

THE ARCHITECTS' JOURNAL



standard contents

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

DIARY NEWS

from AN ARCHITECT'S Commonplace Book

ASTRAGAL

LETTERS

PHYSICAL PLANNING

CURRENT BUILDINGS

INFORMATION

CENTRE

Physical Planning Lighting
Structure Heating & Ventilation
Materials Questions & Answers
Acoustics & Sound Insulation

INFORMATION SHEET

SOCIETIES & INSTITUTIONS

PRICES

Architectural Appointments
Wanted and Vacant

No. 2679] [Vol. 103
THE ARCHITECTURAL PRESS
Editorial: Thirteen Queen Anne's Gate,
Westminster, S.W.1. Phone: Whitehall 0611
Subscriptions and Advertising: Forty-Five
The Avenue, Cheam, Surrey. Phone:
Vigilant 0087-9.

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* A glossary of abbreviations of Government Departments and Societies and Committees of all kinds, together with their full address and telephone numbers, is given below. In all cases where the town is not mentioned the word LONDON is implicit in the address.

AA	Architectural Association. 34/6, Bedford Square, W.C.1.	Museum 0974
ABT	Association of Building Technicians. 5, Ashley Place, S.W.1.	Victoria 0447-8
ACGB	Arts Council of Great Britain. 9, Belgrave Square, S.W.1.	Sloane 0421
APRR	Association for Planning and Regional Reconstruction. 34, Gordon Square, W.C.1.	Euston 2158-9
ARCUK	Architects' Registration Council. 68, Portland Place, W.1.	Welbeck 9738
ASB	Architectural Science Board of the Royal Institute of British Architects. 66, Portland Place, W.1.	Welbeck 5721
BC	Building Centre. 23, Maddox Street, W.1.	Mayfair 2128
BCIRA	British Cast Iron Research Association. Alvechurch, Birmingham.	Redditch 716
BDA	British Door Association. 25, Victoria Street, S.W.1.	
BIA	British Ironfounders' Association. 145, Vincent Street, Glasgow, C.2.	Glasgow Central 2891
BIAE	British Institute of Adult Education. 29, Tavistock Square, W.C.1.	Euston 5385
BINC	Building Industries National Council. 11, Weymouth Street, W.1.	Langham 2785
BOT	Board of Trade. Millbank, S.W.1.	Whitehall 5140
BRS	Building Research Station. Bucknalls Lane, Watford.	Garston 2246
BSA	British Steelwork Association. Egginton House, Buckingham Gate, S.W.1.	Victoria 7301-2-3
BSI	British Standards Institution. 28, Victoria Street, S.W.1.	Abbey 3333
CCA	Cement and Concrete Association. 52, Grosvenor Gardens, S.W.1.	Sloane 5255
CID	Council of Industrial Design. Tilbury House, Petty France, S.W.1.	Whitehall 6322
CPRE	Council for the Preservation of Rural England. 4, Hobart Place, S.W.1.	Sloane 4280
CSI	Chartered Surveyors' Institution. 12, Great George Street, S.W.1.	Whitehall 5322
DIA	Design and Industries Association. 2, Stratford Place, W.1.	Mayfair 5432
DOT	Department of Overseas Trade. Dolphin Square, S.W.1.	Victoria 4477
EJMA	English Joinery Manufacturers Association (Incorporated). Sackville House, 40, Piccadilly, W.1.	Regent 4448
FAS	Faculty of Architects and Surveyors. 8, Buckingham Palace Gdns., S.W.1.	Sloane 2837
FMB	Federation of Master Builders. 23, Compton Terrace, Upper Street, N.1.	Canonbury 2041
FS (Eng.)	Faculty of Surveyors of England. 8, Buckingham Palace Gdns., S.W.1.	Sloane 2837
GG	Georgian Group. 4, Hobart Place, S.W.1.	Sloane 2844
HC	Housing Centre. 13, Suffolk Street, Pall Mall, S.W.1.	Whitehall 2881
IAAS	Incorporated Association of Architects and Surveyors. 75, Eaton Place, S.W.1.	Sloane 3158
ICE	Institution of Civil Engineers. Great George Street, S.W.1.	Whitehall 4577
IEE	Institution of Electrical Engineers. Savoy Place, W.C.2.	Temple Bar 7676
IOB	Institute of Builders. 48, Bedford Square, W.C.1.	Museum 7197
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 3767
MARS	Modern Architectural Research. 46, Sheffield Terrace, W.8.	Park 7678
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 Asphalt Mine-Owners and Manufacturers Council. 94, Petty France, S.W.1.	Abbey 1010
NBR	National Buildings Record. 37, Onslow Gardens, S.W.7.	Kensington 7070
NFBTE	National Federation of Building Trades Employers. 82, New Cavendish Street, W.1.	Langham 4041
NFBTO	National Federation of Building Trades Operatives. 9, Rugby Chambers, Rugby Street, W.C.1.	Holborn 2770
NFHS	National Federation of Housing Societies. 13, Suffolk St., S.W.1.	Whitehall 2881/2/3
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 7611
RCA	Reinforced Concrete Association. 91, Petty France, S.W.1.	Whitehall 9936
RIBA	Royal Institute of British Architects. 66, Portland Place, W.1.	Welbeck 5721
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
SFMA	School Furniture Manufacturers' Association. 13, New Square, Lincoln's Inn, W.C.	Chancery 5313
SIA	Society of Industrial Artists. 20, Wellfield Avenue, N.10.	Tudor 7027
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 6147
TPI	Town Planning Institute. 18, Ashley Place, S.W.1.	Victoria 8815

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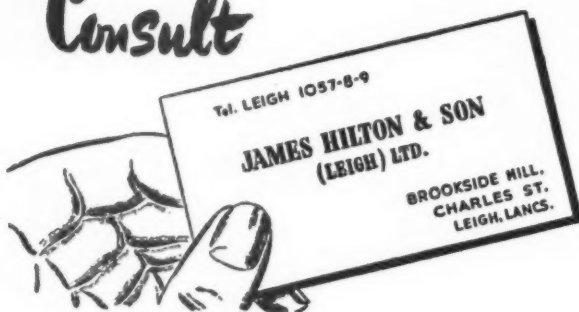
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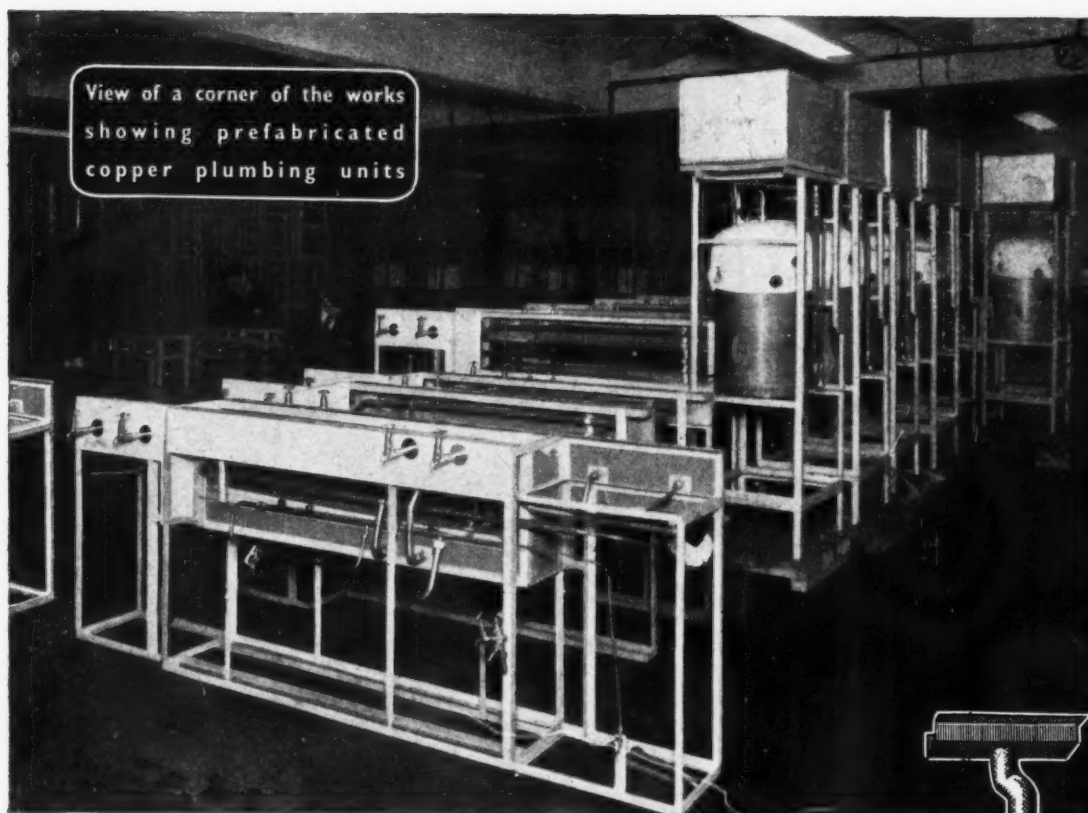
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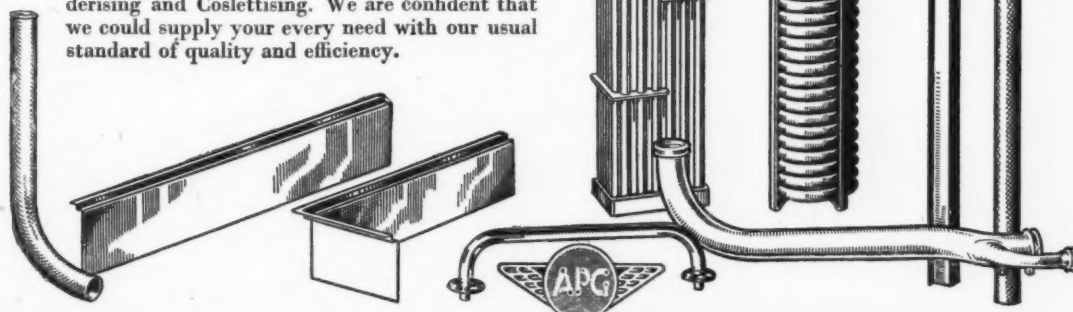
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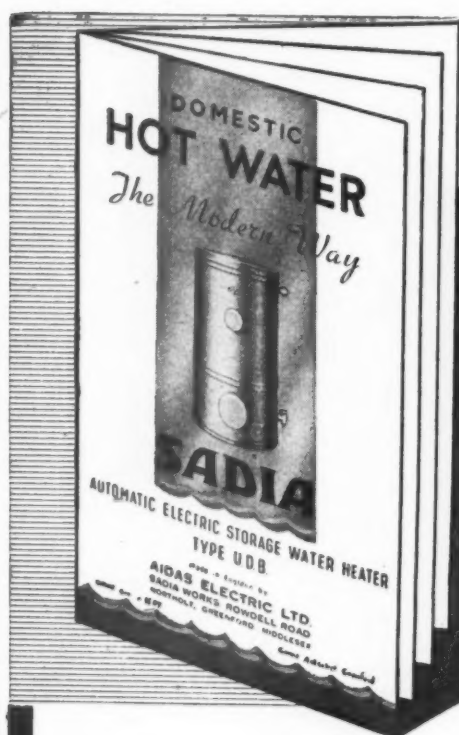
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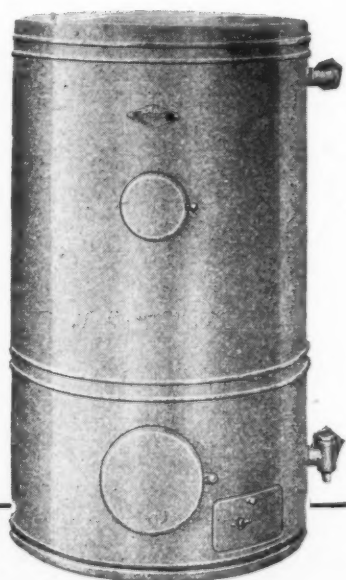
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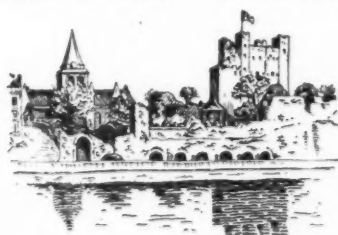
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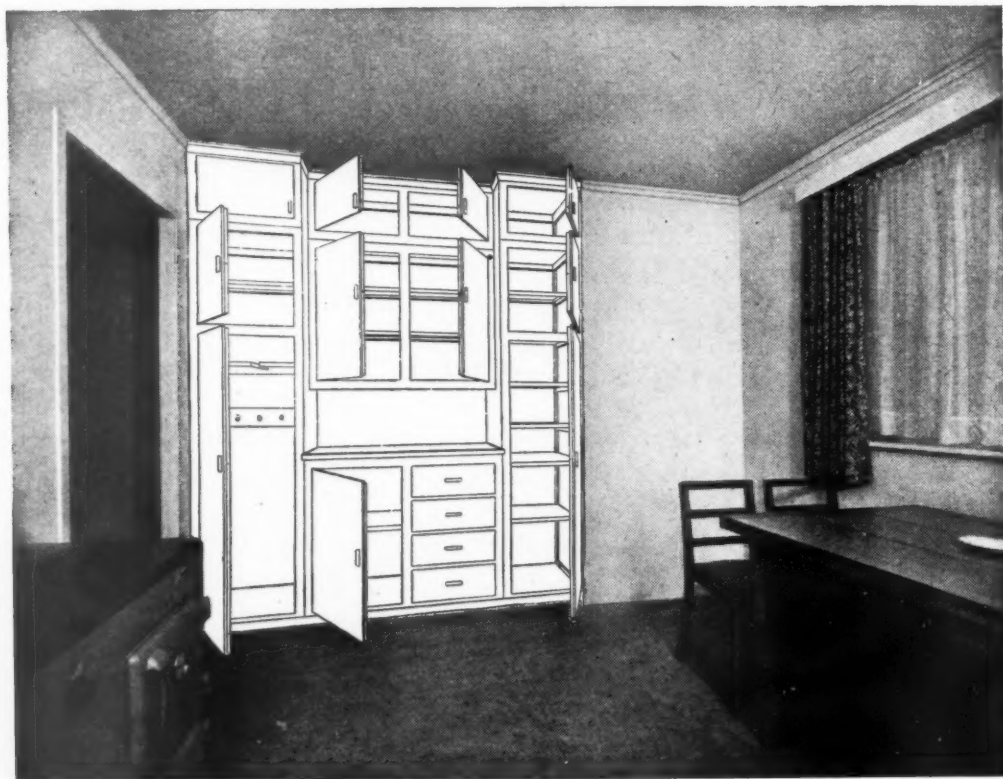
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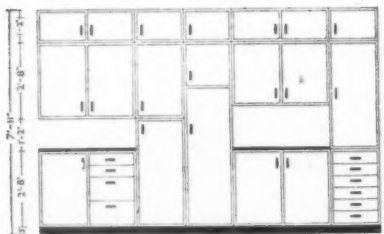
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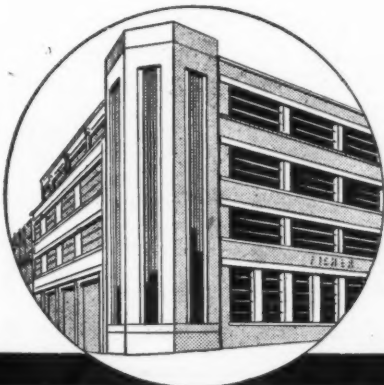
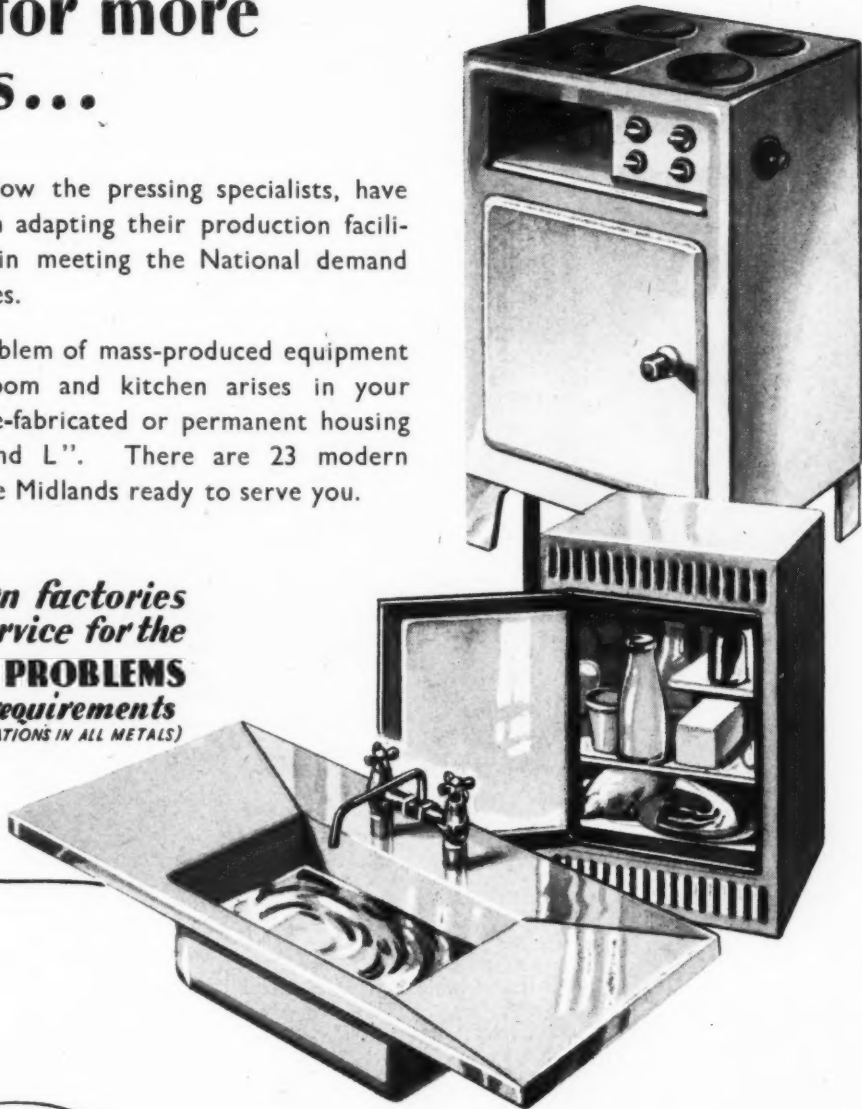
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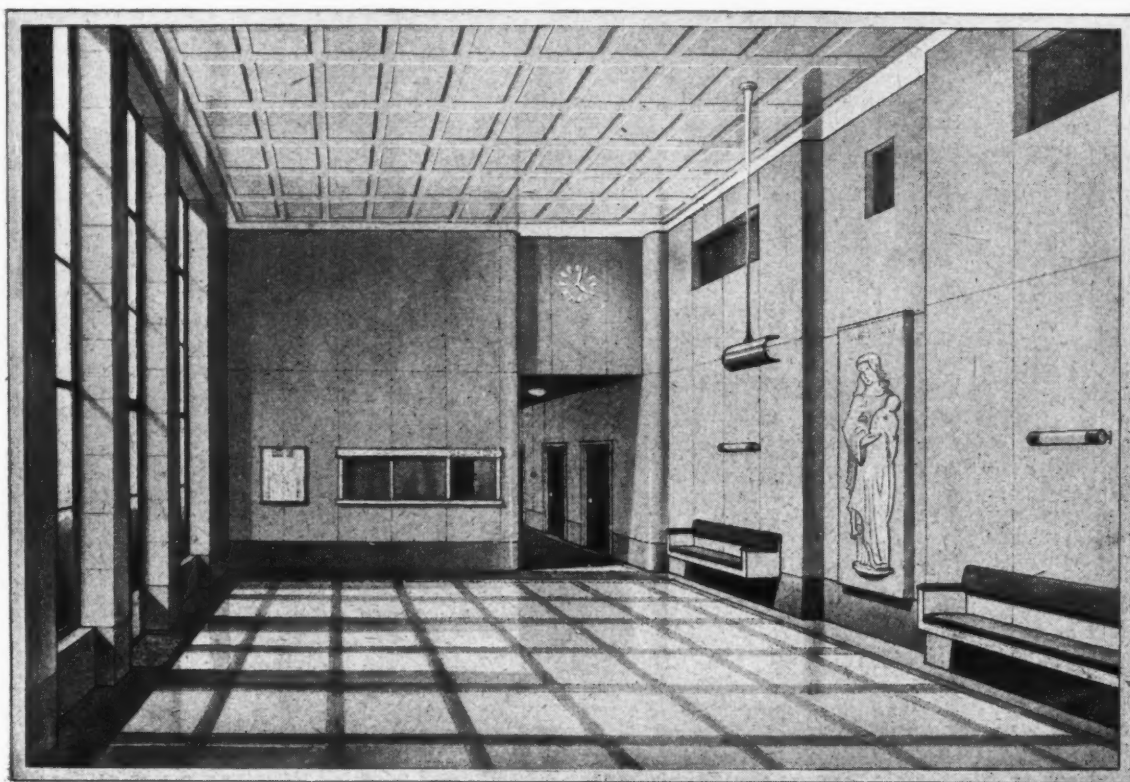
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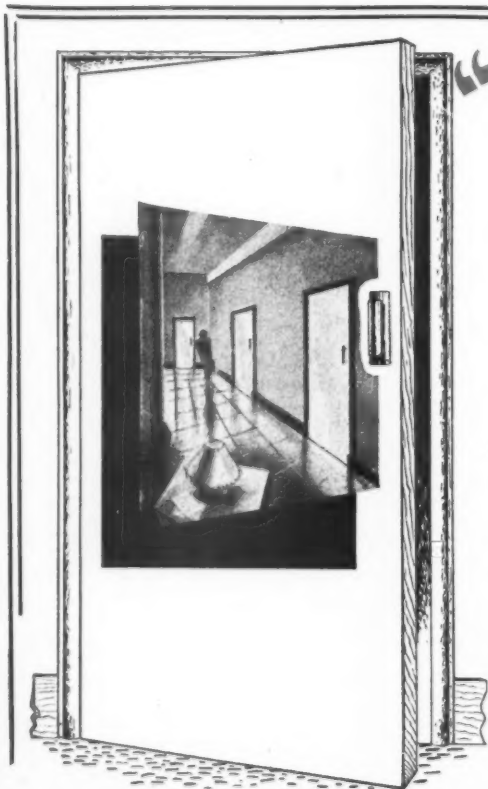
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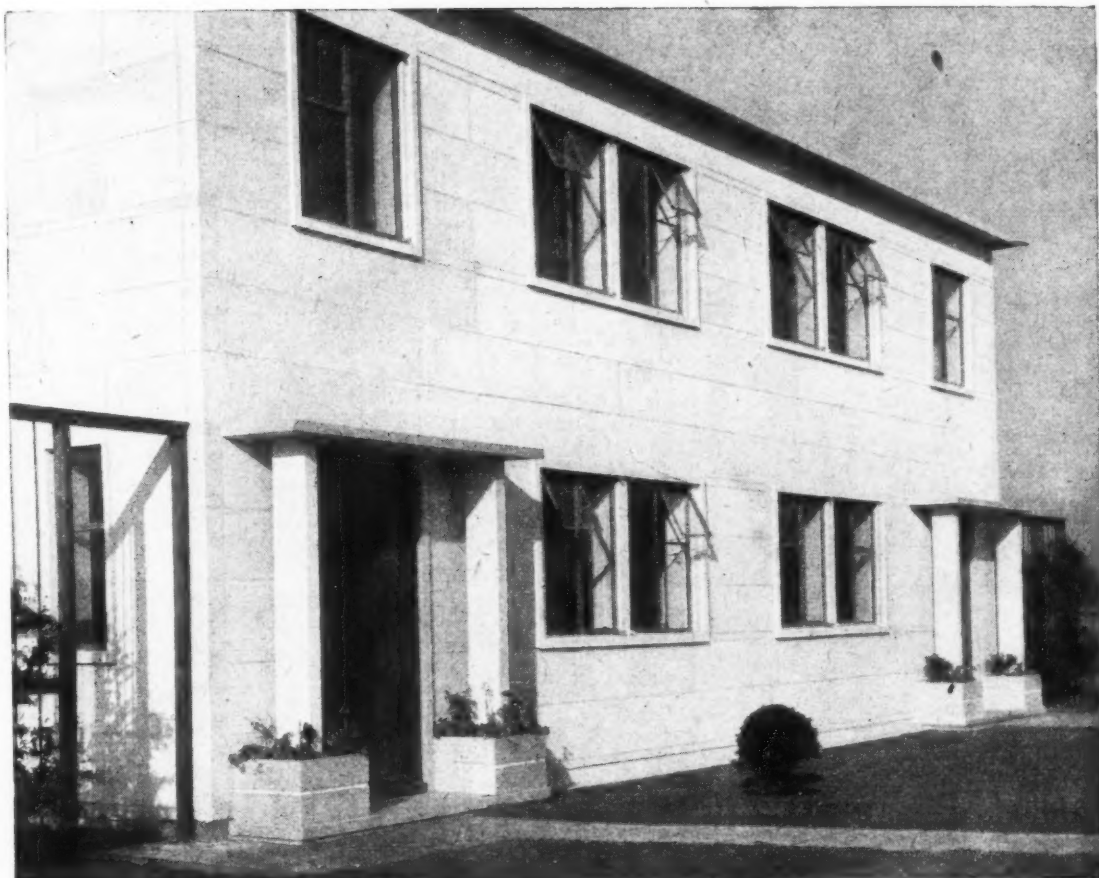
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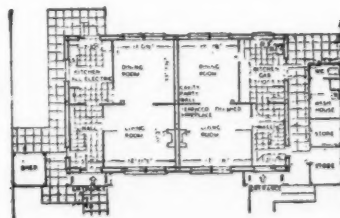
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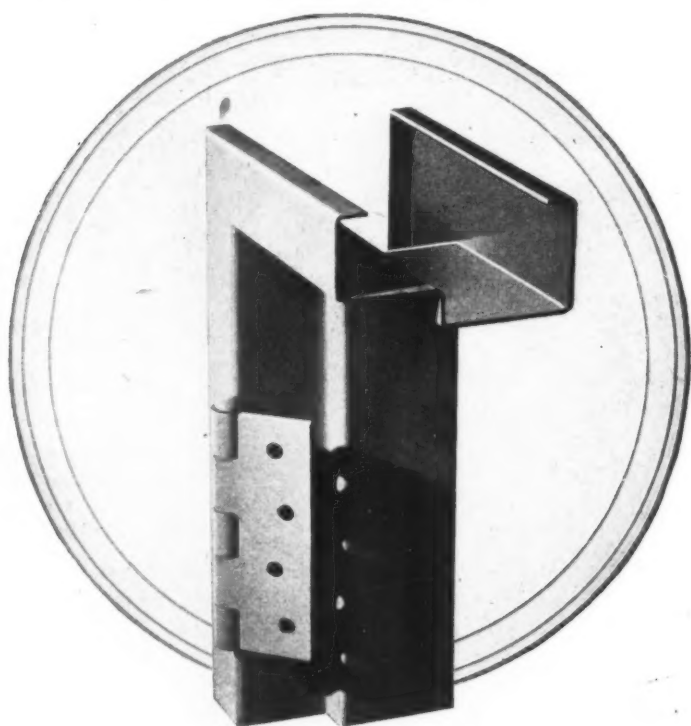
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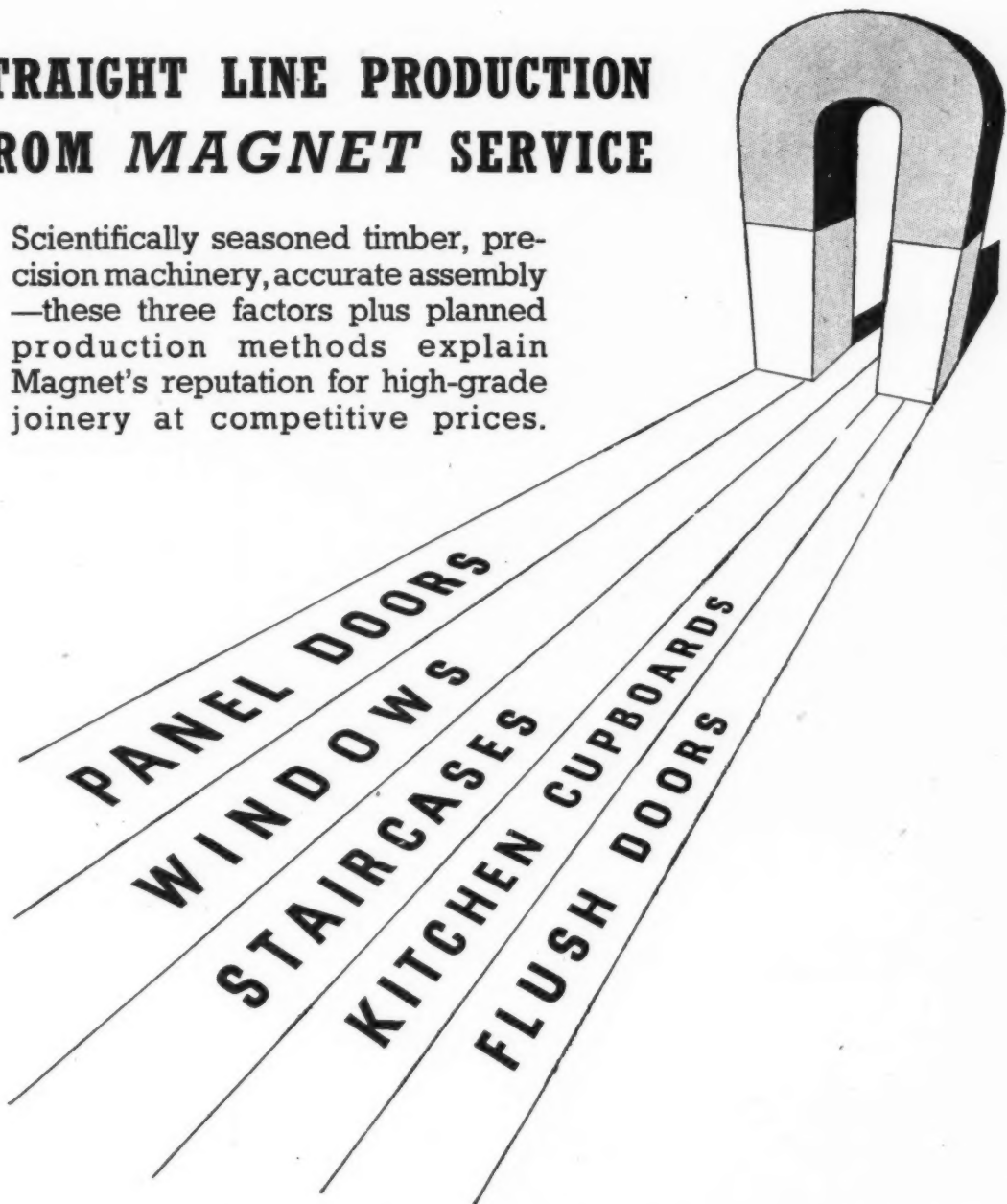
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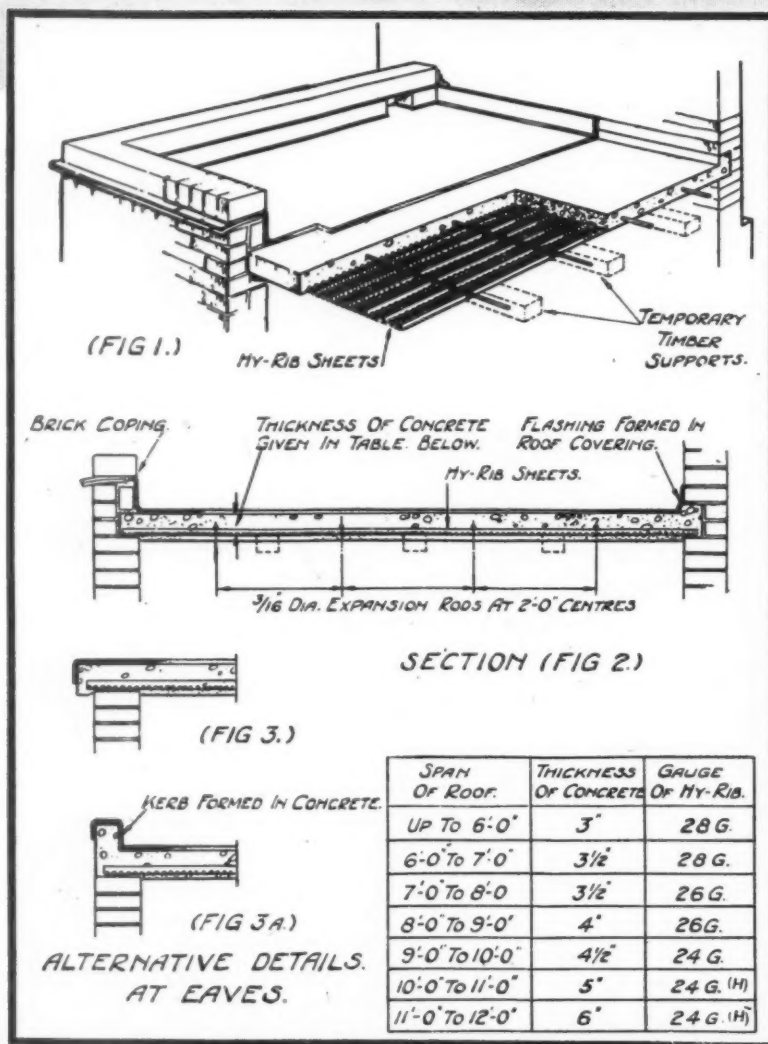
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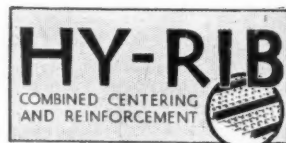
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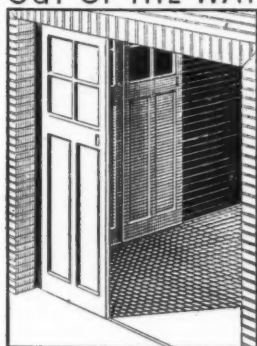


TO SWING OR NOT TO SWING



THAT IS THE QUESTION and when it comes to planning doors it needs extra careful thought—because there are few things more precious than space when you are working in confined quarters. A door that's hinged is a door that needs a lot of room; but with a sliding door it's different. If it's fitted with King Door Gear a touch of the hand takes it out of the way, gliding easily and quickly to nestle snugly against the wall, completely and unobtrusively out of the way.

