

THE ARCHITECTS' JOURNAL



standard contents

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

NEWS and COMMENT

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Astragal's Notes and Topics
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Wanted and Vacant

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

IEE	Institution of Electrical Engineers. Savoy Place, W.C.2.	Temple Bar 7676
IES	Illuminating Engineering Society. 32, Victoria Street, S.W.1.	Abbey 5215
IGE	Institution of Gas Engineers. 1, Grosvenor Place, S.W.1.	Sloane 8606
IHVE	Institution of Heating and Ventilating Engineers. 75, Eaton Place, S.W.1.	Sloane 3158
IIBD	Incorporated Institute of British Decorators. Drayton House, Gordon Street, W.C.1.	Euston 2450
ILA	Institute of Landscape Architects. 12, Gower Street, W.C.1.	Museum 1783
I of Arb.	Institute of Arbitrators, 35/37, Hastings House, 10, Norfolk Street, Strand, W.C.2.	Temple Bar 4071
IOB	Institute of Builders. 48, Bedford Square, W.C.1.	Museum 7197
IR	Institute of Refrigeration. Empire House, St. Martin's-le-Grand, E.C.1.	Monarch 7391
IRA	Institute of Registered Architects. 47, Victoria Street, S.W.1.	Abbey 6172
ISE	Institution of Structural Engineers. 11, Upper Belgrave Street, S.W.1.	Sloane 7128-29
LIDC	Lead Industries Development Council. Eagle House, Jermyn Street, S.W.1.	Whitehall 7264
LMBA	London Master Builders' Association. 47, Bedford Square, W.C.1.	Museum 3891
MARS	MARS Group (English Branch of CIAM). 34, Gordon Square, W.C.1.	Euston 2158-9
MOA	Ministry of Agriculture and Fisheries. 55, Whitehall, S.W.1.	Whitehall 3400
MOE	Ministry of Education. Belgrave Square, S.W.1.	Sloane 4522
MOH	Ministry of Health. Whitehall, S.W.1.	Whitehall 4300
MOLNS	Ministry of Labour and National Service. St. James's Square, S.W.1.	Whitehall 6200
MOS	Ministry of Supply. Shell Mex House, Victoria Embankment, W.C.	Gerrard 6933
MOT	Ministry of Transport. Berkeley Square House, Berkeley Square, W.1.	Abbey 7711
MOTCP	Ministry of Town and Country Planning. 32-33, St. James's Square, S.W.1.	Whitehall 8411
MOW	Ministry of Works. Lambeth Bridge House, S.E.1.	Reliance 7611
NAMMC	Natural Asphalte Mine-Owners and Manufacturers Council. 94, Petty France, S.W.1.	Abbey 1010
NAS	National Association of Shopfitters. 9, Victoria Street, S.W.1.	Abbey 5277/8
NBR	National Buildings Record. 37, Onslow Gardens, S.W.7.	Kensington 8161
NCBMP	National Council of Building Material Producers. 2, Caxton Street, S.W.1.	Abbey 5111
NFBTE	National Federation of Building Trades Employers. 82, New Cavendish Street, W.1.	Langham 4041
NFBTO	National Federation of Building Trades Operatives, Federal House, Cedars Road, Clapham, S.W.4.	Macaulay 4451
NFHS	National Federation of Housing Societies. 13, Suffolk St., S.W.1.	Whitehall 2881/2/3
NHBRC	National House Builders Registration Council. 82, New Cavendish Street, W.1.	Langham 4041
NPL	National Physical Laboratory. Head Office, Teddington.	Molesey 1380
NSAS	National Smoke Abatement Society. Chandos House, Buckingham Gate, S.W.1.	Abbey 1359
NT	National Trust for Places of Historic Interest or Natural Beauty. 42, Queen Anne's Gate, S.W.1.	Whitehall 0211/2
PEP	Political and Economic Planning. 16, Queen Anne's Gate, S.W.1.	Whitehall 7245
PWB	Post War Building, Directorate of: Ministry of Works, Lambeth Bridge House, S.E.1.	Reliance 1761
RCA	Reinforced Concrete Association. 94, Petty France, S.W.1.	Whitehall 9936
RIAS	Royal Incorporation of Architects in Scotland. 15, Rutland Square, Edinburgh.	Edinburgh 20396
RIBA	Royal Institute of British Architects. 66, Portland Place, W.1.	Welbeck 5721
RICS	Royal Institution of Chartered Surveyors. 12, Great George St., S.W.1.	Whitehall 5322
RFAC	Royal Fine Art Commission. 22a, Queen Anne's Gate, S.W.1.	Whitehall 3935
RS	Royal Society. Burlington House, Piccadilly, W.1.	Regent 3335
RSA	Royal Society of Arts. 6, John Adam Street, W.C.2.	Temple Bar 8274
RSI	Royal Sanitary Institute. 90, Buckingham Palace Road, S.W.1.	Sloane 5134
RIB	Rural Industries Bureau. 35, Camp Road, Wimbledon, S.W.19.	Wimbledon 5101
SBPM	Society of British Paint Manufacturers. 20, Piccadilly, London, W.1.	Regent 6347
SCR	Society for Cultural Relations with the USSR. 14, Kensington Square, London, W.8.	Western 1571
SE	Society of Engineers. 17, Victoria Street Westminster, S.W.1.	Abbey 7244
SFMA	School Furniture Manufacturers' Association. 13, New Square, Lincoln's Inn, W.C.	Chancery 5313
SIA	Structural Insulation Association. 14, Moorgate, London, E.C.2.	Central 4444
SIA	Society of Industrial Artists. Room 243, Empire House, St. Martin's-le-Grand, E.C.1.	Metropolitan 8344
SNHTPC	Scottish National Housing & Town Planning Council. Hon. sec., Robert Pollock, Town Clerk, Rutherglen.	
SPAB	Society for the Protection of Ancient Buildings. 55, Great Ormond Street, W.C.1.	Holborn 2646
TCPA	Town and Country Planning Association. 28, King Street, Covent Garden, W.C.2.	Temple Bar 5006
TDA	Timber Development Association. 75, Cannon Street, E.C.4.	City 6146 (3 lines)
TPI	Town Planning Institute. 18, Ashley Place, S.W.1.	Victoria 8815
TTF	Timber Trades Federation. 81, Cannon Street, E.C.4.	City 1476
WDC	War Damage Commission. Devonshire House, Mayfair Place, Piccadilly, W.1.	Mayfair 8866
WEDA	Welfare Equipment Development Association. 61, St. Paul's Churchyard, E.C.4.	City 4263/4
ZDA	Zinc Development Association. Lincoln House, Turl Street, Oxford.	Oxford 47988

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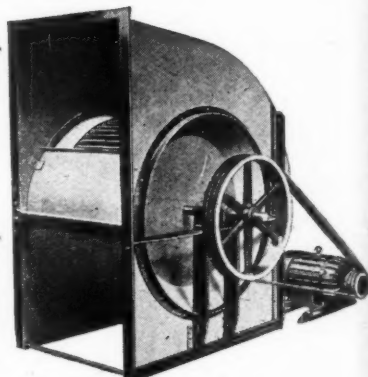
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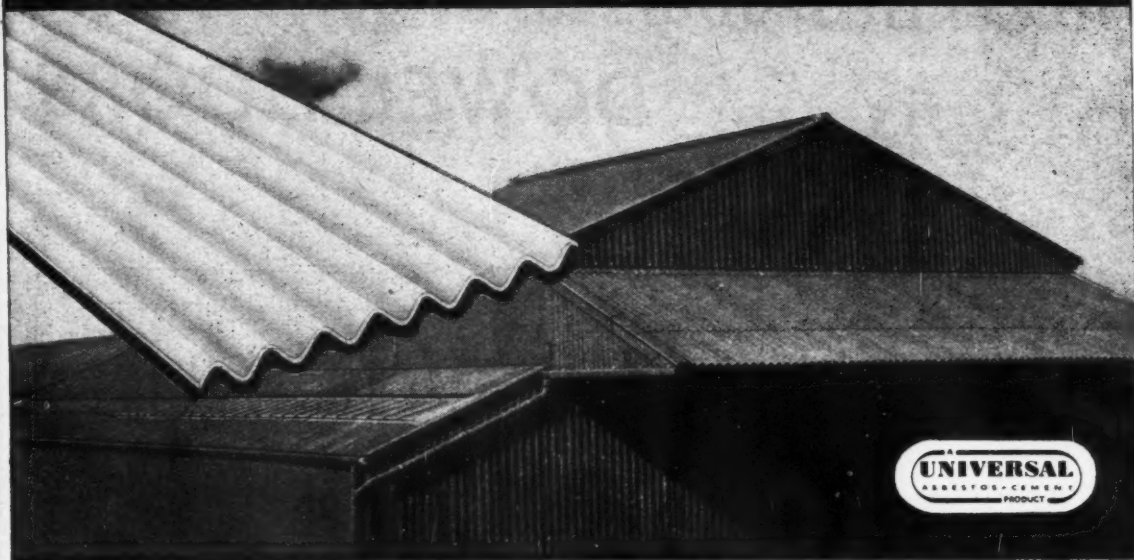
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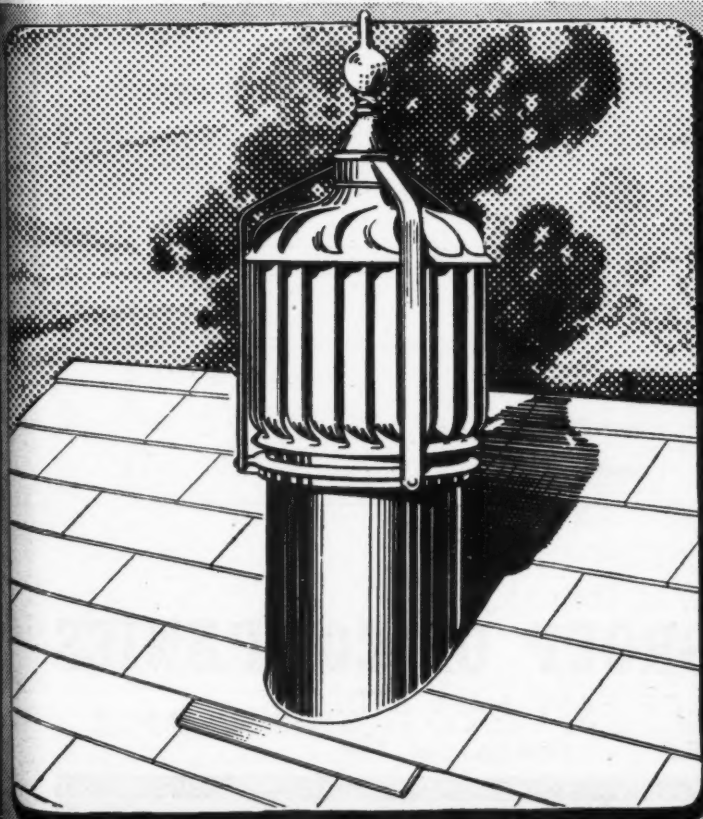
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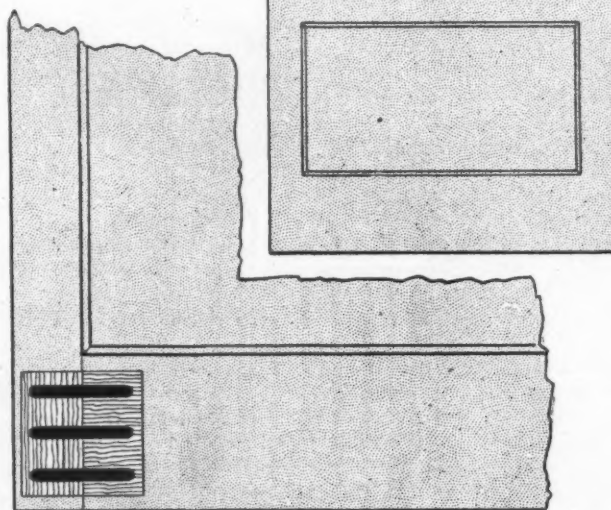
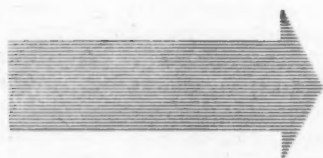
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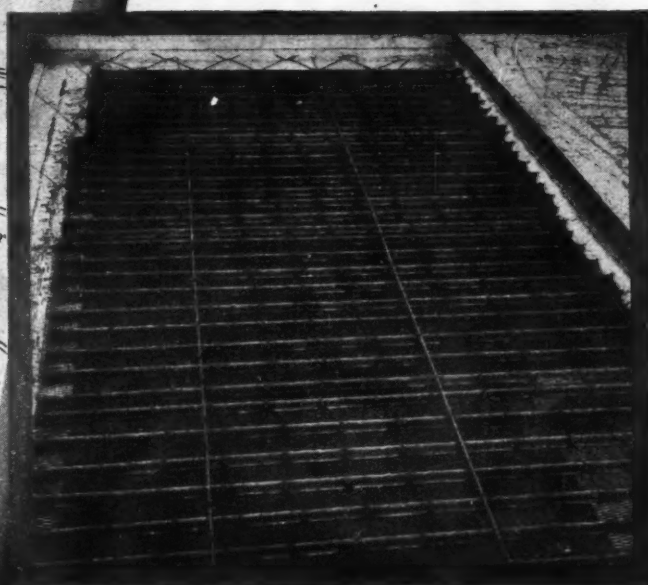
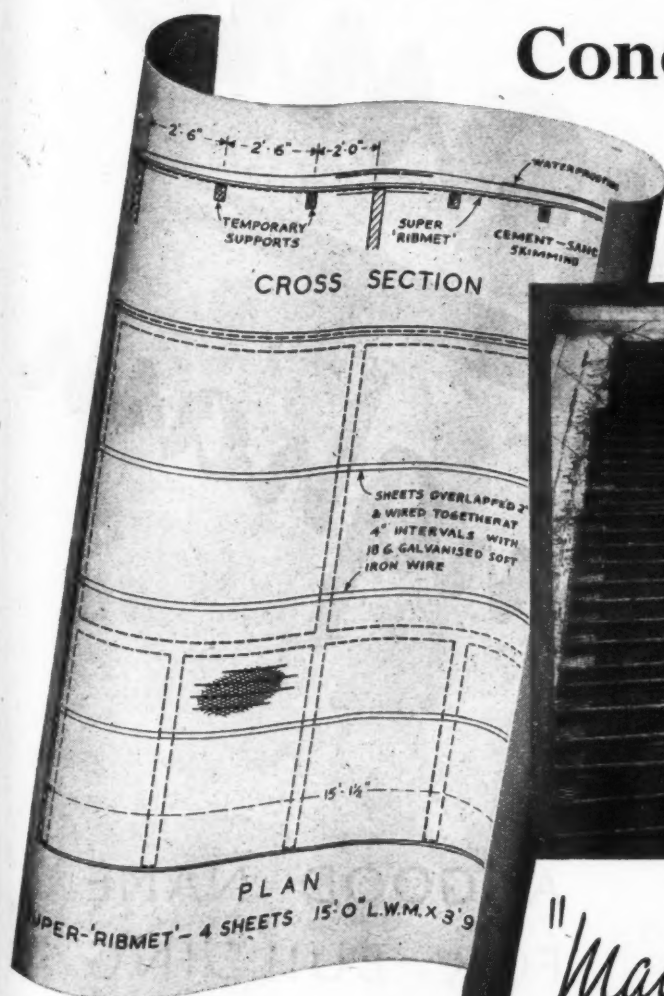
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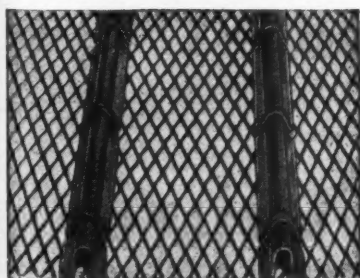
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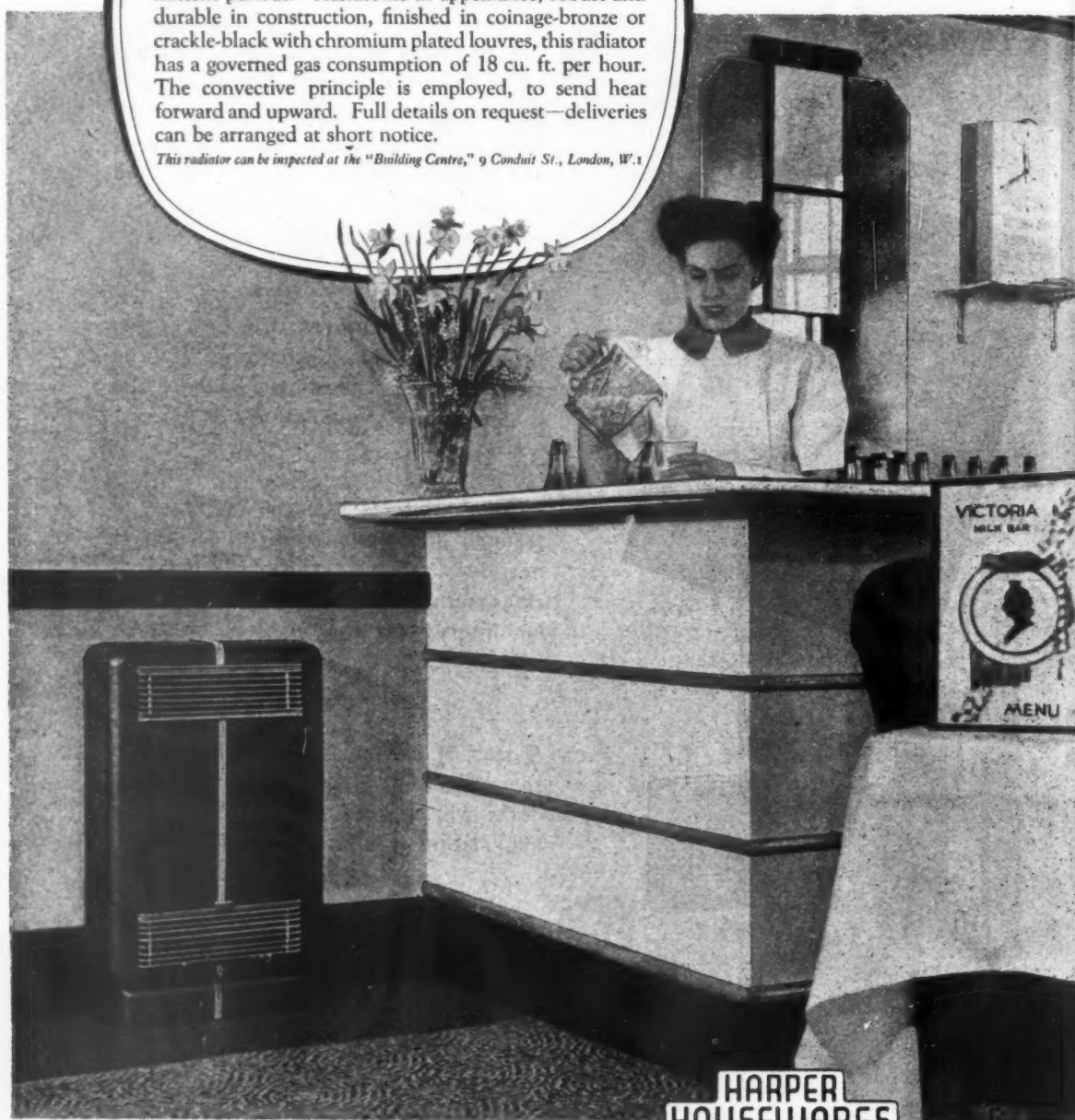
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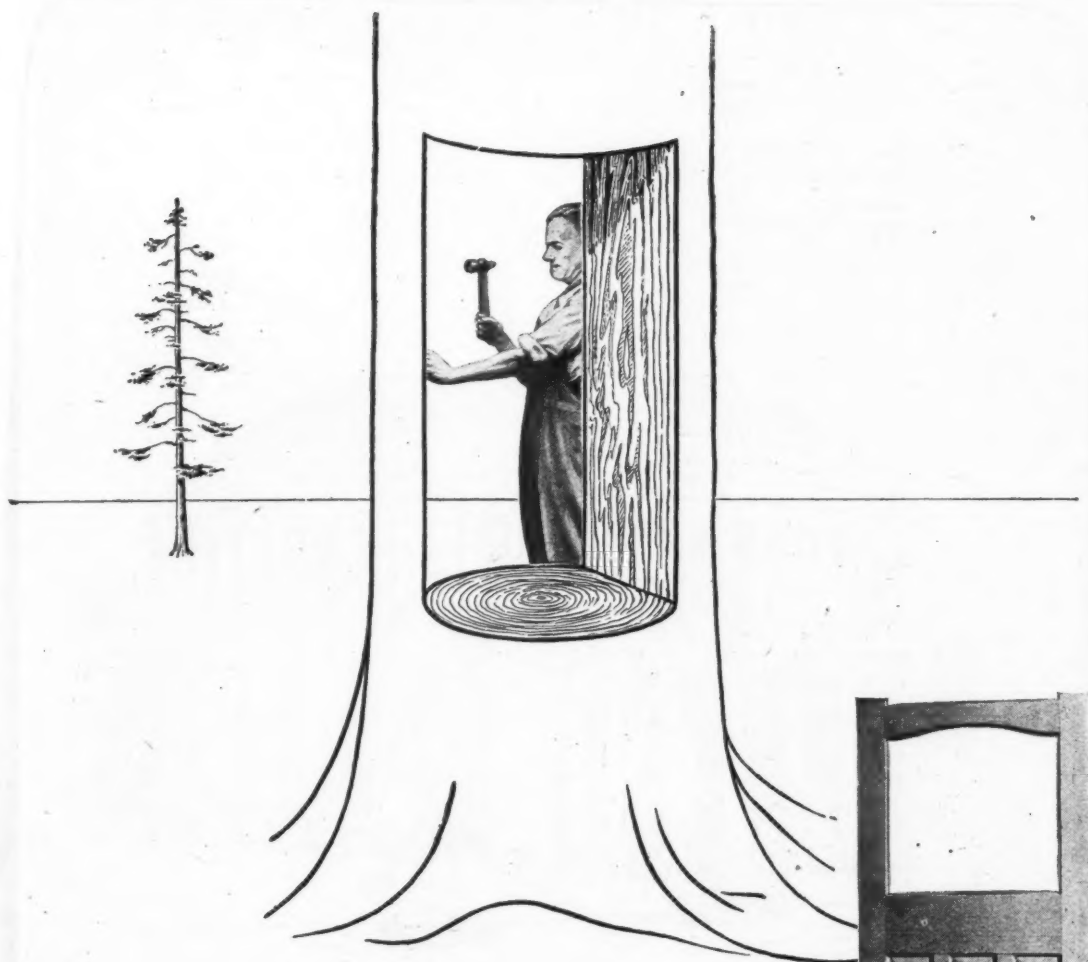
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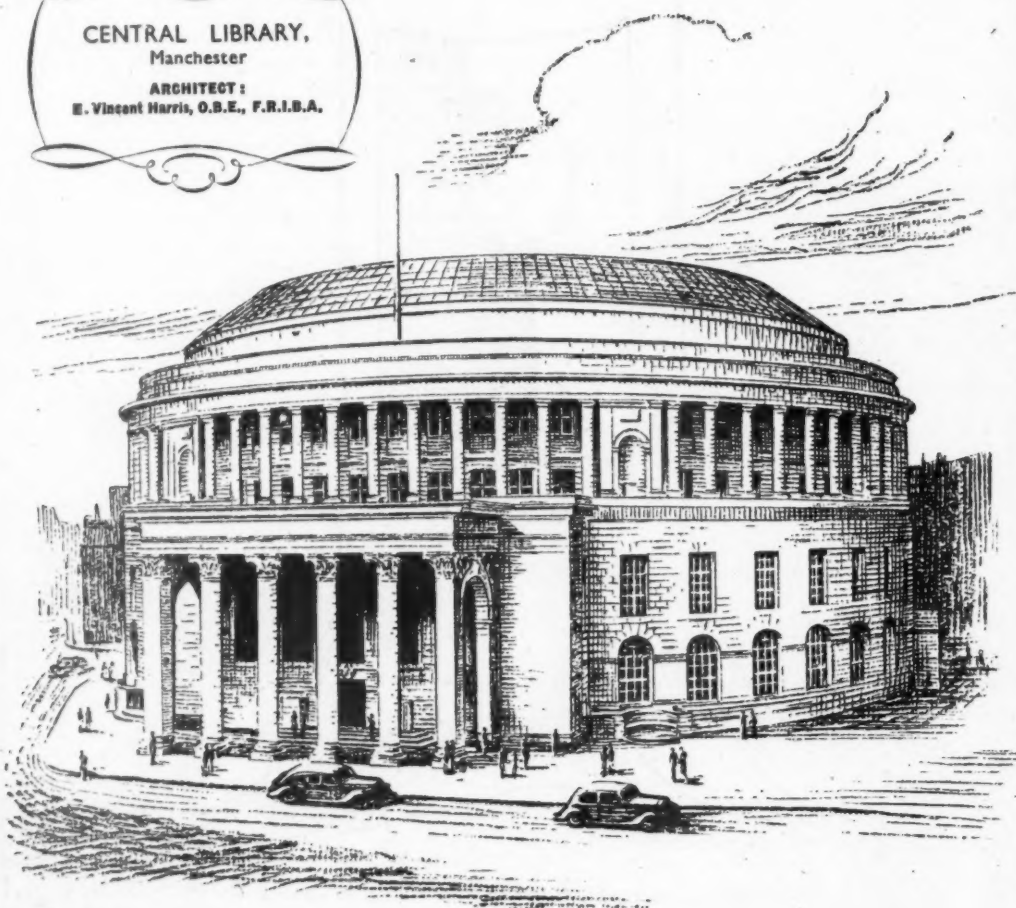
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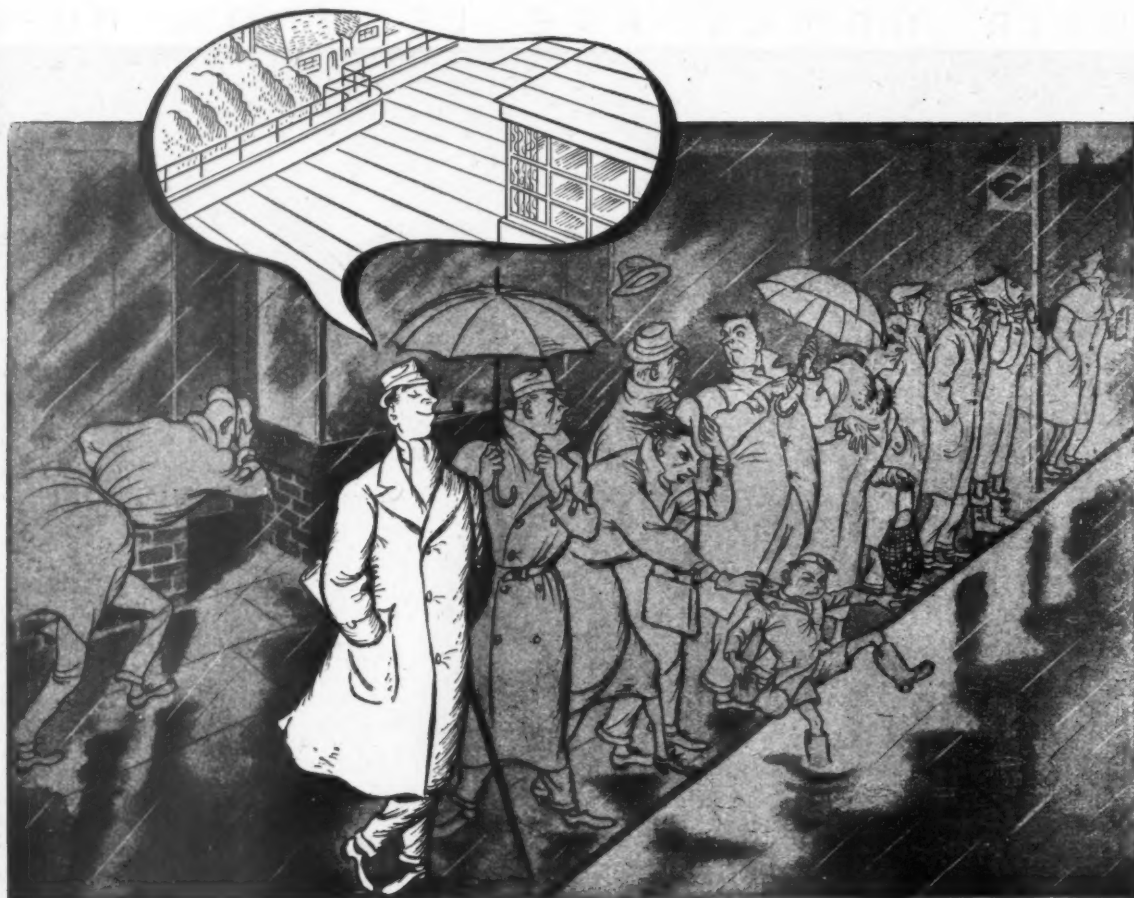
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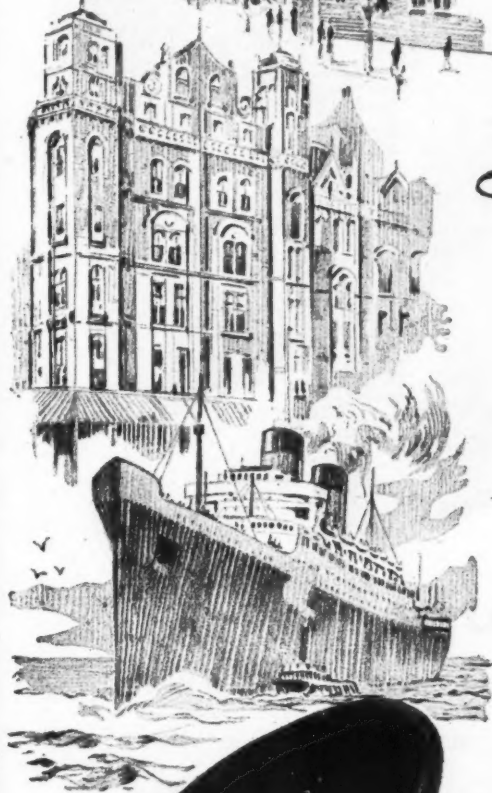
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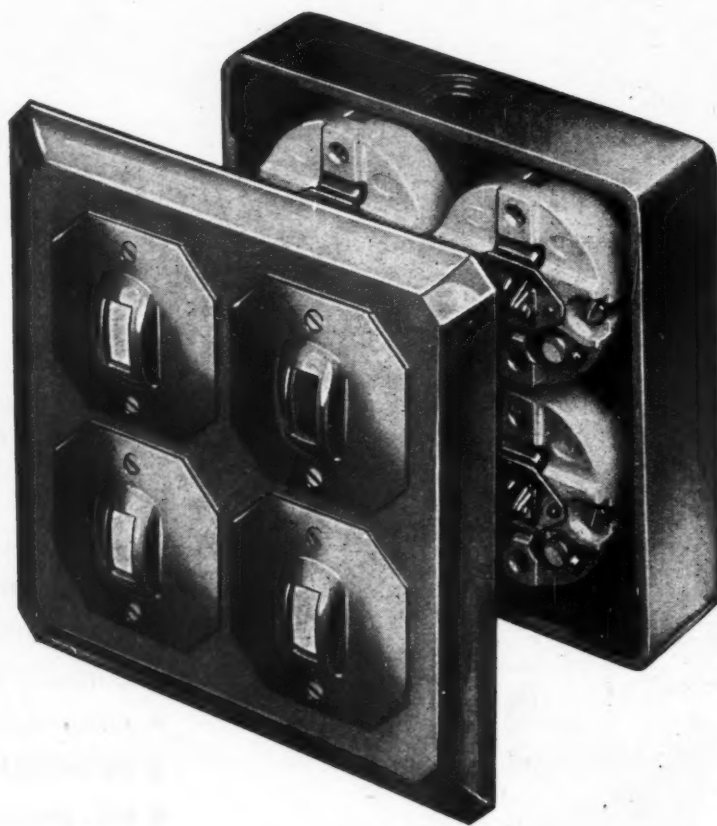
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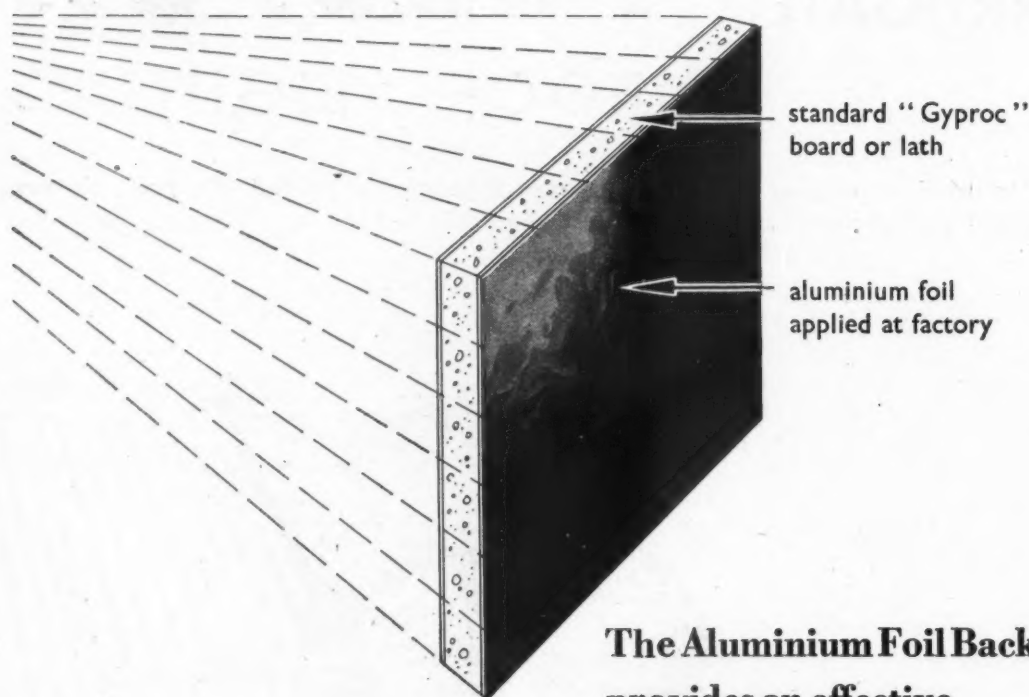
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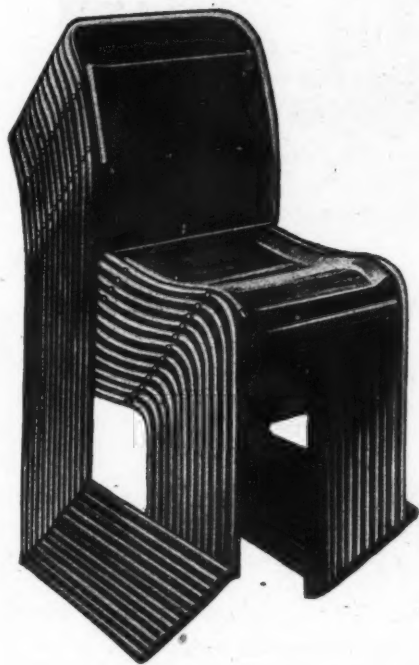
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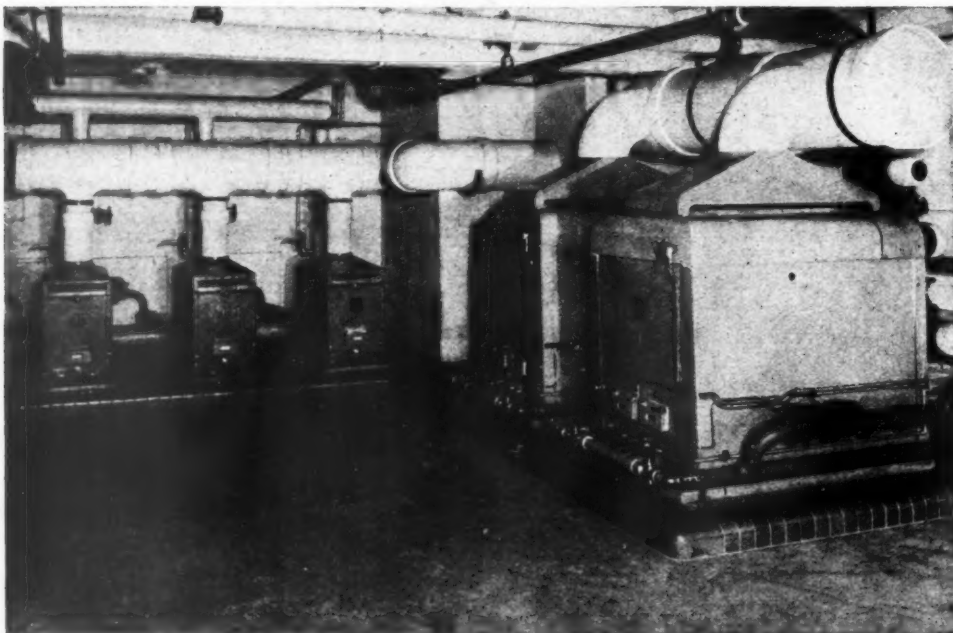
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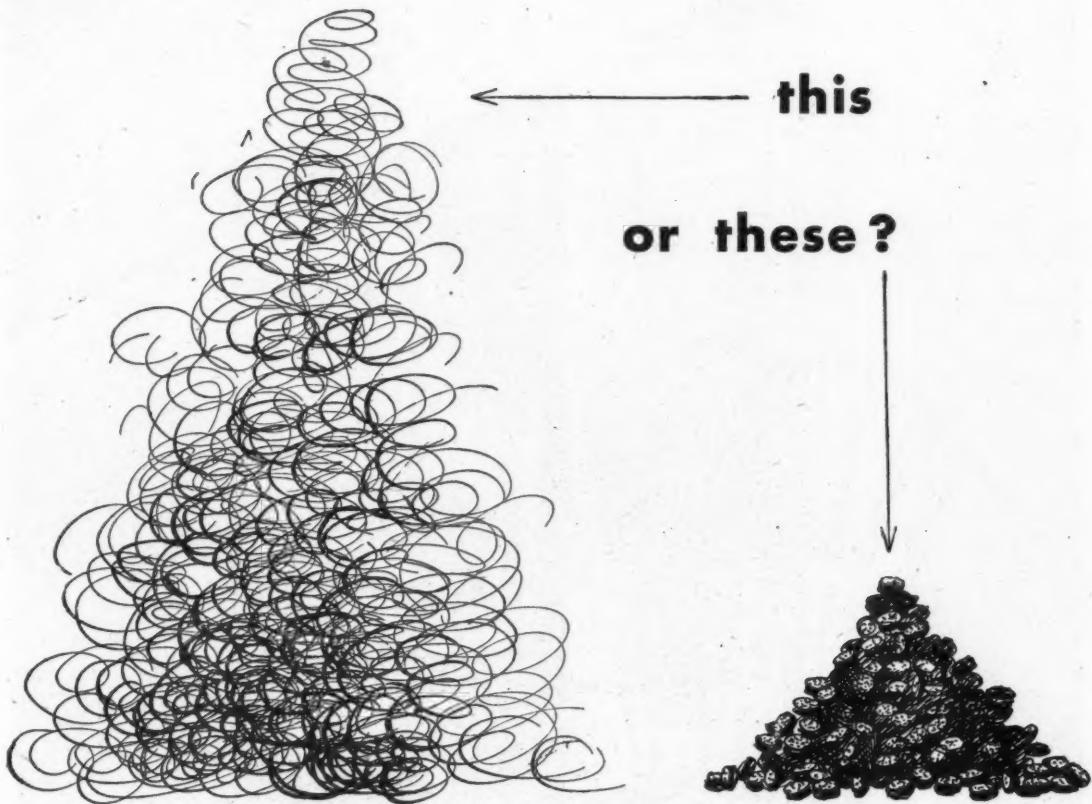
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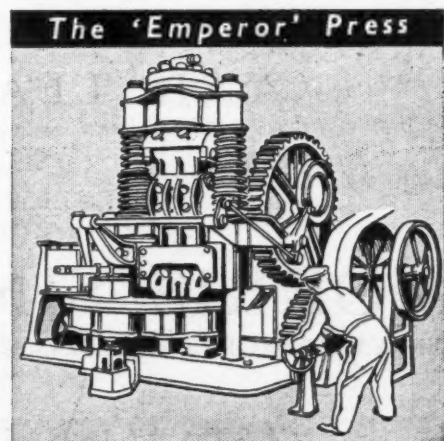


