The Architects' JOURNAL for June 16, 1949 ARCHI



standard contents

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

NEWS and COMMENT

Diary

News

Architects' Commonplace Book

Astragal's Notes and Topics

Letters

Societies and Institutions

TECHNICAL SECTION

Information Sheets

Information Centre

Current Technique

Questions and Answers

Prices

The Industry

PHYSICAL PLANNING SUPPLEMENT

CURRENT *BUILDINGS*

STATISTICS

Architectural Appointments Wanted Vacant

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

Institution of Electrical Engineers. Savoy Place, W.C.2. Temple Illuminating Engineering Society. 32, Victoria Street, S.W.1. Ab Institution of Gas Engineers. 1, Grosvenor Place, S.W.1. Slo Institution of Heating and Ventilating Engineers. 75, Eaton Place, S.W.1. Temple Bar 7676 IES Abbey 5215 Sloane 8606 IGE

Sloane 3158 IIBD Incorporated Institute of British Decorators. Drayton House, Gordon Street, W.C.1. Euston Euston 2450

ILA I of Arb. Institute of Landscape Architects. 12, Gower Street, W.C.1. Museum 1783 Institute of Arbitrators, 35/37, Hastings House, 10, Norfolk Street,
Strand, W.C.2. Temple Bar 4071 Institute of Builders. 48, Bedford Square, W.C.1. Milnstitute of Refrigeration. Empire House, St. Martin's-le-Grand, E.C.1. IOB Museum 7197

Monarch 7391 Institute of Registered Architects. 47, Victoria Street, S.W.1. Abbey 6172
Institution of Structural Engineers. 11, Upper Belgrave Street, S.W.1. Sloane 7128-29
Inland Waterways Association. 11, Gower Street, W.C.1. Museum 9200 IRA **IWA**

Lead Industries Development Council. Eagle House, Jermyn Street, LIDC S.W.1. Whitehall 7264 Museum 3891

LMBA MARS London Master Builders' Association. 47, Bedford Square, W.C.1. M MARS Group (English Branch of CIAM). 34, Gordon Square, W.C.1. Euston 2158-9 MOA MOE Whitehall 3400 Mayfair 9400

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Ministry of Education. Curzon Street House, Curzon Street, W.1.
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Ministry of Town and Country Planning. 32-33, St. James's Square, S.W.1.

Whitehall 8411

Peliance 7611 MOH MOLNS MOS MOT

MOTCP MOW Ministry of Works. Lambeth Bridge House, S.E.1. NAMMC Natural Asphalte Mine-Owners and Manufacturers Council. Reliance 7611

94, Petty France, S.W.1. Abbey 5277/8 National Association of Shopfitters. 9, Victoria Street, S.W.1. National Buildings Record. 37, Onslow Gardens, S.W.7. NAS NBR Kensington 8161

NCBMP National Council of Building Material Producers. 2, Caxton Street, S.W.1. Abbey5111 NFBTE National Federation of Building Trades Employers. 82, New Cavendish Street, W.1. Langham 4041

National Federation of Building Trades Operatives, Federal House,
Cedars Road, Clapham, S.W.4. Macaulay 4451
National Federation of Housing Societies. 13, Suffolk St., S.W.1. Whitehall 2881/2/3 NERTO **NFHS**

NHBRC National House Builders Registration Council. 82, New Cavendish Street, W.1 Langnam 4041 Molesey 1380 National Physical Laboratory. Head Office, Teddington. Molesey 1380
National Smoke Abatement Society. Chandos House, Buckingham Gate,
S.W.1. Abbey 1359 NSAS

NT National Trust for Places of Historic Interest or Natural Beauty. 42, Queen Anne's Gate, S.W.1.
Political and Economic Planning. 16, Queen Anne's Gate, S.W.1. Whitehall 0211/2 PEP

Whitehall 7245 **RCA** Whitehall 9936 Reinforced Concrete Association. 94, Petty France, S.W.1. Reinforced Concrete Association. 54, February Royal Incorporation of Architects in Scotland. 15, Rutland Square, Edinburgh. Edinburgh 20396 RIAS

RIBA Royal Institute of British Architects. 66, Portland Place, W.1. Welbeck 5721 RICS Royal Institution of Chartered Surveyors. 12, Great George St., S.W.1. Whitehall5322 RFAC Royal Fine Art Commission. 22A, Queen Anne's Gate, S.W.1. Whitehall 3935 RS Royal Society. Burlington House, Piccadilly, W.1. Regent 3335 RSA Royal Society of Arts. 6, John Adam Street, W.C.2. Temple Bar 8274

Royal Sanitary Institute. 90, Buckingham Palace Road, S.W.1. Sloane 5134 Rural Industries Bureau. 35, Camp Road, Wimbledon, S.W.19. Wimbledon 5101 Society of British Paint Manufacturers. 20, Piccadilly, London, W.1. Regent 6347 Society for Cultural Relations with the USSR. 14, Kensington Square, London, W.8. RSI RIB SBPM SCR Western 1571

Society of Engineers. 17, Victoria Street, Westminster, S.W.1. Abbey 7244 School Furniture Manufacturers' Association. 30, Cornhill, London, E.C.3. SE SFMA

Mansion House 3921
Structural Insulation Association. 14, Moorgate, London, E.C.2. Central 4444
Society of Industrial Artists. Room 243, Empire House, St. Martin's-le-Grand,
E.C.1. Metropolitan 8344

SNHTPC Scottish National Housing & Town Planning Council.

Hon. sec., Robert Pollock, Town Clerk, Rutherglen.

SPAB Society for the Protection of Ancient Buildings. 55, Great Ormond Street, W.C.1.

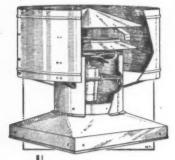
Holborn 2646

TCPA Town and Country Planning Association. 28, King Street, Covent Garden, W.C.2.

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Timber Development Association. 75, Cannon Street, E.C.4. City 4771 (6 lines)
Town Planning Institute. 18, Ashley Place, S.W.1.
Timber Trades Federation. 81, Cannon Street, E.C.4. City 1476 (bines)
Victoria 8815
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War Damage Commission. Devonshire House, Mayfair Place, Piccadilly, W.1.
Mayfair 8866 TPI TTP WDC

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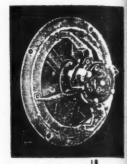
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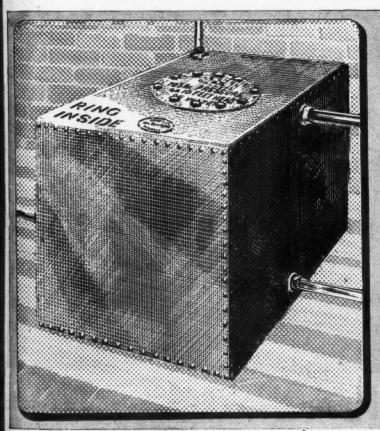


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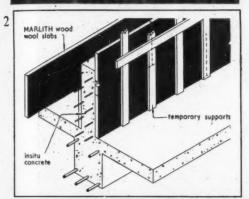
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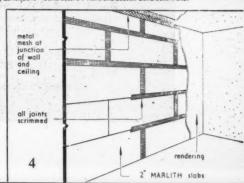


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- 2 Method of using Marlith as permanent shuttering for walls.
- 3 A view of the completed flats at the Flower House Estate.
- 4 A typical self-supporting non-load-bearing partition, using 2" Marlith slabs.

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JOHN DWIGHT AND HIS STONEWARE

Stoneware is a hard, impervious type of opaque pottery fired at a very high temperature. It was made in China at least as early as the 3rd century B.C., and seems to have developed independently in Germany in the Middle Ages. In the 16th century, salt-glazing was introduced. Common salt was thrown into the kiln after a temperature of over 1,200° C. had been reached; the sodium in the salt combining with the silica and alumina in the clay to form a characteristic thin, transparent "salt-glaze".

German stoneware was imported into England in the Tudor period. Similar wares were made in London in Charles I's reign and in 1671, John Dwight (sometimes called "The father of English pottery") took out a patent for "stone ware vulgarly known as Cologne

ware". He set up a pottery in Fulham where, by adding finely ground calcined flint to the clay, he produced a fine white stoneware body which was later emulated by Staffordshire potters. Dwight, like many others, sought also to discover "the mistery" of porcelain. But the credit for this fell to a German alchemist, Johann Böttger, who in 1710 established the famous porcelain factory at Meissen, near Dresden.

Dwight produced at Fulham a number of jugs, mugs and other useful wares, decorated with reliefs of hunting scenes. His most notable contribution to English ceramic art, however, was a series of statuettes, figures, busts and other pieces of pottery sculpture which for modelling and technique have probably never been excelled. Among the best-known are a life-size head of Prince Rupert, two

smaller busts of Charles II and James II, and a recumbent half-length figure of Dwight's daughter, Lydia.

It is interesting to recall that John Doulton, the founder of the House of Doulton, was born in Fulham in 1793 and served his apprenticeship at the famous pottery which Dwight had founded over a century before. His son Sir Henry Doulton, in about 1870, brought about a great revival of the art of salt-glaze stoneware and from then. onwards to the present day the Royal Doulton Potteries have continued to produce beautiful individual examples of this ware which has been well-described as "an aristocrat among ceramics". The sensitive, restful shapes of stoneware pots, their soft deep colourings and their unique texture have a lasting appeal and fascination for all pottery-lovers.



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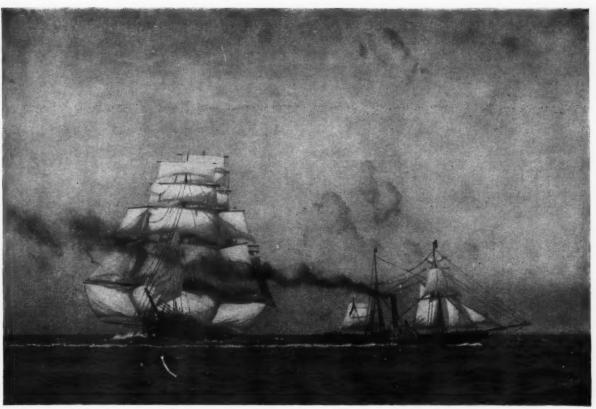
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The tall ships usually made Australia by the western Atlantic, with a long detour before the south-east trades, finally 'running down the easting' in winds from the west. The return voyage caught the westerly Pacific winds to S. America, the Falklands were made via Cape Horn, driving well east in the Atlantic until the south-east trades were picked up. Those regions near the Equator where the trades winds neutralize each other, the 'doldrums,' were crossed very slowly. A wide sweep was then made to the west to avoid the north-east trades and to pick up the westerlies near the Azores, when all would be set fair for home.

With the advent of steam there came a great change. Canada and the New England coast could be reached without laborious tacking against adverse westerly winds,

THE COMING OF STEAM

the Virginia coast and Central America without a wide detour to the South. The Suez, and later the Panama, became practicable, without fear of calms in the Red Sea or the Gulf of Panama, or the narrow waters of the land-locked Caribbean Sea, which were a terror to the sailing ship. Great circle courses, the shortest on the globe, presented no difficulties, and outward and homeward journeys could be made by almost the same route.

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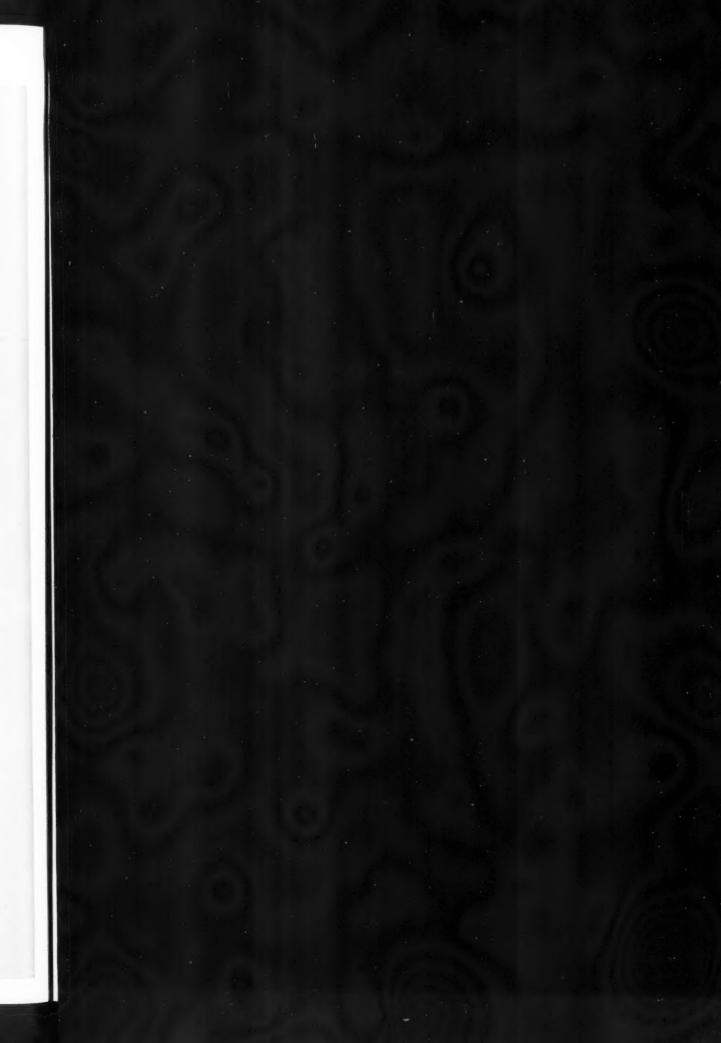
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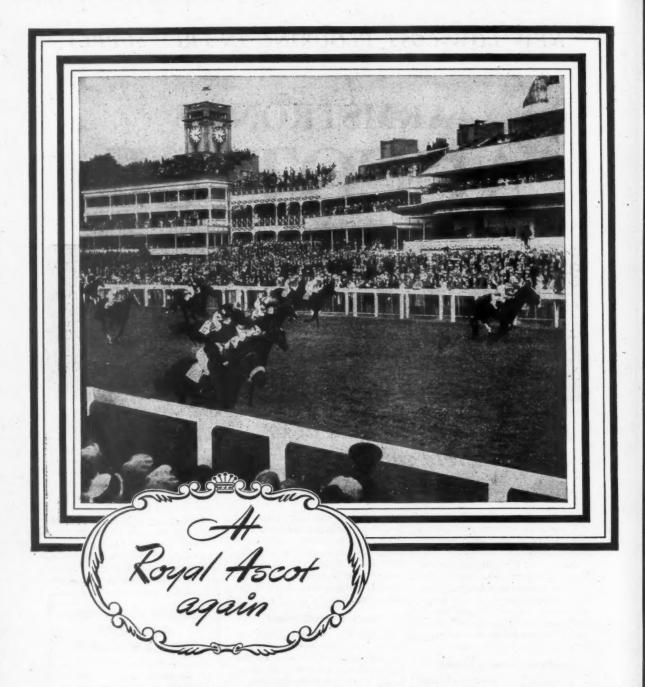
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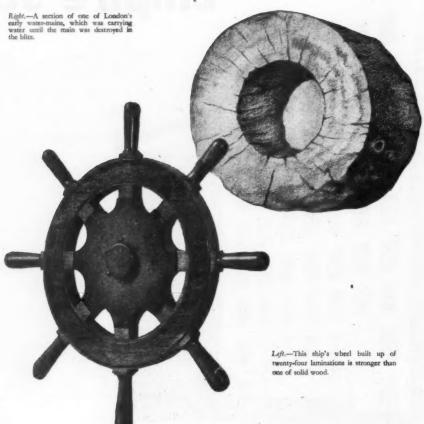
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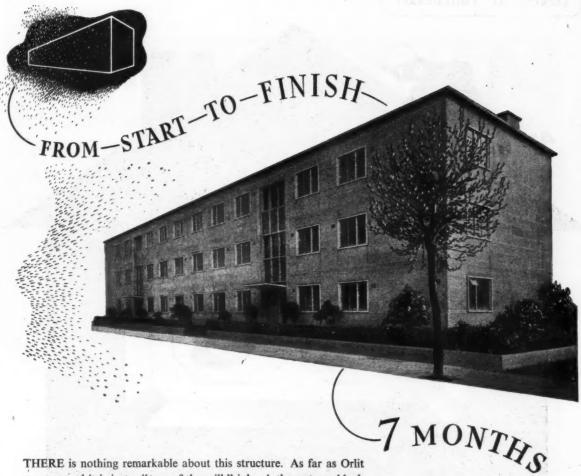






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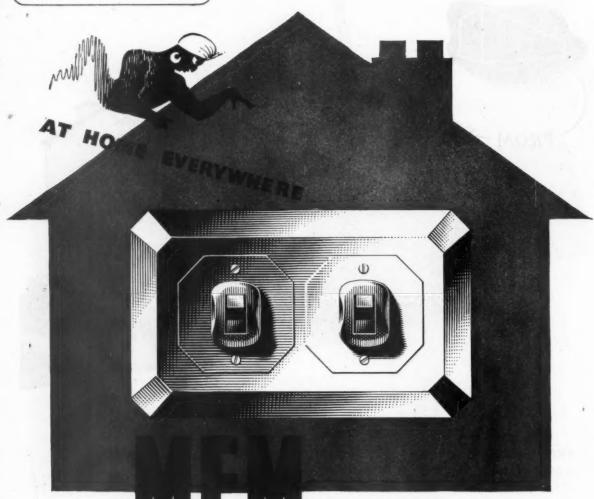
Architect: W. J. Rankin, A.C.G.I., A.M.Inst.C.E.,

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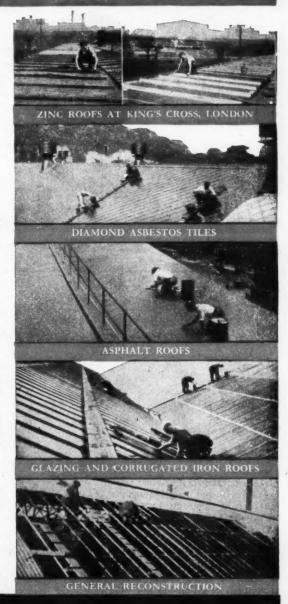
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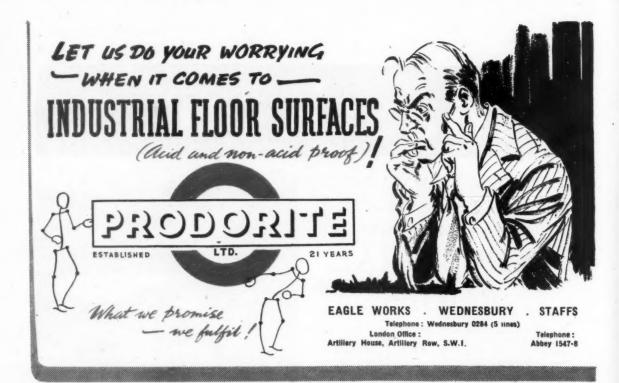
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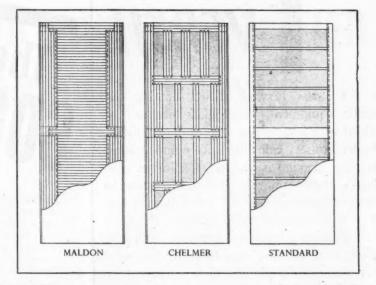
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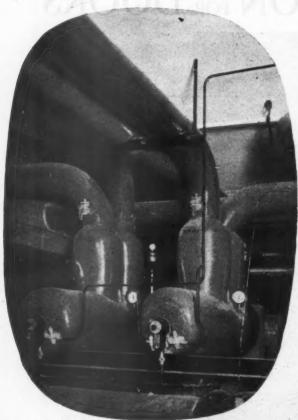
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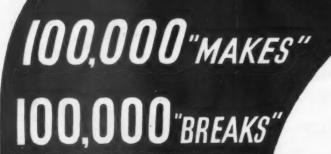
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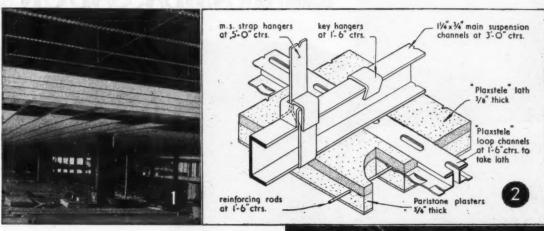




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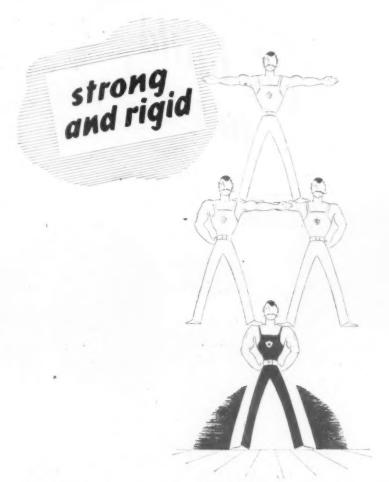
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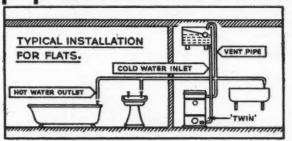
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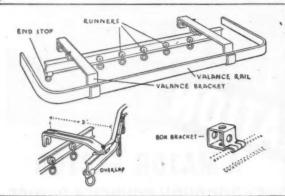
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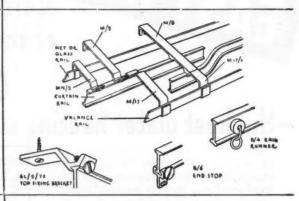


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Architect's Journal: the following information Sheets are available and will be sent on request to manufacturers. SHEET 44 D.1. ('RUFFLETTE' RECESSED TRACK). SHEET 44 D.2. ('RUFFLETTE' B/L and M Type Rails).