OUT OF THE WAY



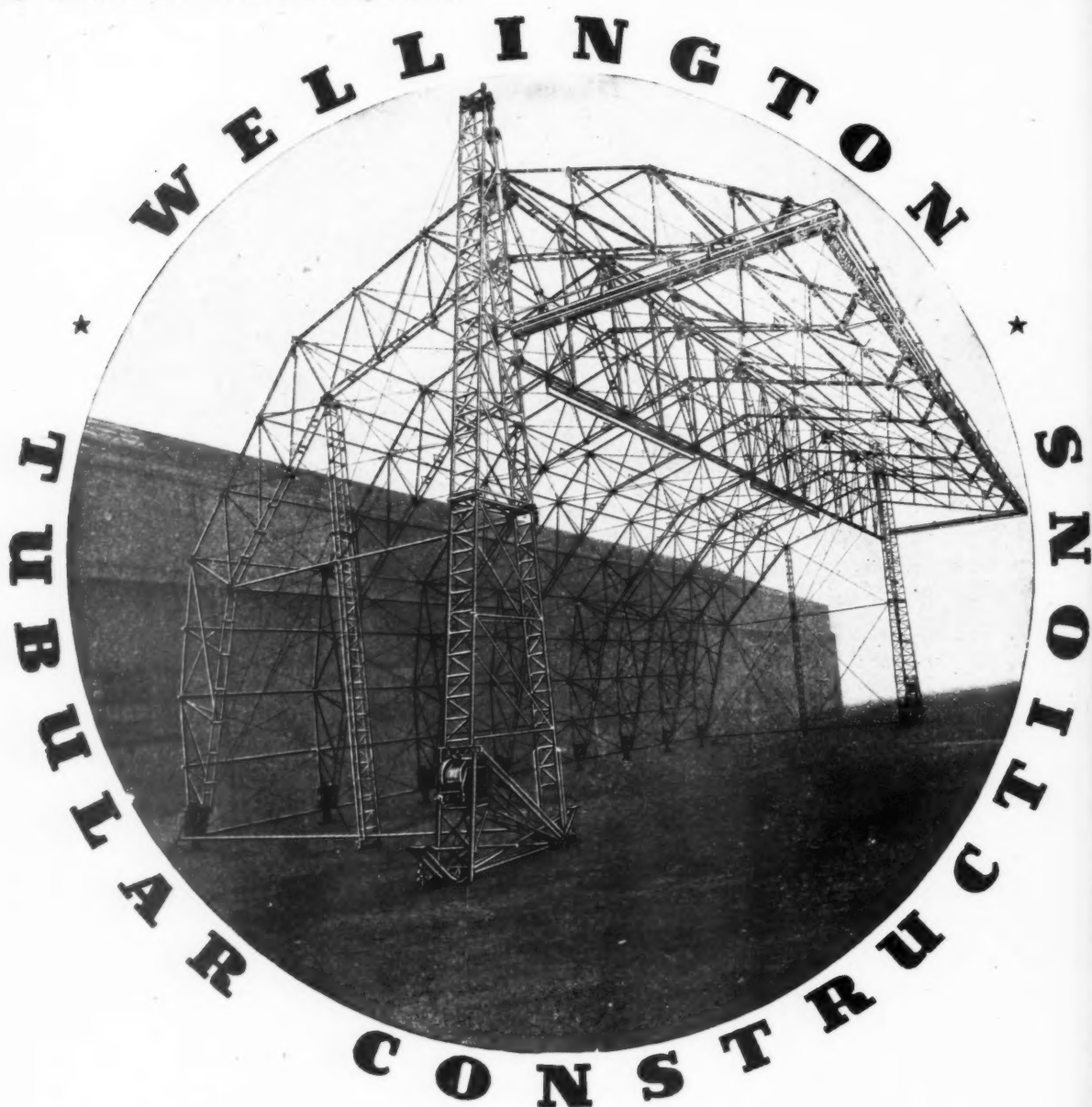
It is true to say that in post-war building every inch of space will be of the utmost value; take advantage of every scrap of it—when you can, and how you can. This is where King Door Gear comes in—or to be more precise slides along. Doors that slide mean doorways that allow free passage all around them.

For ante rooms, cloak rooms, garages, lifts, etc., and places where space is limited or traffic congestion is likely to occur, sliding doors are the perfect application.

As specialists for over a quarter of a century we claim to satisfy the most exacting requirements for any type of sliding door gear. Write for fully illustrated booklet.

KING SLIDING DOOR GEAR

GEO. W. KING LTD HITCHIN • HERTS
TELEPHONE HITCHIN 960 (10 LINES)



THE demand for speed, and then even greater speed, can be met by the greater use of tubes. Tubes are proved as ideal for a host of constructional requirements in ever increasing numbers such as Roof Trusses and other parts for Housing, Industrial and other purposes. The construction illustrated is 73ft. long by 41ft. wide, demountable and used with canvas covering. It was produced in Wellington Works from standard Tubes.

"Design in Steel Tube—an ideal structural member."

WELLINGTON
TUBE WORKS LTD.

including:

THE VICTORIA TUBE CO., LTD., & EDWARD SMITH LTD.

HEAD OFFICE AND WORKS : GREAT BRIDGE : TIPTON : STAFFORDSHIRE

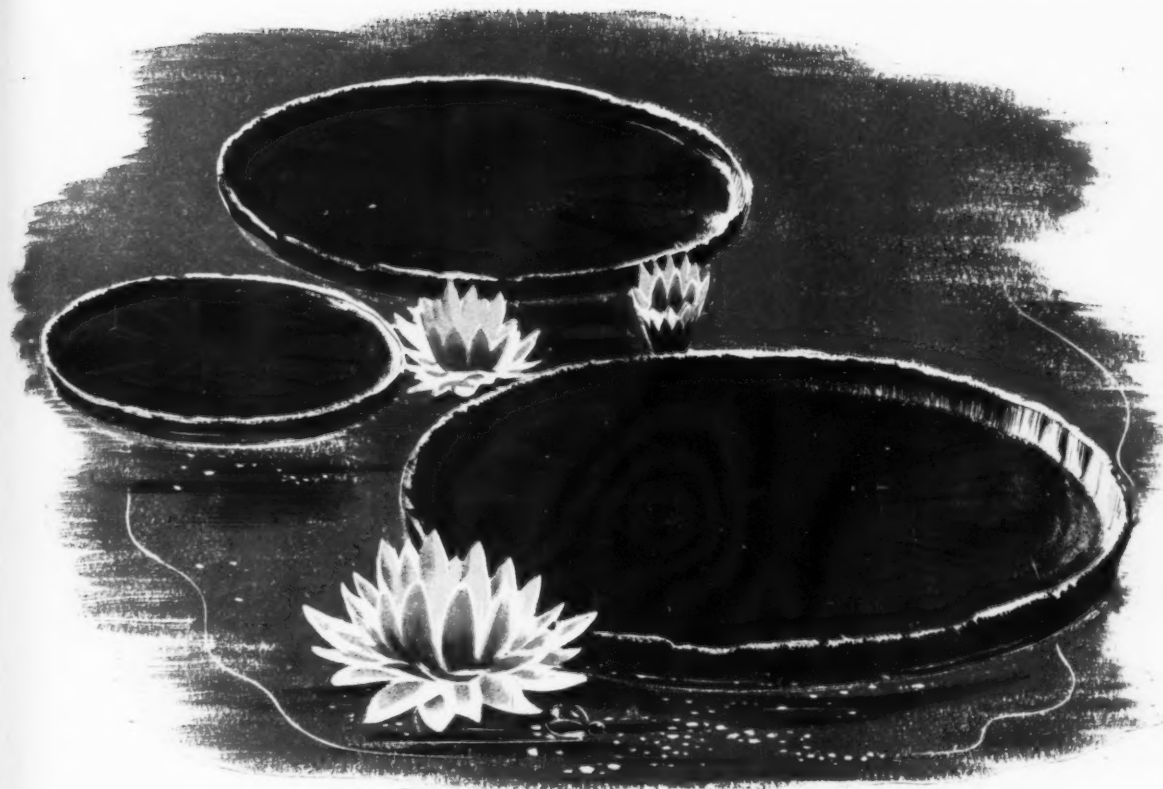
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HOT WATER PLANT

Victoria Regia. This giant water lily of South America often has leaves 7 feet in diameter with edges turned up about 2 inches, and covers miles on end of the backwater of the River Amazon. The fragrant flowers are about 1 foot in diameter and bloom for two nights only. In its tropical environment the plant lives, for some periods, in water at a temperature of 120° (Fahr.) and even more. The specimen in the hothouse at Kew is periodically refreshed by bathing its leaves with water at 110° (Fahr.)

■ Although this famous lily is not heated by POTTERTON, our many years experience as Gas Water Heating Specialists has provided almost every other type of hot water plant and central heating. Be it cottage or cathedral, flat or factory, they rely, with confidence, on

POTTERTON Gas Fired Boilers (from 20,000 to 1,250,000 B.Th.U. output).

Our Technical Advisory Service will gladly assist with all problems of design and installation for any size of plant.



Thomas POTTERTON (Heating Engineers) Ltd

A De La Rue COMPANY

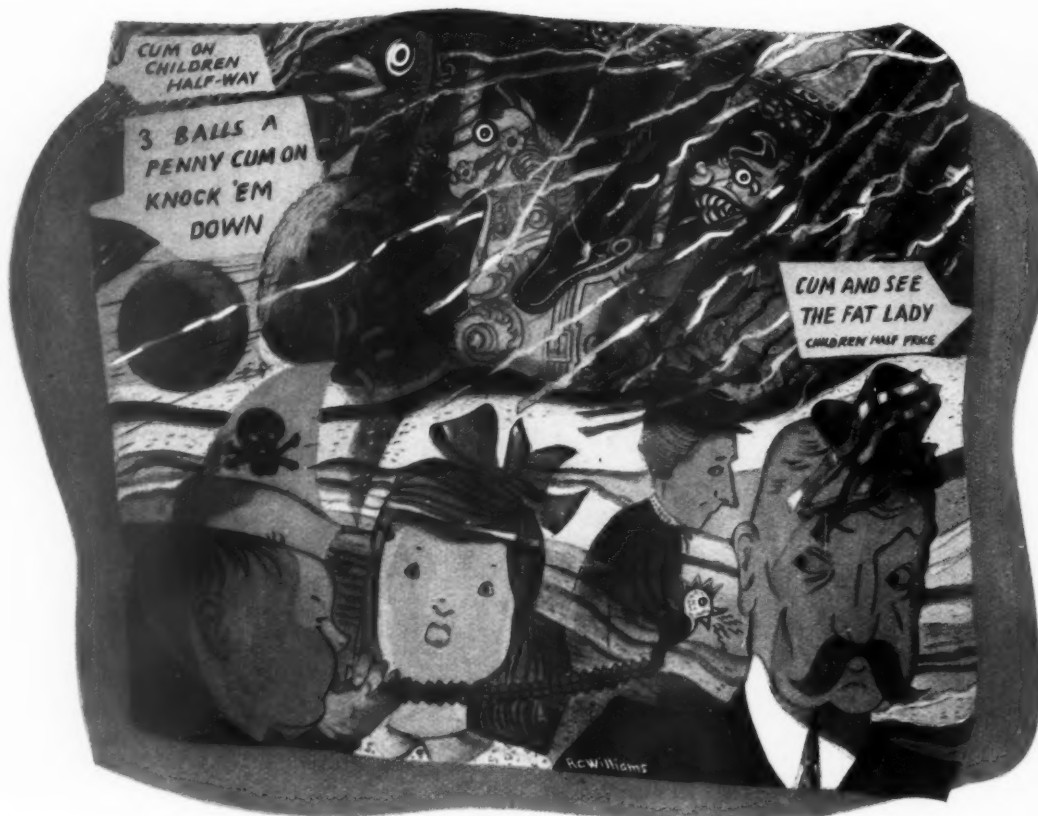
CAVENDISH WORKS, BUCKHOLD ROAD, WANDSWORTH, S.W.18

Telephone: PUTNEY 2263 (5 lines)

Telegrams: POTTERTON, PUT, LONDON

NORTHERN AREA. 4, Albert Square, MANCHESTER, 2. Tel.: Blackfriars 3258. Telegrams: Cenheat, Manchester

—“such stuff as dreams are made of”



Roll up, roll up . . . bearded ladies, fat ladies . . . raucous voices . . .
polished brass, striped paintwork . . . blaring steam organs . . . giddy
roundabouts, dizzy swings . . . coconut shies . . . gingerpop and rifle cracks.
How we loved to go to the Fair!

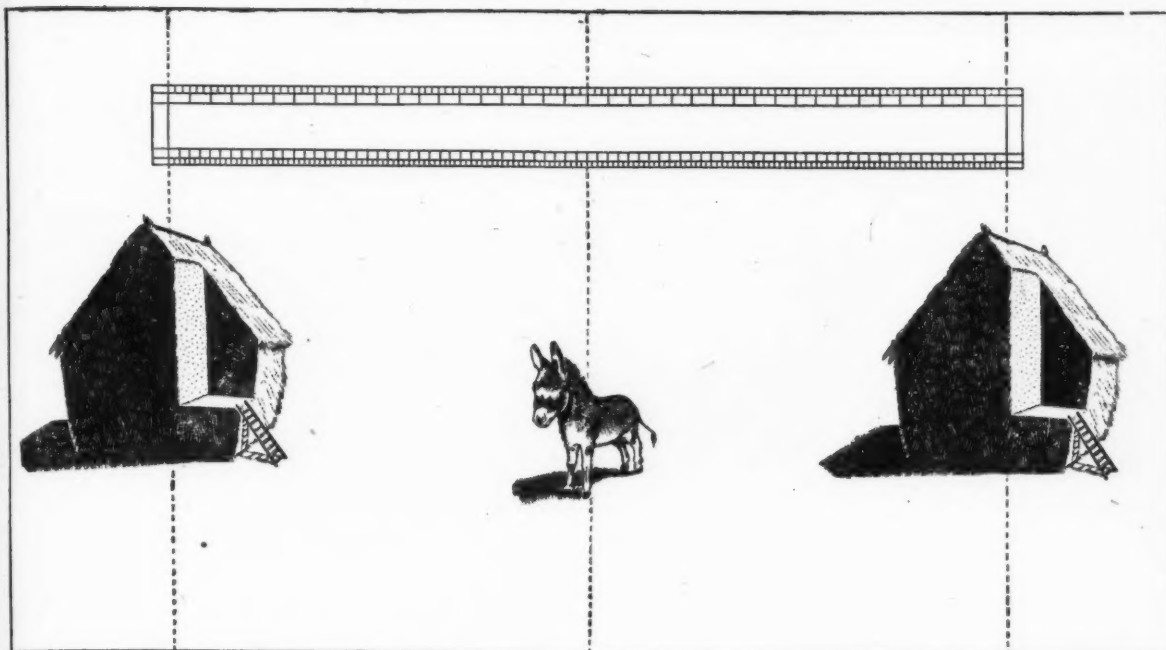


On reflection a little gaudy perhaps, but who would omit the fairground from memories of early days? Doubtless it will return for the benefit of future generations of wide-eyed children.

Other good things will come back. Aluminium, domestic standby and obvious choice for many industrial duties, was most severely conscripted for war. Its reappearance is being welcomed, for it is destined to fill new important roles. Light, strong, durable, non-rusting and attractive, Aluminium is the modern metal for modern processes. We KNOW Aluminium and have contributed a good share to the past development and present availability of the pure metal and alloys in many forms. Our Development and Technical Service Sections will co-operate, in the fullest sense, with anybody needing advice or information concerning the use of Aluminium in any form for any trade or industry.

Shape the Future with
BRITISH ALUMINIUM

Issued by THE BRITISH ALUMINIUM CO. LTD. SALISBURY HOUSE, LONDON WALL, LONDON, E.C.2



THE LOGICAL DONKEY

The logical donkey, finding himself equidistant between two hayricks, starved because he could find no reason to choose one rather than the other. Logic was not enough. A sense of visual appreciation would have shown him that the effect of sunlight, viewed from his standpoint, would have made one the more inviting!

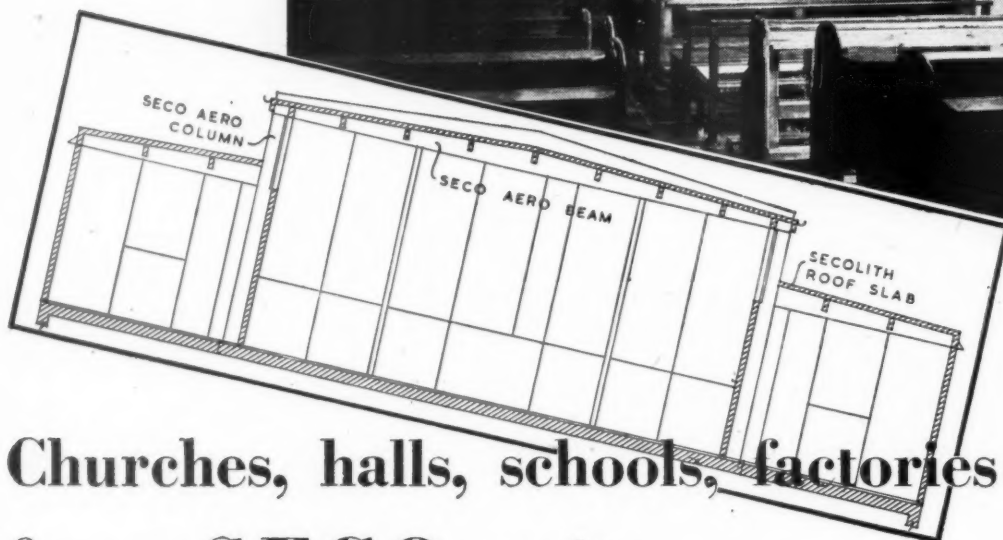
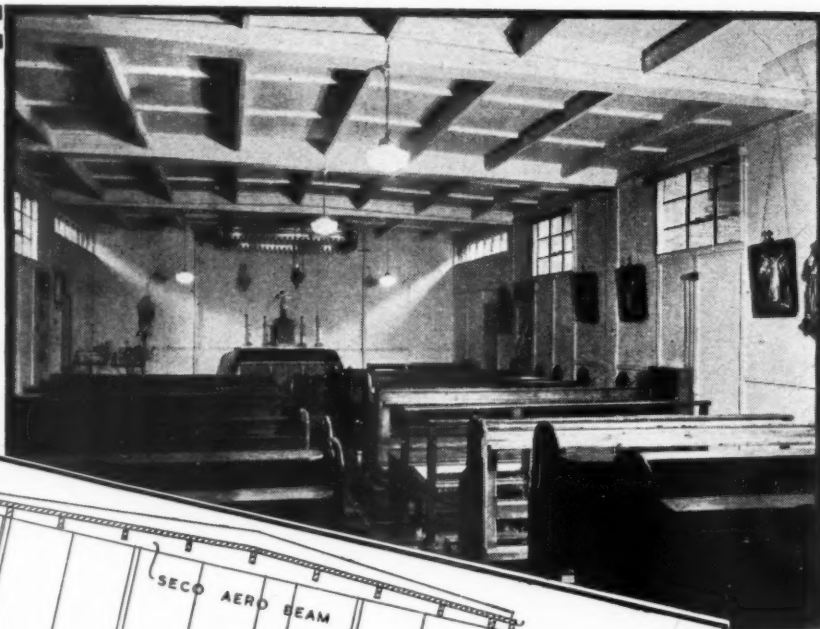
Present research into room heating raises many such problems of choice. Alternative methods, equal in efficiency, can be judged by standards other than the toss of a coin; great distinction in design is also necessary. Bratt Colbran products have this distinction as well as high efficiency in use.

BRATT COLBRAN LIMITED

10 MORTIMER STREET, LONDON, W.1

"PORTCULLIS" GAS FIRES • "HEAPED" COAL FIRES • "SOLECTRA" ELECTRIC RADIATORS

Church of the Holy Apostles,
Claverton Street, London,
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59' 6" by 24'. Extreme
width including transepts
43' 10". Height of main
building 11' 6", or one and
a half Seco units.



Churches, halls, schools, factories — from **SECO** units

The Seco System of dry unit construction for large buildings was developed during the war largely for the construction of special buildings and workshops for the R.A.F. Now, embodying many improvements in detail, it is recognised as a permanent and remarkably flexible method of building for industrial and institutional purposes. The panel on the right indicates the type of some of the enquiries and orders received during a recent period of two months.

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have been received for:—

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HOSPITALS
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CANTEENS
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Telephone Mayfair 9080

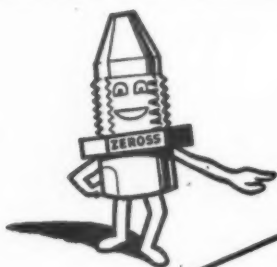


Oak—one of the many fine woods used by this Company
to produce work of which the Industry can be proud.

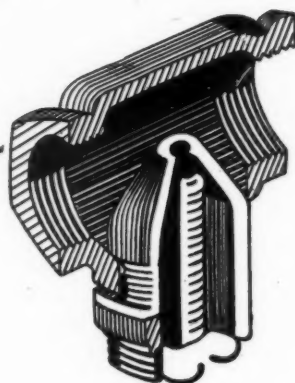
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Company Ltd**

MELTON MOWBRAY

Craftsmen in Domestic Joinery



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Here is a remarkably simple, yet 100% efficient device for the prevention of bursts in water installations due to freezing.

Zeross is a metal valve so designed that when ice begins to form in a water system, the resulting increased pressure set up thereby is relieved by the automatic operation of the valve, which discharges the total excess volume of water due to expansion.

The valve reseats itself immediately this pressure has been relieved and before the thaw has taken place.

Zeross has undergone the most severe and rigid tests and may be specified with complete confidence.

Zeross technicians will gladly give advice and assistance on all your freezing problems.



A CERTAIN AND AUTOMATIC SAFEGUARD AGAINST BURST PIPES DUE TO FROST.

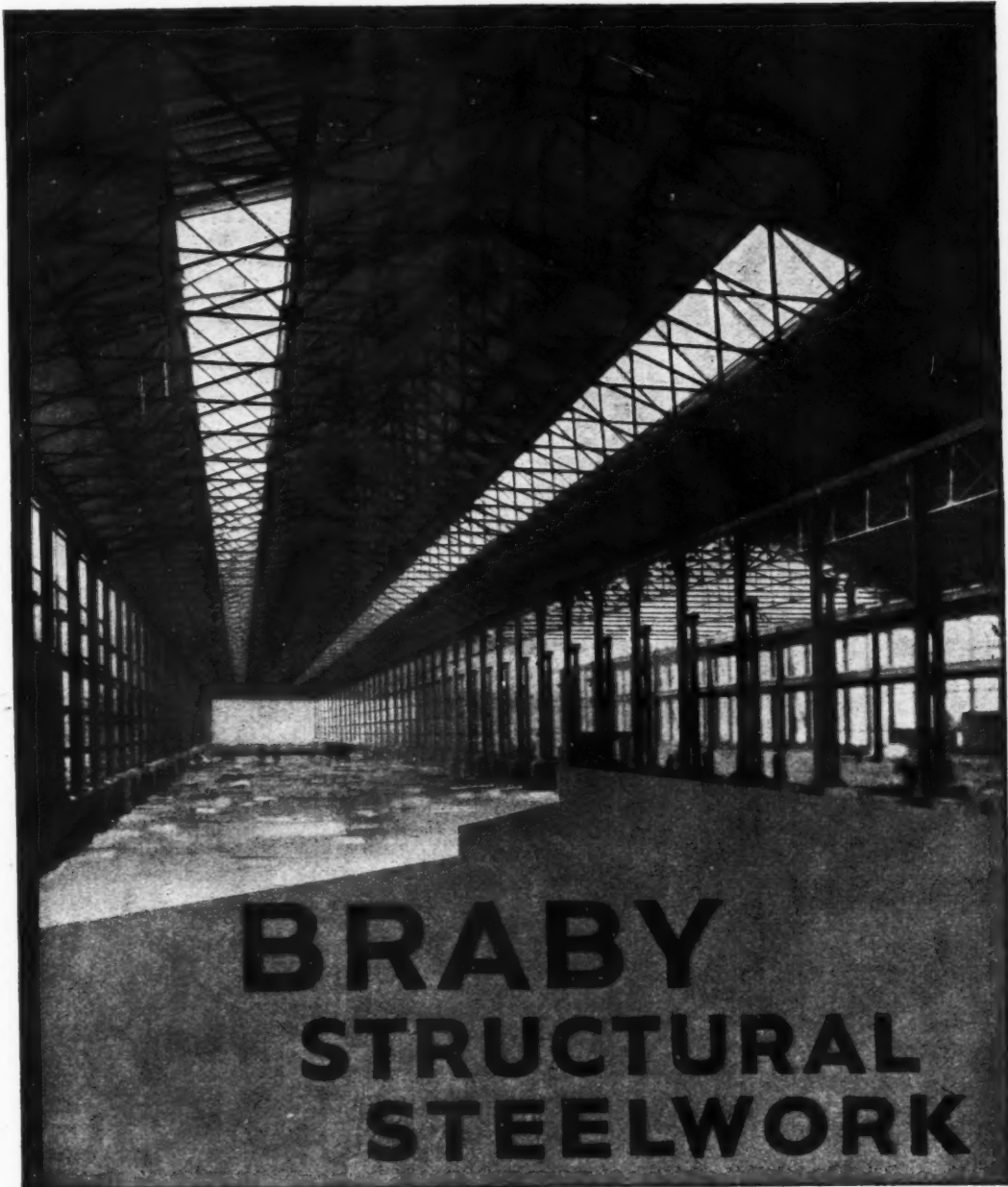
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CANNOT CORRODE. NO ESSENTIAL PARTS IN CONTACT WITH WATER.

SUPPLIED WITH ESSENTIAL CHAMBERED TEES AND MADE IN A RANGE OF TYPES AND SIZES TO SUIT ALL DOMESTIC AND INDUSTRIAL WATER INSTALLATIONS.

CAN BE FITTED INTO IRON, LEAD OR COPPER SYSTEMS WITH EQUAL EASE AND EFFICIENCY.

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ASBESTOS-CEMENT

THE BUILDING MATERIAL THAT FOUGHT THE WAR



ON THE WATER-FRONT

Asbestos-cement pressure pipes were used extensively in the North African campaign for the conveyance of water without which no army could exist. Many of the Naval installations, Army camps, Air Force stations, Ordnance factories and depots were provided with water carried by mains of Asbestos-cement pressure pipes. The mains for water supplies for fire-fighting were in many instances laid with Asbestos-cement pressure pipes, and Asbestos-cement tanks in large quantities were supplied for static water points both inside and outside buildings. Delicate electrical instruments were housed in Asbestos-cement pressure pipes underground, for, being non-magnetic, they protected the instruments from interference by metal. The war is now over but Asbestos-cement pipes are still being used extensively by Bomb Disposal units for the locating and removal of unexploded bombs which still exist in considerable numbers.



TURNERS ASBESTOS CEMENT CO. LTD.
TRAFFORD PARK • MANCHESTER 17



Invisible Panel Warming Association

In the many new buildings which will be required in this country and on the continent after the war, Invisible Panel Warming will inevitably play an important role. The inherent success of this all British invention is the result of the low temperature employed in establishing the final comfort conditions. It affords many advantages and these may be broadly classified as follows:—

1. It is healthy. 2. It is economic. 3. It is invisible.

These advantages have been proved in over one thousand important buildings throughout the country.