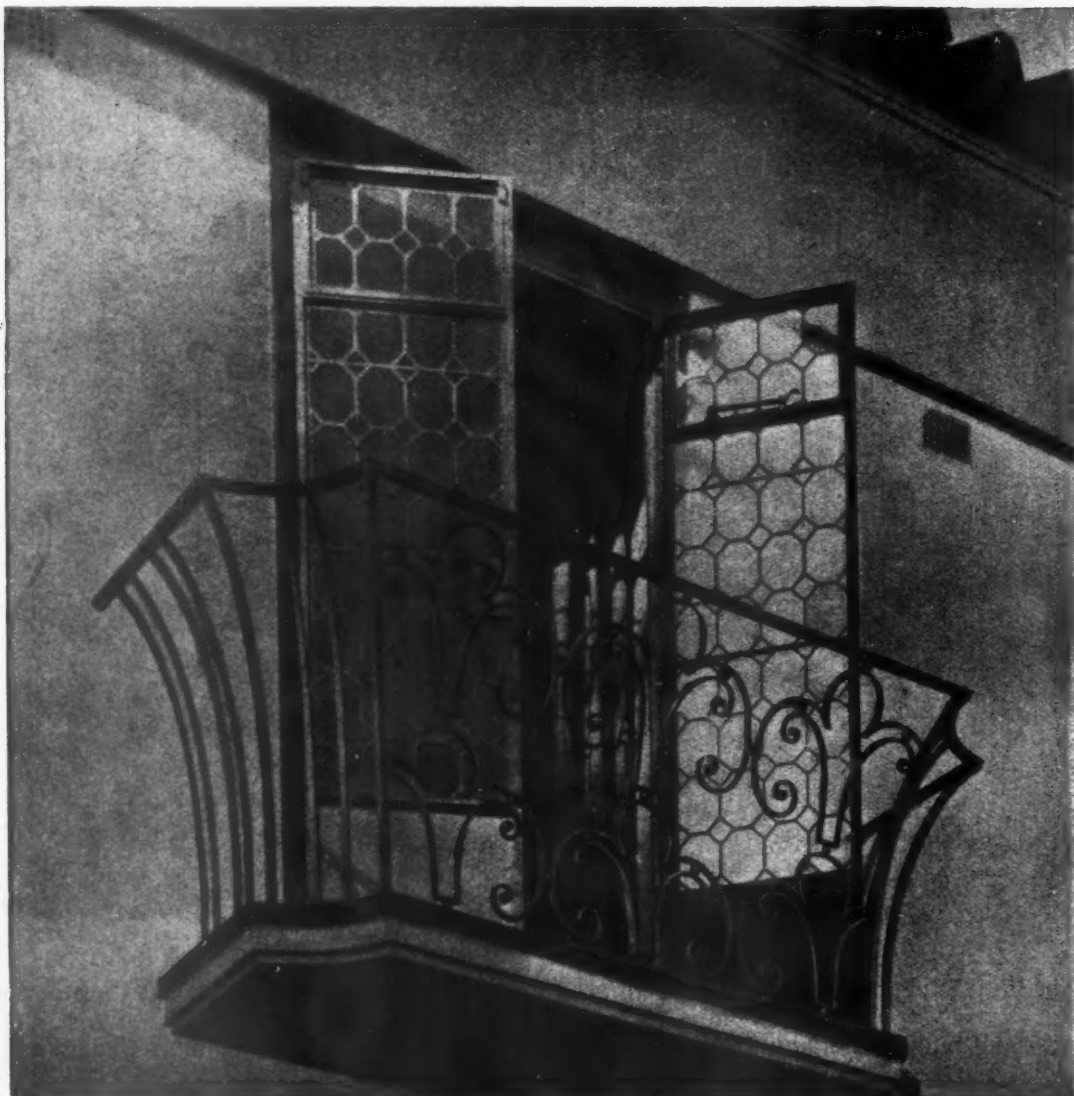
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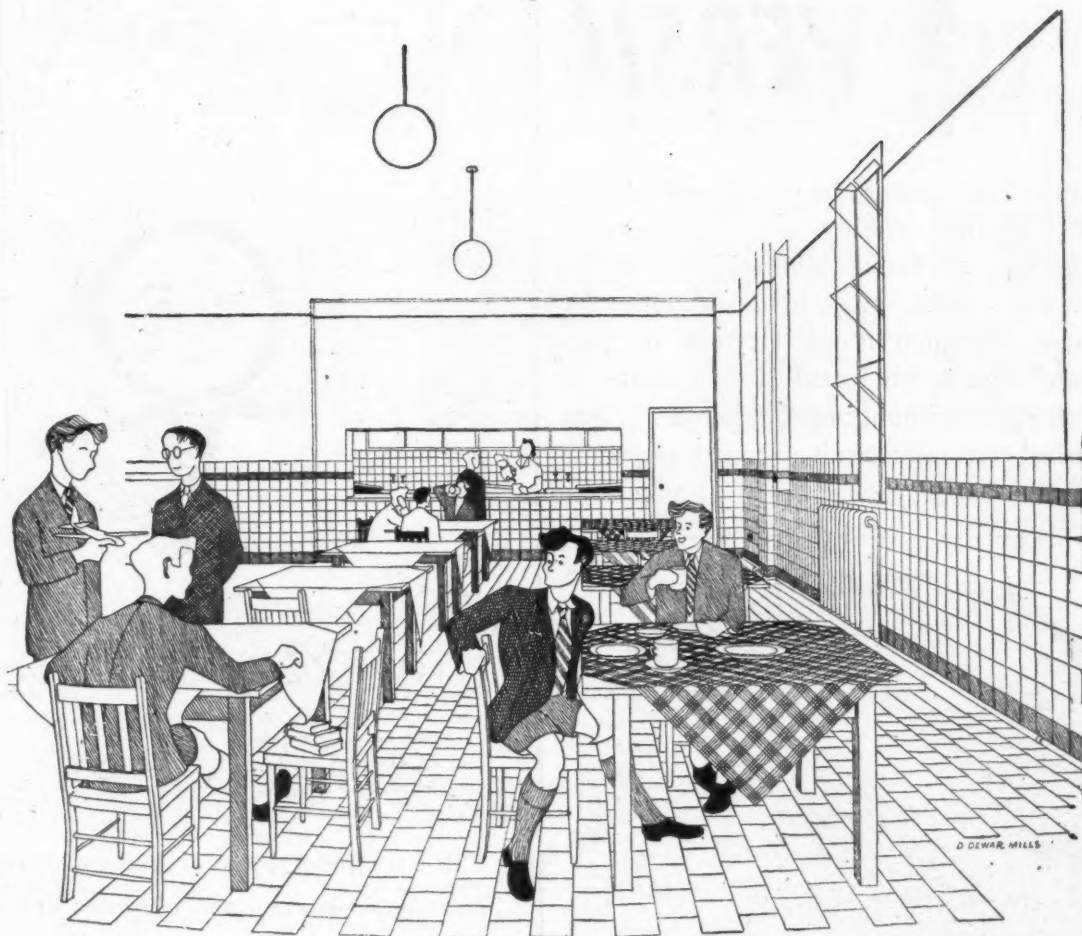
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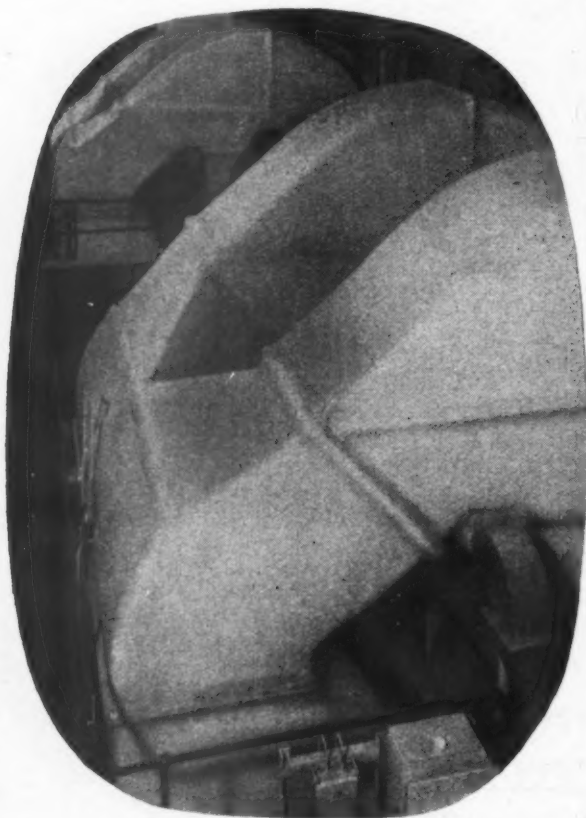
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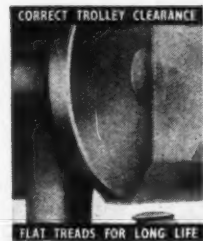
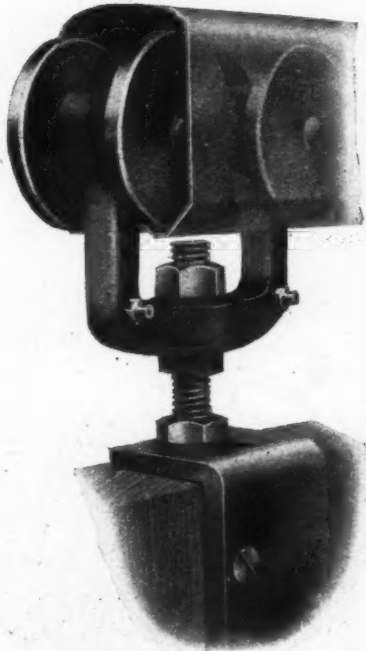


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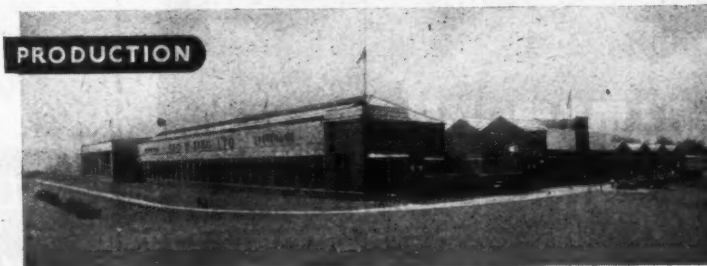


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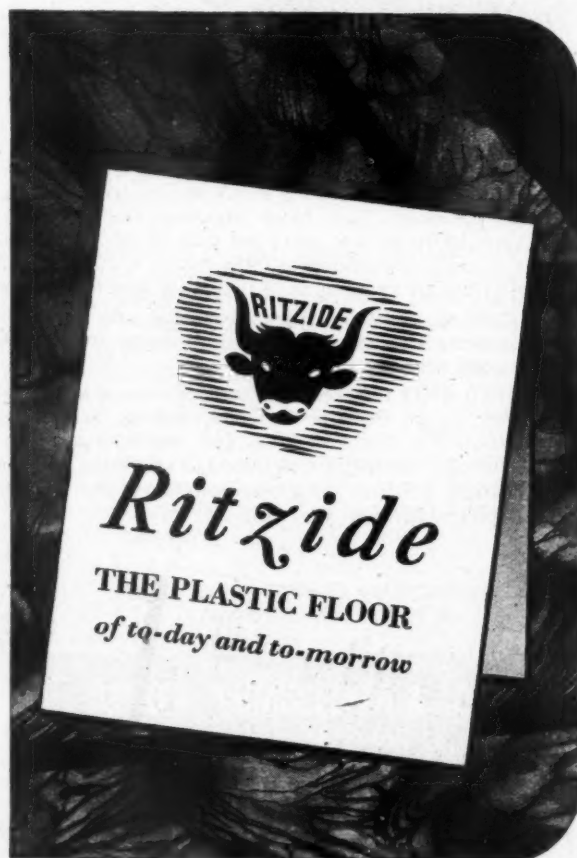
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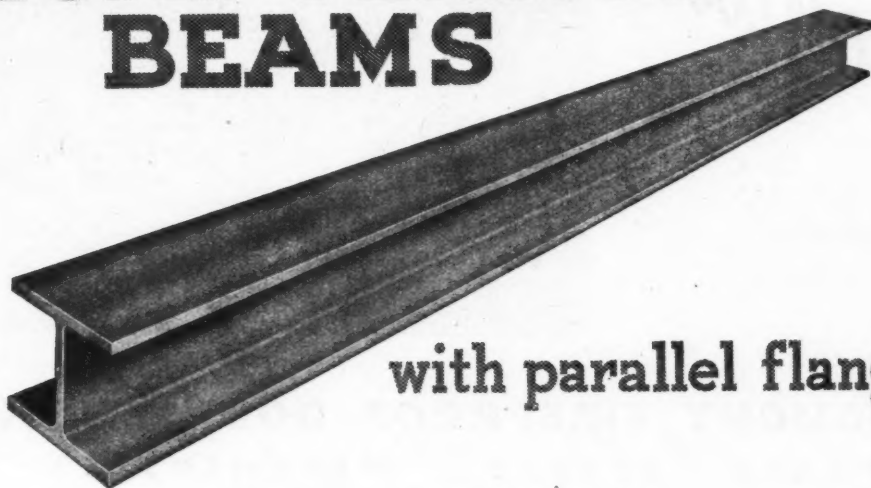


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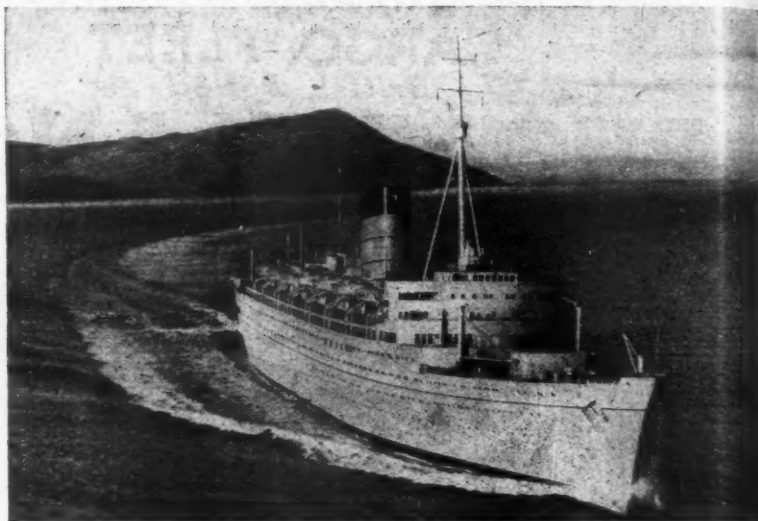


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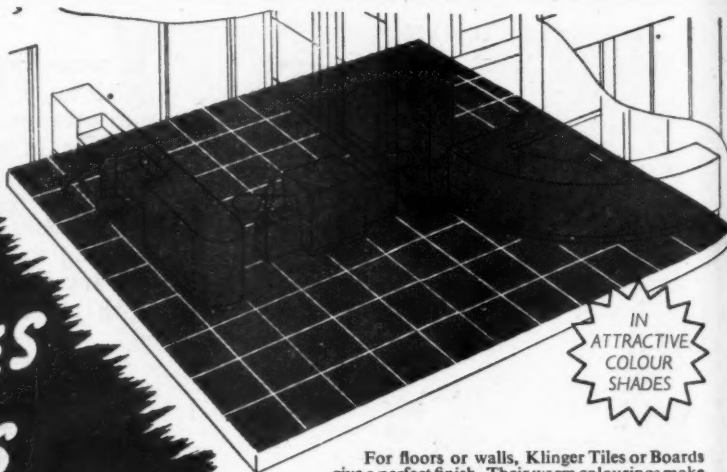
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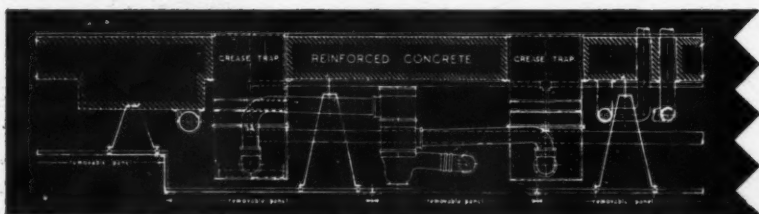
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be added to the subscription list as soon as possible. Subscription rates: by post in the U.K. or abroad, £1 15s. od. per annum. Single copies, 9d.; post free, 11d. Special numbers are included in subscription; single copies, 1s. 6d.; post free, 1s. 9d. Back numbers more than 12 months old (when available), double price. Volumes can be bound complete with index, in cloth cases, for 17s. 6d. each; carriage 1s. extra.

DIARY FOR FEBRUARY MARCH AND APRIL

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

BIRMINGHAM. Dr. C. R. Woods, Ministry of Works, *Standards and Codes of Practice*. At the University Medical Theatre, Edmund Street, Birmingham. (Sponsor, MOW.) 7 p.m. FEB. 16

LONDON. *A Course of Lectures on Timber*. Feb. 17. H. A. Cox. *Timber as a Raw Material*. Feb. 28. D. A. Hubbard. *Modern Adhesives—Their Present and Future Application*. March 10. B. A. Jay. *New Woods for Old—Some Alternatives to Traditional Timbers*. March 21. All lectures begin at 7.15 p.m. and will be held in the Fyvie Hall at the Polytechnic, Regent Street, W.1. (Sponsor, TDA.) FEB.-MARCH

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

"The World from the Air." Exhibition of air photographs and air survey work, at the Alpine Club's Gallery, 74, South Audley Street, W.1. (Sponsor, Hunting Aero-surveys, Ltd.) Hours 10-7 (Fridays 5.30.) UNTIL FEB. 19

Exhibition of Photographs by Members. At the Architectural Association, 34, Bedford Square, W.C.1. (Sponsor, AA.) Monday to Friday, 10-6. Saturday, 10-1. UNTIL FEB. 25

Georgian Architecture in Northern Ireland. Exhibition at the Central Library, Battersea. (Sponsor, ACGB.) UNTIL FEB. 26

LCC Housing Exhibition. At Charing Cross Underground Station. (Sponsor, LCC.) UNTIL FEB. 28

Exhibition of Visual Aids. At the Murray House Exhibition Hall, Vandon Passage, Petty France, S.W.1. (Sponsor, CID.) UNTIL FEB. 28

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

F. J. Wymer and R. B. Hounsfield. *Railways and Town Planning*. Planning Centre, 28, King Street, W.C.2. (Sponsor, T CPA, PEP, APRR.) 6.15. FEB. 10

G. K. MacLean. *Children's Playgrounds*. At the Housing Centre, 13, Suffolk Street, S.W.1. (Sponsor, HC.) 1.15 p.m. FEB. 22

Housing in Holborn Exhibition. At the Housing Centre, 13, Suffolk Street, S.W.1. (Sponsor, HC.) FEB. 14-19

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

Miss Sharp, Holborn Borough Council. *The Housing Work of the Holborn Borough Council*. At the Housing Centre, 13, Suffolk Street, S.W.1. (Sponsor, HC.) 1.15 p.m. FEB. 15

Alison Kelly. *The Enjoyment of Colour, Form and Pattern in Daily Life*. The Library, Uxbridge. (Sponsor, ACGB.) 7.30 p.m. FEB. 15

Sir Patrick Abercrombie. *Planning in Australia*. Planning Centre, 28, King Street, W.C.2. (Sponsor, T CPA.) 6.15. FEB. 16

W. H. Vernon. *The Corrosion of Metals*. Two Cantor Lectures, Royal Society of Arts, John Adam Street, Adelphi, W.C.2. (Sponsor, RSA.) 8 p.m. FEB. 21 AND 28

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

S. Hyde. *The Georgian House*. In the Anatomy Theatre, Gower Street, W.C.1. (Sponsor, University College, London.) 1.15 p.m. FEB. 24

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

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

MANCHESTER. *Exhibition of British Woven Cotton Dress Fabrics*. At the Colour, Design and Style Centre of the Cotton Board, 19, York Street, Manchester, 2. 10 a.m. to 5 p.m. weekdays; Saturdays, 10 a.m. to 12 noon. (Sponsor, The Cotton Board.) UNTIL FEB. 12

READING. *Exhibition showing the models of the proposed theatre for the University of Oxford, designed by Frederick Gibberd*. Museum and Art Gallery, Reading. (Sponsor, ACGB.) UNTIL FEB. 14

STOCKPORT. *History of the British Playhouse*. Exhibition at the War Memorial Art Gallery, Stockport. (Sponsor, ACGB.) FEB. 12-26

STOKE-ON-TRENT. *House Heating Exhibition*. Allied Iron Founders Train. (Sponsor, Allied Iron Founders.) UNTIL FEB. 12

WOLVERHAMPTON. *House Heating Exhibition*. Allied Iron Founders Train. (Sponsor, Allied Iron Founders.) FEB. 14-19

NEWS

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No. 2818 Vol. 109

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

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

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

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

INFORMATION CENTRE INDEX, 1948

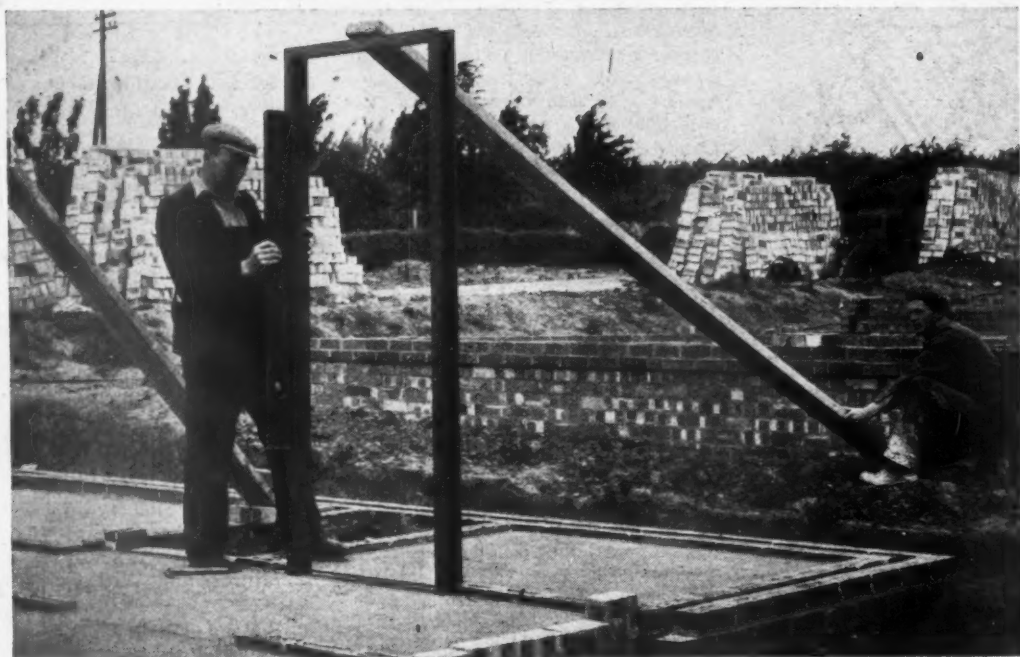
An alphabetical index covering items published during the twelve months ended December 31, 1948, is being prepared. Readers who wish to have a copy—it is free of charge—should complete the form below and post it to the Technical Editor, THE ARCHITECTS' JOURNAL, not later than February 21, 1949.

