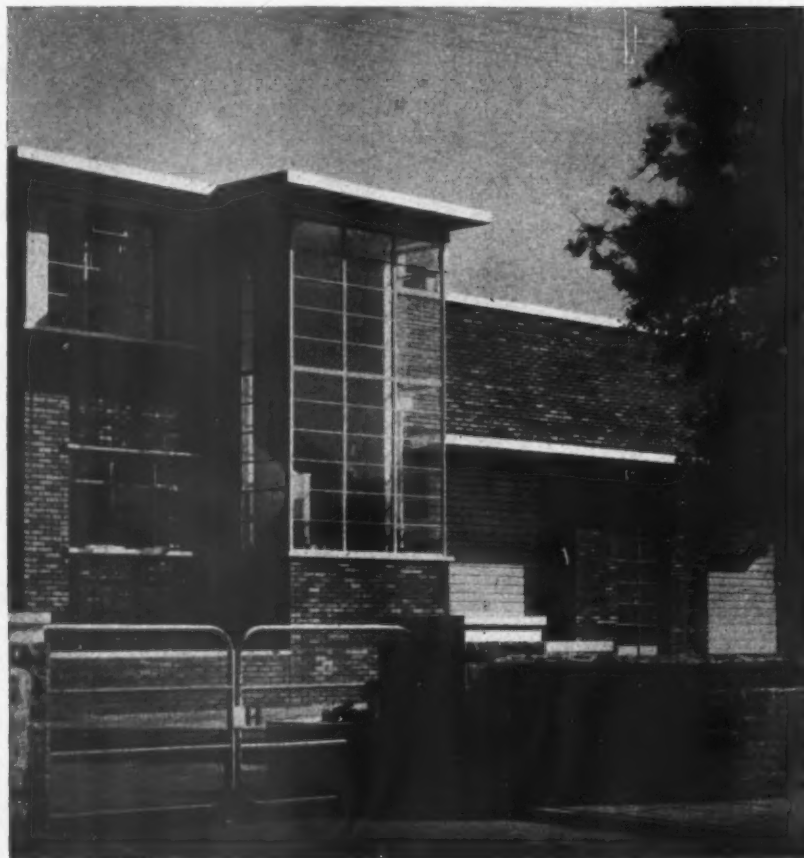
The site plan showing future extension.

GENERAL.—The factory is of the standard north light type with a temporary rear wall so that the factory may be extended in that direction. The canteen and office accommodation is planned for a larger factory, but the completion of the first section was a matter of urgency.

SITE.—The site is at the corner of a main road, with the principal entrance for goods on the side road.

This determined the position of entrance and despatch, etc. As the building is on a main road the local authorities insisted upon the parapet wall screening the ends of the north light roofs.

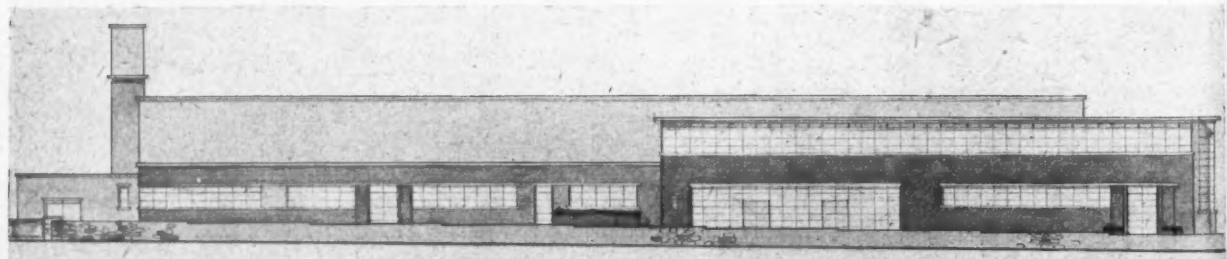
THE PLAN.—Direct contact was required between the first floor drawing office and the factory, and a feature has been made of an all glass front to the canteen carried down to the ground, with window



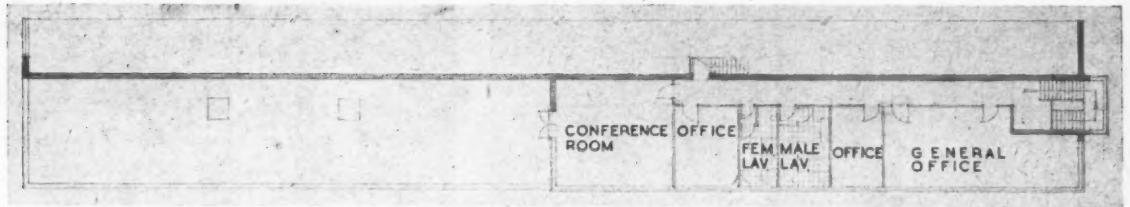
Top, the entrance to the loading yard with staircase to offices on the first floor; middle, elevation to Caerphilly Road, to $\frac{1}{8}$ in. scale; bottom, the north-west corner.

boxes and grass plots arranged in front of the building. On the ground floor is the drawing office, canteen, kitchen, cloak-room and the plating shop along the main front. On the south are the materials and tool store, and the packing and despatch department; there is a small boiler house on the north. On the first floor are the general office, with two smaller offices and a conference room. The factory is designed for extensions as indicated on the site plan on page 207.

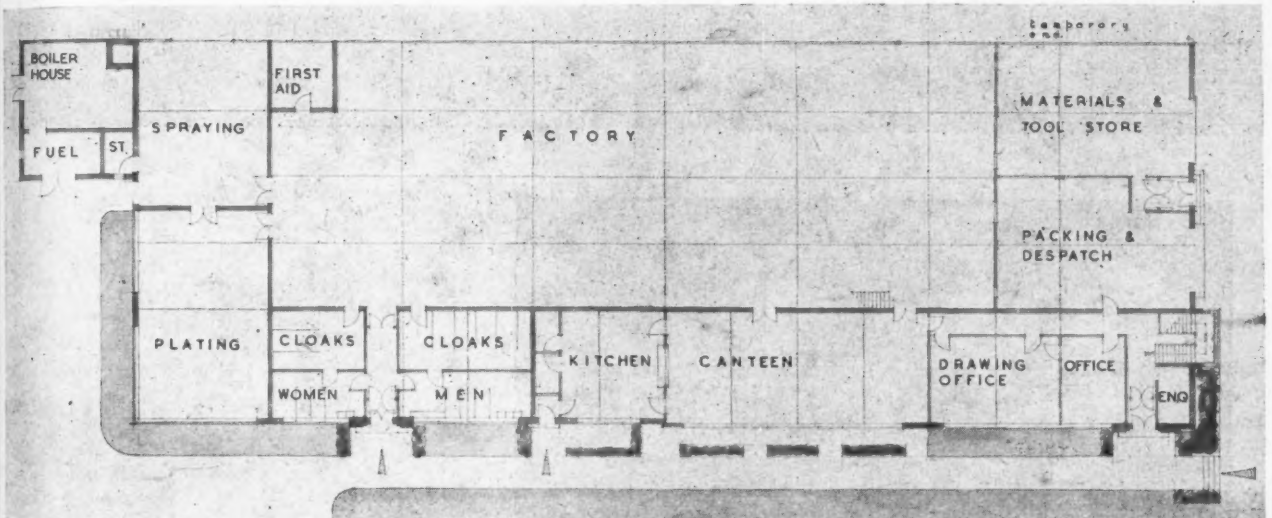
CONSTRUCTION.—Steel framed 50 ft. span lattice girders, carrying north light roof. Panel walls 11 in. cavity brick. Roofs are built up of pre-cast concrete slabs covered with asphalt. The internal walls



FACTORY FOR GNOME PHOTOGRAPHIC PRODUCTS, LTD.



FIRST FLOOR PLAN



GROUND FLOOR PLAN

[Scale 1/8" = 1'0"]

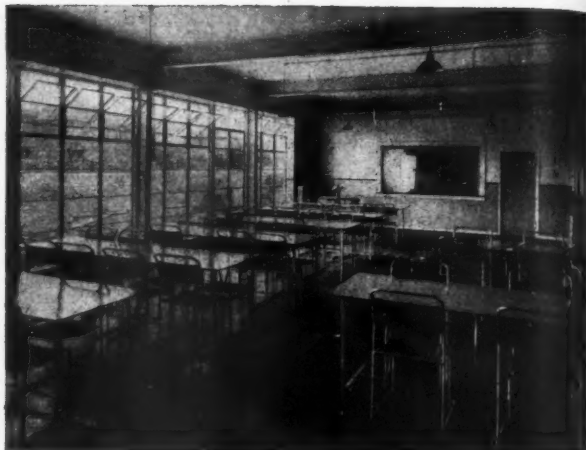


The main entrance. The continuous windows on the first floor light the offices and the conference room. The ground floor is occupied by a drawing office, canteen, with the big window opening on to a terrace, and just off the picture to the left, the factory entrance and plating shop.

are 4 in. hollow brick. Floors concrete with granolithic finish, except offices, canteen, etc., which are of Jarra wood block. The external doors are protected by reinforced concrete cantilever hoods.

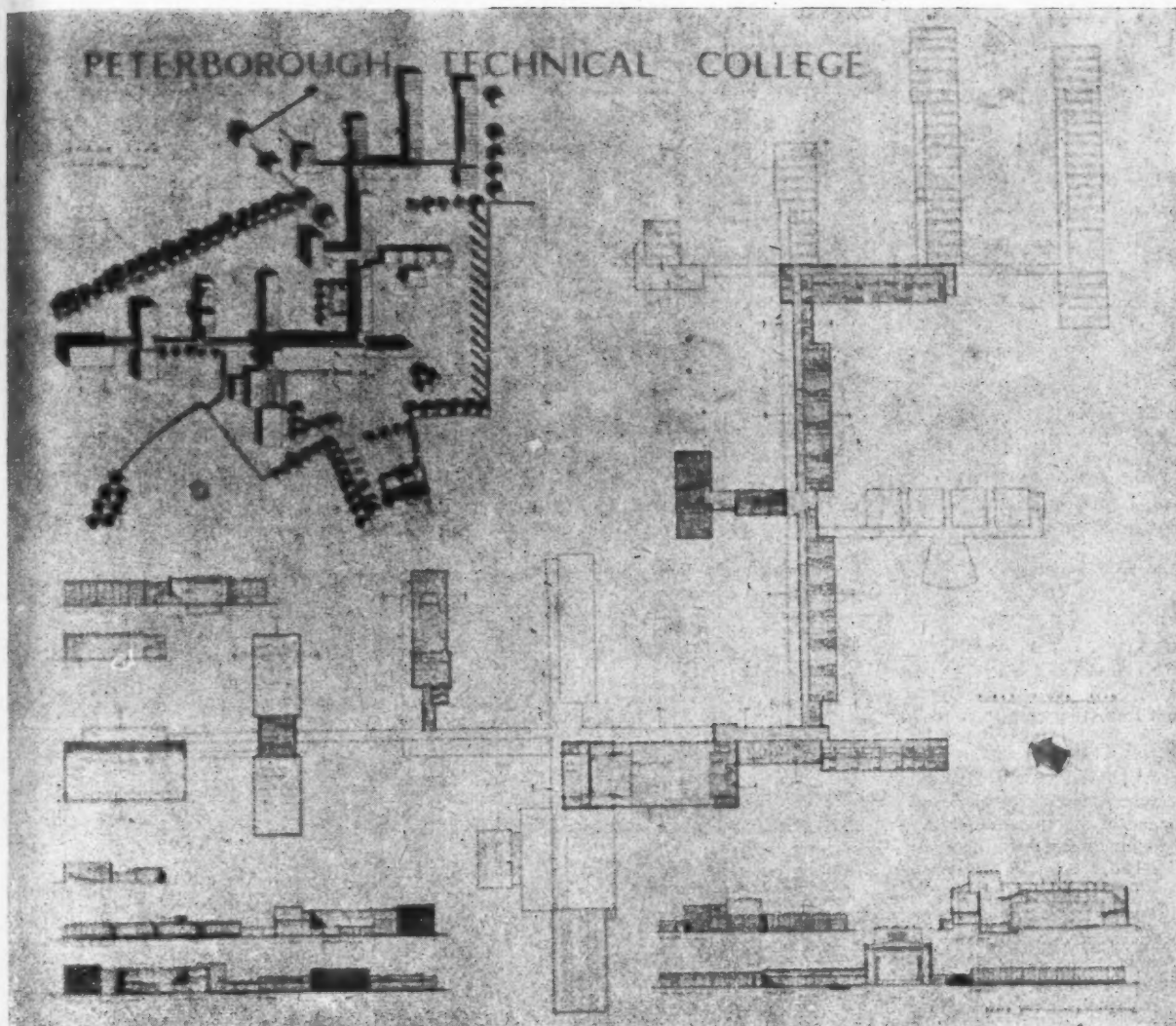
The elevation to the road is very simple with no decorative flourishes. Fortunately, a nice brown-ryed brick was available and the metal windows are all painted cau-de-nil.

The walls of the factory are treated with Snowcem. The offices, canteen, corridors, etc., are plastered. Low pressure water heating with controlled ventilated unit heaters is employed in the factory and radiators in the offices and canteen.



Top, left. The conference room on the first floor, opening on to a roof terrace; right, the canteen with hatch to the kitchen in the wall at the back; bottom, the staircase leading to the offices on the first floor.

FACTORY FOR GNOME PHOTOGRAPHIC PRODUCTS, LTD.,
CARDIFF: BY SIR PERCY THOMAS AND SON



The winning scheme, lay-out, first floor plan and sections.

PETERBOROUGH TECHNICAL COLLEGE COMPETITION DESIGNS

Mr. T. Cecil Howitt, the Assessor in the Competition for a Technical College at Peterborough promoted by the Peterborough Joint Education Board, has made his award as follows :

1. (21) (£500) David C. H. Jenkin, Herne Hill.
2. (2) (£250) Messrs. Lyons & Israel, London.

3. (45) (£125) Messrs. Atherton & Brenchley, in collaboration with Ralph F. Poole, London.

The following designs were commended :

- (35) Messrs. Vine and Vine, London.
- (51) Messrs. Powell & Moya, London.

Of the winning design, the Assessor says : it is a brilliant and out-

standing solution to the problem, showing a unique study of even the smallest details. The buildings when erected to this design would adapt themselves well to the character of the site and the surrounding property ; they would be worthy of the City, and they should set an example for present-day accommodation of this character.

DAVID C. H. JENKIN FIRST PRIZE (£500)

The winning scheme, top, ground floor plan, bottom, elevations.