For technical and further particulars apply to any of the following:—

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CRITTALL, RICHARD & COMPANY, LTD., 156, Gt. Portland Street, London, W.1.	NORRIS WARMING CO. LIMITED, Burley House, Theobalds Road, London, W.C.1.	YOUNG, AUSTEN & YOUNG, LTD., 19, Buckingham Street, Strand, London, W.C.2.

or to the Secretaries, Invisible Panel Warming Association, Pinners Hall,
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INVISIBLE PANEL WARMING ASSOCIATION
formed to promote and to exchange and codify technical information

Specification
- for -
Heating
- at -
VICTORY ROAD SCHOOL.

ARCHITECTS

The Satchwell Compensator 4 proportions the output from the heating system in accordance with the heat loss from the building. It ensures that the output is never less or more than is required for comfort.

THE RHEOSTATIC COMPANY LIMITED
SLOUGH **BUCKS**
Telephone: SLOUGH.23311/6. Telegrams: RESISTANCE.SLOUGH.

Help for Employers seeking men for Executive Jobs

AFTER the 1914-18 war, great resources of talent and ability were lost to business and industry. There was no national machinery then for singling out, from among the returning Servicemen, those of exceptional promise.

Now, as then, qualified and experienced men and women with the capacity for responsible posts are coming rapidly out of the Forces and out of war industry, or are becoming available from other civilian employment. And great numbers of younger men, too — men with little or no experience in business or industry, but with qualities of resource and leadership matured by war — are returning to civil life.

But this time the Government is putting at the disposal of employers a free, nation-wide appointments service whose function is to provide a field of candidates from which employers can recruit their executive, managerial, or administrative staffs.

MATCHING MEN AND JOBS

Thirteen Regional Appointments Offices are interviewing, registering, and classifying all of these men who come to them. Those who are without previous experience in their

chosen field are assessed by modern, tested methods of "screening," to discover special aptitudes and potentialities.

Thus, the best men available for a given job are selected. The employer can draw upon the whole country for the type of man he is seeking, without wasting time in fruitless interviews; suitable candidates *only* are submitted for his selection.

The Appointments Offices do NOT exist to find jobs for all who apply to them, regardless of ability; their task is to see that able men and women are put forward for responsible jobs, and to offer business and industry the choice of the best talent available. (They do not deal with jobs which are normally notified to the Employment Exchanges.)

The Appointments Department have successfully filled more than 27,000 responsible posts since VE-day.

Whatever your needs may be for experienced or potential executives, you would be well advised to get in touch with your Regional Appointments Office.

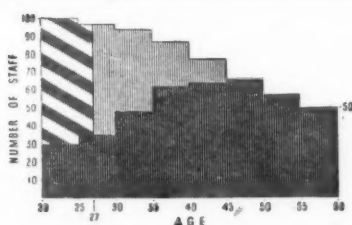
It is likely that the man you are seeking is on the register of one of the Appointments Offices — or will be as soon as his release group is reached. If he is not, the Appointments Offices will help you find him.

ASSISTANCE IN TRAINING

Even if your needs are not immediate, you will want to enquire about the training schemes by which promising candidates are being assisted to complete their professional or technical education, or to take a business training course.

Write, telephone, or call. The Regional Appointments Offices are in the following towns:

LONDON: 1-6 Tavistock Square, W.C.2
CAMBRIDGE: 5 Salisbury Villas, Station Road
READING: 23 Valpy Street
BRISTOL: Lyndale Hotel, Berkeley Square
BIRMINGHAM: 239 Broad Street
NOTTINGHAM: Commerce Chambers,
Upper Parliament Street
LEEDS: Greek Street Chambers, Greek Street
MANCHESTER: Commercial Chambers,
47 Corporation Street
LIVERPOOL: Cotton Exchange, Bixteth Street
NEWCASTLE-ON-TYNE: 153 Barras Bridge
EDINBURGH: 5 Rothesay Terrace
GLASGOW: 450 Sauchiehall Street
Cardiff: 8 Cathedral Road



THE SEVEN-YEAR GAP. Employers trying to make up for the lost years, when they could not recruit promising young men to train for executive jobs, are finding the Appointments Offices a valuable source of "material."

The above chart represents the staff structure of a typical engineering firm. In grey: men called away. In black: the war-time staff, reserved or unfit. In stripes: the 20-27 age gap now left, even after reinstatement of pre-war employees.

Unfilled, this gap will mean a dangerous staff shortage, in ten years' time, of the 30-37's: in twenty years' time, of the 40-47's. It can be filled only by men between 20 and 27 returning to civil life. Most of those of executive calibre are applying, on release, to the Appointments Offices. That is where employers are finding the talent they want.

TRUE FLUE the *SPEEDILY ERECTED* flue

The TRUE-FLUE patented method of constructing domestic flues of correct design with the minimum of labour.

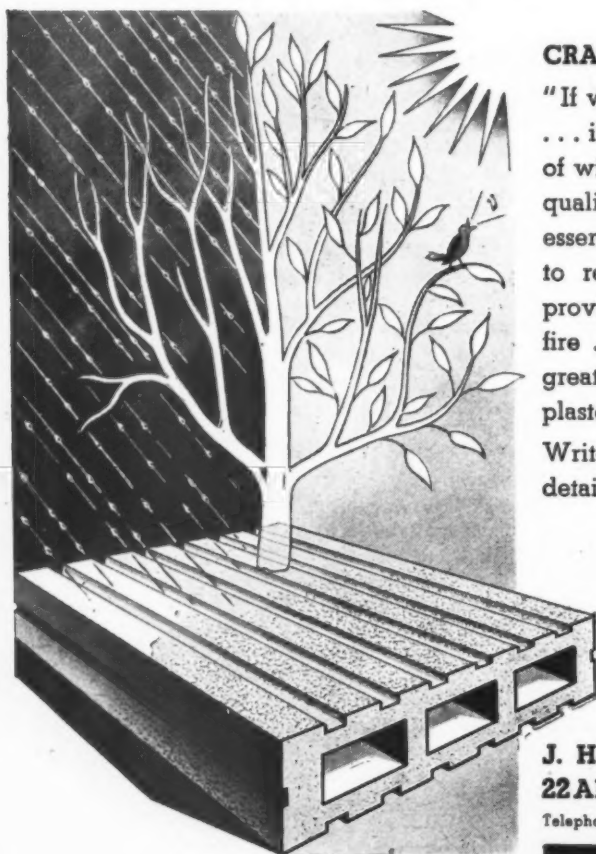
The chimney breasts may be constructed with original form of concrete block which can be speedily erected independently of the remainder of the building structure; alternatively our system may be incorporated in the usual brick construction.

The Lintel and "gather-over" immediately above the fireplace are designed as one streamlined unit which eliminates the usual reinforced lintel or arch and ensures a trouble-free flue. This unit can be used with obvious advantages with any type of construction.

For full details write for our descriptive booklet.



TRUE FLUE Ltd. CARLISLE HOUSE, 8 SOUTHAMPTON ROW, LONDON, W.C.1. Phone: CHANCERY 8133



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CRANHAM BLOCKS

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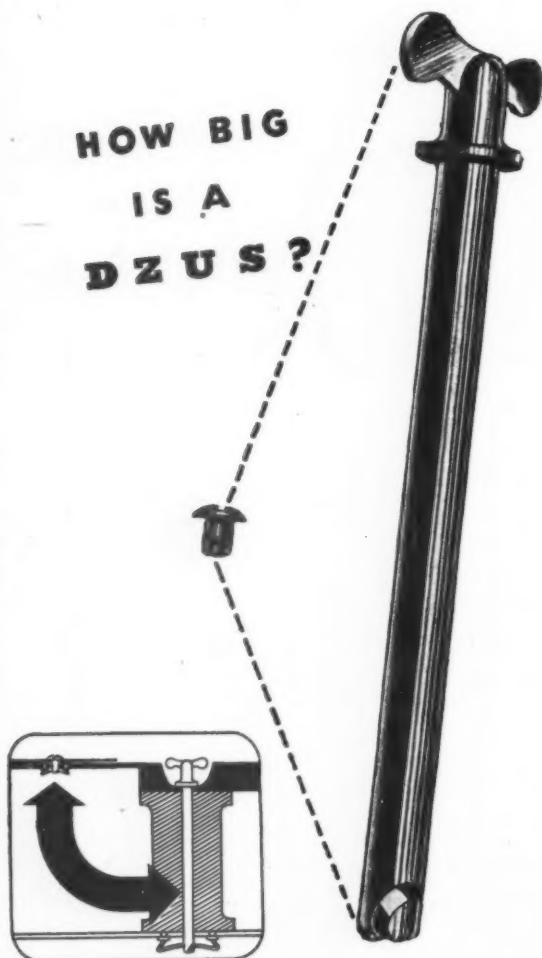
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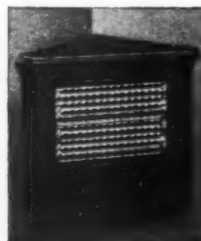
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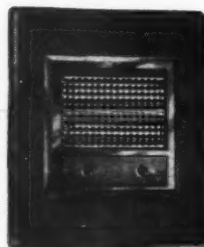
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New Corner Fireplace



Wall Panel Fire

The two fires illustrated are styled to modern tastes; they combine radiant and convected heat in a scientifically balanced output.

'Belling' Electric Domestic Cooking Equipment is, of course, famous for its high efficiency.

Although our present production is largely absorbed by urgent Government orders for Housing requirements, all enquiries will receive our keen and enthusiastic co-operation.

You can't beat a

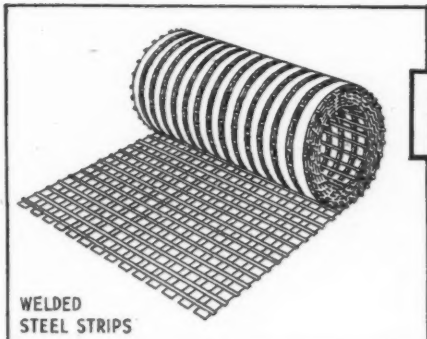
Belling

Belling & Co., Ltd., Bridge Works, Enfield, Middlesex.
Telephone: Howard 1212

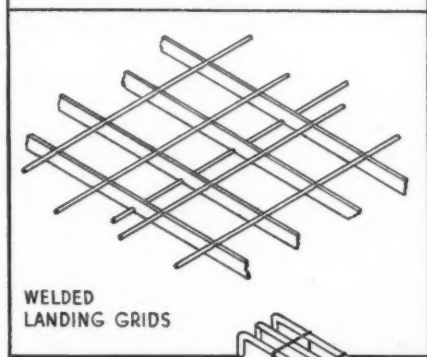
*Well held
by the Ferrocon Weld*

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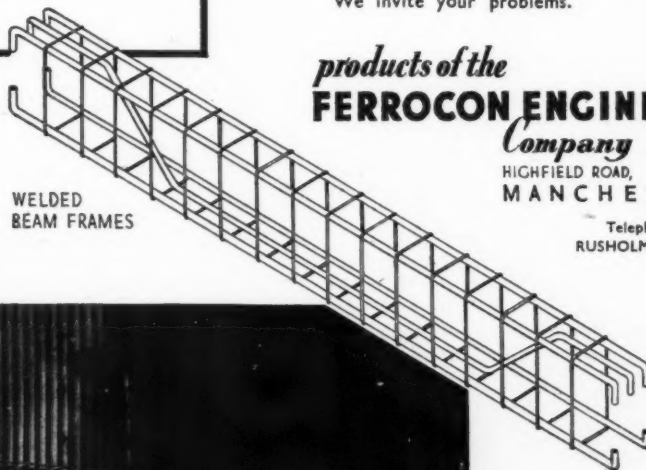
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WELDED
BEAM FRAMES

We produce all standard fabrics in accordance with B.S.S. 1221. Part "A," of which the roll illustrated at the foot is a sample. We also produce Specials in welded frames, of which we illustrate three.

Ferrocon Welds are Electric Welds. In all straight-forward jobs this is Resistance Welding. Where Arc Welding is preferable we of course undertake this.

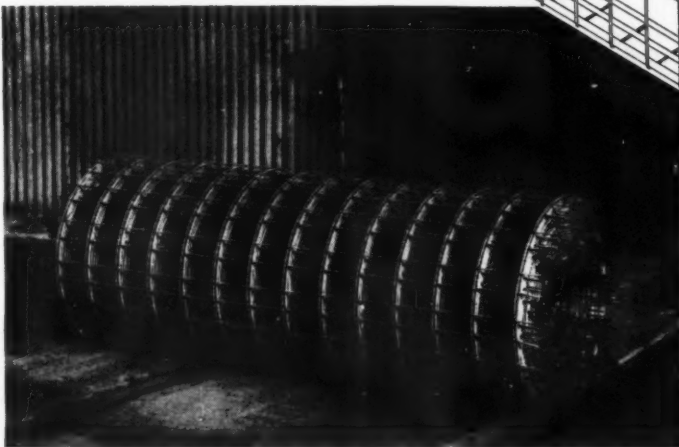
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*can save you pounds
 in Timber. Time and
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'BULLDOG'
 TIMBER CONNECTORS
 ARE SIMPLE TO
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1 While the members are held temporarily in place by nails, a bolt hole is bored through the assembly.

2 The members are lifted apart and the toothed connectors are placed between the adjacent faces of the members to be connected.

3 The members are then drawn together by means of the bolt until the projecting teeth of the metal plates are completely embedded in each contacting timber surface.

The 'Bulldog' timber connector consists of a metal plate with the edges turned off at right angles to form sharp triangular teeth projecting evenly from both sides of the plate.

In use, these connectors are embedded firmly between the lapped members, thus greatly increasing the small bearing area provided by a bolt alone, and enabling the stresses to be distributed over practically the entire cross section of the Timbers involved.

'Bulldog' connectors put timber construction on a sound engineering basis and the consequent increase in efficiency results in an amazing saving of timber, time and material.

Full details and technical advice are available to everyone interested.



'Bulldog' Timber connectors are also made with teeth on one side only for timber to steel joints, or for portable and demountable timber buildings.

"BULLDOG"
 TIMBER CONNECTORS

W. F. HOLLWAY & BROTHER, LIMITED,
 42, GRAFTON STREET, LIVERPOOL. 8.

keeps heat where you want it



The object of this domestic cylinder jacket is to ensure that the maximum amount of heated water is always available and that this hot water is as hot as circumstances permit. The VERSIL Glass Silk jacket justifies its small cost on this count alone. In addition you save fuel* and money because the water gets hot very much more quickly and stays hot.

Made to fit all standard size cylinders. Can be supplied in many colours. Dust proof finish. Prices on application

* In the case of electric immersion heaters a considerable amount of electricity is saved by good insulation.

VERSIL
 glass silk insulation

VERSIL LIMITED, RAYNER MILLS, LIVERSEDGE, YORKSHIRE

REYNOLDS *present* "CHANGEVER"

For the erection of New Theatres and Cinemas, the fact remains that Timber, Steel and other materials are in short supply.

BUT—REYNOLDS "HIDUMINIUM"
(Light Alloy) Materials are plentiful and can be used with distinct advantage.

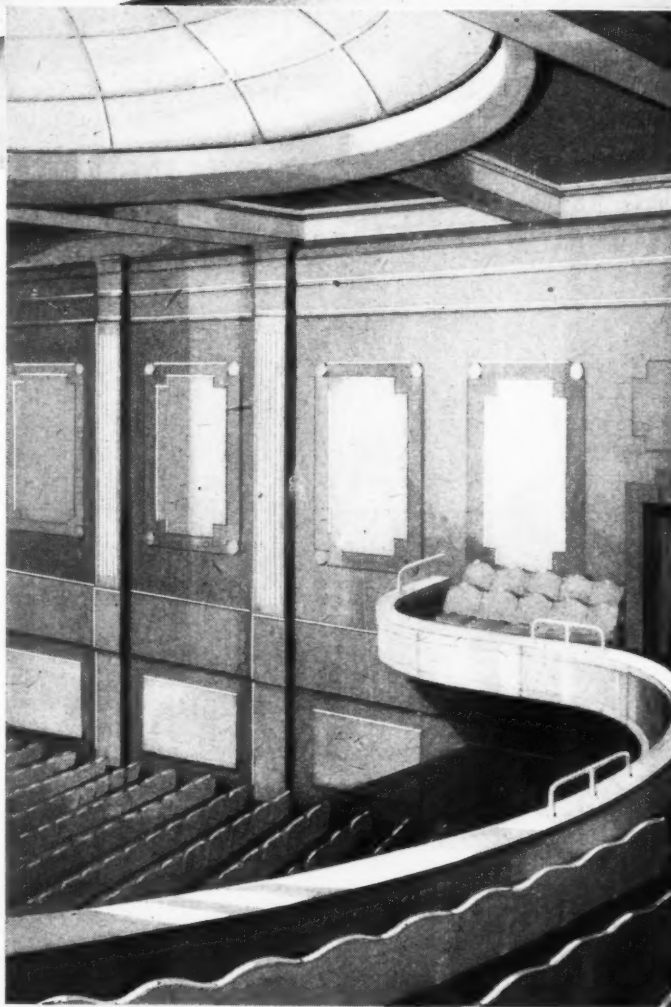
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Permanent finish—thus reducing cleaning and polishing to a minimum.

Supplied in widest variety of anodic finishes for colourful harmony.

Architects are asked to write for latest Technical data, and, if desired, specimens of some of the many anodic hues available.



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SHEET AND STRIP IN
"HIDUMINIUM"
ALUMINIUM ALLOYS

REYNOLDS



REYNOLDS TUBE CO. LTD. (Light Alloy Division)
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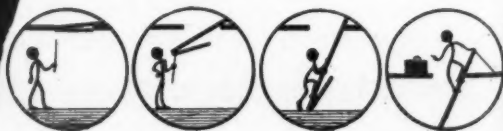
Our information sheets No. 199 and 201 show in detail how this space may be made available, both in new work and conversions.

Write for full particulars of construction, balancing units, finish, erection and prices of the various types.

LOFT LADDERS LTD

BROADWAY WORKS · BROMLEY · KENT

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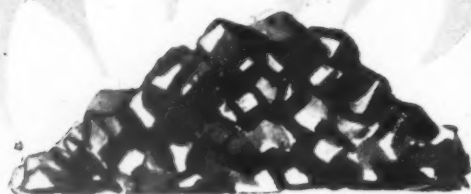
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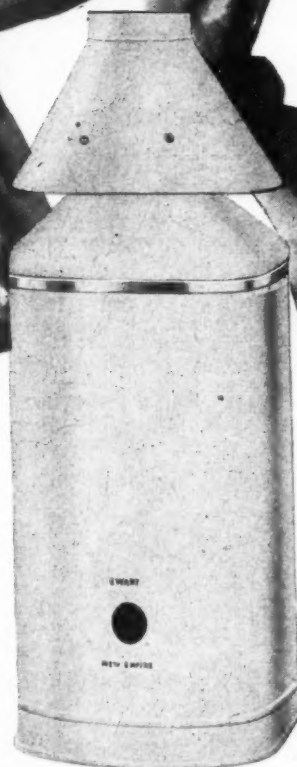


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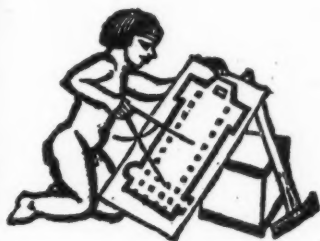
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In common with every other periodical this JOURNAL is rationed to a small part of its pre-war needs of paper. Thus a balance has to be struck between circulation and number of pages. We regret that unless a reader is a subscriber we cannot guarantee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

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DIARY FOR MAY JUNE AND JULY

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

BIRKENHEAD. *Birkenhead Plan*, by Sir Charles Reilly and N. S. Aslan. Exhibition at Williamson Art Gallery. (Sponsor, Birkenhead Corporation.) 10 a.m. to 6 p.m. MAY 30-31

BLACKPOOL. *Health Congress*. To be opened by Lord Woolton. Sections of the Congress include *Engineering and Architecture*, presided over by Sir Reginald Stradling, and *Housing and Town Planning*, presided over by Norman H. Walls. (Sponsor, RSL.) JUNE 3-7

BRIGHTON. *Building Societies Association Conference*. Chairman, R. Bruce Wycherley. Sir John Anderson, M.P., will speak on Inflation at the conference, and Oliver Stanley, M.P., will be the chief speaker at the annual dinner. (Sponsor, BSA.) MAY 30-31

LONDON. *Paintings by Mervyn Peake*. Drawings by Sigmund Pollitzer and Small Paintings by Lyons Wilson. Exhibition at Redfern Gallery. 20, Cork Street, Burlington Gardens, W.1. (Sponsor, Redfern Gallery.) MAY 30-JUNE 8

Monsieur Tony Socard, Director of Town and Country Planning in Algeria. *Town Planning in Algeria*. At the RIBA, 66, Portland Place, W.1. (Sponsor, RIBA.) 6 p.m. MAY 30

Dr. David Mace. *Environment and Marriage Guidance*. At the Town and Country Planning Association, 28, King Street, Covent Garden, W.C.2. Buffet lunch, 12.45 p.m. Talk and discussion, 1.15 p.m.-2.15 p.m. (Sponsor, TCPA.) MAY 30

Federation of Master Builders, London Region. Luncheon meeting preceding half-yearly meeting. At the Connaught Rooms, Great Queen Street, W.C.2. Guest of honour, Rt. Hon. Aneurin Bevan, M.P., Minister of Health. 12.45 for 1 p.m. (Sponsor, London Region FMB.) MAY 30

London Master Builders' Association Luncheon. At the Savoy Hotel. Chairman, E. W. Garrett, President of the Association. Guests of Honour, the Lord Mayor and Lady Mayoress of London. (Sponsor, LMBA.) JUNE 3

Dr. W. Swift. *Viewing the Print and the Subject*. Fifth lecture on *How It Works in Photography*. At 16, Princes Gate, S.W.7. (Sponsor, Royal Photographic Society Scientific and Technical Group.) 6 p.m. JUNE 4

Dr. Mary Woodall. *Gainsborough*. At the Courtauld Institute of Art, 20, Portman Square, W.1. (Sponsor, CIA.) 5.30 p.m. JUNE 4

Plan for Knutsford. Exhibition. At the RIBA, 66, Portland Place, W.1. Sir Percy Thomas, President, RIBA, will open the exhibition, which is being arranged by the *News Chronicle*. Admission free, 1 to 6 p.m. on June 4, and daily thereafter from 10 a.m. to 6 p.m. until July 5, Sundays and June 8 to 10 excepted. (Sponsor, *News Chronicle*.) JUNE 4-JULY 5

Work of the students of the Regent Street Polytechnic School of Architecture. At the RIBA, 66, Portland Place, W.1. JUNE 4-15

ASB Study Group No. 1. *Sociology and Architecture*. Architectural Science Board lecture at the RIBA, 66, Portland Place, W.1. A. General. Sociological Studies and Architecture. B. Evolution. 1. Social Trends. 2. Flexibility in Building and Planning. 3. Time-lag in Public Taste. 4. "Existence Minimum" Standards. C. Community Problems. 1. Transport and Density. 2. "Neighbourhood Unit." D. Practical. Some Administrative Problems. (Sponsor, ASB.) 5.45 p.m. JUNE 5

Chemical Research Exhibition. At the Tea Centre, Lower Regent Street, S.W.1. (Sponsor, Imperial Chemical Industries.) JUNE 5-28

W. A. Thorpe. *The Idea of Furniture*. At the International Arts Centre, 3, Orme Square, Bayswater Road, W.2. (Sponsor, IAC.) 8 p.m. JUNE 11

London Master Builders' Association. Central Area No. 1. Meeting at Derry & Toms Restaurant, Kensington High Street, W.8. Chairman, C. E. B. Head. Guest of honour, Sir Harold Webbe, C.B.E., M.P. (Sponsor, LMBA Central Area No. 1.) 2.30 p.m. JUNE 12

Town and Country Planning Association. River Trip to View the Proposed Development in the Areas under the County of London Plan. By Marchioness from Westminster Pier. Times and full details from the Conference Secretary, 28, King Street, Covent Garden, W.C.2. Officials familiar with the many aspects of the Thames Development will be present. (Sponsor, TCPA.) JUNE 22

Presentation of Howard Memorial Medal to Professor Lewis Mumford. At a luncheon at the Connaught Rooms, Great Queen Street, W.C.1. (Sponsor, TCPA.) Luncheon 17s. 6d. 12.30 p.m. for 1 p.m. JUNE 27

SUDBURY. *Conference and Exhibition on the Sudbury and District Planning Association's Survey and Plan*. At the Town Hall, Sudbury, Suffolk. Speakers: L. F. Easterbrook, R. L. Reiss, Chairman: Donald McCullough. (Sponsor, TCPA.) JUNE 28

NEWS

THURSDAY, May 30, 1946
No. 2679 Vol. 103

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

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

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

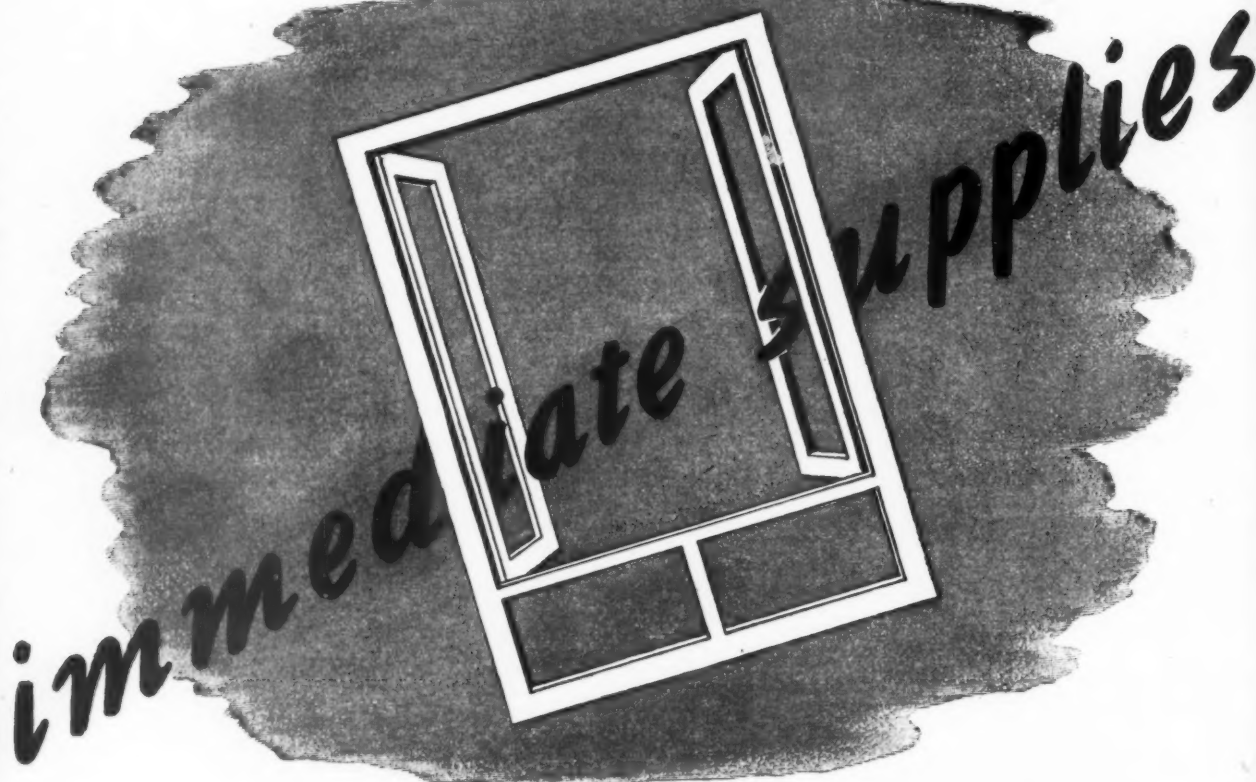
Any feature marked with more than two stars is very big building news indeed.

★
In a programme of schemes to be submitted to the Ministry of Health the Middlesex County Council proposes TO BUILD NINE LARGE NEW HOSPITALS.

The list of immediate and future works contemplated by the Council is estimated to cost nearly £20,000,000. Mr. Bevan, the Minister of Health, has indicated that the building of new hospitals will probably not be possible during the next five years, but he has asked for a list in order of priority of proposals considered necessary for improving hospital accommodation. Two of the sites of the proposed new hospitals will be in the north of the county, one at Enfield, two in Central Middlesex, one at Finchley, two in the south of the county and two in the west—at Hillingdon and Northolt.

Lord Methuen, who is actively interested in the preservation work of the National Trust, the National Buildings Record and the Georgian Society, has left for France to lecture for the British Council on British COUNTRY HOUSES AND THEIR FUTURE at the Sorbonne in Paris and in the provinces.

During the war Lord Methuen was Monuments and Fine Arts Officer with 21st Army Group. A well-known painter, he is Hon. Treasurer of the New English Art Club and was formerly a Trustee of the National Gallery and of the Tate Gallery. He served in the Ministry of Agriculture 1925-32.



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From AN ARCHITECT'S Commonplace Book

PROTOTYPE OF PICTURESQUE SUBURBIA. [*From Georgian London, by John Summerson (Pleiades Books).*] Directly north of Cumberland Market is the canal basin, served by a branch (now filled up) from the Regent's Canal and designed to facilitate the daily supply of fresh vegetables from the Middlesex market gardens to the "shopping centre" of Regent's Park. The barracks lie north of this, between Albany Street and the branch canal, and have been rebuilt. Northward again are the Park Villages, East and West. These were among Nash's very last works and are full of interest. The houses are very small and often charmingly planned. Some are "Italian," some "Gothic," some affect a kind of Chalet style. Building this essay in the picturesque compensated him for having to leave out the clusters of villas he planned for the Park itself. Trees, water, fanciful gables and balconies—all the properties of the romantic village scene as illustrated in the almoners and keepsakes are here. It is a kind of Trianon. During the last years of Nash's life and after his death the villages were completed by his pupil and successor, James Pennethorne. Today, Park Village West survives and half of Park Village East, the other half having been erased by the railway. They are, in a sense, ancestors of all picturesque suburbia. Up to the war, housing estates were still being laid out very much on these lines with "no two houses alike." It would be difficult to find a prototype for these much earlier than Nash's Park Villages.

On June 22 the Town and Country Planning Association will make A RIVER TRIP DOWN THE THAMES to discuss the proposed Thames Development, in the County of London Plan.

Members of the Association, architects, planners and their friends and families will join the steam launch *Marchioness* at Westminster Pier at 11.0 a.m. They will spend the day on board discussing on the spot with officials from County Hall, The Port of London Authority, and the Riverside Boroughs, the proposed Thames Development in the County of London Plan. They will go through the Royal Docks and continue to Greenwich where a stop will be made for lunch on board. After lunch the party will visit points of interest, including the Royal Naval College, returning on board to go as far down the river as time permits. It is hoped to reach the county boundary—possibly as far as Erith—before turning back. On the return journey the party will view the Silvertown area, before returning to Westminster.