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From AN ARCHITECT'S Commonplace Book

STARK MODERNITY. [From Houses—The Things We See, by Lionel Brett (Penguin Books).] Ornament was banished (the word ceased to be used unless qualified by the epithet "superfluous"), and with it went the various projections, copings, cornices, string courses, etc., which had traditionally served to throw rainwater clear of the wall face and protect it from penetration. Houses, like their occupants, flaunted their anatomy, and while some had beautiful bodies that (while they remained young) delighted the passer-by, others had not. Any kind of clothing for the bare concrete seemed dishonest. Pure white was *de rigueur* partly because of its exciting novelty, partly because it emphasized the smoothly mechanical texture, and pointed the contrast between it and surrounding nature. Thus with the advent of modern science the wall and roof, which for centuries had done their jobs unobtrusively, ceased effectively to bar heat and cold, sometimes ceased to be water proof, and presented a surface which could neither be cleaned nor happily left to weather. The modern house arrived in a blaze of glory and after a brief summer of astonishing beauty faded like a flower in the frost.

MOTCP is supporting the Bristol City Council in its PLANS TO REDEVELOP BROADMEAD as a central shopping area.

The council's refusal to permit the building of a number of temporary shops and one permanent shop in and around Wine Street and Castle Street has been confirmed by the Ministry. Forty appeals from firms which had been refused permission to build have thus been dismissed on the grounds that such shops, whether permanent or temporary, would adversely affect the proposed redevelopment of Broadmead and hinder the proper replanning of the centre of Bristol.

The first examination for the Association of Building Technicians' CLERK OF WORKS DIPLOMA will be held in April, 1949.

For this year the examination will be only in London unless demand warrants separate sittings in other centres. All applications must reach the ABT Head Office by February 28. The written examination will last for two days, followed by an oral examination. As a temporary measure only, applicants who have held the position of clerk of works or general foreman for at least 10 years will be exempt from the written examination. The following are the examiners: Messrs. D. E. E. Gibson, Norman Keep, F. Skinner, J. Pinckheard, Colin Penn, Paul Mauger, J. W. Nicolls.

and manufacturers frequently selected finishes unsuitable to the shape and service conditions of the component. It was evident that the choice of finishes is often unduly influenced by low price, due to inadequate knowledge of the effects of price on quality. The Council of Industrial Design believes that the quality of industrial finishes is of vital concern to both manufacturers and the public: the life of an article is dependent upon its finish and a bad finish means fewer repeat orders for export, upon which our future depends.

A draft designation order for the creation of a NEW TOWN AT BRACKNELL has been issued.

The new town is intended primarily to accommodate people from Southall, Brentford, Chiswick, Hayes, Harlington, Heston, Isleworth and Twickenham. The present population of Bracknell is some 5,000, and the town is thought to be physically capable of expansion so as to accommodate an additional 20,000 people. Local employment will be provided so that the town will not become a dormitory suburb for London, Reading or Slough. White Waltham, some five miles north of Bracknell, was the site proposed for a new town in the Abercrombie Plan, but this suggestion was turned down because it would have interfered with the working of first-class agricultural land and prevented the full use of White Waltham airfield. The Easthampstead Rural District Council, though agreeing with the proposal for the expansion of Bracknell, decided it

could not undertake such a large project unaided, and consequently the creation of a Development Corporation for the town has been proposed.

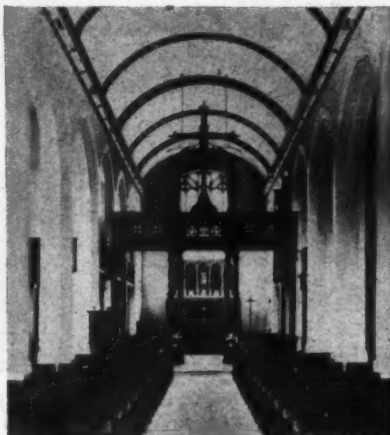
Communications in the area are good, and no railway works beyond those needed for the general improvement of the line will be required. A by-pass road which will run north of the town has already been approved. Representatives of agricultural interests in the district were recently received at the Ministry of Town and Country Planning to discuss the possible effects of the proposed new town on farmland. After their views had been closely considered the decision was reached that no other site equally suitable for the development urgently needed to relieve the congestion in West London could be found. Such disturbance of farmland as cannot be avoided will be timed to take place as late as possible.

★ *Professional men, hotels and clubs may display their nameplates and boards without obtaining permission under the NEW ADVERTISEMENTS REGULATIONS.*

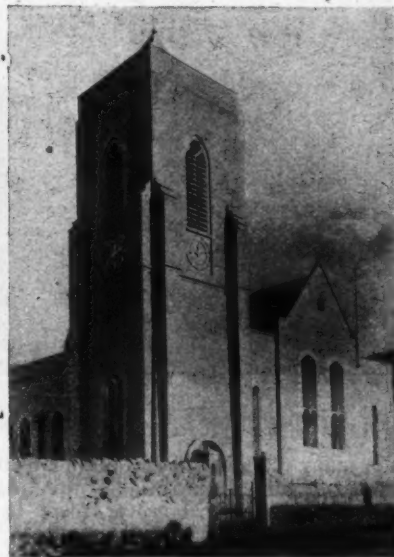
This statement is made in an explanatory memorandum issued by the Ministry of Town and Country Planning. Permission must be obtained for the display of the larger kinds of outdoor commercial advertisements, but a year's grace is allowed to advertisements existing on August 1, 1948, and three years to those displayed on January 7, 1947.

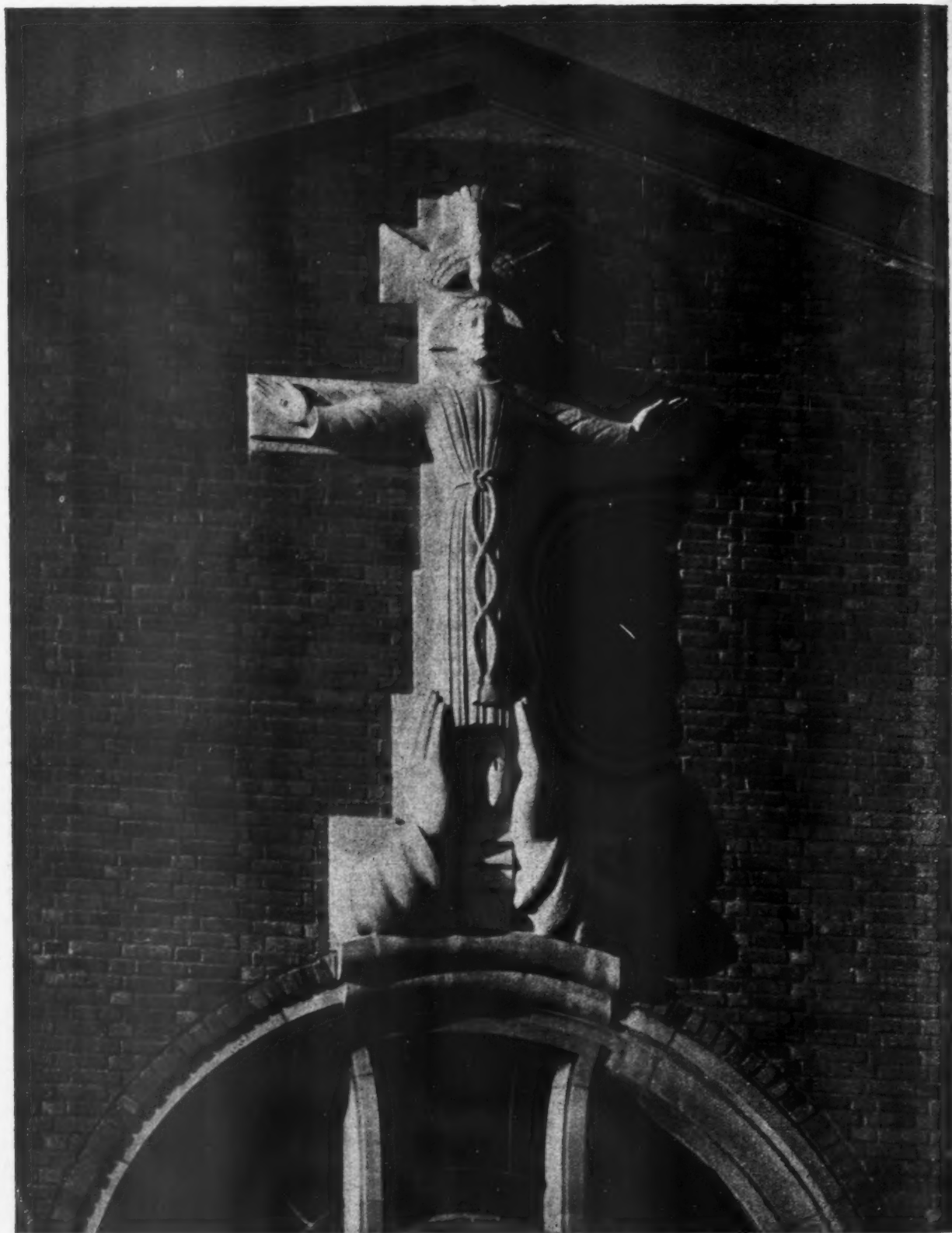
★ *The first national EXHIBITION OF INDUSTRIAL FINISHING to be staged in Great Britain will be held at Earl's Court, London, August 31—September 13.*

This decision has been reached by the Advisory Technical Committee set up by 250 representatives of trade and research associations, firms producing finishes and processing plant, Government Departments and learned societies, who met last month at St. Ermin's Hotel, London, S.W.1, to discuss the project. Evidence of the widespread support for this exhibition was supplied by over 450 firms which were unable to send representatives but asked to be kept informed of developments. The decision to hold an exhibition grew out of investigations by the Council of Industrial Design on the inter-relation of finish, design, service conditions and cost as they affect consumer goods and machinery. It was found that the failure of finishers was more often due to ignorance than to bad workmanship, and that designers



St. Luke's Church, Cowley, by H. F. Rogers: awarded the Bronze Medal of the Berks. Bucks and Oxon. A.A., for the most meritorious building erected in the province between the years 1936-46.





Progress at Guildford

For many years now the work on Guildford Cathedral, the design of Mr. Edward Maufe, R.A., has been greatly restricted. Recently, however, there have been welcome signs of progress; the St. Ursula Porch, on the south side, has been fitted with bronze doors, and is now complete, the

vaulting over the south transept is rising, and above the rose window in the east end has been set the sculpture "The Crucifixion," shown above. The design for this was made by Eric Gill, and executed after his death by his pupil, Mr. Anthony Foster.

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★ THE "LIVE" ARCHITECTURE EXHIBIT FOR THE 1951 FESTIVAL will be a residential neighbourhood unit under construction in Stepney.

It is one of a number of reconstruction schemes to be put in hand by the London County Council, namely, the No. 9 Neighbourhood Unit in the Stepney-Poplar area, bounded by East India Dock Road, Burdett Road, Limehouse Cut and the Railway, in respect of which the Council has decided to make a Compulsory Purchase Order. The No. 9 Unit is one of the redevelopment areas scheduled in the County of London Plan, comprising some 124 acres; of this approximately 38 acres will, it is hoped, be used for exhibition purposes. The exhibition will take the form of a cross-section of a residential neighbourhood in course of construction containing not only houses and flats but a selection of the various other features that go to make up a balanced development. It is hoped to show (a) completed buildings; (b) buildings partially completed but containing show flats or similar special exhibition units, including such devices as exposed structures cut away to demonstrate building techniques; (c) buildings actually in the course of erection demonstrating modern methods of construction and building machinery. This full-scale demonstration will therefore, not only show the advantages of town-planning but also the great advances which are being made in building science. At the close of the exhibition, the redevelopment will be completed for normal occupation; and so at a minimum extra cost of labour and material, not only will the subjects of architecture, town planning and building research have been imaginatively exhibited, but London will have a neighbourhood which, though small, will be of a high standard of design and execution.

★★

West Riding County Council are TO APPOINT THREE DEPUTY COUNTY ARCHITECTS to assist the County Architect, Mr. Hubert Bennett.

Two are to deal with administrative problems, the third with design and production. In future the organization of the County Architect's Department will be divided between staff entirely engaged on design, and those on administrative work. At the present the department is carrying out approximately £1 million worth of work on new educational building and £500,000 more education department work is being carried out in collaboration with private architects.

NEWS IN BRIEF

Mr. Norman Longley of Crawley, Sussex, has been elected President for 1949 of the National Federation of Building Trades Employers. Mr. R. O. Lloyd (Birkenhead), was elected senior Vice-President, and Mr. W. Horsfall (Liversedge Yorks), Councillor Stephen Hudson (Sunderland), and Major J. Ian Robertson (Burton-on-Trent) junior Vice-Presidents.

Increase in Pay. Over 10,000 quarrymen in England and Wales will benefit by an arbitration court's award of an increase of 14d. an hour plus good-time bonus. The minimum rate of 2s. 2d. an hour will operate from February 7.

The Council of the AA held on January 31 a farewell party to Professor Gordon Brown who is leaving to take up his appointment to the Forbes Chair of Architecture at Edinburgh University.

LISTED BUILDINGS

THE question of the listing of buildings of historic or architectural interest, recently raised in the House of Commons, is one of national importance. Despite much destruction in the past, this country is still rich in fine buildings, but losses are likely to continue unless the Minister of Town and Country Planning exercises to the full the powers he now has to prevent them. The 1944 and 1947 Town and Country Planning Acts place the chief responsibility for preservation on the local planning authorities, but the Minister also has three duties: first in considering planning schemes, secondly in hearing appeals, and thirdly, under Section 30 of the 1947 Act, the specific duty of compiling, in consultation with interested authorities, lists of buildings of special architectural or historic value. Sufficient publicity has not been given to the fact that a building so listed cannot be destroyed, or altered to such a degree as to change its character, without two months' notice being given by the owner to the Minister and the local planning authority, which allows time, if necessary, for a building preservation order to be made.

The complaint made in the Commons was that the Minister had neglected this special duty, since his powers to compile lists were granted him under the 1944 Act. Since that date only 575 of the 1,500 administrative areas have been surveyed, and only 184 provisional lists prepared. These, moreover, are for relatively unimportant areas. It is important that these lists should be completed and issued as soon as possible and given fullest publicity in order to ensure that in future nothing is done that will damage our architectural heritage without the full knowledge of the public. Priority should be given to the task of completing the lists in such places as our old University towns, where existing buildings are the principal asset the planner has to take into account. The destruction of irreplaceable buildings is too often due to mere thoughtlessness on the part of property owners, and every facility must be given to planners, and the public at large, to see that the news of the impending destruction of a building does not come too late for the arguments for its preservation to be heard.

The Government, more recently, has set up a committee to consider what steps can be taken to preserve and maintain houses of outstanding historic and architectural interest, and to recommend uses to which they might be put. This is a useful step, but if the report of the committee is not to be merely words it is essential to take fullest action under the various Town and Country Planning Acts. Local planning authorities now possess all the powers necessary to issue building preservation orders; legal proceedings can be taken against individuals who defy orders made, and are, under the Act, subject to a maximum fine of £100. But the clue to the successful operation of this procedure is the completion of the lists referred to.

It is obvious the mere existence of lists of buildings is not enough and the obligations of the Minister to inform local

planning authorities, and the owners of every listed building, must be speedily carried out, every person being made fully aware of his responsibilities under the Act. Especially should the public know that any statutory lists issued must, under the 1947 Act, be made available in the offices of local authorities.

One final point should be made: preservation—the avoidance of destruction—is not everything. Steps must also be taken to ensure that in designing our new towns fullest use is made of important existing buildings, giving them a proper place in future development. They can then play their part in creating a public sensitive to its surroundings and with a growing appreciation of good architecture.



The Architects' Journal

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

Phone: Whitehall 0611

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

ON THE LINE

Railway engines, I had always thought, were (like equestrian statues) subjects upon which every British citizen felt entitled to hold the strongest of aesthetic views. Yet the new colour schemes for locomotives and rolling stock which were announced last week seem to have been stoically received, and, indeed, the railways' request for public criticism during the experimental period met, I hear, with disappointingly meagre results.

The liveries suggested seem cheerful enough, but I still regret (see this column last autumn) the decision to standardize colour schemes by functions rather than by regions. To know that every time and everywhere you travel by express you will ride cradled in crimson lake and cream is surely less romantic than to exchange occasion-

ally GWR cream and chocolate for Southern apple-green? And how dull never to spot an LNER blue loco pulling into Dover and to speculate upon the circumstances which brought it there.

However, I suppose the Railway Executive's scheme is the tidier, and it is, thank God, less monstrously unimaginative than the recent decision of their colleagues, the Docks Executive, to standardize the barge colours on our newly nationalized canals as blue and yellow. ("You won't get me on to one of those . . . yellow perils," was the comment of one of the well-known hostesses on the Cut.)

Incidentally, is the British Colour Council—which recently issued a colour reported to be called sky green—involved in these colour schemes, or is this mysterious outfit concerned only with dress lengths and classy nomenclature?

OLD CHANTREIANS' REUNION

Something — was it nostalgia or masochism?—impelled me to pay a visit the other evening to the Chantrey Bequest pictures at Burlington House. I found it a most moving experience—rather like stumbling across one's old Force bat in the attic or meeting one's former governess in a railway carriage. For there, displayed in the reminiscent haze of an old school dinner, were all our old friends—a bit redder and more veined with cracks than we remembered them, perhaps—but still familiar, and surely for ever beloved. "The Vigil," which hung on the walls of my first study. "Between Two Fires," for years

(thanks to Medici) a decoration in our dining room. "The Hopeless Dawn," a black-and-white version of which adorned my grandmother's hall. "Napoleon on the Bellerophon," as familiar a piece of school furniture as my scored and inky desk (though no master ever told us, for perhaps he did not know, that Orchardson was never happy about this picture, as he considered he'd been overcharged by the man he had got in to help him with the deck planking).

As you have noticed, the critics have had several weeks' good fun remorselessly reassessing old favourites, raising eyebrows at omissions, raking out the embers of the Tate Gallery—Burlington House feud, flogging, in some cases, horses which are very dead indeed (including those of Lucy Kemp Welch). It is true, of course, that so far as British painting is concerned, the period covered was of the lowest standard, that the pictures are for the most part trivial or treacly in subject and either flashy or pedestrian in execution. It is perhaps significant, too, that so many of them were favourites of the schoolroom, following only a few years after Mabel Lucie Attwell and Margaret Tarrant, and that few of us have ever looked at them, or indeed missed them, since. But to my eyes, rheumy with reminiscence, judgment was impossible. I could only marvel at their size—most of them are gargantuan—at their inconsequent prices (£5 for a William Morris drawing, £2,000 for Millais' "Speak! Speak!") and at their unexpected authorship. (Did you know that "Love Locked Out" was painted by an American lady called Mrs. Merrett?)

Well, there they all are, anyway, temporarily released from their cellared obscurity. Don't miss this chance of renewing your acquaintance with them, for it is quite possible you will never see them again.

SHORTAGE OF COPPERS

From every hand comes news of architectural assistants fleeing from under-paid bondage to local authorities. But whither are they fleeing? Some say to more highly paid posts. Others, cynically, that there are no more highly paid posts, and that in order to live—as one used to call "meeting one's

LETTERS

"An LGO Architect"

Future of Architects and Town Planners

SIR,—As a change from the fascinating topic of the future of students, may I quote a few observations from Mr. Donald Monson, a planner from Detroit who recently vindicated our Garden Cities in these columns? He writes:—

"From my too brief survey of British town planning I have the feeling that architects do themselves a disservice in not understanding more about the political and administrative business of town planning. They are too much concerned with buildings alone and hence are at the mercy of borough surveyors and engineers. These latter gentlemen are quite aware of the costs of sewers, roads, etc., and are well entrenched with the politicians.

"The sad story of the London County Council is a case in point. There the necessity of getting housing up in a hurry was overlooked by Forshaw while he was preoccupied with the County of London Plan. Meantime, the politicians in the LCC were pressed for housing. The Valuer promptly moved into this situation, with the result that housing was taken from the office of the City Architect, where it should be, and put in charge of the Valuer's office. From what we were able to find out, the Valuer's office promptly dug up the old and admittedly bad plans and proceeded to build posthaste in complete disregard of the essential principles laid down in the County of London Plan and the Regional Plan.

"Some of the damage was later stopped by the Ministry of Town and Country Planning with the co-operation of the Minister of Health, but the situation is too indicative of the way architects and town planners are outmanoeuvred."

I have seen this kind of thing happening on a small scale in my own borough, although Mr. Monson, who himself said that his survey was too brief, no doubt exaggerated matters in using the phrase "in complete disregard of the essential principles."

Even so, I regret that I do not feel proud of being an LGO architect while simple, practical and reasonably varied housing remains at the mercy of so-called stringent economy and unskilful designers. But there has been some good planning from local authorities lately, and the illustrations in recent numbers of the JOURNAL prove it. There is no reason why the Borough Engineer and his Architect should not work together with real harmony always. There is no legitimate cause for architects and town planners to be "outmanoeuvred" by the clamouring housing queue.

Mr. Monson closed his letter on a cheerful note: "... We will be happy to show you the town and render what help we can. People were so helpful ... that what little we can do for English professional people studying here will be but a small return for the many courtesies we were freely given." I will return the gentle compliment and goodwill from all concerned. What we are learning is that there is not the slightest need for any rivalry or bitterness whatever between surveyors, valuers, engineers, planners and architects. Their several places in the modern community are essential and clear cut, but where there is overlapping in the spheres of planning, valuation, group designing and hygiene, far from there being any call for friction or "That's his pigeon,"



This unusual view of St. Peter's, Rome, taken by Mrs. Eleanor Mitchell, can be seen at the exhibition of members' photographs at the A.A. The exhibition closes on February 26.

obligations"—architectural assistants have taken either to window-cleaning or to crime, since these, as we now all realize, are the only two professions left which offer a reasonable return for the skill involved.

Now listen to this: "Metropolitan Police.—Architectural Assistants, suitably qualified, are required for works on extensive building programme of Houses, Flats, Courts, Stations, Garages, Workshops, etc. Scale, £300 by annual increments to £525 (£450 women). Commencing salary up to £440 (£405 women), according to age. Weekly hours 44 gross. Overtime is paid for. Annual leave 24 days.—Applications to the Chief Architect and Surveyor, New Scotland Yard, S.W.1." (*The Times*, January 19.)

Is Scotland Yard, in anticipating the Oaksey Report, subtly luring renegade architectural assistants back to the hard, straight lines of honest toil at the drawing-board as part of their campaign against lawlessness? If so, the lure does not sparkle. Crime may not pay, but Scotland Yard does not pay very much either. If it really needs help it will have to outbid the local authorities by at least half a crown a week. Meanwhile perhaps one should stick to window-cleaning.

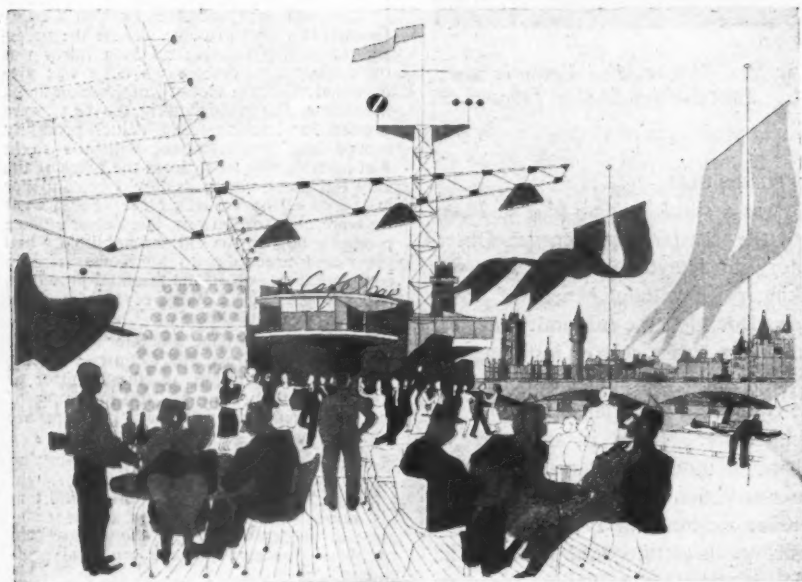
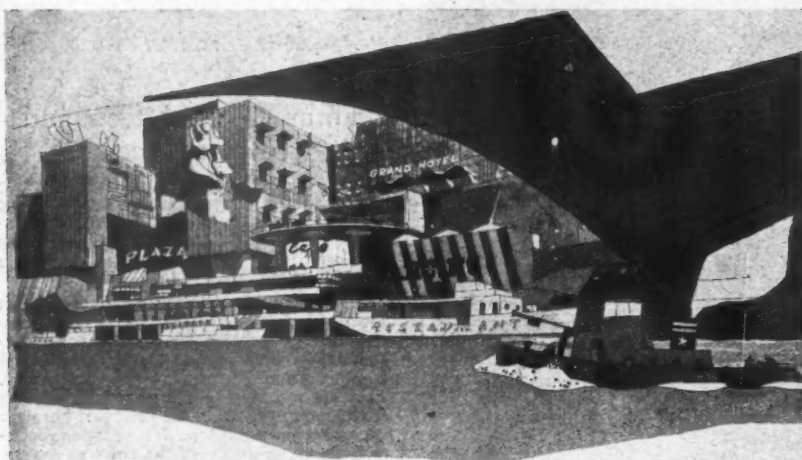
NO FIENES HERE

It was a shock to read in *The Times* that the transfer of Greenwich Observatory to Hurstmonceaux Castle was taking place without benefit of architects. Doubtless the Admiralty engineer will make a fine job of installing the apparatus, but the siting and housing of the equipment may ruin a fine piece of architecture. There is, of course, a school of thought that maintains that the restoration of the castle from its derelict condition in 1913 has already destroyed its architectural interest. The whole of the exterior, however, remains substantially as it was in 1440, or thereabouts, when it was built by Sir Roger Fienes, and the work of Mr. Walter Godfrey, who was responsible for the greater part of the reconstruction, has preserved the original walls. It seems a pity that Mr. Godfrey was not invited to assist in adapting the buildings to their new functions.

Incidentally, what is going to happen to Greenwich? Many of the buildings of the present Observatory, though battered and looking somewhat forlorn, are well worthy of preservation. Flamstead House, of course, will be safe, but what about those charming little buildings with the onion domes; must they disappear?

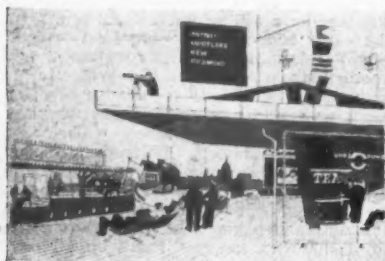
ASTRAGAL

BANKSIDE REGAINED



Considerable attention has been focused recently on the South Bank of the Thames. Work on the new river wall and on site clearance for the 1951 Exhibition has already started. The study of the long-term possibilities of the site in the January number of the *Architectural Review* therefore came at an opportune moment. The Review's scheme, sketched and described by Gordon Cullen, suggested dividing the South Bank into four zones, a cultural one between the Westminster and Waterloo bridges, an office zone between Waterloo and Blackfriars bridges,

and a domestic-industrial zone between Blackfriars and London Bridge. Linking all three zones is a fourth—a new Bankside pier, with pubs, cinemas, bandstands, and dance-halls. The sketches show: top, part of the pier with a two-tiered riverside drive above it and hotels and offices behind. Above, a convertible summer-winter dance hall. Below, left, another part of the pier, showing an open-air cinema and a floating restaurant. Below, right, a sketch of the domestic-industrial zone, showing how careful planning can reconcile two widely different uses.



surely there is even a greater need to be conscious of the Greater Plan on behalf of the greatest good to the greatest number, no matter how much the "queue" may misinterpret this.

The problem as I see it is this. Although housing generally throughout the world is serious enough to be tackled by the United Nations, the progress in this country is not quite bad enough for the "queue" to cry out: Why isn't something being done? The simple reason is that quite a lot is being done, some of it moderately good, most of it uninterestingly passable. But I am convinced that the average borough's housing schemes could be just that vital degree better, the degree that takes them from the passably dull to the charmingly unexpected. Why? Because every planner and architect is capable of a better design than he turns out if he is given that little extra incentive or opportunity to do so.

I'm sure many celebrated architects could vouch for this.

"AN LGO ARCHITECT"

In Parliament

The accusation that the Government had "neglected its responsibilities for the preservation of historic and beautiful houses" was made in the Commons by Mr. E. H. Keeling (Con.—Twickenham).