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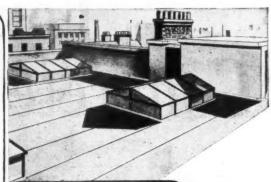
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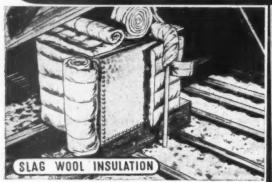
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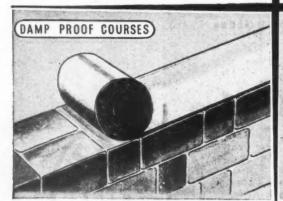
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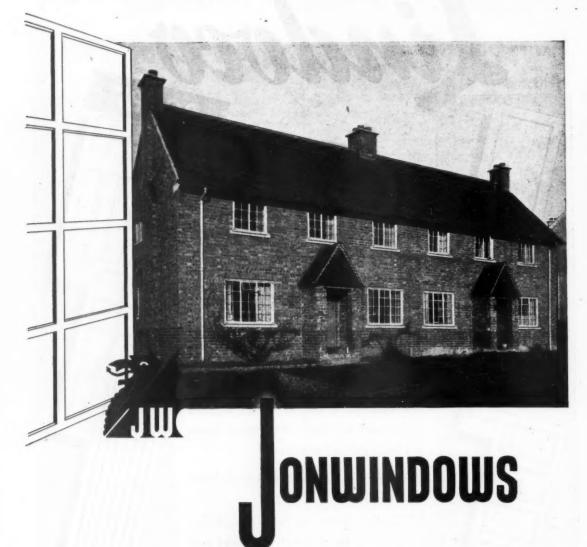
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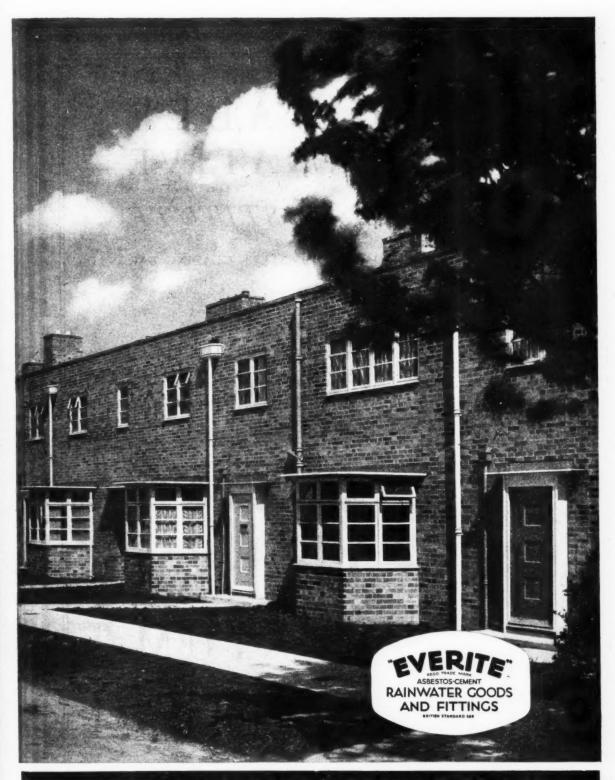
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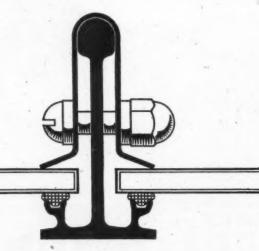
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be added to the subscription list as soon as possible. Subscription rates: by post in the U.K. or abroad, £1 15s. Od. per annum. Single copies, 9d.; post free, 11d. Special numbers are included in subscription; single copies, 1s. 6d.; post free, 1s.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

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

BIRMINGHAM. Prestressed Concrete Exhibition. Jubilee Works, Sherlock Street. June 16-27

BRISTOL. Visual Aids in Industrial Design Exhibition. City Museum and Art Gallery. (Sponsor, CID.) Daily, 10 a.m. to 6 p.m. UNTIL JUNE 18 BRISTOL.

CARDIFF. CARDIFF. Background For Living Exhibition. (Sponsor, David Morgan Ltd.) David Morgan Ltd., Cardiff. UNTIL JUNE 18

E DINBURGH. Demonstration of Build-ing Plant. Canning Street. (Sponsors, MOW and Building and Civil Engineering Industries' Joint Advisory Panel for Scotland.) June 21, 11 a.m. to 6 p.m.; June 22, 10 a.m. to 8 p.m.; June 23, 10 a.m. to 6 p.m.

L ONDON. The Appearance of Housing Estates Exhibition. Housing Centre. 13, Suffolk Street, Haymarket, S.W.1. Weekdays, 9.30 a.m.-5.30 p.m. Saturdays, 9.30 a.m.-12 noon. UNTIL JULY 1 LONDON.

RIBA Council Election Results. Charles Woodward and Sydney Redfern. Questions and Answers in Practice. At the RIBA. 66, Portland Place, W.1. (Sponsor, RIBA.)

TPI Annual General Meeting. In the Assembly Room, Central Hall, Westminster. 5.15 p.m.

WEST HARTLEPOOL. David T.
Jones. Post-War Legislation and its
Effect on Local Health Authorities. J.
Stanley Miles. Neighbourhood Planning. Town Hall. (Sponsor, RSI.) 10 a.m. JUNE 24

COMPETITIONS

Competition for Furniture Design. The Scottish Furniture Manufacturers' Association. Five prizes, each being a planned visit to Scandinavia. Open to all architects, designers, students, apprentices, craftsmen, or operatives in Scotland. Designs are required for furniture for one room and for a single piece of furniture. Application forms from The Competition Secretary, The Scottish Manufacturers' Association, 166, Buchanan Street. Glasgow. C.1, to whom Buchanan Street, Glasgow, C.1, to whom entries must be made by June 18.

Industrial Art Bursaries Competition. Royal Society of Arts. Competition divided into sections for the design of carpets; domestic solid fuel burning appliances; dress textiles; electric-light

fittings; footwear; furnishing textiles; leather goods; wallpaper. A Bursary of £150 in value is offered for each section. (Two Bursaries in the dress textiles section). Open to full-time, part-time and evening-class students, between 17 and 30 on October 1, who intend to take up industrial design as a care and how thid deference. design as a career and have studied for not less than one term since July 1, 1948, at an art, architectural, technical, or other college or school approved by the Society for the purpose of the competition. Entry in the domestic solid-fuel-burning appliance section is also open to any draughtsman, clerk, or similar person, within the same age limits, already engaged in the solid-fuel-burning appliances industry, provided that this application is sponsored by the Coal Utilization Joint Council.

Particulars and entry forms may be obtained from the Secretary, Royal Society of Arts, the principals of the schools and colleges concerned, and the Secretary, Coal Utilization Joint Council. The closing date for the receipt of entry forms is August 1. design as a career and have studied for not

for the receipt of entry forms is August 1.

I HURSDAY, June	e 16,	1949
No. 2836	Vol.	109
War Memorial Competition		535
To-morrow's Building?		536
This Week's Leading Article		537
Astragal's Notes and Topic	s	538
Letters		539
Shop at Bromley		541
Factory at Brighton		543
House at Dundee		546
Flats. Designed by F.R.S. Y E. Rosenberg and C. S. Ma		547
Information Sheets: 10.G20 Lead Flashings: Steel Roof Construction: Glazed Panel and Northlight 26.J6 Tentest Adjustable Metal Fixing for Building Boards	To fi	
Societies and Institutions		549
Technical Section:		
Leading Article		550
The Industry. By Brian Gra	ant	553

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

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

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



At the exhibition of work by AA students based on the requirements of the Old Vic Theatre School. Above, a group of students with Mr. Michel St. Denis, Director, Old Vic Theatre Centre (second from left, bottom row), who collaborated with the students. Extreme left (bottom row), Mr. Kenneth Capon, a member of the AA staff, and third from right (top row), Mr. Hans Henning Hansen of the Royal Danish Academy, Copenhagen, who is temporarily attached to the AA Staff.

Formica emerges with flying colours from the tests of Good Housekeeping Institute

The stringent character of the tests can be gathered from the following extracts from the report of the Institute notifying the award. (Report No. 1565)

PRACTICAL TESTS A sheet of Formica 4' 10" x 2' 7" was inlaid to form the working top of a table in the Institute, while another smaller sheet approximately 3' x 1' 9" was stuck to an existing wooden table top. A further sample was fitted to a sink unit to form a working surface and splash back. These were used constantly over a period of several months for general household purposes, including the preparation of food, the rolling of pastry and ironing with a blanket or sheet laid over the surface. Saucepans containing boiling liquids were also frequently placed on it. It remained unimpaired, showing no signs of scratches, heat marks or dull patches. The working surface of the sink unit was used for draining crockery and pans on one side, and for a gas griller on the other. It was in no way impaired.

In addition to the above general usage tests, certain specific tests were carried out to determine the resistance of FORMICA to acids, alkalis and abrasives. The standard solutions were those given in B.S. 1344 for testing vitreous enamel finishes, in order to form a means of comparison for domestic working surfaces.

ACID TEST A piece of ordinary filter paper was placed on the surface and on top of this a somewhat smaller piece of filter paper. The solution at room temperature was dropped on to the paper until both pieces were saturated. After twenty minutes the paper was removed, the solution washed off and the surface dried with a clean cloth. RESULT. The portion covered by the filter paper was not impaired in any way

ALKALI TEST (Carried out along lines similar to the acid test.) Result. The surface was not affected.

ABRASION TEST Felspar was sprinkled over an area of approximately 1 inch square of the test sample and then covered with a clean cloth. A 2-lb. weight, having a circular base I sq. inch in area was placed on the cloth over the powder and drawn by hand without additional pressure over } inch travel of the FORMICA ten to twelve times to and fro. The surface was then examined for scratches. RESULT. No scratches were apparent.

HEAT TEST In addition to pans containing boiling liquids being stood on the FORMICA, baking tins and casseroles were placed on it, immediately on being removed from the oven, for periods of time ranging from five to fifteen minutes. RESULT: The intensive heat did not damage or impair the surface in any way. General Conclusions We consider that FORMICA is ideal for working surfaces in the kitchen, being pleasing in appearance, durable and very easy to clean. In our opinion, it would also be excellent for use in the bathroom and nursery, or in any other place subjected to heavy wear.

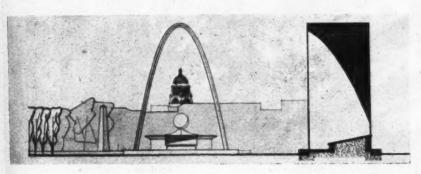
SEAL OF GUARANTEE In view of the efficiency of FORMICA as a working surface, and its apparent durability, the Good Housekeeping Institute Seal of Guarantee is awarded.

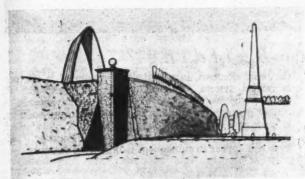


THOMAS DE LA RUE & CO. LTD., PLASTICS DIVISION, Imperial House, Regent Street, London, W.J. Telephone: Regent 2901

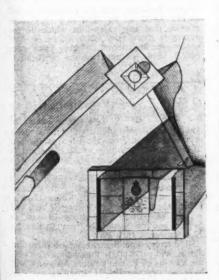
AN ARCHITECT'S Commonplace From

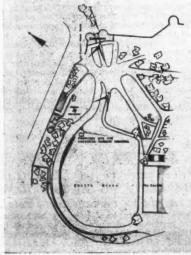
THE CULT OF THE CAFÉ. [From The Land of Italy, by Jasper More (B. T. Batsford Ltd.).]-Cafés, in Italy as in France, play a large part in the social life of the nation. Here, seated at metal or marble tables, either within doors or on the street pavement, one may imbibe also the newspapers and the gossip of the day, in the midst of the agreeable bustle and movement of the local life. The cult of the café perhaps explains certain features of Italian domestic life which are sometimes puzzling to the British visitor. Seldom does one register the impression that the Italian's home is his castle; indeed, more and more commonly it is his three-roomed flat. Notwithstanding the asperities of the Italian winter, rooms are commonly designed on the apparent assumption that it is always summer; heating, if provided at all, derives too frequently from an impersonal stove or radiator; and the hearth-trained Briton, in the absence of a mantelpiece or fireplace, is left awkwardly wondering whether to draw up his chair in front of the bookcase, the radiator or the window-sill. For such minor difficulties the compensation is provided in the summer; for the cult of coolness is well developed; and with the aid of shutters, sun-blinds and terraces it is seldom necessary, indoors, to fear the summer





The winning design for the Winning design for the Nottinghamshire Yeomanry War Memorial competition. The design is by Peter Middleton, A.R.I.B.A. Top: left, main eleva-tion; right, section of the memorial. Left, view of the memorial from Nottingham Cas-tle grounds. Below: tle grounds. Below: left, plan; right, site





War Memorial Competition

THE RIBA 1951 CONFERENCE will be held in Belfast.

This was announced by Mr. A. F. Lucy when he was elected president of the Royal Society of Ulster Architects at the Society's annual general meeting on May 26. The conference could, he said, form a part of the arrangements the Society were at present making in connection with the Festival of Britain activities which would take place during that year.

take place during that year.

At this meeting Mr. Val Smyth was elected vice-president, Mr. F. McArdle, hon. treasurer, and Mr. A. Neill, hon. secretary.

The Minister of Town and Country Planning has made the BRACKNELL NEW TOWN DESIGNATION ORDER.

Mr. Silkin has reduced the area originally proposed for the New Town of Bracknell by nearly one third, so as to exclude 770 acres of farmland. The 1,850 acres now to be designated contains comparatively little agricultural land. Although the reduced area will probably be insufficient for the proposed ultimate population of 25,000, Mr. Silkin believes it will later be possible to swing the site further on to non-agricultural land to the south and east of Bracknell. He will defer any question of additional designation until a plan is available on which precise needs can be judged. additional designation until a plan is available on which precise needs can be judged. This decision, taken after consultation with the Minister of Agriculture, follows the public inquiry into the Draft Designation Order held at Bracknell on February 23. Although a new town in the Bracknell area was not opposed in principle, there were strong objections at the inquiry to the site's inclusion of agricultural and market gardening land, and an alternative site in the woodlands south of Bracknell was suggested.

suggested.

The Minister examined this suggestion very closely and has personally inspected the alternative site. This has frequently been described as "scrub land," but in fact most of the area is covered with Scots pine and other growing trees, and is an important source of supply for telegraph poles and pit

props.

Nevertheless, the Minister would have been prepared to consider siting the new town there were it not for other difficulties, one of which is the absence of direct rail communication. A new line would be delayed many years because of other urgent priorities, and would be both costly and wasteful in view of the existing network. Other drawbacks of the alternative site are the impossibility of providing a deep belt of open country round the town and the fact that, building would be impracticable on some of the land because of steep sided gullies caused by erosion. props. gullies caused by erosion.

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Building? To-morrow's

The JOURNAL has frequently insisted that it is largely the architects' responsibility to break the present deadlock prohibiting the fullest use of their services due to the scarcity of materials and the high cost of building. One solution to the deadlock would be the development of a system of construction which would combine the advantages of prefabrication with maximum flexibility. Above are shown

the basic elements, in extruded aluminium of a new prefabricated system, designed by an architect, Mr. R. Henderson, which may prove to have these advantages. A further photograph, showing how these elements build up, is on page 539. A full description of this system, which is now being developed under the name of Package Buildings, will appear in subsequent issues of the JOURNAL.

**
The LONDON ARCHI-TECTURE BRONZE MEDAL for 1948 will not be awarded. Although the Council of the RIBA have Although the Council of the RIBA have not considered any building in London worthy of this award they have approved the award of the Northern Architectural Association RIBA Bronze Medal to the Research Laboratories, College Avenue, Newcastle-on-Tyne, designed by Professor W. G. Edwards. W. G. Edwards.

The threatened DESTRUCTION OF BERRY HEAD, the well-known Devon beauty spot, has been averted. The Minister of Town and Country Plan-ning has decided to limit future quarrying at Berry Head so that the headland itself will be relatively unaffected. He has also imposed conditions to ensure dust control, the disposal of all waste material within the excavation, and the removal of buildings and machinery when they are no longer required.

required.
This limited extension has been allowed in

the national interest as the present difficulties in supplying limestone for essential purposes are serious. The area to be worked will meet production needs of the companies concerned for approximately 14 years.

The consideration of investigating possible alternative sources of supply will be dealt with as part of a detailed examination of the production needs of the country, and of the location of the mineral deposits for supplying those needs, now being carried out the MOTCP in consultation with the industry, other government departments and local planning authorities.

NEW REGULATIONS relating to INDUSTRIAL BUILDING EXTENSIONS

are now in operation. Applications to local planning authorities for permission to make small extensions to industrial buildings will no longer require a Board of Trade certificate. Hitherto a certificate stating that the proposed development was consistent with the proper development of industry was required for any extension if the floor space of the original building, with the extension, would exceed 5,000 sq. ft. The new regulations provide that any extensions which do not aggregate more than 5,000 sq. ft. of floor space over any period of three years since July 1, 1948, will not require a certificate.

A CHICAGO INSTITUTE OF DESIGN exhibition is to held at. the CID

The Council of Industrial Design have secured on loan from the Chicago Institute of Design an exhibition which demonstrates of Design an exhibition which demonstrates the principles and methods of instruction employed in this renowned school for the training of designers. The exhibition will be opened at Murray House, Petty France, S.W.1, on June 28 by Mr. Robin Darwin, Principal of the Royal College of Art, and will remain open daily from 10 a.m. to 5 p.m. and on Saturdays from 10 a.m. to 12 noon, until July 29.

All interested in the subject of industrial design, and particularly those concerned with the training of Britain's future designers, will have an opportunity of studying methods

have an opportunity of studying methods of design training employed in the USA-Diagrams and photographs will illustrate the Institute's methods of teaching.

The BIRTHDAY HONOURS. This year's list includes the following

awards:

Wrights Bachelor: James Barr, senior partner, James Barr and Sons, surveyors, Glasgow; Frederick Lucius O'Brien, chairman, North Ireland Housing Trust.

man, North Ireland Housing Irust.

C.B.: H. Kendrew, under secretary,
MOW; T. C. W. Mitchell, under secretary,
Department of Health for Scotland; H.
Symon, under secretary, MOH.

Imperial Service Order: S. D. Charles,
principal, MOTCP; T. N. Mclay, senior
architect, Ministry of Finance, Northern
Ireland; C. J. Newman, regional manager,
south-west region, Central Land Board and
WDC.

C.B.E.: W. Crane, chairman of housing committee, Nottingham County Council; B. C. Hammond, county surveyor, Worcestershire; H. Parry, chairman of planning

cestershire; H. Parry, chairman of planning committee, Caernarvonshire County Council; W. A. Rutter, chief architect, MOW; R. B. Shepheard, chief surveyor to Lloyd's Register of Shipping; W. B. Vince, assistant secretary, MOTCP; E. G. Wylie, principal consulting architect to Scottish Industrial Estates, Ltd.

O.B.E.: A. H. W. Abbott, regional manager, southern region, WDC and Central Land Board; H. R. Coales, architect, MOH; T. R. Estingham, assistant chief architect, MOW; T. C. Howitt, Nottingham, architect; A. R. Potter, secretary, TPI; G. R. Pound, senior planning officer, MOTCP; G. A. Reay, superintendent, Torry Research Station, DSIR; J. Robertson, county road surveyor, Dumfries; C. G. county road surveyor, Dumfries; C. G. Sprigings, chairman, regional joint com-mittee of the Southern Counties Federa-tion of Building Trades Employers.

NEWS IN BRIEF

The new inner dome for the Albert Hall will be of aluminium instead of glass. It is expected that this will provide much more efficient heat insulation and sound absorption. Work on the inner dome will, it is hoped, be completed this year. The cost of reconstruction has amounted to about £45,000.

The Leverhulme Scholarship (value £1,000), tenable at the Architectural Association School of Architecture, London, which includes payment of fees and maintenance for five years, has been awarded this year to Mr. N. R. Grimwade (Cheltenham Grammar School and Cheltenham School of Art).



The symbol of the Festival of Britain 1951, designed by Abram Games, F.S.I.A. This design shows the head of Britannia surmounting the star of the compass. The colours are red, white and blue, alternately patterned on a gold ground.