Extract from the winner's report :

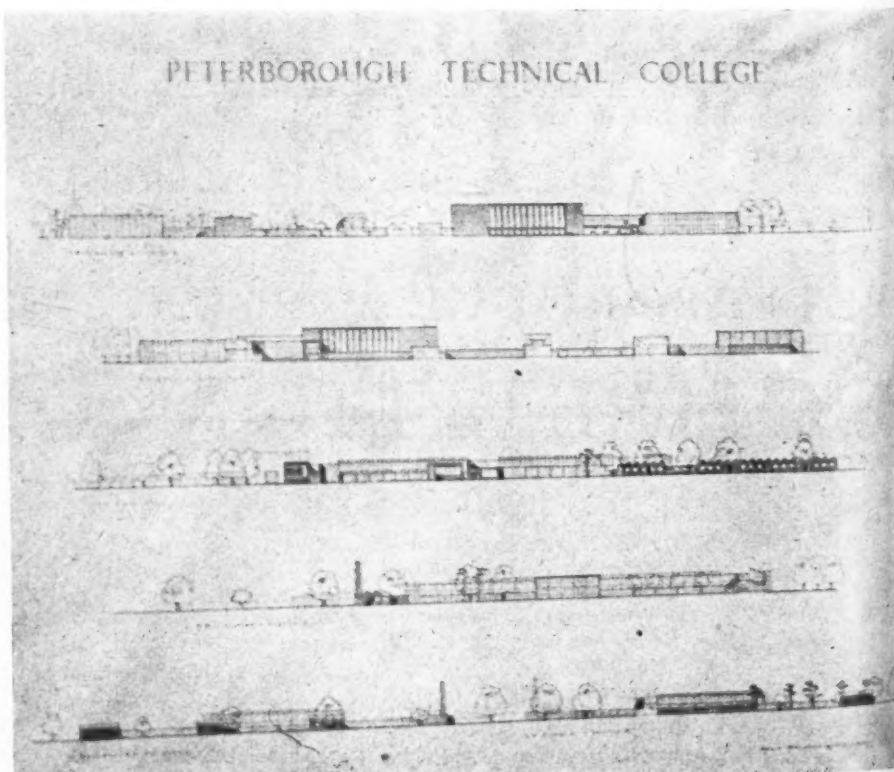
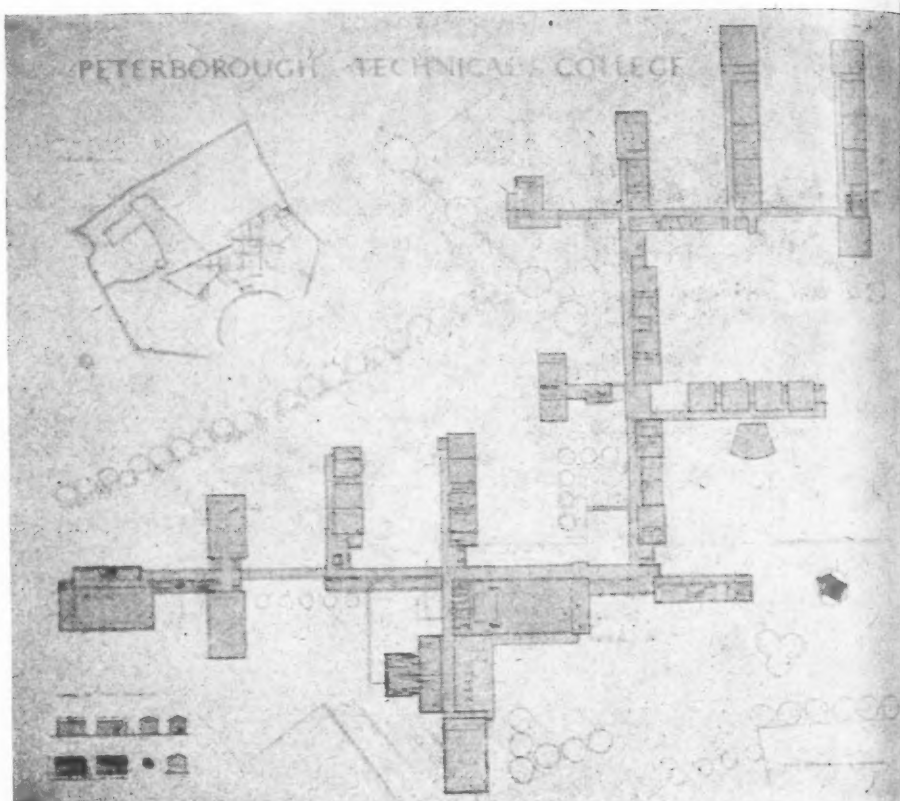
CONSTRUCTION

Steelwork, based on a 5-ft. module for economy, flexibility of design, and speed of erection, is designed in 15-ft. structural bays generally and in 10-ft. bays in the workshops. The frame is first erected and the roof fixed, allowing work to proceed under cover. The 15-ft. bays are subdivided by two mullions wide enough to take a partition, making re-arrangement of partitions at any time a simple matter. Connections between departmental blocks have generally load-bearing, brick, cavity walls. Steel sections are reduced as much as possible by adopting light forms of infilling. Roofs in general are hollow-tile reinforced concrete, covered with bituminous roofing material finished green-grey. Panels at ground floor are chiefly 11-in. brick cavity walling, and above are lime-cement rendering on 3-in. hollow-tiles, with cavity, and 3-in. wood-wool slabs plastered. Upper floors are hollow-tile reinforced concrete.

Exterior cover to stanchions is by eggshell-glazed, enamelled, pressed steel sheeting.

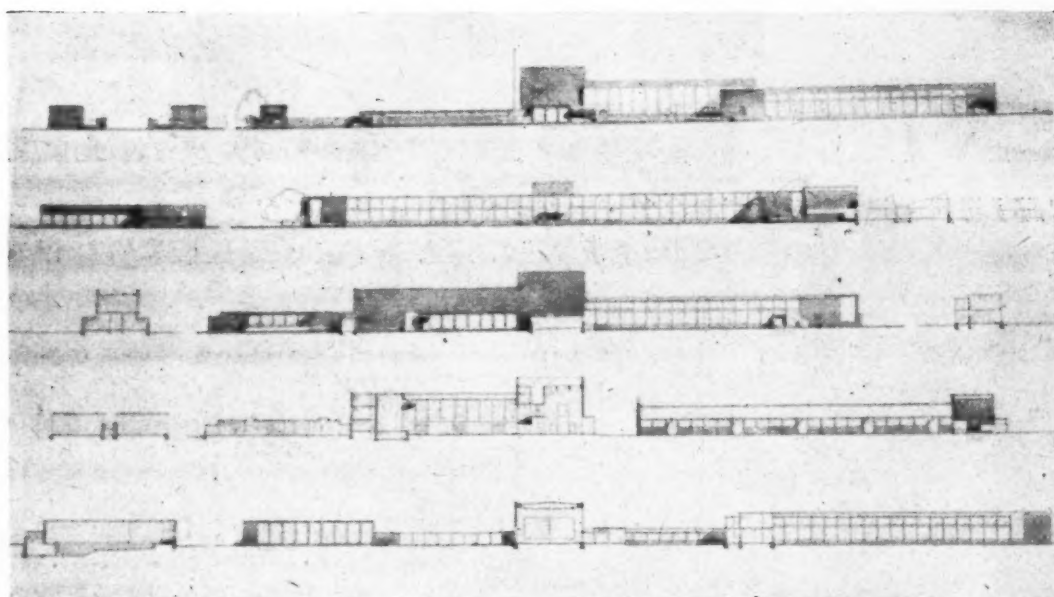
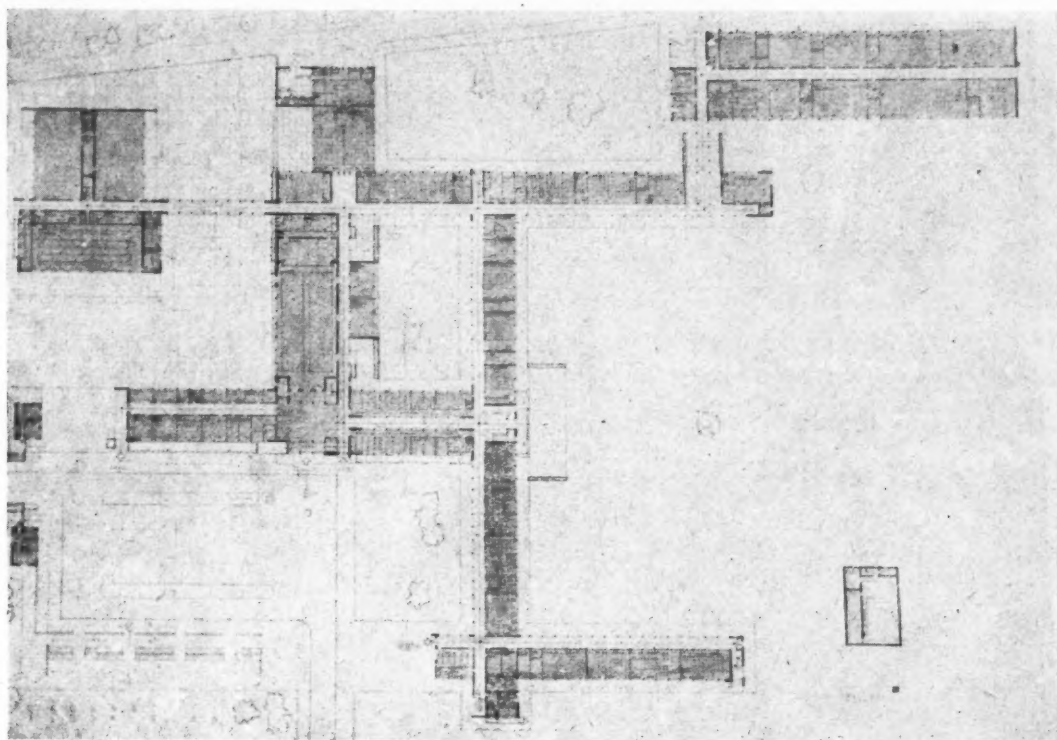
The facing over the main entrance is plain clay tiles having a dull glaze, surmounted by a plaque bearing the City coat of arms on a decorative background.

Fittings are sturdy and finishes capable of standing up to the considerable wear and tear to which this building is likely to be subject.



LYONS AND ISRAEL SECOND PRIZE (£250)

The second prize scheme. Top, ground floor plan, bottom, the elevations.



PETERBOROUGH TECHNICAL COLLEGE
C O M P E T I T I O N D E S I G N S



Top, *The Cheerful Lion*, the symbol on direction signs and *The Tired Lion*, the symbol on "Way-out" notices; top right, view of *The Commodity Hall* showing pinnacles; bottom, the exit corridor.



ENTERPRISE SCOTLAND

CHIEF ARCHITECT: BASIL SPENCE

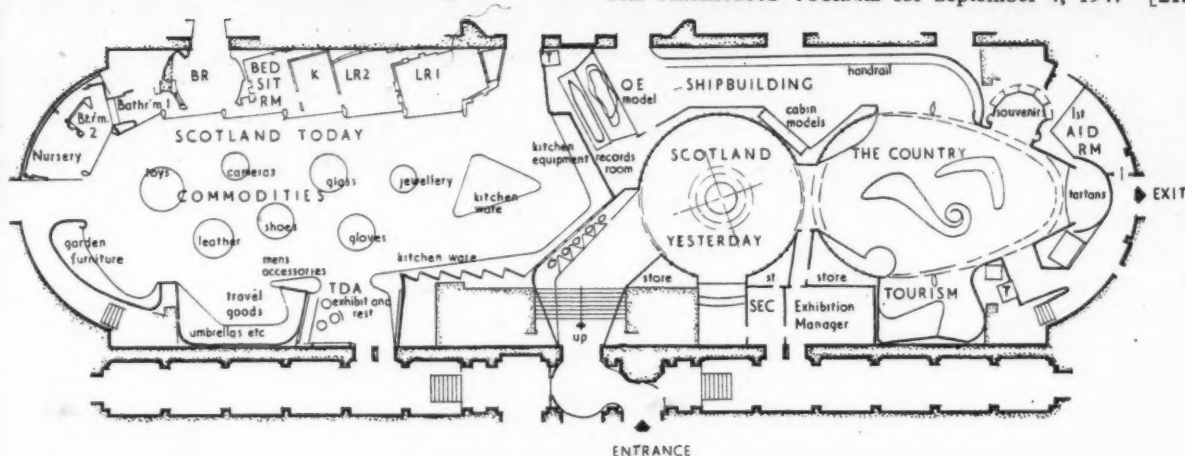
CHIEF DESIGNER: JAMES GARDNER



The aim was to display Scottish industrial products selected for good design, in such a way as to inspire the visitor with confidence in Scotland's ability to produce more and more of such goods.

The promoters were fortunate in obtaining 33,000 square feet of exhibition space in the Royal Scottish Museum, Edinburgh, in which, ready planned, were spacious halls, wide corridors, generous entrance doorways, and adequate staircases and public lavatories. The problem thus resolved itself into planning a simple circulation from the main entrance and back to the principal exit, and in allowing the unused parts of the museum still to function as a museum. It was decided to depend on artificial lighting. This enabled the

whole exhibition to be enclosed virtually within a shell of opaque materials and thereby to obtain its own atmosphere and an interior architecture utterly unlike that of the museum building. The generous vertical space of the building is exploited by carrying the four main halls up to heights varying from 40 to 70 feet. The "ceilings" and "sides" of these halls are of fabric, hung by wires from the cast-iron frame of the building. At the main entrance rotunda, under a tall fabric dome, hangs a gigantic figure of St. Andrew and opposite a large gilt plaster sculpture representing the young Scottish man and woman. Leading from the rotunda is a hall where leather goods and sports equipment are displayed against a



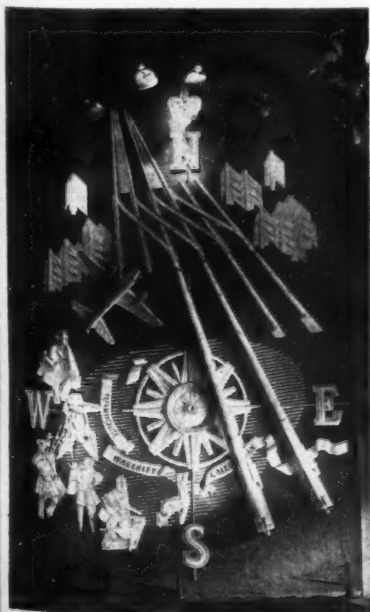
background of light wood veneer panelling under a ceiling on which a large map of Scotland indicates where these things are made. A tunnel lined with models of ships leads into the Hall of Textiles—dominated by a colossal figure in plaster called "Jenny Weave."