Concentrating his attack upon the Minister of Town and Country Planning (Mr. Lewis Silkin), the Member declared: "Despite destruction by the enemy without, and the far greater destruction by the vandals within, this country is still enormously rich in fine architecture, ranging from such splendid mansions as Wentworth Woodhouse, now isolated in a desert of open-cast coal workings—had I been Minister of Town and Country Planning I would have resigned my office before I agreed to that desecration—to the lovely rows of cottages in such places as West Wycombe, Lacock and Bibury, all still fortunately intact."

Mr. Keeling pointed out that under the 1944 Town and Country Act lists had to be compiled of buildings of special architectural and historic importance. This afforded some protection against such buildings being altered or destroyed.

He complained that Mr. Silkin had delayed publication of these lists.

Mr. Keeling, who also charged the Minister with neglecting his duty in connection with planning schemes and in hearing planning appeals, concluded: "We preserve ancient buildings not only for their beauty but to show ourselves and our children how English people in the past lived and worked. I think it is deplorable that we have not a Minister of Town and Country Planning who is alive to his responsibilities and opportunities in this matter."

In the absence of Mr. Silkin, the Parliamentary Secretary to the Ministry of Town and Country Planning, Mr. E. M. King, replied to the charges. He asserted that the Labour Government had done more in this matter than any other government in the history of this country.

Answering the charge of delay in publishing the lists, the Parliamentary Secretary said that in all ministries there were ceilings put upon staffs and there was a ceiling upon the Ministry of Town and Country Planning staff.

None the less, out of 1,500 administrative areas in this country 575 had now been completely surveyed and 184 provisional lists were ready to go out.

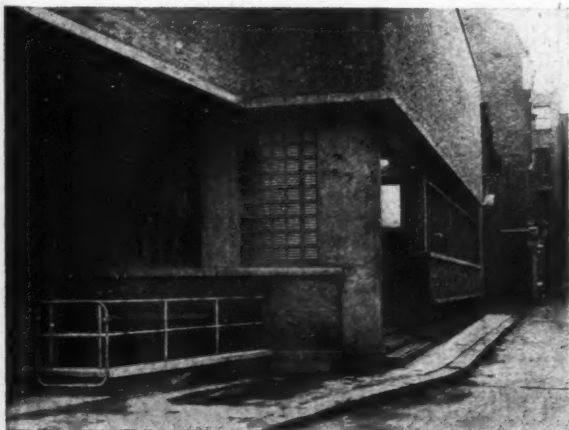
"I want to make it clear to the House that this aspect of our work is one which we value highly," Mr. King assured Members.

Right, the main entrance at night. Below, the offices from King's Head Yard.



OFFICES IN THE BOROUGH, LONDON

BY O. HOWARD LEICESTER & PARTNERS

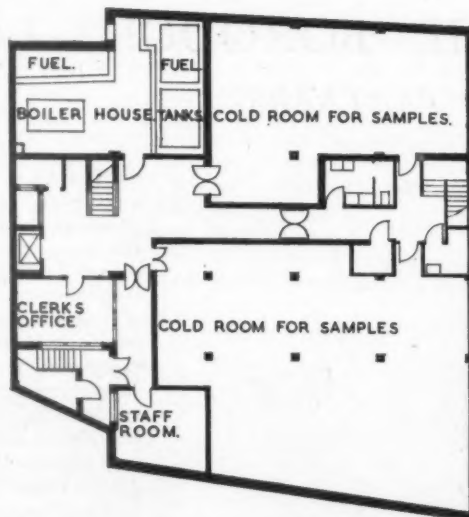


GENERAL.—The purpose of the scheme is to provide a hop exchange building incorporating the latest information on the correct lighting of hop showrooms. Hops are examined by a committee of experts, and valued during certain months of the year. Samples are kept in cool storage in dark rooms in the basement, and are brought up for examination. The site is over 60 ft. deep and very restricted.

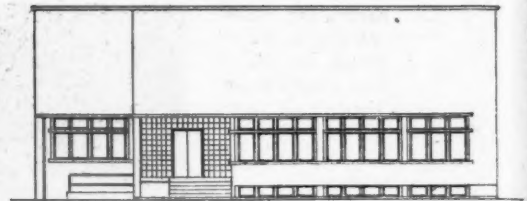
PLAN.—The whole of the first floor was required for showrooms. A special waiver was secured for the area of roof light, which is normally restricted to 50 per cent. of the roof area.



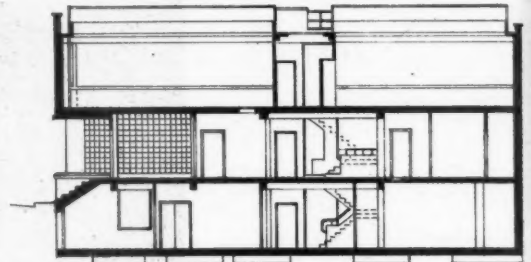
The staircase is lit by glass lens set in the roof concrete. A special waiver was secured to allow the large amount of roof lighting in this building.



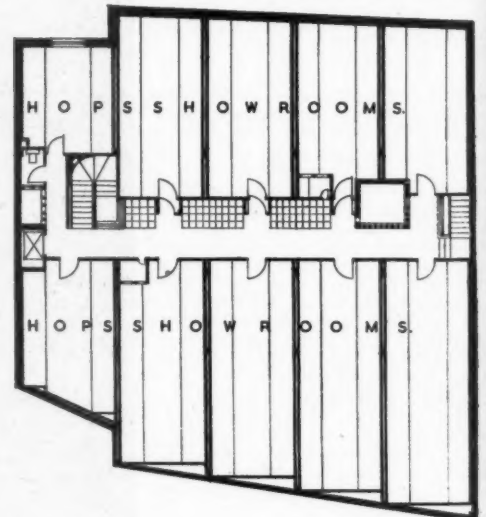
BASEMENT (Scale : $\frac{1}{8}$ " = 1'0")



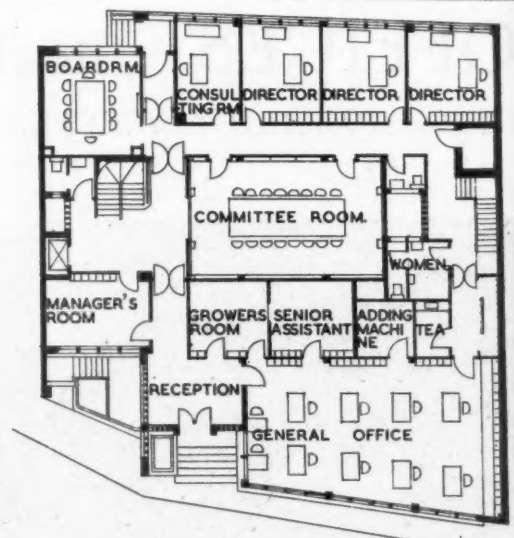
STREET ELEVATION



SECTION THROUGH ENTRANCE

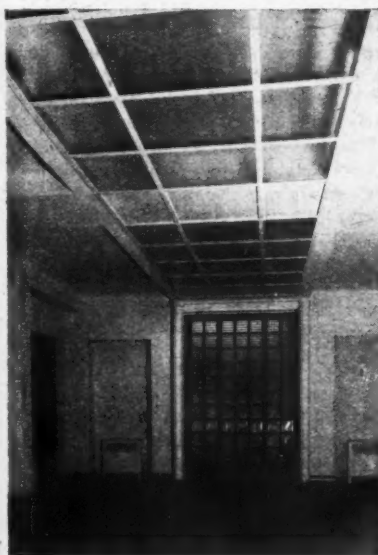


FIRST FLOOR

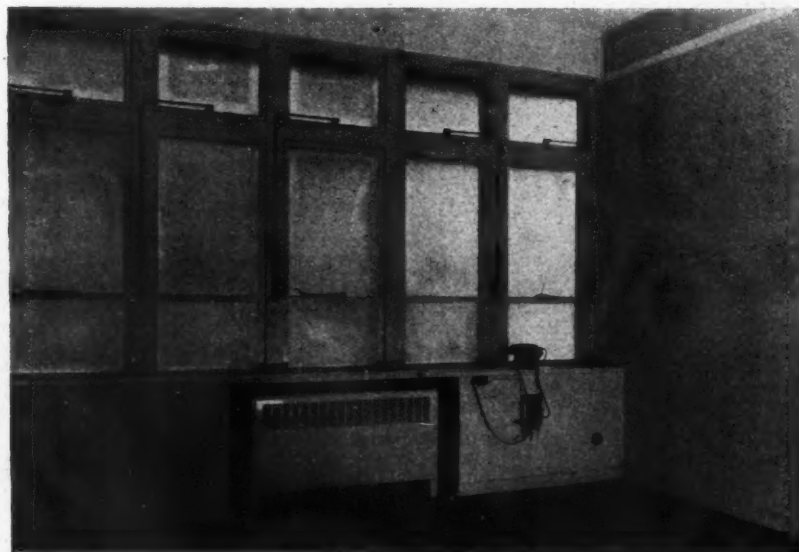


GROUND FLOOR

OFFICES & SHOWROOMS IN THE BOROUGH, LONDON



Top left, the first floor landing; centre left, the committee room; below left, a typical showroom. Above, the staircase, below, an office.



BY O. HOWARD LEICESTER & PARTNERS



Above, a chest of drawers in mahogany and elm and left, three wardrobe units, all designed by R. J. Goodden and R. D. Russell for the Scottish Co-operative Wholesale Society. Each wardrobe unit is reversible, and drawers can be changed from one to the other thus allowing re-arrangement or combination of the units to suit any room.

FURNITURE COMPETITION

A SELECTION OF THE PREMIATED DESIGNS

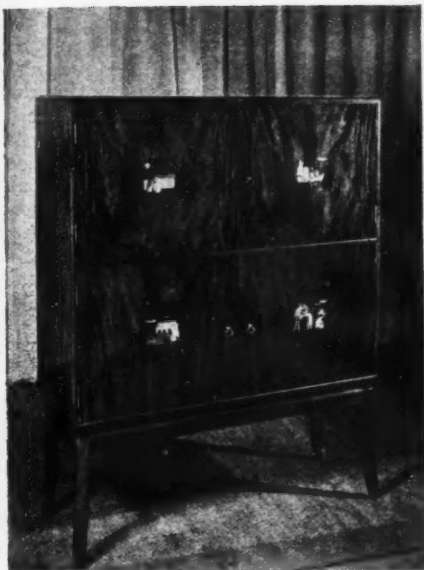
This competition, the results of which were announced in last week's JOURNAL, was organized by the Scottish Committee of the Council of Industrial Design. The judges found two interesting tech-

nical developments, and in each case the firm received a first-class award. One of these was for a dining room chair and table designed by Basil Spence and constructed by H. Morris & Co., Ltd., Glasgow.

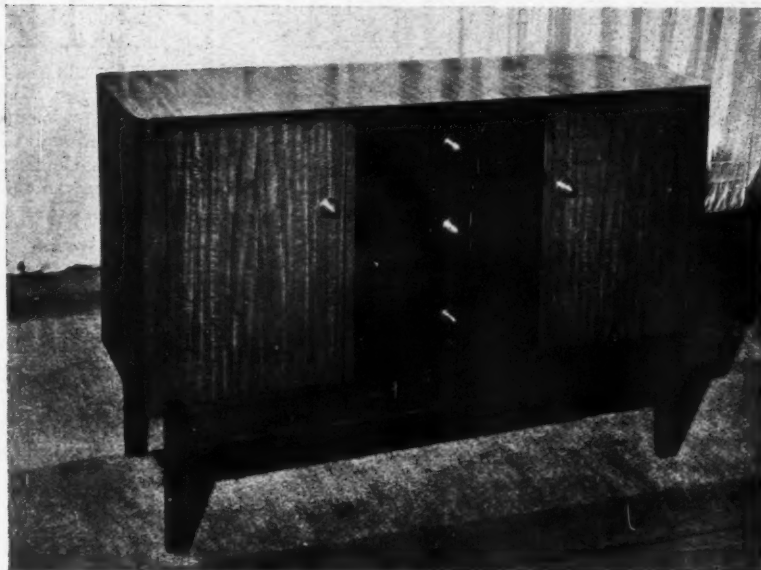
The other new process of construction was used in the sapele mahogany sideboard entered by Matthew Spears & Co., Ltd., Kirkcaldy, and designed by James Henderson.



Above, a mahogany dressing table, designed by J. Connell Pringle for Whytock & Reid, Edinburgh. Left, a man's wardrobe in Indian laurel, African walnut and plywood, designed by Peter Melville for A. H. McIntosh & Co., Ltd., Kirkcaldy.



Above, a mahogany buffet, with marquetry inlays, designed by Peter Melville for A. H. McIntosh & Co., Ltd., Kirkcaldy. Above, right, a sapele mahogany sideboard, by James Henderson for Matthew Spears & Co., Ltd., Kirkcaldy. The sideboard is machine-made and the back, sides and part of the front are shaped in one shell of laminated plywood.



Right, a dining room table and chair in laminated Honduras mahogany and Canadian betula, designed by Basil Spence for H. Morris & Co., Ltd., Glasgow. The laminations are bonded together under high frequency electrical pressure with phenol-formaldehyde. Below, right, a sideboard in beech by Hugh Martin for Fisher, Gillis & Co., Ltd., Dundee. Below, an armchair designed by Montague A. Caplan for N. H. & E. Caplan, Ltd., Glasgow.

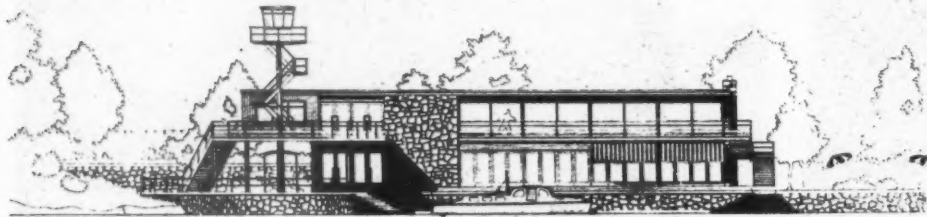


THE TITE PRIZE: 1948-9

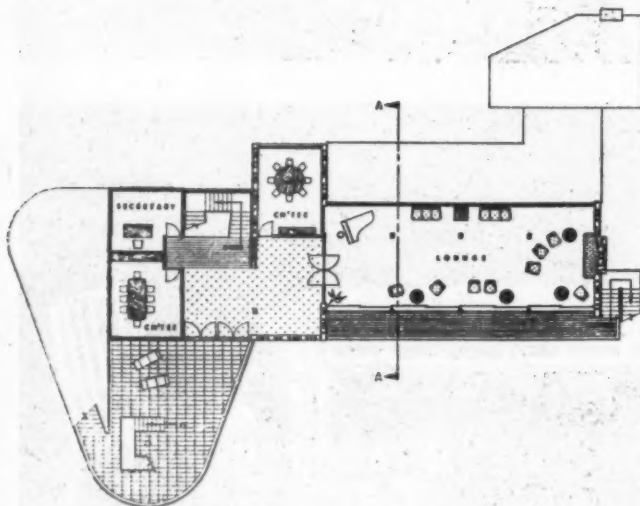
Special interest is given to this year's Tite Prize because it is the first to be held under the new conditions. The competition, originally founded for the study of Italian Architecture, was revised

last year by the RIBA prizes committee, who agreed to remove this restriction, and the scheme shown below is the first design in the contemporary manner to win the Tite prize. The subject for

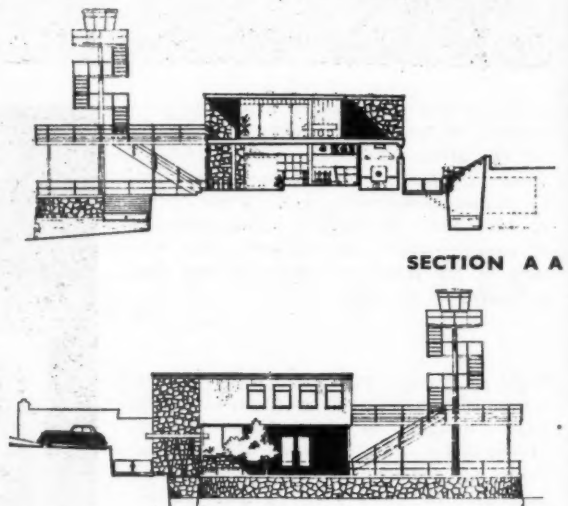
the competition was a rowing club for a new town. The certificate and prize of £100 was won by A. C. Mackintosh, a student of Edinburgh School of Architecture, whose design is illustrated below.



ELEVATION FROM THE RIVER

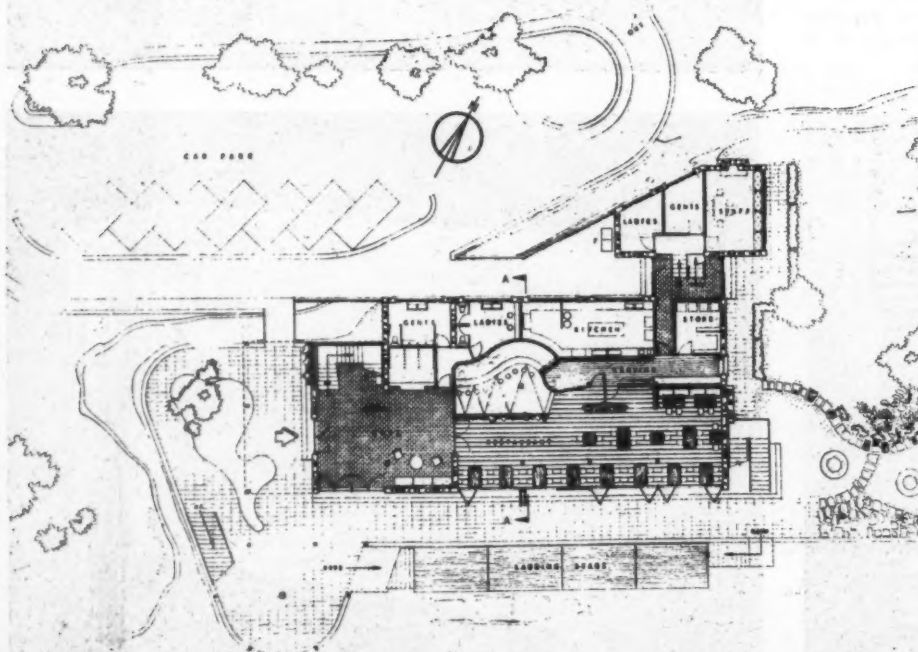


FIRST FLOOR PLAN



SECTION A A

WEST ELEVATION



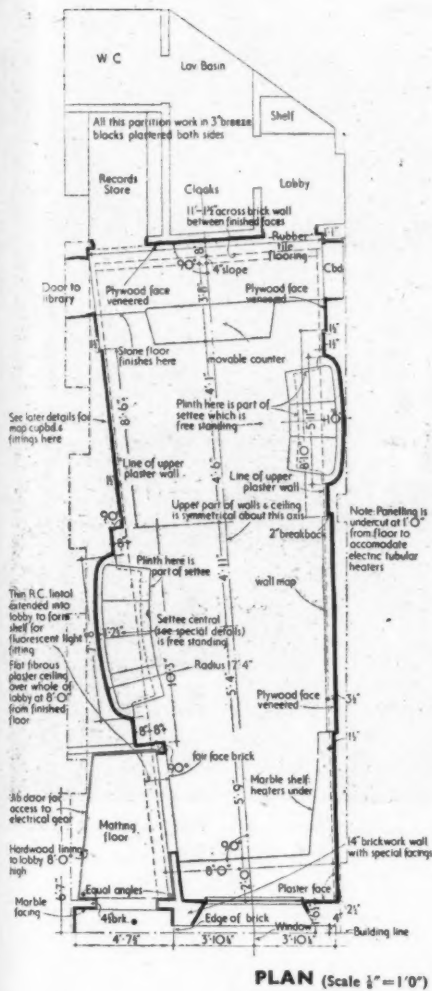
GROUND FLOOR PLAN

ROWING
CLUB FOR
A NEW TOWN

WINNING DESIGN

BY

A. C. MACKINTOSH



PLAN (Scale $\frac{1}{8}'' = 1'0''$)



ENQUIRY BUREAU FOR THE BRITISH ELECTRICITY AUTHORITY, LONDON

DESIGNED BY A. L. OSBORNE



GENERAL.—The BEA Enquiry Bureau, at 164, Great Portland Street, W.1, deals with enquiries from members of the public, firms and those connected with the electrical industry, other outside bodies, and from within the industry itself. The Bureau is able, from its own records and without infringing on functions proper to the Area Boards, to answer immediately questions about

addresses, office-holders, organization and the like.

CONSTRUCTION.—The street elevation consists of a specially selected Loughborough brick laid without bonding, green Tinos marble, and aluminium, wire-brushed and satin finished. The circular window frame is of cast aluminium in six sections; the doors are built up of extruded aluminium sections, with handles turned from the solid metal; and the lettering is fret-cut from aluminium plate. The entrance lobby is lined with thin boards of figured English elm, this wood also

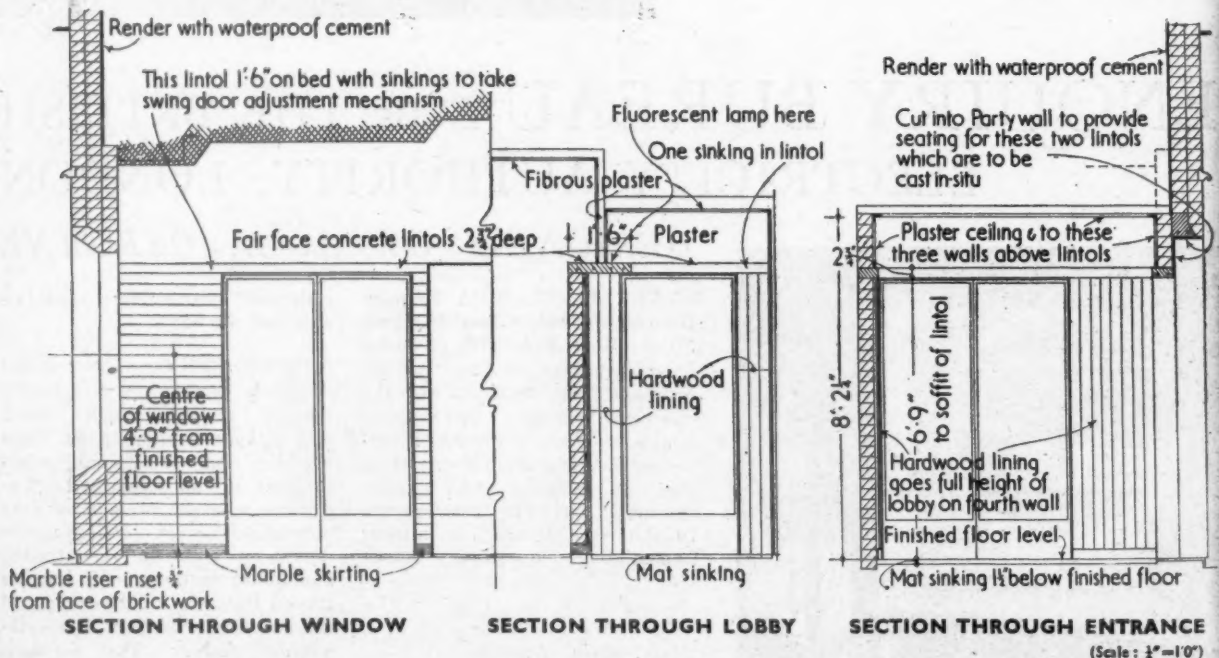
Above, main elevation to Great Portland Street. Left, the entrance area.



being used for door linings and the bases of the fixed furniture. Lombardy elm veneer is used to line the walls, beige marble for the floor, with Lunel Rubane and Loupines marble for the low shelves which screen the banks of tubular heaters. A large wall map is mounted on birds-eye

maple veneer. The built-in settees are upholstered in plastic, lighting is by fluorescent lamps in the stepped fibrous-plaster ceiling; and the heating is thermostatically controlled. The main contractors were Kings (BDJ), Ltd. For list of sub-contractors, see page 152.

Above, left, the enquiry counter; right, the entrance.



ENQUIRY BUREAU BY A. L. OSBORNE

er;



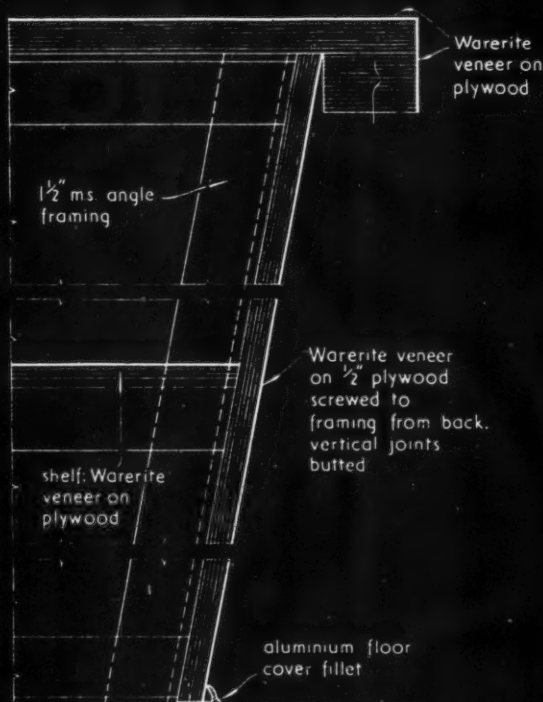
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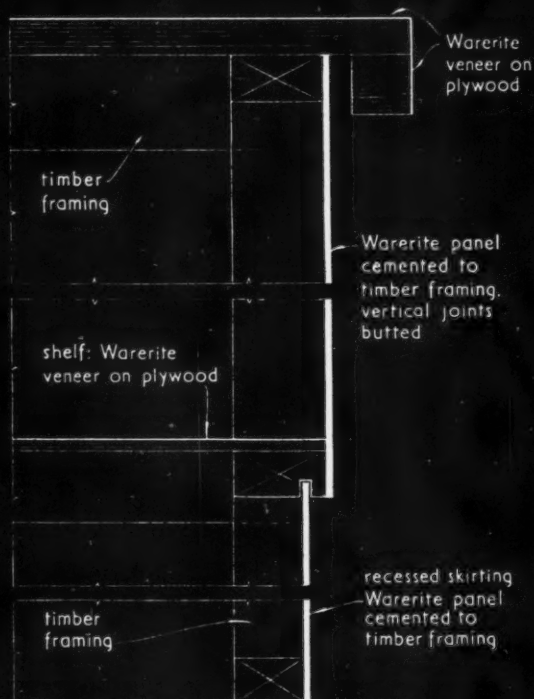
SHEET MATERIALS | PLASTICS | APPLICATIONS

15.T2

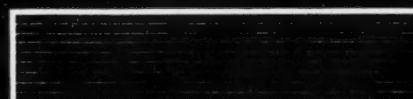
The Architects' Journal Library of Information Sheets 143. Editor: Cotterell Butler, A.R.I.B.A.



TYPICAL METAL FRAMED SHOP OR
● BAR COUNTER: VENEERED PLYWOOD.



TYPICAL TIMBER FRAMED SHOP OR
BAR COUNTER: WARERITE PANELS.



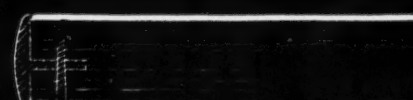
Warerite veneer surface and edge



Warerite veneer surface and hardwood inset edge

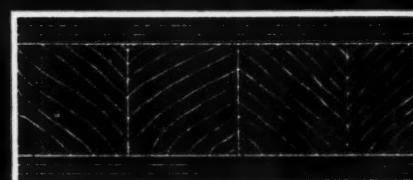


Warerite veneer surface and hardwood edge

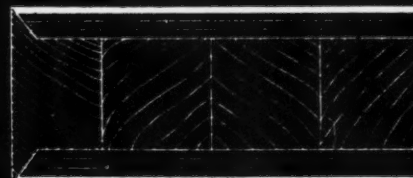


Warerite veneer surface and metal or
plastics T section edge

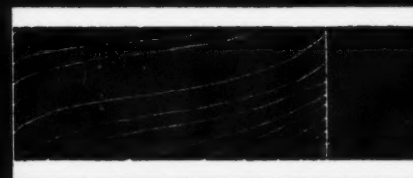
EDGE FINISHES FOR VENEERED PLYWOOD TABLE TOPS.



Warerite veneer on both sides and edge



Warerite veneer on both sides: polished
hardwood edge



Warerite panel cemented on both sides (framed door)

FLUSH DOORS

WARERITE LAMINATED PLASTICS: FURNITURE AND FITTINGS
Manufacturer: Warerite Limited (Unit of Bakelite Limited).

15.T2 • WARERITE • LAMINATED PLASTICS: FURNITURE AND FITTINGS

This Sheet describes the use of Warerite laminated plastics in the forms of veneered boards and panels and illustrates their uses for shop counters, table tops and flush doors. Sheet 15.S1 describes the characteristics of the materials and gives the colour range in which they are available. Sheet 15.T1 illustrates the use of veneered boards and panels as wall coverings.

Veneered Plywood

Counters: In the upper detail the top of the typical counter illustrated is of veneered plywood fixed to a metal frame, using wood screws from the underside. The front, also of veneered plywood, is finished at floor level with an aluminium cover fillet. In the lower detail the top of the counter is of veneered plywood, which is fixed from the underside by screws through the timber framing. The front edges of the counters are built up of plywood surfaced with Warerite veneers which are cemented to the plywood.

Table Tops: Four alternative types of edge finish are illustrated.

Flush doors: These are constructed using the conventional solid plywood or block-board cores to the surfaces of which Warerite veneers are cemented. Alternative edge treatments of Warerite veneer and

hardwood are shown. No provision need be made for finger or kicking plates.

Panels

Counters: In the lower detail the complete counter front is of Warerite panel cemented to a timber frame.

Flush door: Batten frame cores of usual types can be used in conjunction with Warerite panels which are cemented to both faces. Alternative edge treatments can be applied as for veneered plywood doors.

Trade Name

This is a proprietary material manufactured under the trade mark 'Warerite'.

Compiled from information supplied by:

Warerite Limited (Unit of Bakelite Limited)

Address: Ware, Herts.

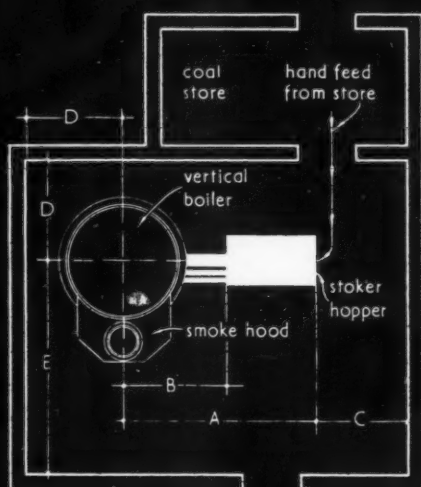
Telephone: Ware 502.