★

Brigadier North, Midland Regional Director of the Ministry of Works: One of my tasks is TO RAISE BRICK-PRODUCTION from 9,000,000 to 51,000,000 a month by the end of June; at present they are producing some 26,000,000 a month.

Brigadier North was speaking at a meeting of the Midlands' Branch of the National Federation of Housing Societies at Bournville. Mr. D. S. Brown, Regional Housing Officer of the Ministry of Health, hoped that there will be a partnership established between Housing Societies, with their wealth of experience and tradition of good housing for the working classes, and Local Authorities, many of whom are very short of trained officials and lacking in experience. Dr. Barlow, of the Family Health Club Housing Society, Coventry, said: After meeting Mr. Bevan and many other Government officials, approval to go ahead with the Health Centre and Community Neighbourhood at Coventry seems assured. We are going to build 2,000 houses. There is a sociological need for communal institutions in neighbourhood units of that size. The institutions are not the offices of the Local Authority, but

buildings to house the activities which grow up out of the needs and wishes of people there. Housing Societies are the ideal instrument for this sort of project; through them people are able to build and control their own houses and their environment.

Temporary Repairs are being made to THE GREEN COPPER SPIRE OF ST. MARY'S Church, Battersea, a well-known Thames landmark.

This was announced by Mr. E. Carr, B.Sc., A.M.I.MECH.E., Building Engineer to the Copper Development Association, during a

lecture to the Association of Building Technicians at the Battersea Men's Institute. He said: "The spire, although probably the lightest of its size in the country and constructed on a light arcading, withstood heavy blast from bombs falling over the river during the War, the metal sheathing being loosened in only a few places. Erected in 1777, when the church was built the copper spire was left unpainted, after considerable debate, and allowed to develop the natural green patina which has fully protected the metal for nearly 170 years and which drew forth the praise of Sir Edward Poynter, the artist, in 1878. So far as is known the only other damage sustained by the spire was that caused about sixty years ago by barges and others shooting holes in it from the river.



Garden of Remembrance, made in the bombed churchyard of St. James's, Piccadilly, opened by Queen Mary and dedicated by the Bishop of London. The flagged area between the church and Piccadilly is now bright with beds of geraniums and rhododendron bushes. Oak seats and trellises are part of the design, which is the work of Professor A. E. Richardson, R.A. During the opening ceremony, the Rector expressed the gratitude felt towards the late Lord Southwood, through whose vision and generosity the Garden of Remembrance was made. He gave the garden, on behalf of the Daily Herald, to commemorate the courage and fortitude of the people of London during the war. The photograph shows Queen Mary formally opening the gates into Piccadilly.



He Wants Nationalised Building

Mr. Luke Fawcett, General Secretary of the Amalgamated Union of Building Trade Workers and chairman of the new National Building Corporation set up by the Government to control a mobile squad of building craftsmen to help local authorities, is a firm believer in nationalisation. Speaking at Brixton to the local members of his union he said: "I was approached by the Minister of Works in regard to the setting up of some form of directed works for housing. The Cabinet has decided to enter the field as building contractors. Employers were asked to take seats on the corporation, but they said the scheme was in conflict with their own businesses. So we are going on. If I get the support I am promised, I feel I can get a case for nationalisation of the building industry." Born in June, 1881, at North Thoresby, Lincolnshire, and educated at the local school, Mr. Fawcett was at the age of 14 apprenticed to the craft of bricklaying with a local builder, completed his apprenticeship at 21 and went to Leeds where he became interested in the trade union movement.

From Leeds he went to Manchester, where he became President of the local branch of the Operative Bricklayers Society, and when the Amalgamated Union of Building Trade Workers was formed in 1921 of the two existing Bricklayers' Trade Unions and the Operative Stone Masons Society, he was elected Divisional Secretary of the No. 8 Division. Elected President of the AUBTW in 1934 and in 1941 General Secretary, he became a member of the General Council of the Trades Union Congress in 1941, and has served, and is serving, on its trades councils, international and other committees. Essentially a trade unionist, his long experience as organiser and negotiator on the industrial side of the labour movement confirms his devotion to trades unionism. He has served on a number of Government committees relating to the building industry and, keenly interested in apprenticeship, has made his contribution, as Chairman of the Apprenticeship Committee of the MOW Central Building Committee, to the inauguration and progress of the National Apprenticeship Scheme.

★★
Ministry of Health: *It will be appreciated that FLATS ARE GENERALLY MORE EXPENSIVE to build than are cottages and Local Authorities in the London region, before putting forward proposals, will doubtless have very careful regard to the probable cost of erection and the rents they will need to charge.*

The Ministry of Health states: A number of Local Authorities in the London Region have asked for more specific guidance as to the sizes of flats. In the *Housing Manual* it was stated that generally room sizes in flats should be much the same as in houses for the same number of occupants. The Minister thinks it important to preserve this in the case of bedrooms, the minimum size of which should be: 1st bedroom, 135 sq. ft.; other double bedroom, 110 sq. ft.; single bedrooms, 70 sq. ft. Somewhat different considerations arise in regard to the planning of the remaining accommodation. It is important to allow the fullest degree of flexibility in design and arrangement, and it is not proposed to prescribe any specific sizes of the individual rooms, though regard should be had to the recommendations in the *Housing Manual*. Close attention must also be given to the economical use of labour and materials. The actual sizes of flats can, however, be less than those of houses of similar accommodation inasmuch as the staircase is omitted and wash houses and utility rooms are usually, and more economically, provided as communal services. The Minister considers that it should be possible to provide bedrooms of the minimum size and adequate living room and service accommodation as follows:—

No. of rooms	No. of persons	sq. ft.
5	7	950
4	5	850
3	4	700
2	2	500

(In each case the measurements are within the containing walls and exclude the areas of balconies, whether external or internal, staircases and communal facilities.) It will be appreciated that flats are generally more expensive to build than are cottages and the Local Authority before putting forward their proposals will doubtless have careful regard to the probable cost of erection and the rents that they will need to charge.

The Building Centre has undertaken to organize the Technical Information Service in connection with the EXHIBITION OF STANDARD PRODUCTION FOR HOUSING (sponsored by Government Departments concerned) to be held at the Princes Galleries, Piccadilly, shortly after Whitsun.

Information is now being sought which will enable the Building Centre Bureau to give details of sources of supply, names of manufacturers who are making products and equipment in accordance with British Standards, together with availability and any other details which may be required by Local Authorities and all concerned in housing. This Information Service will be continued at the Building Centre after the Exhibition is closed. In the meantime anyone wishing to obtain further details as to the services to be offered and the information which it is expected to be available should communicate with the Director of the Building Centre, 9, Conduit Street, London, W.1.

SHEER WASTE

REFERRING to the use of materials in structures and the mechanical conditions to which they are likely to be subjected in practice, Professor Bernal said in an ASB lecture at the RIBA on March 6: "In spite of the work of thousands of engineers and architects, we still are largely ignorant on these questions and are apt to depend on by-laws which are recognized to be arbitrary, out of date, and to involve large factors of safety due to our ignorance and laziness."

There are, indeed, many problems still awaiting further research, but in some important questions substantial progress has been made during the last few years which is not recognized in existing by-laws. We have in mind particularly two official publications: (1) The Code of Practice, Chapter V, *Loading*.¹ (2) MOW Post-War Building Studies No. 7 on *Steel Structures*.² We have already referred to the new Code on Loading in connection with housing.³ We have described a case for which in old by-laws unnecessarily heavy loads are specified, to the detriment of important amenities.

A similar but much more drastic discrepancy between by-laws and up-to-date requirements exists in the case of roofs "where design and location render it unlikely that under any circumstances they will be made accessible to persons other than for maintenance purposes."

This case is of great importance at present when, apart from housing, new factories, most of them with large spans, have the highest priority. Most building by-laws specify a superimposed load of 30 lb./sq. ft. for flat roofs and roofs inclined at an angle with the horizontal of not more than twenty degrees, although it has never been stated how a load of this intensity can be realised over a large area on which no loads except snow and wind occur. During the war a very large number of buildings were designed for a superimposed roof load of 15 lb./sq. ft. At the same time, the working stress of the steel was raised from 8 to 10 tons/sq. in. To our knowledge, all such buildings have proved satisfactory as far as loading and stresses are concerned. In the new Code on Loading it is suggested that such roofs should be designed for 20 lb./sq. ft. and in the MOW Study No. 7 the maintenance of the war-time working stress of 10 tons/sq. in. in structural steel is recommended. Apart from any other consideration, the experience of the last 6 years is surely sufficient to justify both these departures from existing by-laws.

Modern factories require large floor spaces unobstructed by columns, i.e. large span roofs. An increase of 10 lb./sq. ft. (equivalent to 50 per cent) of the superimposed load, in most cases more than the total dead load of the roof, and a reduction by 2 tons/sq. in. (equivalent to 20 per cent) of the permissible steel stress cause a very substantial increase in the weight of steel, both in the purlins and the main trusses, and often also

1. See Inf. Centre No. 1776. A.J. for February, 1945.
 2. No. 1536. A.J. for July 20, 1944.
 3. A.J. for May 24, 1945.

in the columns. Even the foundations are affected by the additional load on the roof.

It must be realized that time and money spent on the increased weight of steel in no way increase the value of the building. It is sheer waste. We could ill afford this even before the war, but in our present situation, in view of the shortage of both labour and materials, it is absurd to adhere to obsolete by-laws which are of no advantage to anybody. Yet, all over the country, many authorities enforce the old fashioned requirements.

Our whole system of by-laws is too rigid. Thus, an institution set up to protect the public interest often achieves the opposite because it does not adapt itself to our improved technical knowledge. Surely it should be possible for local authorities to grant waivers on the basis of the two documents mentioned. This is as important now as it was during the war.

The problem has also another aspect. Local authorities have the power of serving notices of demolition to owners of buildings erected during the war and not in accordance with their by-laws. It would be the height of folly if such buildings were to be demolished or strengthened only because they were not designed with a factor of safety excessive even under actual loading to carry loads that in fact never occur.



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

ON AND OFF THE RAILS

Design on the railways is a subject on which people seem eager to write many letters to many editors. My own note on the LNER's plans last December provoked one AJ reader to a long and spirited comparison between British railways and those of North and South America, from the standpoint of passengers' comfort and convenience: a comparison which was generally to the disadvantage of our own lines.

Soon afterwards Guy Ropner wrote a letter to *The Times* expressing the hope that "when designing their new rolling stock . . . the railways will consider air conditioning. I know of no satisfactory means at present of ventilating a British railway carriage. There is no happy medium between draughts and a Fug." Mr. Ropner again drew a trans-Atlantic parallel, as he went on to assert that in the United States and Canada "all carriages are air conditioned and the windows are not constructed to open." To which another reader replied that English travellers got this impression because they did their journeys in the crack main-line trains, but in fact the statement wasn't true of American railways generally.

The latest blow in this grand free-for-all has been struck by another writer-to-*The Times* in a letter signed "Eva Ruth Spalding. In the train, Farnham to Waterloo"—evidently a letter that would not comply with the classic formula of emotion recollected in tranquillity. This correspondent pleaded for non-talking carriages, "more needed than non-smoking ones," to provide an opportunity for a quiet read, and her pleas had a whimsical echo in one of *The Times* inimitable fourth leaders on the same subject.

My attention has also been drawn (as they say in the House) to a letter to the *Spectator* from Noel Carrington, dealing with design not on the train but on the station, and pointing out that the utter confusion to the eye of indiscriminate advertising is to be seen at its worst in the main-line termini. Mr. Carrington contrasted this chaos with the neatness (and effectiveness) achieved in advertising on that inexhaustible source of examples of good design, the London Transport system.

George Dow, who is a servant of the LNER but seems to be the only articulate defender of British railways in general, pointed out in reply that some tidying-up "had already been achieved before the war at main-line stations that had been rebuilt or partially rebuilt," with "the standardization and re-siting of direction and other signs (for which Gill Sans lettering and uniform colours had already been devised), the grouping of and provision of panelled sites for both railway and commercial advertisements, and the grouping and . . . modernization of automatic machines."

"This tidying-up process had been carried out in various degrees at some 600 LNER stations up to the outbreak of war," Mr. Dow added. From what I've seen during the war, while spending more time than I care to think waiting on LNER platforms, I can't help feeling the phrase "in various degrees" might have been italicised.

PUBLICATIONS RECEIVED

The photograph opposite of the New Room, Bristol, supposed to be the oldest Methodist Chapel in the world, is reproduced from *The Methodist Church Builds Again*,* a new publication describing fully and with the help of type plans, the kind, size and shape of buildings which the Methodist Church will seek to erect in future. It contains recommendations on planning, equipping and furnishing, as well as detailed schedules of requirements for different types of chapel, and will be invaluable as a reference to any architect faced with this particular problem. Other bodies might well follow this excellent example, for good programmes are the basis of good buildings.

* By E. Benson Perkins and Albert Hearn (The Epworth Press, 6s. 0d.)

Also received and leafed through rather abstractedly, are the Annual Reports of the TCPA [guardedly cheerful] and of the CVE, now moved to 13, Suffolk Street, and anxious to obtain subscribing members; two accounts of some energetic local authorities' activities—Education Week in East Ham, and the new Cultural Council formed at Cheltenham to cover all activities from male voice singing to film societies; a prospectus of the School of Architecture at Auckland, N.Z., illustrated with some lively students' work presented in a faintly American style; some gossipy publicity from CID on the Britain Can Make It Exhibition, and an article by the indefatigable Dr. Pevsner encouraging manufacturers to produce some really good new designs for this show; and finally a handsomely bound but rather family-interest account of A. K. Lewis', Gower Street bookshop, which recently celebrated its centenary.

The architect:

My design for living includes Wafer Oats porridge every morning. On such a plan—with such a sure foundation—I can present a happy elevation to the world: I feel myself in proper perspective with life. I should never regard the breakfast-board as complete without a plate of Wafer porridge

WHITE'S WAFER OATS

White, Tomkins & Courage, Ltd., Dublin.

The latest addition to Astragal's scrapbook of the Architect in Advertising. From the Irish Times.

This chatty, deferential volume contains portraits of the distinguished medicos whose books have been published by Lewis—subjects such as inebriety and the pathology of tumours—and records with pleasure its close contact with the medical profession over a hundred years. So close a contact that the contractors rebuilding Lewis' actually used the same hoarding as had been used round the new BMA building in Tavistock Square. "The letters BMA," cries the author delightedly, "were just discernible in various places." Mene, Mene, Mr. Bevan, tekell upharsin.

MEMO TO TOWN AND COUNTY CLERKS

Architects still in the Forces overseas often complain that they are at a disadvantage in replying to advertisements for situations vacant in the A.J. and elsewhere, in that the vacancies are too often filled before they have a chance to apply.

Here is a typical letter from a Major in Madras:—"Being overseas, one is sadly out of touch with appointments vacant, particularly Municipal, Educational, and the like. May I suggest that you endeavour to bring to the notice of your advertisers the difficulty of members of H.M. Forces overseas in forwarding applications for vacant posts by due dates. If a minimum of thirty days were allowed, I feel sure many applicants would be found amongst men about to be released, and the gesture would certainly be appreciated."

ASTRAGAL



LETTERS

Professor Sir Charles Reilly,
O.B.E., LL.D., F.R.I.B.A.

M. Hartland Thomas,
F.R.I.B.A., Hon. Sec. Mars Group

Andrew Carden,
A.R.I.B.A., N.R.D.

Harald Weinreich,
M.Inst. RA.

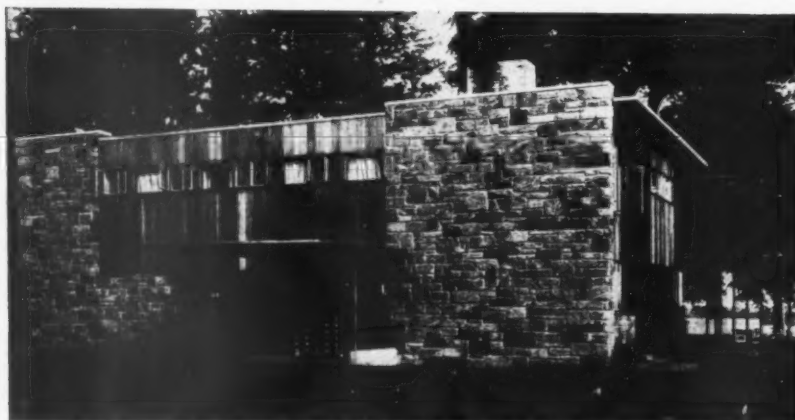
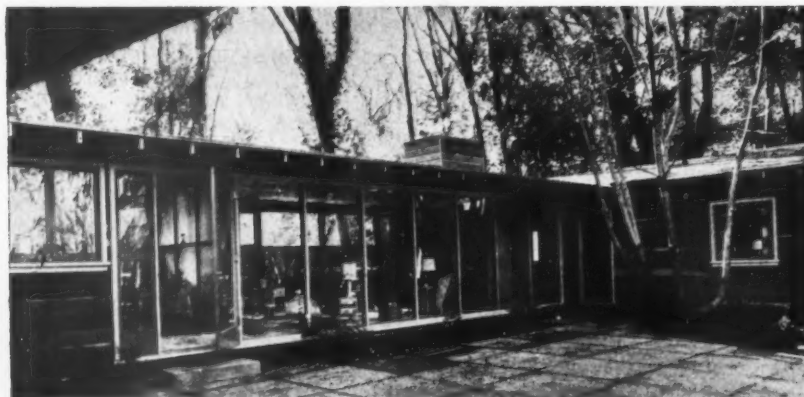
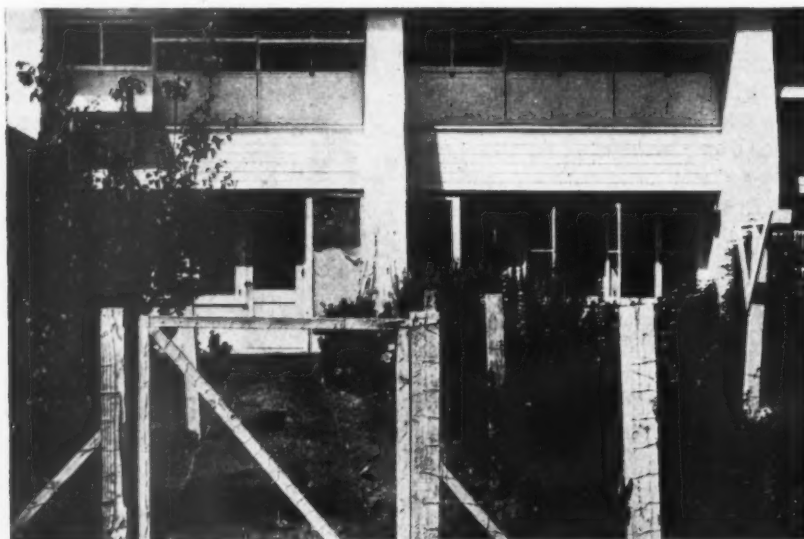
Crystal Palace Competition

SIR,—I have seen, at the Building Centre, the winning and other designs in the great Crystal Palace Competition, and have very sadly come away with the conclusion that neither the promoters nor the assessors knew whether they wanted forward looking architecture, like the old Crystal Palace, or backward looking stuff like most competitions produce in this country. Indeed it would appear from the result they still like best full blooded neo-Edwardian design, just as has so often happened in the past assessors have seemed to prefer bloodless neo-Georgian, or at least the Swedish Georgian compromise. Is the way to avoid these catastrophic results, which are bringing all competitions into disrepute, to say that all assessors in future should be under forty years of age, as the late Lord Keynes once suggested for the competitors in a competition he was concerned with? There might be something to be said for that, but I think it does not go far enough. Some are born old and some achieve it quite early. A better, and indeed the only, way in these days of architectural revolution is for everyone concerned to state clearly on which side of the fence he stands, and never to allow anyone to act as an assessor who merely sits on the fence till the iron enters his soul. In all competitions, and especially in international ones, vagueness is a sin. The conditions should be far more carefully studied, and even the standard of presentation laid down. What will our friends abroad think of English architecture when they see the winning design? That we are still all floundering in a 19th Century Slough of Despond? Those of us who know what the young are thinking and designing to-day will know the true picture is of a very different state of affairs. Let us hope all interested in this particular competition



The New Room, Bristol,—the oldest Methodist Chapel in the world. From The Methodist Church Builds Again. See Astragal's note on Publications Received.

USA REGIONAL BUILDING



An exhibition called Regional Building in the United States is now open at Heal's in Tottenham Court Road. It has been prepared by the Museum of Modern Art, New York, and is presented in this country by the Arts Council. It sets out to show that one of the principles of good architecture is the straightforward use of materials suitable to the purpose of the building, its site and the climate. It shows how today in the USA the virtues of local folk architecture are being adapted to modern needs and taste. Top, row-houses of the cooperative farm community at Chandler, which use adobe, the favourite material of the Southwest, in a fresh way in the 12 in. party walls; architects, Vernon De Mars and Burton D. Cairns. Centre, a timber house in Marin County, near San Francisco, by Dinwiddie, Hill and Joseph, built in 1941. Below, a house by Stonorov and Bacon (1940) on the banks of Delaware River, of granite and timber, recalling the early barns of nearby Bucks County as well as the Dutch Colonial houses of neighbouring New Jersey and New York. The exhibition closes on June 12.

will see Maxwell Fry's article in the last issue of the JOURNAL and wonder, as I do, why a man of such achievements and clear headedness has not yet been an assessor under our present arrangements for appointing such. Is there something wrong with that, too? Perhaps indeed it is the heart of the matter.

Twickenham

CHARLES REILLY

SIR,—Your readers may care to be reminded that the RIBA endeavoured to delay this competition until a sufficient number of architects had returned from National Service to ensure a representative field of entries. This caused a letter to be written to *The Times* accusing the RIBA of obstruction.

The promoters seem to have compromised by making an unreal distinction between layout and buildings, and by holding a paper competition for a scheme that was not assured of implementation. Confronted by their assessors' indecisive award, they must now be regretting their impatience.

Since the lay press has given prominence to the elevations, in spite of the disparaging remarks of the assessors about them and the award being given for the "layout" only—in some cases even it is assumed that the premiated design will be built for the 1951 Exhibition—and to counter the bad name that this is giving to British architecture at home and abroad, a clear and authoritative pronouncement is required of intention to hold another competition, treating the project as a single whole.

It is hoped that this case will be the occasion for a reorientation of the competition system as a whole. Hitherto it has been assumed that architectural competitions are desirable in themselves; but is this really so? Surely they are a conspicuous waste of skilled man-hours that can ill be spared, unless they contribute to architectural development.

Competitions that merely find new men to operate in the same stale conventions may be of interest to individual architectural careers, but they are no use to architecture. Would-be promoters who want this sort of competition had better be put off. We can only afford competitions whose avowed intention is the advancement of architecture.

M. HARTLAND THOMAS,
London Hon. Secretary, Mars Group

SIR,—There is obviously going to be a copious discussion of the Crystal Palace Competition Award, which will result in the expression of many shades of opinion. Such argument cannot, I fear, produce from among the designs submitted anything up to the standard of the original.

My criticism of the Competition is that it was in effect a "limited competition." Limited, in fact, to those not engaged in war work or in the Armed Forces. This limitation, apart from questions of "style," has resulted in a standard for which the assessors felt compelled to apologize.

Danbury, Essex

ANDREW CARDEN

Trade Catalogues

SIR,—I wholeheartedly endorse the complaints voiced by Mr. Goldfinger in his recent letter with regard to Trade Catalogues.

In addition to his remarks on (1) their lack of relevant information and (2) their lack of uniform size, I would point out (3) the variety of subjects included in one cover.

This last point often makes it quite impossible to file a catalogue and consequently to find the information required.

Realizing these difficulties some time ago I started work designed to bring order into the present chaos and I hope, in due course, to make available the results of my efforts to the profession and the trade.

London

HAROLD WEINREICH

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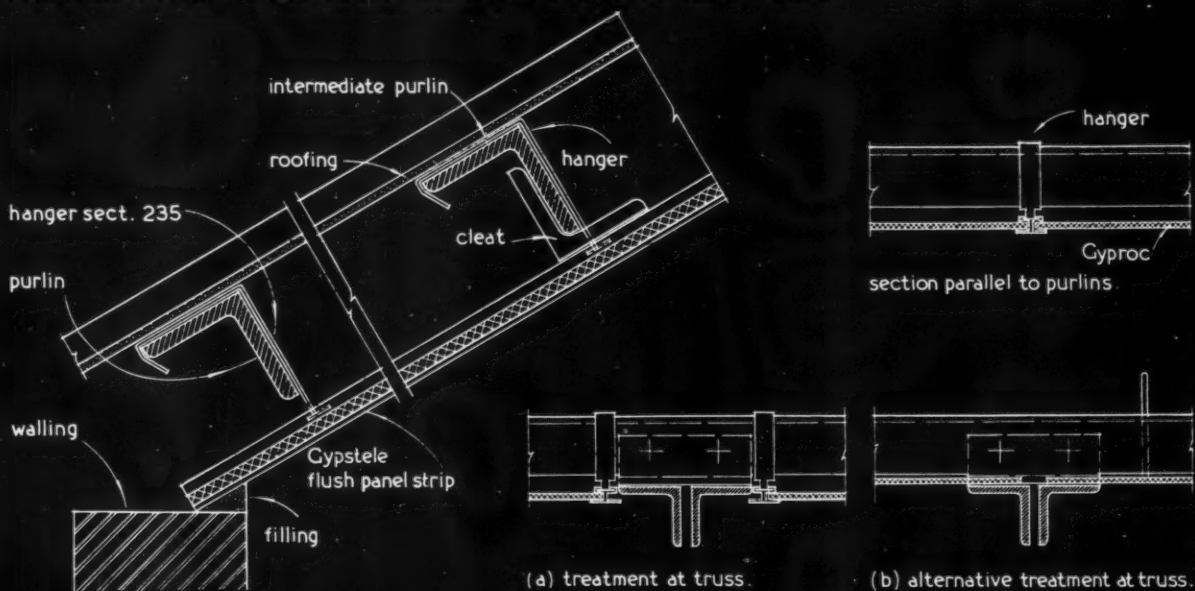
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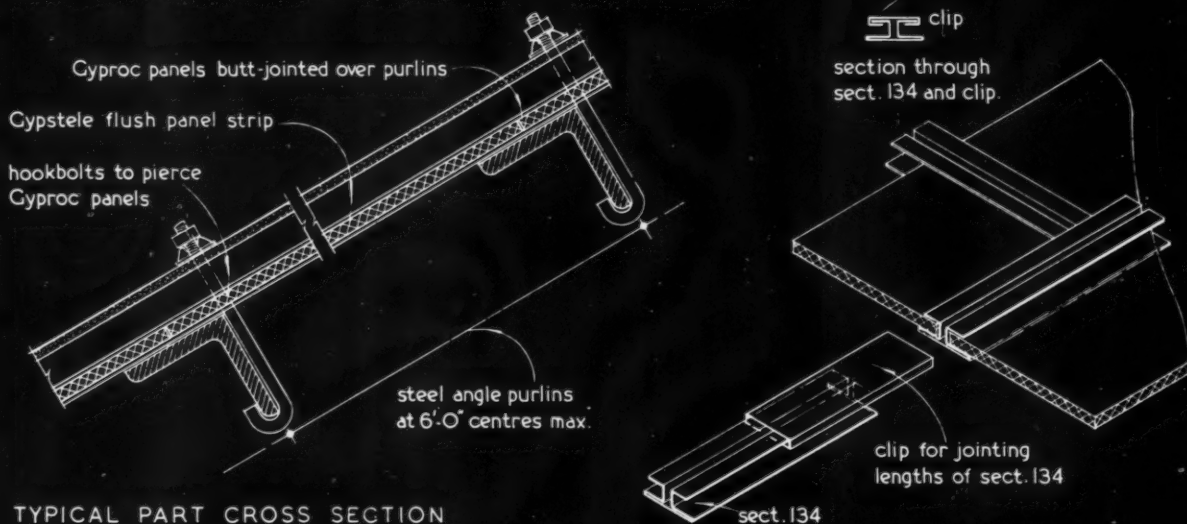
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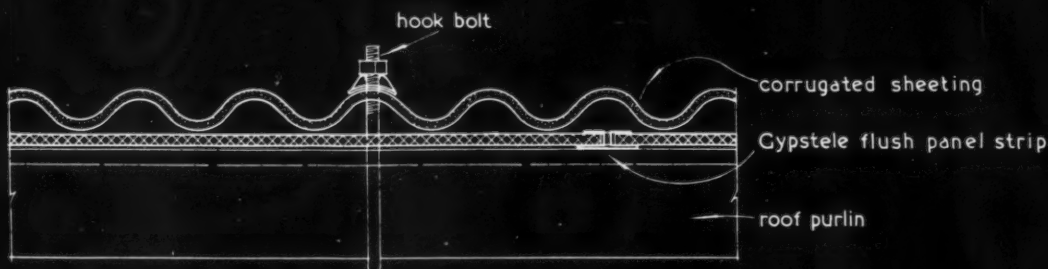
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446

INFORMATION SHEET: CEILINGS · GYPSTELE · SYSTEM.

THE ARCHITECTS' JOURNAL
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INFORMATION SHEET

• 959 •

CEILINGS

Product :

Gypstele Ceilings.

Note :

This Sheet supersedes No. 829, published June 12th, 1941, which is now cancelled.

Description :

This is the second of two Sheets describing Gypstele ceilings and deals with ceilings fixed direct to roof members. For suspended ceilings see Sheet 958.

Gypstele ceilings combine the use of Gyproc fire-resisting plasterboard as panels with patented flush panel strips of metal, fittings and hangers, forming lightweight structurally strong linings.

Where abnormal conditions of moisture occur, such as bath-houses, laundries, cook-houses, etc., it is recommended that shower-proofed Gyproc shall be used.

Panel Sizes :

For normal construction, panel sizes are limited to 6 ft. by 2 ft.

Finish :

The protective finish of the metal flush panel strips allows the use of the same paint or distemper as for the panels.

Fixing :

Two methods of fixing the Gyproc panels are illustrated on the face of this Sheet :

1. The Gypstele flush panel strips securing the Gyproc panels are secured to the purlins by means of key hangers. For methods of dealing with the flush panel strip at the truss, see sketches (a) and (b).

2. The Gyproc panels are secured to the top of the purlins by means of the hook bolts which hold the corrugated sheeting roof in place and pass through the panels themselves. The ends of the panels are jointed by means of Sect. 134, flush panel strip, and the strips are held together by a pressed metal clip—see sketch.

Quotations :

Complete quantity survey and erection diagrams are provided for each job by the Company's Engineering Staff.