In the next hall manufactured goods are exhibited, and along one side a row of typical modern room interiors designed by Scottish architects. From this hall one passes into the restaurant. The brighter colours of a mural painting behind the counter focus attention at one end.

Finally, there is the "Scotland To-morrow" Hall—presented by the Department of Health for Scotland. This section contains exhibits of a plan for revitalising highland life through hydro-electricity and intensified agriculture, and a development plan and model of a typical New Town set in Scottish scenery.

The exhibition remains open until the beginning of October.

Top, plan of main hall; middle, "Scotland To-morrow" Hall; bottom left, the entrance, symbolising travel through the ages in Scotland; right, the restaurant.



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.

4.22 planning: urban and rural NEW TOWN, TRANSVAAL

The Creation and Planning of Vanderbijl Park. H. J. van der Bijl. (Town and Country Planning, Summer, 1947, pp. 64-68.)

Article describing planning proposals for new industrial town in Transvaal. Site plan.

Acquisition of site for large steel works. Formation of public utility company to further planning, establishment and layout of townships along lines of modern garden city development. Town of Vanderbijl Park projected as well-balanced unit for ultimate population of 200,000. Description of area and topography. Selection of site for and construction of water and sewage works. Division of town into some twenty self-contained residential districts separated from each other by tree-lined boulevards 130 ft. wide. Boulevards to accommodate fast-moving traffic, thus creating quiet residential quarters within neighbourhood areas, served by minor roads only. Proposed mixed development consisting of single houses and blocks of flats. Reservation of 200 acres for layout of civic and business centre. Establishment of five non-European residential areas in close proximity to industrial areas. Division of industrial areas into areas for clean and heavy industries. Ample space for parks and recreational facilities. Creation of defined greenbelt zone around perimeter of town. Site plan showing proposed layout of area with European town as one compact unit and with large industrial areas bordering it interspersed with non-European townships.

12.6 materials: metal SHEET ZINC

Notes for Plumbers and Zinc Workers on the Working of Sheet Zinc for Building. (Zinc Development Association.)

Fourteen page illustrated booklet dealing with the working of sheet zinc and zinc roofing practice.

These notes are in effect a precis of lectures arranged by the Zinc Development Association, and the information given is directed towards the tradesman rather than to the architect. Nevertheless there are many facts included in the notes which would be useful to the architect and which would help especially in equipping him to give proper supervision to sheet zinc work in practice.

A short list of government Z D A publications of interest to plumbers and zinc workers is given at the end.

14.7 materials: concrete PORTLAND CEMENT

Low Heat Portland Cement. B.S. 1370: 1947. (British Standards Institution, 3s. 6d.)

Description of testing procedure for special cement having low heat of hydration.

This Standard deals with the sampling and testing of a type of Portland cement intended for use in structures such as dams, where large masses of concrete have to be placed. Excessive shrinkage frequently occurs when normal Portland cement is used in this type of structure due to the generation of heat in the mass during hardening. The main property of the cement defined in this Standard is therefore its low heat of hydration. Maximum strength in the cement, though ultimately no less than would be obtained with normal Portland cement, develops much more slowly. This Standard is mainly of interest to engineers.

17.15 construction: general EXPERIMENTAL RESEARCH

A Survey of the Work being carried out by the Commonwealth Experimental Building Station. (Pamphlet issued by the Department of Works and Housing, Commonwealth of Australia, Experimental Building Station.)

History, aims, short description of various systems of unorthodox houses developed or investigated. Principles and methods of research. Organisation.

The Commonwealth Experimental Building Station was first established in 1944, and was set up on its permanent 40-acre site at North Ryde, late in 1945. Its aim is not only to investigate non-traditional house construction, but also to improve traditional domestic structures. It is estimated that the building of some 80,000 housing units per annum is required in Australia during the next ten years. This need is many times greater than could be satisfied by traditional methods. The Station has developed a pre-fabricated steel bungalow, and attempts to develop further the use of concrete blocks.

It has erected an experimental house in no-fines concrete, and is investigating rammed earth construction. It has also built an experimental house in which the external brick walls carry all roof and ceiling loads. In view of the present critical conditions of timber supplies it suggests that for roofs the use of light trusses made of structural steel sections would be less expensive than that of orthodox timber framing.

The Building Station has already issued several reports on the results of its activity, and is building up an information service for free use by organisations and individuals engaged in the building industry.

21.11 construction: miscellaneous CONCRETE ROADS

Construction of Concrete Roads. (Handbook issued free by Cement and Concrete Association, 1946.)

Principles of design, formwork, plant, details and methods of construction, materials, maintenance, special types of construction.

This booklet contains a summary of data on concrete road construction based on recent experience and derived from the findings of scientific societies in England and other countries. It deals with questions concerning the general arrangement of roads, such as location, layout, drainage, foundation, sub-base, describes the plant required for the construction of concrete roads, the various methods of mixing, delivering, placing and compacting concrete, and gives formulae and suggestions for determining the thickness of the slab and the spacing of joints. Joints are an essential feature of concrete roads. Their design must still depend largely on experience, and further research is necessary to provide more exact data. Several of the most commonly adopted types of joints are shown. A diagram with an analysis of the possible causes of typical cracks is of particular interest.

The booklet is a useful guide for the design and construction of concrete roads.

23.38 heating and ventilation INSULATION

Thermal Insulation. D. W. Saunders, A.R.C.S., B.Sc., and A. Pott, A.R.I.B.A. (Building Digest, July, 1947.)

Article by two members of staff of Building Research Station based on latest research. 11 pp. Illustrated.

A useful description of the value of thermal insulation both as a means of saving fuel and as a means of improving comfort. Starting with definition of terms used, the authors explain methods of calculation of heat losses. The other advantages of heat insulation, such as improvement in personal comfort, freedom from condensation, and freedom from pattern staining are then discussed. Particular attention is given to the subject of condensation, and the dangers of condensation in external walls is mentioned. This is an aspect of heat insulation which is given considerable attention in America, but on which there has been very little previous information from this country. A clear and valuable explanation of the way in which temperature gradient across a wall affects the probability of condensation is given and is a most useful basis for designers, particularly those considering the use of new forms of construction in which there is an outer wall skin of an impervious nature.

The thermal properties of materials are briefly discussed and a short table of conductivity and resistivity values for common materials is included. A very short note on the reduction of solar heat gain clearly explains the fundamental principles.

Except for the fairly full treatment of condensation in walls, the article does not contain anything which has not been

In a changing world . . .



Above: The First Class Smoking Saloon of the P. & O. Liner 'Mooltan'.

Timber endures

"All arts and artisans whatsoever, must fail and cease, if there were no timber in a nation," wrote John Evelyn in the 17th Century—a truth that is carved indelibly in the structural and decorative productions of all ages. To-day, designers and craftsmen enjoy a far wider selection of timber and timber manufactures than ever before . . . including hardwoods and veneers from all over the world, water resistant plywood (flat, shaped or metal faced) and the advantages inherent in modern kiln drying, fireproofing, etc.



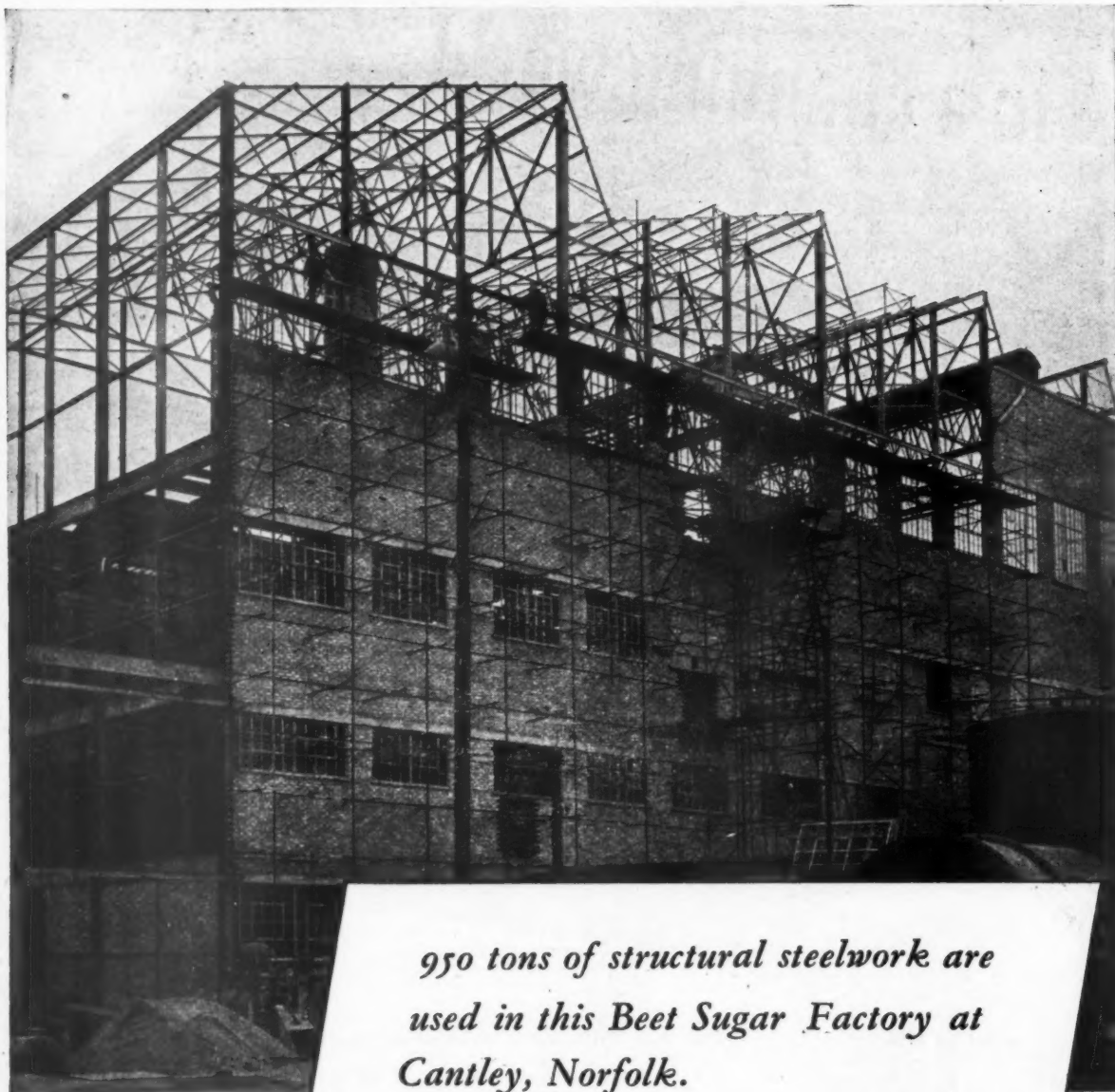
WILLIAM MALLINSON & SONS LTD

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TELEPHONES (Private Exchange)
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SHOREDITCH 8811 (5 lines)

TELEGRAMS & CABLES
'ALMONER'
LONDON



950 tons of structural steelwork are used in this Beet Sugar Factory at Cantley, Norfolk.

One of the many post-war projects whose design and construction has been entrusted to Boulton and Paul.



Boulton & Paul Limited

Craftsmen in Steelwork

LONDON

NORWICH

BIRMINGHAM

PRICES

This regular feature, prepared by Davis, Belfield and Everest, Chartered Quantity Surveyors, summarises basic prices for materials and gives labour rates for the London District and Grade Classifications outside London. In the past, prices for materials have been expressed as a percentage over pre-war rates. This practice is no longer being continued as it is felt that pricing by references to pre-war standards can now be considered obsolete. Detail prices of materials are given quarterly.

BASIC MATERIALS	BASIC PRICES AND RATES OF WAGES, 1947							
	Jan.	Feb.	March	April	May	June	July	August
Portland Cement (6 tons and over) per ton	55/-	55/-	55/-	55/-	55/-	55/-	56/-	56/-
Bags per yd. cu.	7/-	7/-	7/-	7/-	7/-	7/-	9/-	10/-
2-in. unscreened ballast per 1,000	14/-	14/-	14/-	14/-	14/5	14/5	14/5	14/5
Fletton bricks (at station) per 1,000	70/-	70/-	70/-	70/-	70/-	70/-	70/-	69/-
Stoneware drain pipes (British standard, 2 tons and over).								
Standard list + per 1,000	37½%	37½%	37½%	37½%	37½%	37½%	37½%	37½%
Roofing tiles per 1,000	90/-+	90/-+	90/-+	90/-+	90/-+	90/-+	90/-+	90/-+
Steel joists (basic sections ex mills) per ton	£16 12s.	£16 12s.	£16 12s.	£16 12s.	£16 12s.	£16 12s.	£16 12s.	£16 12s.
Lime greystone	74/9	74/9	74/9	74/9	79/9	79/9	79/9	82/3
Sheet lead (5 cwt.-1 ton lots)	£85	£85	£85	£106 15s.	£106 15s.	£106 15s.	£106 15s.	£106 15s.
Iron rainwater goods and soil pipes .. List 3100 AB+	54%	54%	54%	54%	54%	54%	54%	54%
White lead paint per gallon	36/3	38/9	38/9	42/9	42/9	42/9	42/9	42/9
RATES OF WAGES (LONDON)—								
Within 12 miles radius								
Craftsmen per hour	2/7½	2/7½	2/7½	2/7½	2/7½	2/7½	2/7½	2/7½
Labourers	2/1½	2/1½	2/1½	2/1½	2/1½	2/1½	2/1½	2/1½
From 12-15 miles radius								
Craftsmen	2/7	2/7	2/7	2/7	2/7	2/7	2/7	2/7
Labourers	2/1	2/1	2/1	2/1	2/1	2/1	2/1	2/1

Prices of materials above include for delivery to site in the Central London Area, and the rate of wages are for London only.

Current rates of wages outside London are as follows: Liverpool and District, Craftsmen 2/7½;

Labourers 2/1½.

GRADE CLASSIFICATIONS

	A	A ¹	A ²	A ³
Craftsmen	2/6	2/5½	2/5	2/4½
Labourers	2/-	1/11½	1/11½	1/11

T. A. Davis

F.S.I., F.I.Arb.

described before, but as a short general note on the subject of thermal insulation it is useful as being simple and straightforward, and authoritative.