SPACE HEATING | MECHANICAL STOKERS

29.J5

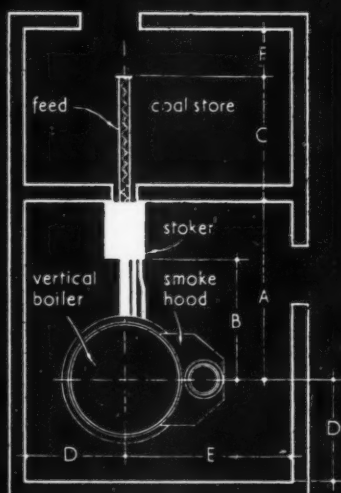
The Architects' Journal Library of Information Sheets 144. Editor: Cotterell Butler, A.R.I.B.A.

note: after first increase length of drive may be further increased in increments of 1'-0"



● HOPPER FEED MODELS.

note: length A may be increased in increments of 1'-0"



● CHAIN DRIVE FROM STORE MODELS.

boiler	lb. steam/hr. f and a° 212°F	model	A	B	C	D	E	first in crease
Cochran boiler	325	40A	7'-3 1/4"	4'-1 3/8"	3'-3"	3'-6"	6'-6"	1'-9 1/2"
	410	40B	7'-3 1/4"	4'-1 3/8"	3'-3"	3'-7 1/2"	6'-7 1/2"	1'-9 1/2"
	625	60A	7'-3 1/4"	4'-1 3/8"	3'-3"	3'-7 1/2"	6'-7 1/2"	1'-9 1/2"
	825	90B	7'-6 1/4"	4'-4"	3'-3"	4'-0"	7'-0"	1'-9 1/2"
	1000	2A	8'-5 3/8"	4'-6 1/2"	4'-0"	4'-3"	7'-3"	1'-0"
	1200	2	8'-5 3/8"	4'-6 1/2"	4'-0"	4'-3"	7'-3"	1'-0"
	1400	3A	8'-8 3/8"	4'-9 1/2"	4'-0"	4'-6"	8'-6"	1'-0"
	2000	3	8'-8 3/8"	4'-9 1/2"	4'-0"	4'-9"	9'-9"	1'-0"
	2700	4	9'-10 3/8"	5'-11 1/2"	4'-0"	5'-0"	10'-0"	1'-0"
	4420	4A	11'-2 3/8"	6'-10"	4'-6"	5'-6"	10'-6"	1'-0"
cross tube	6725	5	11'-5 3/8"	7'-1"	4'-6"	6'-3"	11'-3"	1'-0"
	9250	5A	11'-5 3/8"	7'-1"	4'-6"	6'-6"	11'-6"	1'-0"
	470	90B	7'-6 1/4"	4'-4"	3'-3"	3'-6"	6'-6"	1'-9 1/2"
	560	2A	8'-5 3/8"	4'-6 1/2"	4'-0"	3'-7 1/2"	6'-7 1/2"	1'-0"
	660	2	8'-5 3/8"	4'-6 1/2"	4'-0"	3'-9"	6'-9"	1'-0"
	780	3A	8'-8 3/8"	4'-9 1/2"	4'-0"	3'-10 1/2"	6'-10 1/2"	1'-0"
	960	3	8'-8 3/8"	4'-9 1/2"	4'-0"	4'-0 1/2"	7'-0 1/2"	1'-0"
	1500	4	9'-10 3/8"	5'-11 1/2"	4'-0"	4'-3 1/2"	7'-3 1/2"	1'-0"
	2530	4A	11'-2 3/8"	6'-10"	4'-6"	4'-3 1/2"	7'-3 1/2"	1'-0"
	3040	5	11'-5 3/8"	7'-1"	4'-6"	5'-0"	8'-0"	1'-0"
	4500	5A	11'-5 3/8"	7'-1"	4'-6"	5'-6"	8'-6"	1'-0"

boiler	lb. steam/hr. f and a° 212°F	model	A	B	C	D	E	F
Cochran boiler	360	RL40	5'-0"	3'-3"	4'-0"	3'-6"	6'-6"	1'-0"
	536	RL60	5'-0"	3'-3"	4'-0"	3'-7 1/2"	6'-6"	1'-0"
	625	RL60A	5'-0"	3'-3"	4'-0"	3'-7 1/2"	6'-6"	1'-0"
	825	ALC2A	7'-9"	5'-3"	5'-5 3/8"	4'-0"	7'-0"	2'-0"
	1000	ALC2B	7'-9"	5'-3"	5'-5 3/8"	4'-1 1/2"	7'-3"	2'-0"
	1200	ALC2	7'-9"	5'-3"	5'-5 3/8"	4'-4 1/2"	7'-4 1/2"	2'-0"
	1400	ALC3A	7'-11"	5'-5"	5'-5 3/8"	4'-6"	7'-6"	2'-0"
	1680	ALC3	7'-11"	5'-5"	5'-5 3/8"	4'-7 1/2"	7'-7 1/2"	2'-0"
	2000	ALC4B	8'-1"	5'-7"	5'-5 3/8"	4'-9"	7'-9"	2'-0"
	2600	ALC4	8'-1"	5'-7"	5'-5 3/8"	5'-0"	8'-0"	2'-0"
cross tube	4200	CLC4A	10'-0"	6'-6"	5'-7 1/4"	5'-6"	8'-6"	2'-0"
	6400	CLC5	10'-0"	7'-9"	5'-7 1/4"	6'-3"	9'-3"	2'-0"
	8800	CLC5A	10'-0"	7'-9"	5'-7 1/4"	6'-6"	9'-6"	2'-0"
	470	ALC2A	7'-9"	5'-3"	5'-5 3/8"	3'-6"	6'-6"	2'-0"
	560	ALC2B	7'-9"	5'-3"	5'-5 3/8"	3'-7 1/2"	6'-7 1/2"	2'-0"
	660	ALC2	7'-9"	5'-3"	5'-5 3/8"	3'-9"	6'-9"	2'-0"
	780	ALC3A	7'-11"	5'-5"	5'-5 3/8"	3'-10 1/2"	6'-10 1/2"	2'-0"
	960	ALC3	7'-11"	5'-5"	5'-5 3/8"	4'-0 1/2"	7'-0 1/2"	2'-0"
	1200	ALC4	8'-1"	5'-7"	5'-5 3/8"	4'-2"	7'-2"	2'-0"
	2080	CLC4A	10'-0"	6'-6"	5'-7 1/4"	4'-6 1/2"	7'-6 1/2"	2'-0"
	3060	CLC5	10'-0"	7'-9"	5'-7 1/4"	5'-0"	8'-0"	2'-0"
	4500	CLC5A	10'-0"	7'-9"	5'-7 1/4"	5'-6"	8'-6"	2'-0"

● f and a 212°F = from water at 212°F to steam at 212°F

IRON FIREMAN STOKERS: FEEDING VERTICAL BOILERS FROM 325 TO 9250 LB./STEAM/HR.

Manufacturer: Ashwell and Nesbit Ltd.

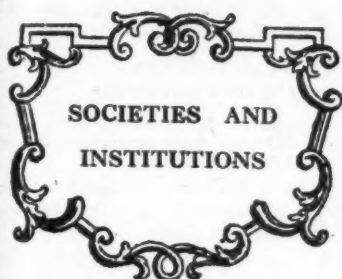
29.J5 IRON FIREMAN STOKERS: FEEDING VERTICAL BOILERS FROM 325 TO 9,250 LB./STEAM/HR.

This Sheet gives layout dimensions for Iron Fireman stokers feeding vertical boilers of capacities from 325 to 9,250 lb./steam/hr. For full details of the operation and general design of the stokers see Sheet 29.J4. Layout dimensions for sectional boilers up to 825,000 B.Th.U./hr., above 825,000 B.Th.U./hr. and flue-type boilers are given on Sheets 29.J3, 29.J4 and 29.J6 respectively.

Compiled from information supplied by :

Ashwell & Nesbit, Ltd.

Head Office : Barkby Road, Leicester.
Telephone : Leicester 27151.
London Office : 12, Great James Street, W.C.1.
Telephone : Holborn 9105.
Glasgow Office : 103, Douglas Street, Glasgow, C.2.
Telephone : Central 1703.
Leeds Office : 32, Headingley Lane, Leeds, 6.
Telephone : Leeds 54655.
Birmingham Office : 12, Whittall Street, Birmingham.
Telephone : Colmore 4047/8.
Manchester Office : 184, Oxford Street, Manchester, 13.
Telephone : Ardwick 1361/2.



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

RIBA

Anthony Chitty

February 8. At the Royal Institute of British Architects. Extracts from Mr. Anthony Chitty's CRITICISM OF THE DRAWINGS SUBMITTED FOR THE RIBA PRIZES AND STUDENTSHIPS.

Anthony Chitty: First of all, let me give my sincere congratulations to all those who took part, to those who won no prizes as well as to those who did, and especially to those who competed in far-off lands, for it requires courage and faith to enter a competition under those conditions. To those who were unsuccessful, it may be some comfort to reflect that at least they achieved the discipline necessary to carry a task to its end—an experience that every architect must have in the execution of his work. Let not those who were unsuccessful last year be discouraged, but let them enter again this year and be successful.

THE TITE PRIZE

There were 211 competitors, of whom 19 were allowed to proceed with their final drawings. The subject was a Rowing Club with a riverside site at the finishing line of the racing reach. This prize, founded "for the study of Italian Architecture," has previously been restricted to design in a particular style, and this conception of architectural design being now outmoded, the RIBA Prizes Committee agreed last year to lift this restriction for the future. It is interesting to observe that the designs submitted, though not in "an historical style," nevertheless share a style which future critics will find no more difficult to date than RIBA prize drawings of the Gothic or classic revivals or the neo-Georgian era. The only conclusion to be drawn from this is that the best architecture is largely independent of the inescapable mask of its contemporary style.

Not many of the competitors really took advantage of the site, and only a few realized that their building would be shown in plan when looked at from the top of the river approach. On the whole, the

entrances were poorly planned, and in hardly any of the schemes was there enough thought given to the relationship between the entrance and staircase or entrance and main lounge. The lounge could either be on the ground or the first floor, but if placed downstairs it should be accessible direct to the terrace. Direct circulation to the restaurant was considered a bad point. Lounges which have a solid wall blocking part of the view up the river were considered poorly planned. In most schemes the kitchen quarters and the servery were too small and inadequate access was allowed for service entrances. On the whole, however, the majority of the schemes submitted managed to get a character suitable to this type of building, though some tried to force the scale in an endeavour to get a more imposing lay-out than was called for. Although the problem was called a Rowing Club, it really had to be regarded as a small sports club with a great attachment to rowing, as the whole of the boat houses, changing rooms, quays, practice boats, and such-like were considered to be further down the river and not part of the scheme. For this reason the jury did not penalize the quite inadequate landing stages and steps shown on almost all the drawings. The prize was awarded to Alastair Mackintosh. This scheme was undoubtedly head and shoulders above the rest for an efficient plan, neat enough elevations and a good simple presentation in black and white with a hint of colour. Competitors had to make the choice of planning the building on one or two floors, and most competitors found the site too small to satisfy a one-floor plan. Like so many of the schemes, the cardinal error was committed here of ignoring the view down the river, an opportunity that the jury felt should not have been missed by any competitor. The other major defect in design was the characterless appearance of the buildings relying altogether too much upon outworn clichés for its effects. While on the subject of cliché, I must mention the sad tendency to be seen in so many designs both for the Tite and for other prizes, towards a harsh medley of modernistic clichés. Do not misunderstand me—the distinction I want to make is between good modern architecture and bad modern architecture, not between a new style and an old style. There is no substitute for continuous and painful study in designing a building, and the use of cliché does not make architecture. The all-glass walls, with little consideration to opening lights, to condensation, to heating, to draughts; the rustic stonework, the complex of vertical and horizontal features, the lack of finesse in detail, the arbitrary roof shapes, and the use of the round window. These elements too easily become meaningless in inexpert hands.

THE VICTORY SCHOLARSHIP

Now we come to the Victory for which 72 competitors entered and 15 were permitted to finish. This was a mammoth task—the planning of an aquarium, together with the headquarters of a learned body, cinema, restaurant and other ancillary buildings upon a falling river site. The contours of the site were really the key to the scheme, though many competitors missed this point, and placed high buildings unsuitably against the skyline. The winner, W. Fowler Howitt, produced a really first-class scheme. The planning was masterly and the details were technically sound, while the underlying ideas of the terrace layout and dispersal of buildings on the site was brilliant. The water cascade was excellently handled and a big feature in the design. The whole scheme, like most of those submitted in the programme, kept close to the original *esquisse*. The way was left open to disperse the various buildings on the site, and most of those who ignored this came to grief accordingly with lumpy groupings, and in one case even a courtyard plan.

The standard of draughtsmanship in the Victory this year was generally low—in fact the Tite submissions were higher in this respect, and I would like here to make a plea for better draughtsmanship throughout the schools. In some schools there has recently been a slightly contemptuous attitude to matters of presentation and drawing and colouring technique. But we should not forget that the drawing is the only link the architect has with client, quantity surveyor, builder and operative. If this medium is imperfect—so also will be the interpretation of the architect's idea.

RIBA SILVER MEDAL FOR MEASURED DRAWINGS

The prize was sadly neglected, there being only two entrants, though the winner's standard was good. The prize goes to Brian Ellsmoor, whose drawings of St. Catherine's College, Cambridge, were excellent. The set showed a grasp of what measured drawings are for as well as being sensitively drawn. The original survey notes had been redone as a fair copy in 3 volumes and form an excellent record. One defect was the suggestion of shadow by thickening of some lines, as well as an attempt to show roundness by the same method. This technique is not proper to measured drawings.

THE OWEN JONES STUDENTSHIP

This prize of a certificate and the sum of £100 is stated to be for "the Improvement and Cultivation of Knowledge of the successful application of colour as a means of Architectural Expression." There were five entries. The work of Miss Norah Glover was outstanding and received the prize. Nothing submitted by any competitor was quite as competent and imaginative as the floral composition on the screen, and the drawing of the double veranda was quite charming. The competitor submitted no portfolio, however, and it was not felt that the other drawings on the screen gave evidence of any particular direction in her studies with the exception of the sketch of the Morris wallpaper.

THE ALFRED BOSSOM RESEARCH FELLOWSHIP

This valuable post-graduate research prize of £250 was awarded to Denzil Nield, who submitted a programme of research upon panel walls in framed structures with special reference to facings and finish.

THE ARTHUR CATES PRIZE

The Arthur Cates Prize of £100 is offered for "the promotion of the study of Architecture; more especially in relation to the application of geometry to vaulting, stability of edifice and design, coupled with actual measurement, and delineation both geometrical and pictorial of appropriate example in Great Britain or foreign countries." This prize was not awarded. Under the terms of the award, since it has not been made in 1948, in 1949 the prize is offered for the promotion of architecture in relation to some other subject, not vaulting. It should be remembered that this and other post-graduate prizes call for the contribution of something new to the body of knowledge or thought upon the particular subject chosen.

THE HUNT BURSARY

This prize, a sum of £75 for the study of housing and town planning, has been awarded to Miss Josephine Reynolds. There were five competitors. The jury found Miss Reynolds the only competitor showing real evidence of scholarly research in the true sense. There is nowadays too great a tendency for students to dig out information already well known and catalogued, comment generally upon it, and having put it into an attractive binding, label it "Research." This is not research as nothing new comes to light and no contribution is made to the subject in question.

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

TECHNICAL SECTION

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

INFORMATION CENTRE

1 SOCIOLOGY. 1 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.

4.44 planning: urban and rural INDUSTRIAL ESTATES

The Planning and Development of Industrial Estates. G. Perry. (Journal of the Royal Sanitary Inst., Nov., 1948. pp. 606-616.)

Useful paper by Chief Engineer of North Eastern Trading Estates, Ltd. Site problems. Planning considerations. Estate development experiences. Maps and diagrams.

In an introduction the author traces the development of industrial estate planning since the passing of the Special Areas Act, 1934. This Act was introduced in order to provide for diversity of industry and in particular for modern light industrial sites of suitable character in those areas which today are known as development areas, to relieve unemployment. Non-profit-making organisations, such as the Trading Estate Companies, were set up with the object of building and leasing factories and of providing the right kind of industrial facilities. During the war, the Barlow and Uthwatt Reports both directed attention to the need for further legislation on the subject. The result was the passing of the Distribution of Industries Act, 1945, which empowered the President of the Board of Trade to undertake development programmes for factory construction through the agency of the industrial estate companies.

The siting of industrial estates presents major problems. Communications should be adequate, with ample facilities for road and rail transport. The new site should have publicity value in order to ensure public recognition. Other factors to be considered include availability of public utility services and their capacity for expansion, the quantity and quality of local labour, access to raw materials, local markets, and housing for key-workers and managerial

staff. In mineral areas the question of surface support in respect to past, present and future underground workings, constitutes a major factor concerning site selection.

Notes devoted to the efficient planning of industrial estates deal with the factories themselves and with the advantages of solving difficulties on a communal basis, which would be totally uneconomic and impracticable for an individual factory on an isolated site. Such difficulties include rail haulage, road and rail weighbridges, garage and service station, the collection and disposal of industrial refuse, medical attention, nursery schools, playing fields and other recreational and social facilities. Accommodation for many services which are necessary to modern industry can be provided on a self-supporting basis. Amongst these are banks, post office, employment exchange, police and fire stations, etc. While the paper deals only briefly with all these various ancillaries, it provides a fuller description of the following aspects:—The increased use of bus transport and the siting of the bus station; railway sidings; rail-road transport; water, gas and electricity supply; central administrative and recreational buildings; canteen facilities and sports grounds.

A final section of the paper discusses estate development in the North-East Development Area, drawing attention to the problems which have arisen and the way in which they have been dealt with.

4.45 planning: urban and rural SWANSEA REDEVELOPMENT

(1) *Industrial Planning at Swansea.* J. E. Jenkins. (2) *The Preparation of an Outline Development Plan for Swansea.* D. F. Offord. (3) *Reconstruction of Central Town Area, Swansea.* O. A. Hodgkinson. (4) *Swansea Housing Programme, with Special Reference to Neighbourhood Development at Penlan.* D. J. Milford Davis. (Journal of the Inst. of Municipal Eng., Nov. 2, 1948, pp. 285-302, 303-320, 321-327, 328-340.)

Four detailed factual papers dealing with redevelopment at Swansea. Trading estate scheme. Clearance of dereliction left by former industries. Physical and geological structure in relation to outline development plan. Early history of town, and industrial and other developments since 1918. Outline planning proposals. Replanning and reconstruction of heavily war-damaged central town area. Post-war housing programme and progress. Development plan for new neighbourhood site three miles from town centre. All papers are illustrated and accompanied by statistical data.

10.45 design: building types OFFICE IN PORTLAND, ORE.

Equitable Builds a Leader. (Architectural Forum [USA], Sept., 1948, pp. 97-105.)

Reinforced concrete 12-storey framed office building, Portland, Ore. Spectacular building.

External walls faced with $\frac{1}{4}$ in. sheet aluminium. Main features: huge areas of sea-green glass. Windows of sealed double

glazing, outer sheet of $\frac{1}{4}$ in. heat-absorbing plate. Air completely conditioned.

15.45 materials: applied finishes LINOLEUM ON CONCRETE

The Laying of Linoleum upon Concrete Floors. National Building Studies Bulletin No. 5. (HMSO, 1948. 4d.)

Primarily a discussion of damp resistant treatment of ground floors with some mention of adhesives. Useful.

There is no great difficulty in laying linoleum on suspended concrete floors but the present widespread use of solid ground floors makes an authoritative statement on methods of laying linoleum most useful. Backed by a widespread investigation of linoleum finishes in huts as well as by laboratory studies this bulletin makes it quite clear not only that a damp-resisting membrane is essential but that if this is provided only as a surface treatment it is by no means always satisfactory. The treatment of the concrete with a waterproofer is not an adequate safeguard. It appears therefore that a "sandwich" floor is needed unless the concrete is topped with some finish such as a thick layer of asphalt.

The bulletin discusses various possible methods and describes their application. It also discusses adhesives but its advice about these is of a very general nature.

16.45 materials: miscellaneous PLASTICS IN BUILDING

The Use of Plastics in Building. R. J. Schaffer (The Builder, Oct. 15, 1948.)

Summary of uses to which plastics have been put in building, and of possible extensions in use, together with general and detailed comments on their suitability. A useful paper which should give a more practical and reasoned approach to the use of plastics than is often shown.

The article describes in what ways plastics may be used with advantage—and not merely for the sake of using plastics—and gives a clear indication of the main uses for which the various classes of plastic products are likely to be developed and improved.

Proprietary names are not mentioned, but in most examples quoted the proprietary



THE LIBRARY OF INFORMATION SHEETS

SUPPLEMENTARY SHEETS: FILING

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products now on the market will be recognized. In this connection, the author states that for plastic mouldings for fittings the industry has recognized the need to safeguard itself and the public against badly designed or cheaply made fittings, and steps are being taken to ensure that the purchaser can easily discern products of reliable manufacture: this guarantee may eventually take the form of a certification mark which would appear on the finished article and which would be an indication that the article may be purchased with full confidence and that it will meet every reasonable requirement. In an industry which is technically intricate, this safeguard will be extremely useful for the layman and architect alike.

18.19 construction: theory FIRE PROTECTION

Fire Protection Notes for Storage Buildings. Publication No. 4. (Fire Offices' Committee, Fire Protection Association, Nov., 1948.)

Six pp. pamphlet giving general advice about protection against fire in buildings or part of buildings used for storage. Contains some useful detailed points for architects to note.

19.57 construction: details LAMINATED TIMBER FRAMES

Shop Fabrication of Wood Trusses and Laminated Beams Expedites Erection and Spurs Low-cost Building. Verne Ketchum. (Eng. News-Record [USA], Oct. 28, 1948, pp. 106-8.)

Recent developments in glued-laminated timber construction. Details of sheet metal anchors for connecting light members. Three-hinged rigid frames with double scarf joints.

19.58 construction: details DESIGN CONSIDERATIONS

First Costs Don't Tell The Whole Story. Nomer Gray. (Eng. News-Record [USA], Oct. 28, 1948, pp. 102-3.)

Examples of structural details influencing operating costs.

One example shows a three storey laboratory building with basement, 202 ft. long by 55 ft. wide, in which the area of suspended ceilings was considerably reduced by a suitable arrangement of the framing. An interesting feature of this job is the offset of the interior columns from a line connecting the centres of the exterior columns to avoid the division of pipe enclosures.

A second example shows details of a shadow-box window suitable for air conditioned buildings, where for psychological reasons windows are desirable.

20.107 construction: complete structures BOAC OFFICES

Offices at Brentford. W. H. Williams. (The Architects' Journal, Dec. 9, 1948, pp. 529-530 and other journals.)

Single-storey office buildings of unorthodox construction. Columns in pre-cast prestressed concrete, roof trusses in extruded aluminium, pre-cast wall panels in "Alcrete."

21.25 construction: miscellaneous CONCRETE MIXING PLANT

The Efficiency of Concrete Mixing Plant. L. J. Murdock. (Journal of the Inst. of Civil Engineers, Nov., 1948. pp. 56-81.)

Report on comprehensive investigation of efficiency of several types of concrete mixing plants and of effect of various factors.

The object of the investigation was to find out the causes of variability in the concrete produced. The quality of concrete depends on a large number of factors, e.g., the method of proportioning the materials, the measurement and control of water, the design of the mixing drum, the possibility of errors, etc. The results serve to show that the accuracy of weighing machines and water measuring devices should always be verified at frequent intervals, and that concrete mixers do not necessarily produce uniform concrete, as has hitherto been accepted. Of particular interest is the finding that the strength of concrete taken from the back of a drum mixer is lower than that of concrete taken from the front. The main conclusion that can be drawn from this investigation is the desirability of improvement in the design of mixers, not to increase output but to reduce the variability of the concrete.

23.91 heating and ventilation APPROVED DOMESTIC HEATERS

List of Improved Solid Fuel Heating Appliances. (Building Digest, Dec., 1948.)

List of solid fuel burning appliances as approved in latest Ministry of Health circular on Local Authority Housing.

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

2975 CONTROLLED PRICE OF TIMBER

Q We are dealing with some accounts from a contractor in connection with a housing scheme.

In the schedule of Basic Prices made when the contract was let, the contractor stated that the basic price for timber was "at controlled prices."

This figure is stated by a local timber merchant to average £53 per standard, and the contractor has based his claim upon this figure and has charged in addition for all flat cuts, etc.

We are inclined to think that the figure of £53 is too low, and shall be glad of any information you can give us which we could take as being a fair average price for good ordinary building timber in March, 1947.

As this means a very considerable extra if his prices are accepted, we shall be glad to have further advice.

We have, of course, seen the Statutory Rules and Orders, but these are very complicated and do not give the average price which we are seeking.

A The question you have raised is a rather difficult and controversial one. The cost of timber, delivered to site, is based upon the basic prices in the appropriate Control Order (which vary according to quality, etc.), port differentials, haulage and milling charges.

Some contractors claim that the total cost represents the "controlled price," as the haulage and milling charges are controlled by trade organizations; other persons who have to deal with these matters claim that

"control" means Government control, and that the only item subject to fluctuation under the contract is the Control Order price.

If you decide to allow the increased cost caused by Government Control Orders, your task is simple, as the increase since March, 1947, is £19 15s. 0d. per standard.

If you decide that the total cost of timber delivered to site is subject to fluctuation, you will have to add to the £19 15s. 0d. any increase due to port differential, haulage and milling charges. You can require the contractor to supply particulars of these, which may take the form of a statement in writing from his suppliers.

It is very probable that the contractor had not purchased exactly the same quality timber as was allowed in his original estimate. This, if it has occurred, is a variation and not a genuine price increase, and it will be for you to decide whether or not to allow any increased costs that have been incurred in this way. Again, the onus is upon the contractor to provide the necessary evidence.

It would be simpler, of course, for you to compare an assessed average price for March, 1947, with the actual prices paid as shown on invoices, and in the absence of detailed particulars, it is not possible to say that £53 per standard was an unfair average price for timber delivered to site during March, 1947.

If you decide to adopt this apparently simpler method, you will have to bear in mind that you are granting all increases in cost, including those caused by variations in quality, and that you may also be allowing for a greater degree of milling, sorting, etc., than was allowed in your assessed average for 1947. In practice, this method often shows an apparent increase which is not justified by the facts, which leads to argument about the original assessment; for this reason, this method is not as simple as it appears at first sight.

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THE INDUSTRY

By Brian Grant

SIMPLIFIED DRAINAGE

The technical staff of Finch & Co. have produced a unit which should show a considerable saving in cost for both one and two-pipe drainage systems. Known as the Spruce-Thrower Soil unit, the patentees are Mr. Spruce, Finch's foundry manager, and Mr. Thrower, their expert in sanitation.

The fitting is designed as a soil junction component and incorporates an anti-syphon branch. Its use eliminates the awkward connection of the anti-syphon pipe between the soil-pipe branch and the main anti-syphon pipe. It thus reduces the number of joints to be made, and completely eliminates the one immediately at the back of the w.c. which, as it often comes actually in the thickness of the wall, can be exceptionally awkward to make. Since the unit can be built in as the work proceeds it is not necessary to leave holes in the wall for the plumbing work, and much costly making good is thereby avoided.

The unit is of cast-iron coated with Dr. Angus Smith's solution and conforms to British Standards Specification for soil pipes and fittings where applicable. The anti-syphon branch is cast on to the soil-pipe branch at one end, the other end being cast on the main vertical soil pipe. This is isolated from the bore of the soil stack by an annular space cast round the vertical soil pipe. This annular space is formed during manufacture by the insertion of a cast-iron liner which completes the soil-pipe bore. The exterior of the annular space carries a flange which can be cast in any desired position, and from this flange the normal anti-syphon pipe is carried up and/or down by a 2 in. diameter flanged branch or bend. The sectional area of the anti-syphon cavity has been calculated to allow for the slightly greater frictional air resistance as compared with a 2 in. dia. pipe.

The unit can be used where individual closets are situated one above another and connected to the soil pipe by a pan junction. It is not intended for systems where closets are remote from the main soil stack.

The unit, which is especially suitable for blocks of flats and similar types of building, can be used either where vertical pipes are carried on the exterior face of the wall or enclosed in ducts.

The manufacturers claim the following further advantages for the unit. It can be used equally well on one or two-pipe systems. There is considerable saving of labour and materials, as there are less joints to make than with ordinary fittings. All joints are conveniently located on the vertical pipes, and this eliminates the cutting and fitting of branch anti-syphon pipes.

A much neater appearance is claimed, particularly on an elevation.

The invert of the branch anti-syphon pipe at the point where it connects to the annular space is higher than the top of a full-size adult pan. This means that in the event of a stoppage in the soil-pipe, no liquid or solid matter can enter the annular space, and the anti-syphon system is thus free from the possibility of stoppage.



These photographs show work in progress in the now-abandoned shot-tower on the South Bank of the Thames. Left, pouring the molten lead through a sieve at the top of the tower. Right, the tank at the bottom which receives the falling shot.

The unit is made in diameters of 3½ and 4 in., and can be supplied with the length of branch either 17 in. or 23 in. The branch can, however, be made to any other length if desired. The only special fitting required, in addition to the soil unit junction, is a 2 in. diameter flanged bend or a 2 in. diameter flanged branch, to make the vertical anti-syphon pipe connection. Furthermore, the unit has been designed to enable it to be used with standard types of soil pipe fittings.

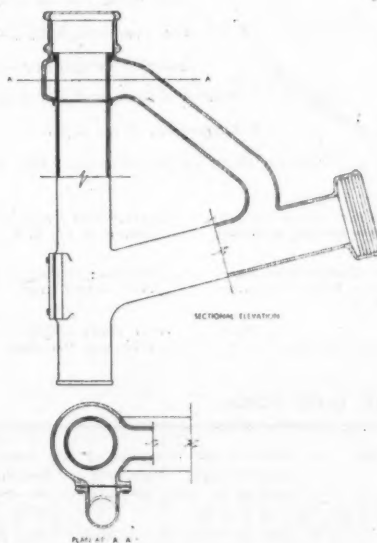
The unit can be cast with cleaning door in any desired position, and, if necessary, branches can be cast on to receive bath, sink and lavatory wastes for a one-pipe system.

This unit seems to be a very logical simplification and it is not at all surprising to hear that it has been taken up with some enthusiasm by the LCC. (B. Finch & Co. Ltd., Belvedere Works, Barking, Essex.)

