

# THE ARCHITECTS' JOURNAL

STACK



## standard contents

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

## DIARY NEWS

from AN ARCHITECT'S Commonplace Book

## ASTRAGAL

## LETTERS

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## CURRENT BUILDINGS

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## CENTRE

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

## INFORMATION SHEET

## SOCIETIES & INSTITUTIONS

## PRICES

Architectural Appointments  
Wanted and Vacant

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

AA	Architectural Association. 34.5, Bedford Square, W.G.1.	Museum 0974
ABT	Association of Building Technicians. 5, Ashley Place, S.W.1.	Victoria 0447-8
ACGB	Arts Council of Great Britain. 9, Belgrave Square, S.W.1.	Sloane 0421
APRR	Association for Planning and Regional Reconstruction. 34, Gordon Square, W.C.1.	Euston 2158-9 Welbeck 9738
ARCUK	Architects' Registration Council. 68, Portland Place, W.1.	
ASB	Architectural Science Board of the Royal Institute of British Architects. 66, Portland Place, W.1.	Welbeck 5721 Mayfair 2128 Redditch 716 Abbey 5422-3
BC	Building Centre. 23, Maddox Street, W.1.	
BCIRA	British Cast Iron Research Association. Alvechurch, Birmingham.	
BDA	British Door Association. 25, Victoria Street, S.W.1.	
BIA	British Ironfounders' Association. 145, Vincent Street, Glasgow, C.2.	Glasgow Central 2891
BIAE	British Institute of Adult Education. 29, Tavistock Square, W.C.1.	Euston 5385
BINC	Building Industries National Council. 11, Weymouth Street, W.1.	Langham 2785
BOT	Board of Trade. Millbank, S.W.1.	Whitehall 5140
BRS	Building Research Station. Bucknalls Lane, Watford.	Garston 2246
BSA	British Steelwork Association. Egginton House, Buckingham Gate, S.W.1.	Victoria 7301-2-3 Abbey 3333 Sloane 5255 Whitehall 6322 Sloane 4280 Whitehall 5322 Mayfair 0477 Victoria 9040
BSI	British Standards Institution. 28, Victoria Street, S.W.1.	
CCA	Cement and Concrete Association. 52, Grosvenor Gardens, S.W.1.	
CID	Council of Industrial Design. Tilbury House, Petty France, S.W.1.	Whitehall 6322
CPRE	Council for the Preservation of Rural England. 4, Hobart Place, S.W.1.	Whitehall 5322
CSI	Chartered Surveyors' Institution. 12, Great George Street, S.W.1.	Whitehall 5322
DIA	Design and Industries Association. 9, Conduit Street, W.1.	Mayfair 0477
DOT	Department of Overseas Trade. 35, Old Queen Street, S.W.1.	Victoria 9040
EJMA	English Joinery Manufacturers Association (Incorporated). Sackville House, 40, Piccadilly, W.1.	Regent 4448 Sloane 2837
FAS	Faculty of Architects and Surveyors. 8, Buckingham Palace Gdns., S.W.1.	Canonbury 2041
FMB	Federation of Master Builders. 23, Compton Terrace, Upper Street, N.1.	
FS (Eng.)	Faculty of Surveyors of England. 8, Buckingham Palace Gdns., S.W.1.	Sloane 2837 Sloane 2844 Whitehall 2881 Sloane 3158 Whitehall 4577 Temple Bar 7676 Museum 7197 Abbey 6172 Sloane 7128-29
GG	Georgian Group. 4, Hobart Place, S.W.1.	
HC	Housing Centre. 13, Suffolk Street, Pall Mall, S.W.1.	Whitehall 2881
IAAS	Incorporated Association of Architects and Surveyors. 75, Eaton Place, S.W.1.	
ICE	Institution of Civil Engineers. Great George Street, S.W.1.	Whitehall 4577
IEE	Institution of Electrical Engineers. Savoy Place, W.C.2.	Temple Bar 7676
IOB	Institute of Builders. 48, Bedford Square, W.C.1.	Museum 7197
IRA	Institute of Registered Architects. 47, Victoria Street, S.W.1.	Abbey 6172
ISE	Institution of Structural Engineers. 11, Upper Belgrave Street, S.W.1.	Sloane 7128-29
LIDC	Lead Industries Development Council. Eagle House, Jermyn Street, S.W.1.	Whitehall 7264 Museum 3767 Park 7678 Whitehall 3400 Sloane 4522 Whitehall 4300 Whitehall 6200 Gerrard 6933 Abbey 7711 Whitehall 8411 Reliance 7611
LMBA	London Master Builders' Association. 47, Bedford Square, W.C.1.	
MARS	MARS Group (English Branch of CIAM). 46, Sheffield Terrace, W.8.	Park 7678
MOA	Ministry of Agriculture and Fisheries. 55, Whitehall, S.W.1.	Whitehall 3400
MOE	Ministry of Education. Belgrave Square, S.W.1.	Sloane 4522
MOH	Ministry of Health. Whitehall, S.W.1.	Whitehall 4300
MOLNS	Ministry of Labour and National Service. St. James's Square, S.W.1.	Whitehall 6200
MOS	Ministry of Supply. Shell Mex House, Victoria Embankment, W.C.2.	Gerrard 6933
MOT	Ministry of Transport. Berkeley Square House, Berkeley Square, W.1.	Abbey 7711
MOTCP	Ministry of Town and Country Planning. 32-33, St. James's Square, S.W.1.	Whitehall 8411 Reliance 7611
MOW	Ministry of Works. Lambeth Bridge House, S.E.1.	
NAMMC	Natural Asphalt Mine-Owners and Manufacturers Council. 94, Petty France, S.W.1.	Abbey 1010
NBR	National Buildings Record. 37, Onslow Gardens, S.W.7.	Kensington 7070
NFBTE	National Federation of Building Trades Employers. 82, New Cavendish Street, W.1.	Langham 4041
NFBTO	National Federation of Building Trades Operatives. 9, Rugby Chambers, Rugby Street, W.C.1.	Holborn 2770
NFHS	National Federation of Housing Societies. 13, Suffolk St., S.W.1.	Whitehall 2881/2/3
NT	National Trust for Places of Historic Interest or Natural Beauty. 42, Queen Anne's Gate, S.W.1.	Whitehall 0211/2
PEP	Political and Economic Planning. 16, Queen Anne's Gate, S.W.1.	Whitehall 7245
PWB	Post War Building, Directorate of. Ministry of Works, Lambeth Bridge House, S.E.1.	Reliance 7611
RCA	Reinforced Concrete Association. 91, Petty France, S.W.1.	Whitehall 9936
RIBA	Royal Institute of British Architects. 66, Portland Place, W.1.	Welbeck 5721
RS <sup>9</sup>	Royal Society. Burlington House, Piccadilly, W.1.	Regent 3335
RSA	Royal Society of Arts. 6, John Adam Street, W.C.2.	Temple Bar 8274
SFMA	School Furniture Manufacturers' Association. 13, New Square, Lincoln's Inn, W.C.2.	Chancery 5313 Tudor 7027
SIA	Society of Industrial Artists. 20, Wellfield Avenue, N.10.	
SPAB	Society for the Protection of Ancient Buildings. 55, Great Ormond Street, W.C.1.	Holborn 2646
TCPA	Town and Country Planning Association. 28, King Street, Covent Garden, W.C.2.	Temple Bar 5006 City 6147 Victoria 8815
TDA	Timber Development Association. 75, Cannon Street, E.C.4.	
TPI	Town Planning Institute. 18, Ashley Place, S.W.1.	

## FACTS ABOUT



# LIME

## FOR MORTAR

" . . . Water penetration to the inner face of the wall may result from using a jointing mortar which is too dense or too porous for the type of walling unit employed."

POST-WAR BUILDING STUDIES, No. 1.

The addition of LIME to cement, sand, mixes in the proportions recommended by the HOUSING MANUAL reduces drying shrinkage and therefore a more intimate bond between mortar and walling units is provided, which increases the weather resistance of the masonry.

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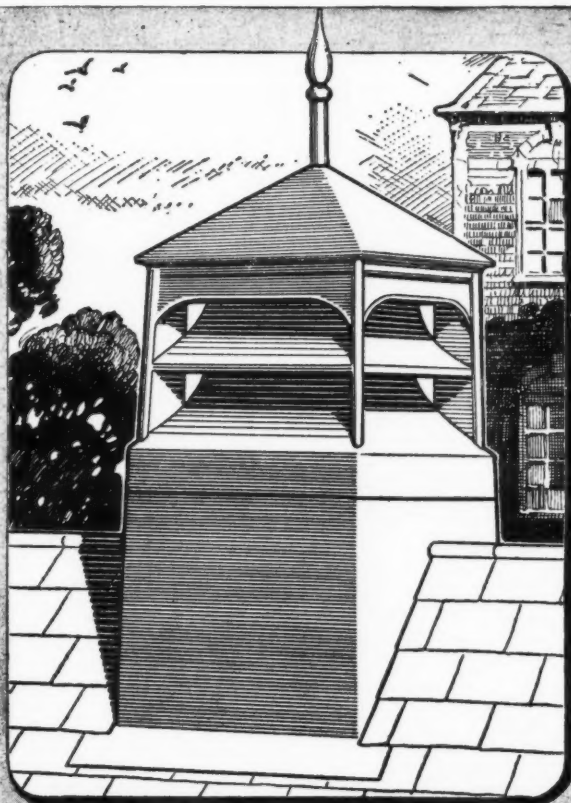


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TO THE ARCHITECT-  
SURVEYOR AND BUILDER

**Yours the problem-  
Harveys the answer!**

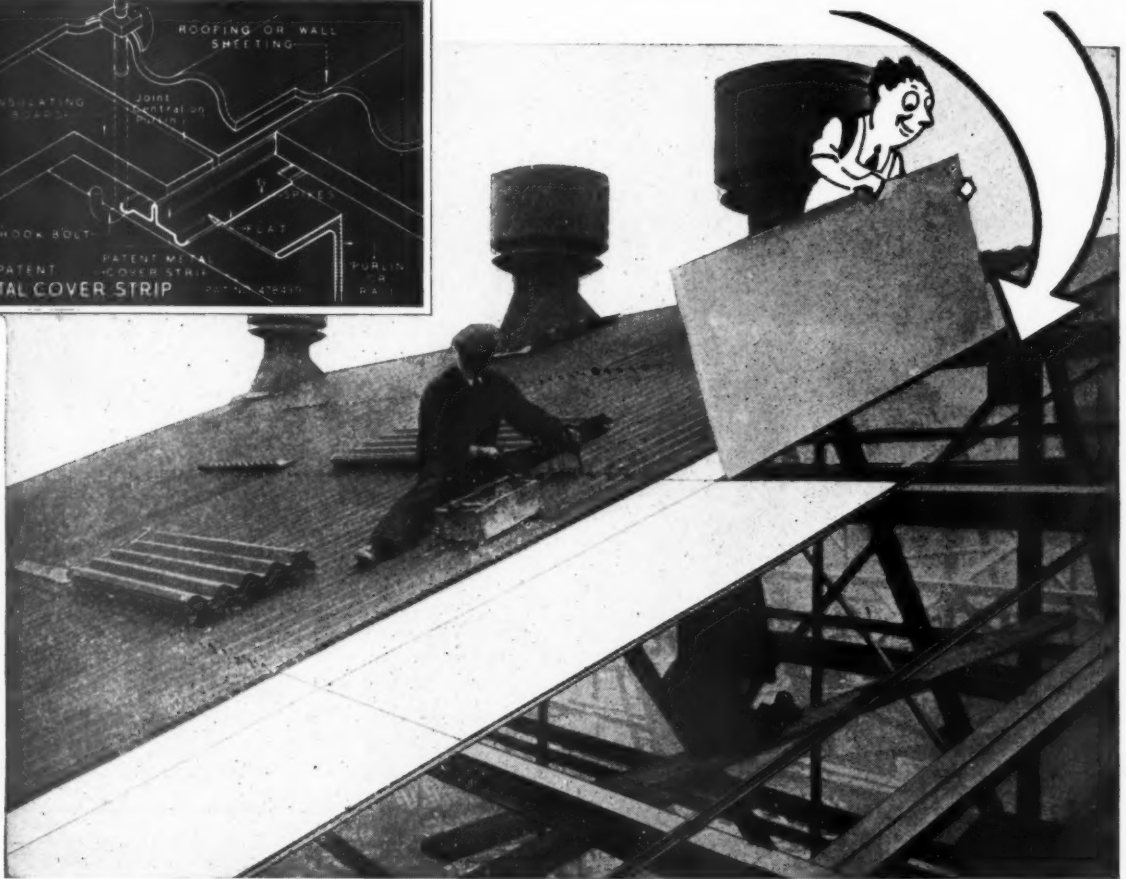
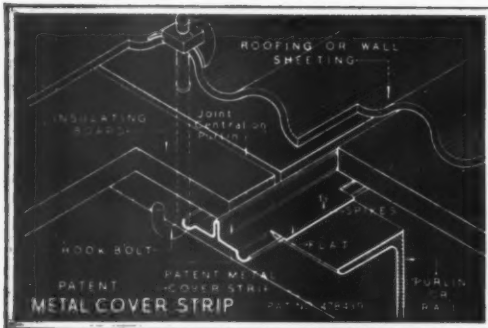
Whenever the question of "where to get" Ventilators arises—remember Harveys. For Harveys make the long-established "Harco" self-acting ventilator that ensures effective draught-free ventilation for any type of building—Hospital, School, Garage, Workshop, Hostel, etc. Our illustration shows "Harco" Ventilator No. 68, but this is only one of a very wide range of patterns and sizes. Get all your supplies from your local Builders' Merchant. For full particulars write for catalogue AJ481

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GN1012/6

# PUT TENTEST HERE — says George



For speed and economy insulate all new steel-framed roofs over the purlins by the PATENT METAL COVER STRIP method.