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Telephones : Gravesend 4251/2/3/4.

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PIMLICO HOUSING SCHEME COMPETITION

FIRST, SECOND AND THIRD DESIGNS

Messrs. Philip Powell and Hildalgo Moya, of London (design No. 4) have won the Pimlico Housing Competition first prize of 700 guineas. The other awards were: second, 500 guineas, 59, H. V. Lanchester and T. A. Lodge, London; third, 300 guineas, 37, P. B. Dunham and F. Macfarlane Widdup, Studham, near Dunstable; fourth, 200 guineas, 51, A. W. Kenyon and C. Lovett Gill, London. Commended, 49, Sir John Brown and A. E. Henson and Partners, London; 60, D. Dex Harrison, Ernest Seel, and Mrs. Penelope Hawkes, London; 20, C. Nicholas and J. E. Dixon-Spain, London; 6, A. B. Wylie and R. Cowan, Edinburgh. Sixty-four designs were submitted. The competition, promoted by the Westminster City Council and assessed by Mr. Stanley C. Ramsey, was for the lay-out of an area in Pimlico of approximately 31 acres,

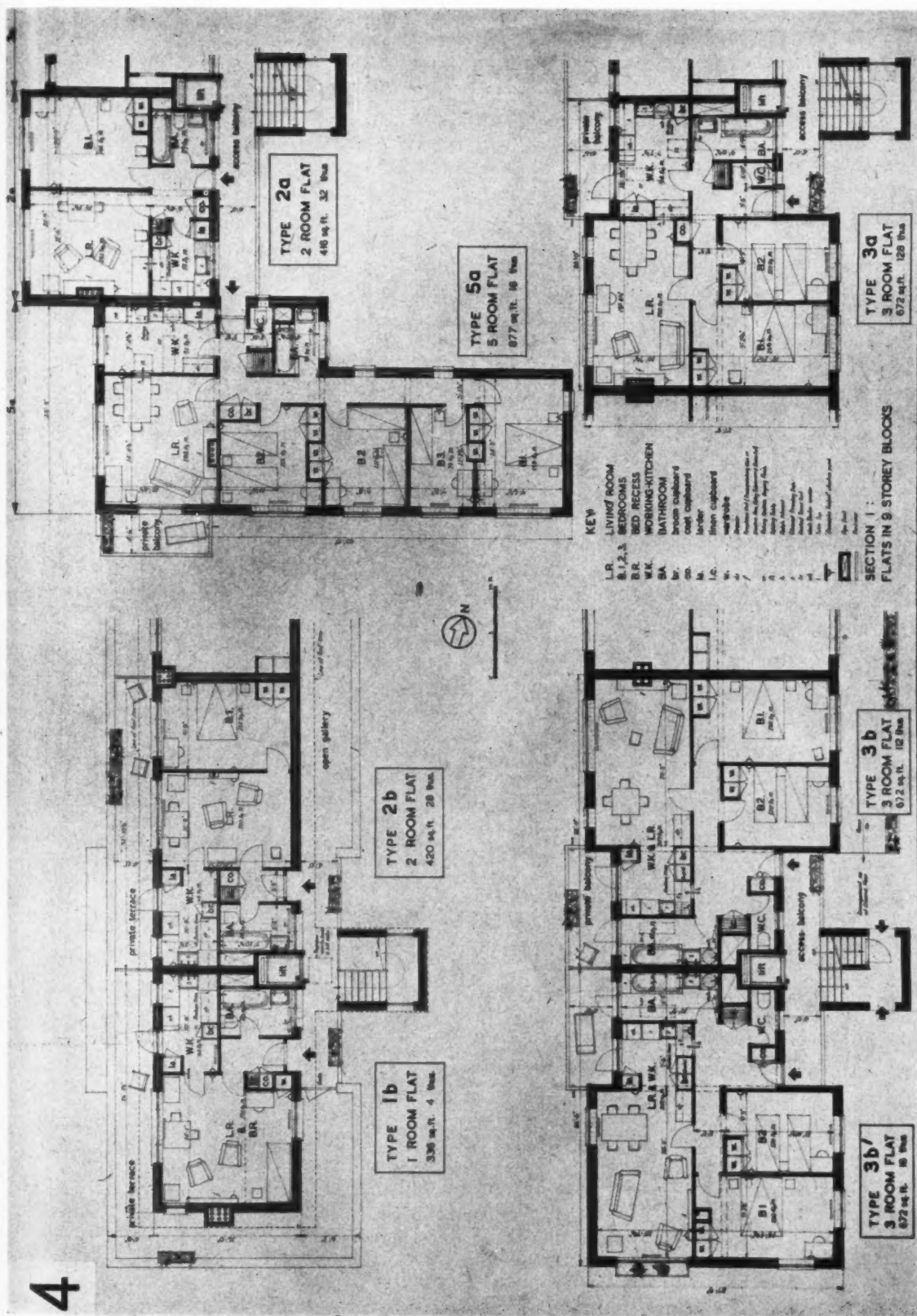
and for the design of flats for the working classes and other buildings to be erected on the site: in the heart of Westminster with a frontage of 600 yards to the river in Grosvenor Road—very little less than the length of Whitehall. There are to be 2,000 flats. The Council hopes to complete the scheme in four stages; only labour and materials will determine the rate at which the work can be completed. The whole scheme, when finished, will have involved an expenditure on present estimates of more than £4,000,000. In the conditions laid down in the competition, buildings over three storeys were to be provided with lifts, central heating and constant hot water. Community

and youth centres, communal restaurant, garage for 200 cars, a communal laundry and drying rooms, day nursery, nursery schools, a shopping centre, and even licensed premises were envisaged. There were to be no fireplaces in the flats. Mr. Powell and Mr. Moya, the winners, were previously working on permanent prefabricated housing designs, and went into partnership last October.

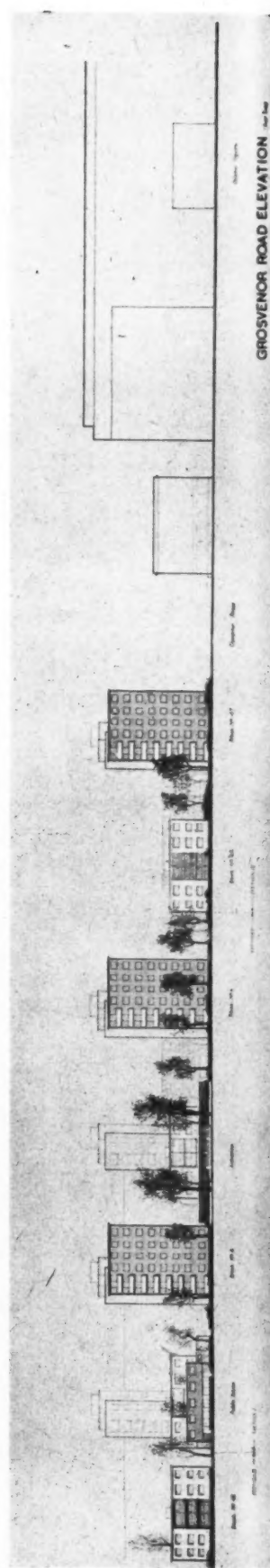
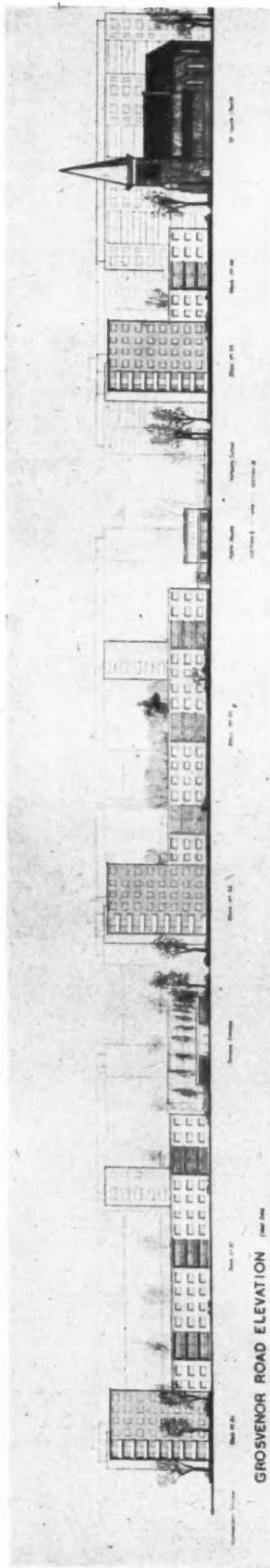
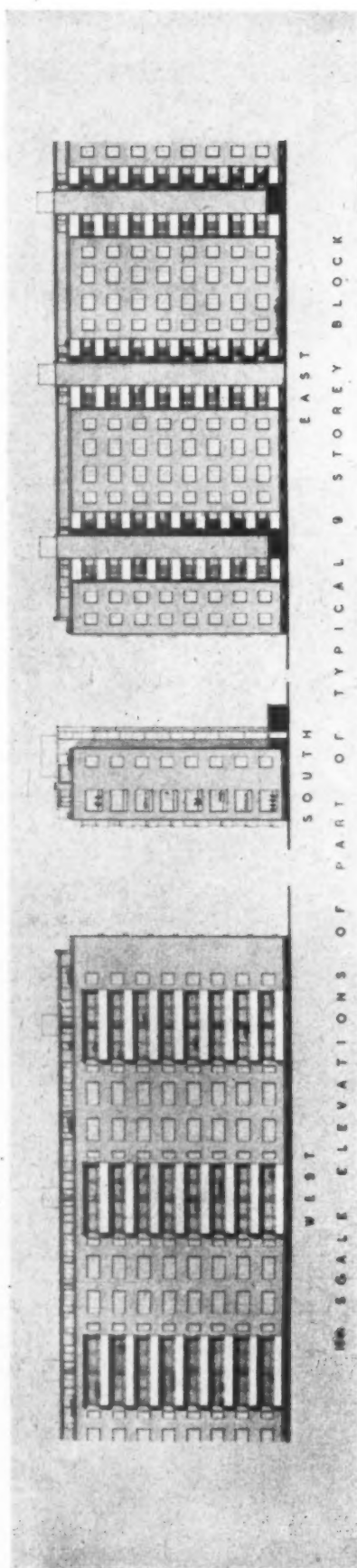


Top, lay-out of winning design. Right, the winners: Philip Powell (left) and Hildalgo Moya.

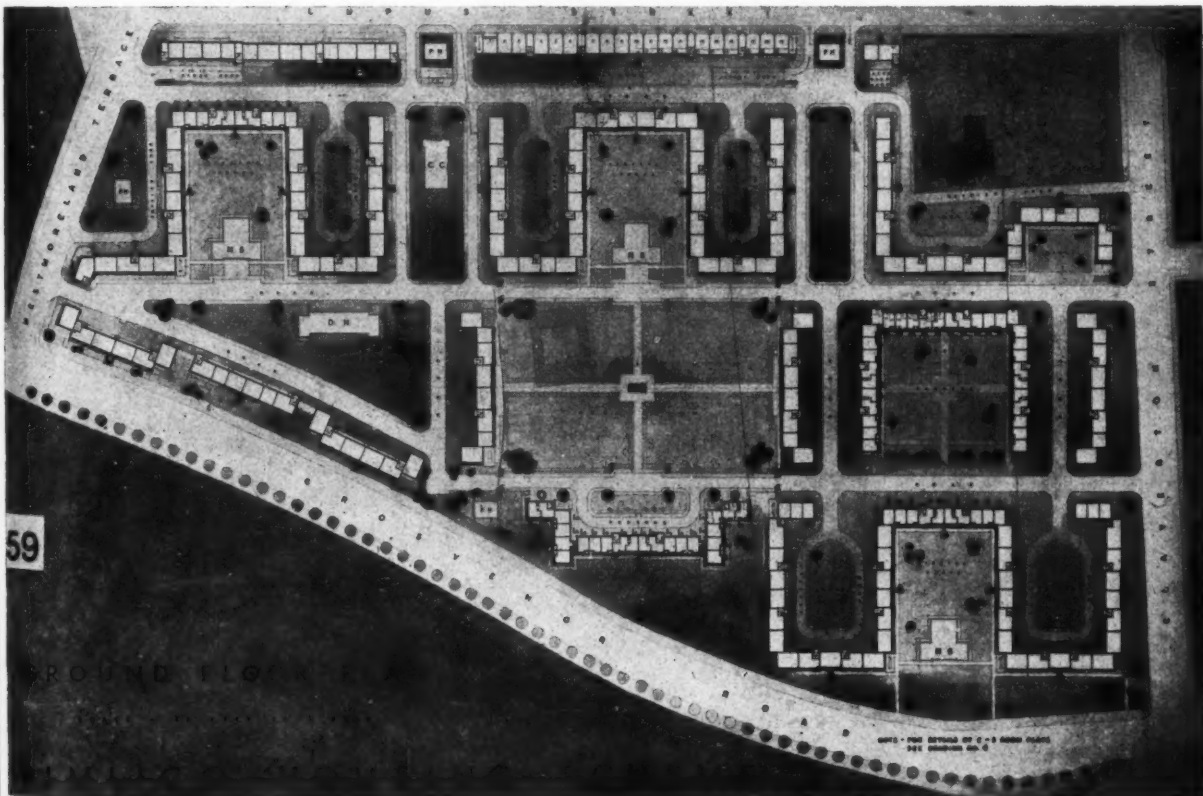
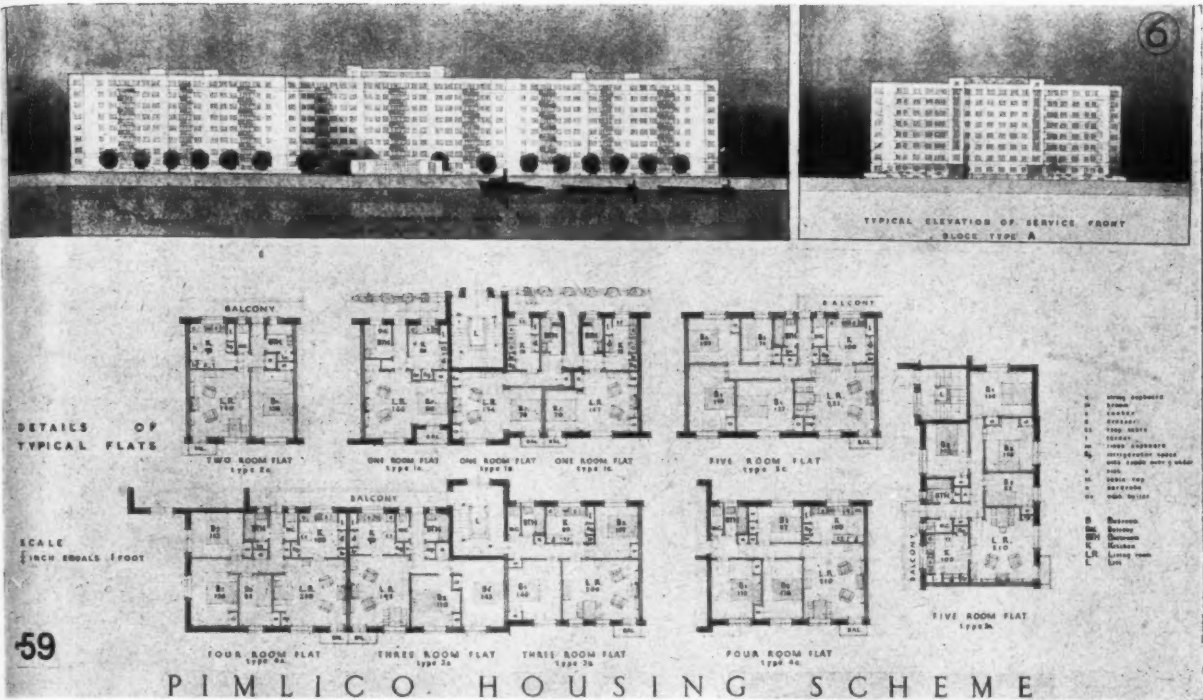




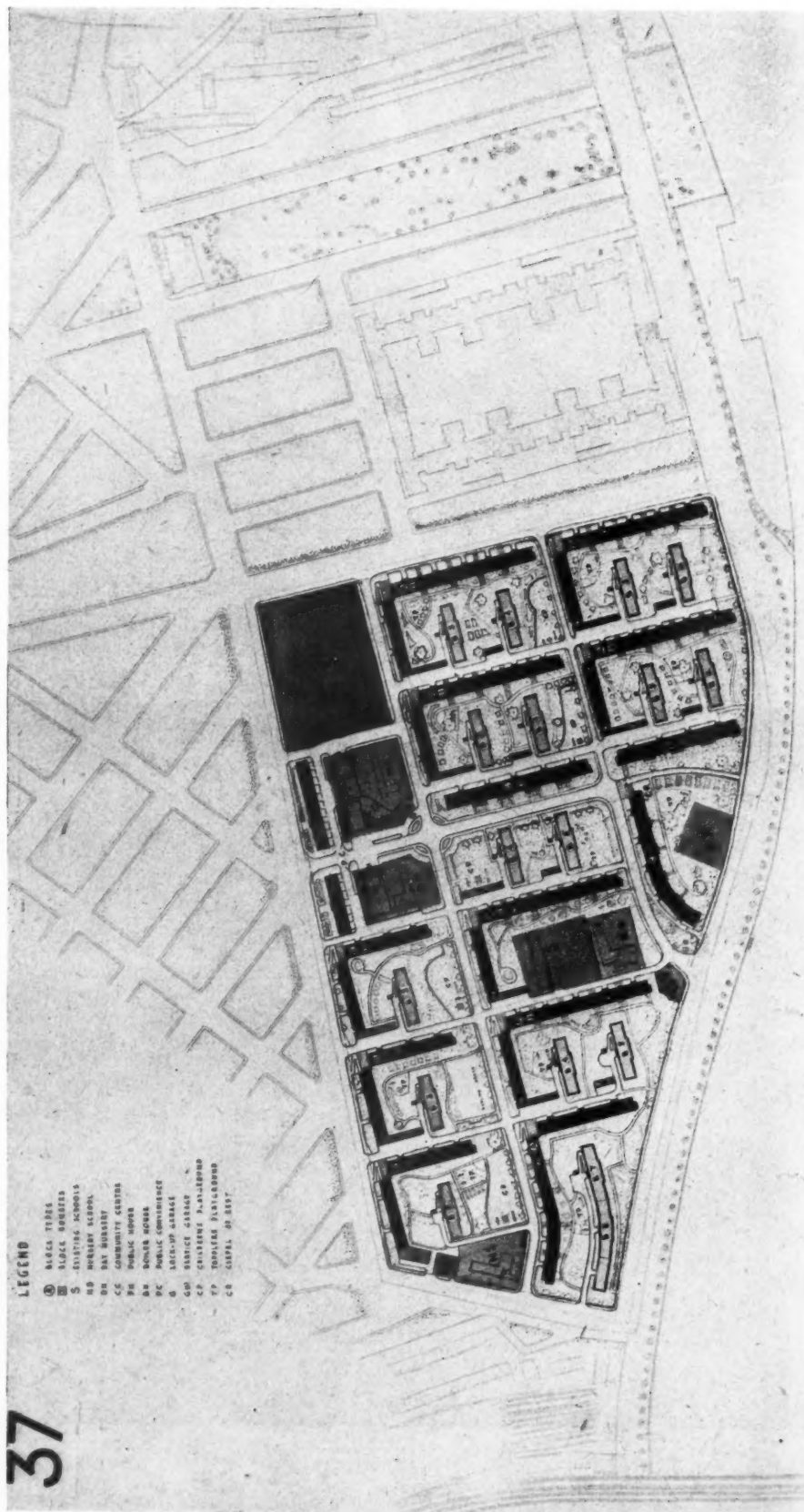
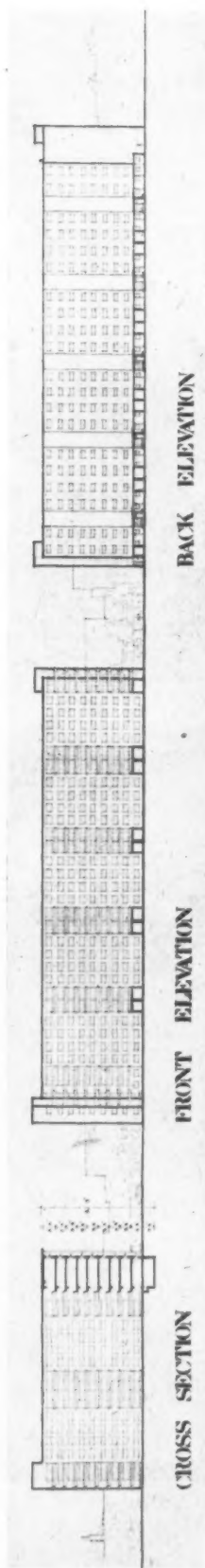
No. 4, WINNING DESIGN : Philip Powell and Hildalgo Moya.

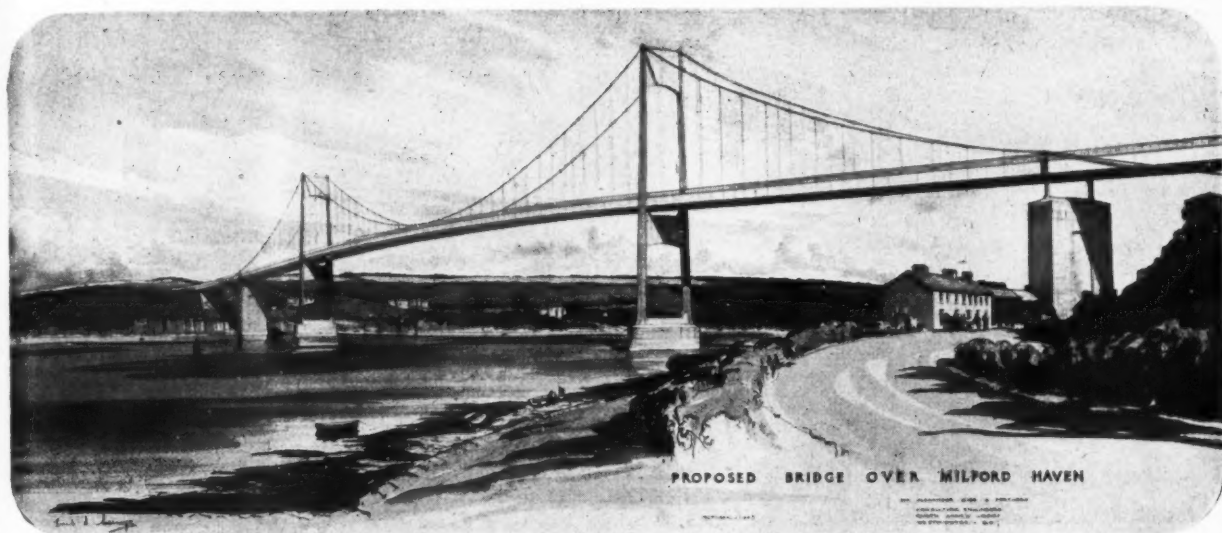


No. 59, SECOND PREMIUM : H. V. Lanchester and T. A. Lodge.

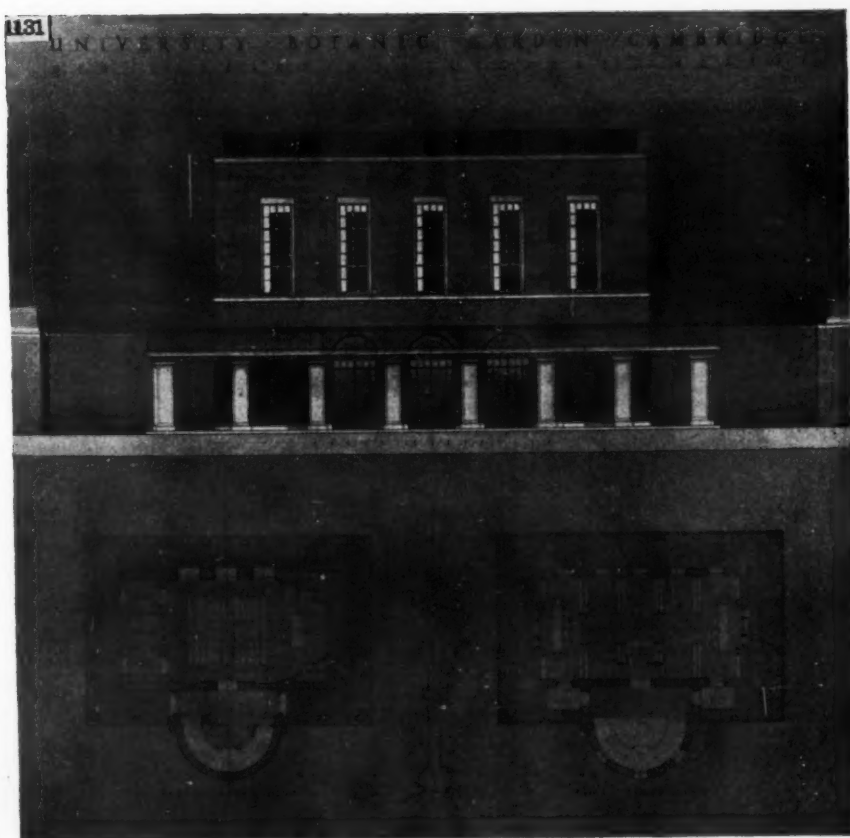


No. 37, THIRD PREMIUM: P. B. Dunham and F. Macfarlane Widdup.

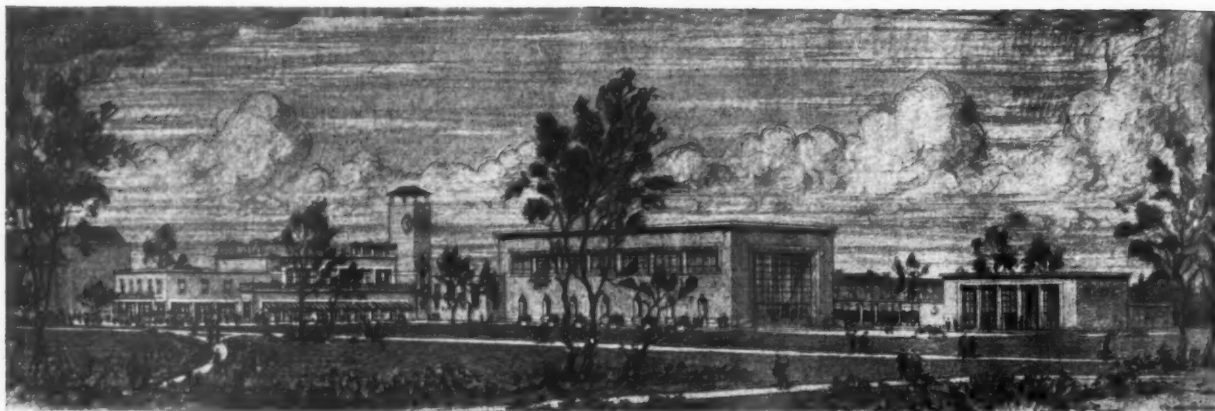




AT THE ROYAL ACADEMY EXHIBITION



Top, proposed bridge over Milford Haven by Sir Alexander Gibb and Partners (Chief Architect: T. H. Eley); drawn by Frank A. Weemys. Right, University Botanic Garden, Cambridge; new library and theatre, by Professor A. E. Richardson, R.A., drawn by E. A. S. Haufe.

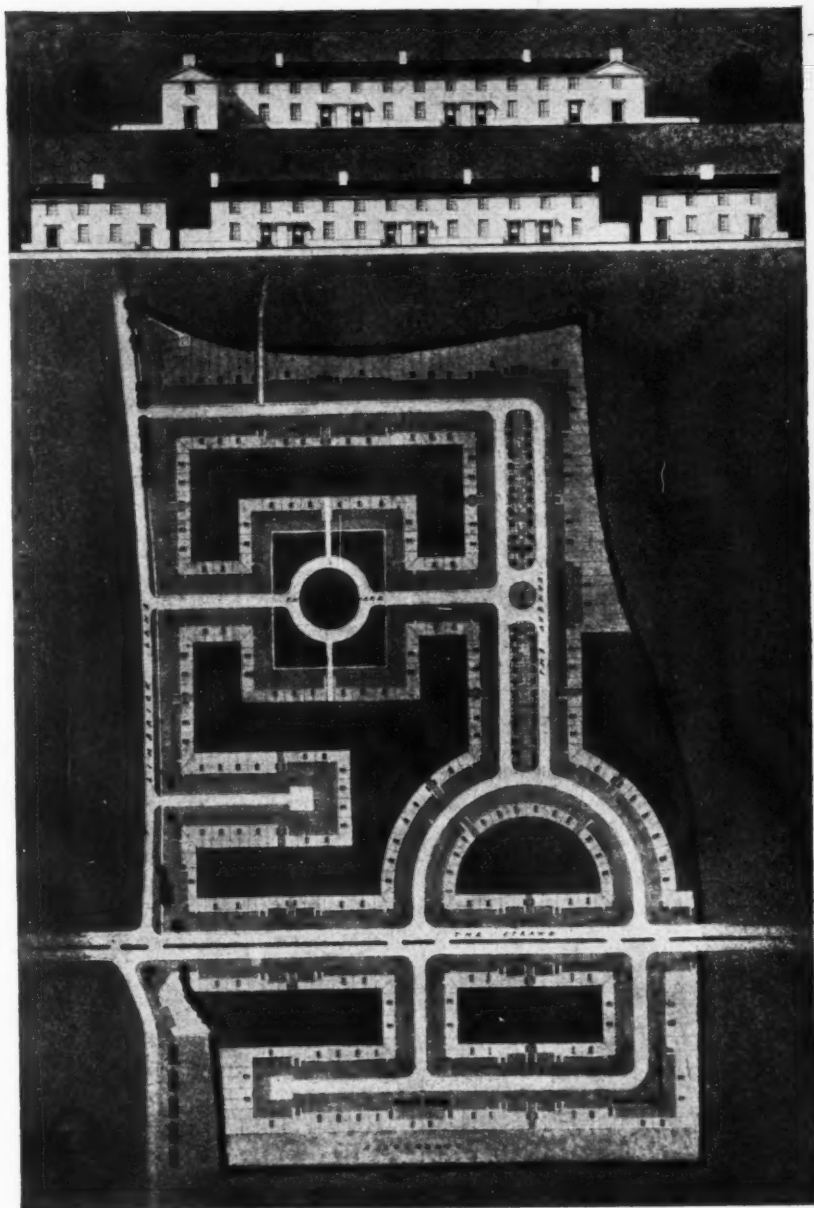


Above, Duchy of Cornwall: suggested Social Heart in study of the North Lambeth and Southwark Redevelopment Area, by Louis de Soissons, A.R.A.; drawn by P. D. Hepworth. Left, Ecclesiastical Commissioners: proposed Neighbourhood Unit at Newington Brandon, Kennington Park, Brixton, by Sir Patrick Abercrombie and R. Nickson; drawn by Eugene Sternberg.