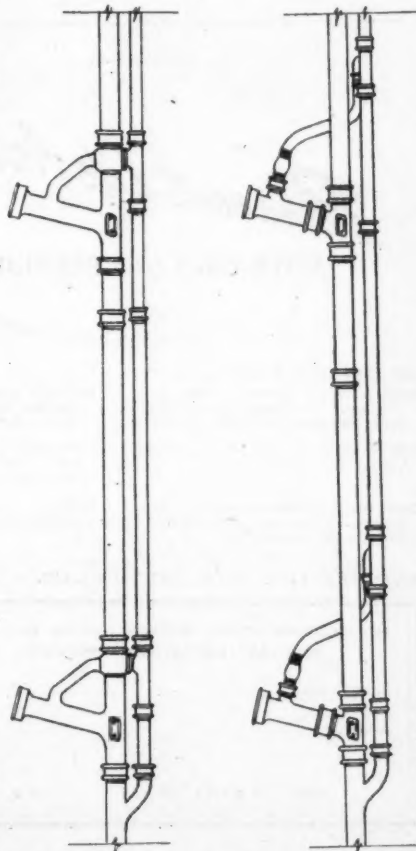
LEAD RATIONALIZATION

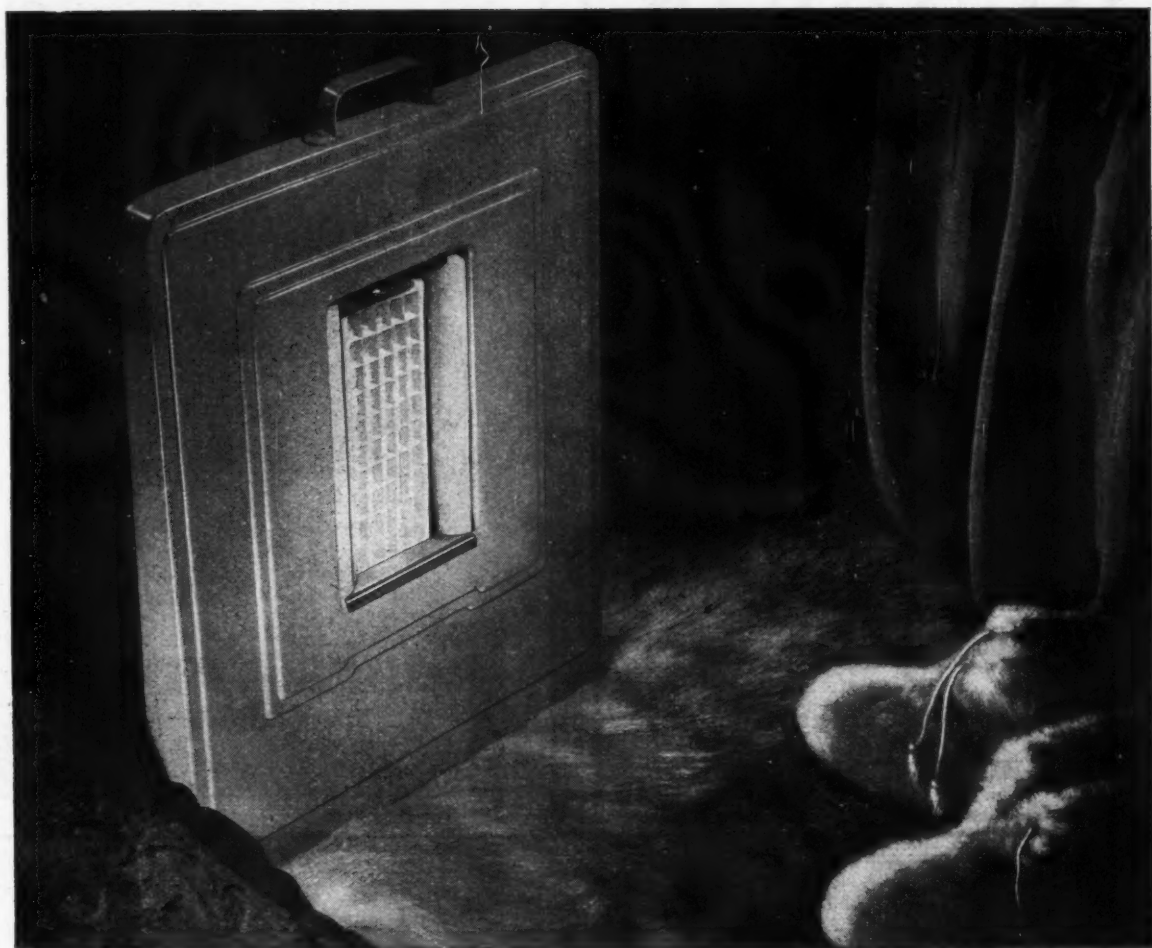
Many readers will already be familiar with the name of Associated Lead Manufacturers Ltd., a company which was nominally incorporated as long ago as 1919. The firms

now forming the group are Cookson Lead and Antimony, Locke Lancaster & Johnson, Walkers Parker, Foster Blackett & James, Librex Lead, London Lead Oxide, A. T. Becks and Didas Metals. All eight of them will no longer be known by their separate titles, and they have, over the past years, centralized their research organizations and pooled their technical knowledge, and this has brought about an improvement in quality and production methods throughout the group. Associated Lead now has factories at Newcastle, Bootle, Chester and at Millwall, the other London site at Lambeth now being taken over for the 1951 Exhibition. (Associated Lead Manufacturers, Ltd., 14, Finsbury Circus, London, E.C.2.)



Above, a plan of the new soil unit. Right, suggested layout of a two-pipe system incorporating the unit, for comparison with, extreme right, the layout of an actual job using orthodox fittings.

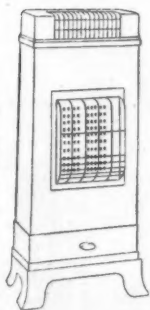




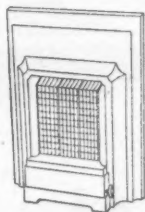
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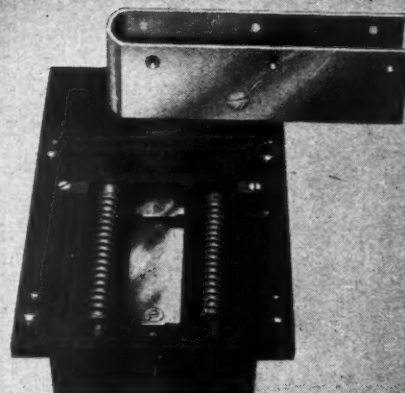
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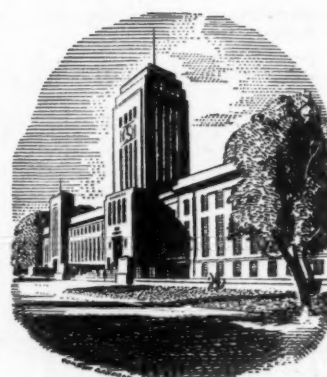


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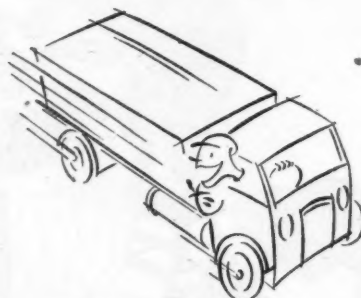
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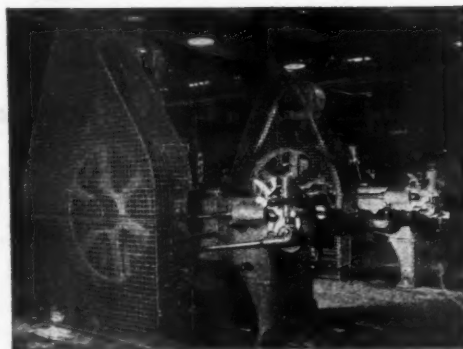
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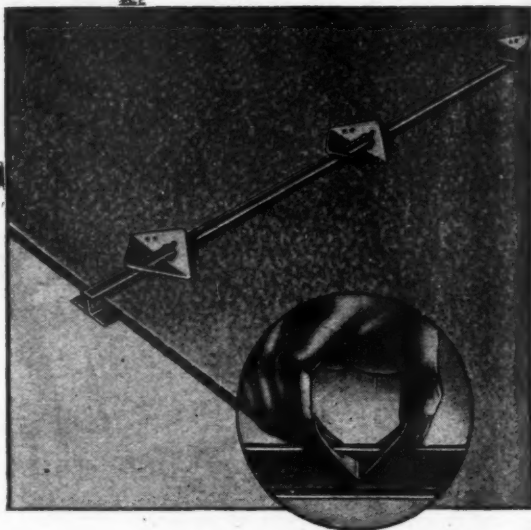
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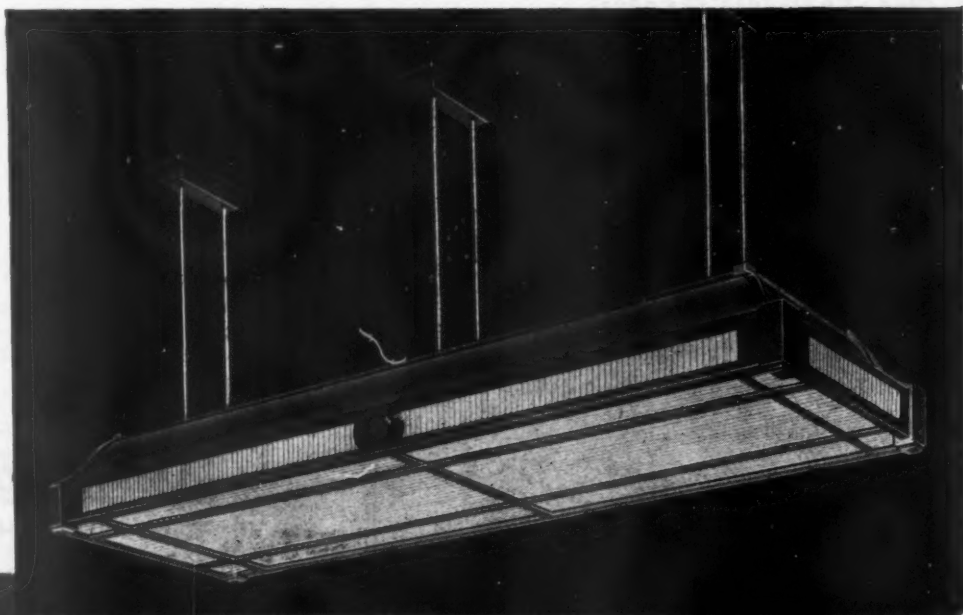
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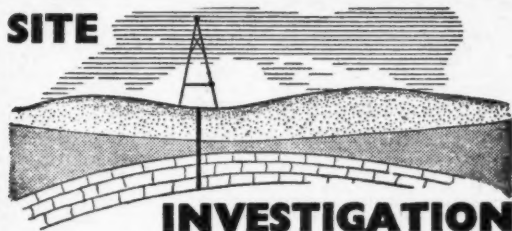
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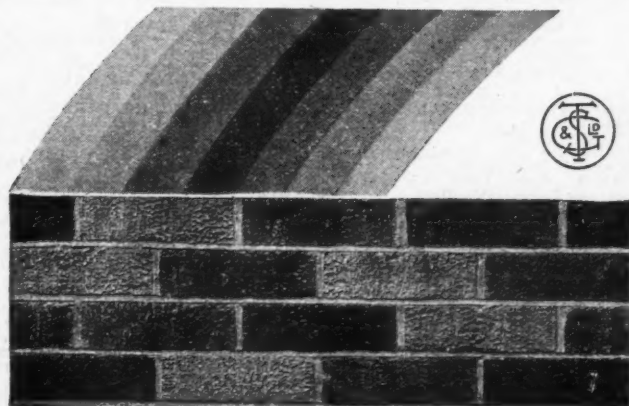
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CLASSIFIED ADVERTISEMENTS

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

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

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THE INCORPORATED ASSOCIATION OF ARCHITECTS AND SURVEYORS maintains a register of qualified architects and surveyors (including assistants) requiring posts, and invites applications from public authorities and private practitioners having staff vacancies.

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LONDON COUNTY COUNCIL

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

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

Forms of application may be obtained from the Director of Housing, Town Hall, Westminster Bridge, S.E.1 (stamped addressed envelope required, and quote Ref. G.R.3). Canvassing disqualifies. (2269) 1046

CITY OF BATH

CITY ENGINEER'S DEPARTMENT. ARCHITECTURAL SECTION.

Applications are invited for the appointment of a GENERAL ARCHITECTURAL ASSISTANT (Permanent), at a salary of £450-£495 or £480-£525 per annum (A.P.T., Grade III or IV), according to qualifications and experience.

Preference will be given to candidates who are Associate Members of the Royal Institute of British Architects or hold equivalent qualifications, and who have had experience in the design and supervision of housing estates or domestic buildings.

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

Applications, stating age, qualifications and experience, together with names and addresses of three referees, should be sent to the City Engineer, Guildhall, Bath, not later than 19th February, 1949.

JARED E. DIXON,

Town Clerk.

Guildhall, Bath.

26th January, 1949.

1587

CITY OF BATH

CITY ENGINEER'S DEPARTMENT.

Applications are invited for the following appointment on the permanent staff of the City Engineer:—

JUNIOR ARCHITECTURAL ASSISTANT. Salary A.P.T., I or II (£390-£435 or £420-£465), depending on qualifications and experience.

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

Applications, stating age, qualifications and experience, together with names and addresses of three referees, should be sent to the City Engineer, Guildhall, Bath, not later than 19th February, 1949.

JARED E. DIXON,

Town Clerk.

Guildhall, Bath.

26th January, 1949.

1588

UXBRIDGE URBAN DISTRICT COUNCIL. ENGINEER & SURVEYOR'S DEPARTMENT. ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant, on Grades IV and V of the A.P.T. Division of the National Scales (£480 to £570 per annum, plus London weighting). Commencing salary according to experience and qualifications.

Applicants should have had a good architectural training and preference will be given to candidates with experience of Local Authority Housing Schemes and holding a recognized professional qualification. The appointment will be subject to the Local Government Superannuation Act, 1937. Applications, together with the names and addresses of three persons to whom reference may be made, should be forwarded to Harold E. G. Stripp, Esq., A.M.I.C.E., F.R.I.C.S., Engineer and Surveyor, 265, High Street, Uxbridge, not later than Tuesday, 22nd February, 1949. Candidates are required to disclose in writing whether to their knowledge they are related to any senior officer or member of the Council.

JOHN POOLE,

Clerk of the Council.

1627

LONDON COUNTY COUNCIL. VACANCIES FOR QUANTITY SURVEYORS AND ASSISTANTS IN ARCHITECT'S DEPARTMENT.

SURVEYOR. Grade III, £550×£25—£700 a year.

TEMPORARY TECHNICAL ASSISTANT (a). £440×£20—£580 a year.

TEMPORARY TECHNICAL ASSISTANT (b). Up to 167s. 6d. a week.

Commencing rates according to qualifications and experience.

Candidates for Grade III positions should be Associates of the Royal Institution of Chartered Surveyors, and be experienced in abstracting and billing, estimating, interim valuations for payments on account, measuring, adjusting and agreeing final accounts, "taking off," and the preparation of Bills of Quantities. Other candidates should also have a working knowledge of these matters.

Successful candidates are required to contribute to the Council's Superannuation and Provident Fund, and there will be opportunities of competing on merit for permanent appointment.

Application forms from the Architect (A.R.P./Q), County Hall, Westminster, S.E.1, enclosing stamped addressed foolscap envelope. Canvassing disqualifies. (84) 1580

BOROUGH OF LUTON.

BOROUGH ENGINEER'S DEPARTMENT. ARCHITECTURAL ASSISTANTS.

Applications are invited for the following appointments:—

SENIOR ARCHITECTURAL ASSISTANT.

A.P.T. VII (£636×£25—£730).

ARCHITECTURAL ASSISTANTS. A.P.T. II

(£420-£465); A.P.T. III (£450-£495); A.P.T. IV

(£480-£525), according to experience and qualifications.

Applicants should be A.R.I.B.A. and have had Municipal experience, with particular reference to housing and school works.

In the case of the Grade VII appointment, housing accommodation will be made available, if required, to the successful candidate, but in the case of Grades II to IV appointments, an endeavour will be made, if necessary, to provide such accommodation.

All the appointments are subject to the Local Government Superannuation Act, 1937, to the National Scheme and Conditions of Service, and to the successful candidates passing medical examinations.

Applications for each post, suitably endorsed, giving particulars of age, qualifications and experience, present appointment and salary, and accompanied by copies of not more than three recent testimonials, should be forwarded to F. Oliver, Esq., A.M.Inst.C.E., Borough Engineer, Town Hall, Luton, not later than first post on Monday, 21st February, 1949.

Canvassing will disqualify.

W. H. ROBINSON,

Town Clerk.

Town Hall, Luton.

24th January, 1949.

1587

CITY OF SALFORD.

Applications are invited for the appointment of a JUNIOR ARCHITECTURAL ASSISTANT, in the City Engineer's Department, at a salary within the General Division of the National Scale of Salaries (Males—£220 at 21 years of age, rising to £385 at 32 years of age. Females—£178 at 21 years of age, rising to £308 at 32 years of age). The commencing salary will be determined according to ability and experience.

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

The appointment will be subject to:—

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

(2) The National Joint Council Scheme of Conditions of Service, as adopted by the Council;

(3) The passing of a medical examination.

Applications, giving details of age, training and experience, together with copies of two recent testimonials, should be forwarded in envelopes endorsed "Junior Architectural Assistant," addressed to the City Engineer, Town Hall, Salford, 3, so as to be received not later than first post on Monday, 14th February, 1949.

Applicants must disclose, in writing, whether or not they are related to any Member of the Council or Officer of the Authority.

H. H. TOMSON, Town Clerk.

1550

NORTH-WEST METROPOLITAN REGIONAL HOSPITAL BOARD. ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointment in the Architect's Department:—

ASSISTANT ARCHITECT. Grade A.P.T., VI

(£595 to £660 per annum, plus London weighting).

Applicants should be Members of the R.I.B.A. or hold an equivalent qualification, and must have good general experience in design and construction. A knowledge of hospital work is an advantage.

The appointment will be subject to the provisions of the National Health Service (Superannuation) Regulations, 1947, and will be terminable by one month's notice.

Applications, giving details of experience, together with the names of two referees, should be addressed to the Secretary, North-West Metropolitan Regional Hospital Board, 11a, Portland Place, W.1, not later than 19th February, 1949.

1614

WEST RIDING COUNTY COUNCIL. ARCHITECT'S DEPARTMENT. APPOINTMENT OF DEPUTY COUNTY ARCHITECT (DESIGN).

Applications are invited for the post of DEPUTY COUNTY ARCHITECT in the above department, at a salary of £1,260, rising by annual increments of £50 to a maximum of £1,560 per annum. Travelling and subsistence allowances will be paid in accordance with the County Council's scale.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937, as amended by the W.R.C.C. General Powers Act, 1948, and to a medical examination.

Applicants must have first-class architectural ability and experience, and be thoroughly capable of organizing a large drawing office. It is estimated that something like £2,000,000 to £3,000,000 of architectural work will be passing through the department annually, and the person appointed will be responsible to the County Architect for maintaining the very highest possible standard of architectural work throughout the department. The department is responsible for some 4,000 County properties, and the building work of the department covers all types of Educational and Health Buildings, Police Stations, Court Houses, Police Housing and Fire Stations, together with all other County buildings.

Applications, on forms to be obtained from this office, must be addressed to me (endorsed "Deputy County Architect (Design)," and should be received by me on or before Monday, the 21st February, 1949.

Canvassing of members of the County Council, either directly or indirectly, will be a disqualification.

HUBERT BENNETT,

West Riding County Architect.

County Hall, Wakefield. 1507

WEST RIDING COUNTY COUNCIL.

APPOINTMENT OF DEPUTY COUNTY ARCHITECT (ADMINISTRATIVE).

Applications are invited for the post of a further DEPUTY COUNTY ARCHITECT, at a salary of £1,260, rising by annual increments of £50 to a maximum of £1,560 p.a. Travelling and subsistence allowances will be paid in accordance with the County Council's scale.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937, as amended by the West Riding County Council General Powers Act, 1948, and to a medical examination.

Applicants must have professional and administrative experience, preferably in Local Government or Central Government Service.

Applications, on forms to be obtained from this office, must be addressed to me (endorsed "Deputy County Architect (Administrative)," and should be received by me on or before Monday, the 21st February, 1949.

Canvassing of members of the County Council, either directly or indirectly, will be a disqualification.

HUBERT BENNETT,

West Riding County Architect.

County Hall, Wakefield. 1608

SKIPTON URBAN DISTRICT COUNCIL. JUNIOR TECHNICAL ASSISTANT (HOUSING).

Applications are invited for this appointment, at a commencing salary within A.P.T., Grade I, of the National Scales (£390-£435).

Duties will be mainly in connection with the provision of traditional and permanent prefabricated houses, and the roads, sewers, etc. A knowledge of building quantities and experience in measurement of completed work will be an advantage.

Although the appointment is not on the permanent establishment, it is anticipated that the Council's housing programme will continue for a considerable time. So far 70 houses are completed and 500 more are projected. The appointment will be subject to one month's notice on either side, and to the passing of a medical examination for superannuation purposes.

Applications, stating age, qualifications and experience, and the names and addresses of three referees, should be received by Mr. K. B. Robinson, B.Sc.(Eng.), A.M.Inst.C.E., Engineer and Surveyor, not later than first post, Friday, 18th February, 1949.

L. E. SMITH,

Clerk to the Council.

Town Hall, Skipton.

1615

LEEDS COLLEGE OF ART.

Principal: E. E. PULLER, A.R.C.A., F.S.A.E.

SCHOOL OF ARCHITECTURE.

Head: W. A. EDEN, M.A., F.S.A., A.R.I.B.A.

Applications are invited for the following posts:—

(1) SENIOR LECTURER IN THE HISTORY OF ARCHITECTURE.

(2) SENIOR LECTURER IN BUILDING SCIENCE.

Applicants for (2) should hold a recognized qualification in Structural Engineering or Architecture, and should have experience in the application of scientific methods to the investigation of problems of practical building.

Salaries will be in accordance with the Burnham Scale for Senior Assistants in Colleges of Art, namely, £700×£25—£800, with additions for a degree or equivalent and recognized training.

Further particulars and application forms, which should be returned by the 14th March, 1949, may be obtained by sending a stamped addressed envelope to the Director of Education, Education Offices, Leeds, 1.

1638

**COUNTY BOROUGH OF BIRKENHEAD.
APPOINTMENT OF "BOROUGH ARCHITECT
AND DIRECTOR OF HOUSING."**

Applications are invited for the appointment of "Borough Architect and Director of Housing." The salary will be £1,250 per annum, rising by annual increments of £100 to £1,450 inclusive, together with a motor car allowance of £60 per annum, with a temporary addition of 50 per cent. No other remuneration will be payable in connection with any of the duties of the office.

The appointment will be terminable by three months' notice on either side, is subject to the Local Government Superannuation Act, 1937, and the successful applicant will be required to pass a medical examination. He will not be allowed to engage in private practice.

Forms of application and particulars of the conditions and duties of the office may be obtained from the undersigned.

Applications, in envelopes endorsed "Borough Architect and Director of Housing" stating age, experience and qualifications, and accompanied by copies of three recent testimonials, must reach the undersigned by not later than 10 a.m. on Tuesday, 1st March, 1949.

Canvassing, directly or indirectly, will disqualify, and applicants must disclose to the undersigned in writing if they are related to any member or senior officer of the Council.

E. W. TAME.

Town Clerk.

Town Hall, Birkenhead.

9th February, 1949.

1659

**HERTFORDSHIRE COUNTY COUNCIL.
APPOINTMENT OF DEPUTY DIVISIONAL
PLANNING OFFICER (GRADE VIII).**

Applications are invited for the appointment of Deputy Divisional Planning Officer, at a salary of £685 per annum, rising to £750 per annum in accordance with Grade VIII (A.P.T.), together with travelling and subsistence allowances in accordance with the Council's scale.

The appointment is a responsible position in the County planning organization, and applicants should have had considerable experience in drafting planning proposals, and controlling development, and preference will be given to candidates with experience of controlling elevations of buildings.

Applicants must be Corporate Members of the Town Planning Institute and hold other professional qualifications.

Forms of application may be obtained from the County Planning Officer, County Hall, Hertford, and should be returned not later than the 26th February, 1949.

1659

**METROPOLITAN BOROUGH OF HAMPSHIRE.
ARCHITECTURAL ASSISTANT
(TEMPORARY).**

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 IV of A.P.T. Division National Scales of Salaries, £480 to £525 per annum, plus £30 London weighting. Age limit: 35 years of age on the 1st January, 1949.

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 mailed envelope endorsed "Architectural Assistant," not later than 12 noon on Friday, 11th February, 1949.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937. The conditions of service are those of 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.

January, 1949.

1552

**ISLE OF WIGHT COUNTY COUNCIL.
SENIOR ARCHITECTURAL ASSISTANTS.**

Applications are invited for the appointment of TWO SENIOR ARCHITECTURAL ASSISTANTS, on the permanent staff of the County Architect's Department. Salary on Grade VI, A.P.T. Division of the National Scales (£595-£650 per annum).

Candidates should be Associates of the Royal Institute of British Architects or hold a similar qualification, and preferably have had experience of the planning, design and construction of educational buildings and other architectural work undertaken by a Local Authority.

Temporary housing accommodation (flats) will probably be available if required.

Applications on forms to be obtained from the County Architect, Mr. Frederick H. Booth, A.R.I.B.A., A.M.T.P.I., should be returned completed to the undersigned at the address stated below, together with a copy of one recent testimonial and the names of two persons to whom reference can be made, not later than Wednesday, 23rd February, 1949.

L. H. BAINES.

Clerk of the County Council.

County Hall, Newport, I.W.

26th January, 1949.

1579

**CITY OF BULAWAYO.
VACANCY FOR TOWN PLANNING OFFICER.**

Applications, in sealed envelopes marked as above (and despatched by Air Mail), are hereby invited, and will be received by the undersigned up to noon on Tuesday, the 15th March, 1949, for the vacant position of Town Planning Officer in the City Engineer's Department, on the grade £900 × £40-£1,200 per annum. Depending on the qualifications and experience of the selected applicant, the Council may at its sole discretion raise the commencing salary above the minimum of the grade, but not exceeding two notches in the grade.

In addition to the above salary a cost-of-living allowance is at present payable, and at the moment this is fixed at the rate of £134 per annum on the minimum of the above grade, decreasing, with annual increments, to £106 per annum on the maximum of the grade, together with children's allowances (if applicable) at the rate of £30 per annum for the first child and £24 per annum for each of the second and third children.

Applicants should be Members of the Town Planning Institute, should hold qualifications in Civil Engineering or Architecture, and should have had experience in actual Town Planning practice. The successful applicant will be required to carry out the preparation of Town Planning Schemes, and the layout and development of residential, industrial and native areas under the direction of the City Engineer.

Applicants should state age, whether married or single, and the earliest date on which duties could be commenced. Details of qualifications and a summary of training and previous experience should also be furnished, together with copies of not more than three recent testimonials and a medical certificate of fitness.

The successful applicant will be required to obtain a satisfactory health certificate from the Council's Medical Officer of Health prior to commencing duties, and to serve a probationary period of one year before being appointed to the fixed establishment. If appointed to the fixed establishment the successful applicant will be required to join either the present Municipal Pension Fund or any other Municipal Pension Fund which may be in existence at the time.

If the person appointed is from the United Kingdom he will be required to enter into a three years' contract with the Council, and this will provide *inter alia* for the following matters:

(a) A medical examination at the Council's expense before leaving the United Kingdom, the engagement to be subject to this being satisfactory.

(b) The Municipality to pay a sum of £95 to the successful applicant upon arrival in Bulawayo to cover all costs incurred in taking up the appointment, and his salary from the time of sailing from England.

(c) The successful applicant will be required to enter into a Contract of Service for a minimum period of three years on the understanding that if this term of service is satisfactorily completed he would not be liable to refund the amount of £95 referred to above. Should he, however, break the Contract of Service or his Contract be terminated for unsatisfactory service before the expiration of the three years, he would be liable to refund to the Council the above amount of £95.

Candidates canvassing members of the Council, directly or indirectly, will be disqualified.

H. J. COOK.

Town Clerk.

28th January, 1949.

1623

**GELLYGAER URBAN DISTRICT COUNCIL.
ARCHITECT'S DEPARTMENT.**

Applications are invited for the temporary appointment of ARCHITECTURAL DRAUGHTSMAN, at a salary in accordance with A.P.T. Division, Grade III. Applicants must have passed the Intermediate examination of the R.I.B.A.

The appointment will be subject (1) to the provisions of the Local Government Superannuation Act, 1937; (2) to passing a medical examination; (3) to termination by one month's notice. Canvassing, either directly or indirectly, will be a disqualification.

Applications, stating all relevant details, together with names and addresses of two persons to whom reference may be made, should be received by the undersigned not later than 25th February, 1949.

D. W. C. MORGAN.

Clerk.

Council Offices, Hengoed, Glam.

2nd February, 1949.

1637

**CANNOCK URBAN DISTRICT COUNCIL.
APPOINTMENT OF ARCHITECTURAL
ASSISTANT.**

Applications are invited for the appointment of Architectural Assistant, in the Architect's Department, at a salary in accordance with Grade I of the A.P.T. Division of the National Scale (£390-£435).

Applications, giving full details of age, training, qualifications, present and previous appointments, nature of experience, and names of two persons to whom reference can be made, must be delivered to the undersigned not later than Tuesday, 22nd February, 1949.

Canvassing, either directly or indirectly, will disqualify, and applicants should state whether to their knowledge they are related to any member of or the holder of any senior office under the Council.

WM. C. SPEDDY.

Clerk of the Council.

Council House, The Green, Cannock, Staffs.

3rd February, 1949.

1653

**COUNTY BOROUGH OF WALSHALL.
PUBLIC WORKS DEPARTMENT.**

Applications are invited for the following appointments:—

(1) CHIEF ASSISTANT, PLANNER, at a salary in accordance with Grade VIII of the Administrative, Professional and Technical Division of the National Scale (£685 × £25-£760). Preference will be given to candidates who are Corporate Members of the Town Planning Institute or the Institution of Municipal Engineers, or the Royal Institute of British Architects.

Applicants must have had considerable experience in the preparation of Planning and Redevelopment Schemes, and have a thorough knowledge of the various Acts and Orders relating to Town and Country Planning, and be competent to undertake the administration and supervision of the Planning Office and Building Surveyors' Office.

(2) ASSISTANT ARCHITECT, at a salary in accordance with Grade VI of the Administrative, Professional and Technical Division of the National Scale (£595-£660).

Preference will be given to candidates who are Associates of the Royal Institute of British Architects.

Applicants must have had general Architectural experience, especially in connection with Schools and Housing.

A flat will be available for each of the successful applicants, if required.

Applications, giving age, details of qualifications and experience, present and previous appointments, together with copies of three recent testimonials, should be received by the undersigned not later than Saturday, 19th February, 1949.