## ADVANTAGES

1. **It's Quicker**—roofing and insulation are fixed simultaneously.
2. **It's Cheaper**—by about 25% compared with under the purlins.
3. **It Saves steel**—about 50% saved using no nails, screws, clips, etc.
4. **All Structural Steel exposed** within the building—no hidden corrosion.
5. **All Structural Steel protected** by insulation is free from condensation.

## HEAT LOSS DATA

The following figures relate to a typical factory roof of 100,000 sq. ft. corrugated asbestos-cement, and are based on Chart 1 of Fuel Efficiency Bulletin No. 12\*.

"U" of roof unlined ...	1.40
"U" of roof lined with $\frac{1}{2}$ in. TenTest fixed by Patent Metal Cover Strip ...	0.37
Cost of roof lining at 9d. sq. ft. ...	£3,750
Saving on Heating Plant ...	£6,500
Fuel saved per heating season...	570 TONS
Annual value of fuel saved	at 50/- per ton £1,400

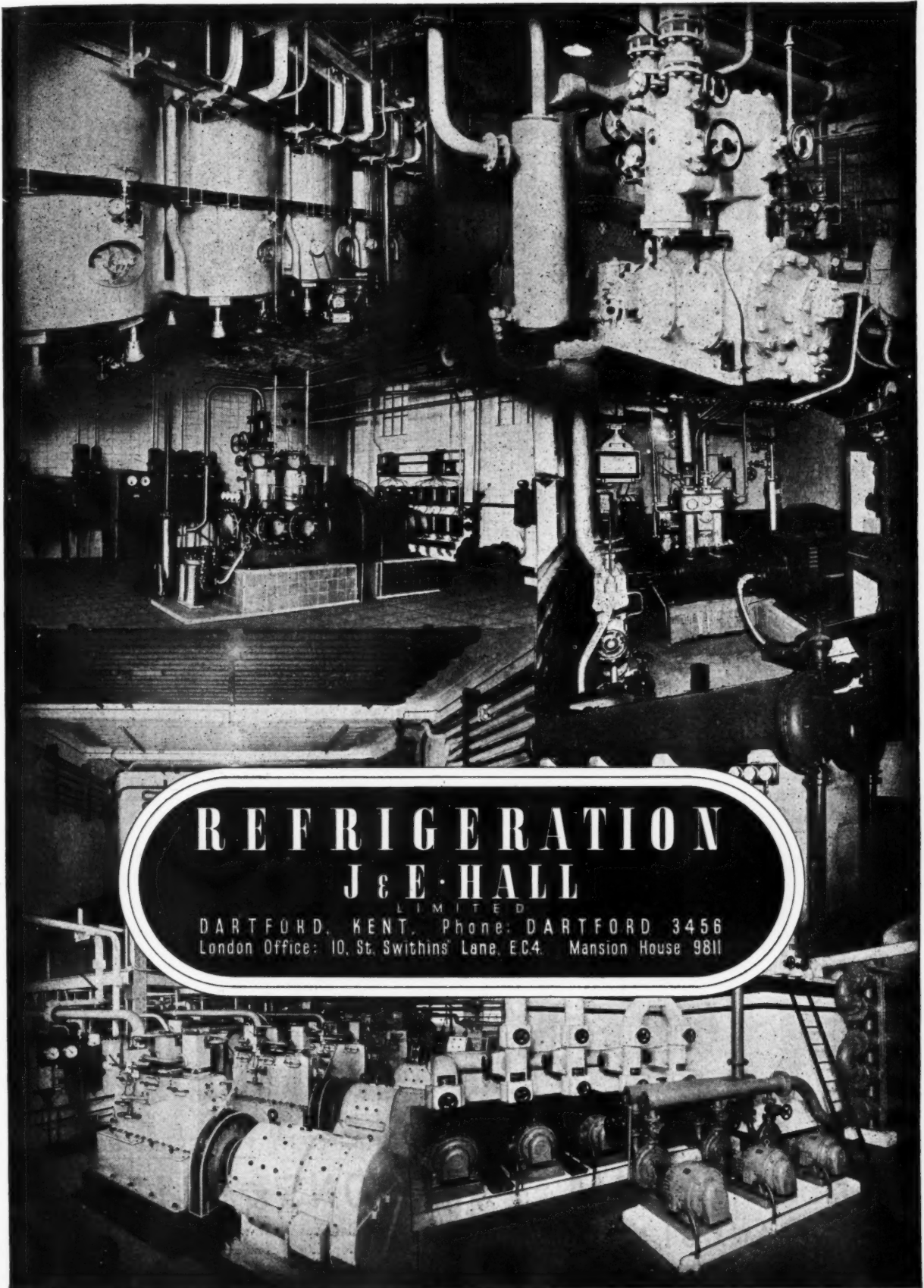
Ministry of Fuel and Power, free and post free.

If you would like to consider the full advantages of Structural Insulation in relation to the building designs you have in hand, let us put our technical representative in touch with you to make a free survey and give you facts and figures. Our Specialised Construction Department is fully equipped to undertake supplying and fixing complete to ensure satisfactory results.



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**The most modern of all labour saving devices!**

The "NEWSUM" PATENT TRADESMAN'S HATCH has already been specified for Municipal and private building schemes in every part of the country.

It is a practical new fitment, and should be used in EVERY home. Perishable goods are kept free from all possible contamination.

The tradesman saves time when delivering and the housewife's frequent distractions to answer the door are abolished. Once the goods have been placed in the hatch they cannot be pilfered from the outside.

There are three compartments designed to receive Bread, Meat and Milk, and once these goods have been deposited from the exterior and the hatch closed, access can only be gained from the interior.

Two loose shelves and a tray for meat are provided, and these can easily be removed for purposes of cleaning.

The hatch is strongly constructed, the doors being faced with resin-bonded (weatherproof) plywood, and it incorporates the Patent Automatic Locking Device.

# NEWSUMS TRADESMAN'S HATCH

Patent in Great Britain.

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THE ESSENTIAL STANDARD UNIT OF DOMESTIC EQUIPMENT FOR EVERY HOME.

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# WIMPEYS AT WORK SYNTHETIC OIL FACTORY

**CLIENT:** Imperial Chemical Industries Ltd.

**SITE:** Heysham, Lancs.

**FLOOR AREA:** 12 main buildings each 30,000-100,000 sq. ft. and from 40 to 90 feet high, also many smaller buildings.

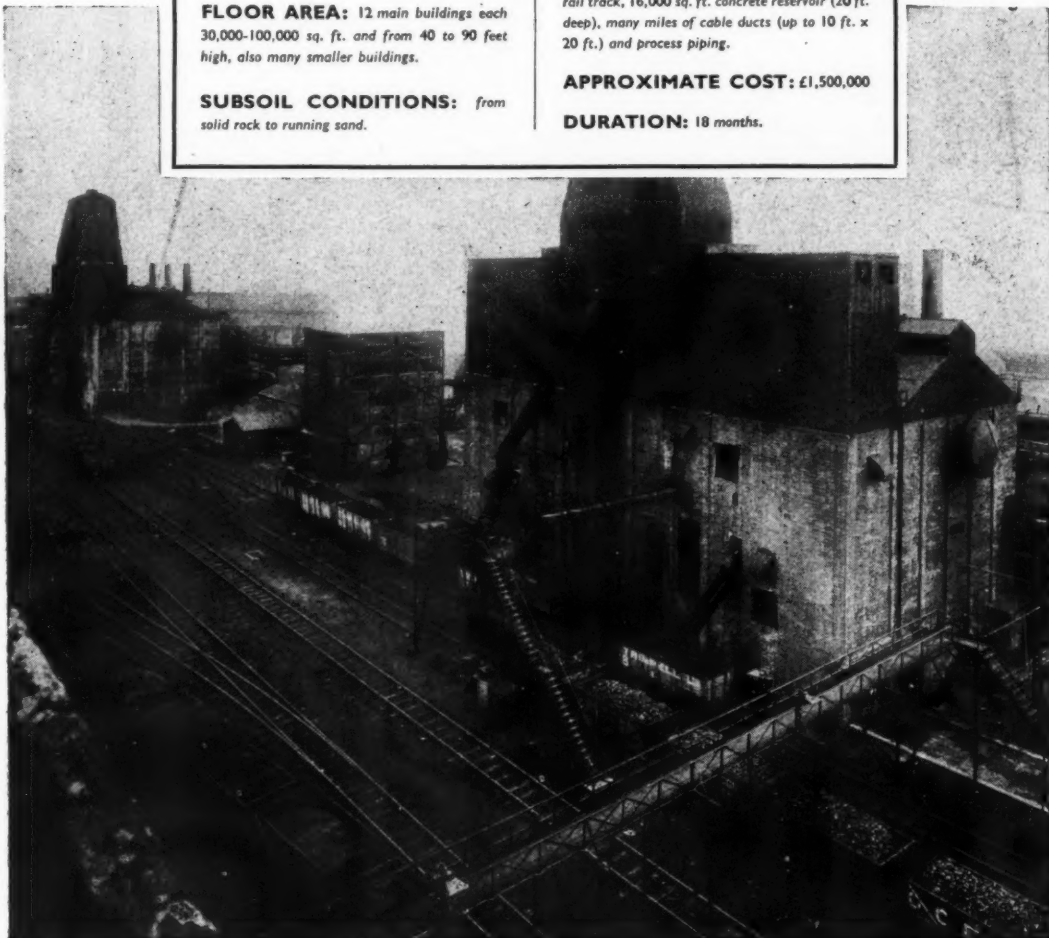
**SUBSOIL CONDITIONS:** from solid rock to running sand.

**MATERIALS** included over 3,500,000 cu. ft. reinforced concrete and 15,000,000 bricks.

**SERVICING:** 6 miles of roads, 8 miles of rail track, 16,000 sq. ft. concrete reservoir (20 ft. deep), many miles of cable ducts (up to 10 ft. x 20 ft.) and process piping.

**APPROXIMATE COST:** £1,500,000

**DURATION:** 18 months.

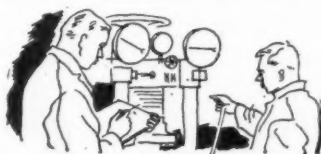


The smooth speed and economy of Wimpey's work are the result of planning: *complete* pre-planning. Before a single lorry stirs, every step and sequence exists in chart-form, plotted, timed, co-ordinated.

But this planning isn't done 'in a vacuum.' It isn't based on theories. It is based on information from the site—collected by the nearest Wimpey Regional Office. Building, Estimating, Plant, Transport, Accountancy—each department works out needs and schedules. These are adjusted, welded together. Wimpey's Central Laboratory tests all materials (both at this stage and during work on

site). The Master Plan is completed.

Finally, throughout work on site, Progress Engineers see that



performance matches plan—or occasionally, if some new factor enters, see that performance is modified. For, let us repeat, Wimpey planning is elastic. It is the result of sixty years' successful practice. It is employed *because it saves time and money and produces better work.*

## Regional Organization

Wimpeys can immediately apply their methods to any job of any size in any part of Britain. Wimpey's Head Office is at Denham, Middlesex, and their Regional Offices are at Birmingham, Cardiff, Manchester, Newcastle, Nottingham, Edinburgh and Glasgow.

# WIMPEY

BUILDING CONTRACTORS SINCE 1880.