24.38 lighting LIGHT FITTINGS (PORTABLE)

Basis for the Selection of Values Used in the Lighting Performance Recommendations for Portable and Installed Luminaires. By D. L. Ripley. (Illum. Eng. [USA], May, 1947, p. 563.)

Shielding angles, permissible brightness, efficiency standards and the distribution of light. Interesting and useful article. Illustrated.

This paper describes the work upon which was founded the recent recommendations of the American L.F.I. Committee dealing with the design of light fittings. The recommendations were divided into five groups, as follows.

1. Determining the shielding angles in terms of the probable positions of viewing the fitting and its location.
2. Permissible brightness of the fitting from normal viewpoint.
3. Proper minimum efficiency.
4. Classification of illumination levels required for the conditions in homes, and standard conditions for measurement.
5. Distribution of light from the fittings.

There is every evidence here that careful and sensible work has been done by the American Committee. They understand in what respects people want freedom of choice and where they expect the expert to protect them from silly designers following nothing better than their idea of taste. They have also satisfied themselves that, though the specifica-

tions may not be perfect (there are gaps in the necessary knowledge), they work reasonably well, and result in good fittings without unduly restricting the good designer. It looks as though this is just one more field where the Americans are taking the initiative, and they will lead and we will follow; which is regrettable when one recalls that the DSIR Committee on the Lighting of Buildings (Post-war Study Report No. 12) recommended three years ago the preparation of a British Standard covering just such criteria. Where is the British Standard?

25.31 water supply and sanitation HEALTH LAW RELATING TO OFFICES

Inspection of Office Accommodation. R. S. Cross. (The Sanitarian, July, 1947, Vol. 55, p. 327.)

Attempt at practical interpretation of existing law—chiefly Sections 43-46 of the Public Health Act, 1936—governing sanitary standards for offices. Discussion of what constitute reasonable standards and practical application of these. Particular reference to old and converted buildings. Of interest to those undertaking alterations and conversions, although standards suggested seem minimal.

25.32 water supply and sanitation STANDARD DUSTBINS

Mild Steel Dustbins. B.S. 792:1947. (British Standards Institution. 2s.)

Revision of existing Standard. Capacities remain at 1, 2, 2½, and 3½ cubic feet: leading

dimensions unaltered. Revisions to handles and design of top rim to provide increased strength and permit manufacturing alternatives. Standard shape of uncorrugated taper sides as before; hygienic advantages of this type are important.

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

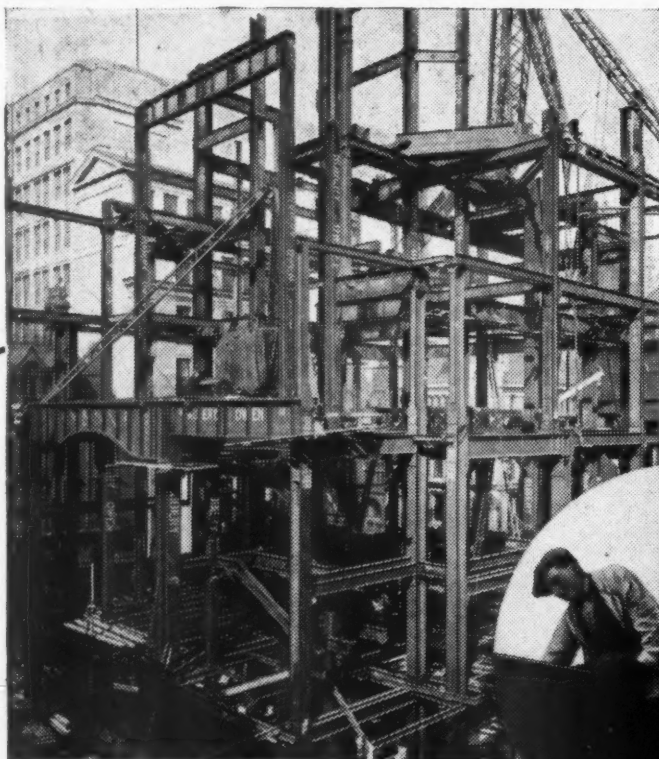
2909 PRICE OF SCHOOLROOMS

Q What is the foot cube price (based either on 1939 or current standards) of a single storey steel framed building 10 ft. 6 in. bays, about 36 ft. span, non load bearing 11 in. cavity walling, concrete floors and flat roofs finished with 1½ in. wood block and asphaltic bitumen respectively; walls and ceilings plastered; first decorations included, low pressure water heating system, metal windows. Suitable for schoolrooms or the equivalent.

A A fair price to-day would be 2s. 10d. per foot cube.

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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]

REVISED PRIORITIES . . .

Starting from the beginning of this month, the whole system of priorities has been revised by S.R. & O. No. 1698, 1947. It is now an offence to acquire, or seek to acquire, or to supply, quantities in excess of those authorised by a priority certificate. All this sounds very familiar, but there are one or two notable differences which should be clearly understood. First of all, the new scheme is compulsory, and provides rigid control over a reduced list of only twenty odd materials as against the old voluntary arrangement with a list of nearly 100. Form filling is somewhat simplified, and there is only one form to fill in instead of four, and, as before, W.B.A. priority for labour will automatically give priority for materials.

The list, in as condensed a form as possible, includes most types of building brick in quantities of more than 1,000, cast iron or asbestos cement rain water goods and fittings and soil pipes and fittings in the same materials, hardwall plaster, plasterboard, sanitary fittings, sinks not made of stainless steel, lead and copper pipe, lead sheet, solid fuel heating and cooking appliances (but not including heat storage cookers), metal conduit, boxes and sockets, and wall and ceiling switches of all kinds.

From the beginning of next month it will also be an offence for any supplier to deliver material against a non-priority order if he has any priority orders unfulfilled, and this applies as well to orders issued under the old scheme. It is also interesting to note that suppliers are encouraged to offer substitutes if the specified article is not available, or is likely to be delayed. In the days before the war architects spent a lot of time fighting this sort of thing, but I am glad to note that the purchaser is not compelled to accept the substitute, though I have little doubt that it will be necessary to do so to get the job finished.

Priority will also be given to emergency repairs (e.g., defective sanitary arrangements), but if the urgency is such that it is not possible to wait for the issue of a certificate, the supplier is entitled to accept a declaration of urgency in the approved form and carry on as though he had a priority symbol.

In the small space available here it is almost impossible to comment on the smaller details of the Order, but it should be added that it is now an offence ("seeking to acquire") to place an order with two suppliers and then take the first delivered. If work is being held up owing to delays, you tell the MOW Regional Materials Distribution Officer, who will take what is now called "progressing action." In the same way he is supposed to help you find a supplier who can give a suitable delivery date. The best thing to do is to read the order through and get the explanatory memorandum as well.

. . . AND UNREVISED TARGETS

The *Economist* of a fortnight ago contained a very interesting letter from Mr. Ely Devons of the Economic Research Section, Manchester University. Quoting Mr. Bevan as saying that "bricks are now being stacked

on sites, and certain brickyards are closing down because they cannot get orders," Mr. Devons points out that the output of bricks from January to May was only 75 per cent. of the programme figure, and that stacking on sites is due more to the failure of house building than to the success of the brick-makers. He adds a table showing the percentage achieved in various building component groups, many of which have done better than bricks, and some of which have exceeded their targets by a handsome margin. He suggests that, however attractive it may be to build up a stock of components and make distribution easy and to guard against possible lapses in production, it is folly to base component output on a housing target which is obviously not being reached.

Now that the dollar crisis is upon us, and the housing effort is to be "re-deployed," would it be unreasonable to suggest that a Government which supports the idea of a realistic basis?

METAL WINDOWS

Hopes have just issued a new list (No. 241) of a range of standard metal windows with a wide flange frame bar for use in houses with walls rendered in rough cast or harling, and where the designer wishes to use a standard window without a wood surround or steel sub-frame. The wide flange gives ample room for the wall finish without burying the hinges and allows a sound joint between the brickwork and the frame.

Since the practice of harling is more common in Scotland, Hopes have arranged for the wide flanged types to be made at Paisley by their associates, the Scottish Metal Window Co. The only difference between these and the standard windows to BSS 990 is that height and width are increased by 1 inch overall. Where composite units are supplied with coupling mullions and transoms, the wide flange bar is only used round the perimeter so as to avoid a heavy looking width of steel at the coupling members. Height and width of the complete window are therefore increased by one inch as before, plus the usual $\frac{1}{8}$ th for each coupling member. Glass sizes are the same as for ordinary windows, and the windows are, like the rest of Hope's output, rustproofed by hot dip galvanising. (Henry Hope and Sons, Ltd., Smethwick, Birmingham.)

PACKAGE KITCHENS

The Aluplex package kitchen has been referred to before in these Notes at the time of the Ideal Home Exhibition, but it is not perhaps so generally known that the manu-

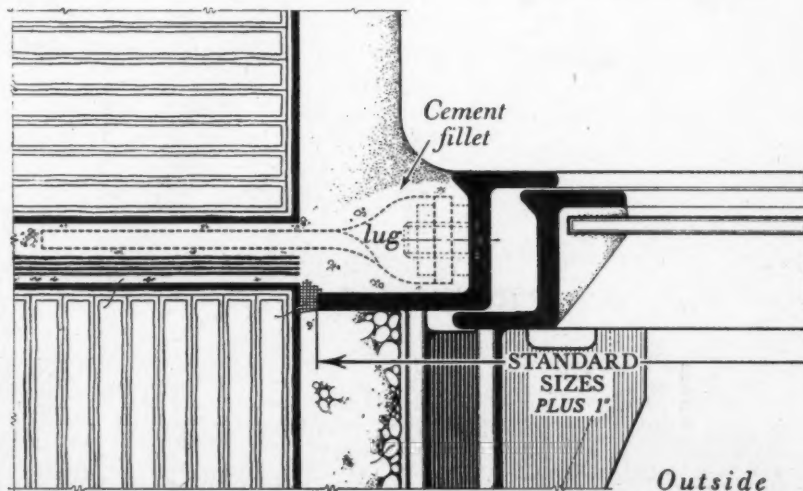


Aluplex package kitchen.

facturers produce a number of kitchen cabinets, cupboard and draining board units, all to BS sizes. Panel structure is generally a double skin of light alloy sheet with a sound-deadening filling. It is perhaps worth mentioning once more that these units, and the package kitchen, are available without permits, and that delivery times are good. The price of the gas kitchen complete with Main cooker, Electrolux refrigerator and Ascot sink heater being £129 plus purchase tax. (Julius Trup and Co., Ltd., Park View Road, Tottenham, London, N.17.)

OLYMPIA NEWS

By the time these notes appear, the Engineering and Marine Exhibition will be open at Olympia. Many of the firms associated with the building industry are exhibitors, and the show is well worth a visit, if only to obtain general information about industry as a whole. At the same time, there will be an "Industrial Wales" exhibition, also at Olympia, sponsored by the Industrial Association of Wales and Monmouthshire, and intended, among other things, to demonstrate the wide variety of products now manufactured there. One can only hope that it will show a considerable improvement over the rather pathetic effort recently staged at the Horticultural Hall, where the standard of design was quite lamentable.



Sectional plan of Hope's wide flange window.

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

The Board of Trade announces the appointments, as additional members of the Council of Industrial Design, of Mr. Noel Carrington, director of Royle Publications, Limited, and Mr. C. K. F. Hague, managing director of Babcock & Wilcox, Limited. Mr. Carrington was a member of the council, Design and Industries Association, from 1928 to 1947 and was chairman in 1930. Mr. Hague is a member of the Council of the Institution of Mechanical Engineers, and vice-president of the British Engineers' Association.

Mr. Robert F. Fairhurst, DIPL. ARCH. (L'POOL). A.R.I.B.A., at present Chief Assistant Architect in the City Architect's Department, Exeter, has been appointed Deputy Borough Architect, County Borough of Bournemouth.

Mr. Reginald W. Brown, A.R.I.B.A., recently appointed architect to Hewitt Bros., Ltd., Tower Brewery, Grimsby, Lincs., would be glad to receive trade catalogues appertaining to licensed premises.

Commencing Tuesday, August 5, the address of the Area 5 (London) Office of the Timber Control will be: 7, Crosby Square, Bishopsgate, E.C.3. Telephone: AVenue 5282. Telegrams: Timbrarea, Stock, London.

Buildings Illustrated

Factory for Gnome Photographic Products Ltd., Cardiff. (Pages 207 to 210.) Architect, Sir Percy Thomas and Son. General

Contractor, Wm. Cowlin and Sons Ltd., Cardiff. Clerk of works, Mr. A. Hance. Sub-contractors: Western Trinidad Asphalt Co. Ltd., asphalt. British Reinforced Concrete and Engineering Co. Ltd., Stafford, reinforced concrete. Tondur Brick Co. Ltd., Aberkenfig, Glam., bricks. The Penarth Concrete Co., Lower Penarth, Glam., artificial stone. Connies and Meaden Ltd., Cardiff, structural steel. Turners Asbestos Cement Co. Ltd., Cardiff, special roofings. Henry Hope and Son Ltd., Birmingham, patent glazing, casements and window furniture. Robinson David Ltd., Cardiff, woodblock flooring. Z. D. Berry and Sons Ltd., Regency Street, S.W.1, central heating. Drake and Gorham Ltd., Grosvenor Gardens, S.W.1, electric wiring. Z. D. Berry and Sons Ltd., ventilation. Associated Clay Industries Ltd., sanitary fittings. James Gibbons Ltd., Wolverhampton, door furniture. Haskins Rolling Shutters, E.17, rolling shutters.

O b i t u a r y

We regret to record the death at the age of 86 of Mr. Ernest J. Brown. Mr. Brown was President of the London Master Builders' Association as long ago as 1903, and President of the National Federation of Building Trades Employers in 1909. At the end of the 1914-18 war, during which he was adviser to the Government on building matters, he was appointed Director of the London Master Builders' Association, a position which he held until 1933. Among the many other offices he held during his long career were the presidency of the Institute of Builders in 1913-14, and the chairmanship of the London Regional Joint Committee from 1922 to 1940.