LCC HOUSING: A FINAL WORD

THE controversy about the architectural standard achieved in the Housing Department of the London County Council has run its course. The JOURNAL has printed some fifty letters sent in by architects at the LCC's invitation. In accordance with its original promise it will continue to give space in its correspondence columns to any further opinions that architects may wish to express, but the time has now come when a few words of summing up may be useful. The vast majority of the letters have offered adverse criticism, and it is hoped that they have served the purpose of drawing the attention of the LCC as a whole to the dissatisfaction felt in the profession with many aspects of their housing work, and will lead the Council to review the whole housing set-up. This is clearly necessary irrespective of whether the fault lies with the Housing Architects, with the restrictions within which they have to work, with the LCC's housing policy generally or with the difficulty, of which we are so conscious nowadays, of producing good architecture through the medium of a huge public office.

Besides their tone of adverse criticism, the most notable characteristic of these fifty or so letters has been the strongly expressed view that criticism should be constructive. Architects have sincerely tried to see the problem from the LCC's point of view, and to offer positive suggestions as to how London housing might be improved instead of merely complaining that it is not better. That some positive ideas should emerge from it is clearly the main justification of a public controversy of this sort, and the JOURNAL itself hopes to contribute some more ideas shortly in an article on the many problems with which the LCC are faced, contributed by a group of experienced housing architects and planners. That the LCC themselves welcome new ideas is also made clear by the fact that it was they who took the initiative. The way they met criticism was by staging an exhibition and inviting still more criticism, an action which has already been acclaimed in the JOURNAL and elsewhere.

This brings us to the wider question of criticism generally. In the JOURNAL's view the special value of the controversy about LCC housing has been the precedent it has set and the interest it has aroused in the technique, the limitations and the advantages of free public discussion of current architecture. It was only by chance that the LCC provided the occasion for these important issues to be raised. Other branches of architecture than housing, other architectural offices than that of the LCC Housing Department, offer themselves as equally suitable subjects for criticism, as long as it is done with understanding of their problems and with the object of helping them to find ways of improving their standard of work. JOURNAL, in pursuing this subject, is not interested in justifying itself at the expense of the LCC or of anyone else. It is interested in overcoming the apathy, timidity and misguided reticence that allows bad architectural work to be done without

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any protest from the very people who should be most concerned with raising architectural standards. The JOURNAL therefore plans to continue to foster constructive criticism of whatever category of building seems to demand it, and is confident that in doing so it will have the support of the architectural profession.



The Architects' Journal
at 29, Queen Anne's Gate, Westminuter, S.

9, II and 13, Queen Anne's Gate, Westminster, S.W.I
Phone: Whitehall 06II

N O T E S &

FIFTY-FUN AND GAMES

Reproduced on page 537 (but not, alas, in colour) is the official 1951 symbol-the winning design by Abram Games which has been chosen by the Festival Council from entries received in a limited competition between a dozen or so selected designers. doubt it will receive its share of criticism during the next few weeks-among comments already overheard are that Britannia looks too much like Marianne of France, that the head looks uncomfortably impaled, and that there ought to be a lion somewhere around-but I suspect we shall all get fond of it in time, and certainly it has the vital virtue of simplicity and the flags-why can't they be a signal by the way? - are suitably festive.

The symbol made its first public appearance upon the programme cover of a monster meeting of heads of local government held last week at the Guildhall, when the Festival of Britain programme and organization was explained and the enthusiastic support of the nation's local authorities invited. In addition to the official programme previously announced we are now promised—a most excellent idea this

one—a travelling exhibition, housed in an aircraft-carrier, which will visit our principal ports. There are also to be regional festivals of the arts and a national wash and brush-up campaign to ensure that Britain looks its best in 1951. "Here is a chance," said London's Lord Mayor, "to bring to fruition some plan which, but for 1951, might have remained longer on the shelf."

Architects whose shelves are as heavily loaded as most will, I think, welcome this encouraging message, and no doubt will start badgering local authorities right away with suggestions. I have a few modest ones in London to start with. Replace the ugly blockhouse in Hardwick's lovely Euston Hall with something better. Get a really well-designed Royal dais made for outdoor ceremonies-the usual scaffold mock-up is a disgrace. Clean up and re-seed Berkeley Square. Repair at least the temple and bridge in Chiswick House grounds; don't clean Cleopatra's needle nor the Duke of York's column; pull down Airways Terminal at Victoria and sell the statuary to any South American republic with a vacant plinth; spruce up the abandoned observatory at Greenwich; move the Burghers of Calais to a better site; carry out part, at least, of the Review plan for Parliament Square; mend the gap in Somerset House; release Queen Anne from her cage in Queen Anne's Gate. Any more suggestions?

ASTRAGAL ON THE CARPET

I suppose the letter from the chairman of the organizing committee of the recent international students' conference, printed on another page, calls for some comments from me. But all I can say is that I am sorry if some rather irritable remarks of mine (inspired by an impression I obtained at the only session of the conference I was able to attend) that the students were a bit slow coming to the point, gave offence. As to what is the point: of course I

agree with everything the writer says about the necessity of architects being aware of the conditions—political and otherwise—in which they have to work. It has been said so often in these pages (and the good purpose served by such international meetings has been so often emphasized) that I can't help feeling that I, and the AJ, might have been given credit for continuing to believe it. The AJ leading articles quoted in Mr. Kay's letter in support of his arguments are perhaps my best answer.

I will resist the temptation of explaining why I wish people wouldn't discover "insidious misrepresentations" and "attempts to belittle achievements" in every personal grumble, as though all commentators were engaged in some sinister underground conspiracy. If I defined this attitude as humourless I would be told the subject was not a humorous one, and that would be quite correct and I wouldn't know what to say next. So let me assure Mr. Kay and Mr. de Syllas that I am on their side really. Let us leave it at that and look forward to more (and merrier) international student conferences.

FULL SIZE MECCANO

In October last year I pointed out that nearly all prefabs provide only one type of house, and suggested that wall and roof units fitting into any plan were more likely to provide a long-term answer to the housing problem.

My remarks roused a Devonshire architect, Mr. R. Henderson, to write and tell me that he had designed an answer to this problem, and last week I saw his system of construction (of which some parts are shown on the opposite page) and had an opportunity of handling it. The basic component is a channel in extruded aluminium of one inch square section, with holes punched in it. These enable two to five channels to be joined by connecting keys at any point on a module of three inches. The assembly of the structural frame on the site, after the foundations have been levelled, can be done entirely with a hammer.

I have fiddled with the bits and they are extremely easy to put together —

says being and work. pages such n so help have ng to rticles pport y best

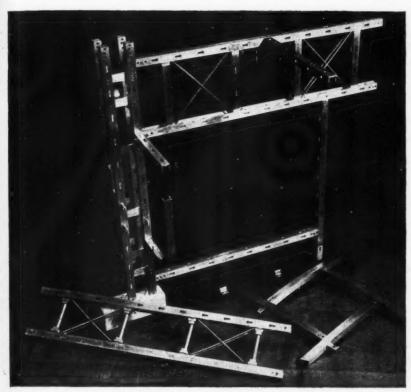
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A new pre-fab system just shown to Astragal. See below and page 536. A few samples of the many variations of stanchion and beam which can be rapidly assembled from the basic elements.

much easier and quicker than a boy's Meccano set. I confess to be unable to see the drawbacks of this system; perhaps a reader can suggest some. If not, an important milestone has been achieved: the first stage in the evolution of a really flexible system of prefabrication.

NEW IDEAS FOR THE OLD VIC

Happening to lunch at the AA last week, I was inveigled into having a look at the work of some 4th year students which was on exhibition. The programme was based on the requirements of the Old Vic Theatre School and was prepared in collaboration with Michel St. Denis, the Director of the Old Vic Theatre Centre.

At the opening of the exhibition, attended by distinguished figures in the theatre-Mr. St. Denis himself, Roger Furse, Sir Kenneth Barnes, the indefatigable Allen Lane and Mrs. Lane-Robert Jordan, the Principal of the School, pointed out that here was a chance for those who are professionally concerned with the theatre to get a lot

of fresh ideas. And there were certainly plenty on show.

To those who object that schools of architecture should devote their time to more immediate architectural problems, Mr. Jordan pointed out that by the time these students are established in practice such buildings will again be possible. Incidentally the students of the Old Vic School collaborated on some aspects of the work, and pupils from Westminster School, which has always shown a lively interest in drama, came along to see the excellent models. A selection of the projects will shortly be seen at the Building Centre. Go and have a look.

CIAM SUMMER SCHOOL

I wrote recently about the CIAM Summer School which Maxwell Fry is directing at the AA in August. Enrolments from abroad, I am told, have been flowing in recently and postgraduate students are coming from Sweden, Switzerland, Italy, Austria, Argentine, Canada, Belgium, Holland, Poland and the USA, and probably from France and Denmark as well.

But one or two vacancies remain among the places kept open for British These will be filled soon. Apply to Dan Stanton, 34, Gordon Square.

ASTRAGAL

LETTERS

W. W. Scott Moncrieff, F.R.I.B.A. Robert Townsend, A.R.I.B.A. Leo de Syllas, A.R.I.B.A. (Thurston Williams Howard Walker John Kay

LCC Housing

-This idea of living vertically in flats is continental in origin and not British, and we British will never make a success of it. Not that the continentals have made a success of it either. I have lived in Scandinavia and often go there now, and their efforts to my mind are even worse than those of the LCC. A matter of taste, of course.

entorts to my mind are even worse than those of the LCC. A matter of taste, of course.

The latest trend in Denmark is to go back to the "row" house, each with a very small front garden and narrow strip gardens at the back, which they manage to make very attractive. In any case this running about after continental models is a confession of weakness and tends to atrophy our native invention. For goodness sake let us begin by simplifying our problem by tackling it with our own inward vision and inspiration and stop this running after foreigners. This way the issues are broadened too much, and by reliance on our native genius we are more likely to regain our place as leaders instead of being followers—and mediocre followers at that—for all following of this kind is mediocre and a neglect of, and so an insult to, our intelligence. A disgruntled intelligence won't function properly. Hundreds of brains all over the world have been trying to solve this problem of vertical living, and it has not yet, nor ever can be, solved satisfactorily. The principle of "every man his own pitch on terra firma" has never been surpassed. It is the true principle. Man was not intended to live skywards. It is useless to try to get round it. It is in fact so old fashioned that it goes right back to prehistoric fundamentals which cannot be upset. Economic considerations, which are the cause of its breach, will not alter it, nor professors of science with their genius for destruction.

It might be possible to argue that an LCC flat dweller translated (or shall I say

for destruction.

It might be possible to argue that an LCC flat dweller translated (or shall I say directed) to a really ideal pitch on terra firma would miss the oratorio of the plugs and wastes which used to enchant him as he mused at sunset on his five foot balcony. Such is the power of love to gild the pill of our imperfections.

of our imperfections.
On the whole, then, let us say, "Well done LCC. You have made a valiant

attempt and have failed only because you have attempted the impossible.'

W. W. SCOTT MONCRIEFF

-You will doubtless have received numbers of letetrs from architects discussing in detail the housing schemes exhibited at County Hall. Reiteration is apt to become wearisome, and it is perhaps more useful to draw attention to some general questions which arise from a consideration of the exhibition. Before doing so I would like to suggest that the argument that the schemes illustrated represent the best that can be done for the money in the time and on the standards laid down by the Ministry of Health is fallacious, and even Prof. Richardson would, I think, admit that there are housing schemes erected by borough councils satisfactory and stimulating than those at County Hall.

The main point I would like to make, however, is that an attitude of mind is rapidly becoming endemic which is satisfied with what is believed to be the best that can be done for buildings of this type, with be done for buildings of this type, with similar programmes for working class families. In other words, so many public departments—the LCC is not unique—regard working class housing as a special kind of architecture and not a special architectural problem. One has often heard the comment, "Not bad for working class flats or housing." This attitude, insufferably patronizing, should no longer be regarded as satisfactory, least of all to achitects.

What I am suggesting is that we cannot

What I am suggesting is that we cannot tolerate two standards of architecture. As a matter of fact we are approaching the single standard level, but unfortunately at the lower and not at the higher level. The old excuses, such as "the best that can be done for the money," have largely vitiated any serious attempt to tackle the problem of

one would feel much happier, and I am sure the architects now working in the LCC Housing Department would feel much happier, if each new site, as it was completed, was a more satisfactory piece of housing architecture and not a more skilfully composed jig-saw of plan types and a more cunning combination of stana more cunning combination dardized elements on a facade.

ROBERT TOWNSEND

Student Conference

reading the approved by the International Architectural Student Conference in another journal, I find ASTRAGAL'S comment (May 26) quite incomprehensible. Since the Conference was open to the press, I presume it was attended by a JOURNAL observer. It seems a pity, therefore, to omit to mention any of the positive achievements of the meet-ing, and misinform your readers with the remark that specifically architectural sub-jects did not come first on the agenda. In the short periods that I sat in the hall listening to the delegates, architecture seemed to be the only topic of discussion. I assume by architecture you do not only include the "styles" of the modern movement as a proper field for international discussion, and that you would agree that the exchange of reports on the architectural situation each of the delegates' countries was "architecture"—or that "Town Planning for the People" or "The Tasks of Architecture in the World today," are architecture.

But the public events of a conference are never the chief raison d'être of such meetings: architecture are never the chief raison d'être of such meetings.

ings; anyone who heard these students from all over Europe (and a few from the other side of the Atlantic) cross-questioning each other on their work and their way of life, and saw them wandering round London and saw them wandering round London from building to building and from office to office, politely and haltingly examining and asking about photographs and drawings, would not have felt that they lacked any

interest in architecture.

Anyway, I'm sure it would have been much better if your readers had been allowed to form their own judgment of what is "vague and inconclusive" by reading the original resolution, at least same issue as your interpretations of it.

LEO DE SYLLAS

SIR,—With reference to some of the recent statements in the technical press concerning the International Architectural Students' Conference, we would like to make it clear that the Arch.S.A. contains students of many different political opinions. We par-ticipate only in discussions and activities students of concerning matters of general public interest where, in the opinion of the Association, they directly affect architectural students as

THURSTON WILLIAMS HOWARD WALKER

President and Chairman of General Purposes Committee: Arch.S.A.

The organizational difficulties of the International Architectural Student Confer-

ence were not lessened by Astragal's comments of April 28 under the heading "Visibility Poor" (in fact visas were obtained in the end, after official delay, for all the 23 countries wishing to attend). A further attempt by Astragal to belittle the achievements of the Conference followed on May 26, but without any interim attempt by JOURNAL to report objectively its proceedings and recommendations. Astragal could not do better than read the JOURNAL editorial of April 21, which put a more positive and helpful point of view when saying "... at a time when post-war unity on any subject is fast disappearing it ill behoves anybody to disparage this youthful attempt." The practice of making journalistic comwithout reporting adequately the matter under discussion—a practice familiar enough in all too much of the national daily not one that is expected from responsible technical journals. In a concert of silence or misrepresentation, the technical press has prevented the positive achievements from reaching its readers, though with the honourable exception of the Architect and Building News, who gave the final resolution of the Conference in its comment of the Architectural Review, descending from its June issue's "Awakened Conscience" and simulators Conscience" and simulacra, was that the Conference "was concerned with politics as much as with architecture." To put this and other slight but insidious misrepresentations in a more complete context, I should like to summarize the main points of the resolution. It must be emphasized that this resolution was approved, after keen discussion and much amendment, by delegates from and much amendment, by delegates from South Africa, West Africa, Austria, Australia, China, Cuba, Czecho-Slovakia, Denmark, Finland, France, Great Britain, West Indies, Iraq, Italy, Poland, Roumania, Sweden, Syria-Lebanon, Viet-nam and Yugoslavia, with only 3 Italian dissentients. The delegates voted individually and not, as has been suggested falsely, in "bloc" votes. For countries with such widely differing viewpoints to reach the agreement shown in

The resolution opened by deploring the war preparations that are being made in certain countries, because "for us, as architectural students, peace means the only possibility for working at the job for which we are trained. Our wish and our task is that of designing and building in order to raise the living standards of our peoples and to bring to them the beauty of construction as against the horrors of destruction. . . . We support any Congress that has a sincere desire for peace, and therefore we have sent

viewpoints to reach the agreement shown in this resolution is itself an achievement, as

students of international affairs will appre-

our greetings to the Paris Peace Congress. In doing so we join all those who believe in the resolving of outstanding international problems by negotiation rather than be torce, in the tramework of the UNO. Astragal questioned the priority given by the Conterence to the need for ensuring the peacetul preconditions of architecture, saying that "specifically architectural problems should surely come first on the agenda." He cannot seriously suppose that the coming generation of architects can afford to ignore the possibility of the destruction of everything it is hoping to build.

The resolution went on to stress that to produce an architecture expressive of the desires of the people, architects should be drawn from all sections of the people and must as students, participate actively in their social life. Astragal cavilled at the suggestion that architects should build primarily for the needs of the people before those of the individual client, implying that this attitude led to the sort of building recently exhibited by the LCC Housing Départment. faults that are evident in the LCC Housing spring, in fact, from a disregard for the needs of the people who are condemned to

live in them?

The resolution continues: "The study of architecture should be based on the scientific analysis of the national heritage, which cannot be developed without national independence, and the study of the popular architectural vernacular which can be the source of the development of a vital national architecture carrying forward the artistic experience and consciousness of the people. borrowing of forms from other countries as well as from each other." This, together with the plea for the international recognition of actional recognition of actional recognition of actional recognitions are actional recognitions of actions and actional recognitions are actionally actional recognitions and action actions are actionally actional recognitions and action actions are actionally actional recognitions and action actions are actionally actional recognitions. tion of national professional qualifications, reinforces the request made in the JOURNAL editorial of April 28 for an international agreement which "... should surely mean an international appreciation of standards, of technique and of architecture without implying the loss of national tradition."

The Conference, as students, emphasized that their training must include practical building work to complement their theoretical studio projects, and that the programmes for these projects must be based on the actual architectural problems of the moment. The importance of the student's participation in his own education was underlined. The extensive national reports, which Astragal may obtain, show just how much the delegates did succeed in "learning of architectural conditions in each other's

countries.'

Finally the Conference recommended that the IUS should organize travel and exchange for practical training, should promote the exchange of technical journals and information and of international exhibitions. These are, in fact, already being carried out. It is this swift implementation of these recommendations that exposes, for the little it is worth, the cynicism of the Review's Mar-ginalian comment, ".. one need not accept . one need not accept all its clichés at their face value.

The rôle of the British Arch. SA in this Conference, apart from our participation on equal terms with other countries, has been that of host, with other countries, has been that of host, with the physical organization of the Conference by the British Organizing Committee. The Organizing Committee wish to extend their sincere thanks to all the students and members of the profession, without whose freely-given assistance their task would have been far more difficult. To quote, in conclusion, once more the JOURNAL editorial, "Out of the very effort of organization, out of the mere attempt to understand the problems of other nations, can only spring good." And I am sure it

Chairman. Organizing Committee. Congress.

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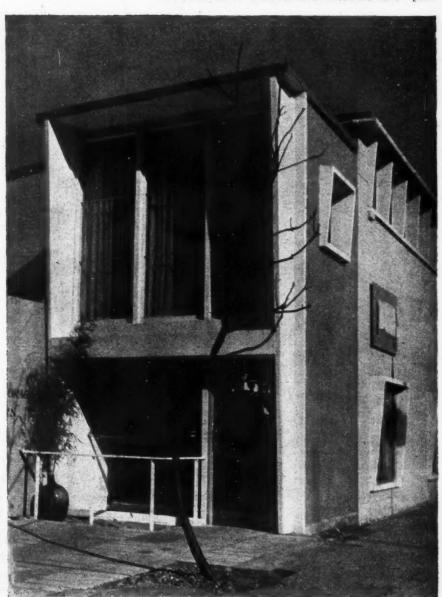
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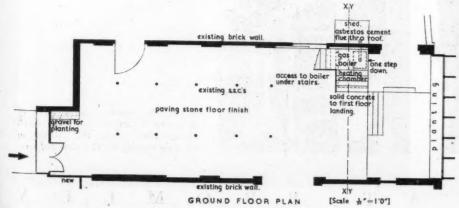
JOHN KAY



The front entrance to the furniture shop.

SHOP AT BROMLEY

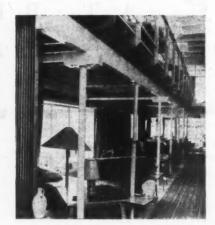
DESIGNED BY BERTRAM CARTER



GENERAL. — Conversion of a derelict brick shell into a temporary furniture shop for H. G. Dunn & Sons, Ltd. until rebuilding becomes a possibility. The new temporary shop has been designed by Mr. Bertram Carter, in close co-operation with Mr. Geoffrey Dunn. A full description of the shop appeared in the Architects' Journal for April 12, 1947. The main contractor was Messrs. Thomas and Edge. For list of sub-contractors see page 549.







Above, the window at the rear of the shop. Extreme left, the main shop; window. Left, the interior of the shop showing the first floor balcony.

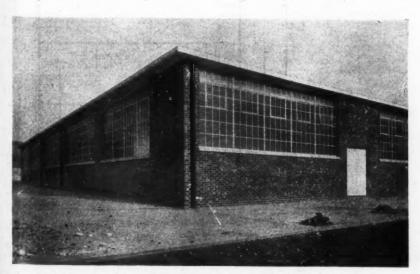
S H O P A T B R O M L E Y



The main entrance.