## Beacon partitioning *is the answer to that toilets problem*

Converting that floorspace into a self-contained office unit isn't going to be easy, John. You know the problem. "X" number of staff to go into "Y" space. You must make provision for toilets. I believe steel partitioning is the answer to your trouble. There's no lost space in wall thickness — in fact you could steal inches from each office — it looks good — and it can be moved around if necessary.

Ring up the Beacon people to come along and advise us.

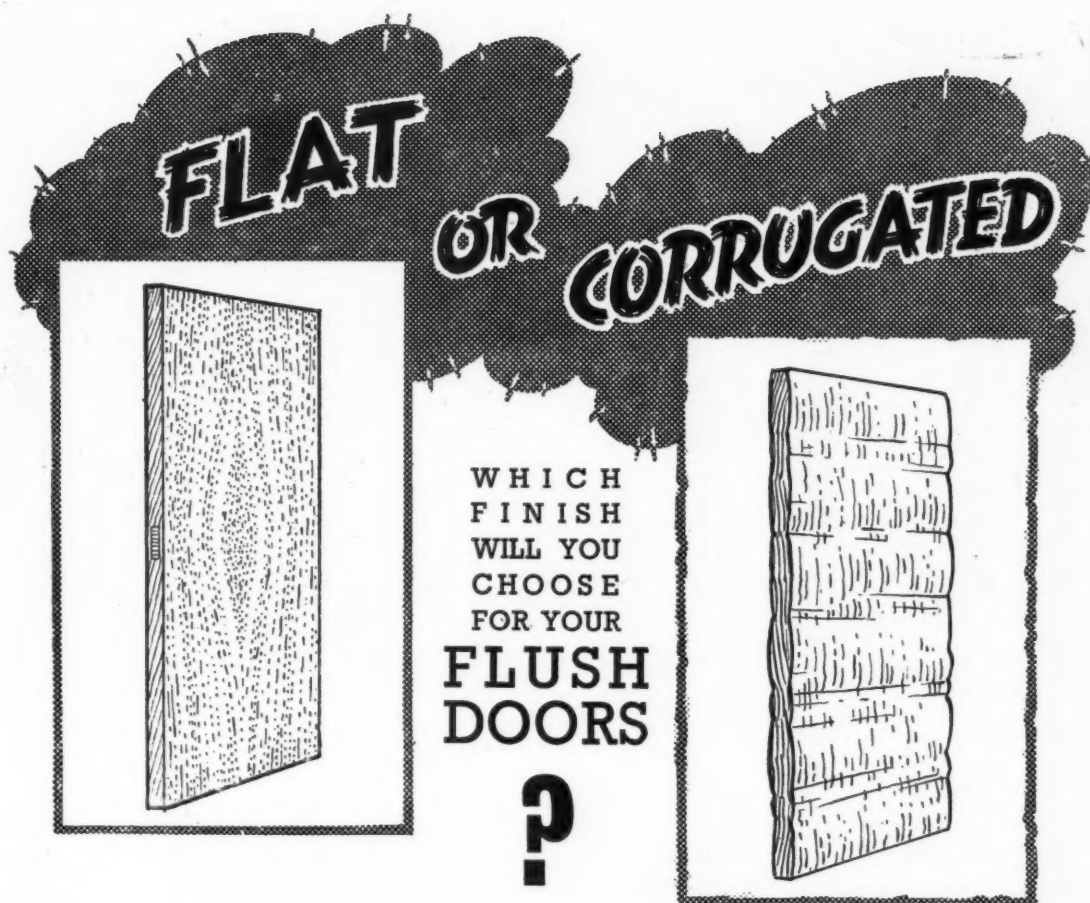


**Steel Partitioning • Steel Windows • Steel Flooring**

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London Office: Imperial House, Kingway, W.C.2 • Telephone: Temple Bar 3216 (3 Lines)



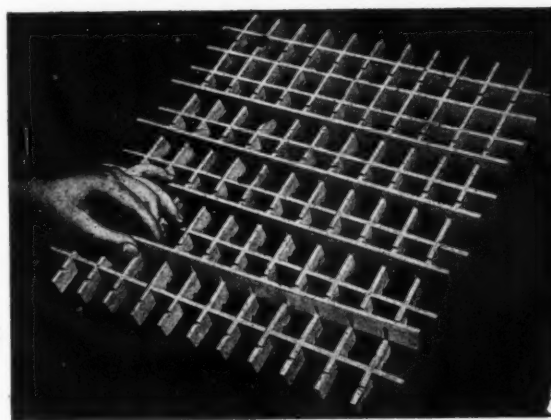


THE fact that our sketch rather exaggerates the corrugated effect is not really important, because you are not concerned with the degree of corrugation but to eradicate it entirely.

Likewise you are not interested as to whether the corrugations are horizontal or vertical.

We know from long experience that it is not easy to design a flush door core that is proof against this unsightly defect.

THE SURFACES OF "REZO" DOORS REMAIN OPTICALLY FLAT. This coupled with its inability to warp or wind makes the "Rezo" Door such an outstanding article. We shall be glad to let you have a blue print.



FROM THIS ILLUSTRATION OF THE "REZO" CORE YOU WILL REALISE THE IMPOSSIBILITY OF A CORRUGATED SURFACE.

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*T*HE essential foundation stone upon which a quality-first and durable Electrical Installation is founded.

WALSALL CONDUITS LTD • WEST BROMWICH



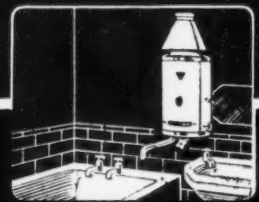
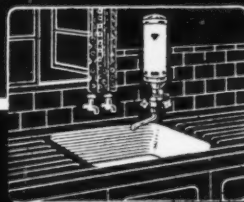




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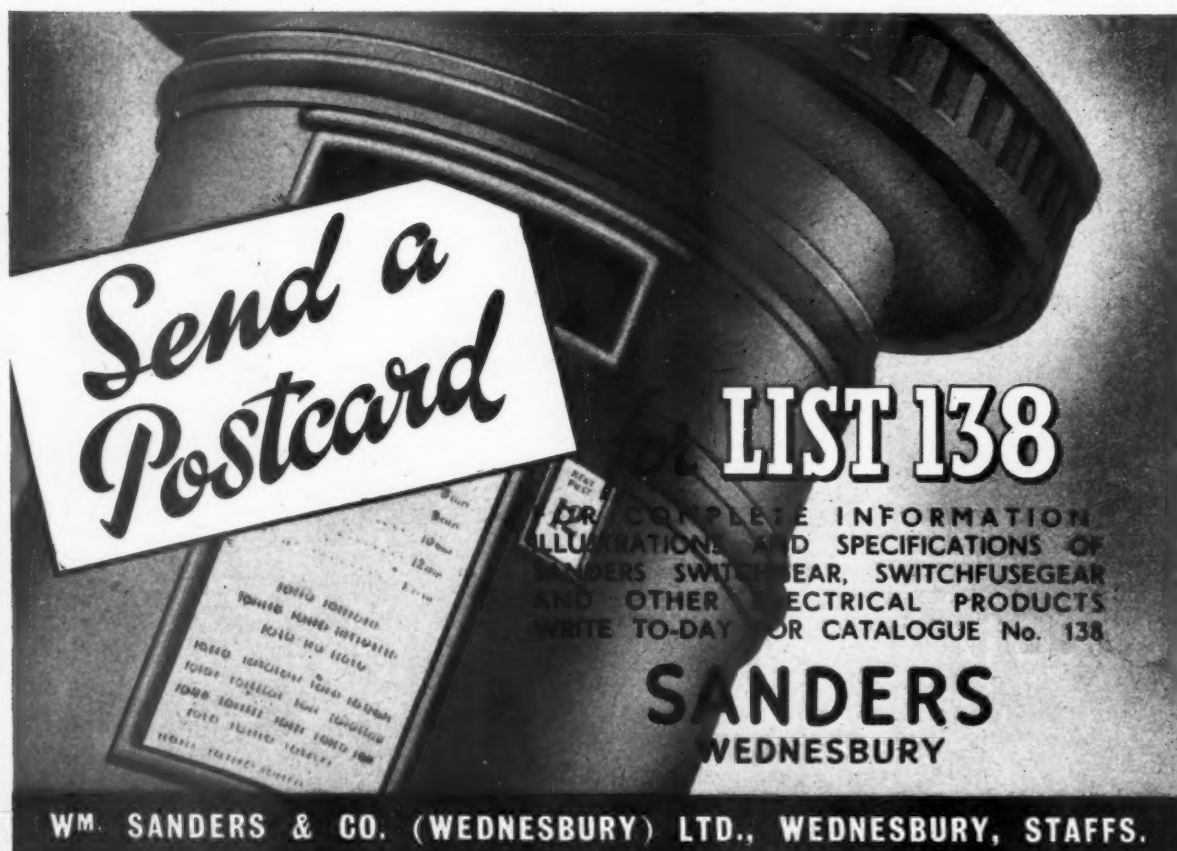
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EVERTAUT Clothes Lockers provide the perfect home-from-home for hats, coats, etc., and add to Office and Works orderliness and efficiency in a most effective yet unobtrusive manner.

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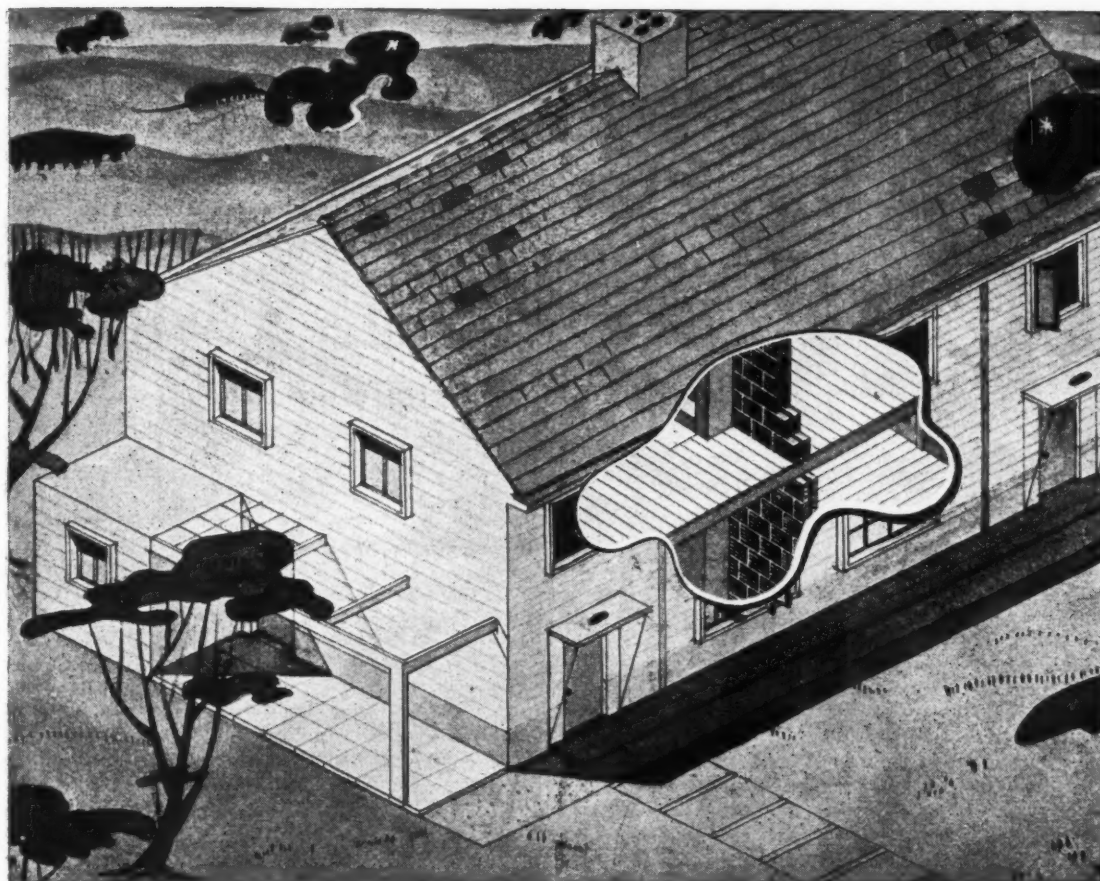
*Send a Postcard*

**LIST 138**

FOR COMPLETE INFORMATION, ILLUSTRATIONS AND SPECIFICATIONS OF SANDERS SWITCHGEAR, SWITCHFUSEGEAR AND OTHER ELECTRICAL PRODUCTS WRITE TO-DAY FOR CATALOGUE No. 138.