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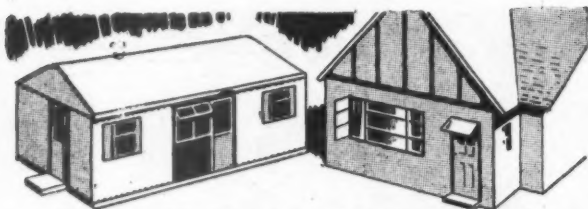
The services of these specialists are available—entirely without obligation, of course—to all concerned in the planning and equipment of kitchens for hotels, hospitals, canteens and similar establishments.

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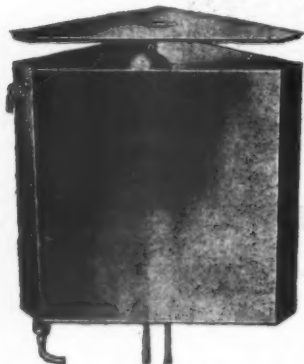


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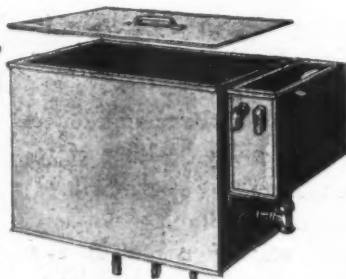


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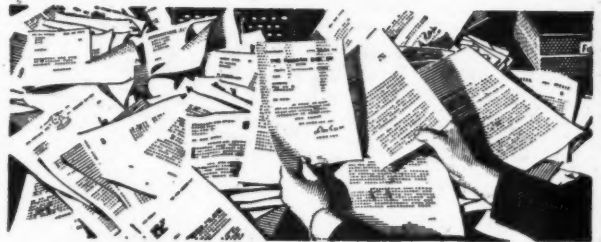
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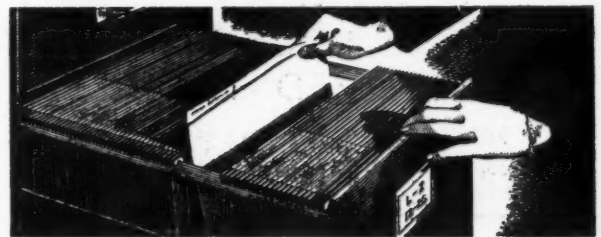
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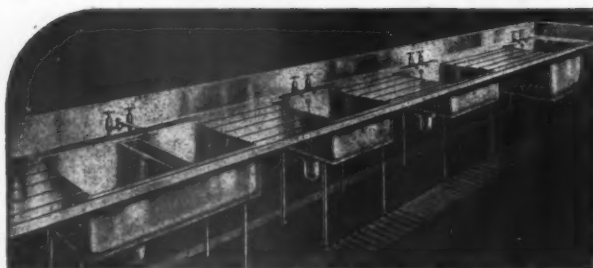


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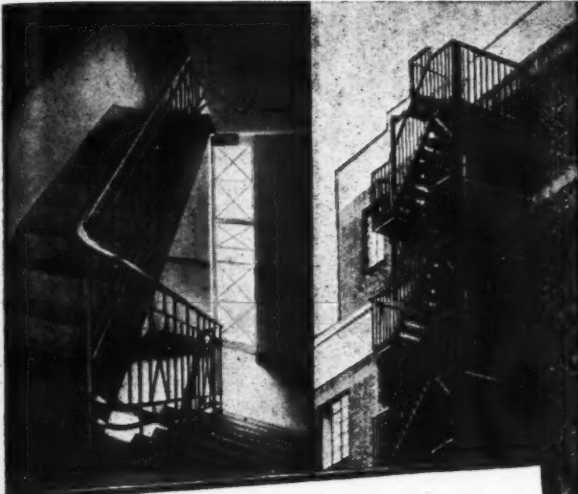


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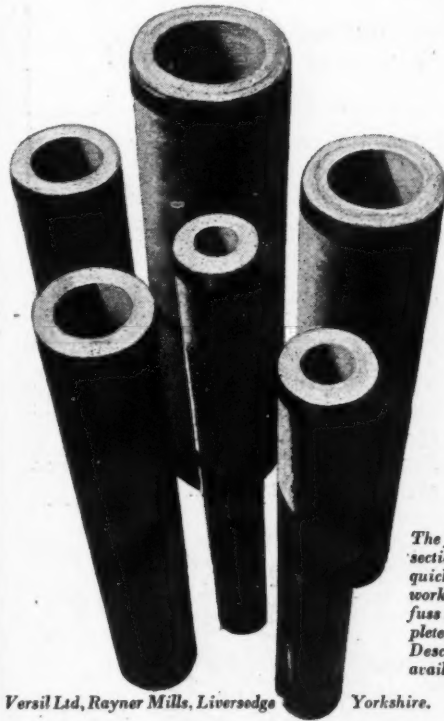
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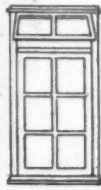
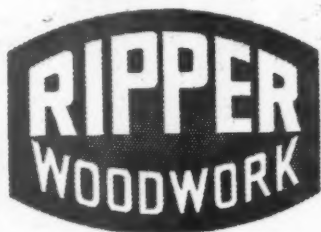
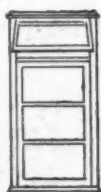
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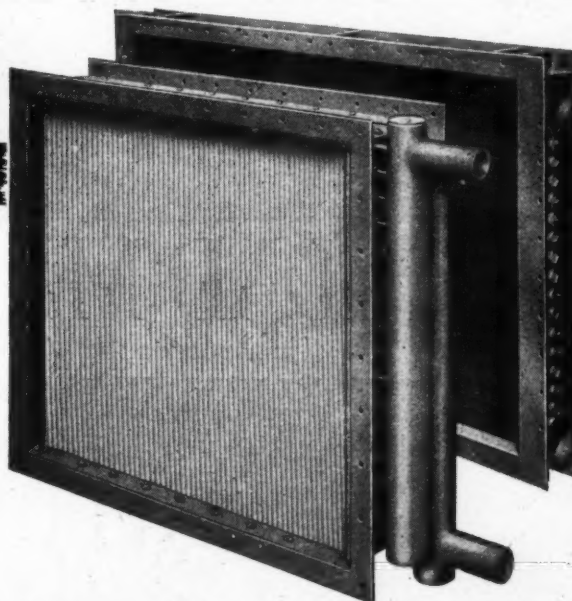
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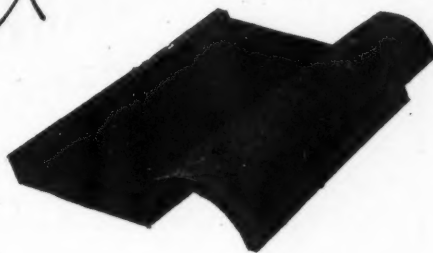
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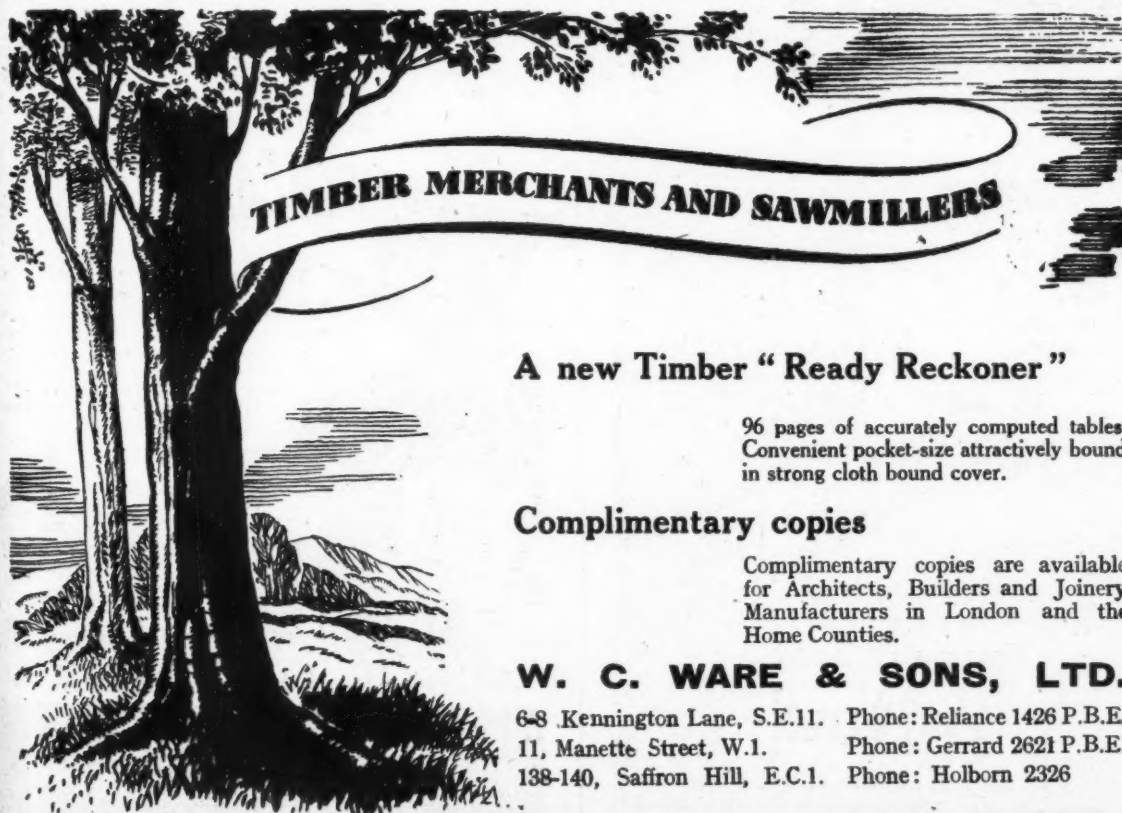


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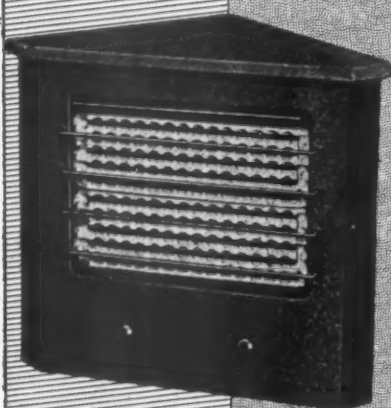
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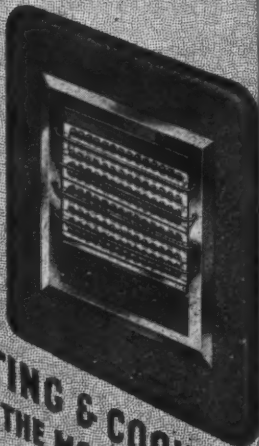
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SESSION 1947-8

Part-time day classes commence September 15th, 1947.

Evening classes enrolment, September 15th-19th, 1947.

Evening classes commence September 22nd, 1947.

National certificate courses (day or evening) in General Building, Building Administration, Quantity Surveying and Building Surveying, Sanitary Engineering, Structural Engineering (Steelwork or Reinforced Concrete), Civil Engineering.

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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

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

THE INCORPORATED ASSOCIATION OF ARCHITECTS AND SURVEYORS maintains a register of qualified architects and surveyors (including assistants) requiring posts, and invites applications from public authorities and private practitioners having staff vacancies. ADDRESS: 75, EATON PLACE, LONDON, S.W.1. TEL. SLOANE 5615. 991

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 a year.

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

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

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

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

Canvassing disqualifies. (1690) 535

CORPORATION OF LONDON.
CITY SURVEYOR'S OFFICE.
APPOINTMENT OF TECHNICAL STAFF.

Applications are invited for the following appointment in the City Surveyor's Office:—
ASSISTANT ARCHITECT AND SURVEYOR.

Salary up to £475 p.a. (inclusive of consolidated bonus), according to age, qualification and experience.

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

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

Previous experience with a Municipal body is not essential.

Applications, endorsed "Technical Staff," to be made to George Holliday, F.S.I., City Surveyor, 25-27, Moorgate, E.C.2, giving the following particulars: Service with Armed Forces, age, qualification or intentions in connection therewith, previous training positions and experience, date when available to commence duties if selected, together with copies of two testimonials. 979

CUMBERLAND COUNTY COUNCIL.
APPOINTMENT OF SENIOR PLANNING ASSISTANT.

Applications are invited for the position of Senior Planning Assistant, at a salary of £460 per annum, rising by annual increments of £15 and £20 to £510, plus cost-of-living bonus (at present £59 16s. per annum), and a car and subsistence allowance in accordance with the County Council scale.

The appointment is subject to the Local Government Superannuation Act, 1937, and the successful candidate will be required to undergo a medical examination, the appointment to be 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 will be an advantage. The commencing salary on the grade will be determined according to the candidate's previous experience.

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 copies of three recent testimonials, and endorsed "Senior Planning Assistant," should be sent to the County Planning Officer, Citadel Chambers, Carlisle, not later than Wednesday, 10th September, 1947.

G. N. C. SWIFT,
Clerk of the County Council.
The Courta, Carlisle.
10th August, 1947. 638

LONDON COUNTY COUNCIL.

Required, at Hammermith School of Building and Arts and Crafts, Lime Grove, Shepherd's Bush, W.12, to commence 12th January, 1948, full-time temporary TEACHER OF CARPENTRY AND JOINERY and Associated subjects, for work in the Secondary Technical School.

Applicants should have passed the City and Guilds' Full Technological Certificate, and have had good trade experience.

The appointment will be temporary pending revision of fixed establishment. Salary Burnham Scale, plus London allowance. Application forms from the Principal at the School (stamped addressed foolscap envelope necessary), returnable by 30th September, 1947. (2559) 685

LONDON COUNTY COUNCIL.

Required, at the Brixton School of Building, Ferndale Road, S.W.4, as soon as possible, Four Full-time LECTURERS, qualified to teach subjects selected from the following:—(a) Building Construction, (b) Quantity Surveying, (c) Land Surveying, (d) Structural Engineering, (e) Architectural Design. The appointments are temporary in the first instance, but may subsequently be made permanent. Commencing salary £300 p.a., and a London allowance of £35 or £48, according to age or teaching experience, plus an addition of £15 p.a. for each year of approved industrial experience up to a maximum of ten years, together with an increment for each year of previous full-time teaching service. The maximum is £555, plus the London allowance. Application forms from the Principal at the School. (2705) 633

COUNTY OF WARWICK.
COUNTY ARCHITECT'S DEPARTMENT.
ASSISTANT QUANTITY SURVEYOR.

Applications are invited for the above-mentioned post on the Established Staff, at a commencing salary of £480, rising by increments of £25 and £30 to £535, plus cost-of-living bonus, at present £59 16s.