FACTORY AT BRIGHTON

DESIGNED BY R. SEIFERT



Rear of the factory showing windows of the manufacturing area.

GENERAL.—The factory is the first to be erected on the Holling-bury Industrial Estate under the auspices of the Brighton Corporation. The building has been leased to a private firm and the planning has been carried out to their requirements.

LAYOUT.—The site was chosen because of the ideal conditions for light industrial development. The location is on the Sussex Downs within five miles of the Brighton seafront.

On clearing the site prior to the commencement of building operations it was found that the rock-like chalk strata could not be excavated without the use of mechanical drills. Foundations

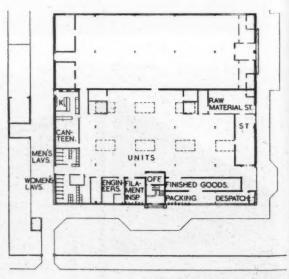
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View of the main entrance showing the glass-brick surround to the main doorway.

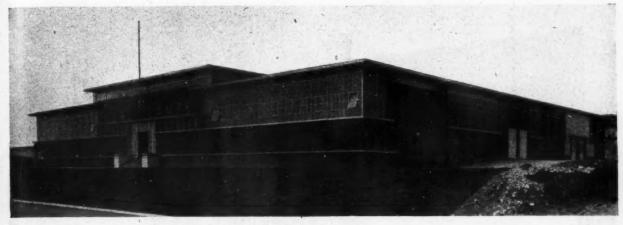
were approved at depths varying from one to three feet, and this resulted in considerable savings on the lengths of steel stanchions.

PLANNING.—The layout provides a single building divided into two separate production sections. The main factory has a central production space specially designed for the installation of process units to manufacture car bulbs. It was essential to plan the layout for easy circulation to cover (1) the supply of storage of raw materials, (2) production units, (3) bulb washing, (4) filament room, (5) packing, (6) testing, (7) despatch. It was important to restrict natural light whilst introducing direct ventilation; a number of specially designed concrete roof lantern lights were installed to meet this requirement. absence of any form of condensation was important and this problem was overcome by spraying the ceiling with a composite cork



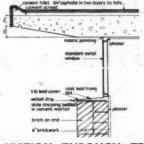
GROUND FLOOR PLAN
[Scale: 45°=1'0']

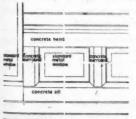
FACTORY AT BRIGHTON





SECTIONS THROUGH EAVES AND WINDOWS



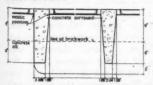


ELEVATION

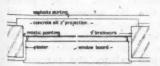
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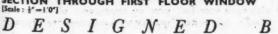
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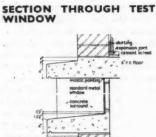


PLAN DETAIL OF FILAMENT INSPECTION

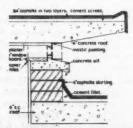


SECTION THROUGH FIRST FLOOR WINDOW [Scale: 1'-1'0']





SECTION THROUGH



SECTION THROUGH EAVES

and plastic compound. The staff entrance, lavatories, canteen and first aid room have been grouped close to the production centres.

Top: view of main elevation of the factory. Above: side elevation of the factory showing the load-

ing bay.

CONSTRUCTION.—The building is steel-framed with floors and roofs constructed of reinforced concrete. The walls are of brick cavity construction 11 in. in thickness. The unit production floor has a composite bitumastic surface, whilst the secondary factory floor is in granolithic covering.

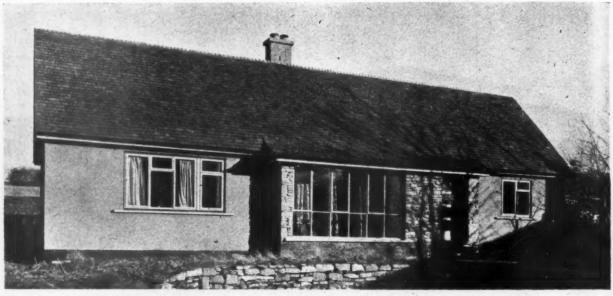
SERVICES.—The heating is by means of gas unit heaters, which have proved to be the most economical method of heating in view of the heavy use of gas for

the factory process.

The main contractors were McKellar and Westerman, Ltd. For list of sub-contractors see page 549.

EIFERT





From the south.

HOUSE AT DUNDEE

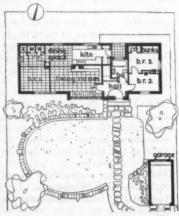
DESIGNED BY DAVID HARVEY

GENERAL.—The house was planned within the limitations of the regulations in force at the time. The living area was made as big as possible and dead areas of corridors reduced to a minimum. Bedroom one contains a washhand basin and shower; bedroom two is for the children's nurse and is between the children's bedroom and the rest of the house. The pram space off the hall is 4 ft. high and above is a drying cupboard containing the hot water storage tank with access from the kitchen side. Flues are in the middle of the house with the stack near the ridge so that as little heat as possible is lost from them. Other rooms have electric fires in tiled surrounds on walls.

CONSTRUCTION .- Walls: 41-inbrick, 3-in. unventilated cavity, 4-in. clinker block, plastered-Floors: 5-in. hard core, blinded, 4 in. no fines concrete, asphalte membrane, 4-in. concrete. Finishes: resin board in hall, bathroom, kitchen and two small bedrooms, and 24-in. strip fir 4 in. thick in bitumen, and stained and polished. Partitions: 41-in. brick plastered except two walls in living room, Fireplace: random rubble with recessed joints, 11-in. firebrick concrete fender with open ends for brushing out. Roof: colt cedar shingles. The shelves in the living room and access steps to the attic are precast concrete, built into brick coursing.

Considerable attention has been paid to the conservation of heat, in the choice of materials, and in the orientation.

FINISHES.—Walls are rendered externally with cinnamoncoloured cement paint which, with the grey cedar shingles and the vandyck brown sub-frames and pale yellow frames of the windows, produces a more cheerful and pleasant colour scheme than the usual dirty-grey Scottish harling. In the living room the brickwork is distempered a dusty pink, the chimney breast rough plaster retains its natural colour and the plaster walls are a pale indigo blue. This, with the richness of the floor timber and the various colours and textures of the stone and slate, seems to give an appearance of reasonable quality without excessive expense.



GROUND FLOOR PLAN

(Scale: #"-1'0")



Perspective view of the proposed block of flats.

FLATS DESIGNED BY F. R. S. YORKE, E. ROSENBERG & C. S. MARDALL

GENERAL.—This project for a block of flats was designed by the architects for the Orlit Co. Ltd., using their system of construction. The height of the most commonly used pre-cast concrete constructions is limited to one or two storeys because of the difficulty of providing an efficient, simple and economical vertical connection between the columns, and because the other alternative of pre-casting very long columns involves great difficulties in handling, transport and erection.

In this scheme the construction is made possible by the simple and efficient joint between the columns. This joint reduces the difficult problem of connecting two vertical load-bearing members to a simple unskilled operation and greatly increases speed of erection. A study of an 8-storey block of flats was made by the architects and the structural design was prepared by Mr. Z. Pick.

CONSTRUCTION. - The con-

struction of this block is based on a pre-cast concrete, monolithicallyconnected load - bearing frame, which is designed to carry all floor and roof loads, whereas the cladding is independent of the frame and carries its own weight only. The advantages of this arrangement are manifold. The cladding, not having to carry floor and roof loads, can be more accurately designed for the other functions an outer wall has to fulfil (exclusion of water, thermal and sound insulation, dimensional stability, etc.). The roof can be erected immediately the frame-work is up and all other building operations can be carried out under cover. A wide range of materials and a combination of different materials can be used for the cladding. The loadbearing frame consists of columns and main beams which support the secondary beams, and these in turn carry the roof and floor members. In connecting the structural elements together it is borne in mind that the strength of the whole

structure is derived not only from the structural strength of the separate elements, but also from the method of connection which makes the construction react as one unit against all forms of loading and movement.

There are two types of joint in this type of construction; one is the metal joint between each lift of columns, the other is the *in situ* joint between the columns and beams.

The standard cladding forms a cavity wall constructed of a dense or lightweight concrete inner leaf (according to the insulation required) and of a 2-in. thick outer skin made of concrete with a precast stone finish in a wide variety of colours and textures. The stone facing forms an integral part of the slab to avoid cracking of the finish, crazing, scaling or flaking. The outer and inner leaves are connected with galvanized metal ties. Each storey of the cladding is supported by the load-bearing frame.

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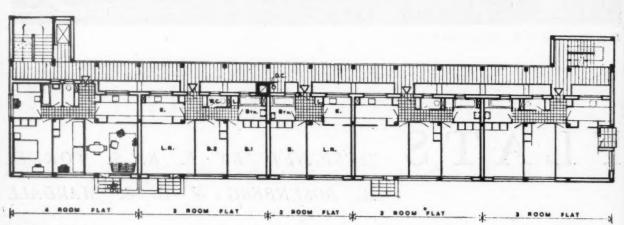
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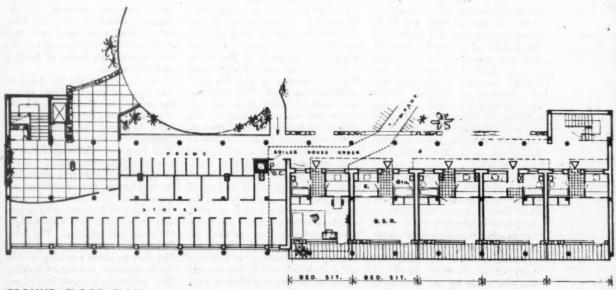
expense.



ELEVATION OF THE PROPOSED BLOCK OF FLATS



FLOOR PLAN

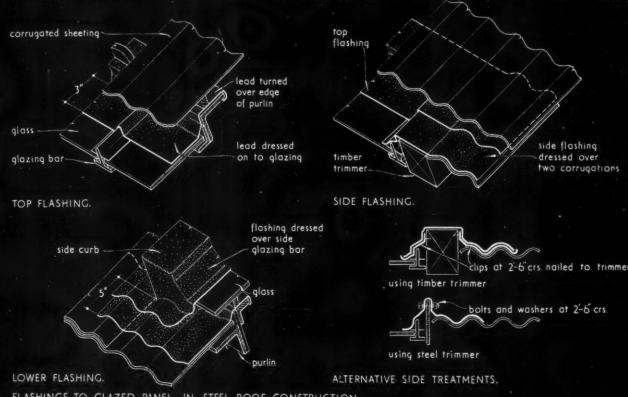


GROUND FLOOR PLAN

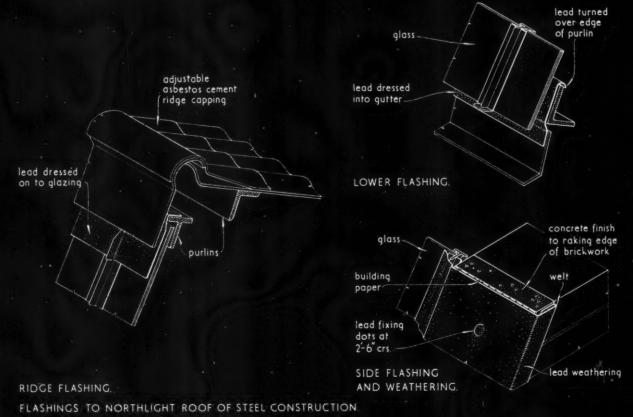
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FLASHINGS TO GLAZED PANEL IN STEEL ROOF CONSTRUCTION.



LEAD FLASHINGS: STEEL ROOF CONSTRUCTION: GLAZED PANEL AND NORTHLIGHT.

Compiled from information cupolied by The Land Industries Development Council

10.G20 LEAD FLASHINGS: STEEL ROOF CONSTRUCTION: GLAZED PANEL AND NORTHLIGHT

This Sheet describes the fixing of sheet lead flashings to a glazed panel and a northlight in roofs of steel construction. Lead sheet is widely used for flashings to all forms of patent glazed roof. It can be used in contact with another metal—zinc, copper, aluminium or iron—without the risk of electrolytic action. Where a third metal is present protection of the least noble metal, e.g., by the use of bitumen paint, is necessary. The flexibility of lead sheet allows it to be dressed to the difficult shapes met with, and to the glazing, with close contact.

Glazed Panel

Top flashing: It is not common practice with metal rooflights to fit a curb at the head of the glazing with a small back gutter, as has been the traditional practice with timber-framed rooflights. Rainwater from the upper part of the roof therefore discharges straight on to the glazing. The lead flashing is carried down the glazing a minimum of 3 in. and is dressed into close contact. The top edge is carried over the steel angle and turned round the edge to obtain a fixing. To prevent rain and snow driving under the roof eaves filler pieces are obtainable for use with certain forms of roof sheeting. Alternatively, a timber batten shaped to suit the profile of the sheeting may be used.

Side flashing: An efficient fixing for the side flashing is obtainable if a timber side trimmer is fitted. The flashing is dressed over the side glazing bar and over at least two full corrugations of the roof covering. The trimmer allows the use of 2 in. wide lead or copper clips to secure the flashing. The clips are fixed to the timber at 2 ft. 6 in. centres and are turned over the edge of the flashing. An alternative method of side flashing is to use a mild steel flat section trimmer instead of timber. The flashing is then secured with nuts, bolts and washers at 2 ft. 6 in. centres.

Lower flashing: The flashing is dressed down the roof slope a minimum of 5 in. and at its top edge is turned over the steel angle to obtain a fixing.

Northlight

Ridge flashing: In the construction shown the flashing is turned over the edge of the purlin to obtain a fixing. The flashing is carried down the roof slope 3 in.

If a timber member is fitted at the ridge a good fixing is obtained for the flashing by copper nailing.

Lower flashing: In the construction shown the upper edge of the flashing is turned over the purlin and the lower edge dressed into the gutter. If a timber member is fitted the lead can be fixed by copper nailing and the upper edge welted to form a condensation drip.

Side flashing and weathering: Where the glazing meets an end gable wall a suitable treatment is to fit a combined side flashing and weathering for the raking edge of the wall. The lead is fixed with cast lead dots at 2 ft. 6 in. centres. It is dressed over the side glazing bar on to the glass and the other edge is finished with a single welt. An underlay of stout waterproof building paper should be laid under the weathering. When the end wall is a parapet wall stepped flashings or similar are used for the side flashing.

Sizes and Weights of Lead

Each piece of flashing before fixing should not exceed 8 ft. in length.

For flashings to patent glazing the usual practice is to use 4 lb. lead. For the combined flashing and weathering shown lead of 5 lb. minimum should be used.

Lapping

Laps should not be less than 4 in., or 5 in. to 6 in. for flashings to low pitched roofs.

Further Information

The Lead Industries Development Council maintains a Technical Information Bureau which is available to answer questions and advise on technical problems dealing with this subject generally.

Compiled from information supplied by:

The Lead Industries Development Council.

Address: Eagle House, Jermyn Street, London, S.W.I.

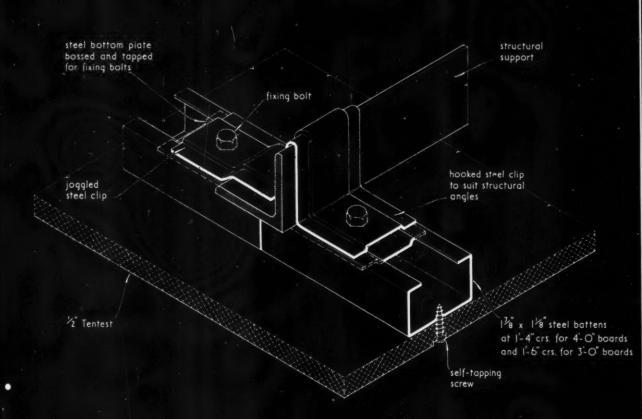
S.W.1. Telephone: Whitehall 7264.

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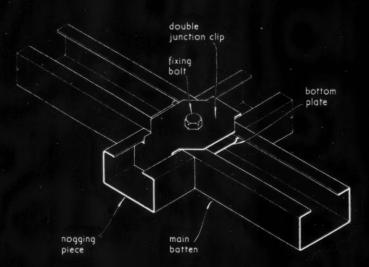




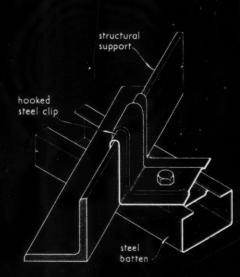
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GENERAL ASSEMBLY OF COMPONENT PARTS.



DETAIL OF CONNECTION AT INTERSECTION OF BATTENS.



DETAIL SHOWING CLIP SWIVELLED TO SUIT SUPPORT NOT AT RIGHT ANGLES TO BATTENS.

TENTEST ADJUSTABLE METAL FIXING FOR BUILDING BOARDS.

Manufacturer Tentact Eiken Roard Co Ltd Committee Company

26.J6 TENTEST ADJUSTABLE METAL FIXING FOR BUILDING BOARDS (Patent No. 460035)

This Sheet describes a system of board fixing combining the use of Tentest or other suitable building board and rust-proofed steel channel section battens. The system is applicable to flat or curved ceilings and linings to walls and roofs of steel framed buildings and provides a clear surface leaving no steelwork or metal cover strips visible when the lining is in position. Individual boards can be removed or replaced without disturbing the rest of the lining.

General System

The steel battens are clipped to the main structural steelwork with suitably shaped clips which allow for any required lateral adjustment before tightening down. The clips can also be swivelled to suit structural supports which are not at right angles to the battens. Nogging pieces are formed from short lengths of steel batten, clipped to the longitudinal battens and the lining board is fixed direct to the underside of the battens with self-tapping screws.

Spacing of Structural Supports

With a lining of $\frac{1}{2}$ in. Tentest the structural supports can be spaced up to 8 ft. 3 in. centres. No drilling or special fabrication of the structural frame is necessary.

Spacing of Steel Battens

These are normally spaced at 1 ft. 4 in. centres for 4 ft. wide boards or 1 ft. 6 in. centres for 3 ft. wide boards, cross noggings being inserted at the ends of the boards so that all edges are supported.

Joints

Edges of boards can be left plain or rounded or the joints covered with cover strip.

Weight

The weight per square foot of the construction with $\frac{1}{2}$ in. Tentest is 1.25 lb. and with $\frac{3}{8}$ in. plaster board 2.21 lb.

Finish

The surface of the lining boards can be finished with any applied decoration or with plaster. For special purposes, such as acoustic control, Tentest may be left without applied finish.

Curved Linings

Curved linings are carried out without difficulty by using steel battens curved to the required radius.

Special Loads or Spans

When required for special purposes, or to support heavy loads, a special deep section can be used in place of the standard channel section steel batten.

Applications

Tentest adjustable metal fixing is suitable for use in schools, churches, halls, offices and similar buildings. Installations carried out 13 years ago have been found on recent inspection to be in sound condition.

Compiled from information supplied by:

Tentest Fibre Board Co. Ltd., Specialised Construction Dept.

Address: 75, Crescent West, Hadley Wood, Barnet, Herts.

Telephone: Barnet 5501 (5 lines).

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

HC

Jean Mann and Hugh Molson

May 17. Extracts from talks on THE Housing Bill given to members of the Housing Centre, 13, Suffolk Street, S.W.1. The chairman was Mr. Leigh-Breese.

Jean Mann: One of the main objects in regard to the provision of houses was to delete the reference to the "working classes," and to provide for the extension of the sum which might be advanced or guaranteed for inmight be advanced or guaranteed for increasing housing accommodation. This was dealt with in Clause 1 of the First Schedule of the new Housing Bill. The reference to the working classes had always constituted a difficulty.

Sometimes, in some of the Acts, provision had been made for building "for the lower paid wage-earner." But who was he? What was the limit which constituted membership of the working classes? Some

membership of the working classes? Some local authorities thought £3, some £5, and some £8, but no Minister ever really defined

Nevertheless, in spite of this, houses were built for the working classes; in Scotland, housing schemes; in England, housing setters. Many of them were fine houses, but it was frequently felt that there was a certain lack of the community spirit-a lack of variety in design and personnel. More-over, designs were necessarily more or less standardized because architects were standardized because architects

standardized because architects were cribbed, cabined and confined owing to the restricted price limit.

Now, under this new Bill, an expansion was visualized so that our housing estates should no longer be merely schemes but real communities. The Bill was now in the committee stage. She was on the Scottish committee and did not know whether Mr. Molson, who was on the English committee. Molson, who was on the English committee, would agree with her views. She gathered that his Party did not wish to see so much control in the hands of local authorities,

but would prefer to see private enterprise building some of the houses. There was much to be said for this view. But there was also much to be said for the authority having some control over the development and architectural design of its community. about to get. This was something we were

PROVISION FOR CONVERSIONS

Then there was the clause which enabled local authorities and private owners to undertake improvements, and grants would be made in respect of approved proposals. Proposals might be to promote the improvement of existing houses and the conversion into houses or flats of existing houses and other buildings. There was some criticism of this clause in Scotland, because it was thought the labour and materials might be thought the labour and materials might be drawn from the important work of providing new houses. But in Scotland, as in England, there were many big houses of three storeys. Often the owners could not find the necessary servants for their upkeep, or, if they were getting old, they could not tackle the stairs, and so they might wish to convert their houses. If two or three dwellings could be provided by means of conversion, then she thought this would be exversion, then she thought this would be excellent. To the criticism that labour and materials might be diverted from new work, it might be said that a good deal of this conversion work would be going on inside these houses, and probably could be carried out in the winter time, when the weather would not interfere with internal conversion, but would prevent external work on new building. And so it comed timely that new building. And so it seemed timely that the clause should appear in this Bill, especially as conversion would be the means of providing additional dwellings so badly needed.