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are recommended for all types of partition work, internal linings to brickwork and party wall construction. Principal advantages include:

- Low cost.
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- High insulation value.
- Sound plastering results.
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PHORPRES SOUTH WESTERN DISTRICT OFFICE: 11, ORCHARD STREET, BRISTOL, 1. TEL.: BRISTOL 23004/5



# FROM EXPERIMENT TO ACHIEVEMENT



*The experimental house at Coventry*



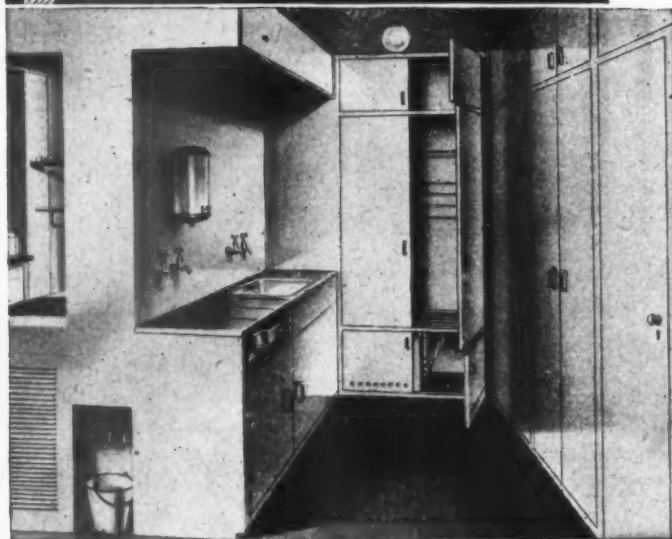
The design of this prefabricated house was originated over three years ago, as a result of collaboration between the Coventry Housing Committee and Radiation Ltd.

An experimental structure, erected at Radiation House, created great interest among Architects, Gas Officials, Housing Authorities and Government Departments. Recently the actual house was opened for inspection at Coventry.

The layout centres on the prefabricated plumbing duct, in which all the services, flues and waste pipes are located for easy access, protection from frost, and the conservation of heat; with consequent reduction in fuel costs, by shortened pipe runs.

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Information in connexion with cooking, space heating and water heating services for post-war houses will gladly be furnished on request.



*Above—The Radiation Kitchen: Cooking Section*

*Below—The Radiation Kitchen: Laundry Section*

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MAKERS OF NEW WORLD GAS APPLIANCES

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gency should normal mains lighting fail.

Plans for any building intended to accommodate a large number of people should include an emergency lighting system as standard equipment. Risk of pilfering, panic or even disaster consequent upon mains failure is thereby avoided. P & G and E.P.S. cells embody 60 years' manufacturing experience. The system can be made 100% automatic. We shall be glad to advise on any project.

**PRITCHETT & GOLD and E.P.S. CO. LTD.**

*Formerly The Electrical Power Storage Co Ltd—the first Battery makers*

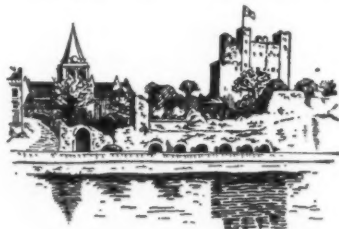
## PLANT & PERSONALITY

It may seem extravagant and even eccentric to attach the much-used term Personality to such a very mundane thing, for example, as CONTRACTORS PLANT. In this instance it is not quite so far-fetched as it looks.

Without those basic qualities and wide margins of strength which go to the making of every WINGET product, great and small, the difference between one machine and the next might be so small as to make the manufacture of our Plant quite superfluous. We might—all of us—get used to the idea of building and buying one single mass-

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WINGET will thus continue to occupy a very special place in the consideration of those who aim to do their utmost to assist in the reconstruction of Britain.



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*Gas automatically turned on!*

**T**HE ever growing use of gas appliances, in home and industry, makes it essential that it should be possible to change them from point to point, easily and safely.

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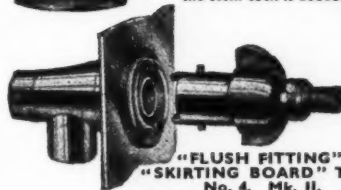
"ORDINARY" TYPE No. 1. Mk. II.  
Socket screwed  $\frac{1}{2}$  in. B.S.P.  
Nose piece of Plug screwed  $\frac{1}{2}$  in. B.S.P.



"PEDESTAL" TYPE No. 2. Mk. II.  
With Flange for floor fixing.  
Socket screwed  $\frac{1}{2}$  in. B.S.P.  
Nose piece of plug screwed  $\frac{1}{2}$  in. B.S.P.



"PEDESTAL" TYPE  
with stem cock. No. 3. Mk. II.  
This only differs from No. 2 in that  
the stem cock is added.



"FLUSH FITTING" or  
"SKIRTING BOARD" TYPE.  
No. 4. Mk. II.  
This type has heavy brass plate 4 ins.  
long and 3 ins. wide with holes in  
corners for fixing screws.  
Socket screwed  $\frac{1}{2}$  in. B.S.P.  
Nose piece of plug screwed  $\frac{1}{2}$  in. B.S.P.



"THROUGH" TYPE No. 5. Mk. II.  
Socket screwed in  $\frac{1}{2}$  in. B.S.P.  
M. & F. Threads.  
Nose piece of plug screwed  $\frac{1}{2}$  in. B.S.P.

ALL TYPES MANUFACTURED TO BE B.S.S. 570.

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## CONVERSATION PIECE

**P**AM, 1946, obviously finds a bedroom conversation with Miss Clara, 1892, no easy matter. The difference in their outlooks is reflected in their underclothes. Look at them. No longer ago than our mothers' day these were made from vegetable fibres (cotton and linen) or animal, that is, protein, fibres (wool and silk). About 1850 chemical research began to examine how it might improve on these natural fibres. Cotton was cheap but harsh. A British chemist, John Mercer, devised the process of mercerising which greatly improved its softness and appearance, though without approaching the softness and beauty of silk. Yet silk was far too costly for the average woman. Accordingly the chemist set out to build new silk-like fabrics. He began with vegetable fibres, treating

cellulose from wood pulp to give the "artificial silks" now generally known as rayon. But as Nature had made the cellulose, the chemist in building up these fabrics only entered at the half-way stage. During the last decade he has shown his ability to start at rock bottom. In the discovery of nylon, the chemical industry has proved its ability to create its own raw material and to produce a fibre that is an improvement on natural silk. Whereas Miss Clara's underclothes were grown on a cotton plantation or the back of a sheep, Pam's "scanties" are discovered in the laboratory and produced in the chemical factory. The modern girl has good reason to be grateful to the chemist who has brought soft and beautiful fabrics within the reach of all.



# TEA

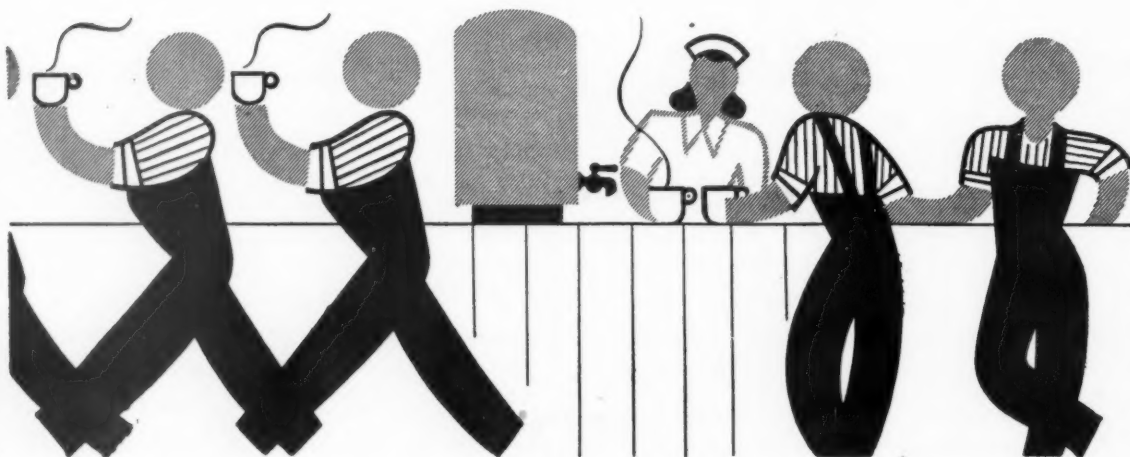
FOR THE  
WORKERS



*Choose the  
water-boiling  
equipment  
that will prevent  
time loss*

**A** well-run tea service is an asset to any industry. But remember that it is the water-boiling equipment which controls the speed of service. Carefully chosen equipment can save the workers' time and ensure that tea-breaks are kept strictly within the appointed period. Type of fuel, position of water supply, available space, number of personnel and frequency of breaks—all these determine the type of water-boiling equipment needed. There are times, however, when some of these points are neglected in

the original planning or when changed circumstances arise, with the result that, instead of the water-boiling equipment fitting satisfactorily into the tea-service, the latter stumbles along in an attempt to accommodate itself to the water-boiling equipment. The Empire Tea Bureau has given much help and advice to managements and welfare committees either planning new tea-services or adapting old ones to current needs, and will be happy to place the benefit of their experience freely at your service.



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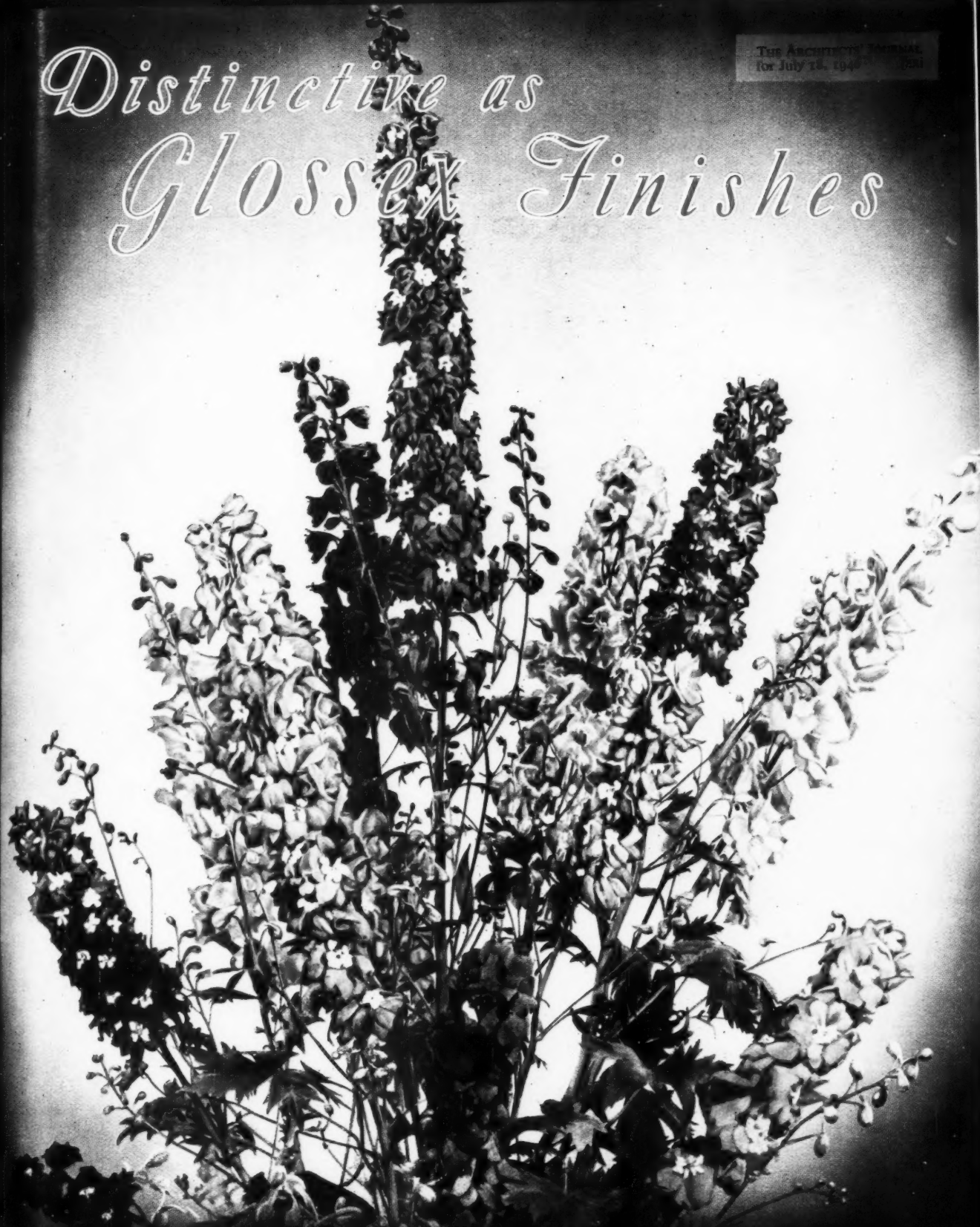






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THE ARCHITECTS' JOURNAL  
for July 18, 1948



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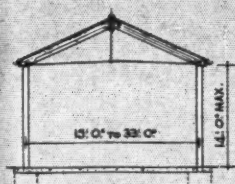
## precast concrete buildings

MARLEY buildings are playing their part in the drive to regain prosperity. Wherever small or medium-size factories or workshops are required, the necessary precast units can be delivered and the buildings quickly erected to provide the accommodation required.