Applicants should have a good technical education, and experience in the preparation of variation accounts, the analysis of prices, and the preparation of approximate estimates is essential. Preference would be given to a member of the Royal Institute of Chartered Surveyors, but this is not essential.

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

Application forms can be obtained from and should be returned to C. H. Elkins, County Architect, Shire Hall, Warwick, by 16th September, 1947.

L. EDGAR STEPHENS,
Clerk of the Council.
Shire Hall, Warwick.
August, 1947. 642

BOROUGH OF HESTON AND ISLEWORTH.
Applications are invited for the following appointments, in the Department of the Borough Engineer and Surveyor:—

(a) CHIEF PLANNING ASSISTANT.
Salary in accordance with Grade VII of the A.P. and T. Division, at the rate of £575-£25-£650 per annum, plus London weighting of £20 per annum and cost-of-living bonus, at present £59 16s. per annum.

Applicants must have obtained the qualifying examination of the Town Planning Institute or an equivalent diploma in town planning recognised by that body. It will be an advantage if applicants hold additional examination qualifications of another professional institution of standing.

Applicants must have had considerable experience in Town and Country Planning, including the preparation of planning schemes and the operation of Interim Development Orders. Experience in the control of staff will be deemed an advantage.

(b) TWO SENIOR ARCHITECTURAL ASSISTANTS.

Salary in accordance with Grade V of the A.P. and T. Division, at the rate of £460-£15-£220-£510 per annum, plus London weighting of £20 per annum and cost-of-living bonus, at present £59 16s. per annum.

Applicants must hold the examination qualifications for the Associateship of the Royal Institute of British Architects or a University degree or diploma in architecture approved by the Institution.

Applicants must have had good experience in architectural design of a general character, and preference will be given to candidates experienced in housing and other local government work.

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

Forms of application may be obtained from the Borough Engineer and Surveyor, 89, Lampton Road, Hounslow, Middlesex, by sending a stamped addressed envelope. Applications on the forms provided, endorsed (a) "Chief Planning Assistant," or (b) "Senior Architectural Assistant," to be delivered to the Borough Surveyor not later than noon on Monday, 15th September, 1947.

Canvassing will disqualify.
HAROLD SWANN,
Town Clerk.
August, 1947. 632

HEPTON RURAL DISTRICT COUNCIL.
APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the position of Architectural Assistant to the above Council. The commencing salary will be at the rate of £400 per annum, plus cost-of-living bonus (£59 per annum).

The Council's permanent Architect is expecting to be retiring in the near future, and subject to satisfactory service the person appointed will be promoted to the position.

Applicants should be registered Architects, and should have had experience in the designing of municipal houses, the preparation of specifications and quantities, should be good draughtsmen, and have a sound knowledge of building construction.

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

Applications, endorsed "Architectural Assistant," stating age, qualifications and experience, and accompanied by two recent testimonials, should reach the undersigned not later than noon, on 17th September, 1947. Canvassing, either directly or indirectly, will be deemed a disqualification.

E. H. BLACKBURN,
Clerk to the Council.
District Bank Chambers, Hebden Bridge.
12th August, 1947. 649

WARWICKSHIRE COUNTY COUNCIL.
APPOINTMENT OF COUNTY PLANNING OFFICER.

Applications are invited for the appointment of County Planning Officer, at an annual salary of £1,400, rising by annual increments of £50 to £1,700, plus cost-of-living bonus in accordance with the Council's scale from time to time in force.

Applicants must be Corporate Members of the Town Planning Institute, and have had considerable experience in the preparation and administration of planning schemes. Preference will be given to persons who also possess a recognised qualification in architecture, civil engineering or surveying.

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

The person appointed will be required to use his own motor car in the service of the Council, and will be paid travelling and subsistence allowances according to the Council's scales.

Forms of application and any further particulars required may be obtained from the undersigned, to whom applications, with copies of not more than three testimonials, should be sent not later than the 29th September, 1947.

Canvassing, directly or indirectly, will be a disqualification.

L. EDGAR STEPHENS,
Clerk of the Council.
Shire Hall, Warwick.
30th August, 1947. 684

ANGLESEY COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following permanent appointments in the County Architect's Department:—

(a) ONE CHIEF ASSISTANT ARCHITECT. Salary, Grade VII, commencing at £575 per annum, and rising to £650 per annum. Applicants should be Registered Architects and members of the Royal Institute of British Architects, with considerable experience in the design of educational buildings, supervision of technical staff, etc.

(b) TWO SENIOR ASSISTANT ARCHITECTS. Salary, Grade V, commencing at £460 per annum, and rising to £510 per annum. Applicants should be Registered Architects, and preference will be given to members of the Royal Institute of British Architects, who should have had experience in the design of educational buildings, preparation of working drawings, specifications, etc.

(c) TWO ASSISTANT ARCHITECTS. Salary, Grade IV, commencing at £420 per annum, and rising to £465 per annum. Applicants should be Registered Architects, with good experience in general architectural work, and preference will be given to members of the Royal Institute of British Architects.

(d) ONE ARCHITECTURAL ASSISTANT. Salary, Grade I, commencing at £330 per annum, and rising to £375 per annum. Applicants should have passed the Intermediate examination of the Royal Institute of British Architects, and have had a good training in general architectural work.

Cost-of-living bonus, at present £59 16s. per annum is payable in addition to the salary scales quoted above.

The appointments will be subject to the provisions of the Local Government Superannuation Act, 1937, and to the successful candidates passing a medical examination. The appointments are also subject to 3 months' notice on either side in the case of appointment (a) and to one month's notice on either side in the case of appointments (b), (c) and (d).

Applications in plain envelopes, appropriately endorsed, stating age, training, qualifications, experience, and past and present appointments, accompanied by copies of three recent testimonials, should be delivered to the undersigned not later than Monday, 8th September, 1947.

WILLIAM JONES,
Clerk of the County Council.
Shire Hall, Llangefni, Anglesey.
15th August, 1947. 641

URBAN DISTRICT COUNCIL OF CRAYFORD.
ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment, at National Joint Council Scale of salary, A.P.T., Grade IV, £440-£515 to £485 per annum, plus war bonus, at present £59 16s. per annum. Applicants must have had experience in the preparation of plans, working drawings, specifications, and layouts for municipal housing schemes. Preference will be given to candidates who have passed the whole or part of the Royal Institute of British Architects' examination, or other recognized qualification.

Applications, on forms to be obtained from Mr. Francis Turner, Engineer and Surveyor, Town Hall, Crayford, Kent, should be received by him not later than 22nd September, 1947.

G. B. HODGSON,
Clerk of the Council. 709

METROPOLITAN BOROUGH OF
PADDINGTON.
HOUSING DEPARTMENT.

Applications are invited for the following appointments on the permanent establishment of the Council:—

(a) **ARCHITECTURAL ASSISTANTS (3).**—Appointments, graded III and IV, of the A.P.T. Division of the National Joint Council's Scheme of Conditions of Service, at commencing salaries of £410 per annum, rising by annual increments of £15 to a maximum of £485 per annum, inclusive of London "weighting," plus cost-of-living bonus, at present £59 16s. per annum for men and £48 2s. per annum for women.

Candidates must be suitably qualified, and preference will be given to Associates of the Royal Institute of British Architects, or those in an advanced stage of preparation for the final examination of that Institute.

(b) **CLERKS OF WORKS (8).**—Appointments in Grade III of the A.P.T. Division of the National Joint Council's Scheme above-mentioned, at commencing salaries of £410 per annum, rising by annual increments of £15 to £455 per annum, inclusive of London "weighting," plus cost-of-living bonus, at present £59 16s. per annum.

The duties, which will be carried out under the immediate direction of the Superintendent of Works, will include the supervision of new housing and other works; adaptation and repairs; and general maintenance; carried out either by direct labour or contractors.

Applicants must have had wide experience in a similar capacity, and preference will be given to those qualified by examination.

(c) **QUANTITY SURVEYORS' ASSISTANTS (4).**—Appointments, graded I and II, of the A.P.T. Division of the National Joint Council's Scheme above-mentioned, at commencing salaries of £350 per annum, rising by annual increments of £15 to a maximum of £425 per annum, inclusive of London "weighting," plus cost-of-living bonus, at present £59 16s. per annum for men and £48 2s. per annum for women.

Applicants should have experience in all branches of building work, and should be familiar with all aspects of a Quantity Surveyor's duties, including preparation of estimates, bills of quantities, abstracts, contract documents and cost statistics, and be able to measure up for interim and final certificates and to settle final accounts. Preference will be given to candidates preparing for the examination of the Royal Institution of Chartered Surveyors (Quantities Section).

All the above appointments will be subject to one month's notice on either side. The persons appointed will be required to pass a medical examination and to contribute to the Council's Superannuation Scheme.

In regard to appointment (a)—Architectural Assistants—forms of application and conditions of appointment can be obtained from the undersigned on receipt of a stamped, addressed, foolscap envelope, and they must be submitted to me, together with copies of three recent testimonials, not later than 22nd September, 1947.

No forms are being issued for appointments (b) and (c)—Clerks of Works and Quantity Surveyors' Assistants—and applications, stating age, qualifications and experience, together with copies of three recent testimonials, should be delivered to me not later than the 22nd September, 1947.

Canvassing, either directly or indirectly, will disqualify.

W. H. BENTLEY,
Town Clerk. 660

Town Hall, Paddington, London, W.2.
28th August, 1947.

BUCKS COUNTY COUNCIL.
ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments:—

(a) **ONE ASSISTANT ARCHITECT, A.P.** and T. Division, Grade VI, £535-£600 p.a., plus bonus, at present £59 12s. p.a.

(b) **TWO ARCHITECTURAL ASSISTANTS, A.P.** and T. Division, Grade III, £390-£435 p.a., plus bonus.

(c) **ONE JUNIOR ARCHITECTURAL DRAUGHTSMAN, General Division, £100-£300 p.a., plus bonus, £24 15s.-£59 12s. p.a., according to age.**

Details of these appointments and form of application may be obtained from F. A. C. Maunders, R.S.Dip.Arch., F.R.I.B.A., A.M.T.P.I., County Architect, County Offices, Aylesbury, to whom applications must be delivered not later than 22nd September, 1947. 669

MARTLEY RURAL DISTRICT COUNCIL.
APPOINTMENT OF ARCHITECT.

Applications are invited for the above appointment from persons qualified as Members of the Royal Institute of British Architects, at a salary in accordance with Grade VIII of the A.P.T. Division of the National Scheme of Conditions of Service, commencing salary £625 per annum, plus cost-of-living bonus. The person appointed will not be allowed to engage in private practice, and will be required to devote the whole of his time to the duties of the office. He will be required to provide and maintain a car for the purpose of his duties for which a travelling allowance will be paid in accordance with the Council's scale. The appointment will be subject to the National Scheme of Conditions of Service, and the provisions of the Local Government Superannuation Act, 1937, and to the successful applicant passing a medical examination, and will be terminated by three calendar months' notice on either side. Applications, endorsed "Architect," stating age, qualifications, and giving the names of three persons to whom reference can be made, should be delivered to the undersigned not later than 22nd September. Canvassing in any form will disqualify.

H. W. EVANS,
Clerk to the Council.
Council Offices, 1, The Tything, Worcester.
23rd August, 1947. 671

EAST SUSSEX COUNTY COUNCIL.

Applications are invited for the following appointments:—

(a) **A CHIEF ASSISTANT COUNTY PLANNING OFFICER,** with salary at the rate of £800 per annum, rising by annual increments of £50 to £900 per annum.

(b) **ASSISTANT COUNTY PLANNING OFFICER (Male or Female),** with salary on A.P.T. Grade VII (£575-£650 per annum).

Candidates for appointment (a) must be Corporate Members of the Town Planning Institute, and preference will be given to persons who also possess a recognized qualification in architecture, civil engineering or surveying. They must have had extensive planning experience in both urban and rural areas and in administration, and candidates selected for interview will be asked to submit for inspection positive plans and reports for the preparation of which they have been responsible.

The successful candidate will be required to act generally as Chief Assistant to the County Planning Officer and Deputy, but will be required particularly to supervise the administration of development control.

Candidates for appointment (b) must either be Corporate Members of the Town Planning Institute or possess a recognized qualification in architecture, civil engineering or surveying, and have had experience under a County Council or Joint Planning Committee.

They must have had considerable experience in the preparation of planning schemes and in the administration of interim development control. Candidates selected for interview will be asked to submit for inspection any positive plans and reports in the preparation of which they have assisted materially.

In the case of each appointment the salary will be plus a cost-of-living bonus (at present £59 16s. per annum for male persons and £48 2s. for female persons). Travelling and subsistence allowances in accordance with the scales approved by the County Council from time to time will be payable in addition to the salary.

The appointments, which are terminable by one month's notice on either side, are subject to the Local Government Superannuation Act, 1937, and a candidate to be successful must pass a medical examination to the satisfaction of the County Medical Officer. Canvassing, either directly or indirectly, will disqualify.

Application forms may be obtained from the undersigned, to whom they must be returned not later than the 20th September, 1947. A candidate who is related to a member of, or Senior Officer under, the Council must disclose the fact in his application.

H. S. MARTIN,
Clerk of the County Council.
County Hall, Lewes.
25th August, 1947. 676

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

Applications are invited for the appointment of a **QUANTITY SURVEYOR** at a salary in accordance with Grade V of the National Scales, viz., £460-£510, plus bonus, at present £59 16s. per annum.

Applicants should be experienced in the preparation of Bills of Quantities, the checking of Interim Valuations, and the settling up of Final Accounts. Preference will be given to Fellows or Professional Associates of the Surveyor's Institution, and experience with a Local Authority would be regarded as an advantage.

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

Forms of application may be obtained from the Borough Engineer and Surveyor, Town Hall, Burnley, to whom applications should be returned in the envelope provided, not later than noon on Monday, the 22nd September, 1947.

C. V. THORNEY,
Town Clerk.
Town Hall, Burnley.
August, 1947. 692

CITY OF COVENTRY.

Applications are invited for the following whole-time appointments on the permanent staff of the City Architectural Department:—
(a) **TWO ASSISTANT ARCHITECTS,** one vacancy each in the Housing and Education Sections.

Salary grade, A.P.T. V, commencing at £460 per annum and rising to £510 per annum.

Candidates should be Associate Members of the Royal Institute of British Architects, or hold equivalent qualifications.

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

(b) **ONE SENIOR ASSISTANT QUANTITY SURVEYOR.**

Salary grade, A.P.T. V, commencing at £460 per annum and rising to £510 per annum.