The Bill, she thought, would be amended, but it could be amended to suit as many as possible. She believed it was a good Bill and deserved the support of every-

Hugh Molson: The Bill might have been called a Miscellaneous Provisions Bill. It was not intended to be a major housing measure, but was to amend and expand the Acts already on the Statute Book. The Minister took advantage of this opportunity to carry out a number of changes in the existing law which experience had shown to be desirable. desirable.

The first point of controversy concerned grants. Was it justifiable for grants to be paid from public funds to the private owners of houses for the reconditioning of their property? Certain people in the Labour Party took the view, which they had expressed in the committee stage, that it could never be justifiable to shovel out public funds in order to enable private owners to improve their houses. There was a good deal of fun about this, because some back benchers unearthed a 1938 speech of Mr. Bevan, in which he decried this policy. However, Mr. Bevan was quite able to argue that conditions had now changed, and he also implied that the administration of the Bill would now be in much better

Improvement grants could not be applied to any purpose which properly came within the sphere of repairs, but only to substantial changes, improvement or enlarge-

stantial changes, improvement or enlargement which the owner could not reasonably be expected to undertake himself.

Members of the Labour Party had been rather inclined to denounce private owners of cottages for not themselves providing modern amenities. But these cottages and houses were built long before bathrooms and internal sanitation, etc., existed, so that these grants were not being paid to enable the owner of a house to do at the public expense what he ought to have done himself, but to provide fifteenth, sixteenth or even nineteenth century houses, which, even nineteenth century houses, which, though no doubt modern at the time of

erection, were now out of date, with modern amenities which our ancestors did not enjoy. amenities which our ancestors did not enjoy. Secondly, it must be remembered that most of these houses were subject to the Rent Restriction Acts. These Acts were an obscure jumble of seven different Acts of Parliament dating back to 1920. They contained many provisions giving scope to the exercise of discretion by judges. It was not profitable today to be the owner of property controlled by the Acts. A great deal of this property had been subject to rent restriction since 1914, and the owner now got only 40 per cent. more than then. This was often not even sufficient to pay for necessary repairs.

GRANTS FOR RECONDITIONING

In considering reconditioning, one might take two different extreme cases. In one case, the owner of the property might be a poor man, owning his own house and the adjoining one. After putting all his life savings into these houses, he could not afford to recondition them to a desirable standard. In this case, quite a large proportion of the Labour Party would agree that a grant could properly be paid. In the second case, the owner might be a rich man who had other sources of income. Here some members of the Labour Party would In considering reconditioning, one might some members of the Labour Party would argue that a means test should be applied, and if the man had other sources of income he should be required to use that income he should be required to use that income to pay for the reconditioning of his house without recourse having to be made to public funds. The answer to this would be that the ownership and management of house property should be able to stand on its own feet. From the practical point of view, it would not be found that most rich men were willing to invest money in property which was not bringing in a reasonable return. One needed to be realistic, and it was doubtful whether it was really fair to expect wealthy owners to undertake this it was doubtful whether it was really fair to expect wealthy owners to undertake this work at their own expense. For these reasons, therefore, the payment of a grant had recommended itself not only to the House but to the majority of the Labour Party. Any attempt by a local authority to apply a means test would be deprecated. apply a means test would be deprecated. The people to pay the penalty would be the occupiers. The restriction on the user of the house for 20 years after the payment of the grant, and the restricted rent which was all that might be charged, ensured that the grant would, in fact, innure to the benefit of the tenants.

Buildings Illustrated

Shop at Bromley (pages 541-542). Architect, Bertram Carter, F.R.I.B.A. General contractors, Thomas & Edge Ltd. Sub-contractors: low pressure hot water heating system, gas-fired boiler, Matthew Hall & Co. Ltd.; electrical installation, C. W. Gosling Ltd.; metal windows, gallery balustrading and cast aluminium staircase, Williams & Williams Ltd.; general joinery work, Thomas & Edge Ltd.; special fittings, Dunn & Sons! built-up felt roofing, Anderson; internal and external paints and distemper, Pilchers Ltd.; treatment of all concrete work, Snowcem. work, Snowcem.

work, Snowcem.
Factory at Brighton (pages 543-545). Architect. R. Seifert, F.R.I.B.A. General contractor, McKellar & Westerman Ltd. Subcontractors: asphalt, Southern Asphalte Ltd.; bricks, Sussex & Dorking United Brick Co. Ltd.; artificial stone, Broadmead Products Ltd.; structural steel, Smith Walker Ltd.; fireproof construction, Phillips Floors Ltd.; woodblock flooring, D. Franchi & Sons; patent flooring, Ragusa Asphalte Paving Co. Ltd.; central heating, Brighton, Hove & Worthing Gas Co.; electric wiring, Hall & Stinson Ltd.; sanitary fittings, Hall & Co. Ltd.; door furniture, J. J. G. Saunders & Sons Ltd.; casements, Standard Metal Window Co. Ltd.; office fittings, Stonehouse Steel Equip-Ltd.; office fittings, Stonehouse Steel Equipments Ltd.

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

TECHNICAL SECTION

LIABILITY FOR DEVELOPMENT CHARGE

At the end of this month, the Town and Country Planning Act, 1947, will have

been operative for one year.

Its coming into effect produced results very like those following on an operation to an individual—and the parallel is close enough; the right to develop land has been severed from its ownership, and the reactions of many to that fact resemble those of a man who has lost a limb. Incredulity, and a sense of injustice, "This can't have happened to me," attempts still made to use the missing member, difficulties of adjusting the mind to acceptance of the disability and the restriction on future activities. The professions concerned with land still need treatment for

The Central Land Board, the body responsible under the 1947 Act for the assessment and collection of development charges, has been as helpful as an attendant physician should be; sympathetic, but with an occasional touch of sternness once the patient shows signs of feeling too sorry for himself. The Board has done all that it can to drive home to all concerned that there must be a final date for the lodging of claims on the compensation fund and that that date has now been fixed at June 30, 1949. There is no excuse for any professional man not knowing that, now. But the Board is also determined to give as much guidance as possible over the incidence and assessment of the development charge itself, as and when a future development project is converted into a practical scheme on the point of its launching. To assist, the Board has published the first of what will doubtless be a series of Practice Notes on development charges, available at the Stationery Office, at a cost of 1s. In addition, the Board has made it clear that the officials who will make the actual valuation on which the development charge is assessed are equally ready to help. The valuing official is the District Valuer of the Inland

Revenue and, as the Practice Notes say, at para. 117, "Informal talks with the Board's professional advisers ... may be both proper and helpful ..."

Architects are not primarily concerned with the development charge or with the methods of valuation on which it is based. In the case of a new building an architect is entitled to assume that his client has dealt with all legal matters and expenses connected with the site and with all such preliminaries to the start of the work. But the profession cannot divorce itself from the problems of its clients. The profession is concerned with the cost of building. Costs, particularly of alterations and extensions, may, indirectly but none the less effectively, be affected by the development charge issue. The question of a development charge may determine, in the client's mind, whether the job is worth doing or not. If there are alternative ways of tackling a problem one may reduce the liability for development charge, the other may increase it. One thing is clear. The architect cannot remain in ignorance of whether or not his plan can affect this liability, and, if so, how and why. That involves a study both of the Act itself and of the principles and practice of the Central Land Board.

In its work the Board has one main guide, the T. & C.P. Development Charge Regulations, S.I. 1948 No. 1189. That document contains the "Governing Principle," which is that land should be freely bought and sold at its existing use value, and that the development charge should not be more than the additional value, measured by normal processes of valuation, of the land due to planning

permission for a particular development.



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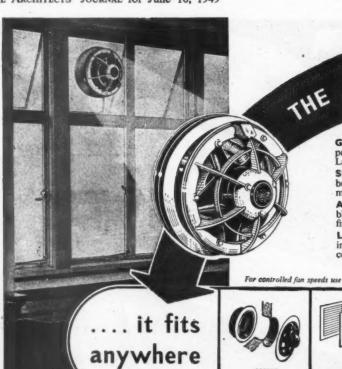
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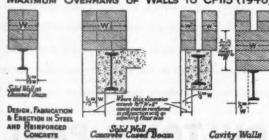
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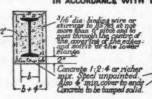
CONSTRUCTIONAL ENGINEERS 16. CAXTON STREET. WESTMINSTER, SWI.

TELEPHONE: Whitehall 8993

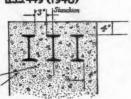
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SINGLE WEB & I FORM coluding filler floor joists.



GRILLAGE BEAMS OTHER THAN HOLLOW COMPOUND STREET

As the New Code of Practice, (B.S.S.449), 1948, has resulted in a great number of changes we hope the foregoing few examples will be of use. Our Technical Staff is always at your disposal with their expert knowledge in the design, fabrication and erection of special steel structures, flats, schools, hospitals, cinemas, etc.

OUESTIONS ANSWERS

The following notes, in the form of question and answer, on the subject of development charge are based on the Practice Notes published by the Central Land Board and are intended to stimulate research, not to satisfy every doubtful The references to paragraphs are to the paragraphs in the First Series of the Practice Notes, published early this year. (HMSO, 1s) A group on change in use of property was published in the JOURNAL for October 28, 1948 and a group on development charge in the JOURNAL for November 18 and December 16, 1948.

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LIABILITY FOR DEVELOPMENT CHARGE

Is "change of use" the sole pre-requisite for liability for development charge?

No. The phrase "change of use" in itself is not sufficiently compre-e. "Development" of property in-A hensive. "Development" of property includes both a change of use, commonly so described, and a building operation in, on, over or under land which may, in ordinary sneech, leave the land "used" very much speech, leave the land "used" very much as it was before, as, for example, an extension to an existing factory. "Development" in ordinary language is a vague word; in the 1947 Act it is given a particular action. ticular meaning, and that a very wide one.

Does all development result in liability to pay a development charge?

No. There are nine different groups of specific exemptions. The two A most important groups of exceptions are those listed in the Third Schedule to the Act and in the Development Charge Exemption Regulations (1948 N. 1188). See Para. 3.

far is the installation of machinery a development?

The Land Board has ruled (see Para. A fine Land Board has ruled (see Para. 6) that it will not assess a development charge for the erection of plant or machinery within a building. If it is outside a building and if the installation itself becomes a building structure, it will be liable for a development charge if a comparable building would be parable building would be.

Is there any useful definition of what a "material change of use" is?

Yes. The Land Board refers to, and A apparently intends to rely upon, that contained in a MOTCP circular, No. 67 dated 15.2.49. Its relevant sections are quoted in Para. 7.

INSTANCES OF LIABILITY

Do you have to pay a development charge if you convert two buildings into one?

The Act excludes from liability for development charge operations which involve no more than an internal alteration

to an existing building. The Land Board claims that the word "building" in this connection is equivalent to separate connection is equivalent to separate tenement and that it is not used to indicate a complete structure which may or may not contain a number of separate tenements, contain a number of separate tenements. The Board uses the illustration of a row of terrace houses, the terrace being a single building in one sense, but the Board would consider each house to be the separate building. Accordingly, the Board will consider an alteration to a party wall to be an alteration to more than one building, not an internal alteration to a single building, and it would, therefore, claim the payment of a development charge. As yet, there has of a development charge. As yet, there has been no legal decision on this point. (See Paras. 8 and 14.)

Q If one building is demolished and two others built, the cubic capacity of the two being no greater than that of the building demolished, can it be claimed that there is no more than a rebuilding of an existing building and therefore freedom from lia-bility for development charge?

A No. The Land Board would treat only one house as a "rebuilding" of the demolished house and claim a development charge on the second.

If a series of buildings is used by one undertaking for various stages in its industrial activity, and all are replaced by a single structure, necessarily larger than any single one of the former buildings, what is the liability for development charge? ment charge?

A If the former group of buildings was all within the same curtilage, the whole group may be aggregated when calculating the cubic content, and if the replacement building does not exceed this total, no development charge is payable. (Para. 20.)

How is the cubic contents of a building measured?

(See Para. A Appendix A for the rules appropriate to the calculation of contents).

What additional buildings owner of a normal dwelling house build within his curtilage without liability for development charge?

A He can enlarge the house itself by 10 per cent. of its contents or by 1,750 cubic feet, whichever is the greater. But it should be noted that this can only be done once, i.e., to a house as it existed on July 1, 1948. He can build certain outbuildings, provided that they are for the purposes of the dwelling house, that they do not themselves constitute a dwelling or a garage, and provided none of them exa garage, and provided none of them exceeds 1,000 cubic feet in content. (Para.

LAND OF STATUTORY UNDERTAKINGS

How are statutory undertakings affected by development charge?

A They do not pay development charge in respect of operations on their operational land. Further, if the land ceases to be operational land, it is free from development charge in respect of any change of use to a use prevailing generally in the case of contiguous or adjacent land, provided the change in use is made within five years of it ceasing to operational land. (Paras. 30 and 31.) to be

VALUATION FOR DEVELOPMENT

What is "consent value" and "refusal value"?

Consent value is the value of the land with planning permission for a particular operation or a particular use. Refusal value is the value without the benefit of such permission. (Para. 33.)

How is the development charge cal-culated?

Normally it is intended to be equal to the additional value of the land due to the grant of planning permission for a particular development. Generally, this will be expressed as the difference between the consent value and the refusal value. (Para. 35.)

What does "value" mean in this

There is no easy definition, T Central Land Board has decided adopt, as a guide rather than as a rule, certain presumptions in the determining of value for development charge purposes. First, it will assume that it is concerned with "market value" (which involves the notion of a sale). It will assume that both notion of a sale). It will assume that both seller and buyer are willing (which excludes any element of "compulsion," important where a site is essential, or ideal, for a particular purchaser). But it will not assume that the degree of "willingness" in the parties is constant, or equal. For example, a particular buyer may "wish" to acquire a particular piece of land for a particular purpose; if so, that must be treated as a factor in the situation. Again, the fact that there is only one possible purchaser does not mean that the seller will be extra "willing" to sell to him, for that would assume that there was some element be extra "willing" to sell to him, for that would assume that there was some element of compulsion in his decision to sell. There can be no final rule laid down, for once the notion of a "sale" is introduced into the calculation, that implies that the final figure is one which must, in the last analysis, be a negotiated one. (Paras. 37 to 39.)

What is the "before and after" method of valuation?

A valuation based upon two valuations, each made upon one different ption. One valuation is a valuation assumption. One valuation is a valuation of a property before the proposed operation, or change of use, is carried out, the other of the property after the operation or change is carried out. The commonest example taken is that of the cinema and the land alongside it which the cinema would like to use as a car-park. The "before" valuation is the value of cinema card assumption. valuation is the value of cinema and fore" valuation is the value of cinema and land, in separate ownership and as used separately. The "after" valuation is cinema with car-park. The Central Land Board say that they will use this method as a guide where there is a special purchaser for a special purpose, as in the case of the cinema and the car-park, but that it will not use it as a fixed rule. (Para 40) not use it as a fixed rule. (Para. 40.)

SPECIAL CASES

If the development planned will not result in any "profit" or financial gain to the developer, can it be said that the value of the land has increased and made a development charge payable?

Yes, so the Land Board holds, on the parallel of the law relating to liability for rates. (Paras. 42 and 43.)

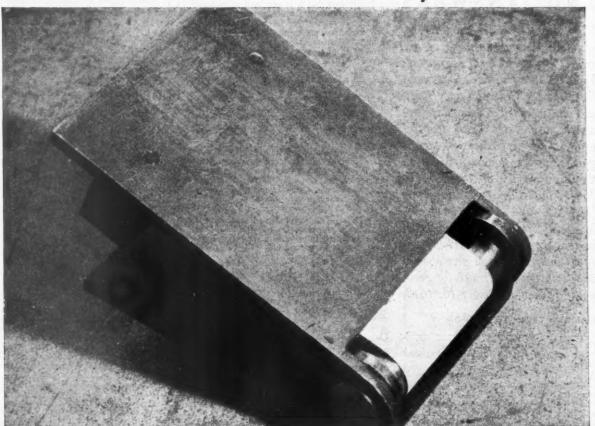
O Does the fact that a particular developer has, or can obtain, a building licence affect the value of the land for development charge purposes?

A No. (Paras. 59 and 61.)

If a developer has to pay money as a preliminary to his development payment of compensation for disturbance or injurious affectation), can that be offset against the value of the land?

Yes, if the Land Board is satisfied that it was a necessary and reasonable step in the development of that land. (Para. 63.)

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THE INDUSTRY

By Brian Grant

COKE BURNING APPLIANCES

A fortnight ago I referred to two very useful publications by the British Gas Council, dealing with domestic gas supplies and installation. Now the National Federation of Gas Coke Associations has followed up with a loose leaf binder containing an abridged catalogue of coke burning appliances which have been officially appliances which have been officially approved. It is now rather more than ten years since the London and Counties Coke Association first published its catalogue, and this present issue of the amendments to the full editions of 1938 and 1942 includes the alterations to existing appliances which alterations to existing appliances which have been approved more recently by the technical committee. The present abridged edition is devoted mainly to domestic appliances, and as such is of considerable use in the architect's office as details of dimensions and performance of all appliances are given. The various sections include open fires, boilers, small central heating and hot water boilers, and heating stoves.

"Approved Appliances" means fittings which pass the standards set up by the Ministry of Fuel and Power's testing panel. standards specified ensure that yed appliances are "efficiently approved approved appliances are efficiently designed, soundly constructed and, when correctly installed, will give satisfactory performance and results when using coke." Most appliances in the catalogue are suitmost appliances in the catalogue are suitable for anthracite, dry steam coal and hard coke; some, notably the open fires, will burn bituminous coal at the same efficiency as that given by the normal coal stool-bottom grate. The appliances comply with the wishes of the Ministry of Fuel and Power in being designed to give as high an efficiency as received when hybring all them. efficiency as possible when burning all types of domestic solid fuels. It is not implied that all appliances are of equal merit, or that all will prove equally suitable for a given purpose, but they all exceed the mini-

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since 1942 there has been considerable development, particularly in open fires and domestic boilers. BSS now cover the design requirements of these new appliances, and the section on open fires includes the and the section on open fires includes the newer units which give convected heat as well as radiation and hot water, and also the fires with back boilers of increased heating surface. These latter appliances are designed to provide some background heating as well as hot water supply, and space heating for the room containing the appliances.

space neating for the room containing the appliance.

This useful work should be kept for reference; the loose leaf binding makes it simple to add further leaflets as they become available. (The National Federation of Gas Coke Associations, 1, Grosvenor Place, London, S.W.1.)

BITUMINOUS ROOFING

Readers will recall Information Sheet 16J1 (21.10.48) Flexible Roof Coverings (Bitumen) and 20.Z1 (9.6.49) describing the

(21.10.48) Fleature (21.10.48) A secribing the men) and 20.Z1 (9.6.49) describing the Bitumetal composite roof.

The weatherproofing of all types of roof is dealt with in a new publication by Briggs who have for many years specialized in work of this kind. The roofs themselves can be laid with several different types of finish, and there are a number of detail drawings which show the various methods of using the Aqualite damp-courses made by this firm; one of them is reproduced on this page. (William Briggs & Sons, Ltd., Street Dundee.) this page. (William Briggs & Son East Camperdown Street, Dundee.)

UNDERGROUND SERVICES

The use of copper tube for water or gas service pipes between main and house has increased considerably during the last twenty years, much research on the problem of soil corrosion having been carried out by ICI, who market pipes under the name of Kuterlon. Supplied in coils of from 30 to 60 feet length the pipe can be laid name of Kuterion. Supplied in coils of from 30 to 60 feet length, the pipe can be laid in trenches without any special protection, though it is advisable to wrap the pipes in bituminous felt if the soil is very acid, as it might be in made up ground containing ashes. Being very ductile, the pipe can easily be bent by hand, and for the same reason is unlikely to be damaged by soil movement. movement.

reason is unlikely to be damaged by soil movement.

An interesting method of laying this pipe with a mole plough was demonstrated at the Bath and West show, where water had to be supplied to various exhibits over quite long distances. The ordinary mole plough will cut a drain up to a depth of about 2 ft, 6 in., quite enough to guard against frost. A short length of trench is necessary for starting off the plough, and the pipe is fixed to the back of the mole, being drawn into the hole as the plough advances, further lengths of pipe being coupled up as each coil is used. For ordinary domestic work this method does not seem to offer any particular advantages as the normal pipe runs are comparatively short, but for water supplies over long distances, such as the fields of farms, the cost of laying can be as little as 1d. to 14d. a foot, an immense saving over trenching and backfilling. Considerable lengths of pipe can be pulled in before a new starting trench has to be dug, runs up to half a mile being possible with the

smaller diameter pipes. (ICI Metals Division, Kynoch Works, Witton, Birmingham, 6.)