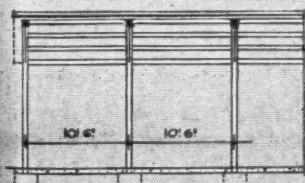
**DIMENSIONS.** The Marley Standard Building can be of any length (in multiples of 10 ft. 6 ins.) and any width from 15 ft. to 33 ft. The maximum height to eaves is normally 14 ft., but special units giving greater heights, and suitable for two-storey buildings, can be supplied.

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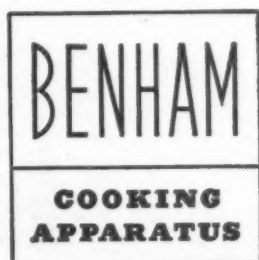
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1946

## COOKING APPARATUS

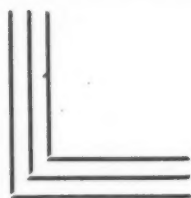


**I**LLUSTRATED is an example of Benham post-war design of Cooking Appliance.

The trend in design to-day is for apparatus to be "streamlined" in appearance, have surfaces which are hygienic and easily cleaned, and which avoid sharp corners; appliances in addition have to be robust to stand up to heavy duty and all working components must be readily replaceable: finally, they must be efficient pieces of kitchen equipment.

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## POTTERY THROUGH THE AGES : NO. 1



## THE BEGINNINGS OF POTTERY

The story of pottery is older than the recorded history of mankind. Fragments of ancient ware, unearthed after thousands of years, are often the only evidence left of bygone civilisations. From their texture and shape, style of decoration and mode of firing, it is possible to assess the stage of culture of those who made them.

It is unlikely that the craft of the potter began in any one centre and spread thence over the world. Every child delights in forming shapes from clay and mud and, in the childhood of the human race, pottery-making probably developed spontaneously in many widely-separated regions. Some

specimens of earthenware found in the Near East are believed by experts to be at least 8,000 years old.

In the Neolithic period of human culture—or late Stone Age—primitive pottery drinking vessels and containers for food were roughly shaped by hand with little attempt at decoration other than simple patterns of lines, dots and circles, scratched with a stick or finger nail. In some districts, a twisted cord was also used to produce a pattern in the soft clay. Markings on certain Neolithic wares suggest that plaited osiers or reeds were used to give the outline of the object being moulded. Many of the shapes were suggested by natural objects—gourds and other

fruits, horns and skulls. Hand-formed vessels, cinerary urns and drinking cups, crudely fired, have been found in considerable numbers in the ancient barrows and tombs of pre-Roman Britain.

The earliest wares were probably hardened by exposure in the sun, just as bricks are still "sun-baked" in certain parts of the East to this day. The use of wood fires for baking was a far-reaching advance in making pottery, greatly increasing its durability and usefulness.

From such simple beginnings has developed modern pottery-making—a unique union of craftsmanship, art and science.



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They answer to all the modern standards laid down by Governmental Committees as desirable in post-war houses: Stability and durability with low maintenance requirement; Anti-vermin throughout with low fire risk; Walls and floors provide high resistance to sound transmission and, of extreme importance, achieve high values in thermal efficiency.

The External walls afford strong protection against moisture penetration with positive anti-condensation internal surface: their composition provides excellent insulation against outside changes of temperature.

The simplicity of the special steel shuttering used for forming the concrete walls and floors of Bryant Houses permits their production under the most adverse conditions of labour and constructional difficulty with speed and efficiency.

The Bryant System is, of course, applicable to all forms of building construction including Factories, Schools etc.

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Block beam filling  
Fascia board  
Wall plate  
Asbestos soffit  
Reinforcement  
Ceiling joist  
Ceiling board

Subframe of rust proofed steel

Rust proofed steel window

Weathered steel sill inserted  
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4-in. Monolithic concrete  
Twin-slab clinker concrete cavity blocks bedded and jointed  
Plaster finish

Applied spatter-dashor similar finish to external face  
Floor finishes as required

Suspended concrete floor 2-in. thick with 4½-in. solid beams  
Ceiling battens secured to wood block inserts  
D.P.C. over doorhead  
Angle iron lintel

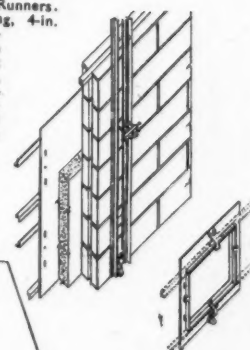
Plaster board and skim ceiling

External door

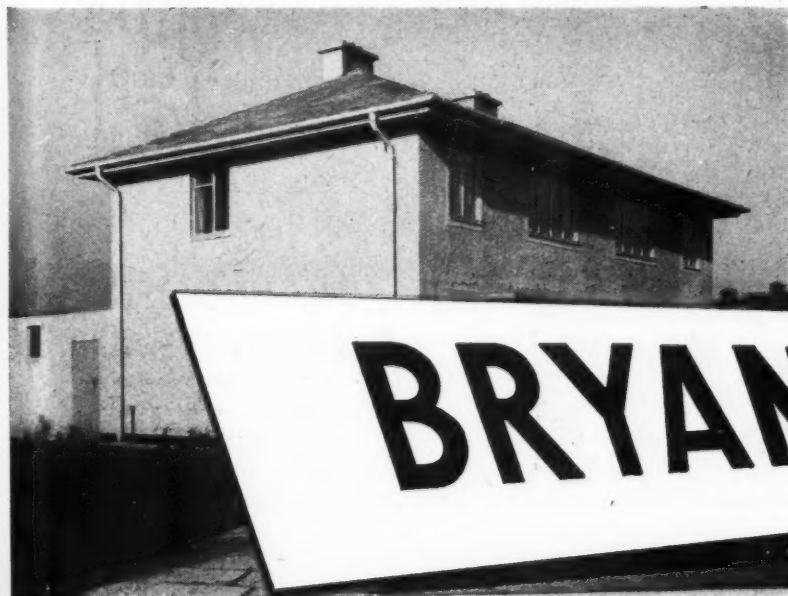
Floor finish

Light concrete screed  
Damp proof membrane  
Concrete sub-layer  
D.P.C.  
Concrete beam foundation  
Hardcore  
Weep holes  
D.P.C.

Composite illustration of WALL FORMATION shows, from left to right Angle Iron Runners, Steel Shuttering, 4-in. Concrete, Cavity blocks with wood alignment rod in position, Skeleton Standard with adjustable foot and wire tie-rod clamp.



Above is shown Standard WALLFORM secured to Angle Iron Runners by Captive Wedge Clamps.



# "English Electric"

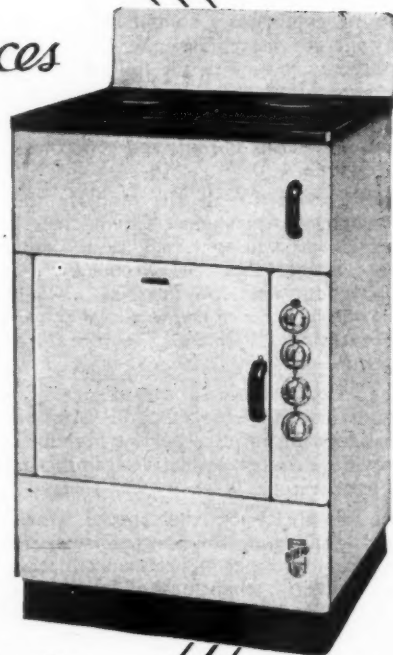
## Electrical Appliances

UPON the architect and builder there frequently devolves the responsibility of specifying electrical cooking and heating equipment . . . indeed, in many instances it is essential that the correct choice be made before planning can start.

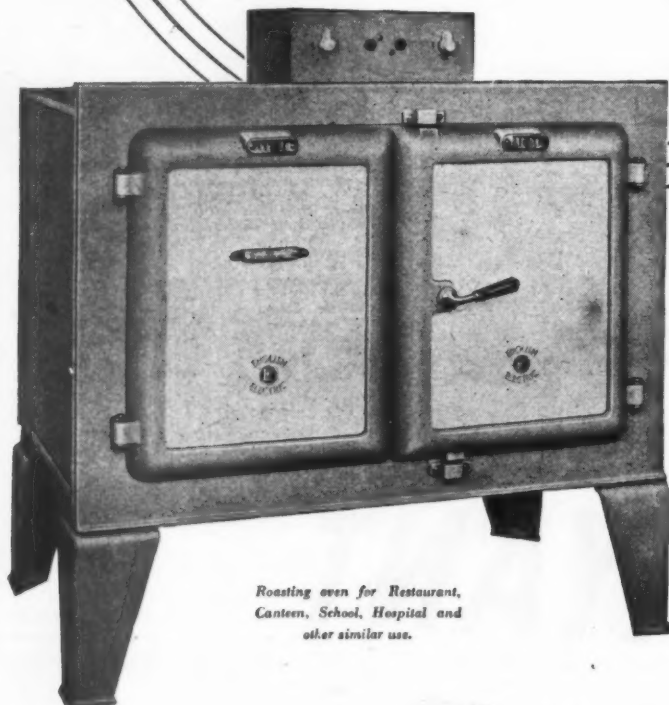
Three things are vital . . . the equipment must be of a design able to "fit in" with other apparatus — that it has a pleasing appearance and lasting finish — and that it is completely reliable.

The range of "English Electric" cooking and heating appliances embodies all these features in design and operation.

It is in your interest to discuss your problems with an "English Electric" Development Engineer.



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Cooker for domestic use.



Roasting oven for Restaurant,  
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Domestic Appliance Dept.  
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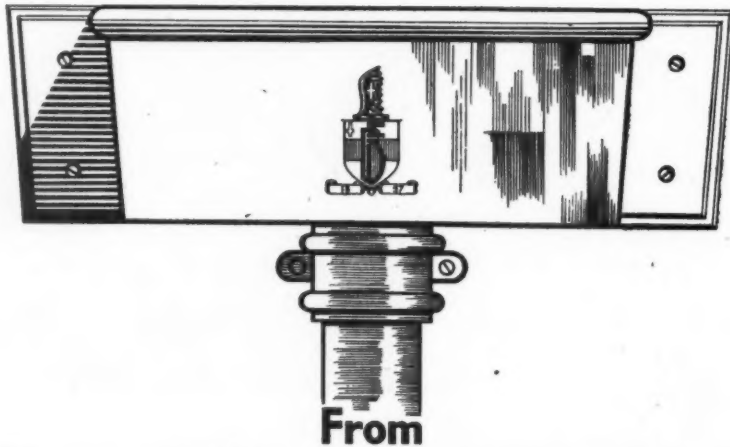
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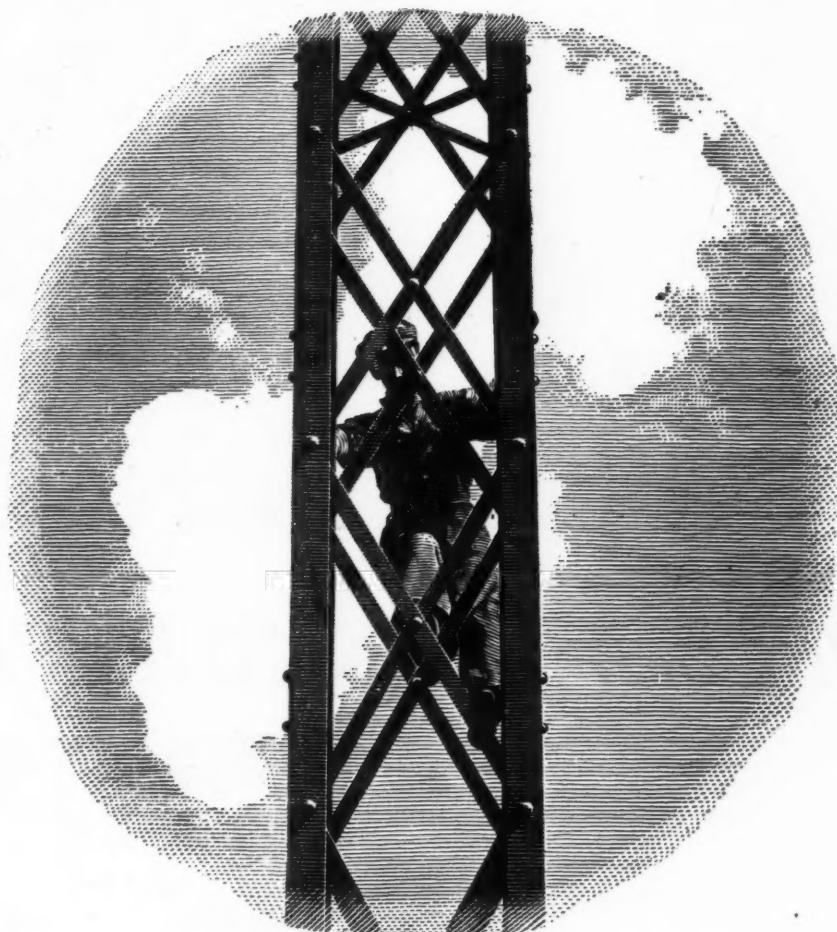