Candidates should be Professional Associates of the Royal Institution of Chartered Surveyors (Quantities Division).

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

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

Applications must be made on the forms obtainable from the undersigned, and should be returned completed, together with copies of not more than two recent testimonials, or names of two persons to whom reference may be made, not later than Wednesday, the 24th September, 1947. Canvassing, directly or indirectly, will be a disqualification.

D. E. E. GIBSON,
City Architect.
1a, Warwick Row, Coventry.
4th September, 1947. 705

URBAN DISTRICT COUNCIL OF
BILLERICAY.
APPOINTMENT OF ARCHITECTURAL ASSISTANT (ESTABLISHED).

Applications are invited for the appointment of Architectural Assistant (Established) at a commencing salary of £390 per annum, rising by annual increments of £15 to £435 per annum, or £420 per annum, rising by annual increments of £15 to £465 per annum, according to qualifications. Applicants must at least have passed the Intermediate Examination of the R.I.B.A. or equivalent, and the higher salary will only be granted to qualified architects. The above salary will also carry cost-of-living bonus, at present £59 16s. per annum, and the post is subject to the scheme of conditions of service.

Applications, on forms to be obtained from the Surveyor, County Offices, Billericay, should be forwarded to the undersigned, not later than the 19th September, 1947, and endorsed appropriately.

A. HATT,
Clerk of the Council.
County Offices, 98, High Street, Billericay. 707

COUNTY BOROUGH OF WEST HAM.
Applications are invited for the following posts:—

(1) **TECHNICAL ASSISTANT** (Statutory Planning Section).

(2) **MALE ADMINISTRATIVE ASSISTANT** (Public Buildings Section).

(3) **MALE ADMINISTRATIVE ASSISTANT** (Construction Section).

The salary for post (1) is A.P.T. Grade IV, £420-£465 (plus £20 London weighting and bonus, at present £59 12s. 3d.) per annum.

The salary for posts (2) and (3) is A.P.T. Grade I, £330-£375 (plus £20 London weighting and bonus, at present £59 12s. 3d.) per annum.

Full particulars of duties, terms of appointment, and application form (which must be used in making application), may be obtained from the Borough Architect and Planning Officer, 100, West Ham Lane, E.15. Applications to be returned not later than Tuesday, 30th September, 1947.

E. E. KING,
Town Clerk.
West Ham Town Hall, Stratford.
London, E.15. 679

BOROUGH OF SWINDON.
APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the above permanent appointment on the staff of the Borough Architect, at a salary in accordance with Grade IV of the National Scales (£420 to £465), plus such cost-of-living bonus as may from time to time be paid by the Corporation (at present £59 16s. per annum).

Applicants must have had experience in housing and in the general architectural work of a local authority, and be Associates of the Royal Institute of British Architects.

The Council will assist the successful candidate to secure housing accommodation if required.

Applications must be made on forms obtainable from me, and must be returned, in envelopes endorsed "Architectural Assistant," to reach me not later than 20th September, 1947.

Canvassing in any form will be deemed a disqualification.

D. MURRAY JOHN,
Town Clerk.
Civic Offices, Swindon.
24th August, 1947. 698

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

Applications are invited for the following permanent appointment, which is subject (1) to the Conditions of Service of the National Joint Council for Local Authorities Administrative, Professional, Technical and Clerical Services, (2) to the Local Government Superannuation Act, 1937, and (3) to the successful candidate passing a medical examination:—

ARCHITECTURAL ASSISTANT. Salary, Grade III, National Scales (£390×215 to £435 per annum), plus cost-of-living bonus. Applicants must be Registered Architects, quick and accurate draughtsmen, and have had experience in a Municipal Office.

Applications, stating age, full particulars of experience, and whether the applicant to his knowledge is related to any member of the Local Authority or to a holder of a senior office under the Authority, accompanied by copies of not more than three recent testimonials, and endorsed "Architectural Assistant," should be delivered to the Borough Engineer, West Terrace, Folkestone, by the 30th September, 1947.

Canvassing, directly or indirectly, will disqualify.

C. F. NICHOLSON,
Town Clerk.

Town Clerk's Office, Folkestone.
20th August, 1947. 673

LONDON COUNTY COUNCIL. QUANTITY SURVEYORS.

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

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

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

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

METROPOLITAN BOROUGH OF HAMPSTEAD. ARCHITECTURAL ASSISTANT

Applications are invited for the appointment of an Architectural Assistant on the Temporary Staff of the Housing Architect's Section of the Borough Engineer and Surveyor's Department, at a salary in accordance with Grade V of A.P.T. Division, National Scales of Salaries, £460 to £510 per annum, plus £20 London weighting and bonus, at present £59 16s. per annum. Age limit: 45 years of age on the 1st June, 1947.

Applicants should be suitably qualified, preferably members of the Royal Institute of British Architects, and should have experience in general Architectural work, including house planning and design, adaptations and conversions, and be able to prepare working drawings and specifications.

Applications, stating (a) age, (b) examination qualifications, (c) present and past appointments with dates and salaries, (d) detailed particulars of experience, and accompanied by copies of three recent testimonials, must be delivered to me in a sealed envelope endorsed "Architectural Assistant," not later than 12 noon on Saturday, 20th September, 1947.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937. The conditions of service are those in the National Scheme for Local Government Officers, and the appointment will be terminable by one calendar month's notice on either side.

Canvassing will disqualify.

P. H. HARROLD,
Town Clerk.

Town Hall, Haverstock Hill, N.W.3.
August, 1947. 694

BOROUGH OF ROYAL TUNBRIDGE WELLS.

Vacancies exist in the Borough Surveyor and Water Engineer's Department, Tunbridge Wells, for two Temporary **ARCHITECTURAL DRAUGHTSMEN** (Male or Female). Applicants must have had previous experience, and should not be less than 20 years of age. The appointments will be for a minimum period of three years. Salaries in accordance with the National Scale, General Division, which at age 20 would be £40 per annum, plus cost-of-living bonus, £41 12s. 6d. per annum for males, and £112 per annum, plus cost-of-living bonus, £37 14s. per annum, for females. Applications in writing to be delivered to the undersigned not later than 10 a.m. on Monday, 15th September, 1947.

JOHN WHITEHEAD,
Town Clerk.

Town Clerk's Office, Tunbridge Wells.
15th September, 1947. 698

UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG.

Applications are invited for the CHAIR OF ARCHITECTURE. The salary scale is £1,100—£250—£1,400 per annum, plus a temporary cost-of-living allowance, which at present is £75 per annum for a member of staff with a wife or other dependants, and £45 16s. for others. Membership of the University Teachers' Provident Fund is compulsory, and involves a contribution of 5 per cent. (which may shortly be raised to 7 per cent.) on part of the salary, viz., £1,000—£250—£1,300 per annum, an equal amount being contributed by the University and Government together. Allowance is made for travelling expenses. Further particulars may be obtained from The Secretary, Universities Bureau of the British Empire, 8, Park Street, London, W.1. Closing date for the receipt of applications is 10th November, 1947. 675

MONMOUTHSHIRE COUNTY COUNCIL. APPOINTMENT OF DEPUTY COUNTY ARCHITECT.

Applications are invited for the appointment of Deputy County Architect, at a salary of £700 per annum, rising by annual increments of £50 to a maximum of £850 per annum, plus cost-of-living bonus, at present £59 16s. per annum.

Candidates must have passed the qualifying examination for A.R.I.B.A., must be competent Architects proficient in design and construction of modern buildings, particularly in design of School buildings, and with experience of the work of a County Architect's department.

The appointment, which will be terminable by three months' notice on either side, will be subject to the rules and regulations of the County Council from time to time in force governing their administrative, technical and clerical staff, the provisions of the Local Government Superannuation Acts, 1937 and 1939, and to the passing satisfactorily of a medical examination by the Council's Medical Officer of Health.

Canvassing, directly or indirectly, will be a disqualification, and applicants must disclose in writing any relationship within their knowledge to a Member of the Authority or to a holder of any senior office under the Authority. Forms of application can be obtained from the undersigned, and should be returned, together with copies of three recent testimonials, not later than the 15th September, 1947.

VERNON LAWRENCE,
Clerk of the Council.

County Hall, Newport, Mon.
22nd August, 1947. 678

EAST RIDING COUNTY COUNCIL. ASSISTANT ARCHITECT.

Applications are invited for the above appointment on the permanent staff of the County Architect's Department.

Conditions of service and salary are in accordance with the National Joint Council Scheme for Local Authorities, Grade VI. Salary, £535—£600 per annum, with cost of living bonus, at present £59 16s. 6d. per annum, payable in addition. Applicants should have had experience in the design, construction and carrying through of modern buildings, and possess an appropriate professional qualification.

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

Applications, stating age, qualifications and experience, with details of past and present appointments, along with three testimonials, must be received by the County Architect, County Hall, Beverley, not later than the 15th September, 1947.

T. STEPHENSON,
Clerk of the Council.

County Hall, Beverley.
August, 1947. 708

The Stevenage Development Corporation invite applications for the following posts, in the office of the Chief Architect and Planner:—

(1) **DEPUTY CHIEF ARCHITECT.** Salary £1,250—£1,500.

Should have architectural and planning experience; will need to be fully conversant with all aspects of the Chief Architect's work, and will deputise for him; will be responsible for much of the work of co-ordinating the work of the Department with that of other Departments and Technicians.

(2) **THREE SENIOR ARCHITECTS.** Salary £1,000—£1,250.

Should have experience of widely differing fields; they will be in charge of the three main divisions of the work: Organisation and Research, Planning and Landscape, Housing, etc.

(3) **SIX ARCHITECTS.** Salary £750—£1,000.

Must be experienced Architects, capable of taking charge of small groups working each on a specific project; one of these will be the group in charge of Landscape Design.

(4) **SIX ASSISTANT ARCHITECTS.** Salary £600—£750.

(5) **SIX JUNIOR ASSISTANT ARCHITECTS.** Salary £300—£450.

Applications should be made in writing, stating date of birth, together with full details of qualifications and experience (including a list in chronological order of appointments held), and should be received by the Stevenage Development Corporation, Aston House, near Stevenage, Herts, not later than September 19th, 1947. 702

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

CITY OF BIRMINGHAM SALE BY AUCTION

of a
FREEHOLD RESIDENTIAL BUILDING
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SMALL HEATH.
BUILDERS' ROADS AND SEWERS ALREADY
LAID.
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WITH
ADJACENT SITE IN GOLDEN HILLOCK
ROAD APPROVED FOR GENERAL BUSINESS
PURPOSES.
BUILDING PLANS ALREADY SUBMITTED
AND APPROVED BY LOCAL AUTHORITY.
H. DONALD DIXON, F.S.I., F.A.I.,
is instructed to offer the above for Sale by
Auction at the

**GRAND HOTEL, COLMORE ROW,
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On FRIDAY, 19th SEPTEMBER, 1947, at 2.30
p.m., subject to prior Sale and Conditions.
Full Particulars and Plan (price 6d.) from
Auctioneer's Offices, 60, NEWHALL STREET,
BIRMINGHAM, 3.
Telephone: Central 6779 (two lines). 701

Architectural Appointments Vacant

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

DIOCESAN Surveyor requires **ARCHITECTURAL ASSISTANT**, for work in old churches and general practice; Inter. standard considered. Full particulars to Lawrence H. Bond, 11, Elmer Street, Grantham. 960

JUNIOR ARCHITECTURAL ASSISTANT required, London W.C. district; state age, experience and salary. Box 626.

PROGRESSIVE posts offered to young qualified **ASSISTANTS**; salary, £400 p.a. Apply, stating age and experience, to Mackintosh & Partners, 11, Orchard Street, Bristol, 1. 592

SENIOR ARCHITECTURAL ASSISTANTS.

Senior Architectural Assistants are required to fill vacancies for permanent and pensionable positions in the Head Office of the Premises Department, Ind Coope & Allison, Ltd., Burton-on-Trent. Applicants should be either Associates of the Royal Institute of British Architects or trained at a recognized School of Architecture, but consideration will be given to students nearing the required standard for the final examination; they should have a good general experience in design and construction, and be capable of taking charge of jobs from the initiation of sketch plans to completion of the work, including supervision of the juniors who will be allotted to them and the work on the site. Experience in the design, decoration and furnishing of licensed premises and Breweries would be an added asset, but is not insisted upon. They will also be required to pass a medical examination and contribute to the generous Staff Superannuation Scheme in force.

The Department, already large, is expanding, and offers progressive and interesting work to a capable man, as eventually each successful applicant will be in charge of a self-contained team of his own, responsible for all building work in a definite area of Great Britain.

A five-day working week is in operation, and amenities offered include excellent canteen facilities and sports grounds.

Commencing salaries will be up to £500 p.a., plus cost-of-living bonus of £67 10s., according to qualifications and experience.

Particulars of training, experience, past and present appointments, and qualifications, together with testimonials, and stating age, data available, and whether married or single, to be sent to the Manager, Premises Department, Ind Coope & Allison, Ltd., 148, Station Street, Burton-on-Trent.

While no housing accommodation can be immediately offered to successful applicants, the Company will assist as far as possible. 640

ARCHITECT'S ASSISTANT required immediately; qualified intermediate standard. Apply, stating all particulars, to L. D. Tomlinson, F.R.I.B.A., Pilgrim House Chambers, Boston, Lincs. 647

ARCHITECT'S ASSISTANT, with some experience, required immediately for Dublin office. Reply, stating qualifications and salary expected, Box 648.

THE MIDLAND JOINERY WORKS, LTD., Burton-on-Trent, require a first-class experienced **DRAUGHTSMAN/ESTIMATOR**. Apply in confidence, giving fullest particulars. 635

JUNIOR ARCHITECTURAL ASSISTANT required. Write, stating age, experience, and salary required, to Portess & Richardson, Lloyds Bank Chambers, Peterborough. 659

ARCHITECTURAL ASSISTANTS (Senior and Juniors) required immediately by Shrewsbury Architect. Box 672.