PRESSED STEEL RADIATORS

In the years before the war the Danish-made Golf radiator was becoming reasonmade Golf radiator was becoming reasonably well known in this country, and is now being made over here under the name of Gulf, a new factory having been built in South Wales. Being made of pressed steel and electrically welded, these radiators are extremely light and have no packing rings in the joints between sections. The column types can have feet for standing on the floor, or they can be hung on brackets from the wall. The brackets can be adjusted anywhere on the radiator so be adjusted anywhere on the radiator so that it is possible to plug the wall at any convenient point between bricks and make the final adjustment afterwards.

the final adjustment afterwards.

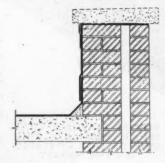
Where space is limited, the flat type wall radiator has a thickness of only \(\frac{1}{2}\) inch and a correspondingly small projection, while it can be made up to almost any length, and with angles for bay windows if necessary. Heat transmission is high, nearly 2 BTU per square foot per degree F temperature difference, about half of which is in the form of radiant heat. Although about four fifths of the output is earmarked for export, deliveries can be made in two to five weeks, and prices are quite low. (Gulf Radiator Co., Ltd., 7, Lygon Place, Grosvenor Gardens, S.W.1.)

FUBLICATIONS RECEIVED

FPA Journal. The April issue contains an interesting article on building boards in relation to fire protection, by R. C. Bevan, of BRS. (Fire Protection Association, 84, Queen Street, London, E.C.4.)

1849 to 1949. A booklet describing the activities of D. Anderson & Son since the foundation of the company in 1849. Transferred from the original Belfast factory to Manchester (in 1921), the firm has always specialized in roofing contract work as well as the production of paints and felts of all kinds. (D. Anderson & Son, Ltd., Stretford, Manchester.)

Roofing Data. A series of instruction sheets for the application of Celotex insulating board. Notes on storage, handling and fixing methods, illustrated with a number of informative diagrams. (Celotex, Ltd., North Circular Road, Stonebridge Park, London, N.W.10.)



Above, the treatment of vertical brickwork and cavity wall bridged by slate, where no damp-course at the normal damp-course line is possible, using Briggs Aqualite damp-course cover flashing. Right, a mole-plough used for laying copper, water or gas service pipes.



This regular feature, prepared by Davis, Belfield and Everest, Chartered Quantity Surveyors, summarises basic prices for materials and gives labour rates for the London District and Grade Classifications outside

London. Detail prices of materials are given quarterly.

BASIC MATERIALS	BASIC PRICES AND RATES OF WAGES, 1948	1949				
	Dec.	Jan.	Feb.	Mar.	Apr.	May
Portland cement (6 tons and over) Paper bags 2-in. unscreened ballast per yd. cu. Fletton bricks (at station) per 1,000 Stoneware drain pipes (British Standard, 2 tons and over). Standard list + per 1,000 Steel joists (basic sections ex mills) per ton Lime greystone	60 /6 11 /- 14 /5 73 /- 42½% 90 /-+ 110% £17 16s. 6d. 84 /9 £130 15s.	60/6 11/- 14/5 73/- 421% 90/-+ 110% £17 16s. 6d. 84/9 £142 10s.	60 /6 11 /- 14 /5 73 /- 42½% 189 /- £17 16s. 6d. 84 /9 £142 10s. 70% 48 /3	60 /6 11 /- 14 /5 73 /- 42½% 189 /- £17 16s. 6d. 84 /9 £142 10s.	60 /6 11 /- 14 /5 73 /- 42½ % 189 /- £20 3s. 6d. 84 /9 £124 10s. 71½ % 46 /3	60/6 11/- 14/5 73/- 42½% 189/- £20 3s. 6d. 89/6 £112 5s. 71½% 43/6
RATES OF WAGES (LONDON)— Within 12 miles radius Craftsmen per hour Labourers , , , , , , , , , , , , , , , ,	2/11 2/4 2/10½ 2/3¾	2/11 2/4 2/10½ 2/3¾	2/11½ 2/4½ 2/11 2/4	2/11½ 2/4½ 2/11 2/4	2/11½ 2/4½ 2/11 2/4	2/11½ 2/4½ 2/11 2/4

Prices of materials above include for delivery to site in the Central London Area, and the

rates of wages are for London only.

Current rates of wages outside London are as follows: Liverpool and District, Craftsmen, 2/11½;

GRADE CLASSIFICATIONS Craftsmen Labourers

F.R.I.C.S., F.I.Arb.



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Available in 12-yard rolls, 36" wide, $\frac{3}{32}$ " thick, or in tiles 12" x 12" x $\frac{1}{8}$ " thick, in an attractive range of Plain and Marbled colours.

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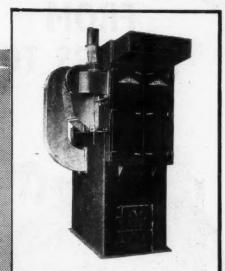
6" wide,

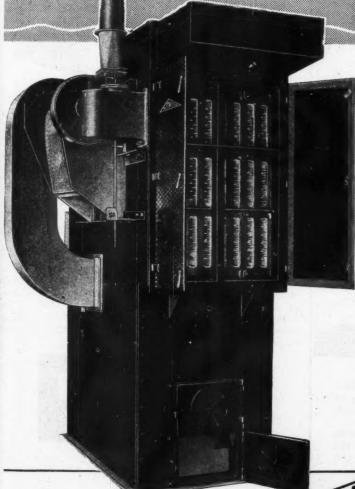
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The Bigwood "Aerocalor" Air Heater is a highly efficient and durable direct-fired heat exchanger, suitable for space heating and industrial drying. It is available in capacities of up to 250,000 B.Th.U. per hour, or multiples thereof, and can be supplied suitable for hand-firing or with an Underfeed Stoker.

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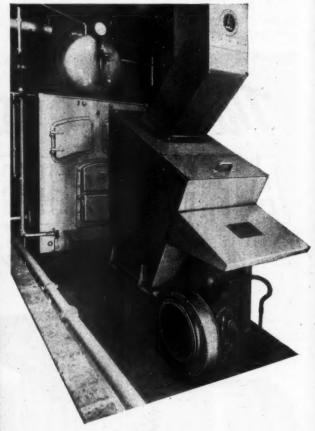
The employment of patent telescopic centers permits the immediate use of the floor with the additional advantage of their removal in the minimum of time.

Limited quantities of TRIANCO TELESCOPIC CENTRES are now available for use in connection with suspended floors of all types.

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Our illustration shows a 2A Stoker firing a 41 3K Ideal Boiler in a Midland's hosiery factory. Iron Fireman Automatic Coal Stokers are bringing a new cleanliness, efficiency and economy to many of Britain's industries. The Iron Fireman range covers every industrial need. Let us show you how your heating problem can be efficiently and automatically solved.





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The

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Derwent

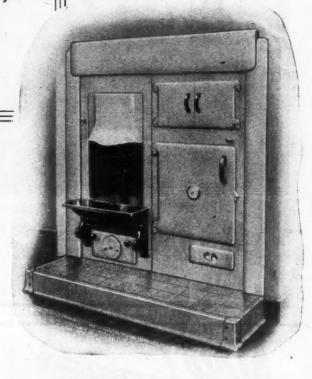
COMBINATION GRATE

ONE efficient and economical fire provides heat for a large and uniformly heated oven, a fast-boiling machine-ground hot-plate with extension hob, a hot closet and a supply of hot water for a normal family household. The fire has a closed position for slow overnight burning, and for the prevention of excessive heat emission during the summer months.

SPECIFICATION

GRATE.—Overall size, 38 in. by 38 in. by 14½ in. Brickwork opening required, 44 in. high by 40 in. wide and 15 in. deep. MANTEL.—Overall size, 45½ in. wide by 44½ in. high. KERB.—To suit 44 in. by 12 in. tile hearth.

Grate supplied in mottled fawn, mottled green or black vitreous enamel. Mantel is supplied in mottled fawn, mottled brown (to tone with the mottled fawn grate), mottled green vitreous enamel or fine-cast and primed one coat. Kerb is supplied in mottled fawn, mottled green or black vitreous enamel. A bolster can be supplied to restrict heat losses from firebox in its closed position.



To satisfy modern requirements the cooker may be adjusted to stay alight overnight, and is capable of giving the performance specified in B.S. 1252, 1945, on both coal and anthracite. Other solid fuels, such as coke, wood, or patented fuels may be used if the cooker is not required to stay alight unattended for a very long period.

The cooker has been selected for inclusion in the Ministry of Health's Approved List of improved appliances as recommended to all local authorities.

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Derwent combination GRATE

Facilitates Assembly, Cleaning and Maintenance: The boiler and the fireparts are designed for easy removal and replacement without disturbing the brickwork in any way. Please write for leaflet A.r.

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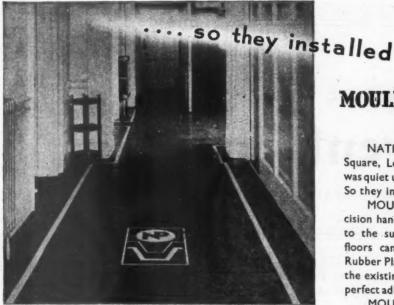
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BRITISH MOULDEX RUBBER Co. Ltd.

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MOULDEX Rubber FLOORING

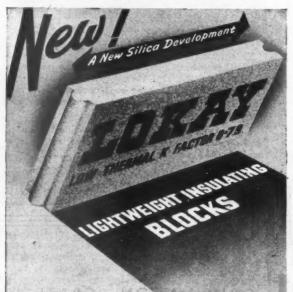
NATIONAL Plastics Ltd., 37 Portman Square, London, W.I, wanted a flooring that was quiet underfoot, hard wearing and attractive. So they installed MOULDEX Rubber Flooring.

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Proof against .. COLD MOISTURE MOVEMENT

DENSITY
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501b. per foot cube.
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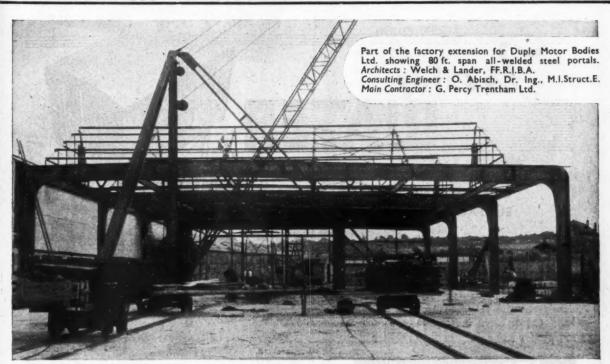


Write for free wallet of photographs of typical partitioning schemes and details of the Comtactom service.





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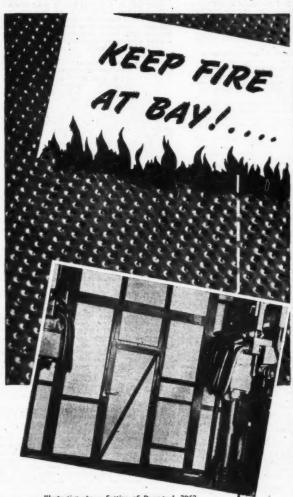
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CLASSIFIED ADVERTISEMENTS

Advertisements should be addressed to the Adv Manager. The Architecter Journal, 9, 11 and 11. Queen Anne's Gate, Westmisser, S.W.l. an should reach there by first post on Frida morning for inclusion in the following Thursday

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

Available only to applicants excepted from the Control of Engagement Order, 1947.

Public and Official Announcements

The per inch; each additional line, 2s.

The Incorporated Association of Architects and Survivors maintains a register of qualified architects and surveyors (including assistants) requiring posts, and invites applications from public authorities and private practitioners having staff vacancies. Additions: Tell: Uplands 0355. 991

LONDON COUNTY COUNCIL.

Applications are invited for uncestablished positions of (i) ARCHITECT, Grade III (salaries up to 2700 a year) and (ii) ARCHITECTURAL ASSISTANTS (salaries up to 2500 a year), in the Housing and Valuation Department. Commencing salaries in either grade will be determined according to qualifications and experience. Engagement will be subject to the Local Government Superannuation Acts, and successful candidates will be eligible for consideration for appointment to the permanent staff on the occurrence of vacancies.

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

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

LONDON COUNTY COUNCIL.

VACANCIES FOR ARCHITECTS (GRADE III)

Qualities. (2269) 1046
LONDON COUNTY COUNCIL.
VACANCIES FOR ARCHITECTS (GRADE III)
AND TECHNICAL ASSISTANTS IN THE
ACHITECT'S DEPARTMENT.
Applications are invited for the following
vacancies in the Architect's Department:
ARCHITECT, Grade III. Salary £550 to £700

vacancies in the Architect's Department:—
ARCHITECT, Grade III. Salary £250 to £700

I year.
TECHNICAL ASSISTANTS (Section (a)).
Salary £440 to £580 a year.
TECHNICAL ASSISTANTS (Section (b)).
Up to £67e. 6d. a week.
Required for the preparation of schemes, working drawings, specifications, and estimates for works at schools and other buildings.
Commencing rate according to qualifications and experience. The positions will be temporary in the first instance, and successful candidates are required to contribute to the Council's Superannastion and Provident Fund, and are eligible for permanent appointment and for advancement to higher positions, according to merit. Candidates for Grade III positions should possess appropriate professional qualifications.

Application forms may be obtained from the Architect to the Council (AB(P/A), County Hall, Westminster Bridge, London, S.E.I., enclosing stamped addressed foolscap envelope.
Canvassing disqualifics. (635)

1127

BOROUGH OF NELSON.

APPOINTMENT OF ARCHITECTURAL

Canvassing disqualifies. (635) 1127

BOROUGH OF NELSON.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

AMENDED ADVERTISEMENT.

ADPLICATION IN THE BOTOUGH OF THE BOTOUGH SURVEYOF'S DEPARTMENT IN the BOTOUGH SURVEYOF'S DEPARTMENT, at a salary in accordance with Grade V of the National Scales of Salaries (£680 to £570) (consolidated).

Candidates should have experience in housing and general work, and preference will be given to applicants who have passed the Final or Inter. R.I.B.A. examination. Applications, giving detailed particulars of experience and qualifications, endorsed "Architectural Assistant," with copies of three recent testimonials, to be delivered to the undersigned on or before Tuesday, the 28th June, 1949.

F. W. ROBERTS

F. W. ROBERTS, Town Clerk.

Town Hall, Nelson.

31st May, 1949.

WARWICKSHIRE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the undermentioned appointments on the established staff:— ASSISTANT ARCHITECTS. Grade V, £520-

570 per annum. ASSISTANT ARCHITECTS. Grade IV, £480-526 per annum. ARCHITECTURAL ASSISTANTS. Grade III,

450-£496 per annum. ARCHITECTURAL ASSISTANTS. Grade II,

ABCHITECTURAL ASSISTANTS. Grade 11, 2420-2465 per annum.

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

Application forms can be obtained from C. H. Elkins, F.R.I.B.A., A.R.I.C.S., Shire Hall, Warwick.

L. EDGAR STEPHENS,

L. EDGAR STEPHENS, Clerk of the Council

COUNTY BOROUGH OF DONCASTER
EDUCATION COMMITTEE.
EDUCATION ARCHITECT'S DEPARTMENT.
Applications are invited for the following

appointments:—
(a) TWO ASSISTANT ARCHITECTS. Grade
VI (£595-£660).

£595-£660). QUANTITY SURVEYOR. Grade VI (£595-

(b) QUANTITY SURVEYOR. Grade VI (£595£566).

Housing accommodation on a service basis will
be provided if necessary.

For appointments (a) candidates ahould be suitably qualified and possess sound experience in the
design, construction and supervision of Educational Buildings, and be capable of carrying contracts through to completion.

For appointment (b) the candidates should be
suitably qualified and have had considerable experience in the preparation of Bills of Quantities,
Specifications and Estimates and the settlement of
Final Accounts.

Successful applicants will be appointed to the
staff of the Chief Education Officer and work
under the direction of the Education Architect
(W. W. Thomas, A.B.I.B.A.).

Applications, suitably endorsed, giving age,
qualifications, past and present appointments, and
full details of experience, together with the names,
of three referees, must reach the undersigned not
later than the 20th June.

V. H. HOSKIN.

Education Office, Dencaster.

June, 1949.

LONDON COUNTY COUNCIL.

QUANTITY SURVEYORS.

Education Office, Doncaster.

Jue, 1949.

LONDON COUNTY COUNCIL.

QUANTITY SURVEYORS.

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

Duties will include:

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

estimates, etc.
(b) Management of housing contracts of considerable value; interim valuations for payments; measurement of variations and settlement of final

accounts.

Forms of application may be obtained from the Director of Housing and Valuer, The County Hall, Westminster Bridge, S.E.1 (a stamped addressed foolscap envelope required), quoting Q.S.1.

Canvassing disqualifies. (2140)

CITY OF COVENTRY.

PLANNING DEPARTMENT.

Applications are invited for the following

Applications are invited for the following appointments on the permanent staff of the Planning Department:—
(a) ONE PLANNING ASSISTANT. Grade A.P.T., VA.
(b) THREE JUNIOR PLANNING ASSISTANTS. Grades A.P.T., I-III, according to experience.

perience.
(c) TWO STUDENT PLANNERS.
General Division, plus merit incre

degrees.

Applicants for appointment (a) must hold a qualification either in architecture or in engineering, and should have had experience in an office of a Local Authority, preferably on planning work. Preference will be given to candidates holding in addition a Town Planning Diploma or being Associate Members of the Town Planning Institute.

Applicants

holding in addition a Town Planning Diploma or being Associate Members of the Town Planning Institute.

Applicants for appointments (b) abould have had experience in (i) Control of Development under the General Development Order, or (ii) Research and Survey work in connection with the preparation of the Development Plan, or (iii) Preparation of Layouts for Housing Estates and Industrial Areas.

In the case of appointments (b) applicants should be neat and expeditious draughtamen, and for one of these appointments preference will be given to applicants holding a recognized qualification in building construction.

Applicants for appointments (c) will be given every opportunity to obtain experience in various aspects of Town Planning with a view to ultimate qualification.

All appointments are subject to the following: (a) National Scheme for Local Government Officers, as amended by Coventry Corporation; (b) Local Government Superannuation Act, 1937, as amended respecting annuities for Widows by the Coventry Corporation Act, 1937, as amended respecting annuities for Widows by the Coventry Corporation Act, 1936, and Coventry Municipal Officers Widows and Orphans Pension Fund; (c) medical examination; (d) one calendar month's notice on either side.

HOUSING ACCOMMODATION MAY BE MADB AVAILABLE FOR THE SUCCESSFUL CANDIDATE FOR APPOINTMENT (a).

Applications, suitably endorsed, on forms to be obtained from the undersigned, are to be received not later than 30th June, 1949.

E. H. FORD O.B.E., M.Inst.C.E.,

M.Inst.Mun.E., M.T.P.I.,

Joint Planning Officers.

LONDON COUNTY COUNCIL.

VACANCIES FOR TEMPORARY CLERKS OF WORKS IN ARCHITECT'S DEPARTMENT. Applications are invited for Temporary Clerks of Works to supervise the work of painting and cleaning contracts at Schools from July to September, 1949, for a period of 10 weeks. Rate of pay up to 210 10s. per week. Application forms from the Architect (AR/P/C/W), County Hall, Westminster Bridge, S.E.1, eaclosing stamped addressed foolscapenvelope. Canvassing disqualifies. (666) 1189

ATR COUNTY COUNCIL

HOUSING DEPARMENT.

VACANCIES FOR TECHNICAL STAFF.
Applications are invited for the following two
appointments in the Department of the Director
of Housing, County Buildings, Ayr:—

(a) DRAUGHTSMAN. Consolidated salary
scale £450 to £570 per annum (A.P.T. Division,
Grades III and V of the J.I.C. National Scale),
with placing thereon in accordance with qualifications and experience. Applicants should be
Registered Architects or have passed the Intermediate Examination of the R.I.B.A. Experience
in housing work will be an advantage. The
appointment will be subject to the provisions
of the Local Government Superannaation (Scotland) Act. 1377.

DRAHGHWAMAN.

appointment will be subject to the provisions of the Local Government Superannuation (Scotland) Act, 1937.

(b) JUNIOR DRAUGHTSMAN (Temporary). Consolidated salary scale 2328 to 2378 per annum, with placing thereon in accordance with qualifications and experience. Applicants should be studying for the Intermediate Examination of the R.I.B.A. and should preferably have some experience in housing work.

In each case applications, stating age and giving full particulars of qualifications and experience, should be sent to the County Clerk, County Buildings, Ayr, not later than 28th June, 1949. Canvassing, directly or indirectly, will be a disqualification.

NORTH-WEST METROPOLITAN REGIONAL HOSPITAL BOARD.

ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments in the Architect's Department; (1) ASSISTANT ARCHITECT. Grade A.P.T., VI (£595 to £560 per annum, plus London weighting). (Two vacancles).

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

(2) ARCHITECTURAL ASSISTANTS. Grade

advantage.