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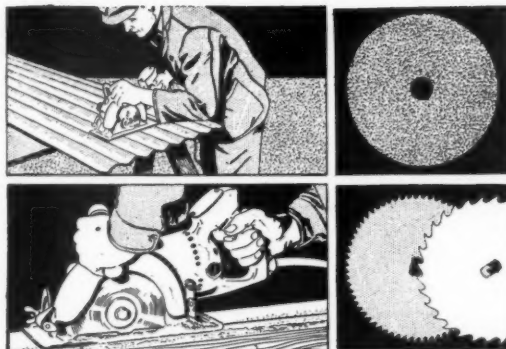
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## THE B&D **RIPSNORTER** SAW

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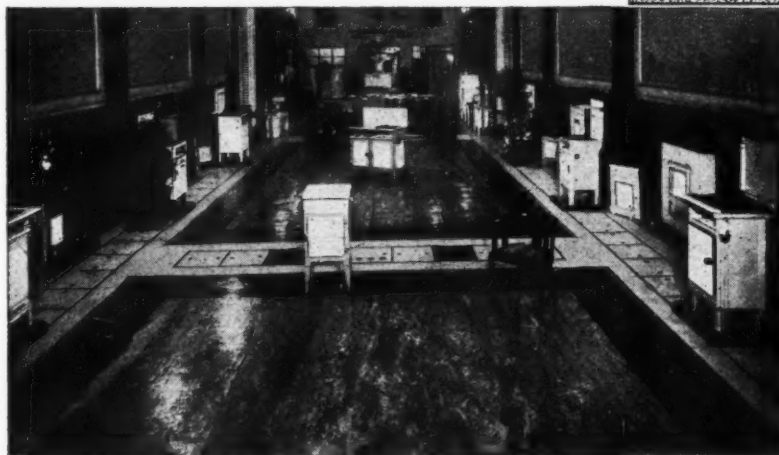
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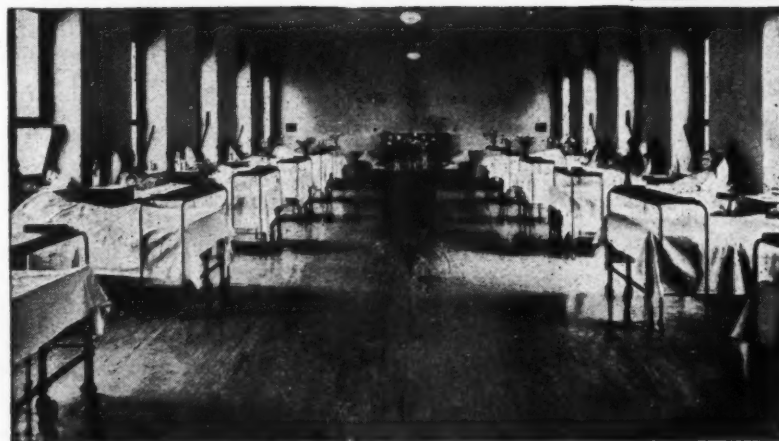
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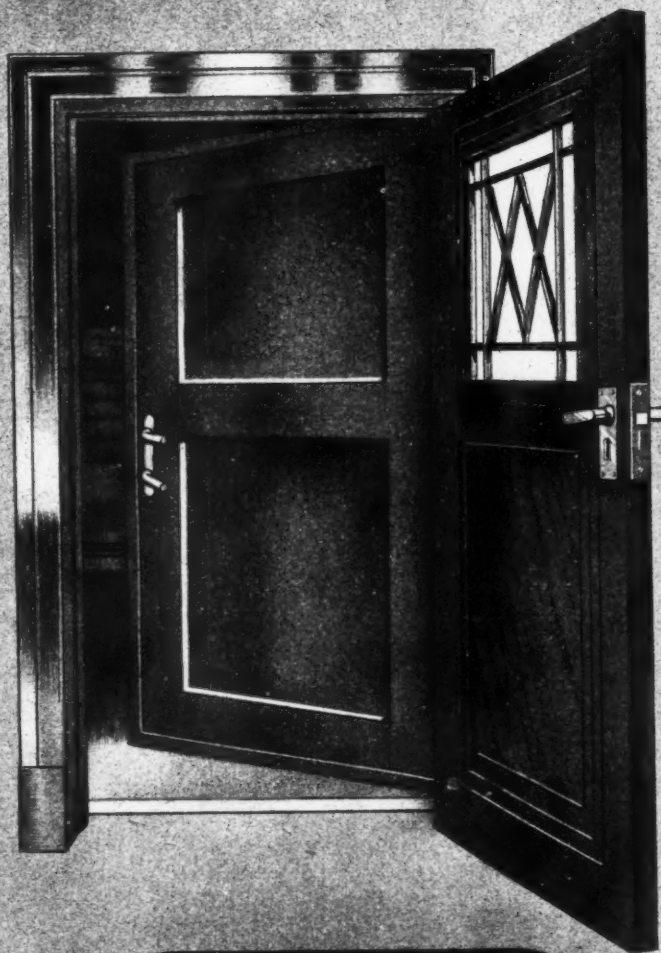


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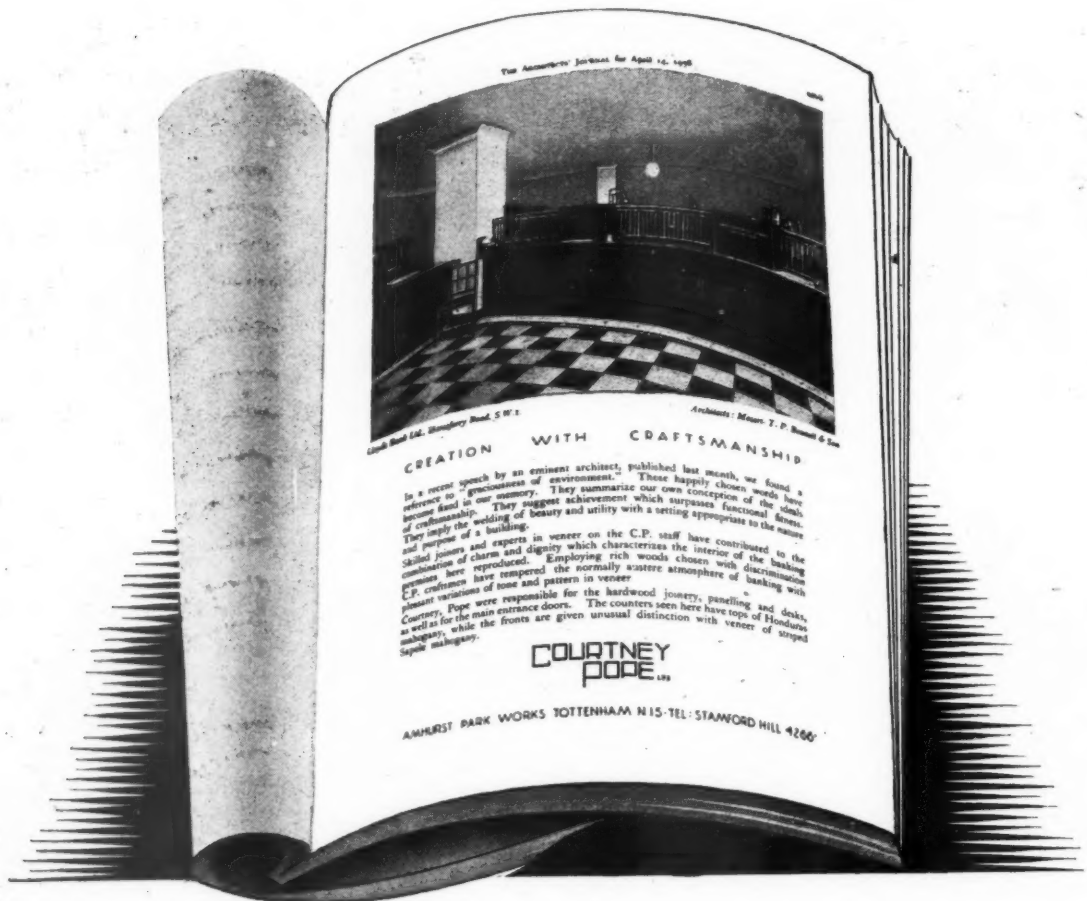


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In common with every other periodical this JOURNAL is rationed to a small part of its pre-war needs of paper. Thus a balance has to be struck between circulation and number of pages. We regret that unless a reader is a subscriber we cannot guarantee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



## DIARY FOR JULY AUGUST AND SEPTEMBER

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

**DONCASTER.** *Colour and Pattern in India.* Exhibition at the Art Gallery and Museum. (Sponsor, the Arts Council.)

JULY 18-21

**EXETER.** *Summer Course on USSR.* At Hope Hall, Exeter University. To be opened by Mme. Gousev. Mme. Gama-zina, Principal of the Soviet School in London, and other Soviet visitors will attend. Cost £5-10-0 for week. (Sponsor, SCR.)

AUG. 17-24.

**FORFAR.** *Plans for an Art Centre.* Exhibition. At Meffan Institute. (Sponsor, the Arts Council.)

JULY 18-AUG. 23

**HALIFAX.** *The Engineer in British Life.* Exhibition at Bankfield Museum. (Sponsor, the Arts Council.)

JULY 18-20

**LIVERPOOL.** *Exhibition Illustrating the Work of the Arts Council of Great Britain.* At Rushworth and Dreapers, Islington. (Sponsor, the Arts Council.)

JULY 18-23

**LONDON.** *Summer Show of Sacred Art Subjects.* At the Church Artists' Agency, 25, Ebury Street, S.W.1. (Sponsor, CAA.) 9.30 a.m. to 5.30 p.m. Saturdays, 9.30 a.m. to 12.30 p.m.

JULY-AUG.

*Building Industry Distributors.* Annual general meeting at the Crown Room, Connaught Rooms, Great Queen Street, W.C.2. Chief guest, Rt. Hon. John Willmot, M.P., Minister of Supply. (Sponsor, BID.) 10 a.m.

JULY 18

*Pottery.* By Phyllis Keyes, decorated by the following artists: Edward le Bas, A.R.A., Jane Simone Bussy, Duncan Grant, Vanessa Bell, Pamela Diamond and Angélica Garnet. At Heal's, 196, Tottenham Court Road, W.1.

JULY 18-20

*Summer Exhibition of French and English Paintings, Drawings, Prints.* At Redfern Gallery, 20, Cork Street, Burlington Gardens, W.1.

JULY 18-SEPT. 28

*AA School Annual Prize Giving and Exhibition of work.* At 36, Bedford Square, W.C.1. Opening address by the Rt. Hon. Max Aitken, D.S.O., D.F.C., M.P. (Sponsor, AA.) 3.30 p.m.

JULY 19

*Annual Exhibition of Work of the AA School of Architecture.* At 36, Bedford Square, W.C.1. (Sponsor, AA.) 10 a.m. to 6 p.m.

JULY 20-AUG. 1 and AUG. 7-10

*Building Materials and Components.* Exhibition at the Princes Gallery, Piccadilly, W.1. (Sponsors, Ministry of Works and the Ministry of Health in consultation with the other Government Departments con-

cerned.) Monday to Friday, 10 a.m. to 6 p.m. Saturdays, 10 a.m. to 1 p.m.