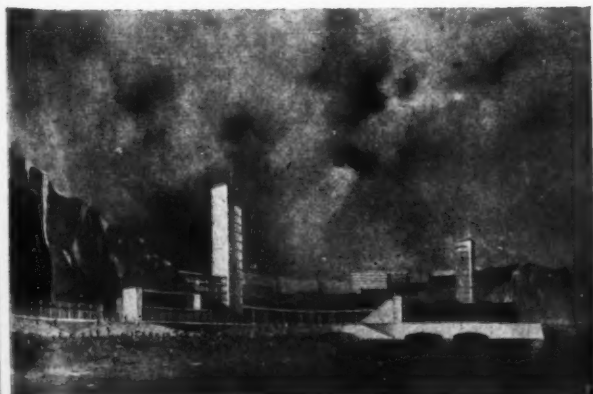


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AT THE R. A. EXHIBITION



Above right, housing for Worthing Corporation, by C. Cowles-Voysey; drawn by C. Cowles-Voysey. Below left, proposed redevelopment of Bournemouth: view of New Pier Head, by Sir Patrick Abercrombie and R. Nickson; drawn by Norah R. Glovel. Below right, flats at Well Walk, N.W.3, for Hampstead Borough Council, by C. H. James, R.A., and Bywaters and Rowland Pierce; drawn by Rowland Pierce.



INFORMATION CENTRE

The function of this feature is to supply an index and a digest of all current developments in planning and building technique throughout the world as recorded in technical publications, and statements of every kind whether official, private or commercial. Items are written by specialists of the highest authority who are not on the permanent staff of the Journal and views expressed are disinterested and objective. The Editors welcome information on all developments from any source, including manufacturers and contractors.

PHYSICAL PLANNING

2564

National Plan

POST-WAR BRITAIN: A BLUE-PRINT FOR OUR NATIONAL LIFE. Edited by Sir James Marchant, with an introduction by Lord Woolton. (Eyre and Spottiswoode, 1945, 12s. 6d.) Contributions from leading authorities on probable developments in main spheres of national activity. Aspects covered include health, food, building, agriculture, chemistry, materials, transport, and research. Illustrated.

In an introduction Lord Woolton explains the meaning of planning and of planning for reconstruction. He gives a condensed survey of the problems confronting the country now and states that it is necessary to continue the new partnership between individual, industry and State which was so successfully established during the war.

The following is a synopsis of the various contributions.

The Future Health of the Nation by Lord Horder.

There are four special reasons for accelerating developments in the field of Health: (1) the citizen is more health-conscious than he has ever been; (2) the re-orientation on the part of doctors in the direction of preservation of health rather than in the direction of the cure of disease; (3) the advances in the field of nutrition; and (4) the progress achieved in the treatment of disease.

To raise the nation's standard of health reliance must be placed upon contributions from various sources: (1) the help the State can give through both its central and local machinery, especially in regard to the regionalization of hospitals and the setting-up of Health Centres; (2) the contributions Agriculture can make towards positive health in the way of a sound economic farming policy resulting in increased milk and food production; (3) the help Industry can give in improving the health of employees by means of adequate industrial welfare and medical services.

The Food of the Future, by Sir John Orr.

A world food policy based on the nutritional needs of the people makes it necessary to know what the science of nutrition is, and how to apply this new knowledge. Aspects dealt with include the extent and cause of malnutrition; pre-war measures to improve nutrition; and the proceedings and conclusions of the United Nations Conference on Food and Agriculture in 1943 at Hot Springs, USA.

Building the Homes of the People, by Sir Ernest Simon.

A successful programme for overcoming the problems of housing the urban population depends on a well-organized and efficient building industry, planned on a stable basis. There must be a steady flow of orders, a steady level of prices, and steady employ-

ment. This is not a matter for the building industry itself. It is a national problem which can only be planned and controlled by the Government. It involves three things: (1) a man-power plan, (2) a building plan, (3) a materials plan. Other points discussed include housing standards; technical economies; site labour; mass production; and costs, rents, subsidies. In conclusion a most useful survey is given of the various contributions which seven different Government departments would have to make in order to have the required numbers of houses built to the required standards of fitness and amenities.

Agriculture: Retrospect and Prospect, by A. W. Ashby.

A scientific survey of the changes and improvements in agricultural methods discussing the following aspects: the rise of efficiency in agricultural processes; the amount of land required to feed a given population; changes in the uses of land; soil fertility; causes for and forms of agricultural improvements; the farming industry; State action in regard to agriculture; the character and future of British agriculture; farm mechanics and the application of power in agricultural operations; urgent post-war problems.

The New Chemistry, by E. F. Armstrong.

Chemistry in the future will have to provide for many different human needs, including health, transport and building. In connection with health subjects such as experiments on farm crops, chemical problems of canning food, vitamins, and the cure of disease as the result of the advance in Chemical Therapeutics are discussed.

The development of the petroleum and oil industries, and advances in chemical metallurgy are some of chemistry's contributions towards more efficient means of transport.

In regard to building reference is made to the perfection of plywood, to the development of fluorescent lighting, to the efficient use of fuel for domestic appliances, and to rubber, plastics and glass.

New Materials—Plastics, by E. G. Couzens.

A short historical note is followed by a description of the chemical background to the plastics industry. The latter divides itself into three phases, namely:

- (1) the chemical manufacture of plastics,
- (2) the preparation of the plastic stock, forms such as sheet, rod, tube, moulding powders, films, foils, and laminates,
- (3) the manipulation of these forms into articles which depend mainly on the physical characteristics of the plastic concerned.

The Future of Coal, by A. Parker.

Past developments in the winning, treatment and use of coal, recent trends, and coal resources are considered under the following headings: coal, population and industry; coal resources; other sources of power; uses of coal-efficiency; mining and mechanization; survey of types of coal; quality and quantity; atmospheric pollution; oils and chemicals from coal; and underground gasification.

Iron and Steel Development, by C. H. Desch.

The chief trends of development in the iron and steel industry are the construction of larger and larger units, and the increased integration of plants, taking the form of uniting all the processes from the preparation of the ore to the final rolling into sheets, joists, etc., on a single site and under a single control. The introduction and development of alloy steels is of the highest importance to the engineering industry and has led to the creation of a special class of metallurgical experts, trained in the methods of physics as well as of chemistry. The application of steel to domestic articles, steel sheet construction in the field of furniture, and the application of fusion welding to steel construction are some of the many developments discussed.

Railway and Allied Transport, by Sir William V. Wood.

A survey of the subject dealt with under the following headings: historic preface; railway track; signals, telegraphs, and telephones; buildings, canals and roads; docks and harbours; locomotives; carriages; wagons; road vehicles; steamships and motorships; aircraft; and post-war developments.

Future Development of Electrification, by J. M. Donaldson.

The possibilities of scientific advance in the future of electricity supply or electrification are considered in three sections dealing with generation, transmission and distribution, and utilization.

Section (1) discusses generation from coal; generation by water power; and generation by tidal power.

In Section (2) the conveying of electricity to the ultimate consumer is described referring to the Central Electricity Board which installs and operates the largest transmission system in this country. Rural electrification and standardization are further aspects dealt with in this section.

In Section (3) utilization is covered in regard to lighting; traction; applications of heat; the kitchen front; and telecommunications.

In conclusion, it is stated that no revolutionary improvements are likely in the sphere of transmission and distribution, but that a more widespread use of electricity will inevitably tend to reduce the price.

The Organization of Scientific Research in Great Britain, by Sir Edward V. Appleton.

A survey of the field of scientific research describing in detail the following aspects: the origin of industrial research; the importance of fundamental research; the State and the encouragement of research; and research in relation to national needs and policy.

STRUCTURE

2565

Reinforced Brickwork

ARMERADE TEGELCONSTRUKTIONER.

Hjalmar Granholm (Transactions of Chalmers University of Technology, Gothenburg, Sweden, Nr. 16, 1943. With Summary in English.) Report on tests on beams, slabs and columns made of reinforced brickwork.

For the beams three kinds of brick were used, a solid lightweight sawdust brick and two different types of hollow brick. The hollow bricks had a more uniform strength than the solid bricks. Several kinds of mortar were investigated, the results show that lean mortars should not be used in reinforced brickwork. For the brick columns solid heavyweight bricks were used. The tests have confirmed that the ultimate strength of reinforced brick columns can be determined according to the so-called addition law.

TWO AGES OF TIMBER



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The book contains a short history of the development of reinforced brickwork in various countries and gives tentative specifications and design formulae for reinforced brick beams. Practical suggestions for the construction and examples of recent jobs in reinforced brick are also included.

2566

Hospital Building

BUILDING AND STAFFING OF A MATERNITY HOSPITAL IN WARTIME. Charles Cookson. (*Journal of the Royal Sanitary Institute, April, 1946, p. 137.*) City Maternity Hospital at Gloucester, built during war. Twenty-six beds, designed for extension. Medical considerations in planning layout and equipment. Costs analysed—cost per bed, £1,170.

A short account by the Medical Officer of Health of Gloucester of the planning and construction of this hospital, and its operation under war difficulties. Some planning points are discussed from the medical point of view.

2567

Metal Door Frames

METAL DOOR FRAMES. BS 1245: 1945. (*British Standards Institution, 2s. 0d.*) Material, sizes, profile, construction, base ties, thresholds, fittings, finish.

The variety of different standards to which these products have, in the past, been made has been reduced, thus simplifying both manufacture and fixing. Some notes on fixing and painting are included and the essential information required by the supplier is set out in an Appendix.

2568

Wood Surrounds, Metal Windows

WOOD SURROUNDS FOR METAL WINDOWS. BS 1285: 1945. (*British Standards Institution, 2s. 0d.*) Design, dimensions, construction and materials of wood surrounds for metal windows conforming with BS 990.

2569

Parapet Walls

PARAPET WALLS. Fred H. Severid. (*Architectural Record, February, 1946, pp. 129-130.*) Several methods of obviating cracks.

Variations of temperature cause extreme conditions in parapet walls. They will

shrink from each free end towards the centre. The term "free" applies only at the top of the wall; the bottom is fixed at the roof line. At the corner, the pull is along each wall. The roof slab pushes the bottom corner of the parapet wall outward, the top being pulled inward.

The article shows structural details for tying parapet walls against temperature strains. As alternatives, reinforced concrete posts, with light-weight concrete planks between them, or steel railing may be used to prevent cracking.

PLUMBING and Sanitation

2570

Rural Water Supplies

SOME PROBLEMS OF WATER SUPPLIES IN RURAL AREAS AT HOME AND OVERSEAS. John H. Goodridge, G. W. Fuller, and E. B. Lockett. (*Journal of the Royal Sanitary Institute, April, 1946, p. 130.*) Rural water supply problem reviewed in light of war-time experience. Consumption estimates. Farm requirements. Requirements of distribution systems. Fire needs. Costs. Account of some war-time problems.

The first part of this paper gives views on likely rural consumptions in the future which are greatly in excess of the figures in standard text-books. From experience in the Gloucester area the authors estimate 25-35 gallons per head per day as a reasonable figure for future rural supplies. An average-sized dairy farm is estimated to require 1,200 gallons per day, with 24 cows to milk. Most engineers would agree that these figures are something near the probable minimum demands likely to be experienced once supplies are available in rural areas. The basic principles of distribution are discussed, and a minimum pipe size of 4 in. is recommended. The latter part of the paper deals with war-emergency purification and supply problems at home and overseas.

2571

Kitchen Waste

THE COLLECTION OF KITCHEN WASTE: RESULT OF EXPERIMENTS AT EAST

HAM. W. H. Price. (*Municipal Engineering, March 28, 1946, p. 186.*) Experiments to replace war-time communal refuse bin. Provision of separate containers to each household advocated. Probable cost of separate container system and advantages. Increased yield of better quality obtained. Waste collection as economic necessity.

The subject is not of direct concern to the architect, except in so far as the development of new methods of waste disposal, such as this, may influence kitchen planning, particularly in flats. The dustbin problem has always been a serious one, sometimes insufficiently evaluated in low-cost housing. Figures given make the development seem promising. Modern sanitary opinion is unanimous that the dustbin must eventually go, and the sooner the better. Here is described what seems an immediate possibility of mitigating its worst evils.

2572

Sewage Disposal

SEWERAGE AND SEWAGE DISPOSAL IN RETROSPECT AND PROSPECT. M. Lovett. (*Journal of the Institute of Municipal and County Engineers, April 2, 1946, p. 360.*) History shows how progress in sewerage and sewage disposal has lagged behind immediate needs. Vital service to community. River pollution. Should sewers carry storm water? Some disadvantages of combined drainage. Disposal works design.

The author is Chief Chemist of the West Riding of Yorkshire Rivers Board, and his paper is lengthy and authoritative. The discussion of disposal works design is outside the architect's normal scope, but much of the paper is of general interest, particularly the discussion on the relative advantages of combined and separate drainage systems. There is much confusion of thought on this subject, and those concerned with regional or local planning will find this paper of importance.

QUESTIONS and Answers

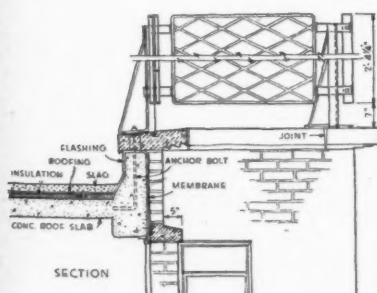
THE Information Centre answers any question about architecture, building, or the professions and trades within the building industry. It does so free of charge, and its help is available to any member of the industry. Answers are sent direct to enquirers as soon as they have been prepared. The service is confidential, and in no case is the identity of an enquirer disclosed to a third party. Questions should be sent to: **THE ARCHITECTS' JOURNAL, 13, Queen Anne's Gate, Westminster, S.W.1.**

2573

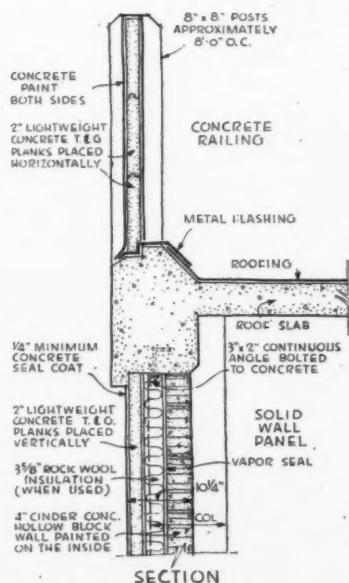
White Facing Bricks

Q I am rebuilding two war damaged houses forming part of a group which were erected about 1905 with white facings. Similar white bricks were made in the district of Broadstone and in other places in East Dorset before the war, but I cannot find any yard which now produces them. I can obtain sandlime bricks, but I think they will weather a darker grey than the clay bricks and would not look well, especially for patches in the old walls. Where can white clay bricks be obtained? Is there an information bureau for bricks?

A We do not know of any brick yard making white facing bricks for your district. We believe, however, that the

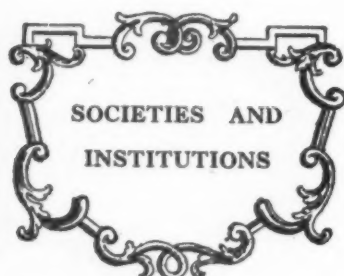


One way to prevent cracks in parapet walls is to eliminate the walls altogether as in the steel railing detail shown above developed by Voorkes Walker, Foley and Smith in a USA housing project. Right, a concrete fence is substituted for the parapet wall; concrete struts poured with the spandrel beams act as fence posts; pre-cast concrete planks set in slots in the posts, form a crack-proof wall. See No. 2569.



London Brick Co. has once more started to make warboys whites, but this is a machine made smooth faced brick and will probably not be suitable for your purpose. As an alternative, Messrs. S. & E. Collier, of Colchester, Essex, make a series of pale facing bricks under the trade name of Primrose.

During the war, the Ministry of Works maintained a register of all the brick yards operating, and we think they would be your most suitable source of information.



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

TCPA

G. B. Pittock-Buss

May 2, at the Planning Centre, 28, King Street, W.C.2. Lunch-time meeting of the Town and Country Planning Association. Talk on THE PLACE OF THE LOCAL NEWSPAPER IN COMMUNITY PLANNING, by G. B. Pittock-Buss. Chairman: Charles Dalton.

G. B. Pittock-Buss : The purely local paper can, through wise comment, informed criticism and dissemination of local news, stimulate an interest in and affection for a district or town as no other medium can do. A live local newspaper is as necessary in the old city districts that are to be replanned as it is in the new towns that have yet to be built.

In some areas the local newspaper is a live reflection of the life of that district, whereas in others the paper seems to have no interest at all in what is taking place. Such areas are usually the most thickly populated parts of Central London, where thousands of people live from necessity without any sense of attachment to that district. In the large, amorphous mass of Central London there is little sense of civic duty and pride, and the newspapers seem to contain merely reports of the local Court Proceedings and classified advertisements. Here is a real problem. It is the job of the newspapers in areas like this to make the people conscious of their community. The

starting point is to give a regular and reasoned flow of information. This will make people aware of their district and help to eradicate prejudice. It will also help the planner, one of whose aims is to build up a new sense of community. There is no other better medium for doing this work of enlightenment than the local newspaper.

There is one danger that must be avoided—talking down to the reader and assuming an air of smugness and virtue. An air of superiority on the part of the Wise Council and the Wise Editor is definitely wrong and will do harm. Full freedom of expression should be given and statement of facts and information presented with reasoned expression.

The economics of newspaper publication are of first importance. To be able to visualize the economic possibilities of a new district is the first essential in introducing a local newspaper. Therefore, in a planned new town where the number of people, the amount of trade, industry, housing, etc., are all estimated, there is scope for a really good newspaper to appear. This is a contrast to the position in the years between the wars, when the sporadic sprawl of suburban development made local newspaper enterprises and indeed, all trade, a purely speculative affair. The newspaper itself would have the interest value to the new town and would help the planner by keeping the people informed, and presenting enlightened criticism both on the development of the town and on events in the district. In many ways the local newspaper in a new town would be an excellent medium for real public relations.

Those Borough Councils who try to act in secrecy and dislike the local press should be led to a different point of view. They are responsible to the people who elected them, and matters affecting the lives of those people should be made known through the newspaper and opportunities for discussion given. It is not right that secret decisions should be made and no one be told of them. Such Borough Councils must have a wider realization of their duty to the public and of the part the local newspaper can play in helping them.

I hope that a higher standard of knowledge will soon prevail among newspaper men, as many are woefully ignorant of matters which they should know. If this happens then the time will come when the term Local Rag will be forgotten.

RIBA

Released Members

The following members have notified the RIBA that they have been released from the Services and are resuming practice and would like to receive trade catalogues, information sheets and other data.

J. H. Alleyn and J. W. M. Mansel (A.A.), Staple Inn Buildings, High Holborn, W.C.1 (Holborn 5311); Major T. F. Brown, R.E. (L), c/o Maypole Dairy Co., Ltd., Architects Dept., Maypole House, Finsbury Square, E.C.2; Capt. C. Gurney Burgess, R.E. (L), 13, Cheapside, Luton, Beds.; Commander T. N. Cartwright, D.S.C. (F), 6, Clarendon Street, Nottingham; Capt. A. E. Chaffin (L), New Road, Rainham, Essex; Joshua Clayton (F) and Mr. I. Victor Deas (A), High Row Chambers, Darlington, Co. Durham; Oliver Carey (A) (late Intelligence Corps), Architects Dept., County Hall, Hertford, Herts.; E. Hutton Crosbee (A), 21, Claremont Crescent, Edinburgh, 7; A. M. Edwards (A), 75, Rhosddu Road, Wrexham; Raymond Empsall (A), c/o Borough Engineer Surveyor, Newnham House, Home Lane, Bedford; Capt. C. H. Every (A), 14, Palace Court, Finchley Road, N.W.; Capt.

G. Edward Foote (A), Messrs. A. A. Foote & Son, 9, York Place, Edinburgh, 1 (Edinburgh 20892); J. Homery Folkes (A), Messrs. Folkes & Folkes, 34, Hagley Road, Stourbridge; Lt.-Col. R. R. Fairbairn, M.C., R.E. (A), 42, Kensington Mansions, Earls Court, S.W.5; J. G. Fogel (A), 14, Kingsgate Avenue, Finchley, N.3; G. Gneditch, M.B.E. (A), 20, Cavendish Avenue, N.W.8; Capt. A. H. Gall, R.E. (A), "Woodlands," 1, Seariserick Street, Southport; Capt. F. A. Hewitt (A), "The Mount," Marshalls Brow, Penwortham, Preston; A. G. Hanstock (A), Messrs. Walter Hanstock & Son, Bailey, Yorks.; Capt. L. Howarth, R.E. (A), 171, Bishopthorpe Road, York; G. J. C. Highet (A), 10, Bayley Street, Bedford Square, W.C.1 (Museum 4211); R. E. Hannon (L), 10, Oxford Road, West Bromwich, Staffs.; Sqdn. Ldr. Fred Herron (L), 4, Layfield Road, Brunton Park, Newcastle-upon-Tyne, 3; R. W. Johnston (A), 5, Church Hill, Edinburgh, 10; Norman W. Johnson (A), Pembroke Lodge, 8c, Upper Belgrave Road, Clifton, Bristol, 8; F. Norman James (A), 1, St. George's Gardens, Epsom; Major Thos. W. Knight, R.E. (A), Messrs. Wilkins, Arnett & Knight, 21, St. Michaels Street, Oxford (Oxford 2331); Laurence King (A), 37, Gordon Square, W.C.1; Eric Levy (A), 24, Framingham Road, Brooklands, Cheshire; Major Adrian V. Montagu, R.E. (F), 37, Gordon Square, W.C.1; A. E. I. Matthews (A), Ripley House, 10, Streatham Common, South Side, S.W.16; T. Waller Marwick (A), 54, Northumberland Street, Edinburgh, 3; Capt. Dudley G. Marsh (L), "Gara-Tor," Pigeon Lane, Eddington, Herne Bay, Kent (Herne Bay 433); G. S. Macdonald (A), 22, Manor Road, Potters Bar, Middlesex; Best Overend (A), 55-57, Latrooe Street, Melbourne, Victoria, Australia; Major R. K. Pullen (F), in partnership of Dalgleish & Pullen (F.F.), 9, Victoria Street, S.W.1 (Abbey 4416); Lt.-Col. E. F. Peat (A), c/o Westminster Bank, Newport, I.O.W.; Flight/Lt. J. A. Rowe (A), with Messrs. Abbey & Hanson, 11, Cloth Hall Street, Huddersfield; R. K. Rutherford (A), 41, Edwardes Square, W.8; Major D. H. S. Prince, R.E. (A), "Threeways," Felpham, Sussex; R. Seifert (F), 24, Buchanan Buildings, High Holborn, E.C.1 (Hol. 7036); Major W. T. Sutherland (A), 47, Great King Street, Edinburgh, 3; Sub-Lt. Harry G. Speakman, R.N.V.R., c/o The Manager, Williams Deacons Bank, Ltd., Leigh, Lancs.; Lt. J. R. Stammers, R.N.V.R. (A), 37d, St. Johns Avenue, Putney, S.W.; Richard Turley (A), A.M.P.T.I., 49, Jesmond Road, Newcastle-upon-Tyne, 2; A. Underhill (A), 103, South End Road, Hampstead, N.W.3 (given incorrectly in a previous list as 105); B. G. Whatmough (L), 93, Lingfield Crescent, Eltham, S.E.9; C. Wooster (A), 26, Lancaster Gardens, Ealing, W.13; R. Paxton Watson (F), 57, London Road, Reigate, Surrey, and 7, Grays Inn Square, W.C.1; Lt. Cmdr. Duncan Wyllson, R.N.V.R. (A), Caroline Place Mew, Bayswater, W.2 (Bayswater 2219).

Announcements

Mr. H. Fedeski, A.R.I.B.A., DIP.T.P., A.M.T.P.I., has recently taken up the appointment of Director of Housing for the Borough of Royal Leamington Spa, and would be pleased to receive trade catalogues, etc., at the following address: Town Hall Annex, 3, Regent Grove, Leamington Spa. Mr. W. W. Thomas, A.R.I.B.A., has been appointed Schools' Architect to the Education Committee of the County Borough of Doncaster. Trade catalogues requested addressed to his offices: Wood Street, Doncaster.

Messrs. James & Bywaters and Rowland Pierce, Chartered Architects & Surveyors, of 5, Bloomsbury Street, W.C.1, have taken into partnership Mr. W. W. Atkinson, A.R.I.B.A., A.A.(HONS.)DIP. The name of the firm will remain unchanged.

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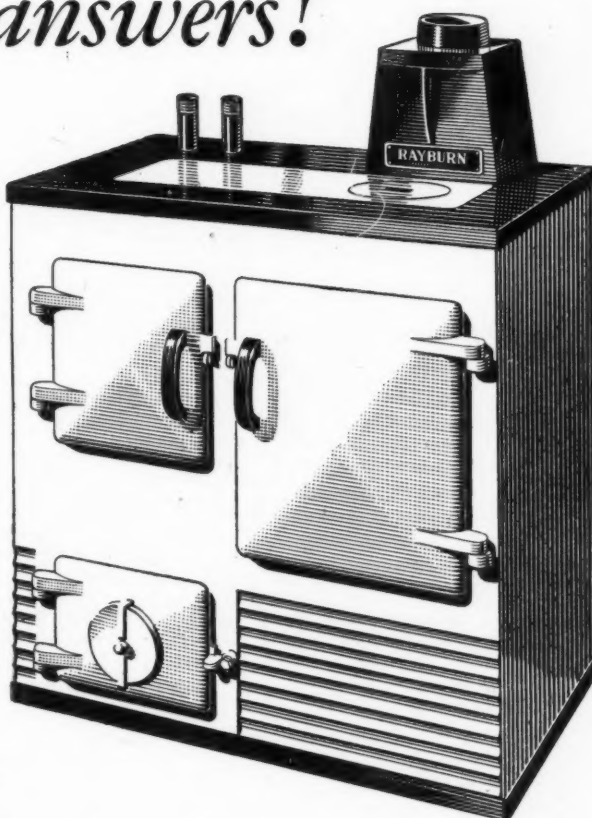
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- As it burns all night hot water in the morning is automatic.
- There is no boiler or oven damper to manipulate, and the fire is easily controlled by a spin valve.
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Mr. J. Middlebrook, of Rawlinson Road, Southport, Lancs., has been appointed to the Colonial Service as a Field Officer in Tanganyika Territory. A Fellow of the Incorporated Association of Architects and Surveyors and a Fellow of the Incorporated Society of Auctioneers and Landed Property Agents, he was commissioned in 1940 in the Army, and since 1943 has been serving with the Lands Branch, Southern Command.

The Design and Industries Association have moved to 9, Conduit Street, W.1.

Having now taken up duties as Architect to the Doncaster Co-operative Society, Ltd., Mr. G. W. Baker, L.R.I.B.A., will be glad to receive trade catalogues and data relating in particular to shop premises and stores, garages, dairies, bakeries, offices, and housing. All communications to be addressed to Mr. Baker at the Head Office, Doncaster Co-operative Society, Ltd., 1, John Street, Doncaster.

Messrs. Pickering, Limited, electric lift, hoist and crane manufacturers, of Globe Elevator Works, Stockton-on-Tees, have opened their own offices in Glasgow, at 131, West Regent Street, for the sale and service of electric passenger and goods lifts and hoists. The telephone number is Douglas 4940.

Mr. Septimus Warwick, F.R.I.B.A., has taken Mr. Geoffrey W. Banfield, A.R.I.B.A., into partnership. The practice will be continued at Nos. 2, 3 and 4, Cockspur Street; London, S.W.1, under the style of Messrs. Septimus Warwick and Partners. Telephone Whitehall 8263.

Messrs. Lanchester & Lodge, F.F.R.I.B.A., of 10, Woburn Square, London, W.C.1, have taken into the firm as partners the following four senior members of their staff, A. Johnson, F.R.I.B.A., N. S. Morris, A.R.I.B.A., O'B. J. L. Rowe, A. Writer, A.R.I.B.A. They have been with the firm for many years and the practice will continue on exactly the same lines as in the past.

Tarran Industries' London office is now at 32, Duke Street, S.W.1. Please send building trade catalogues and all information on new materials, building components and assemblies, mechanical equipment and latest structural methods, devices, etc., to Miss M. Lloyd, librarian to the firm.

Mr. Ove N. Arup is now acting solely in his capacity of consulting engineer, having resigned his directorships of Messrs. Arup & Arup, Ltd., and Pipes, Ltd., and disposed of his shareholdings in these companies. His offices are still at Colquhoun House, Broadwick Street, W.1. Telephone, Gerrard 1402-3.

Mr. S. H. Loweth, F.S.A., F.R.I.B.A., county architect, of Kent, has been elected an Honorary Corresponding Member of the Brazilian Institute of Architects.

Messrs. J. H. Allyn and J. W. M. Mansel, A.A.R.I.B.A., after release from war service have resumed practice and will be pleased to receive trade catalogues, etc., at their new address: Staple Inn Buildings, High Holborn, London, W.C.1. (Holborn 5311.)

Mr. Denis Clarke Hall, A.R.I.B.A., A.A.D.P., has been released from the services and is re-starting his practice at No. 29, Sackville Street, London, W.1.

Mr. Stanley Meyrick, DIPL.ARCH.(LIVERPOOL), A.R.I.B.A., has been released from the Army and would be pleased to receive trade catalogues at 63, Victoria Street, St. Albans, Herts.

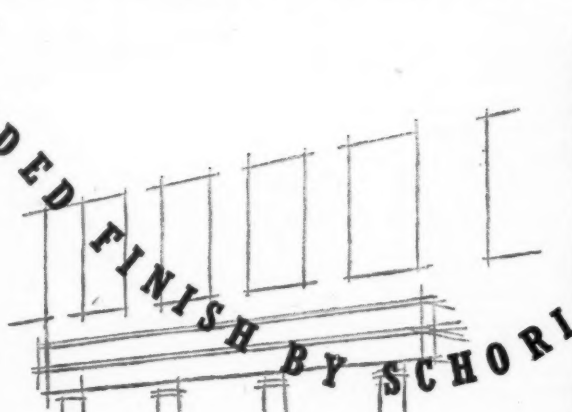
Correction

In the announcement of the appointment of Mr. Allan W. Vincent as Borough Architect and Planning Officer of Harwich, published on page 335 of our issue for May 2, there was an error in describing him as associate-member of the Chartered Surveyor's Institution. This should have read, Chartered Surveyor's Institution (inter).