M. E. HABERSHON,

Borough Engineer and Surveyor.

Council House, Walsall.

1st February, 1949.

1647

**COUNTY BOROUGH OF IPSWICH.
APPOINTMENT OF ARCHITECTURAL
ASSISTANT.**

Applications are invited for the appointment of Architectural Assistant in the Borough Surveyor's Department.

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

The salary will be in accordance with A.P.T. V, of the National Scales of Salaries (£580 to £590 per annum) if the applicant possesses the A.R.I.B.A. or equivalent examination. If the successful applicant possesses the Intermediate examination of that Institution, then the salary will be in accordance with Grade IV of the National Scales of Salaries (£480 to £525 per annum), with promotion to A.P.T. V, on passing the Final examination.

There is no form of application, but candidates must state age, experience, and any other relevant details, and submit copies of not more than three recent testimonials.

Applications must be received by the Borough Surveyor, Town Hall, Ipswich, not later than Monday, 21st February, 1949.

Canvassing will disqualify. If the applicant is to his knowledge related to any member or senior officer of the Council, he must disclose that fact in writing when submitting his application.

J. G. BARR.

Town Clerk.

Town Hall, Ipswich.

24th January, 1949.

1622

**NORTHERN IRELAND HOSPITALS
AUTHORITY.**

Applications are invited from suitably qualified persons for the post of SENIOR ASSISTANT ARCHITECT on the Headquarters Staff of the above Authority.

Salary: £700 per annum, rising by four annual increments of £25 to a maximum of £800.

Qualifications: Applicants should be Fellows or Associate Members of the Royal Institute of British Architects, and hold a degree in Architecture from a recognized school.

This post presents an excellent opportunity for creative work, and therefore applicants must be first-class designers possessing a thorough appreciation of contemporary architectural planning and design. The persons selected for interview will be expected to produce drawings and photographs of their work illustrating their general ability in this direction.

A knowledge of modern hospital design and construction is desirable, but not essential.

Subject to a probationary period of six months the appointment will be permanent. Salary will be subject to deductions for superannuation in accordance with the Regulations made under the Health Services Act (Northern Ireland), 1948.

It is the Authority's policy to give preference to persons who served with H.M. Forces in war-time.

Canvassing, either directly or indirectly, will be an absolute disqualification. Any approach to a member of the Authority, in writing or otherwise, by or at the request of any applicant, will be regarded as canvassing.

Applications should give (1) date and place of birth; (2) particulars of education, technical training and practical experience; (3) names and addresses of two persons from whom a confidential report may be sought; (4) particulars of service with H.M. Forces; and should be sent to the Secretary, Northern Ireland Hospitals Authority, 53, Howard Street, Belfast, in an envelope marked "Senior Assistant Architect" on top left-hand corner, so as to arrive not later than 28th February, 1949.

1677

**CITY OF STOKE-ON-TRENT.
CITY ARCHITECT'S DEPARTMENT.**

Applications are invited for the following appointments on the Establishment Staff of the City Architect's Department:—

- (a) **FOUR ASSISTANT ARCHITECTS.** Salary A.P.T. Division, Grade VI, £595-£660.
- (b) **TWO ASSISTANT ARCHITECTS.** Salary A.P.T. Division, Grade V, £520-£570.
- (c) **THREE ASSISTANT ARCHITECTS.** Salary A.P.T. Division, Grade III, £450-£495.
- (d) **ONE ARCHITECTURAL ASSISTANT.** Salary A.P.T. Division, Grade I, £390-£435.
- (e) **ONE ASSISTANT QUANTITY SURVEYOR.** Salary A.P.T. Division, Grade III, £450-£495.

The selected applicants will be required to pass a medical examination, and the appointments will be subject to the following:—

- (1) One calendar month's notice on either side.
- (2) The provisions of the Local Government Superannuation Act, October, 1937.
- (3) The National Scheme of Conditions of Service for Local Government Officers.

Applicants for (a) must be Associates of the Royal Institute of British Architects, and have had experience in the planning, design and construction of buildings for Educational purposes. Two of the appointments will be to assist with the work of the proposed new North Staffordshire Technical College and County Colleges under the development plan for Further Education.

Applicants for (b) and (c) should have had experience in the provision of buildings for Educational purposes. Preference will be given in the case of (b) to members of the Royal Institute of British Architects, and (c) to applicants who have passed the Intermediate examination of the R.I.B.A.

Applicants for (d) should have received a sound architectural training and have a good general experience.

Applicants for (e) should have had experience in measuring for and settling accounts in connection with Housing schemes, and should be able to take off and prepare small Bills of Quantities under supervision.

For all the above appointments previous experience of Local Government work will be an advantage, but it is not essential.

Applications, giving date of birth, particulars of training, qualifications, details of experience, present and previous appointments and salary, with copies of two recent testimonials and the names and addresses of two persons to whom reference may be made, should be received by J. R. Pigott, F.R.I.B.A., City Architect, City Architect's Department, Kingsway, Stoke-on-Trent, endorsed with the title of the appointment applied for, not later than Monday, 21st February, 1949.

HARRY TAYLOR,

Town Clerk.

Town Hall, Stoke-on-Trent.

3rd February, 1949.

HEATING, VENTILATING AND ELECTRICAL ENGINEERING DRAUGHTSMEN urgently required. The minimum qualifications, at age 21, are that the applicants shall have had, at least, four years' Heating and Ventilating and Electrical Engineering experience or apprenticeship in an industrial or Government undertaking, or alternatively with a reputable Installation Contractor, of which at least one year should have been spent on drawing office duties. Candidates will be required to produce evidence that they have undertaken or are undertaking a recognized course of study advancing to the standard of National Certificate or equivalent.

Applicants who have reached a higher standard and who are capable, without undue supervision, of initiation and design of moderate sized schemes, preparation of specifications and estimates, analysis of tenders and technical correspondence, and who have reached a level of study equivalent to Higher National Certificate Award, are preferred.

The commencing salary for these posts at age of 21 years is £283 per annum, rising to a maximum of £495 per annum. Entering salary is increased by £20 per annum for each year of age above 21 years, subject to a maximum commencing salary of £420 per annum. The posts are at Cambridge. Although these posts are not established posts, some of them have long-term possibilities, and competitions are held periodically to fill established vacancies.

Apply to Ministry of Works (R.D.1 Estab.), Shaftesbury Road, Brooklands Avenue, Cambridge.

WEST SUSSEX COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments, at salaries in accordance with the National Scales of Salaries (bonus consolidated):—

- (a) **SENIOR ASSISTANT ARCHITECT.** A.P.T. Division, Grade VIII (salary £685 to £760 per annum).
- (b) **ASSISTANT ARCHITECT.** A.P.T. Division, Grade V (salary £520 to £570 per annum).
- (c) **ASSISTANT ARCHITECT.** A.P.T. Division, Grade IV (salary £480 to £525 per annum).
- (d) **JUNIOR ARCHITECTURAL ASSISTANT.** Miscellaneous Division, Grade I (salary £315 to £360 per annum).

Further particulars should be obtained from F. B. Steele, F.R.I.B.A., F.R.I.C.S., M.T.P.I., County Architect, County Hall, Chichester, to whom detailed applications must be submitted not later than the 21st February, 1949.

T. C. HAYWARD,

Clerk of the County Council.

County Hall, Chichester.

28th January, 1949.

1624

ARCHITECTURAL ASSISTANTS urgently required. Qualifications: At least three years' Architectural training, and, preferably, some experience in an Architect's office. Ability to carry out under supervision working drawings of smaller works from prepared sketch plans, and elevations. Knowledge of subsidiary duties common to an Architect's office. Some testimonials already accepted and/or in a position to sit for the Intermediate examination of the Royal Institute of British Architects.

STRUCTURAL ENGINEERING ASSISTANTS urgently required. Qualifications: Basic knowledge Static Mechanics, properties of materials, and structural detailing and design obtained over a period of not less than three years at a Technical College, plus one year in a Structural Engineer's office, or four years in a Structural Engineer's office supplemented by Technical Classes. Capable of site surveying, dealing with specifications, and making reliable reports.

SANITARY ENGINEERING ASSISTANT urgently required. Qualifications: Three years as an Apprenticed Pupil or Assistant in a Civil Engineer's Drawing office and three years' part-time study in Engineering subjects, including drainage and water supply; three years' full-time study in Engineering subjects, including drainage and water supply, and at least one year's experience in a Civil Engineer's Drawing office. At ages above 21, corresponding advanced knowledge, experience, and drawing office technique are required. Preference given to candidates who have passed for Associate Membership of the Institution of Sanitary Engineers, the Intermediate examination or the Testamur examination of the Institution of Municipal Engineers, or equivalent.

The commencing salary for all these posts at age of 21 years is £283 per annum, rising to a maximum of £495 per annum. Entering salary is increased by £20 per annum for each year of age above 21 years, subject to a maximum commencing salary of £420 per annum. The posts are at Cambridge. Although these posts are not established posts, some of them have long-term possibilities, and competitions are held periodically to fill established vacancies.

Apply to Ministry of Works (R.D.1 Estab.), Shaftesbury Road, Brooklands Avenue, Cambridge.

1663

COUNTY BOROUGH OF DERBY.

APPOINTMENT OF PLANNING STAFF.

ONE GENERAL PLANNING ASSISTANT.

Grade VI (£595-£660).

ONE GENERAL PLANNING ASSISTANT.

Grade Va (£550-£610).

ONE GENERAL PLANNING ASSISTANT.

Grade V (£520-£570).

ONE GENERAL PLANNING ASSISTANT.

Grade IV (£480-£525).

Applications are invited for the above appointments on the Planning Staff of the Borough Engineer and Surveyor.

Applicants must possess appropriate qualifications and should be experienced in Urban planning.

Preference will be given in one instance to a person with an architectural background, and in another to a person with a surveying (valuation and estates) background.

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

Applications, stating which grade of post is applied for, age, qualifications, experience, and accompanied by copies of three recent testimonials or names of two persons to whom reference may be made, should be addressed to M. L. Francis, F.R.I.C.S., M.I.M.E., Borough Engineer and Surveyor, The Council House, Derby, and endorsed "Planning Appointment" to be received not later than 28th February, 1949.

Canvassing, directly or indirectly, will be a disqualification, and candidates should state whether they are related to any Member or Senior Official of the Council.

C. ASHTON,

Town Clerk.

The Council House, Derby.

4th February, 1949.

1676

COUNTY OF LINCOLN—PARTS OF

LINDSEY

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following vacancies:—

ASSISTANT ARCHITECTS (FIVE) on Grade VI, £595 to £660.

SENIOR QUANTITY SURVEYOR, on Grade VII, £635 to £710.

A car allowance will be paid in respect of two appointments for Assistant Architects where successful applicants own their own car. The appointments are on the permanent staff of the County Council and subject to the provisions of the Local Government Superannuation Act, for which the successful candidates will be required to pass a medical examination.

Applications, stating age, qualifications, experience and present salary, clearly stating which post is being applied for and whether to their knowledge they are related to Members or Senior Officers of the County Council, and accompanied by copies of two recent testimonials, should be sent to the undersigned not later than Thursday, 17th February, 1949.

A. RONALD CLARK, A.R.I.B.A.,

A.M.T.P.I.

County Architect.

County Offices, Lincoln.

1677

BIRMINGHAM REGIONAL HOSPITAL BOARD.

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

(a) **SENIOR ENGINEERING ASSISTANT.**

Salary scale A.P.T., VIII (£685 to £760). Applicants should possess wide experience in the design and specification of hospital engineering (heating and electrical) services, or other similar large projects. Preference will be given to Members of the Institute of Heating and Ventilating Engineers.

(b) **ASSISTANT ARCHITECTS.** Salary scale A.P.T., Va (£550 to £610).

Applicants must have passed the Final examination of the Royal Institute of British Architects, or possess a recognized Diploma in Architecture, and should have considerable experience of Local Authority building projects and procedure. Experience of hospital planning and construction will be an advantage, and a sound knowledge of specifications is essential.

(c) **ARCHITECTURAL ASSISTANTS.** Salary scale A.P.T., IV (£480 to £525).

Applicants should have passed the Intermediate examination of the Royal Institute of British Architects, and have experience of surveying buildings, preparing sketch designs, details, and working drawings.

(d) **ARCHITECTURAL ASSISTANTS.** Salary scale A.P.T., III (£450 to £495).

Applicants should be neat and expeditious draughtsmen, and have experience of surveying buildings, preparing sketch designs, working drawings and details. Registration as Student of the Royal Institute of British Architects will be an advantage.

(e) **JUNIOR QUANTITY SURVEYOR.** Salary scale A.P.T., III (£450 to £495).

Preference will be given to those who have passed the Intermediate examination of the Royal Institute of Chartered Surveyors (Quantity Section). Candidates must be capable of preparing quantities and checking accounts.

(f) **SURVEYOR'S CLERK.** Salary scale, Clerical Division (£395 to £440).

Experience in squaring and abstracting is necessary.

The appointments are subject to the National Health Service (Superannuation) Regulations, 1947 and 1948, and are terminable by one month's notice by either side. Applications, stating age, qualifications, experience, and present appointment, together with the names of two referees, should be submitted to the Secretary, Birmingham Regional Hospital Board, 10, Augusta Road, Edgbaston, Birmingham, 15, not later than 28th February, 1949. Applications should state clearly the appointment for which the candidate is applying.

WEST RIDING OF YORKSHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

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

(a) **ASSISTANT COUNTY ARCHITECTS.**

Salary £960 × £25-£1,060. Candidates must have high ability in design or administration, and be capable of taking charge of a section of the department and dealing with large contracts.

(b) **CHIEF OR SECTIONAL ARCHITECTS.**

Salary ranges (1) £760 × £25-£910, and (2) £685 × £25-£760. Candidates must have high ability in design or administration, and be capable of taking charge of a section of the department dealing with large contracts.

(c) **SENIOR ASSISTANT ARCHITECTS.**

Salary ranges (1) £635 × £25-£710, and (2) £595 × £20 × £20 × £25-£660. Candidates must have high ability in design or administration and be capable of taking charge of large building contracts.

(d) **ASSISTANT ARCHITECTS.** Salary ranges

(1) £550 × £20-£610, (2) £520 × £15 × £15 × £20-£570, (3) £480 × £15-£525, and (4) £450 × £15-£495. Candidates must have good architectural ability and experience.

The above appointments are subject to the provisions of the Local Government Superannuation Act, 1937, as amended by the W.R.C.C. General Powers Act, 1948, and to a medical examination.

Applications on forms to be obtained from this office must be addressed to me and should be received by me on or before Monday, the 21st February, 1949.

Canvassing of members of the County Council, either directly or indirectly, will be a disqualification.

HUBERT BENNETT,

West Riding County Architect.

County Hall, Wakefield.

WAR DEPARTMENT. CLERKS OF WORKS

wanted on R.E. Works Service in East Africa and Malaya, and **SURVEYOR CLERKS** in Malaya only. Range of pay £340-£500 per annum for Clerk of Works and £250-£430 per annum for Surveyor Clerks. Starting rate fixed according to age, qualifications and experience. Foreign service allowance payable in addition. Salary and allowance free of U.K. income tax. Passage and accommodation provided by W.D. Appointment for two years, with probability of extension.

Applications to:—

For Clerks of Works: Written application, giving date of birth, full details of qualifications and experience of posts held, including dates, and quoting reference No. F.14, to London appointments Office, Ministry of Labour and National Service, 1-6, Tavistock Square, London, W.C.1. In no circumstances should original testimonials be forwarded.

For Surveyor Clerks: Apply in person to nearest Employment Exchange, quoting reference No. O.M.P. 31607/9.

164

CITY OF SALFORD.

Applications are invited for the appointment of ASSISTANT in the City Engineer's Department, at a salary within Grade II (£420 to £465 per annum) of the National Scale of Salaries.

Candidates should have had experience in Town Planning and a Civil Engineering or Architectural training.

The appointment will be subject to:—

- (a) The Conditions of Service of the National Joint Council, as adopted by the City Council;
- (b) the provisions of the Local Government Superannuation Act, 1937;
- (c) the passing of a medical examination.

Applications, stating age, qualifications and experience, together with particulars of past and present employment—accompanied by copies of two recent testimonials—should be forwarded in envelopes endorsed "Assistant," addressed to the City Engineer, Town Hall, Salford, 3, and be delivered not later than Monday, 14th February, 1949.

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

H. H. TOMSON,
Town Clerk.
1549

BOROUGH OF ILKESTON.
APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of an Architectural Assistant, in the Borough Engineer and Surveyor's Department, at a salary in accordance with Grade I of the National Scale of Salaries, i.e., £390 to £435 per annum.

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

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

Applications, stating age, training, qualifications, experience, past and present appointments, and accompanied by copies of three recent testimonials should be delivered to the undersigned not later than Monday, 28th February, 1949.

Applicants must state in writing whether or not they are related to any Member or Senior Officer of the Council.

Canvassing, directly or indirectly, will disqualify.

A. O. MARSHALL, M.I.Mun.E.,
M.I.Struct.E., F.I.A.A.
Borough Engineer and Surveyor.
Town Hall, Ilkeston.
3rd February, 1949. 1690

BOROUGH OF TWICKENHAM.
BOROUGH ENGINEER'S DEPARTMENT.

Applications are invited for the following appointment in the Borough Engineer's Architectural Department:—

SENIOR ASSISTANT ARCHITECT. Grade IA-67 (£580-£740).

Applicants must be Associates R.I.B.A., and experience with a Local Authority will be an advantage.

Applications, endorsed "Senior Assistant Architect," stating age, qualifications, present and previous appointments, and giving details of experience, should be accompanied by copies of two testimonials, and delivered to Mr. A. S. Knolles, B.Sc., M.I.C.E., York House, Twickenham, Middlesex, not later than Monday, 21st February, 1949.

W. H. JONES,
Town Clerk.
Municipal Offices, Twickenham, Middlesex.
2nd February, 1949. 1650

CITY OF STOKE-ON-TRENT.
CITY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments on the Establishment Staff of the City Architect's Department:—

TWO SENIOR ASSISTANT QUANTITY SURVEYORS. Salary A.P.T. Division, Grade VI, £595-£660.

Applicants must be members of the Royal Institution of Chartered Surveyors (Quantity), competent to prepare Bills of Quantities for large contracts, and must be experienced in all branches of Quantity Surveying practice.

The selected applicants will be required to pass a medical examination, and the appointments will be subject to the following:—

- (1) One calendar month's notice on either side.
- (2) The provisions of the Local Government Superannuation Act, October, 1937.
- (3) The National Scheme of Conditions of Service for Local Government Officers.

THE SUCCESSFUL APPLICANTS WILL BE ASSISTED IN OBTAINING HOUSING ACCOMMODATION.

Applications, giving date of birth, particulars of training, qualifications, details of experience, present and previous appointments and salary, with copies of two recent testimonials and the names and addresses of two persons to whom reference may be made, should be received by J. R. Pigott, F.R.I.B.A., City Architect, City Architect's Department, Kingway, Stoke-on-Trent, endorsed "Senior Assistant Quantity Surveyor," not later than Monday, 21st February, 1949.

HARRY TAYLOR,
Town Clerk.
Town Hall, Stoke-on-Trent.
3rd February, 1949. 1666

LANCASHIRE COUNTY COUNCIL.
COUNTY PLANNING DEPARTMENT.
APPOINTMENT OF PRINCIPAL PLANNING ASSISTANT (RURAL).

Applications are invited for the appointment of Principal Planning Assistant (Rural) on the Headquarters Staff of the County Planning Department, County Offices, Preston. The commencing salary will be within the range of £760×£25-£860 per annum, according to qualifications and experience.

Candidates should be Members of either the Institute of Landscape Architects or the Royal Institute of Chartered Surveyors (Land Agency Sub-Division) or hold a similar qualification, and should possess creative ability for the designing of landscape features associated with the development of the countryside, including the location and layout of rural housing and other buildings.

The successful applicant will be required to deal with the powers contained in the Town and Country Planning Act, 1947, including Tree Preservation Orders and the control of mineral workings.

The Administrative County includes part of the English Lake District, which the National Parks Committee recommended should be declared a National Park. In the event of this recommendation being implemented the scope of the appointment may be extended.

The appointment will be subject to the Scheme of Conditions of Service of the National Joint Council and to the Local Government Superannuation Act, 1937.

Applications, stating age, qualifications, experience and present salary, together with the names and addresses of two persons to whom reference may be made, should be forwarded to G. W. Sutton Brown, B.Sc., A.M.I.C.E., County Planning Officer, County Offices, Preston.

The final date for the receipt of applications is 26th February, 1949.

R. H. ADCOCK,
Clerk of the County Council.
County Offices, Preston. 1629

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

Applications are invited for appointment to the following Established Posts in the Borough Engineer and Surveyor's Department:—

(a) TWO SENIOR ARCHITECTS. Grade A.P.T. VII, £635, by annual increments of £25 to £710 per annum.

(b) TWO ARCHITECTS. Grade A.P.T. VI, £595, by two annual increments of £20 and one of £25 to £660 p.a.

(c) TWO ARCHITECTURAL ASSISTANTS. Grade A.P.T. V, £520, by two annual increments of £15 and one of £20 to £570 per annum.

(d) TWO ARCHITECTURAL ASSISTANTS. Grade A.P.T. IV, £480, by annual increments of £15 to £525 per annum.

In addition the present London weighting is payable on all the above salaries, viz.: age 16 to 20 years, £10 per annum; 21 to 25 years, £20 per annum; 26 and over, £30 per annum.

Qualifications required:—

Applicants for appointments in A.P.T. Division, Grades VII and VI, must be Chartered Architects, who have passed the Final examination of the R.I.B.A. or who hold an appropriate degree of a British University. Applicants for the Grade V and IV appointments must have passed the Intermediate examination of the R.I.B.A.

The appointments will be subject to (a) the provisions of the Scheme of Conditions of Service of the National Joint Council for Local Authorities' Administrative, Professional, Technical and Clerical Services, and (b) to the provisions of the Local Government Superannuation Act, 1937, the successful candidates being required to pass a medical examination.

Forms of application may be obtained from the Borough Engineer, Town Hall, Tottenham, N.15, to whom they should be returned, together with copies of two testimonials, not later than Wednesday, the 23rd February, 1949.

M. LINDSAY TAYLOR,
Town Clerk.

Town Hall, Tottenham, N.15.
31st January, 1949. 1631

COUNTY BOROUGH OF HUDDERSFIELD.
EDUCATION COMMITTEE.

Applications are invited for the following appointments in the office of the Education Architect, Geo. Crossley, F.R.I.B.A.:—

ASSISTANT ARCHITECT. A.P.T., Grade IV, £480×£15-£525.

ARCHITECTURAL ASSISTANT. A.P.T., Grade III, £450×£15-£495.

Preference will be given to candidates with accepted professional qualifications, and experience in the design and erection of modern school buildings.

The appointment will be subject to one calendar month's notice on either side, to the successful applicants passing a medical examination, to the provisions of the Local Government Superannuation Act, 1937, and to the Conditions of Service of the National Joint Council.

Applications, stating age, qualifications, present appointment, experience, etc., together with copies of two recent testimonials, endorsed "Assistant Architect" or "Architectural Assistant" should be submitted to the undersigned not later than 10 a.m. Monday, 21st February, 1949.

H. KAY,
Director of Education.
Education Offices, Peel Street, Huddersfield. 1626

CITY AND COUNTY OF BRISTOL.
CITY ARCHITECT'S DEPARTMENT.

Applications are invited for the following Permanent Staff appointments:—

SENIOR ASSISTANT ARCHITECTS:

(a) Grade VIII (£685-£760).

(b) Grade VII (£635-£710).

(c) Grade VI (£595-£660).

(d) Grade V (£520-£570).

ASSISTANT ARCHITECTS:

(e) Grade II (£420-£465).

JUNIOR ASSISTANT ARCHITECTS:

(f) Grade I (£390-£435).

Applicants for appointments (a), (b), (c) and (d) should be Associate Members of the R.I.B.A., or hold equivalent qualifications, and have good general experience in design and construction; experience in Local Authority office work will be an advantage.

Appointments are subject to provisions of the Local Government Superannuation Acts, 1937 and 1939, and successful applicants required pass medical examination. All appointments are terminable by one month's notice in writing on either side.

Housing accommodation provided, if necessary, at an economic rent.

Applications, indicating specific appointment applied for, stating age, training, qualifications, experience, present appointment and salary, and the names of two referees, must be delivered to the undersigned not later than Friday, 12th February.

J. NELSON MEREDITH, F.R.I.B.A.,
City Architect.
Eagle House, Colston Avenue, Bristol, 1. 1625

IRLAM URBAN DISTRICT COUNCIL.
APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant in the Engineer and Surveyor's Department, at a salary in accordance with Grade IV of the Administrative, Professional, and Technical Division of the National Joint Council's Scale of Salaries (as consolidated) (£480×£15-£525).

The appointment is of a temporary nature to cover a period of not less than two years, and will be terminable by one month's notice in writing on either side.

Candidates should have had a good knowledge of the preparation of plans, specifications and quantities; experience in Local Authorities' Housing Schemes and the design of Municipal buildings will be an advantage, and preference will be given to those holding a recognized qualification.

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

Applications, stating age, qualifications and experience, and accompanied by copy of one recent testimonial and the names of two referees, should be endorsed "Architectural Assistant," and be received by the undersigned not later than 10 a.m. on Saturday, 26th February, 1949.

Canvassing, either directly or indirectly, will disqualify.

EDWIN JONES,
Clerk of the Council.
Council Offices, Irlam, near Manchester.
2nd February, 1949. 1648

B.B.C. invites applications for the post of ARCHITECTURAL ASSISTANT, Grade III, based in London. Applicants must be qualified Architects and must have had two or more years' experience. Starting salary will be dependent on qualifications and experience, and is in a grade with annual increments of £25 and a maximum salary of £580 per annum. Prospects of promotion to a higher grade. The successful candidate will be eligible for consideration for appointment to the Established Staff (Contributory Pension Scheme) after a qualifying period of two years. Applications, stating age, qualifications, details of past and present employment, should reach the Engineering Establishment Office, Broadcasting House, London, W.1. within 7 days of the appearance of this advertisement.

1643

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-story dwellings, at salaries of up to £700 a year, the commencing salary in each case being determined according to qualifications and experience. Successful candidates will be required to contribute to the Council's Superannuation and Provident Fund, and will be eligible for appointment to the Council's permanent staff and for advancement on the occurrence of vacancies.

Duties will include:—

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

(b) Management of housing contracts of considerable value; interim valuations for payments; measurement 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.W.1. (a stamped addressed foolscap envelope required), quoting Q.S.1.

Canvassing disqualifies. (2140) 762

THE SOUTH WALES ELECTRICITY BOARD.

Applications are invited for the following positions in the Civil Engineering Department of the Board at St. Mellons, Cardiff:—

ARCHITECTURAL ASSISTANT:

Applicants will be required to undertake the design, layout and preparation of working drawings for Showrooms, Offices and Sub-stations, including alterations to existing buildings.

The salary will be in the provisional range of £600-£700 per annum, according to qualifications and experience.

ARCHITECTURAL DRAUGHTSMAN:
Applicants will be required to prepare drawings and details from rough sketches for erection and alteration of Offices, Showrooms and Sub-stations.

The salary will be in the provisional range of £400-£500, according to qualifications and experience.

Both positions will be superannuable and subject to one month's notice on either side.

Applications, stating age, present position, present salary, qualifications and experience, together with the names and addresses of three referees, should be addressed to the Secretary (Establishments Section), The South Wales Electricity Board, St. Mellons, Cardiff, and be received by him not later than the 26th February, 1949.

D. G. DODDS,

Secretary.
1645CITY OF LIVERPOOL.
ARCHITECTURAL AND HOUSING DEPARTMENT.

Applications are invited for the following appointments:—

(a) **PRINCIPAL ARCHITECT** (Re-development Section). Salary £1,000-£1,250 per annum.

(b) **PRINCIPAL HOUSING ARCHITECT**. Salary £1,000-£1,250 per annum.

(c) **MAINTENANCE AND WORKS OFFICER**. Salary £800-£1,000 per annum.

The persons appointed will, under the City Architect and Director of Housing, be responsible for, in the case of:—

Appointment (a): The architectural aspects of statutory planning schemes and the design of proposed buildings, the preliminary examination of sites and the preparation of site plans, and for such other duties as may be entrusted to him by the City Architect and Director of Housing.

Experience in the preparation of large scale architectural planning and re-development schemes to modern standards is essential.

Appointment (b): The design and supervision of all housing development and re-development schemes undertaken by the Department.

For appointments (a) and (b) applicants must be Fellows or Associates of the R.I.B.A., and the possession of Town Planning qualifications would be desirable.

Appointment (c): The maintenance of the Corporation Housing Estates, comprising approximately 50,000 houses, as well as the supervision and control of all direct labour building works undertaken by the Department, and control of the labour force appertaining thereto. Applicants should have had considerable practical experience in the control of building and maintenance contracts on a large scale, and the purchasing of all necessary building materials, plant, etc. Experience of building estimating is desirable.

The appointments are superannuable and subject to the Standing Orders of the City Council, successful candidates being required to pass a medical examination.

Applications on the prescribed form, which may be obtained from the City Architect and Director of Housing, Blackburn Chambers, Dale Street, Kingsway, Liverpool, 2, should be accompanied by copies of not more than three testimonials, and should be returned to him not later than 28th February, 1949. Canvassing disqualifies.

THOMAS ALKER,

Town Clerk.
1635Liverpool.
February, 1949.BOROUGH OF WATFORD.
APPOINTMENT OF ASSISTANT CLERK OF WORKS.

Applications are invited for the temporary appointment of an Assistant Clerk of Works, in the Borough Engineer and Surveyor's Department.

The appointment is in connection with the Council's Housing Schemes.

The duties will comprise assisting in the supervision of the erection of houses built for the Corporation. The total programme will be for approximately 2,000 houses, and applicants should have had some experience in supervising building works.

The salary will be an inclusive one of £8 8s. per week.

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

Applications, stating age, qualifications, present and past appointments, and full details of experience, must be made on the prescribed form, which can be obtained from the undersigned, and must be returned to him not later than Saturday, 19th February, 1949, endorsed "Assistant Clerk of Works."

F. C. SAGE, A.M.Inst.C.E., M.I.Mun.E.,

Borough Engineer and Surveyor.

Town Hall, Watford.

February, 1949.

1646

STAFFORDSHIRE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
APPOINTMENT OF ARCHITECTURAL STAFF.

GRADES V, VI AND VII, A.P.T. DIVISION.

Applications are invited for appointments within the above Grades of the National Scales, according to the qualifications and experience of the candidates, the salaries being:—

Grade V: £520 to £570.
Grade VI: £535 to £560.
Grade VII: £535 to £570.