(2) ARCHITECTURAL ASSISTANTS. Grade
A.P.T., II-V (£420 to £570 per annum, plus London

advantage.

(2) ARCHITECTURAL ASSISTANTS. Grade A.P.T., II-V (£420 to £570 per annum, plus London weighting).

Applicants must have good general experience of design and construction, and will be placed on the grade appropriate to their experience and qualifications.

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

Applications, giving details of experience, togother with the names of two referees, should be addressed to the Secretary, North-West Metropolitan Regional Hospital Board, 11a, Portland Place, W.1, not later than 25th June, 1949.

IMPERIAL WAR GRAVES COMMISSION.

politan Regional Hospital Board, 11a, Portland Place, W.l., not later than 25th June, 1949. 1198

IMPERIAL WAR GRAVES COMMISSION. There are vacancies in the Quantity Surveying Branch in London for QUANTITY SURVEYORS with good training and experience as follows:—
(a) One post. Salary £750-£1,000 per annum, plus extra duty allowance of 3 per cent. of salary, for 45thour week. Applicants must be over 35 years of age, and have had pre-war experience in taking off quantities without supervision for buildings of a high architectural standard. Mustalso be capable of taking complete charge of contracts from their commencement to completion and supervising staff.
(b) Four posts. Salary £475-£750 per annum, plus extra duty allowance of 3 per cent. of salary, for 45thour week. Applicants must have had experience in taking off on good permanent buildings. Pre-war experience an advantage.

Applicants should be Fellows or Associates of Royal Institution of Chartered Surveyors, or have passed a recognized Final examination, with Quantities as typical subject. In both posts knowledge of stonework an advantage.

Starting pay will be assessed according to age, qualifications and experience. Although the above are not established posts, the duration will be not less than five years.

Applications should be addressed to Appointments Officer, Imperial War Graves Commission, Wooburn House, Wooburn Green, High Wycombe, Bucks.

CITY OF LEICESTER.

CITY OF LEICESTER.

CITY ARCHITECT'S DEPARTMENT.
Applications are invited for the appointment of A.P.T.. Grade VI, 2595-2650 per annum.
Applicants should be A.R.I.C.S. (Quantities Nabilitations, stating age, qualifications, previous and present appointments with present salary, details of experience, etc., together with copies of two-recent testimonials, should be sent to the undersigned not later than Friday, 24th The appointments are subject to the Government Suparaneuric subject to the Government Suparaneuric subject to the content of th

to the undersigned not large.

June, 1949.

The appointments are subject to the Local Government Superannuation Act. 1937, the Corporation conditions of service, and the passing of a medical examination.

Canvassing will be a disqualification.

J. H. LLOYD OWEN.

City Architect.
1234

7. Newarke Street, Leicester.

KS OF MENT. y Clerks ing and to Sep-

Architect Bridge,

AFF.

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Appoint-ommission, Wycombe,

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RVEYORS. n. (Quantities tions, pre-th present ether with ald be sent riday, 24th

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WEN. Architect.

Applications are invited for the appointment of ARCHITECTURAL ASSISTANT in the Architects' Department. Salary, Grade V, £520 to £570. Candidates should by Associates of the Royal Institute of British Architects or hold an equivalent qualification, and should possess a sound experience in design and construction, and also be experienced in the management of building contracts.

The appointment will be a second to the contracts.

ing contracts.

The appointment will be subject to:

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

(c) the passing successfully of a meuical vaamination;
(d) the Standing Orders of the Council.
Applications, stating age, qualifications and experience, together with particulars of past and
present employment—accompanied by copies of
two recent testimonials—should be forwarded in
anvelopes endorsed "Architectural Assistant,"
addressed to the City Engineer and Surveyor,
Town Hall, Salford, 3, and be delivered not later
than Saturday, 18th June, 1949.
Applicants must disclose, in writing, whether
or not they are related to any member of the
Council or an officer of the Authoritj.

H. H. TOMSON, Town Clerk.

1171

H. H. TOMSON, Town Clerk.

1171

B.B.C. invites applications for the following posts in their Building Department in London:—ARCHITECTURAL ASSISTANT, Grade III. Applicants must be registered Architects up to Final R.I.B.A. standard, and must have had several years' office experience. Salary is in a grade with annual increments of £30 and a maximum of £600 per annum.

TWO ARCHITECTURAL ASSISTANTS, Grade IV. Applicants must be registered Architects who have passed Intermediate R.I.B.A., and have two or more years' office experience. Salary is in a grade with annual increments of £25 and a maximum of £580 per annum.

TWO ARCHITECTURAL DRAUGHTSMEN. Applicants should be up to Intermediate R.I.B.A. standard. Salary is in a grade with annual increments of £25 and a maximum of £475 per annum. Starting salaries for each of these posts will be dependent on qualifications, and experience, and there are prospects of promotion to a higher grade. Applications, stating age, qualifications, and giving details of past and present employment, should reach the Ragineering Establishment Officer, Broadcasting House, London, W.I. within seven days of the appearance of this advertisement.

1255

NORTHERN IRELAND HOUSING TRUST.

NORTHERN IRELAND HOUSING TRUST.
APPOINTMENT OF ARCHITECT AND
QUANTITY SURVEYOR.
Applications are invited for the following

Applications are invited for the following posts:

(a) ASSISTANT ARCHITECT. Salary scale, \$2600 \times 225 - 2750.

(b) QUANTITY SURVEYOR. Salary scale, \$2600 \times 225 - 2750.

The point in the scale of salary at which successful candidates will be placed will be determined by experience and qualifications. Applicants for (a) must be Fellows or Associates of the Royal Institute of British Architects. Successful candidates will be engaged on the design, layout and preparation of works, for both Urban and Rural Estates. Experience in the design of Community Buildings and Shops will be an advantage.

Community vantage.

Applicants for (b) must be Members of the Royal Institution of Chartered Surveyors, and be experienced in the preparation of Estimates, Bills of Quantities, Measuring-up, and the adjustment of Final Accounts in connection with housing

chemes.

Preference will be given to ex-Service candidates
assessing the required qualifications.

Housing accommodation is available if

Housing accommodation is necessary.

Application should be made not later than Priday, 3th July, 1949, on forms which may be obtained from:

GENERAL MANAGER.

Northern Ireland Housing Trust.

5, Bonegall Square South, Belfast.

BOROUGH OF COLCHESTER.
TEMPORARY SENIOR ARCHITECTURAL
ASSISTANT.
Applications are invited for the above appointment in the Borough Engineer's Department, at a salary in accordance with A.P.T., Grade V (£520 to £570 per annum) of the National Scales of Salaries.

malary in accordance with the National Scales of Salaries.
Applicants should have had a thorough architectural training, with considerable experience in design and construction, and be familiar with architectural work in connection with Local Authorities post-war housing schemes. The appointment is subject to one month's notice on either side.
Applications, stating age, qualifications and experience, accompanied by copies of not more than two recent testimonials, must be delivered to the Borough Engineer at the address given below, not later than 1st July, 1949, endorsel "Temporary Architectural Assistant."
Canvassing will disqualify, and applicants must state whether they are related to any member or senior officer of the Council.
N. CATCHPOLE,
Town Hall, Colchester.

Town Hall, Colchester. 7th June, 1949.

COUNTY BOROUGH OF READING.

SENIOR ASSISTANT ARCHITECT.

BOROUGH ARCHITECT'S DEPARTMENT.

Applications are invited for the above post.

Candidates must have had experience of handling schemes from conception to completion, witn particular reference to school work.

The post is Grade VI (£595-£660).

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

Applicants must state their age, qualifications, full details of experience and previous appointments, together with the names and addresses of three persons to whom reference can be made.

Applications, endorsed "Senior Assistant Architect," should be received by the Borough Architect, Town Hall, Reading, not later than Wednesday, 29th June, 1949.

G. F. DARLOW,

Town Clerk.

G. F. DARLOW, Town Clerk.

Town Hall, Reading. June, 1949.

June, 1949.

CITY OF NORWICH.

CITY ARCHITECT'S DEPARTMENT.

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

(a) ASSISTANT ARCHITECT, in Grade VI of A.P.T. Division (£998-£660 per annum).

(b) ARCHITECTURAL ASSISTANTS, in Grades I to IV, grading in accordance with experience.

Grade II, £490×£15 to £455.

Grade III, £460×515 to £455.

Grade III, £460×515 to £495.

Grade IV, £480×£15 to £525.

For (a) applicants to be well experienced and, other factors being equal, preference will be given to those having a recognized architectural qualification and previous service with a local authority. Experience of educational work will be an advantage.

given to those having a recognized architectural qualification and previous service with a local authority. Experience of educational work will be an advantage.

For (b) candidates to have good general architectural training and experience.

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

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

Canvassing of members of the Council or of any Committee, directly or indirectly, shall disqualifications, stating age, training, experience, qualifications and other relative information, together with copies of three recent testimonials, must be received by the City Architect, City Hall, Norwich, not later than Friday, 24th June, 1949.

NEWPORT COUNTY BOROUGH COUNCIL.
BOROUGH PLANNING DEPARTMENT.
Applications are invited for the following peranent positions:—
(1) ASSISTANT PLANNING OFFICER: Delopment Plan.
A.P.T., Grade VII, £635 to 710 p.a.

velopment Plan. A.F.T., Constitution of the co

27:10 p.a.

(2) ASSISTANT PLANNING OFFICER:
Survey and Programme. A.P.T., Grade VII, £635
to £7:10 p.a.

(3) ARTIST DRAUGHTSMAN. A.P.T., Grade
II, £420 to £455 p.a.

Applicants for (1) and (2) must have had good
experience in the branch of planning technique
specified, and must be Corporate Members by
examination of the T.P.I.

Applicants for (3) should possess a high
standard of draughtsmanship and be able to
produce perspective and three dimensional drawings to illustrate planning proposals. A knowledge of model making would be an advantage.

Details of duties and forms of application to
be obtained from me must be delivered not later
than 27th June, 1940.

H. F. ALSTON.
Borough Planning Officer.
Corn Exchange Chambers,
Thomas Street, Newport, Mon. 1235

EASTERN REGIONAL HOSPITAL BOARD, SCOTLAND.
ARCHITECT'S DEPARTMENT.
Applications are invited for the appointment of ARCHITECTURAL ASSISTANT, A.P.T., Grade VA. £556-£610. Candidates should be Associate Members of the R.I.B.A., and have had good general experience in design, construction, and maintenance of public buildings, including hospitals.
The appointment will be subject to the National Health Service.

maintenance of public buildings, including hospitals.

The appointment will be subject to the National Health Service (Scotland) (Superannuation) Regulations, 1948, and the successful candidate will be required to pass a medical examination. The appointment will be terminable by one month's notice on either eide.

Canvassing in any form will disqualify.

Applications, stating age, qualifications, experience, past and present appointments, and accompanied by the names and addresses of three referees, should be sent to the Secretary, Eastern Regional Hospital Board, "Bracknowe." 430, Blackness Road, Dundee, not later than 7th July, 1949. 1949. 2nd June, 1949.

BRITISH ELECTRICITY AUTHORITY.

EASTERN DIVISION.

Applications are invited for the following positions in the Civil Engineering Department at Divisional Headquarters in North London.

(a) ASSISTANT ARCHITECTIS. Commencing salary range £636-£734, inclusive of 5 per cent. London weighting, N.J.B. Schedule, Class J. (7ade 7 to 5.

(b) ARCHITECTURAL ASSISTANTS. Commencing salary range £518-£636 per annum, inclusive of 5 per cent. London weighting, N.J.B. Schedule, Class J. (7arde 8B to 7.

Applicants should have had avacione in the design and alteration of industrial buildings. Initial salaries will be, in accordance with previous experience and qualifications.

The salaries are in accordance with the scales at present operating, but may be subject to negotiation through the medium of the Joint Board.

The appointments will be Superannaable under the conditions of the Scheme of Paguiltins to

Board.
The appointments will be Superannuable under the conditions of the Scheme or Regulations to be made under the provisions of the Electricity Act. 1947.
Applications, stating age, experience, present positions and salary required, and endorsed with the appointment sought, should be submitted to arrive not later than 30th June, 1945. to the Divisional Controller, British Electricity Authority, Eastern Division, Northmet House, Southgate, N.14.

w. N. C. CLINCH.
Controller.

SALOP COUNTY COUNCY.

SALOP COUNTY COUNCY.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the appointment of an ASSISTANT QUANTITY SURVEYOR, on A.P.T., Grade IV (2480-2525 per annum).

The appointment will be subject to one month's notice in writing on either side: to the terms of the National Joint Council's Scheme of Conditions of Service, and the provisions of the Local Government Superannuation Act, 1937. The successful applicant will be required to pass a medical examination.

Application forms may be obtained from the County Architect. A. G. Chant, F.R.I.B.A., 5, Belmont, Shrewsbury, to whom they must be returned, accompanied by copies of not more than three recent testimonials, not later than Tuesday, 5th July, 1949.

G. C. GODBER.

G. C. GODBER.
Clerk of the Council.

1268

Shrewsbury. June, 1949.

Shrewsbury.

June, 1949.

CITY AND COUNTY OF BRISTOL.

CITY PLANNING DEPARTMENT.

Applications are invited for the following permanent appointments on the staff of the City Planning Officer:

(a) SENIOR ASSISTANT ARCHITECT (Development Plan). Grade A.P.T., VIII.

(b) SENIOR ASSISTANT (Reconstruction). Grade A.P.T., VIII.

(c) SENIOR ASSISTANT (Survey and Research). Grade A.P.T., IV.

(d) GENERAL ASSISTANT (Development Plan). Grade A.P.T., IV.

(e) GENERAL ASSISTANT (Reconstruction). Grade A.P.T., IV.

(a) GENERAL ASSISTANT (Reconstruction). Grade A.P.T., IV.

(a) GENERAL ASSISTANT (Reconstruction). Grade A.P.T., IV.

(b) GENERAL ASSISTANT (Reconstruction). Grade A.P.T., IV.

(c) GENERAL ASSISTANT (Reconstruction). Grade A.P.T., IV.

(d) Applicants for (a) should be Associate Members of the Royal Institute of British Architects or hold an equivalent qualification, and have had experience in the preparation of redevelopment schemes—the built-up areas, and an extensive knowledge of neighbourhood planning in a large City.

Applicants for (b) should hold an engineering qualification, and preference will be given to a candidate who has also passed the final examination of the Town Planning Institute or Development of Schemes for the reconstruction of war damaged areas of a City is essential.

Applicants for (c) should have passed the Intermediate examination of the Town Planning Institute or the Royal Institute of Chartered Surveyors, and have had experience in carrying out Survey and Research into large built up areas of a City is essential.

Applicants for (c) should have passed the Intermediate examination of the Town Planning Institute or the Royal Institute of Chartered Surveyors, and have had experience in carrying out Survey and Research into large built up areas of a City is essential.

Applicants for (c) should have passed the Intermediate examination of the Town Planning Institute of Chartered Surveyors, and Research into large built up areas of the Conditions of Service, and the successful applicants will

WHB/JMcG. 2nd June, 1949.

COUNTY COUNCIL OF THE WEST RIDING OF YORKSHIBE.

COUNTY PLANNING DEPARTMENT.

Applications are invited for the following permanent appointments to the staff of the County Planning Department, in cach case at a commencing salary within the scale applicable to the post, according to the experience and qualifications of the successful candidate:

(a) AREA PLANNING OFFICER (salary scale, 2750×250-21.060 per annum).

(b) CHEF PLANNING ACCOUNTY.

(a) AREA PLANNING OFFICER (salary scale, £760 × £50 – £1,060 per annum).

(b) CHIEF PLANNING ASSISTANT (salary scale, £685 × £25 – £7,600 per annum).

(c) SEMIOR PLANNING ASSISTANTS (TWO) (salary scale, £695 × £25 – £7,100 per annum).

(d) PLANNING ASSISTANTS (THRE) (salary scale, £696 × £25 – £7,100 per annum).

The successful candidate for appointment (s) will be required to take charge of the Huddersfield Area Planning Office, and to be responsible for the carrying out of such duties as may be assigned to him. Applicants should be Corporate Members of the Town Planning Institute, and in addition should possess a qualification in Civil Engineering, Surveying or Architecture, and have had considerable planning and administrative experience in a position involving the control of staff.

perience in a position involving the control of staff.

The successful candidate for appointment (b) will be attached to the Headquarters of the Department at Wakefield, and applicants should have had a wide experience in Town and Country Planning and possess knowledge of current planning practice and legislation. They should also be Corporate Members of the Town Planning Institute and possess a recognized qualification in Civil Engineering, Surveying or Architecture.

One of the appointments (c) is on the Headquarters staff at Wakefield, and the successful candidate will be required to undertake such duties as may be assigned to him, which will particularly include work in connection with the promotion of Tree Preservation Orders necessitating surveying areas of woodlands, estimating values, consulting Local Authorites and advising on necessary cutting, thinning, replanting and general care of woodlands. Applicants should be Corporate Members of either the Royal Institution of Chartered Surveyors (Land Agency Subpatishin) or the Land Agent's Society, with a qualification in Forestry, or should hold an approcommission.

Commission.

The other appointment (c) is on the staff of the Skipton Area Planning Office. Applicants should be Corporate Members of the Town Planning Institute or possess a recognized qualification in Civil Engineering, Surveying or Architecture, and have had considerable experience in a Planning Office.

Office.

The successful candidates for appointments (d) will be assigned for duty at the Skipton, Huddersfield and Barnsley Area Offices, and applicants may express a preference for any of those places. Applicants should have received training in Town Planning, Civil Engineering, Surveying or Architecture, abould have had previous planning experience, and preferably be Corporate Members of one of the appropriate Institutions for the professions named. Consideration will, however, be given to applicants who possess a University Degree in Economics, Geography, or allied subjects.

subjects. All the appointments will be subject to the provisions of the Local Government Superannuation Act, 1937, as amended by the West Biding County Council (General Powers) Act, 1948, and successful applicants will be required to pass a medical examination.

Applications, stating age, qualifications and experience, and accompanied by copies of two recent testimonials, should be received by the undersigned not later than Saturday, the 25th June, 1949.

County Planning Office, 7, Bond Street,

Wakefield.

Wakefield. 1230

COUNTY BOROUGH OF SOUTHAMPTON.
BOROUGH ARCHITECT'S DEPARTMENT.
Applications are invited for the following appointments:

(a) BRANCH ARCHITECT—BDUCATION.
(b) ASSISTANT ARCHITECT. Grade V (£520-7270).

(c) ASSISTANT ARCHITECT.

(£460-£525).

(d) SENIOR ASSISTANT PLANNING
OFFICER, Grade VIII (£685-£760).

OFFICER, Grade VII (£635-£710).

(f) ASSISTANT PLANNING
OFFICERS.
Grade V (£530-£570).

(r) ABSISTANT PLANNING Grade V (£520-£570).
(g) ABSISTANT PLANNING Grade IV (£480-£525).
(h) PLANNING ABSISTANT.
(£450-£495). (£450-£495). (i) PLANNING ASSISTANT. Grade II (£420-£466).

(1) PLANNING ASSISTANT. Grade I (£396-£435).

(k) JUNIOB PLANNING ASSISTANTS.
General Division (£135-£385).
(l) TEMPORARY SURVEYOR. £5 18s. per

Week. Applications, on forms obtainable from L. Applications, on forms obtainable from L. Berger, Dip.Arch., A.R.I.B.A., Borough Architect, Civic Centre, Southampton, are returnable not later than 2nd July, 1949.

B. RONALD H. MEGGESON.

Town Clerk.

Civic Centre, Southampton. 3rd June, 1949.

COUNTY COUNCIL OF INVERNESS.
HOUSING.

Applications are invited for the temporary appointment of BUILDING MANAGER, at a salary of £800 per annum, plus subsistence allowance of £800 per annum. In addition, travelling expenses will be paid according to the County Council's scale. The successful applicant will be attached to the County Architect's Department. Applicants should have an extensive knowledge of building trades and have practical and technical experience in the administration, organisation, and exceution of building works for housing schemes.

Applications, stating qualifications and experience, and accompanied by copies of not more than three recent testimonials, should be lodged with the undersigned within ten days of the publication of this advertisement.

R. WALLACE, County Clerk County Buildings, Inverness.

County Buildings, Inverness.

1244

HIS MAJESTY'S COLONIAL SERVICE.
A vacancy exists in the Colonial Engineering Service for a SENIOR TOWN PLANNING OFFICER, in the Lands and Mines Department, Tanganyiak. Salary in the scale £65 to £1,230 per annum, point of entry depending on age, qualifications and experience. Candidates, who must be British subjects, physically fit, and between the ages of 30 and 35, must be Associate Members of the Town Planning Institute, and have either Civil Engineering or Architectural qualifications. They should possess knowledge of town planning legislation. The Officer appointed will be required to undertake all work in connection with preparation of Civil Surveys and Town Planning Schemes, and act as Deputy to the Chief Town Planning Officer. The appointment will be on probation for permanent and pensionable employment.

on probation for permanent and pensionable employment.