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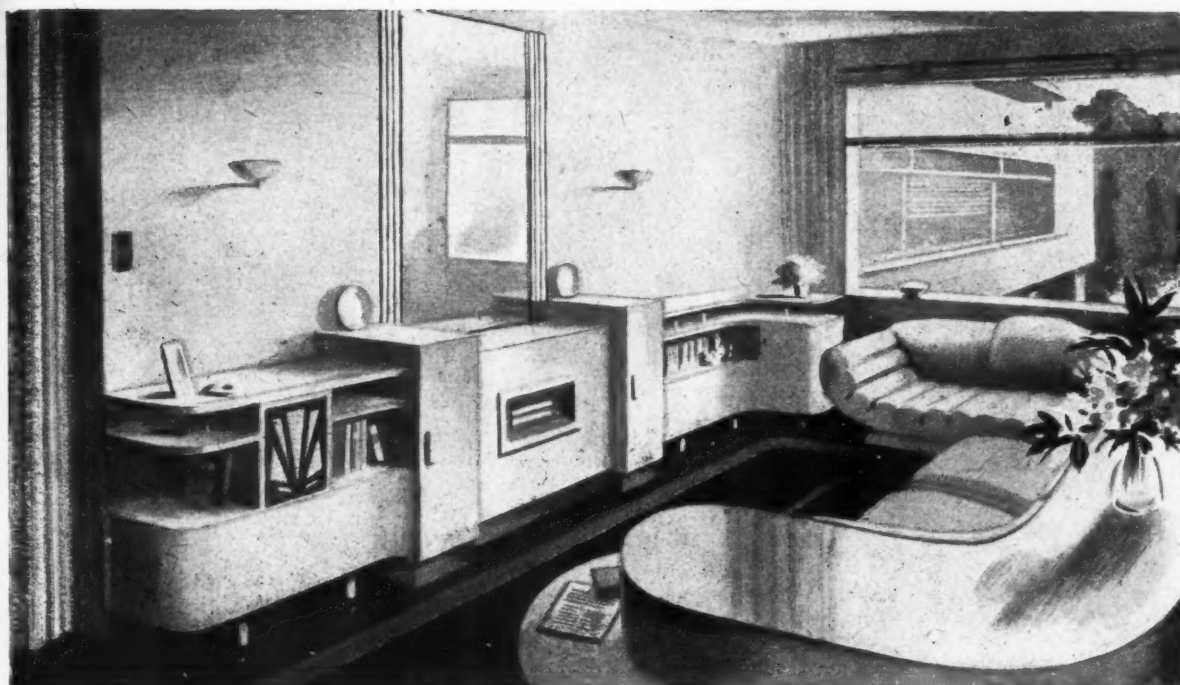
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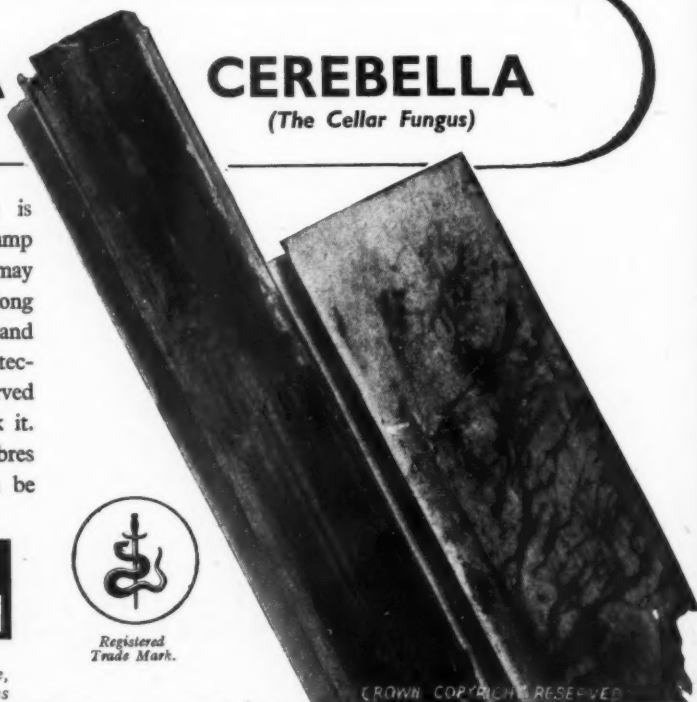
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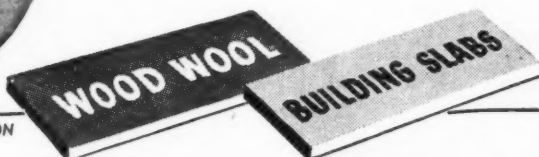
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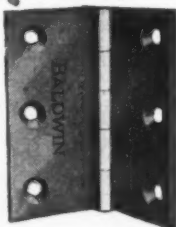
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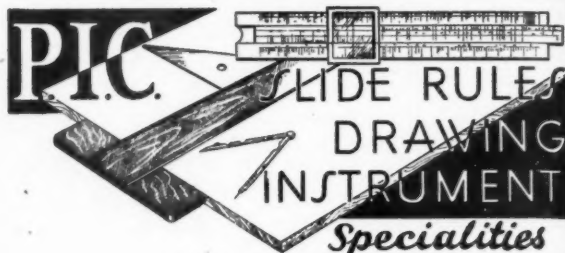


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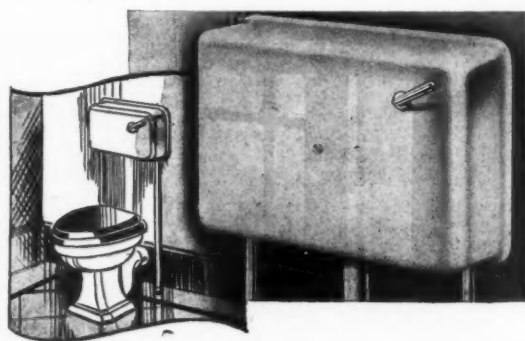


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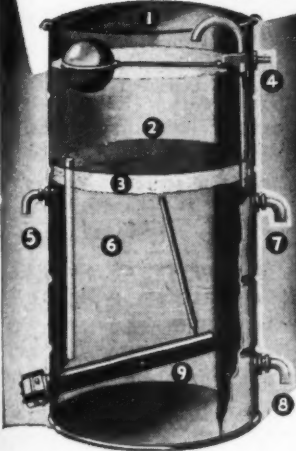
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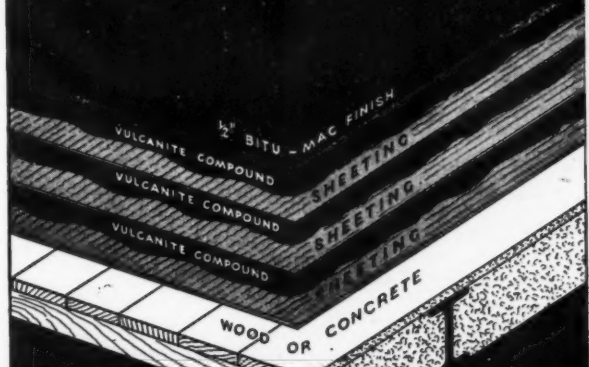
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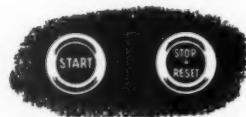
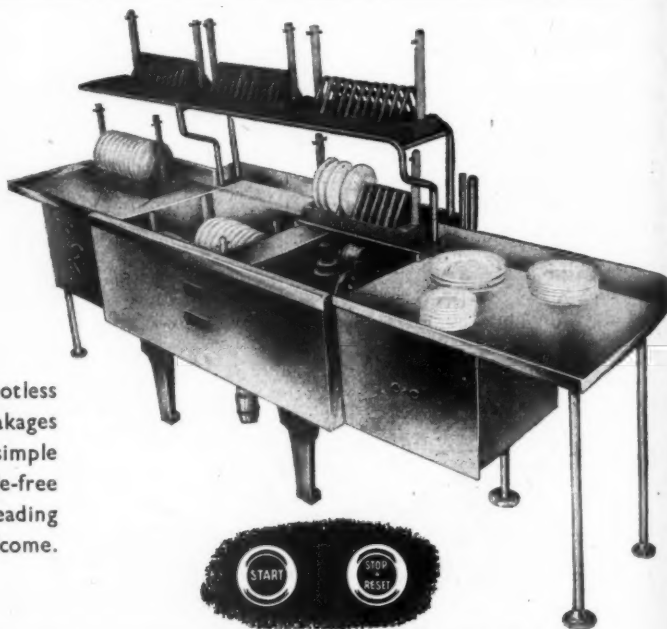
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CLASSIFIED ADVERTISEMENTS

Advertisements should be addressed to the Advt. Manager, "The Architects' Journal." War Address: 45 The Avenue, Cheam, Surrey, 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," War Address: 45 The Avenue, Cheam, Surrey.

Public and Official Announcements

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

THE INCORPORATED ASSOCIATION OF ARCHITECTS AND SURVEYORS maintains a register of qualified architects and surveyors (including assistants) requiring posts, and invites applications from public authorities and private practitioners having staff vacancies. Address: 75, Eaton Place, London, S.W.1. Tel.: SLOANE 5515. 991

BOROUGH OF LUTON.

BOROUGH ENGINEER'S DEPARTMENT:
TECHNICAL STAFF.

Applications are invited for the following appointments:—

(a) ESTATES AND MAINTENANCE ASSISTANT. Salary £500 per annum, rising by annual increments of £25 to £600 per annum.

(b) ARCHITECTURAL ASSISTANT. Salary £420 per annum, rising by annual increments of £20 to £480 per annum.

(c) ASSISTANT QUANTITY SURVEYOR. Salary £420 per annum, rising by annual increments of £20 to £480 per annum.

(d) ARCHITECTURAL ASSISTANT. Salary £330 per annum, rising by annual increments of £15 to £375 per annum.

The appointments will be temporary in the first instance, with prospects of transfer to the permanent staff. A temporary cost-of-living bonus, at present at the rate of £59 16s. per annum, is payable in respect of each appointment, and all appointments will be subject to the provisions of the Local Government Superannuation Act, 1937.

Applicants for appointment (a) must have had an extensive experience in the maintenance of buildings of all descriptions and in estate work, including valuations, and be A.R.I.B.A. or F.A.S.I. The person appointed will be required to provide and maintain a car, for which an allowance will be paid at the rate of £60 per annum.

For appointment (b) applicants must be A.R.I.B.A. and have had extensive experience, particularly in the development of housing schemes.

For appointment (c) applicants must have had extensive experience of quantity surveying and be F.A.S.I. or A.I.Q.S.

For appointment (d) applicants should have made specific progress in obtaining a recognized professional qualification.

Applications, stating age, qualifications and experience, together with copies of not more than three recent testimonials, should be delivered, suitably endorsed, to the Borough Engineer, Town Hall, Luton, not later than Saturday, 8th June, 1946. Canvassing, either directly or indirectly, will disqualify.

W. H. ROBINSON,

Town Clerk.

Town Hall, Luton.
15th May, 1946. 729

GOVERNMENT OF NORTHERN IRELAND.

ASSISTANT ARCHITECTS FOR HOUSING
AND TOWN PLANNING.

Applications are invited for posts of ASSISTANT ARCHITECT in the Ministry of Health and Local Government. The appointments will be temporary, but so far as can be foreseen will last for several years.

Remuneration: The successful candidates will be remunerated within the salary range (£350-£550 per annum), and the commencing salary within this range will be fixed according to qualifications and experience. In addition a bonus, varying between £78 and £90 per annum, is at present payable.

Qualifications: Candidates must have passed the Final (Associateship) Examination of the Royal Institute of British Architects; in addition they should (a) have experience in up-to-date house design and layout and preferably some experience of planning work, or (b) possess a recognised qualification in town planning or have good experience of town planning.

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

Closing date for receipt of applications: Applications must reach the Assistant Secretary (Establishments), Ministry of Finance, Stormont, Belfast, on or before the 14th June, 1946.

Applicants should state date of birth, give full particulars of qualifications and experience, and enclose copies of two recent testimonials. 759

BOROUGH OF MALDEN AND COOMBE.

TOWN PLANNING ASSISTANT.

Applications are invited from Corporate Members of the Town Planning Institute for the above appointment, at a salary (including London weighting) of £440 per annum, rising by three annual increments of £15 to £485, plus temporary cost of living bonus, at present £59 16s.

The appointment is in Grade IV of the National A.P.T. Scale, is terminable by one month's notice on either side, and will be subject to the provisions of the Local Government Superannuation Act, 1937, the successful candidate being required to pass a medical examination.

Preference will be given to candidates who, in addition, hold a recognized qualification as an architect, surveyor, or engineer, and candidates must have had experience in the preparation and administration of planning schemes.

Applications, giving particulars of age, experience, present and previous appointments with salaries, accompanied by copies of not less than two recent testimonials, endorsed "Town Planning Assistant," should be delivered to the undersigned not later than Monday, 17th June, 1946.

The Council will provide the successful candidate with housing accommodation if deemed necessary.

Candidates when making application, must disclose in writing to the undersigned whether to their knowledge they are related to any member of or the holder of any office under the Council. Canvassing, directly or indirectly, will be a disqualification.

HAROLD E. BARRETT,

Municipal Offices, New Malden, Surrey. 730
15th May, 1946.

URBAN DISTRICT COUNCIL OF
BILLERICAY.

SURVEYOR'S DEPARTMENT.

APPOINTMENT OF CHIEF BUILDING
INSPECTOR.

Applications are invited for the appointment of Chief Building Inspector (established), at a commencing salary of £350 per annum, rising by annual increments of £15 to £405 per annum, plus cost-of-living bonus, at present £59 16s. per annum. The person appointed will be required to provide and maintain a motor car, for which a travelling allowance of £58 per annum will be paid.

Applicants must hold the Building Inspector's Certificate of the Institute of Municipal and County Engineers or equivalent qualifications, and have had considerable experience as a Building Inspector to a Local Authority.

Applications, on forms to be obtained from the Surveyor, Council Offices, Billericay, together with copies of three recent testimonials, to be forwarded to the undersigned by not later than 7th June, 1946, and be endorsed Chief Building Inspector.

Canvassing, directly or indirectly, will disqualify.

A. HATT,

Council Offices, Billericay. 747
21st May, 1946.

URBAN DISTRICT OF HARROW.

APPOINTMENT OF ARCHITECTURAL ASSISTANT AND QUANTITY SURVEYORS.

Applications are invited for the undermentioned permanent appointments in the Architectural Section of the Engineer and Surveyor's Department:—

(a) ARCHITECTURAL ASSISTANT. (Grade A.P.T.IV, salary scale, £440-£485 per annum, plus cost-of-living bonus £59 16s.)

Applicants should have had experience in the preparation of schemes for houses and flats, and should preferably have had general experience in the architectural work of a local authority. A knowledge of education work will be an advantage, and will be considered as an alternative to housing experience.

(b) QUANTITY SURVEYOR. (Grade A.P.T.V, salary scale £480-£530 per annum, plus cost-of-living bonus £59 16s.)

(c) ASSISTANT QUANTITY SURVEYOR. (Grade A.P.T.III, salary scale £410-£455 per annum, plus cost-of-living bonus £59 16s.)

Applicants for (b) and (c) must have had experience in the preparation of bills of quantities, specifications, estimates, and the settlement of final measurements.

Preference will be given to all candidates for the foregoing appointments, who hold appropriate and recognized qualifications.

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

Applications, on forms to be obtained from the undersigned, must be returned not later than Tuesday, 11th day of June, 1946.

H. WELLS,

Council Offices, Harrow Weald Lodge,
Harrow Weald, Middlesex. 732
15th May, 1946.

CITY OF LIVERPOOL.

ARCHITECTURAL AND HOUSING
DEPARTMENT.

The Council of the City of Liverpool invite applications from (a) Members of the Royal Institute of British Architects, and (b) Members of the Surveyors' Institution for the following positions in the Architectural and Housing Department at the salaries shown, viz.:—

(a) CHIEF HOUSING ARCHITECT. Salary £900 per annum, plus war bonus.

(b) CHIEF SURVEYOR. Salary £850 per annum, plus war bonus.

(c) QUANTITY SURVEYOR. Salary £450 per annum, plus war bonus.

(d) ASSISTANT SURVEYOR. Salary £400 per annum, plus war bonus.

Applicants, whose age must not exceed 40 years, must have had professional experience, preferably in local or central Government service.

The appointments will be subject to the provisions of the Local Government Superannuation Act, 1937, and the Standing Orders of the City Council, which include requirements to pass a medical examination, to devote whole time to the duties of the respective appointments, and to reside within the City.

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

Applications, on forms to be obtained from the City Architect and Director of Housing, Blackburn Chambers, Dale Street, Kingsway, Liverpool, 2, accompanied by copies of three recent testimonials, must be addressed to the City Architect and Director of Housing (endorsed with the description of the post applied for, e.g., "Chief Housing Architect"), and should be received on or before the 20th June, 1946.

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

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

W. H. BAINES,

Town Clerk.

Liverpool, 2.
May, 1946. 731

CITY OF NOTTINGHAM.

ARCHITECTURAL ASSISTANT—HOUSING
ARCHITECT'S DEPT.

Applications are invited for the appointment of an Architectural Assistant in the Housing Architect's Department, at a salary of £350, rising to £450 by annual increments of £25, plus cost-of-living bonus, at present £59 16s. per annum.

Candidates should have had considerable experience of housing work under a Local Authority, and preference will be given to an Associate of the R.I.B.A.

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

Applications, stating age and experience, together with copies of three recent testimonials, to be delivered to the undersigned and endorsed "Architectural Assistant, Housing Department," not later than the 19th day of June, 1946.

J. E. RICHARDS,

Town Clerk.

The Guildhall, Nottingham. 760

CAERNARVONSHIRE JOINT PLANNING
COMMITTEE.

Applications are invited for the following permanent appointments:—

(a) SENIOR PLANNING ASSISTANT, generally experienced in the preparation of planning schemes and the control of interim development, with Town Planning or Architectural qualifications, at a salary of £420 p.a., rising to £465 p.a. by annual increments of £15, plus war bonus.

(b) DRAUGHTSMAN, with experience in architectural design and preparation of maps and drawings, at a salary of £315 p.a., rising to £360 by annual increments of £15, plus war bonus.

(c) DRAUGHTSMAN, with experience in the preparation of maps and drawings, at a salary of £255 p.a., rising to £300 by annual increments of £15, plus war bonus.

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

Applications, stating age, past and present appointments, details of experience and qualifications, accompanied by copies of three recent testimonials, should be delivered to the undersigned not later than Saturday, the 15th June, 1946.

GWILYM T. JONES,

Clerk of the Joint Planning Committee,
County Offices, Caernarvon. 748
17th May, 1946.

BURGH OF GREENOCK.

APPOINTMENT OF TECHNICAL STAFF TO MASTER OF WORKS DEPARTMENT.

The Corporation of Greenock invite applications for the following positions in the Department of the Master of Works, viz.:-

(1) **THREE SENIOR ARCHITECTURAL ASSISTANTS**, at a commencing salary of £400 per annum, rising by annual increments of £20 to £470 per annum, plus war bonus. Applicants must be Registered Architects, and experienced in Housing and General Architectural Work.

(2) **ONE JUNIOR ARCHITECTURAL ASSISTANT**, at a commencing salary of £250 per annum, rising by annual increments of £15 to £325 per annum, plus war bonus. Applicants must be neat, expeditious draughtsmen, with experience in Housing and General Architectural Work.

(3) **TWO SENIOR ENGINEERING ASSISTANTS**, at a commencing salary of £400 per annum, rising by annual increments of £20 to £470 per annum, plus war bonus. Applicants must be Associate Members of either the Institution of Civil Engineers or the Institute of Municipal and County Engineers, and must have extensive experience in Highway Engineering and Sewerage, and in the Setting Out and Measuring of Contractors' Work.

(4) **ONE SENIOR TOWN PLANNING ASSISTANT**, at a commencing salary of £400 per annum, rising by annual increments of £20 to £470 per annum, plus war bonus. Applicants must have extensive experience in the preparation of a Town Planning Scheme and of the Administration of Interim Development Control, and should have a recognized Town Planning Engineering or Architectural qualification.

(5) **ONE JUNIOR TOWN PLANNING ASSISTANT**, at a commencing salary of £250 per annum, rising by annual increments of £15 to £325 per annum, plus war bonus. Applicant must be competent Surveyor and Leveller, and preference will be given to candidate with previous experience in the preparation of a Town Planning Scheme.

All the above appointments are upon the permanent staff of the Corporation, and are subject to one month's notice on either side. Successful applicants will be required to pass a medical examination, and to contribute to the Corporation's Superannuation Fund under the provisions of the Local Government Superannuation (Scotland) Act, 1937.

Applications, endorsed according to vacancy applied for, stating age, qualifications, experience, and accompanied by copies of not more than three recent testimonials, should be forwarded to the undersigned not later than Saturday, 15th June, 1946.

A. H. GRAY, Town Clerk.

Municipal Buildings, Greenock. 743
18th May, 1946.

CITY AND COUNTY OF KINGSTON-UPON-HULL.

APPOINTMENT OF ASSISTANT ARCHITECTS AND QUANTITY SURVEYORS.

Applications are invited for the following permanent appointments:-

(a) **THREE ASSISTANT ARCHITECTS (Grade III)**, £390-£435, by annual increments of £15, plus bonus.

(b) **ONE ARCHITECTURAL ASSISTANT (Grade I)**, £330-£375, by annual increments of £15, plus bonus.

(c) **TWO QUANTITY SURVEYORS (Grade III)**, £390-£435, by annual increments of £15, plus bonus.

The above grades are in the national scale of salaries, and the cost-of-living bonus is at present £59 19s. 3d. per annum.

Candidates for the appointment as Assistant Architects should be Associates of the Royal Institute of British Architects, and should preferably have had experience in the type of work carried out by local authorities, i.e., housing, schools, hospitals, police stations, etc. The Architectural Assistant must at least be a student member.

Candidates for appointment as Quantity Surveyors should be Members by examination of the Chartered Surveyors' Institution (Quantities Section), and preference will be given to those with experience of land surveying.

The whole of the appointments will be subject to the Local Government Superannuation Act; to one month's notice on either side, and to the successful candidate passing a medical examination. Application forms can be obtained from the undersigned, and should be sent in completed, together with copies of three recent testimonials, on or before 1st July, 1946.

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

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

ANDREW RANKINE, A.R.I.B.A., City Architect.

Guildhall, Kingston-upon-Hull. 755

COUNTY BOROUGH OF HUDDERSFIELD.

BOROUGH ARCHITECT'S DEPARTMENT.

APPOINTMENT OF TECHNICAL STAFF.

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

(a) **SENIOR ASSISTANT ARCHITECT**, at a salary of £535 per annum, rising by two annual increments of £20 and one of £25 to a maximum of £600 per annum, plus cost-of-living war bonus, at present £59 16s. per annum. Applicants should be Associates R.I.B.A., and be capable designers, able to take charge of contracts, and should have had considerable experience in Housing and the General Architectural Work of a Local Authority.

(b) **TWO ASSISTANT ARCHITECTS**, at a salary of £460 per annum, rising by two annual increments of £15 and one of £20 to a maximum of £510 per annum, plus cost-of-living war bonus, at present £59 16s. Applicants should be Associates R.I.B.A., with experience in Housing and the General Architectural Work of a Local Authority.

(c) **TWO ARCHITECTURAL ASSISTANTS**, at a salary of £360 per annum, rising by three annual increments of £15 to a maximum of £405 per annum, plus cost-of-living war bonus, at present £59 16s. Applicants should be experienced in the preparation of working drawings and details, surveying and levelling.

(d) **ASSISTANT QUANTITY SURVEYOR**, at a salary of £350 per annum, rising by three annual increments of £15 to a maximum of £375 per annum, plus cost-of-living bonus, at present £59 16s. Applicants should have experience in the preparation of Bills of Quantities, Specifications and Accounts, and previous municipal experience will be an advantage.

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

Applications, stating clearly which appointment is applied for, and giving full details of age, qualifications, experience, and earliest date on which applicants could take up duty, together with copies of not more than three recent testimonials; should reach the Borough Architect, High Street Buildings, Huddersfield, not later than Monday, 17th June, 1946.

Applicants in H.M. Forces may name persons to whom reference may be made in lieu of submitting testimonials.

HARRY BANN, Town Clerk. 780

Town Hall, Huddersfield.

CITY AND COUNTY OF CANTERBURY.

APPOINTMENT OF SENIOR TOWN PLANNING ASSISTANT.

Applications are invited for the position of Senior Town Planning Assistant in the office of the City Surveyor.

Applicants must have passed the final examination of the Town Planning Joint Examination Board, and be fully experienced in the preparation and administration of Town Planning Schemes.

The salary scale is £460, rising by two annual increments of £15 and a final increment of £20 to a maximum of £510 a year, plus cost-of-living bonus (at present £59 16s.).

The appointment is to the permanent staff, is subject to one month's notice on either side, and to a medical examination.

Applications, endorsed "Senior Town Planning Assistant," giving age, full particulars of experience and qualifications, and the names of three persons to whom reference may be made, should be received by Mr. H. M. Enderby, O.B.E., M.Inst.M. & Cy.E., City Surveyor and Planning Officer, not later than 22nd June, 1946.

J. BOYLE, Town Clerk.

Municipal Buildings, Canterbury. 527
6th April, 1946.

ESSEX EDUCATION COMMITTEE.

SOUTH-EAST ESSEX TECHNICAL COLLEGE AND SCHOOL OF ART.

Applications are invited for the permanent post of full-time LECTURER IN ARCHITECTURE.

Candidates should possess some practical experience and a recognised qualification in Architecture; preference will be given to those with a Degree or Diploma in Architecture, and an additional qualification in Town Planning or Surveying.

In accordance with the qualifications of the successful candidate, the post may be either (a) a post of special responsibility, basic salary £300×£15-£325, according to teaching and professional experience, plus responsibility allowance £50-£100, or (b) subject to the approval of the Ministry of Education, a Senior Assistantship, salary £600×£25-£750.

London allowance up to £48 per annum will be paid in either case, and allowance for full time study or training where applicable.

Forms of application (stamped addressed envelope) may be obtained from the Clerk to the Governors, South-East Essex Training College, Longbridge Road, Dagenham, to whom they should be returned as soon as possible.

B. E. LAWRENCE, Chief Education Officer.

County Offices, Chelmsford. 777

SURREY COUNTY COUNCIL.

APPOINTMENT OF CHIEF QUANTITY SURVEYOR.

Applications are invited for the appointment of Chief Quantity Surveyor. The salary will be £900 per annum, rising by annual increments of £25 to a maximum of £1,000 per annum, plus war bonus.

Applicants must be members of the Surveyors' Institution (Quantities Section), and should have a wide experience in the preparation of approximate estimates and bills of quantities, adjustment of accounts, and other works which are incidental to the position of Chief Quantity Surveyor in a Local Government Department. The successful applicant will be expected to possess tact and initiative, and be experienced in the control of staff.

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

Applications, stating age, full details of previous experience, and qualifications, accompanied by copies of three recent testimonials, and the names of three referees, should be sent to the County Architect, Surrey County Council, County Hall, Kingston-on-Thames, not later than Friday, the 21st June, 1946.

DUDLEY AUKLAND, Clerk of the Council.

County Hall, Kingston-on-Thames. 774

WEST MIDLANDS JOINT ELECTRICITY AUTHORITY.

APPOINTMENT OF ARCHITECTURAL DRAUGHTSMAN.

The above-named Authority invite applications for the position of Architectural Draughtsman, on the permanent staff of the Authority, at a salary of £467 per annum, subject to future adjustments for variations in the cost of living.

Experience in the preparation of working drawings, detailed specifications, estimates and quantities is essential.

Possession of an architectural degree or diploma will be an advantage.

The appointment will be subject to the Authority's Superannuation Scheme under the Local Government Superannuation Act, 1937, and the selected candidate will have to pass a medical examination.

Applications, stating age, education, experience and present occupation, accompanied by copies of three recent testimonials, and endorsed "Architectural Draughtsman," should reach the undersigned not later than the 10th June, 1946.

Canvassing, either directly or indirectly, will disqualify.

H. F. CARPENTER, Clerk and Manager.

Phoenix Buildings, Dudley Road, Wolverhampton. 768
20th May, 1946.

COUNTY BOROUGH OF ROTHERHAM.

ARCHITECTURAL ASSISTANTS.

Applications are invited for the following appointments, in the Borough Engineer's Department:-

One Senior Architectural Assistant, at a commencing salary of £535 per annum, rising (subject to satisfactory service) to £600 per annum, plus cost-of-living bonus.

One Architectural Assistant, at a commencing salary of £420 per annum, rising (subject to satisfactory service) to £465 per annum, plus cost-of-living bonus.

Applicants must be Associate Members of the Royal Institute of British Architects, and preferably with experience in the service of a Local Authority.

Applications, stating age, qualifications, and experience, accompanied by copies of recent testimonials, must be delivered to Vincent Turner, M.Inst.C.E., Borough Engineer, Rotherham, not later than 14th June, 1946.

The successful applicants will be required to pass medical examinations, and to accept the Council's superannuation, sick pay, and other service conditions.

JOHN S. WALL, Town Clerk. 754

May, 1946.

UNIVERSITY OF DURHAM.

KING'S COLLEGE, NEWCASTLE-UPON-TYNE.

LECTURER IN THE DEPARTMENT OF ARCHITECTURE.

The Council of King's College invite applications for the post of Lecturer in Architecture. Salary not less than £600, according to qualifications and experience.

Ten copies of application, which should include the names of three persons to whom reference may be made, should be sent not later than Saturday, 15th June, 1946, to the undersigned, from whom further particulars may be obtained.

G. R. HANSON, Registrar of King's College. 776

BOROUGH OF STOCKTON-ON-TEES.
BOROUGH ARCHITECT'S DEPARTMENT.
AMENDED ADVERTISEMENT.

Applications are invited for the appointment of ASSISTANT ARCHITECT or QUANTITY SURVEYOR, at a salary of £360-£15-£405, plus cost-of-living bonus (at present £59 16s. per annum).

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

Applications, stating age, qualifications and experience, together with copies of not more than three recent testimonials, should reach me not later than 18th June, 1946.

ERIC BELLINGHAM,
Town Clerk.

Barclays Bank Chambers, 49, High Street,
 Stockton-on-Tees. 761
 21st May, 1946.

COUNTY BOROUGH OF SOUTHAMPTON.
APPOINTMENT OF TOWN PLANNING ASSISTANT.

Applications are invited for the appointment of an Architect in the Town Planning Branch of the Borough Architect's Department, at a salary of £390, rising by three annual increments of £15 to £435 per annum, plus cost-of-living bonus, amounting to £59 16s. per annum. The appointment will be temporary in the first instance.

Preference will be given to candidates who have taken a recognised course in Town Planning, and who are qualified for membership of the Town Planning Institute, or have taken the Intermediate Examination.

Applications in writing, stating age, qualifications and experience, accompanied by copies of two recent testimonials, should be made to Mr. Denis Winston, M.A., B.Arch., A.R.I.B.A., M.T.P.I., Borough Architect, Civic Centre, Southampton, to reach the above not later than Wednesday, 12th June, 1946.

R. RONALD H. MEGGESON,
Town Clerk.

Civic Centre, Southampton. 763
 20th May, 1946.

COUNTY BOROUGH OF CROYDON.