IMPERIAL CHEMICAL INDUSTRIES, LTD.—Applications from qualified Architects are invited for the appointment of an ASSISTANT ARCHITECT in Chief Engineer's Department. The applicant should be an Associate R.I.B.A., and have had experience in the design and construction of Factory Amenities, Laboratories and Offices. The successful applicant will be required to act as Section Leader and take charge of a Section of the Civil Drawing Office under the Architect. The position is of a permanent nature, subject to the Company's Superannuation Fund, and offers good prospects. Applications to be sent to the following address, stating age, married or single, qualifications, experience, and salary required, Staff Manager, Imperial Chemical Industries, Ltd., General Chemicals Division, Cunard Building, Liverpool. 670

ARCHITECTS require JUNIOR ASSISTANT, R.I.B.A. Intermediate standard; to prepare working drawings, etc., mainly for commercial buildings. Watson & Johnson, 5, Victoria Square, Birmingham, 2. 661

ASSISTANT ARCHITECT-SURVEYOR required; country practice, Lincs and Notts (Rural areas), with knowledge of specification and quantities; car driver desirable; a modern two-bedroom flat is immediately available. Particulars to Saunders & Partners, 24, Castlegate, Newark, Notts. 677

JUNIOR ASSISTANT required in Architect's Department (London) of an Organization engaged in research and trading; able to prepare drawings under supervision, trace and colour. Reply, stating experience and salary required, to Box No. 836, L.P.E., 110, St. Martin Lane, W.C.2. 698

ARCHITECTURAL ASSISTANT required in Midlands office; must be quick and accurate draughtsman, with experience in industrial buildings. Reply, with full particulars, salary required, etc., to Box 703. 673

THE MILK MARKETING BOARD have a vacancy for an ASSISTANT ARCHITECT; applicants should preferably be Associates R.I.B.A., with sound knowledge of contract procedure, specification writing, maintenance work, and capable of taking sole charge of work from inception to completion; salary, £650-£750 per annum; pension scheme in operation. An ARCHITECTURAL ASSISTANT is also required, mainly for the purpose of preparing Specifications and to assist as necessary in general office work; temporary engagement, 12 months; salary, £550 per annum. Apply, in writing, giving full details and earliest date on which employment could be commenced, to The Establishment Officer, Milk Marketing Board, Thames Ditton, Surrey. 695

J. DOUGLASS MATHEWS & PARTNERS J. Chartered Architects, 3, Ebury Street, Victoria, S.W.1, require qualified ARCHITECTURAL ASSISTANT; ex-Serviceman preferred. 687

JUNIOR ARCHITECTURAL ASSISTANT required in Westminster district for industrial and power station work; post gives opportunity to the applicant selected to acquire wide experience, and there are opportunities for advancement. Details of training and experience should be sent to Box 690. 690

ARCHITECT, SENIOR ASSISTANT, with sound experience of factory design and construction, required in London; the selected applicant will be required to take over a large industrial development working under the Chief Architect; there are good future prospects, and the appointment includes pensions, etc.; full details of experience and qualifications should be sent, and if desired the application will be treated in confidence. Please reply to Box 691. 691

CAPABLE ASSISTANT, for general practice in S.W. coast town. Write, stating age, experience, salary, etc., Box 693. 693

THE MUNICIPAL COMMISSIONERS OF THE TOWN OF SINGAPORE invite applications for two posts of ASSISTANT ARCHITECT and BUILDING SURVEYOR, in the Department of the Municipal Architect and Building Surveyor. Applicants must be Associates of the R.I.B.A., between the ages of 25 and 35, and have had previous experience in Municipal Government or other official service, and be familiar with L.C.C. Building Bylaws.

Salary offered is \$550 a month (£770 a year) \$575, and \$600 for the first three years, but a higher commencing salary may be granted if qualifications and experience warrant. The maximum salary of the posts is \$900 p.m. by annual increments of \$40 a month after \$600 p.m. A cost-of-living allowance, at present \$197.50 a month for a married man or \$115 for a single man, is payable on a salary of \$550 a month. Partly furnished quarters are provided on a present basis of 4 per cent. of the officer's salary. An allowance for duty transport would be granted. Candidates would be appointed on a three years' agreement, and would be required to pass a medical examination and to join the Municipal Provident Fund. Free passages, with half-pay during voyage, would be granted for the officer and his wife and family.

Applications, stating age, place of birth, details of education, qualifications, training and experience, accompanied by copies of three recent testimonials, must be lodged with the Commissioners' Agents, Messrs. Peirce & Williams, 1, Victoria Street, Westminster, S.W.1, not later than 8th October, 1947. 696

APPLICATIONS are invited for vacancy as a SENIOR ASSISTANT in London Architect's office, E.C.1, commencing salary from £450 to £525, according to qualifications and experience; experience in the design of industrial and commercial buildings considered an advantage; a pension scheme operates after one year's satisfactory service. Box 704. 694

MAIN Line Railway Company require DRAUGHTSMEN, with good knowledge of building construction; qualifications, Higher National Certificate or equivalent. Apply, stating age, experience, and salary required, to Box 686. 686

ARCHITECT'S SENIOR ASSISTANT required; quick and accurate draughtsman; capable of controlling drawing office; experience in cinema design an asset. Write, stating age, qualifications, salary required, and when available, Norman-Bailey, Richardson & Partners, 9, Spring Street, W.2. Padd. 6440. 699

Architectural Appointments Wanted

KEEN and capable ASSISTANT requires position in Newcastle-upon-Tyne, ex-Serviceman; aged 28; passed R.I.B.A. Final Exam., July, 1947. Box 393. 393

ARCHITECT (23), just graduated, requires post as ASSISTANT; preferably with private firm in or around Liverpool. Box 395. 395

EX-SERVICEMAN (22) desires post as ARCHITECTURAL ASSISTANT in town, with technical institute facilities; experience in Local Government office. Box 398. 398

STUDENT (29), recently passed R.I.B.A. final, six years' pre-war experience, seeks post with a view to future junior partnership. Box 399. 399

QUALIFIED ARCHITECT (lady, 28), five years' general experience (moderate, due to war), working drawings, etc., under some supervision, neat draughtsman, keen, desires interesting and progressive post as ASSISTANT in Architect's office; Liverpool, Manchester, or Chester. Box 402. 402

STUDENT R.I.B.A., age 25, seeks position with Architect appreciating initiative; five years' office experience on working drawings, 3 in. and full size details in connection with industrial buildings, canteens and housing; Greater London area. Box 401. 401

JUNIOR ARCHITECTURAL ASSISTANT (21), studying for Inter. R.I.B.A., capable of surveys, working drawings and details, requires progressive post in professional office. Box 400. 400

Other Appointments Vacant

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

GOOD TRACER required in London for work in the evenings or part time; please state rate required. Box 665. 665

THE MIDLAND JOINERY WORKS, LTD., Burton-on-Trent, require REPRESENTATIVE, or COMMISSIONED AGENT, in the following districts: South, Wales; North London, operating preferably from Luton. Apply in confidence, giving fullest particulars. 634

Other Appointments Wanted

4 lines or under, 2s. 6d.; each additional line, 1s.

ARCHITECT requires part-time work, London area; quick and efficient; execution guaranteed; terms by arrangement. Box 608. 608

QUALIFIED and fully responsible ARCHITECT offers spare-time services in any capacity; payment by arrangement; resident London. Box 683. 683

WELL-EDUCATED SECRETARY, fully efficient, desires progressive and interesting post in Architect's office, requiring enthusiasm and initiative; good shorthand typist, capable of office organization and control of staff, and possessing executive ability; salary required, £7 to £7 10s. Box 674. 674

PROFESSIONAL ASSISTANCE offered to Architects for land surveys and levelling for housing, schools, factories, drainage, landscaping, etc.; own staff and equipment. Box 661. 661

CAPABLE ASSISTANT (28) requires evening or week-end work; working drawings, sketches, colour, etc. Box 663. 663

YOUNG DRAUGHTSMAN in London, experienced in architectural and structural work, offers his services on a part-time or free lance basis; all types of draughting executed. Box 664. 664

TRACER requires job in Architect's office; 4 years' experience; age 26 years; South Coast only. Box 689. 689

YOUNG MAN (23), starting first year part-time arch. course, seeks any kind of employment, with Architect, Building Contractor, in Manchester area, for 3-34 days per week; 3 years' preliminary drawing office experience (junior); ex-Capt. R.E. Box 697. 697

PERSPECTIVES. — B.A.(Arch.), A.R.I.B.A., Royal Academy exhibitor, will undertake Perspectives in colour or black-and-white. Box 977. 977

For Sale

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

FOR SALE—Desk, oak roll top, and two Tubular Chairs for sale, £25; good condition; can be seen Victoria. Box 586. 586

FOR SALE—"Architects' Journals," complete 1937, 1938, 1940, 1942, 1943; most parts of 1934, 1936, 1939, 1941, 1944. Victoria Weston, Barby Hall, Selby, Yorks. 694

10-IN. Stanley, 4-screw, Level; 11 Arch. Study Books, including Field and Bunney, Domestic 17th and 18th Cent.; Stratton, Form in Design and Classic, etc.; the lot, cheap, £13. Box 666. 666

Miscellaneous

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

A. J. BINNS, LTD., Specialists in the supply and fixing of all types of fencing, grand rail, factory partitions and gates. Harvest Works, 99-107, St. Pauls Road, N.1. Canonbury 2061. 2061

WANTED—One set of "Arts Et Mathes Graphiques." Please reply to Box 5. 5

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NEWER HEAT DISPLAY, Building Centre, Conduit Street, W.1. New solid-fuel appliances. New heating methods. New standard of home comfort. Open 10-5. Organized by the Coal Utilisation Joint Council. 73

AGENT, with connections among Architects and Builders, required to represent well-established Asphalt, Flooring and Roofing Co. in Provincial and Coastal towns; remuneration by commission. Apply Box 961. 961

WASH DRAWINGS, Perspectives, Lettering, Models.—For every kind of activity demanding the expert use of pencil, pen and brush. E. Lavery, 44, Aldershot Road, Guildford, Surrey. 944

PARQUET and all other kinds of Wood Floors repaired, resurfaced, and polished by latest machine methods; new floors laid; panelling restored; charges moderate; estimates free. Davis Parquet Resurfacing, Ltd., Dp. 225, Grove Hall Court, London, N.W.5. Telephone: CUNningham 3205/6. 600

FENCING FOR ALL PURPOSES—Supplied and erected; established 100 years. Parker, Winder & Archard, Ltd., 20, Broad Street, Birmingham, 1. 1

STUDIO FOR CONCRETE SCULPTURE—Groups, Portrait Busts, Mural Reliefs, modelled in reinforced, ferro-concrete, or in coloured cement and sand; sketches in the same medium submitted without obligation. Camden Studios, 28b, Camden Street, N.W.1. 660

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Measured in miles - seen everywhere

P. C. HENDERSON, LTD.
TANGENT WORKS BARKING ESSEX

INTERIOR DECORATOR wishes contact Interior Designer, view partnership, to establish business, Dorsetshire. Box 682.

HOTELS.—Wanted urgently for Thesis: "Arch. Journals" for 17.5.34; 25.5.34; 9.8.34; 25.10.34; 4.4.35; 9.1.36; 11.6.36; 10.9.36; 25.11.37; 28.4.38; 7.1.43. Also any photos and information on hotels, please state terms. H. H. Porritt, Esq., 8, Greenbank Road, Darlington. 1000

SMALL Suite of Offices, 700 to 1,000 sq. ft., required in London, North of the Thames, within three miles of Charing Cross, would purchase freehold or lease.—Box 66, Cooper's, Ltd., 11, King Street, Cheapside, E.C.2. 706

YOUNG WOMAN ARCHITECT requires unfurnished studio-living room or flatlet in London, preferably central. Denby, Broadacre, Salford, Sussex. 709

Educational Announcements

(1 line or under, 5s.; each additional line, 1s. 6d.)

UNIVERSITY OF LIVERPOOL.
LIVERPOOL SCHOOL OF ARCHITECTURE.
INCLUDING DEPARTMENT OF CIVIC DESIGN.

Professor of Architecture: I. B. BUDDEN, M.A., F.R.I.B.A.

The School provides a thorough theoretical and practical training for Students wishing to enter the Architectural Profession. The courses, which lead to a Degree (B.Arch.) and a Diploma, begin early in October. These qualifications both carry with them exemption from the series of Examinations, leading to the Associateship of the Royal Institute of British Architects, with the exception of Professional Practice. A written paper and oral test in this subject are now conducted in the School. A Degree of Master of Architecture (M.Arch.) has been established, and the Degree of M.A. may also be taken in Architecture.

DEPARTMENT OF CIVIC DESIGN.
Lecturer-in-Charge: W. A. EDEN, M.A., B.Arch., A.R.I.B.A.

The Department provides a training for Architects and Engineers who wish to specialize in Town Planning. The courses, which begin in October, lead to a Certificate and Diploma. Prospectuses of Classes may be obtained on application to the Registrar of the University, Liverpool, 3.

STANLEY DUMBELL,
Registrar.
983

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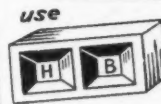
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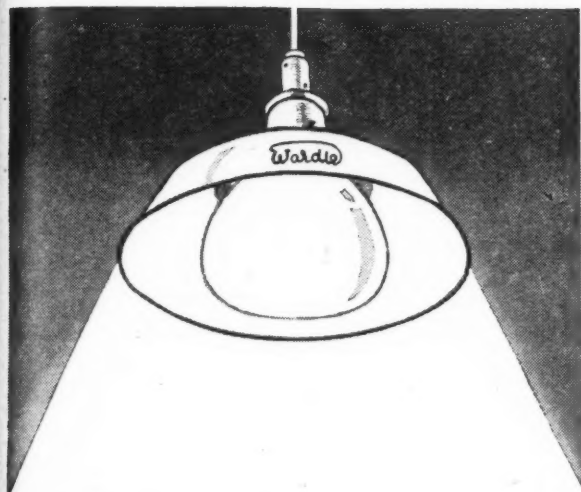
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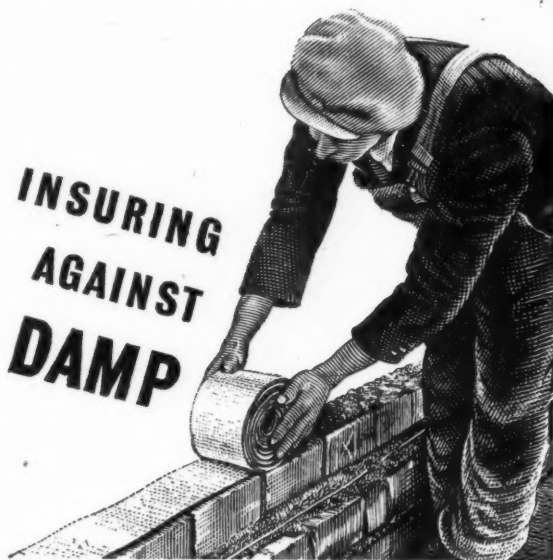
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