The appointments will be subject to the provisions of the Local Government Superannuation Act, 1937, and the Scheme of Conditions of the National Joint Council. They will be terminable by one month's notice on either side, and the successful candidates will be required to submit certificates of medical fitness.

Applicants must be registered Architects, and preference will be given to Associates of the Royal Institute of British Architects, and those with considerable experience of Local Authority work.

Applications, stating clearly which appointment is applied for, and giving full particulars of qualifications, experience, age, etc., together with three recent testimonials, should be delivered to the County Architect, Martin Street, Stafford, within two weeks of the appearance of this advertisement.

Applicants must disclose whether or not they are related to any member or senior officer of the Council.

T. H. EVANS,

Clerk of the County Council.
County Buildings, Stafford.
3rd February, 1949.

1687

DURHAM COUNTY COUNCIL.
ARCHITECT'S DEPARTMENT.

APPOINTMENT OF ARCHITECTURAL ASSISTANTS.

Applications are invited for the appointments of Architectural Assistants in the following grades, in accordance with the National Joint Council for Local Authorities, Administrative, Professional, Technical and Clerical Services scales and conditions:—

Grade A.P.T. VI	£595-£660
" " V	£520-£570
" " IV	£480-£525
" " III	£450-£495
" " II	£420-£465
" " I	£390-£435
Misc. Grade I	£315-£350

The persons appointed will be required to pass a medical examination and the appointments are subject to the Local Government Superannuation Act, 1937, and to the regulations of the County Council relating to sickness for the time being in force.

Canvassing will disqualify, and a candidate who is related to a Member or a Senior Officer of the Council must disclose this fact in his application.

Applications, giving particulars of age, experience and qualification, previous and present appointments, etc., and giving the names of three persons to whom reference can be made, should be forwarded to Mr. G. R. Clayton, F.R.I.B.A., County Architect, Court Lane, Durham, not later than 18th February, 1949.

J. K. HOPE,

Clerk of the County Council.
Shire Hall, Durham.
3rd February, 1949.

1670

COUNTY BOROUGH OF DUDLEY.
BOROUGH ARCHITECT'S DEPARTMENT.

QUANTITY SURVEYOR.

Applications are invited from suitably qualified persons for the position of Quantity Surveyor to the Borough Architect's Department.

Applicants must have a good experience of modern building procedure, and must be able to take off from working drawings, abstract, and prepare Bills of Quantities complete.

Applications, stating age, qualifications and previous experience, should be received by me not later than Saturday, the 26th February 1949.

P. D. WADSWORTH,

Town Clerk.
The Council House, Dudley.
3rd February, 1949.

1683

DENBIGHSHIRE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.

The above County Council invites applications for the following post:—

BUILDING INSPECTOR (Ruthin Area).
Grade V, A.P.T. Division. Salary £520 to £570 per annum.

Candidates must hold the Building Inspector's Certificate of the Surveyor's Institute or the R.I.B.A., and must have had experience in the preparation of detailed reports and specifications in respect of maintenance and repairs to all classes of County Property, and the supervision of such works, and must also be capable of preparing plans for small alterations and improvements, surveying and levelling.

The appointment will be subject to one month's notice on either side, terminating at the end of a month, and also to the provisions of the Local Government Superannuation Act, 1937.

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

Applications, giving age, experience, and particulars of present and previous appointments, and accompanied by copies of three recent testimonials, to be sent to me, the undersigned, in a sealed envelope endorsed "Building Inspector" by not later than the 28th day of February, 1949.

WILLIAM JONES,

Clerk of the County Council.
County Offices, Ruthin.
3rd February, 1949.

1686

CORPORATION OF LONDON.
CITY SURVEYOR'S OFFICE.

Applications are invited for the following appointments, in the City Surveyor's Office:—

ASSISTANT ARCHITECTS AND SURVEYORS. Salary £400 to £600 per annum (inclusive of consolidated bonus), according to age, qualification and experience.

Applicants, aged 25 to 35 years, should either have qualified or be about to qualify for Associate Membership of the Royal Institute of British Architects or Associate Membership of the Royal Institution of Chartered Surveyors (Building Sub-division).

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

Previous experience with a Municipal Body is not essential.

Applications, endorsed "Technical Staff," to be made to George Holliday, F.R.I.C.S., City Surveyor, 55-61, Moorgate, E.C.2, giving the following particulars: Service with Armed Forces, age, qualifications or intentions in connection therewith, previous training, positions and experience, salary required, date when available to commence duties if selected, together with copies of two testimonials.

SOUTH-EASTERN ELECTRICITY BOARD.
STAFF VACANCIES.

Applications are invited for the following appointment:—

ARCHITECTURAL AND SURVEYING ASSISTANT, Surrey Sub-Area. Commencing salary £390 per annum. Applicants should be expeditious draughtsmen, and have had previous experience in an architect's or surveyor's office. Professional or technical qualifications will be an advantage.

The above salary is provisional, and is subject, in due course, to negotiation with the appropriate organization. Arrangements for superannuation will be made.

Applications, stating age, present position, experience and qualifications, and giving the names of two referees, should reach C. W. Hughes, Esq., B.Sc., M.I.E.E., Surrey Manager, South-Eastern Electricity Board, Burford, Dorking, Surrey, by not later than the 21st February 1949.

A. L. BURNELL,

Secretary.
10, Queen's Gardens, Hove, 3, Sussex.
February, 1949.

1688

COUNTY BOROUGH OF CARLISLE.
APPOINTMENT OR JUNIOR ASSISTANT

TOWN PLANNING OFFICER, GRADE II.

Applications are invited for the above appointment on the permanent staff of the City Engineer and Surveyor and Planning Officer at a consolidated salary of £420, rising by annual increments of £15 to £465 per annum.

Applicants should preferably have passed the Intermediate Examination of either the Town Planning Institute, Institution of Municipal Engineers, Royal Institute of British Architects, or the Royal Institution of Chartered Surveyors, and consideration will be given to applications received from Geographers and from persons experienced in Ordnance Survey work.

Previous experience in the practice of Town and Country Planning will be considered an advantage.

The Council will do their best to make housing accommodation available to the successful applicant if he so desires.

Application forms may be obtained from the City Engineer, 18, Fisher Street, Carlisle, and completed forms should be returned to me not later than Monday, 28th February, 1949.

H. D. A. ROBERTSON,

Town Clerk.
The Town Clerk's Office, Fisher Street,
Carlisle.

1675

RURAL DISTRICT COUNCIL OF COOKHAM.
APPOINTMENT OF DEPUTY TO ARCHITECT

AND BUILDING SURVEYOR.

Applications are invited for the appointment of Deputy to the Architect and Building Surveyor at a consolidated salary in accordance with Grade II (£420-£465) of the A.P.T. Division of the National Scales of Salaries.

Applicants should have had good experience in all duties appertaining to the office of an Architect and Surveyor to a Local Authority, and preference will be given to those who have passed the Intermediate Examination of The Royal Institute of British Architects or The Royal Institution of Chartered Surveyors. The person appointed must provide a motor-car for use in connection with his duties, for which an allowance up to 10 h.p. will be paid in accordance with the National Scale. The appointment will be subject to (a) the provisions of the Local Government Superannuation Act, 1937, (b) the successful candidate satisfactorily passing a medical examination, and (c) the National Scheme of Conditions of Service. A Council House will be made available if required.

Applications, stating age, qualifications and experience, accompanied by copies of three recent testimonials, must reach the undersigned by the 28th February, 1949.

R. PAYTON WHEELER,

Clerk of the Council.
Council Offices, "Oaklands," 1, Bath Road,
Maidenhead, Berkshire.
10th February, 1949.

1681

NEWCASTLE-UPON-TYNE REGIONAL HOSPITAL BOARD.

ALNWICK INFIRMARY, ALNWICK, NORTHUMBERLAND (21 BEDS).

The Board desires to appoint a PRACTISING ARCHITECT or Firm of ARCHITECTS for the extension of the above Hospital to a capacity of 100 to 120 patient beds.

Applicants should preferably have had experience in the planning and construction of hospitals. Particulars of the Board's system of administration for architectural projects, including *inter alia* Committee organization and arrangements for consultation with the appropriate officers of the Hospital Management Committee and the Regional Hospital Board, may be obtained from the undersigned.

It is hoped to commence building operations early in 1950.

Applicants are invited to state their special qualifications for undertaking this project (quoting example of hospital work executed), and to submit their application not later than 28th February, 1949, to E. B. JENKINS, Secretary, "Dunira," Osborne Road, Newcastle-upon-Tyne, 2.

26th January, 1949. 1684

CITY OF NORWICH.

CITY ARCHITECT'S DEPARTMENT.

Applicants are invited for the appointment on the permanent staff of ARCHITECTURAL ASSISTANTS in Grades I to IV of A.P.T. Division, grading in accordance with experience. Candidates to have good general architectural training and experience. For the higher grades preference will be given to those qualified by examination.

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

Housing accommodation can be made available. Candidates who, to their knowledge, are related to any member or officer of the Council, shall, when making application for the appointment, disclose the relationship in writing to the Town Clerk. A candidate who fails to do so shall be disqualified for the appointment and, if appointed, shall be liable to dismissal without notice.

Canvassing of members of the Council or of any Committee, directly or indirectly, shall disqualify the candidate for the appointment.

Applications, stating grade for which applying, accompanied by copies of three recent testimonials, endorsed "Architectural Assistant," must be received by the City Architect not later than Friday, 25th February, 1949. 1682

BOROUGH OF KEIGHLEY.

BOROUGH ARCHITECTS AND HOUSING DEPARTMENT.

Applicants are invited for the under-mentioned appointments on the permanent staff.

Conditions of Service and salaries are in accordance with the National Joint Council Scheme for Local Authorities.

(a) ONE SENIOR ASSISTANT ARCHITECT. Grade VI(a), salary scale £550 to £610.

(b) ONE ASSISTANT ARCHITECT. Grade III, salary scale £450 to £495.

(c) ONE ASSISTANT ARCHITECT. Grade I, salary scale £390 to £435.

(d) ONE QUANTITY SURVEYING ASSISTANT. Grade I, salary scale £390 to £435. Applicants for position (a) must be Associate Members of the R.I.B.A., with experience in post-war School building.

Applicants for position (b) to have had general architectural experience in a Municipal office, preferably holding a professional qualification. Some experience in post-war School building would be an advantage.

Applicants for positions (c) and (d) to have had general architectural or quantity surveying experience, preferably having passed the Intermediate examination of their respective Professional Institutes.

Canvassing of Members of the Council, directly or indirectly, will be a disqualification for appointment.

Applications to be made on a form to be obtained from the undersigned, to whom it must be returned, accompanied by copies only of three recent testimonials, not later than Thursday, 24th February, 1949. In applying for the form, please state for which appointment.

Envelopes and applications must be endorsed, stating clearly the vacancy for which the application is made.

E. G. FELGATE, A.R.I.B.A.

Borough Architect.

Borough Architects and Housing Department, College Street, Keighley. 1589

CITY OF NOTTINGHAM.

CITY ENGINEER'S DEPARTMENT.

Applicants are invited for the post of ARCHITECTURAL ASSISTANT, Grade A.P.T., IV, £480 to £525.

Applicants should have passed the Intermediate examination of the Royal Institute of British Architects and had good office experience.

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

Applications are to be on forms to be obtained from R. M. Finch, O.B.E., M.I.E., City Engineer and Surveyor, Guildhall, Nottingham, to whom they should be returned not later than Monday, 20th February, 1949.

J. R. RICHARDS,

Town Clerk.

The Guildhall, Nottingham. 1621

COUNTY BOROUGH OF EAST HAM. APPOINTMENT OF TOWN PLANNING OFFICERS.

Applications are invited for the following permanent appointments in the Town Planning Section of the Borough Engineer's Department:—

(a) CHIEF ASSISTANT PLANNING OFFICER (Grade A.P.T., VII). Salary £635 to £710 per annum.

(b) JUNIOR ASSISTANT PLANNING OFFICER (Grade A.P.T., I). Salary £390 to £435 per annum.

London weighting is paid in addition, and salaries in excess of the minima of the grades may be paid according to qualifications and experience.

Candidates for the appointment (a) must be Associate Members of the Town Planning Institute or hold an equivalent qualification, and have had a general experience of planning work. Experience in a County Borough would be an advantage.

Candidates for the appointment (b) must be competent draughtsmen, and have general knowledge and experience of Town Planning work.

Housing accommodation is not provided, but the Council will be prepared to consider applications for subsistence allowances in appropriate cases from persons appointed who may be unable to obtain suitable accommodation.

Application forms obtainable from the undersigned, must be returned not later than 26th February, 1949.

(Sgd.) H. A. EDWARDS,

Town Clerk.

Town Hall, East Ham, E.6. 1678

COUNTY BOROUGH OF CARLISLE.

APPOINTMENT OF SENIOR ASSISTANT TOWN PLANNING OFFICER, GRADE IV.

Applications are invited for the above appointment on the permanent staff of the City Engineer and Surveyor and Planning Officer at a consolidated salary of £480, rising by annual increments of £15 to £525 per annum.

Applicants should preferably have passed the Final Examination of the Town Planning Institute and/or the Final Examination of the Institute of Civil or Municipal Engineers, Royal Institute of British Architects, or the Royal Institution of Chartered Surveyors, or hold other equally suitable qualifications. Previous experience in the practice of Town and Country Planning is desirable.

The Council will do their best to make housing accommodation available to the successful applicant if he so desires.

Application forms may be obtained from the City Engineer, 18, Fisher Street, Carlisle, and completed forms should be returned to me not later than Monday, 28th February, 1949.

H. D. A. ROBERTSON,

Town Clerk.

The Town Clerk's Office, Fisher Street, Carlisle. 1674

GOVERNMENT OF NORTHERN IRELAND. MINISTRY OF HEALTH AND LOCAL GOVERNMENT.

ASSISTANT ARCHITECTS.

Applications are invited for unestablished posts of Assistant Architects in the Ministry of Health and Local Government. The appointments will be for as long as can be foreseen last for several years. Remuneration: Successful candidates will be remunerated within one of the following salary ranges:—

Range A:—£700-£900 per annum inclusive.

Range B:—£500-£750 per annum inclusive.

and the commencing salary within these ranges will be fixed in each case according to qualifications and experience. Two vacancies exist at Range A for Housing work, one at Range B for Planning, and one at Range B for Public Health work.

Qualifications: Candidates must be Registered Architects by examination. In addition, the candidates for the Housing and Public Health vacancies should, preferably, have experience in up-to-date house or hospital design and layout, as the case may be, and some aptitude for research into comparative standards of design and construction. In the case of a Planning appointment candidates should preferably possess a recognized qualification in town planning or have good experience in town planning work.

Preference will be given to candidates who served with H.M. Forces during the 1914-18 or 1939-45 war, providing the Ministry is satisfied that such candidates can, or within a reasonable time will be able to, discharge the duties efficiently.

Applications, giving date of birth, full particulars of qualifications and experience, and stating the post applied for, together with copies of two recent testimonials, should be sent, without delay, to the Assistant Secretary (Establishments), Ministry of Finance, Stormont, Belfast. 1590

BOROUGH OF SURBITON.

APPOINTMENT OF ARCHITECTURAL ASSISTANT, A.P.T., IV.

Applications are invited for this permanent post, Salary £480-£525 per annum, plus London "weighting." Housing accommodation will be provided, if necessary, at an economic rent as and when such accommodation becomes available.

Conditions of appointment and forms of application may be obtained from the undersigned, to whom applications should be delivered by 25th February, 1949.

R. H. WRIGHT,

Town Clerk.

Council Offices, Surbiton. 1685

BRITISH ELECTRICITY AUTHORITY. NORTH-WESTERN DIVISION.

CARRINGTON GENERATING STATION. QUANTITY SURVEYOR, at the Carrington Generating Station, near Manchester.

Candidates need not hold a professional qualification, but should have experience in taking off and billing and checking of general building and civil engineering contractors' accounts. Salary in accordance with Grade IV, Administrative, Professional and Technical Division of the N.J.C.L.A., namely £420 per annum, rising by annual increments of £15 to £465 per annum.

Applications, giving details of age, training and experience, to be addressed to Messrs. C. S. Allott & Son, Consulting Engineers, 1, North Parade, Manchester, 3. 1604

ANGLESEY COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the permanent appointment in the County Architect's Department of ONE JUNIOR ARCHITECTURAL ASSISTANT. Salary Grade I, commencing at £390 per annum, and rising to £435 per annum. Applicants should have had good training in general architectural work, and be capable of preparing working drawings and details under supervision.

The appointment will be subject to the provisions of the Local Government Officers' Superannuation Act, 1937; candidates called for interview will be required to undergo a medical examination by the County Medical Officer.

Applications, stating age, training, qualifications, experience, and past and present appointments, and giving the names of two referees and accompanied by a copy of one recent testimonial, should be delivered to the undersigned not later than Monday, 28th February, 1949.

WILLIAM JONES,

Clerk of the County Council.

Shire Hall, Llangefni, Anglesey. 1691

5th February, 1949.

Tenders for Contracts

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

COUNTY COUNCIL OF DURHAM.

SUPPLY OF MATERIALS, TOOLS AND PLANT, 1949-50.

Quotations are invited for the supply of materials, tools and plant for the year ending 31st March, 1950.

Prices should be nett and devoid of any discount either trade or cash, and to be inclusive of delivery to any building in the County of Durham. All materials quoted should be as specified by the British Standard Institution.

Schedules of materials, tools and plant may be had on application to the undersigned.

Quotations should reach me not later than first post, 12th March, 1949.

G. R. CLAYTON, F.R.I.B.A.

County Architect.

County Architect's Office, Court Lane, Durham. 1671

3rd February, 1949.

Partnerships and Financial

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

PROFESSIONAL SURVEYOR is offered opportunity of Partnership in firm of professional Consultants; no capital investment required; applicant must be of high professional standard and qualifications. Box 1615.

Competitions

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

Proposed Fleet Air Arm MEMORIAL of the 1939-45 War at LEE-ON-SOLENT, Hampshire.

The Imperial War Graves Commission invite Architects who are ex-servicing full-time members of His Majesty's Forces to submit designs in competition for the Fleet Air Arm Memorial of the 1939-45 War, which they propose to erect on a site on the sea-front at LEE-ON-SOLENT. Assessor: Mr. Edward Maufe, R.A.

Premiums: £100, £50 and £30.

Last day for submitting designs: 20th May, 1949.

Last day for questions: 18th March, 1949.

Conditions may be obtained from the Secretary, Imperial War Graves Commission, 32, Grosvenor Gardens, S.W.1. The deposit is £1.

Applicants for the Conditions must state:—

(a) Their Architect's registration number.

(b) The branch of H.M. Forces in which they served. 1655

Architectural Appointments Vacant

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

ONE ARCHITECTURAL ASSISTANTS required by firm of Architects with offices in West End of London; applicants should be up to R.I.B.A. Intermediate standard at least. Please apply by letter, stating age, experience, and salary required. This position would possibly suit two friends desiring employment together. Box 1295.

M. R. LAWRENCE BOND requires an ASSISTANT, at least Inter. standard, in his practice as Diocesan Surveyor and Church Architect, at 11, Elmer Street, Grantham. 1531

ARCHITECTURAL ASSISTANTS above Inter. standard required for busy N.E. London office. Box 1643.

ARCHITECTURAL ASSISTANT (single) required for country town office; office trained; good draughtsman; car owner/driver; experience in outside supervision and specifications; salary £500 per annum. Details to Box 1542.

ARCHITECTURAL ASSISTANT required (qualified) for General Practice-Surveyors, Working Drawings and Specifications. Write, stating age, previous experience and salary required, Henry C. Smart & Partners, L.R.I.B.A., 120, Moorgate, E.C.2. 1555

ARCHITECT (Chartered) urgently requires ASSISTANT in Coventry; intermediate standard; good at design and perspective; flat now available if married; full details of experience, etc.; possible partnership later if satisfactory. Box 1559.

SENIOR ARCHITECTURAL ASSISTANT required in Architect's Department of Public Works Contractors, South London area; experience required in factory design and housing schemes; must have sound knowledge of construction and be conversant with present day regulations; salary up to £500 per annum. Box 1572.

JUNIOR ARCHITECTURAL ASSISTANT required for Architect's Department of Public Works Contractors in South London area; must be good draughtsman, capable of carrying out working drawings under supervision; good prospects; salary up to £300 per annum. Apply to Architect, E. O'Sullivan, Limited, Cray Avenue, St. Mary Cray, Kent. Phone: Orpington 1573

PART-TIME ASSISTANCE required; applicants should be able to prepare working drawings and specifications from sketch plan. Write, giving details and hours available, terms. Box 1569.

CIVIL Engineering Contractors require Four Junior and Two Senior qualified ARCHITECTURAL ASSISTANTS, for 2 years' service, Nyasaaland; preference to unmarried men or those without family ties; salary up to £900 per annum for competent, qualified, and suitable applicants. Apply in writing, giving full particulars of qualifications and experience, Trevor Construction Co., Ltd., 76, Victoria Street, S.W.1. 1553

JUNIOR ARCHITECTURAL ASSISTANT required urgently. Apply, stating age, qualifications, experience, salary required, etc., with testimonials, to Buttrick & Buttrick, F.A.R.I.B.A., 43, Oswald Road, Scunthorpe, Lincolnshire. 1570

EXPERIENCED SENIOR ARCHITECTURAL ASSISTANT, A.R.I.B.A., required for large Bristol office; excellent opportunity and prospects for suitable applicant; permanency. Apply in first instance, stating age and experience, to W. H. Watkins, Gray, F.F.R.I.B.A., & Partners, 19, Grosvenor Place, London, S.W.1. 1566

SERLEY & PAGET, F./L.R.I.B.A., require fully qualified ASSISTANT; must be experienced working drawings and specifications, with sound knowledge of all normal methods of construction; licensed work now in hand includes many important Ecclesiastical commissions. Apply by letter giving usual details to 41, Cloth Fair, E.C.1. 1581

ASSISTANT QUANTITY SURVEYOR—Imperial Chemical Industries, Ltd., Alkali Division, Northwich, Cheshire, require an ASSISTANT QUANTITY SURVEYOR; experience necessary in taking-off, abstracting, billing and pricing, building and civil engineering works. Applications, giving full particulars, should be submitted to the Staff Manager, address as above. 1585

WANTED - URGENTLY—Fully qualified ARCHITECT AND SURVEYOR for busy office in a South Lancashire town; good prospects and possibility of early Partnership. Apply, stating age, salary required, and full particulars to Box 1597.

AN expanding Middle East Oil Company urgently requires an ASSISTANT ARCHITECT in the London office, for the execution of sketch and working drawings connected with any architectural items required; should be up to senior architectural standard; A.R.I.B.A. preferable; not less than 7 years in drawing offices engaged on housing schemes, public buildings, town planning, etc.; knowledge of Middle East architectural practice, climatic difficulties, materials, is an advantage; some knowledge of reinforced concrete and specialised construction, including the "Bellrock" system, desirable; age 26-40; salary £600-£750 per annum, according to age and experience. Write, giving brief details for application form, and quoting L.O. 125, to Box "E.F.", c/o J. W. Vickers & Co., Ltd., 7/8, Great Winchester Street, London, E.C.2. 1534

ARCHITECTURAL ASSISTANT required, experienced in industrial work and working drawings. Write, stating salary and experience, to L. G. Mouchel & Partners, Ltd., 38, Victoria Street, S.W.1. 1503

ARCHITECTURAL ASSISTANTS required (Senior and Junior); Seniors must have reached Finals standard and Juniors intermediate; houses available if married; salary according to experience. Full particulars to Box 1602.

SIR JOHN BURNET, Tait & Partners require Men with initiative and ability for vacancies in their London office. Write, giving particulars of experience and salary required, to 10, Bedford Square, London, W.C.1. 1475

ARCHITECTURAL ASSISTANT required by Managing Director of well-established Firm; interested conversion flats, shops, offices, etc.; excellent opening for young qualified man. Full details of experience, salary required, etc., to Quinton Edwards Properties, Ltd., 41, North Street, Brighton. 1658

EDINBURGH—Energetic SENIOR ASSISTANT required immediately by busy Edinburgh office. State salary and experience to Box 1617.

ARCHITECTS require JUNIOR and SENIOR ASSISTANTS. Write H. Jackson and R. Edmonds, F.F./R.I.B.A., 65, New Street, Birmingham, 2, stating qualifications, experience, and salary. 1634

ARCHITECTURAL ASSISTANT required, South Nottinghamshire area, with either Inter. or Final A.R.I.B.A. Applications, stating age, qualifications and salary required, to Box 1642.

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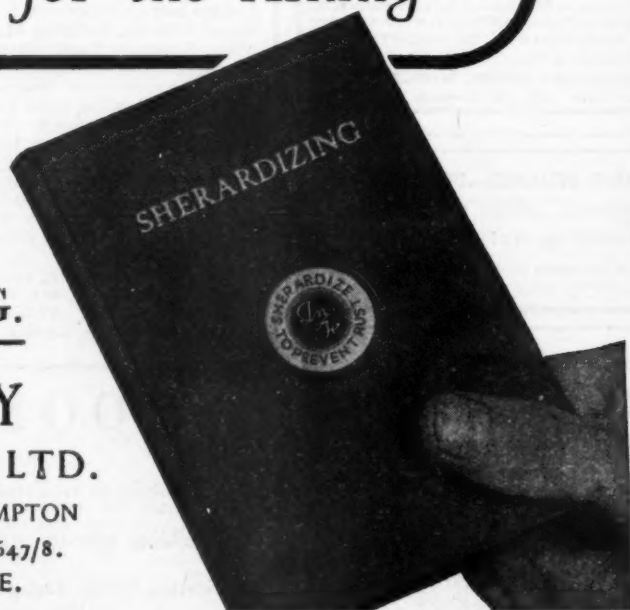
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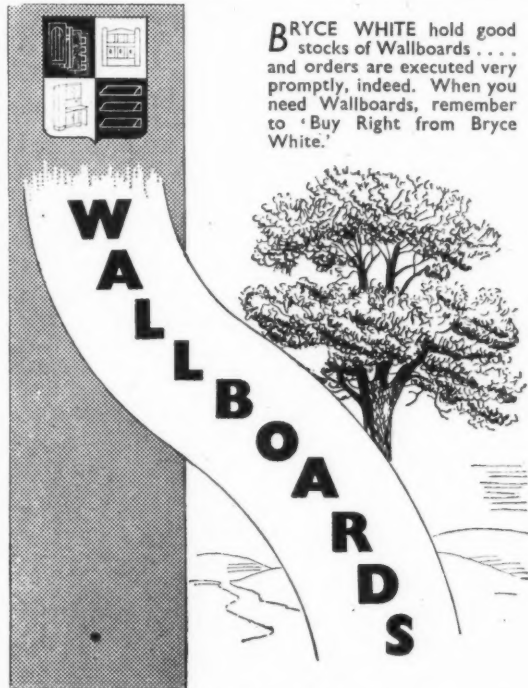
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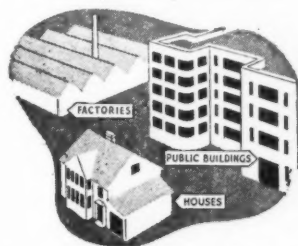
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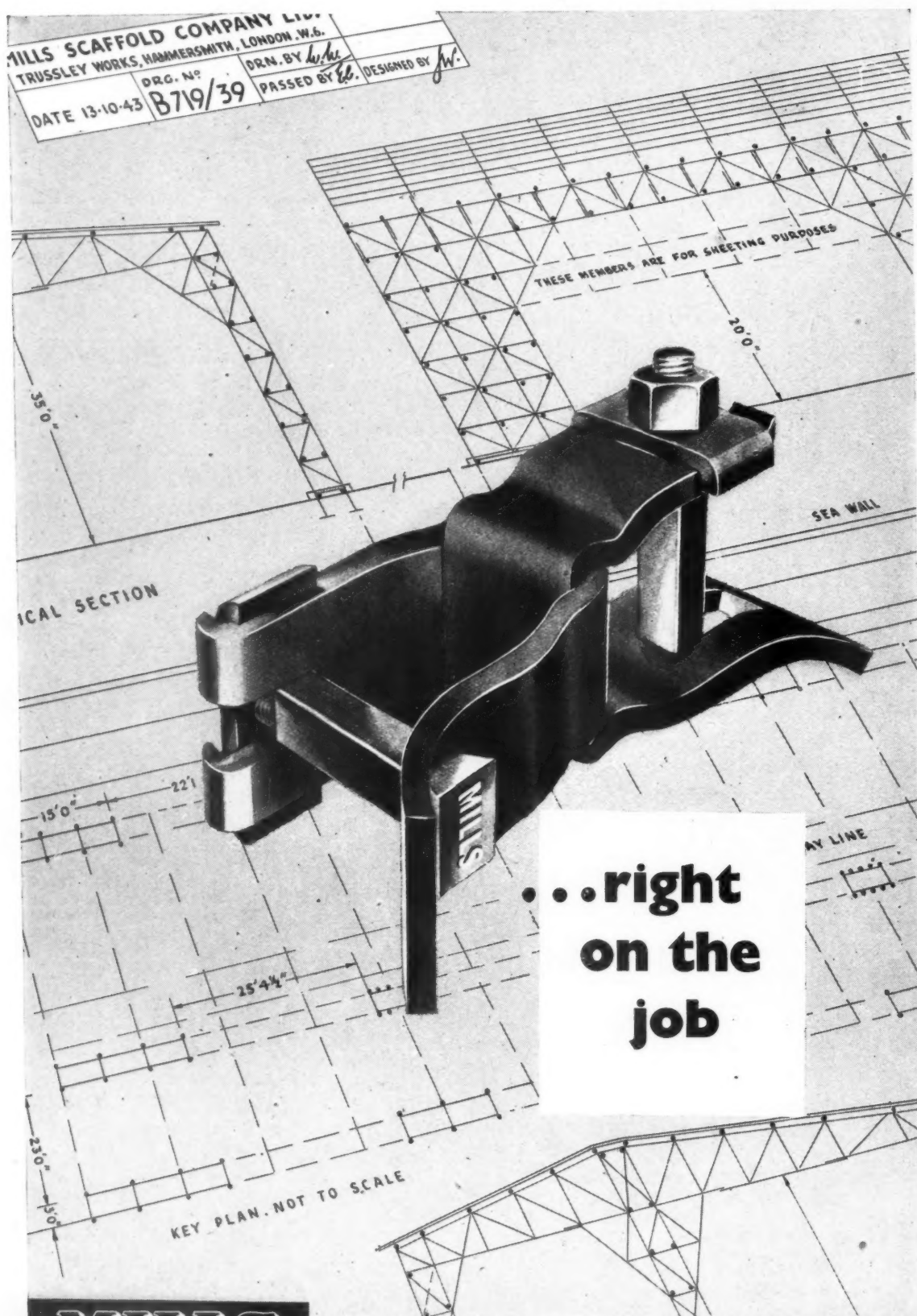
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