CLERKS OF WORKS.

Applications for these temporary appointments are invited from persons with wide experience in supervising contracts for public buildings, including housing schemes.

Salary £8 per week, plus cost-of-living bonus (at present 23s.).

Applications, giving age and experience, with copies of two recent testimonials, to be received by the Borough Engineer not later than 9th June, 1946.

E. TABERNER,
Town Clerk.

Town Hall, Croydon. 758

MIDLOTHIAN COUNTY COUNCIL.

Applications are invited for the post of TECHNICAL ASSISTANT, in the County Planning Department. Applicants must have had practical experience in surveying, revision of ordnance maps, and preparation of planning schemes. Preference will be given to candidates having experience in town planning, and who hold the Associate Membership of the Town Planning Institute. Salary scale £350, by annual increments of £25 to £500 per annum, plus bonus (maximum £75 to £90 per annum). Placing on the scale may be given according to qualifications and experience.

The appointment, which will be a whole-time one, is subject to the provisions of the Local Government Superannuation (Scotland) Act, 1937. Applications, stating age, qualifications and experience, with one copy of three recent testimonials, should be lodged with the subscriber not later than 22nd June, 1946.

JAMES McBOYLE,
County Clerk.

County Rooms, George IV Bridge,
 Edinburgh. 762

SURREY COUNTY COUNCIL.

Applications are invited for the appointment of ASSISTANT QUANTITY SURVEYOR, Class 2. The salary will be £500, rising by annual increments of £20, to a maximum of £600 per annum. There is, in addition, war bonus (at present £59 16s. per annum).

Applicants should be members of the Surveyors' Institute (Quantities Section), and should have had an adequate experience in taking-off Quantities for all trades and have also had good experience in measuring up and in preparing final Bills.

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

Applications, stating age, qualifications and detailed experience, accompanied by three recent testimonials, should be sent to the County Architect, Surrey County Council, County Hall, Kingston-on-Thames, not later than Friday, 7th June, 1946. 697

COUNTY COUNCIL OF THE COUNTY OF LANARK.

PLANNING ASSISTANTS.

(a) SENIOR PLANNING ASSISTANT. Salary £525-£25-£625, plus £90 cost-of-living bonus per annum.

Candidates should be corporate members of the Town Planning Institute, and hold an additional recognized professional qualification. A thorough knowledge of the Town and Country Planning Acts and the Restriction of Ribbon Development Acts is essential. Possession of a motor car will be an advantage.

(b) GRADE III ASSISTANTS. Salary £425-£25-£500, plus £90 cost-of-living bonus per annum.

Candidates should hold a recognized professional qualification, and preference will be given to those who are, in addition, corporate members of the Town Planning Institute.

(c) Grade II ASSISTANTS. Salary £330-£20-£390, plus £78/67 cost-of-living bonus per annum.

Candidates should have a recognized professional qualification, and should be connected with the Town Planning Institute.

(d) GRADE I ASSISTANTS. Salary £250-£20-£310, plus £78 cost-of-living bonus per annum.

Candidates should hold a recognized professional qualification, and preference will be given to those who are connected with the Town Planning Institute.

(e) TECHNICAL ASSISTANTS. Salary £170-£20-£220, plus £78 cost-of-living bonus per annum.

Preference will be given to candidates who are connected with a recognized professional institution.

Recognised qualifications are A.M.Inst.C.E., M.Inst.M. & Cy.E., A.R.I.B.A., P.A.S.I., by examination.

The posts are superannuated, and candidates will have to pass a medical examination. Placing in the salary grade will be in accordance with qualifications and experience.

Applications, stating age, qualifications, and experience, particularly in relation to Town and Country Planning and Restriction of Ribbon Development Acts, and accompanied by three recent testimonials, should be forwarded to the County Road Surveyor, County Offices, Hamilton, as soon as possible.

WM. C. BROWNLEE,
County Clerk.

Lanarkshire House, Glasgow, C.I. 746

BOROUGH OF SOUTHGATE.

APPOINTMENT OF ARCHITECTURAL ASSISTANT (TEMPORARY).

Applications are invited for the appointment of an Architectural Assistant in the Architectural Section of the department of the Borough Engineer and Surveyor, at a salary at the rate of £450 per annum, plus cost-of-living bonus, at present £59 16s. per annum.

The appointment will be temporary, and for a period of not exceeding two years in the first instance, and will be subject to one month's notice on either side.

Preference will be given to candidates who are members of the Royal Institute of British Architects or hold an equivalent qualification, and previous experience on housing work will be an advantage.

Applications, stating age, education, experience and qualifications, and accompanied by copies of not more than three testimonials, must be sent in envelopes endorsed "Temporary Architectural Assistant," so as to reach Mr. J. T. W. Peat, F.R.I.B.A., Borough Engineer and Surveyor, Town Hall, Palmers Green, N.13, by not later than the 3rd June, 1946.

GORDON H. TAYLOR,
Town Clerk.

Southgate Town Hall,
 Palmers Green, London, N.13. 702
 May, 1946.

WORKING URBAN DISTRICT COUNCIL.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment on the Permanent Staff of the Engineer and Surveyor to the Council. Salary according to technical qualifications, and if qualified the salary will be on Grade I of the Administrative, Professional and Technical Division of the National Joint Council for Local Authorities (£330×£15-£375). In addition a cost-of-living bonus will be paid, which at present is £59 16s. per annum.

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

Forms of application may be obtained from Mr. H. P. Tame, A.M.Inst.C.E., M.Inst.M. & Cy.E., Engineer and Surveyor, Council Offices, Working, and should be returned endorsed "Architectural Assistant," together with copies of two testimonials, to the undersigned not later than the 14th June, 1946.

F. H. SMITH,
Clerk to the Council.

Council Offices, Working. 752
 16th May, 1946.

YEOVIL AND DISTRICT JOINT PLANNING COMMITTEE.

TOWN PLANNING OFFICER.

Applications are invited for the appointment of a qualified Town Planning Officer to the above Committee, at a salary of £535 p.a., rising, subject to satisfactory service, by two annual increments of £20 and one of £25 to a maximum of £600 p.a., plus current war bonus (at present £59 16s. p.a.).

The successful applicant will be expected to provide a car, and a car allowance of £100 p.a. will be made.

Applicants must have had experience of Planning Schemes and be fully conversant with the Town and Country Planning Acts and Orders thereunder. Preference will be given to candidates who have passed the Associate Membership Examination of the Town Planning Institute.

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

Applications, stating age, whether married or single, qualifications, experience, etc., and endorsed "Town Planning Officer," to be sent to the undersigned, accompanied by copies of three recent testimonials, not later than Saturdays, 22nd June, 1946.

H. C. C. BATTEN,
Clerk to the Joint Committee.

Church House, Yeovil, Somerset. 745
 17th May, 1946.

CITY OF BIRMINGHAM EDUCATION COMMITTEE.

COLLEGE AND SCHOOLS OF ARTS AND CRAFTS.

Applications are invited for the appointment of PRINCIPAL of the College of Arts and Crafts and Director of the Branch Schools of Art, as from 1st September, 1946, or as soon thereafter as possible. Salary scale £1,200-£250-£1,500. The College provides full-time courses in Architecture, Industrial Design, all types of Arts and Crafts, and is a recognized Centre for the training of Art Teachers.

Forms of application and particulars of the appointment may be obtained from the College of Arts and Crafts, Margaret Street, Birmingham, 3, upon the receipt of a stamped, addressed foolscap envelope, and must be returned not later than 15th June.

E. L. RUSSELL,
Chief Education Officer. 753

COUNTY BOROUGH OF NEWPORT, MON.

BOROUGH ARCHITECT'S DEPARTMENT.

Applications are invited for the following temporary appointment:

One SENIOR ASSISTANT ARCHITECT, qualified Member of the R.I.B.A. by examination, and who has had considerable experience in educational and housing work. Commencing salary £474 10s. per annum, plus cost-of-living bonus.

The appointment is subject to the Corporation's Conditions of Service and Superannuation Scheme, and the successful candidate will be required to pass a medical examination.

Application, accompanied by three recent testimonials, must reach the undersigned not later than 3rd June, 1946.

JOHNSON BLACKETT, F.R.I.B.A.,
Borough Architect.

Town Hall, Newport, Mon. 713

CITY OF EDINBURGH.

TECHNICAL ASSISTANTS (Temporary) wanted, with training in one or more of the following:—

(a) Architecture.

(b) Town Planning, to prepare the City Planning Scheme.

(c) Civil Engineering.

Salary up to £500 per annum.

Apply, stating qualifications and experience, to Town Clerk, City Chambers, Edinburgh. 739

CORNWALL COUNTY COUNCIL.

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

(a) ASSISTANT QUANTITY SURVEYOR. Salary £420, by annual increments of £15 to £465 (Grade IV recommended by the National Joint Council), plus war bonus at present £59 16s.

(b) ARCHITECTURAL ASSISTANT. Salary £330, by annual increments of £15 to £375 on Grade I, plus war bonus.

Candidates for appointment (a) will be required to prepare Estimates, Bills of Quantities, measure work and adjust variations on Contracts (preference will be given to experienced Taker-off).

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

Forms of application may be obtained from the County Architect, County Hall, Truro, to whom applications must be sent not later than Thursday, 6th June, 1946, accompanied by copies of three recent testimonials.

L. F. NEW,
Clerk of the County Council.

County Hall, Truro. 696
 7th May, 1946.

CITY OF CARDIFF.

CITY SURVEYOR'S DEPARTMENT.

Applications are invited for the following TOWN PLANNING ASSISTANTS on the Staff of the City Surveyor's Department, in accordance with the National Scales of Salaries and Conditions of Service.

(a) Grade V (Professional and Technical Division). £460-£510, plus a war bonus of £59 16s. per annum.

(b) Grade II (Professional and Technical Division). £360-£405, plus a war bonus of £59 16s. per annum.

(c) Grade I (Professional and Technical Division). £330-£375, plus a war bonus of £59 16s. per annum.

Candidates must be Associate Members of the Town Planning Institute or hold an equivalent qualification.

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

Forms of application may be obtained from the City Surveyor, City Hall, Cardiff, and should be returned to the undersigned so as to arrive not later than Thursday, the 13th June, 1946, and endorsed "Town Planning Assistant."

S. TAPPER JONES, Town Clerk.

City Hall, Cardiff.

13th May, 1946.

CITY OF OXFORD EDUCATION COMMITTEE.

SCHOOLS OF TECHNOLOGY, ART AND COMMERCE; SCHOOL OF ARCHITECTURE AND BUILDING.

Applications are invited for the post of FULL-TIME TEACHER OF BUILDING SUBJECTS, for City and Guilds and National Certificates, including some practical workshop instruction. Candidates should have a sound knowledge of the Building Industry, and teaching experience, although not essential, would be an advantage.

The post is permanent, and will date from 1st September, 1946, and the person appointed will be required to teach Senior Part-Time Day and Evening Classes.

Salary will be paid in accordance with the Burnham (Technical) Report, 1945.

Forms of application and further particulars may be obtained, on receipt of a stamped addressed foolscap envelope, from the Chief Education Officer, 77, George Street, Oxford, to whom completed forms must be returned within a fortnight of the date of the appearance of this advertisement.

CITY OF NOTTINGHAM.

CITY ENGINEER'S DEPARTMENT.

Applications are invited for the following appointments:-

ARCHITECTURAL ASSISTANTS (TWO).

Applicants to be experienced in the architectural and building work done in a municipal office, other than housing, and for Appointment A should be capable of carrying out schemes of moderate size.

The appointments are subject to the Local Government Superannuation Act, 1937, and the salaries are:-

Appointment A.-For Members of the R.I.B.A., £350-£425 p.a.; for other candidates, £340-£415-£400 p.a.

Appointment B.-For Members of R.I.B.A., £325-£350 p.a.; for other candidates, £305-£350 p.a.

All plus cost-of-living bonus, at present £59 16s. p.a.

Applications, stating the appointment applied for, are to be made upon forms to be obtained from the City Engineer, Mr. E. M. Finch, O.B.E., M.Inst.C.E., Guildhall, Nottingham, and are to be returned to him by Monday, 10th June, 1946.

J. E. RICHARDS, Town Clerk.

Guildhall, Nottingham.

May, 1946.

PORTSMOUTH (CITY OF) EDUCATION COMMITTEE.

COLLEGE OF ARTS AND CRAFTS.

Principal: MEREDITH W. HAWES, A.R.C.A.

SCHOOL OF ARCHITECTURE.

Applications are invited for the post of LECTURER AND STUDIO INSTRUCTOR.

Applicants should be Fellows or Associates of the Royal Institute of British Architects, preferably trained in a recognised School of Architecture, with some professional experience. Salary will be in accordance with the new Burnham Scale. Increments may be allowed for approved time spent in industry or professional work. Teaching experience would be an advantage, but is not essential. Applications should be submitted as soon as possible. Further particulars and forms of application may be obtained from The Registrar, College of Art, Guildhall Square, Portsmouth.

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

THE UNIVERSITY OF MANCHESTER.

Applications are invited for the post of Temporary LECTURER IN ARCHITECTURE. The appointment will be made in the first instance for two years. Duties to commence 29th September, 1946. Commencing stipend according to qualifications and experience, but not less than £400 per annum. All applications should be sent not later than 24th June, 1946, to the Registrar, the University, Manchester, 13, from whom further particulars may be obtained.

BOROUGH OF MANSFIELD (BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT).

THIRD ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment at a salary of £330-£15-£375, plus cost-of-living bonus, at present £59 16s. per annum.

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

Applicants must be Registered Architects and preference will be given to Associates of the Royal Institute of British Architects; applicants must have had experience in the design, preparation and supervision of municipal housing schemes.

Form of application to be obtained from Mr. E. T. Crowe, B.Sc., A.M.I.C.E., Borough Engineer and Surveyor, Carr Bank, Mansfield, to whom applications, accompanied by not more than three recent testimonials, are to be delivered not later than 12th June, 1946.

Canvassing directly or indirectly will disqualify. A. C. SHEPHERD, Town Clerk.

Carr Bank, Mansfield.

9th May, 1946.

Competitions

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

CORPORATION OF EDINBURGH.

COMPETITION FOR HOUSING AND COMMUNITY DEVELOPMENT AT THE INCH, NETHER LIBERTON, EDINBURGH.

The Lord Provost, Magistrates and Council of the City and Royal Burgh of Edinburgh, invite Architects of British nationality resident in Great Britain to submit in open Competition designs for the development of a housing estate at The Inch, Nether Liberton, Edinburgh.

The Assessor of the Competition is Mr. George D. Macniven, F.R.I.B.A., 27, West Maitland Street, Edinburgh, 12, and on his award the Promoters will pay a premium of £500 to the author of the design placed first by the Assessor, and a further amount of £300 in respect of other designs according to merit.

It is the intention of the Promoters to proceed with the housing development and, subject to the Conditions of the Competition, the author of the design placed first will be employed to carry out the work at fees to be paid in accordance with the Scale of Professional Charges sanctioned and published by the Royal Incorporation of Architects in Scotland for permanent housing work carried out in Scotland.

A copy of the Conditions of Competition, along with a plan of the site, will be supplied on and after 1st June, 1946, on application by Architects to the undersigned. Such application must be accompanied by a deposit by crossed cheque for two guineas (payable to "The Corporation of Edinburgh"), which will be refunded on receipt of a bona fide design in conformity with the Conditions, or on return of the Competition documents within one month of the date of the receipt of replies to competitors' questions.

The last day for the receipt of designs is 15th August, 1946.

J. STORRAR, Town Clerk.

City Chambers, Edinburgh, 1.

May, 1946.

Partnerships

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

HIGHLY Qualified and Experienced Civil Engineer, aged 31 (University graduate), desires Appointment or Partnership with Architect, in London area; experience includes war damage surveys, preparation of bills and estimates, etc. For further particulars apply Box 736.

CHARTERED ARCHITECT (38), Major R.E. Works, demobilised June, seeks Partnership with busy established practice; London or provinces; well trained and all-round experience; over 20 years' domestic and industrial work; keen and good organizer; good references, and well connected in London area; own car. Box 754.

Architectural Appointments Vacant

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

Wherever possible prospective employers are urged to give in their advertisements full information about the duty and responsibilities involved, the location of the office, and the salary offered. The inclusion of the Advertiser's name in lieu of a box number is welcomed.

INDUSTRIAL Design Draughtsman wanted. Apply Warnett Kennedy & Associates, 11, Bentinck Street, W.1.

ASSISTANT QUANTITY SURVEYOR required immediately. Apply, with particulars of experience and salary required, to Howard Williams & Partners, 2, St. Andrews Place, Cardiff.

ASSISTANT for modern Architects' Office on East Coast; housing and varied practice; progressive position and salary for suitable applicant; please send all particulars and salary required. Box 734.

QUANTITY SURVEYOR required for a staff appointment with an Industrial Organisation in London; applicants must have a thorough knowledge of preparing specifications and estimates. Write, stating age and experience, to Box 742.

SENIOR ARCHITECTURAL ASSISTANTS required; 25-45 years of age; salary £500-£750. Apply William Ellis, J.P., F.R.I.B.A., Barclays Bank Buildings, St. Helens, Lancs.

H. M. DOUGHTY & PARTNERS, Quantity Surveyors, 55, Pall Mall, S.W.1, would be glad to receive applications from experienced men seeking posts in London area; applicants must have had first-class training as quantity surveyors, and be used to measuring and settling variations on building contracts. Please give particulars of age, salary required, when free, etc.

SENIOR ARCHITECTURAL ASSISTANT required; capable of preparing working drawings and details, writing specifications, and supervising works. Apply, giving age, experience, qualifications and salary required, to L. F. Vanstone and Partners, 11, Grimestone Terrace, Plymouth.

QUANTITY SURVEYOR required for Architect's Office; experience in draughtsmanship would be an advantage. Apply, giving age, experience, qualifications and salary required, to L. F. Vanstone & Partners, 11, Grimestone Terrace, Plymouth.

CORNWALL.-Assistant required, with some knowledge of land surveys, building construction and working drawings; varied practice offers scope for energetic ex-Service man to brush up experience. Geoffrey Bazeley & Partners, A.A.R.I.B.A., Alverton, Penzance.

COVENTRY practising Architect and Surveyor (A.R.I.B.A.) requires Junior immediately, either full- or part-time, preferably to work in office; initiative encouraged; must be neat draughtsman; state details, including age and salary required. Box 769.

ARCHITECTURAL ASSISTANT required to supervise erection of a pre-fabricated house in Cambridgeshire; site experience, with pre-fab. erections, desirable. Box 771.

ARCHITECTURAL ASSISTANTS are required throughout the United Kingdom, by several Government Departments, at salaries up to £550 per annum (including consolidated allowances), according to qualifications and experience; non-established posts.

Applicants, who should have had 5 years' of training and experience, should write, quoting EA/AA to the Ministry of Labour and National Service, Technical and Scientific Register, Room 267, York House, Kingsway, London, W.C.2.

ARCHITECT (Qualified) CHIEF ASSISTANT required immediately; age about 30; must have first-class organizing ability, accustomed to handling good class work; must be efficient and capable draughtsman; house available; good salary and prospects for suitable applicant. Write to W. S. Hattrell & Partners, 1, Queen's Road, Coventry.

Architectural Appointments Wanted

Advertisements from Architectural Assistants and Students seeking positions in Architects' offices will be printed in "The Architects' Journal" free of charge until further notice.

CHARTERED ARCHITECT (35), with good all-round experience in U.K. and abroad, offers spare-time service to Architects; own office in North Scotland; can visit London if necessary; willing to undertake any kind of architectural work. Box 424.

REGISTERED ARCHITECT, fully qualified, prize winner, desires position as Assistant Architect; 20 years' experience in modern design and construction, including industrial and domestic buildings, housing, hotels and public baths; capable of taking complete charge of large contracts; salary by arrangement. Box 426.

DRAUGHTSMAN (28), 6 years' experience pre-war, due for release Group 35 in July, seeks progressive position; Reading or Oxford area. Box 427.

EX-WREN, with previous experience, now seeks position in Architect's Office in London. Box 431.

A. R.I.B.A. and Registered Architect, ex-officer, age 40, desires permanent and progressive situation; over 20 years' varied experience; able to take complete charge of building projects. Box 430.

ASSISTANT (31), married, 15 years' experience, including articles, requires appointment, South of Midlands; good draughtsman, surveys for alterations, de-requisitions, etc.; knowledge of quantities and prices, W.D. schedule, estimating; prefers position of trust, with scope for initiative; good photographer; fullest particulars. Box 432.

SENIOR QUALIFIED ARCHITECT offers services, temporary or part-time; London or South Midlands; housing. G. Wilson, 53, Henley Street, Stratford-on-Avon. 433

ARGUMENTAL SURVEYING ASSISTANT; 30 years' varied experience all branches, housing, estate development, factories, schools, hospitals, leaving R.E.s mid-June; salary £500 (London), less in provinces; Southern Counties only. C. L. Ford, 36, Weyhill Road, Andover. 434

ARGUMENTAL ASSISTANT, aged 30 years, 4 years articles, 8 years practical experience in building and land surveying, design (housing) construction, and quantities; water, drainage, road, and aerodrome construction; use of level and theodolite a speciality. Box 435

YOUNG Lady, probationer R.I.B.A., 18 months at recognized school, also London General Schools, with exemption from matriculation, requires progressive position in Architect's office; London area or home counties preferred. Box 436.

A. R.I.B.A., B.Sc., D.A., aged 28, with varied experience, desires temporary appointment in a busy office; willing to go anywhere; salary not less than £500 p.a. (for provinces). Box 437.

ARGUMENTAL (Polish), fully qualified, experienced in modern style planning, perspective and air brush technique, desires appointment as Assistant with public authority, building contractor, or private architect. Box 438.

Other Appointments Wanted

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

ADVERTISING MANAGER (38) seeks post-war position in priority line, where 10 years' experience in national industrial concerns would be effective in advertisement, literature, press relations and sales, etc. Write Box 401.

QUALIFIED Architect will assist another during evenings and week-ends either at own or other office; London. Box 670.

EXPERIENCED Architectural Assistant requires spare-time work in London area, including working drawings from sketch plans, details, war damage schedules and specifications, repairs and conversions, etc. Box 676.

EXPERIENCED DRAUGHTSMAN offers to Architects and Contractors spare-time service in preparation of tracings and drawings from rough sketches. Apply Box 723.

ARGUMENTAL, School trained, Associate, with own office in Liverpool, is in a position to assist other Architects with preparation of plans, details, perspectives, etc. Box 740.

PROFESSIONALLY trained Quantity Surveyor, qualified, offers services to Architects. Write in first instance to Box 750.

SITE or Travelling Outside Supervisor, age 42, available to take up appointment with firm of Architects; 25 years' experience of trade on large and small contracts. Write Box 779.

For Sale

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

ELECTRICITY FOR COUNTRY HOUSE.—Complete equipment for sale, including 20 h.p. Oil Engine, Electric Generator and Booster Set, Switchboard, Battery and Motors, 200 volts supply; in good running order; inspection—Apply Bailey, Grundy & Barrett, Ltd., Electrical Engineers, Cambridge. 687

OIL-FIRING APPARATUS.—Five units for sale; good condition; will accept £10 for set, including burner, transformer, thermostat, and automatic control; 230 volts, 50 cycles. Busbys (Bradford), Ltd., Manningham Lane, Bradford. 737

INFORMATION SHEETS, Nos. 1 to 702 (63 missing) and Working Details, Nos. 1 to 721 (50 missing), published in the "Architects' Journal." What offers? Apply to Box 749.

PLAN PRINTING MACHINE.—Mercury vapour lamps, 215-255 volts, a.c.; suitable for blue printing, etc.; max. drawing size, 15 in. by 11 in.; £15. Box 439.

Miscellaneous

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

A. J. BINNS, LTD., specialists in the supply and fixing of all types of fencing, tubular guard rail, factory partitions and gates. 53, Gt. Marlborough St., W.1. Gerrard 4223-4225.

F. J. BAYNES, LTD., established over 100 years. Heating, Ventilating and Sanitary Engineers, 99/107, St. Paul's Road, N.1. Canonbury 2061-3. 584

FENCING AND GATES of every type, supplied and erected. Specialists in chain link. Boulton & Paul, Limited, Norwich. 662

INVESTMENT TRUST wishes to purchase PROPERTY LET to good tenants. Details of Houses, Flats or Shops to John Swait & Sons, Surveyors, The Mall, W.5. EAL. 2866 604

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

"CAN I HELP YOU?"—I have on my staff Architectural and Civil Engineering Draughtsmen, Building, Estimating, Land Measuring and Quantity Surveyors. Write C. F. Rumble, 29/31, Whitehall, S.W.1. Tel.: Whitehall 8514. 916

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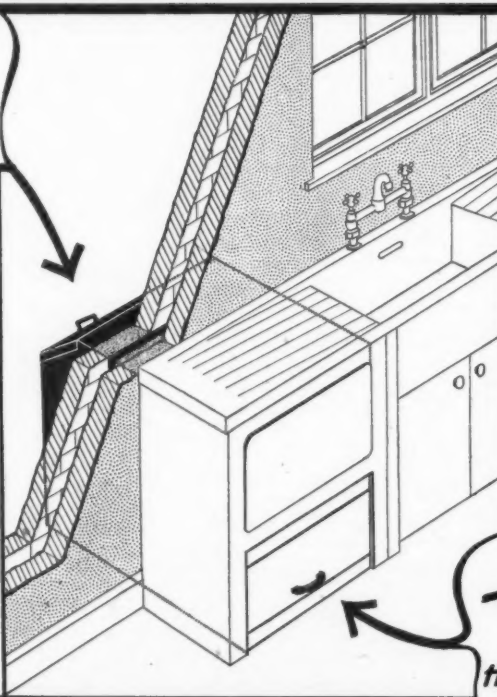
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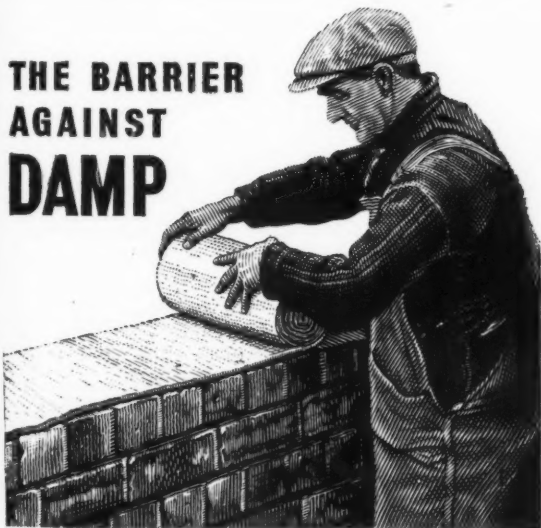

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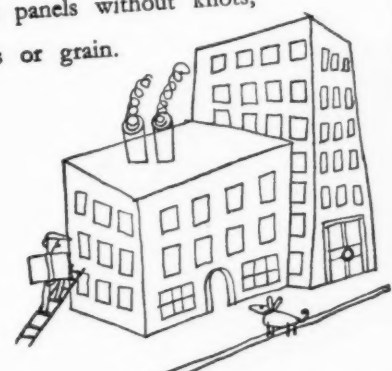
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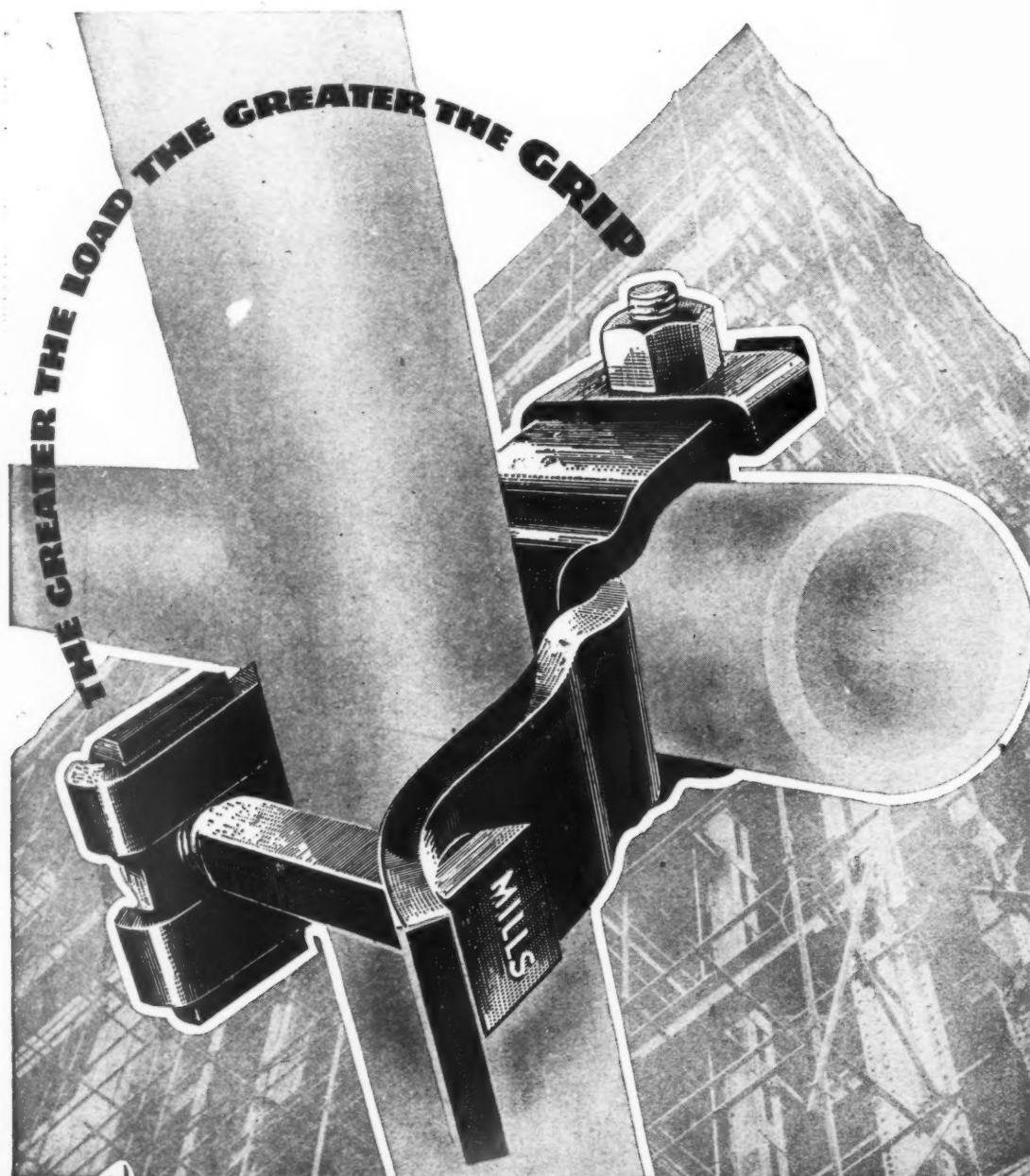
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