Terms of service include free 1st class passages each way each tour for the officer, his wife and children (up to a maximum of 3 adult passages). Furnished government quarters, if available, at a rent of 10 per cent. Of salary. Home leave on full pay after tours of two to three years, at the rate of 5 days per month of resident service. Intending candidates should write at once for forms of application to the Director of Recruitment, Colonial Office, Sanctuary Buildings, Gt. Smith Street, London, S.W.1, quoting reference No. 27251/22A.

CITY OF CARDIFF.

CITY OF CARDIFF.

ARCHITECTURAL ASSISTANTS.

Applications are invited for two Assistant Architects (Education), in accordance with the National Scale of Salaries, A.P.T., Grade VII.

Candidates must be Associates of the R.I.B.A. Details of the conditions and duties may be obtained from the City Surveyor, City Hall, Applications, endorsed.

Cardiff.

Applications, endorsed "Assistant Architect," should be delivered to the undersigned not later than the 24th June, 1949.

S. TAPPER-JONES Town Clerk.

City Hall, Cardiff.

2nd June, 1949.

BOROUGH OF HORNSEY.

BOROUGH ENGINEER AND SURVEYOR'S

DEPARTMENT.

APPOINTMENT OF ARCHITECTURAL

ASSISTANT.

Applications are invited for the following temperary appointment.

Applications are invited by an appointment:— ARCHITECTURAL ASSISTANT, Grade VI (A.P.T. Division of the National Scale), at a salary of £595-£660 per annum, plus London weighting allowance of £30 per annum. Candidates should preferably be Associated Members of the Royal Institute of British Architects.

Architects.

Applications, stating age, present and previous appointments, technical training, qualifications, experience, etc., together with the names of three referees, must be delivered to Mr. J. H. Melville Richards, A.M.I.C.E., M.I.Mun.E., Borough Engineer and Surveyor, Horney Town Hall, N.S. not later than the 30th June, 1949.

Canvassing, either directly or indirectly, will disqualify.

H. BEDALE.

H. BEDALE, Town Clerk Town Hall, Hornsey, N.s. 10th June, 1949.

10th June, 1949.
COUNTY BOROUGH OF DEWSBURY.
BOROUGH ARCHITECT AND BUILDINGS
SURVEYOR'S DEPARTMEN'T
Applications are invited for the following
pointments in the Borough Architect and Buildigs Surveyor's Department (Education Sec-

ings Surveyor's Department (Education Section):—

(a) ARCHITECTURAL ASSISTANT. Grade A.P.T. V. Salary £520-£570 per annum.

(b) QUANTITY SURVEYOR. Grade A.P.T., VI. Salary £59-£60 per annum.

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

Applications, stating age, qualifications, full particulars of training and experience, together with copies of two recent testimonials, should be sent to the undersigned not later than 10 a.m. Monday, 4th July, 1949, endorsed "Architectural Assistant" or "Quantity Surveyor."

A. NORMAN JAMES, Town Hall, Dewsbury.

Town Hail, Dewsbury. 10th June, 1949.

HIS MAJESTY'S COLONIAL SERVICE.

A vacancy exists for a TOWN PLANNING
OFFICER, Public Works Department, Siera
Leone. Salary in the scale 2830 to 21,030 per
annum, point of entry dependent upon age, qualifications and experience. Appointment will be on
contract for one tour of 12 months in the first
instance, with prospects of renewal subject to
satisfactory service.

contract for one tour of 18 months in the first instance, with prospects of renewal subject to satisfactory service.
Candidates must be Associate Members of the Town Planning Institute, and preferably have civil engineering or architectural qualifications.
They should also have experience in town planning branch of a municipal authority in the design and execution of town planning schemes.
Terms of service include furnished Government quarters if available, at rents of £75 to £90 per annum, according to salary. Free 1st class passages once each way each tour for the officer and his wife. Home leave on full pay at the rate of 7 days per month of resident service after tours of from 18 to 24 months. A gratuity is payable on termination of the contract.
Intending candidates should write at once for forms of application to the Director of Recruitment, Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.I., giving brief details of age, qualifications and experience, and quoting reference No. 27281/13.

COUNTY BOROUGH OF SUNDERLAND EDUCATION COMMITTEE.

Applications are invited for the following pesitions in the Education Architect's Department:

(a) SENIOR ARCHITECTURAL ASSISTANTS
(Qualified). A.P.T., Grade V (£520-£570 per annum).

(b) ARCHITECTURAL ASSISTANTS (Qualified). A.P.T., Grade III-IV (£450-£525 per annum).

(c) JUNIOR ARCHITECTURAL ASSISTANTS
(Unqualified). A.P.T., Grade I (£390-£435 per

(c) JUNION ARCHTERUTURAL ASSISTANTS (Unqualified). A.P.T., Grade I (2390-2435 per annum).

Candidates for post (a) and (b) should be fully qualified architects, and be capable of handling work from the sketch plan stages to completion. Candidates for post (c) should have passed the Intermediate stage R.I.B.A. or hold equivalent qualifications.

The appointments will be subject to the conditions of the Local Government Superannuation Act, 1397, and to the selected candidates passing a medical examination.

Candidates will be required to disclose whether to their knowledge they are related to any senior office under the Authority. Canvassing will be a disqualification.

Forms of application may be obtained from the undersigned (state whether for post (a), (b) or (c)), and should be returned within 14 days of the appearance of this advertisement.

W. THOMPSON,

W. THOMPSON,
Director of
Sunderland.

June, 1949. of Education.

CORPORATION OF GLASGOW.
HOUSING DEPARTMENT.
Applications are invited for the undernoted appointments:—
ASSISTANT ARCHITECTS, Grade I.
ASSISTANT QUANTITY SURVEYORS, Grade

Salary scale: A.P.T., VI. £595-£660. ASSISTANT ARCHITECTS. Grade II. ASSISTANT QUANTITY SURVEYORS, Grade

ASSISTANT QUANTITY SURVEYORS, Grade II.
Salary scales: A.P.T., I, III and V, £390-£435, £450-£495, £520-£570.

Applicants should have passed the Final Examination of the appropriate professional body, or should hold an equivalent qualification.

In the case of Grade II appointments, the commencing salary will be fixed according to age and experience.

The appointments will be to the Permanent Establishment of the Department, and are subject to the provisions of the Corporation's Supernanuation Scheme. Successful applicants will require to pass a medical examination.

The appointments are terminable on either side by one month's notice in writing.

Applications, indicating the position applied for, and stating age, particulars of training, experience and qualifications, should be addressed to the undersigned and should be received within 14 days of the publication of this advertisement.

A. G. JURY,

A. G. JURY,
Director of Housing.
Glasgow, C.1.

Glasgow, C.I.

CITY OF PERTH.

BURGH SURVEYOR'S DEPARTMENT.

Applications are invited for the appointment of ARCHITECTURAL ASSISTANT, A.P.T., Grade V. £520-£570.

Candidates should be Associate Members of the R.I.B.A. and have good general experience in design and construction of housing schemes. The appointment is subject to the Corporation Conditions of Service and Superannuation Scheme, and the successful candidate will require to pass a medical examination.

Applications, stating age, qualifications, experience, present position and salary, accompanied by copies of three recent testimonials, should be ledged with the Burgh Surveyor and Architect, 16, Tay Street, Perth, within 10 days of the date of this advertisement.

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ions, experi-ompanied by should be d Architect, of the date

LONDON COUNTY COUNCIL.
PARKS DEPARTMENT.
Applications are invited for positions
reniectural, Surveying and Landscape Assi

Aprilectural, Surveying and Lanuscape Americants.
One position of SENIOR ARCHITECTURAL ASSISTANT, salary scale £700×£35—£840, and further positions, ARCHITECTURAL and LAND-SCAPE in two grades, salary scales £550×£25—£700 and £200×£25—£550.
Commencing salaries according to qualifications and experience.

Commencing sataries accounts to assume the and experience.

Full Corporate Membership of the Royal Institute of British Architects is required for the position of Senior Architectural Assistant. For the other positions preference will be given to candidates who have passed the Intermediate examination of the R.I.B.A. or the examination of the I.L.A., or who possess equivalent qualifications.

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The work for Architectural Assistants will consist of surveys, preparation of sketch schemes, working drawings and specifications for various buildings at parks and open spaces, such as swimming baths, refreshment houses, etc.

Landscape Assistants will be engaged upon the preparation of schemes, working drawings and specifications for the layout of new parks, sports grounds, and garden layouts for the Council's housing estates and schools, etc.

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class sea passages, and living accommodation at
a rental of £200 a year, are supplied.
Applicants should possess a degree in Architecture of a British University and the Fellowship
of the Royal Institute of British Architects. They
should have both academic and practical experiene. The successful candidate will be expected
to take up his duties by the end of 1949 at the
latest.

laiest.
Applications should be sent in triplicate, together with testimonials and the names of two referees to the Secretary, Association of Universities of the British Commonwealth, 5, Gordon Square, London, W.C.1 (from whom further information may be obtained) not later than 18th August, 1949.

INOTITED THE PROPRIES OF ARCHITECTS DEFARTMENT.

ARCHITECT'S DEFARTMENT.

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

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(b) TWO ASSISTANT ARCHITECT. A.P.T. Division, V (salary £596-£670 per annum).

In respect of appointment (a) housing secommodation is being made available, and can if necessary be provided by the Authority for the successful applicant.

Applicants for appointment (a) must be Amociates of the Royal Institute of British Architects, with experience in the design and construction of school buildings and capable of carrying out large contracts.

Applicants for appointment (b) should preferably be fully qualified architects, with experience in the design and construction of school buildings.

Forms of application (which should be returned not later than 9 a.m. on Friday, 3th July, 1949) and conditions of service may be obtained from the Director of Education, Education Offices, Woodlands Road, Middlesbrough.

gh. E. C. PARE, Town Clerk. 1274

CORPORATION OF LONDON.
SURVEYING ASSISTANTS.
Applications are invited from BUILDING SURVEYORS for employment in the City Surveyor's Department in connection with works of maintenance and repair, alterations, and additions concerning various types of Corporation properties.

senance and repair, alterations, and additions concerning various types of Corporation properties.

Applicants should have a good knowledge of building construction and materials, be experienced in specification writing, be able to prepare working drawings, to issue instructions to Constactors, and supervise the execution of the works. The age of applicants should not be less than 25 years or over 45 years, and the salary range will be between £375 per annum and £625 per annum, according to experience and qualifications. Applicants should be at least equal to the Intermediate standard of the Royal Institution of Chartered Surveyors.

The appointments are temporary, but successful applicants will be eligible for transfer to the permanent staff should a vacancy occur.

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

Applications, giving fall personal details and particulars of qualifications, experience, age, past and present appointments, together with one recent testimonial, should be forwarded to George Holliday, F.R.I.C.S., City Surveyor, 55/61, Moorgate, London, E.C.2.

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Applications are invited for the following unestablished appointments in the Ministry of Finance:—

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Grade B, £300-£500 per annum.

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(c) SURVEYOR'S CLERK. £200-£420 per annum.

The commencing salaries of selected candidates will be fixed according to experience within the ranges quoted.

Qualifications:—

Candidates for Grades A and B posts must possess either:

(i) The National Building Certificate; or

(ii) the Licentiate Diploma of the Institute of Builders;

or proof of professional study to an equivalent standard. In addition, candidates for Grade A must have a wide experience of quantity surveying in a Quantity Surveyor's or Contractor's Office. Government Department, or Local Authority; and for Grade B 5 years' training and experience in similar offices.

Candidates for Surveyor's Clerk posts must have at least 3 years' technical experience with a Quantity Surveyor or Building Contractor, or a lesser period if coupled with an approved course of training at a recognized school.

Preference will be given to suitably qualified persons who have sorved with H.M. Forces during the 1914-1918 or 1939-1945 Wars, provided the Ministry is satisfied that such candidates can or within a reasonable time will be able to discharge the duties efficiently.

Closing date:

Applications, containing full particulars of educations, qualifications and experience, and accompanied by copies of two recent testimonials, should be sent to the Director of Establishments, Ministry of Finance, Stormont, so as to reach him not later than 30th June, 1949.

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Alphabetical Index to Advertisers

	DAGE				
***	PAGE	Then Cotempter T 4 1	PAGE	0.111 ***	PAGE
Aerex, Ltd.	xliv	Ebor Concretes, Ltd.		Orlit, Ltd.	xix
Allied Guilds	lxi	Ellis School of Building	lxi	Permacem Paint Co., Ltd.	
Anderson Construction Co., Ltd		Ellison, George, Ltd	lxi	Prodorite, Ltd.	xxii
Anderson, D., & Son, Ltd		Empire Stone Co., Ltd	XV	Radiation, Ltd	AAH
Architectural Press	lw.	Farmiloe, T. & W., Ltd.		Dandings Dag TAJ	4.5
Architectural Freas	IX.	Farminoe, I. & W., Ltd.	xiv	Rawlings Bros., Ltd.	li
Armstrong Cork Co., Ltd	xiii	Fleetwood Paints, Ltd	TXT	Rawlplug Co., Ltd., The	-
Ascot Gas Water Heaters, Ltd	-	French, Thos. & Sons, Ltd	XXXIV	Rubery Owen & Co., Ltd	-
Ashwell & Nesbit, Ltd	xlviii	Froy, W. N., & Sons, Ltd	xvii	Sadd, John, & Sons, Ltd	xxiii
Austin-Hall Group of Companies, The		General Accessories Co., Ltd., The	26.4.11	Sanders, Wm., & Co. (Wednesbury), Ltd.	
		Clond & Clo. T.d.	- 1	Saudors, will., & Co. (welliesbury), Life.	
Baldwin, Son & Co., Ltd.		Gent & Co., Ltd.	xxiv	Sankey, J. H., & Son, Ltd	-
Banister, Walton & Co., Ltd	XXX	Glow-worm Boilers Ltd	xlix	Scaffolding (Great Britain), Ltd	_
Bath Cabinet Makers & Arterafts, Ltd.	xxvii	Greenwood's & Airvac Ventilating Co.,		Sealocrete Products, Ltd	ii
Bigwood, Joshua, & Sons, Ltd	xlvii	Ltd	- 11	Secomastic, Ltd	
Blundell, Spence Co., Ltd		G.R.L. Plastics, Ltd.	xlvi	Setright Registers, Ltd.	244
Deulten & Benl Ted	xliii	Company Droducts T.4.		Scurgut Registers, Ltd	lii
Boulton & Paul, Ltd		Gyproc Products, Ltd.	XXIX	Sharman, R. W., Ltd	lxi
Braithwaite & Co. (Engineers), Ltd	×	Hall, J. & E., Ltd	-	Shires & Co. (London), Ltd	lv
Bratt, Colbran, Ltd		Harvey, G. A., & Co. (London), Ltd	iii	Smith & Rodger, Ltd	Hi
Briggs, Wm., & Sons, Ltd	-	Head, Wrightson Aldean Ltd	xxii	Smith & Walker Ltd	xliv
Britannia Rubber & Kamptulicon Co.,		Helliwell & Co., Ltd	xxvi	Smith's Finance Floors I td	
		Title E & Clara T 4.3		Smith's Fireproof Floors, Ltd	xlvlii
Ltd		Hills, F., & Sons, Ltd.	vi	Sommerfeld, K. J. & A., Ltd	
British Aluminium Co., Ltd	xviii	Hope, Henry, & Sons, Ltd	xl	Southern Lime Assoc., The	ili
British Celanese, Ltd	xil	Ibstock Brick & Tile Co., Ltd	lxii	Stamford Trading Co., Ltd	
British Mouldex Rubber Co., Ltd	1	Industrial Engineering, Ltd	xxi	Stelcon (Industrial Floors), Ltd	viii
British National Electrics, Ltd	xxxiii	International Correspondence Schools	lxi	Steroot (Hittistial Floors), Litt.	VIII
	AAAIII	Tobacton Dres (Contracton) This		Structural & Mechanical Development	
Britmac Electrical Co., Ltd		Johnston Bros. (Contractors), Ltd	111	Engineers, Ltd	xxvi
Brown, Donald (Brownall), Ltd	-	Kersons Manufacturing Co., Ltd., The		Stuart's Granolithic Co., Ltd	
Cargo Fleet Iron Co., Ltd		Kingfisher, Ltd	-	Sundeala Board Co., Ltd	lxiii
Cariton Metal Mouldings Co. Ltd		Kwikform, Ltd		Sutcliffe Speakman & Co., Ltd	1.6.111
Cellon, Ltd.	xlv	Lacrinoid Products, Ltd.		Butonine Speakinan & Co., Litu	
	WIA	Too Jongwoh TAJ		Taylor, Robt., & Co. (Ironfounders), Ltd.	
Celotex, Ltd.	-	Leaderflush, Ltd.	-	Temple Varnish Co., Ltd., The	lxiii
Cement Marketing Co., Ltd., The		Lead Industries Development Council		Thermacoust, Ltd	-
Colt, W. H. (London), Ltd		Linden Doors, Ltd	xxxvii	Thompson Beacon Windows, Ltd., John	vii
Compactom, Ltd	liii	Lokay Sales	1	T.I. Aluminium, Ltd.	444
Compression Joints, Ltd	-	Mariey Tile Co., Ltd., The	W.	Tucker's Installations, Ltd.	1 111
Copper Development Association	iv	Married Andrews			lxiii
	14	Maxwell Andrew	liv	Turner's Asbestos Cement Co., Ltd	XXXXX
Crittall Manufacturing Co., Ltd., The	-	McCarthy, M., & Sons, Ltd	lxi	Twisteel Reinforcement Co., Ltd	
Davidson, C., & Sons, Ltd		McNeill, F. & Co., Ltd	AXXVI	United Steel Companies, Ltd., The	xí
Dawnays, Ltd.		Mellowes & Co., Ltd	11	Val de Travers Asphalte Paving Co., Ltd.	A.1
De La Rue Insulation, Ltd	illx	Metropolitan-Vickers Electrical Co., Ltd.	E.E.	Variety Itavels Asphanto Faving Co., Ltd.	
	xvi	Midland Flootwin Manufacturing Co., Ltd.		Venesta, Ltd.	XXXII
Denny, Mott & Dickson, Ltd		Midland Electric Manufacturing Co., Ltd.	XX	Versil, Ltd.	xxiv
Doulton & Co., Ltd	ix	Midland Joinery Works, Ltd	lii	Wailes Dove Bitumastic Ltd	liv
Dow-Mac (Products), Ltd	XXXV	Mills Scaffold Co., Ltd	lxiv	Wardle Engineering Co., Ltd., The	lxi
Dreadnought Fireproof Doors, Ltd	-	M.K. Electric, Ltd	xxviii	Wellington Tube Works, Ltd.	AAA
Dunlop Rubber Co., Ltd	XXX	Morris Singer Co.	lxi		
Durasteel Roofs, Ltdl.	lv			Westwood, J., & Co.	. 1.
	IV	Negus W. & M. Ltd.	lx	Wheeler, F. H., & Co., Ltd	lxi
Eagle Pencil Co., Ltd		North British Rubber Co., Ltd., The		Williams, John, & Sons (Cardiff), Ltd	XXXVIII
		-1-1 T () G (141 C D			

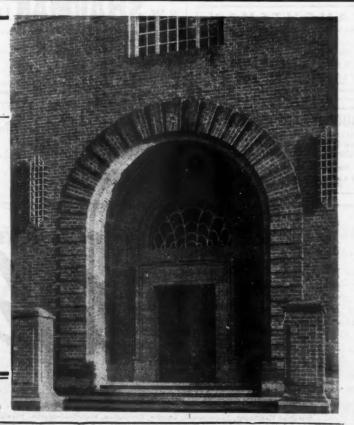
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PAGE XÍX XXII

xxiii

lii lxi lv lii xliv xliv

iii viii xxvi

lxiii

vii lxiii xxxix

xxii xxiv liv lxi

lív lxi i lxi xxxviii



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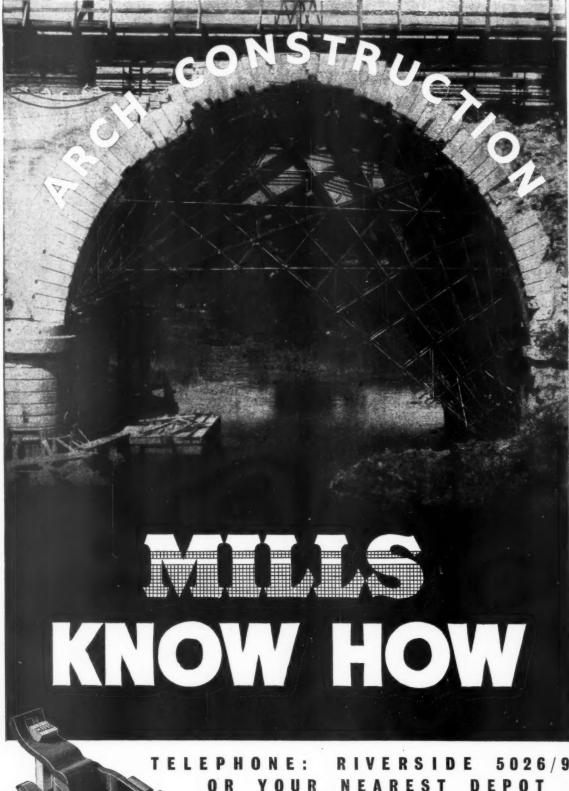


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