JULY 18-25

Charles Abrams, authority on American housing administration, Lecturer at the New School of Social Research, New York. *Housing Progress in the USA.* At the Association for Planning and Regional Reconstruction, 34, Gordon Square, W.C.1. (Sponsor, APRR.) 5.30 p.m.

JULY 18

*Royal College of Art Exhibition of Students Work and Distribution of Diplomas and Prizes.* In the Lecture Theatre, Victoria and Albert Museum, South Kensington. (Sponsor, Royal College of Art.) 3 p.m.

JULY 25

*Social Services in USSR.* Lecture at the Masaryk Hall, University of London, Malet Street, W.C.1. (Sponsor, SCR.) 8 p.m.

JULY 30.

*Public Drinking Fountain Competition.* Assessors, Oswald P. Milne, Keith Murray and Surgeon Vice-Admiral Sir Reginald Bond. Premiums, £50 and £25 respectively. In addition to the premium a fee of £3 3s. will be paid for each fountain completed from the author's design. Particulars from Royal Society of Arts, 6-8, John Adam Street, Adelphi, W.C.2. Closing date

JULY 31

**MORLEY.** *Furnished Exhibition House.* At Winterbourne Estate, Victoria Road. (Sponsor, the Arts Council.)

JULY 18-AUG. 21

**PARIS.** *International Technical Congress.* Among the delegates from Great Britain will be Sir Patrick Abercrombie, President, International Reunion of Architects, and Sir Percy Thomas.

SEPT. 16-21

**SOUTHAMPTON.** *Design at Home.* Exhibition. At the Art Gallery, Civic Centre. (Sponsor, the Arts Council.)

JULY 18-AUG. 3

**SWINDON.** *Recording Britain.* South and West. Exhibition. At the Public Library. (Sponsor, the Arts Council.)

JULY 18-25

**WAKEFIELD.** *Furnished Exhibition House.* At Cyprus Mount, Newton Bar. (Sponsor, the Arts Council.)

JULY 18-AUG. 26

**WORCESTER.** *History of the British Playhouse.* Exhibition. At the Public Library. Museum and Art Gallery. (Sponsor, the Arts Council.)

JULY 18-27

**WORTHING.** *Ideas on Design in the Home Exhibition.* (Sponsor, the Arts Council.)

JULY 18-20

## NEWS

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No. 2686

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VOL. 104

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

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

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

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

*At the first meeting of the Council of the RIBA, for the Session 1946-1947, on July 9, the following Honorary Officers were appointed:*

*Vice-Presidents, J. Murray Easton, Cyril F. Martin, M.C. (Birmingham) (Chairman of the RIBA Allied Societies' Conference), C. G. Stillman, Michael Waterhouse, M.C., B.A., OXON. Honorary Secretary, A. Leonard Roberts (Winchester). Honorary Treasurer, John L. Denman, J.P. (Brighton). Following is a complete list of the new Council. President, L. H. Keay, O.B.E., M.A.R.C.H., LVPL. (Liverpool). Past Presidents, W. H. Ansell, M.C., Sir Percy Thomas, O.B.E., HON.L.L.D., J.P. (Cardiff). Vice-Presidents, J. Murray Easton, Cyril F. Martin, M.C. (Birmingham) (Chairman of the RIBA Allied Societies' Conference), C. G. Stillman, Michael Waterhouse, M.C., B.A., OXON. Hon. Secretary, A. Leonard Roberts (Winchester). Hon. Treasurer, John L. Denman, J.P. (Brighton). Members of Council, Victor Bain (Leeds), P. J. Bartlett (Nottingham), A. C. Bunch (Leamington Spa), J. Murray Easton (Vice-President), J. H. Forshaw, M.C., M.A., B.A.R.C.H., LVPL., Frederick Gibberd, T. Cecil Howitt, D.S.O. (Nottingham), Arthur W. Kenyon, C.B.E., J. Nelson Meredith (Bristol), S. W. Milburn, M.B.E., M.C. (Sunderland), President, John Swarbrick, J. Hubert HON.L.L.D. (LVPL.), M.A., CANTAB., Howard M. Robertson, M.C., S.A.D.G., Herbert J. Rowse (Liverpool), C. G. Stillman (Vice-President), John Swarbrick J. Hubert Worthington, O.B.E., M.A.(ARCH.) (Manchester), F. R. S. Yorke. Associate Members of Council, Professor Joseph S. Allen, B.A.R.C.H. (Newcastle-upon-Tyne), Henry Braddock, D. E. E. Gibson, M.A., B.A.HONS. ARCH. (Coventry), J. L. Gleave, M.A. (Edinburgh), Professor W. G. Holford, B.A.R.C.H., LVPL., Colin Penn, Andrew Rankine, O.B.E. (Hull), Ralph S. Tubbs, R. H. Uren. Licentiate Members of Council, W. Dobson Chapman (Macclesfield), Bernard H. Cox, Charles Oliver (Hull).*



# Bath

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## From AN ARCHITECT'S Commonplace Book

### AN AMERICAN ON THE AMERICAN CITY: THE HIGHLIGHTS OF THE PICTURE.

[From *City Development*, by Lewis Mumford (Secker and Warburg).] One must not flinch, then, from recognizing the dark elements of the picture. But one would have no true image, in fact, no image at all, if one forgot to add the light and colours that define the blackest shape; and even at its worst, these elements were always present. There is, to begin with, the physical magnificence of the scene: the sweep and curve of the bay, the grand spaciousness of the river, the rhythm of the tides that encircle it, the strike of its mica-gleaming schists as they crop out in the park or the temporary excavation, and finally, the proud upthrust of the Palisades themselves. In the very shape of the island is something tight, lean, athletic: a contrast to the glacial till of Long Island, with its flat Dutch landscape, its duck-ponds, its feathery asparagus beds. The skyscrapers, despite their disorder, have not diminished those positive lines in their stalagmitic upthrust. . . . Above all, there is the sky; pervading all these activities is the weather. The sharp crystalline days of early autumn, with intense blue sky and a few curls of cloud, drifting through space like the little jets of steam that were once such characteristic outlets of the older skyscrapers: the splendours of sunset on the waters. . . . the swift, whiplike changes from heat to cold, from fog to clarity, from the sharp jewelled contours of John Bellini to the soft tones of Whistler and Fuller. Occasionally, too, the sulphurous hell of the dog days, to whip up appetite for the dank clouds in the west and the brave crackle of lightning and the drenching showers. At the other extreme the benignity and quiet of a city quenched by snow. . . . So the ocean and the sky and the rivers hold the city in their grip, even while the people, like busy ants in the cracks and crevices, are unconscious of these more primal presences, save when they read a report in the morning paper, and reach for an umbrella, an overcoat, a fan.

★★

*From July 22 to August 31 the RIBA LIBRARY WILL BE CLOSED to permit the move back to normal premises, where it is hoped to reopen the Library on September 2. During this period it cannot be undertaken that enquiries in person, by telephone or by post will be answered. All books already issued should be returned to the Library by July 20. Arrangements are being made to keep current periodicals available.*

*Mr. H. W. J. Hook of Bristol has been ELECTED PRESIDENT OF THE TOWN PLANNING INSTITUTE for the year 1946-47.*

★

*The Electricity Commissioners and the Minister of Town and Country Planning (Mr. Lewis Silkin) have given their consent to an application of the North Metropolitan Power Station Company Ltd. for the ESTABLISHMENT OF A GENERATING STATION AT HODDESDON, HERTFORDSHIRE.*

The Company made an application to the Electricity Commissioners under Section 11 of the Electricity (Supply) Act, 1919, and also appealed to the Minister of Town and Country Planning against the refusal of the Hoddesdon Urban District Council to give consent under Section 16 of the Town and

Country Planning Act, 1932. A local inquiry was held jointly by the Electricity Commissioners and the Ministry. The consent of the Commissioners is given subject to the following conditions:—(i) The Company shall submit for the approval of the Commissioners plans and drawings of the said generating station and shall construct the generating station in accordance with such plans or drawings as are approved by the Electricity Commissioners. (ii) No material departure shall be made from the engineering particulars submitted to the Commissioners in connection with the establishment of the station without obtaining the Commissioners' prior approval. (iii) The Company shall provide, and secure that the same are kept in continuous operation during the use of the station, efficient methods for ensuring the elimination as far as reasonably practicable of the emission of smoke and grit and the avoidance of noise or vibration arising from the working of the generating station. (iv) The Company shall take such precautions as are reasonably practicable to prevent the release of dust or grit into the atmosphere in connection with the handling of coal and shall dispose of flue ash or slurry in such manner and in such localities as may be approved by the Electricity Commissioners. (v) The layout of the station shall be designed so as to permit of the installation of plant for the prevention of the discharge of sulphur and its compounds into the atmosphere; and, if so required by the Electricity Commissioners at any time, plant shall be installed for this purpose subject to such conditions as the Commissioners may prescribe. (vi) Obstruction lights as laid down in *Royal Air Force Obstruction Lighting Requirements War (Revised)* shall be provided at the top of the cooling tower and of the chimney and also at the 200 foot level of the chimney. The Minister of Town and Country Planning has, therefore, decided to allow the appeal subject to the condition that trees and shrubs are planted along the river bank and maintained to the satisfaction of the Council, or on appeal, of the Minister, and on the understanding that the conditions laid down in the formal consent accompanying the Commissioners' letter to the appellants are duly observed. The Company, in accordance with the assurance given by them at the Inquiry, have submitted

drawings of the proposed buildings to the Royal Fine Art Commission for consideration.

### *Mr. Herbert Morrison: The Government is striving to organize its affairs so that never again need we see in Britain the disgrace and* **CANCER OF MASS UNEMPLOYMENT.**

Speaking at the annual dinner of the Institution of Civil Engineers in London, Mr. Herbert Morrison, Lord President of the Council, said Britain has before it a great programme of public works. Plymouth, Bristol, Coventry, London, all our bombed cities and towns, are waiting for replanning and redevelopment; new towns will be needed, and we need a vast planned modern road system. As a start towards this, schemes are going forward to provide new crossings over and under some of our great rivers, such as the Dartford-Purfleet tunnel under the Thames, the Severn bridge, and the Jarrow tunnel under the Tyne. A large programme of civil engineering works and hydro-electric generating station construction is being carried out by the North of Scotland Hydro Electric Board at Loch Sloy, Tummel-Garry, and Loch Fannich. New generating stations are going up at Ipswich, Kingston-on-Thames, and Meaford, and others soon will be at Newark, Hoddesdon, Poole, Glasgow, Bromborough, and Croydon. Altogether well over £50,000,000 capital expenditure on work for electricity undertakings is forecast between April this year and next March. The Government is striving to organize our affairs so that never again need we see in Britain the disgrace and cancer of mass unemployment. At times when private investment is falling away, we will regard it as good common sense to encourage sound capital expenditure by public authorities. On the other hand, at times like the present, when inflationary pressure is severe, common sense calls for the holding back of expenditure on a number of public works which are desirable in themselves but will aggravate man-power and other difficulties if they are put in hand too soon.





### *Golden Opportunity*

This issue is almost exclusively devoted to outlining the extremely important document presented yesterday to the Court of Common Council of the City of London—the Interim Report on the basic proposals for the reconstruction and replanning of the City prepared by the Planning Consultants, Dr. C. H. Holden and Professor W. G. Holford. Above is a view taken from the golden gallery of St.

Paul's Cathedral showing the book publishers' district after the great fire raid of 1940. It gives some indication of how the chaos of the Square Mile has been cleared by the unsolicited demolition of aerial attack and provided the planners with a great opportunity. How that opportunity has been siezed the public can now judge in studying the broad and still flexible pattern of this Interim Report.



★ *The Ministry of Town and Country Planning has held a public inquiry on the first section of the Corporation's scheme for the RE-BUILDING OF COVENTRY.*

An application by Coventry Corporation under Section 1 of the Town and Country Planning Act, 1944, declaring that 452 acres of land scheduled as the first section of the city's redevelopment scheme should be subjected to compulsory purchase for the purpose of laying out afresh and developing as a whole, was the subject of a public inquiry at Coventry by Mr. Arnold Morris on behalf of the Ministry of Town and Country Planning. According to *The Times*, the town clerk, Mr. F. Smith, opened the case for the applicants and mentioned that 259 objections had been lodged. In referring to the 50 air raids on Coventry, he said that in November, 1940, and in April, 1941, 1,252 civilians lost their lives and some 4,000 were injured during three concentrated attacks. Three thousand eight hundred and fifty-three houses were destroyed and 51,000 houses damaged but capable of repair. Other buildings damaged beyond repair included 826 shops, 108 factories and workshops, 149 commercial buildings, with 22 churches, cinemas, and public buildings. Before the raids the rateable value of the city as a whole was £1,687,000, which was reduced by £198,000 after the raids in 1941. In the present redevelopment area the rateable value for the same period had diminished by £112,000, representing a loss of 38.5 per cent. The nature of the damage made it desirable that the area should be entirely replanned and dealt with as a whole. After the heavy attack in November the population of Coventry dropped from 252,000 to 150,000. It had now risen again to 230,774. Mr. Smith gave an assurance that in allocating new sites priority would be given to firms which were carrying on business in Coventry before the raids. Recent large purchases of land by the corporation would provide ample sites for development on the outskirts of the city. The district valuer had estimated the cost of property requisitions in this area at £11,150,000, which included about £1,250,000 for compensation and disturbance. In the event of a new proposal being adopted, the maximum compensation to be paid to owner-occupiers who were dispossessed would be increased from 30 per cent. to 60 per cent.

*The Freehold Site formerly known as Nos. 68 to 108 (even), Knightsbridge, Nos. 7 to 12, Miels Buildings and Nos. 1, 2 and 3, Park Row, London, S.W.1 covering an unrestricted area of over 1½ acres is TO BE SOLD BY AUCTION in September.*

The site has frontages of about 390 feet and 370 feet to Knightsbridge and Hyde Park respectively. Particulars and conditions of sale may be obtained in due course from the solicitors, Messrs. Duggan, Elton & James, 43, Cannon Street, Birmingham, from Messrs. Henry Butcher & Co., surveyors, 73, Chancery Lane, London, W.C.2, or from the auctioneers, Messrs. H. E. Foster & Cranfield, 6, Poultry, London, E.C.2. The sale by auction will take place at the London Auction Mart, 155, Queen Victoria Street, E.C.4, at an early date in September next.

## THE CITY

WE have become used to White Papers and weighty Government reports appearing in two instalments.

The Uthwatt Committee, indeed, produced an Interim Report a considerable time in advance of their final one. But an Interim Report on a single creative scheme of town planning must be a rarity; and the procedure of the Corporation of the City of London in pulling out the growing plant to see how its roots are spreading must either be put down to overwhelming curiosity or to ignorance of what had, in fact, been planted. Possibly it is a mixture of both; and the action is partly understandable. For to take a seed out of a packet marked Holden and another out of a packet marked Holford, and plant them in the expensive and historic soil of the City of London, in very close proximity to one another, must be a tantalising experience to Aldermen and Councillors who have had little occasion in the past two hundred and fifty years to cultivate their garden.

So it is as something growing, and not yet brought to flower, that the Interim Report reviewed in this issue must be regarded. The day before these words are published, the Court of Common Council will have held a special meeting under the chairmanship of the Lord Mayor to consider the proposals. And it is to be hoped that the members of the Council will not have regarded them as attempted commitments—to be voted for or against. It is difficult in matters such as this to disentangle proposals from principles. Unless interminable further delays are to be faced—and promoters are getting tired of sitting in unlicensed inactivity—the principles should be confirmed and the more detailed plans proceeded with. But the proposals are hedged about by so many conditions and are so subject to the wearing down of opposition, that very few should be considered at this stage as crystallized and unalterable.

For example, the authors of the Report have already had second thoughts—and most will say better thoughts—about the new road flying north-east from Holborn Circus. It is hinted now that a better junction has been found with Holborn and Gray's Inn Road at a point further west, thus avoiding the Circus altogether. This would provide a fourth entrance from the west into the City, and should prove almost as great a relief to congested Fleet Street and Holborn, as the Victoria Embankment was in the last century. But the line of the proposed road is almost entirely in Holborn. Similarly, the improvements at Liverpool Street Station depend partly on the action of the railway company, who, under the threat of nationalization, are probably as friendly to costly long-term planning as Goering was to culture. It is the same with the alterations of bus routes, the submersion of the railways, the replanning of Billingsgate and the demolition of standing buildings on the south side of St. Paul's Churchyard. All these projects will need patience and courage to carry through,

and first they must be demonstrated by argument, and drawings, and, if necessary, by models, to be not only practicable, but pleasing. For this pictorial presentation of the scheme we can only await the final Report, which is due in nine months' time.

The future of the City, so far as visual expression is concerned, lies in the fertility of design displayed by its individual architects. But the planners must provide the general setting, the happy hunting ground in which past and present can set each other off to advantage to gladden the heart of the Sharawagg. It is not so much a question of preservation as of retaining a significant detail that will give the cue to what is designed in future. We hope the Corporation realise that it is not only St. Paul's and the Guildhall, but the whole Square Mile which has become a place of pilgrimage to a constantly increasing band of devotees.



*The Architects' Journal*

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# N O T E S &

## T O P I C S

### PROFESSOR RICHARDSON AND AFTER

The term just ended at London University was Professor Richardson's last. He has retired, and the Bartlett School must find a new head. Other people, better qualified than I, will no doubt be looking back over the years he has been in charge of the Bartlett School and paying tribute to Professor Richardson's achievements—the great influence he has wielded is well known. But it is very important at this moment to look ahead too, and decide what sort of man his successor ought to be and

what sort of influence we must hope he will wield in his turn.

This becomes a very apposite question, since Professor Richardson's retirement coincides with the publication of the long-awaited report of the RIBA Special Committee on Architectural Education, set up in 1939. The Architectural School of the University of London is one that, because of the prestige its status gives it, ought to set the lead to all the schools in the Empire. Yet somehow the Bartlett School has never shown much sign of doing so. Now is the moment for it to try again. Those who choose its new head must not be allowed to play for safety. They must choose a man of real drive and initiative, capable of bringing to architectural education the vigorous leadership it so badly needs.

The RIBA's report is too elaborate a document for me to deal with here as it deserves. I can only say that it is obviously the result of a painstaking investigation of the subject from many aspects, but turning over its pages I get a disappointing impression of cautious orthodoxy, of willingness to improve an established system rather than to analyse and criticize the whole system afresh in the light of changes—amounting to a revolution—that have taken place in recent years. Nearly every word of it could equally well have been written twenty years ago.

The healthiest and most powerful movements in architectural education

in the between-war years arose from within the schools, not from the authorities that govern them. It looks as though the same thing will have to happen again.

### WRITTEN . . . BUT IS IT WRIGHT?

John Lloyd Wright, inventor of America's National Toy, "the Lincoln Logs," has written a biography of his father Frank. Like most books about [or by] the eagle of Taliesin, it is written in pidgin-English—that argot which combines archness, pomposity and treacle in about equal doses—and, like the others, it has a horrible fascination for the reader. On the whole I found it an embarrassing book, from its tasteless title—*My Father Who is on Earth*\*—to its even more tasteless epilogue in which it is suggested that F.L.W. is a reincarnation of Voltaire and Isaiah—a chapter which will make every reader a Squirmer whether he wears the right sort of pants or not.

The author has tried to get it Wright as well as written, but we learn little new about the man as an architect, except that he is the inventor of the cantilevered W.C., is fond of his lady clients, is a bad teacher but a great artist. As for the man as a father—well, as you might expect he is tempestuous, exhilarating, arrogant, generous, brave, uncompromising, and maddening, the sort of character, careless with money, eccentric in dress, large-scale in habits and speech, who is labelled in the film world Charm—sub-section, lovable old curmudgeon.

It is an affectionate if conventional portrait, shining in the glycerine and glitter of Hollywood. One can almost hear the Mildred Pierce ad-man sharpening his pencil . . . "F.L.W. is the sort of father all children want but shouldn't have. . . . F.L.W. gives more with a stroke of his pencil than others give in a lifetime. . . . When you talk of F.L.W. don't tell what he did. . . ." Perhaps that's the best advice of all. Let his buildings speak for themselves in future.

### KEEP YOUR HAND ON THAT PLOUGH

It seems that architects do not realize the full implications of the

\* *My Father Who is on Earth*, by John Lloyd Wright, (G. P. Putnam, \$3-50).

present housing policy. The reflection is based on a pamphlet entitled *Housing Today and Tomorrow* recently issued by the Institute of Registered Architects. The IRA is doubtful whether Local Authorities have the requisite capacity and organization to attend to the enormous housing programme for which they have been given monopolistic powers. It is a doubt in which many architects will concur. One need only turn to the small ads. pages of the technical papers to appreciate what a jam the LAs are getting into. Housing is literally being sold to the lowest bidders. What qualifications do they expect to get for salaries ranging from £200—£600 a year? The housing that results from such a poverty-stricken sense of values will, indeed, be shoddy stuff.

Far be it from Astragal to imply that officialdom is an unmitigated evil, but too much of it is, and that is what we are going to have to fight in the impending future. Quietly and unobtrusively we are being nationalised without all the fuss that is attending the absorption of the medical profession. Architecture is an art that does not

flourish in official or semi-official surroundings. Indeed, what art does?

Those of you who have set, or are setting, up in practice, should hang on. You should not be drawn in by the tempting salaries offered, whether they be £210 a year or £450. Ultimately the authorities will have to come to you to help them out and you will have retained your freedom.

#### GEORGIAN GROUP

The 1945 Report of the Georgian Group literally smells of success. Membership nearly doubled, income rising, pamphlets being issued, exhibitions circulated, and a long list of cases ranging from pub porches to palaces in which the advice and assistance of the Group has been sought during the year. The executive committee has clearly had a busy year, and the vigilance of the members has been rewarded by most satisfactory results. The photograph reproduced below is of one of the cases handled by the Group during 1945.

#### ASTRAGAL



The staircase at the Priory, Reigate. The Priory Estate which was threatened with building development, has now been zoned as a public open space. This is one of the cases handled by the Georgian Group, on whose report Astragal comments this week.



## LETTERS

*Sir Charles Reilly*

*Wallace G. Sweet,*  
A.R.I.B.A.

*C. D. Spragg*  
Secretary, RIBA

#### National Amenities Council

SIR,—Since my letter regarding the National Amenities Council appeared in *The Times* of May 13, numerous enquiries have been received from architects, engineers, surveyors, town planners, scientific workers and leaders of the political parties, all desirous of participating in the work of the new organisation. In view of such widespread encouragement, steps will now be taken, without further delay, to define more precisely the nature of the work to be undertaken and to commence active operations. In brief, the main object of the Council will be to make life physically, in every sense, as good a thing for the people as a whole as it can possibly be made. In order to achieve their object, the Council is prepared to investigate practical and scientific problems. One of the objects of the new organisation will be to bring together all who are interested, on equal terms, and to afford facilities for considering every human need and all forms of amenity that are essential to promote health and mental efficiency in connection with building development. Aesthetic amenity will not be ignored; but, though it often follows, it is not the only form of amenity, and thought must first be given to those types that produce efficiency in daily work and general well-being. Among such essential physical amenities, consideration should be given to sound functional planning, methods of construction, facilities for healthy recreation, the enjoyment of adequate daylight and sunlight, ventilation, heating, acoustics, and good atmospheric conditions. Protection from fire and noise, too, will not be overlooked. But these amenities are merely typical and do not constitute the full extent of the activities contemplated. Another object of the Council will be to create an enlightened public opinion.

All architects and others who wish to participate in the work of the Council are



## CITY RECORD AT THE ROYAL ACADEMY



This drawing, a Tribute to London, by Cecil Brown, is among the architectural exhibits at this year's Royal Academy exhibition. However "period" its embellishments, it is a remarkable contemporary record, being "a prospect of the City of London from the south-east in the year 1945 showing its architecture, the

destruction caused by the King's enemies during the previous five years and some of the means whereby the safety of the citizens was maintained." The drawing is "dedicated by the Artist, without permission, to the Citizens of London, who during five years withstood bombardment in various forms."

desired to write at once to the Hon. Secretary (pro-tem), Mr. John Swarbrick, F.S.A., F.R.I.B.A., of 3 North, King's Bench Walk, Temple, London, E.C.4. Mr. Swarbrick is a member of the RIBA Council, a Vice-President of the Ancient Monuments Society, and one who has always taken the keenest interest in the preservation of amenities.

Twickenham

CHARLES REILLY

### Competitions

SIR.—With reference to your editorial regarding the present competition system, may I submit suggestions?

As you point out our present conditions are evolving themselves into a state where the results are little different from those which would obtain were the assessor commissioned for the final work, and certain competitors are definitely working to the assessors' tastes. It would seem, therefore, that the scope of the judging authority should be widened. Could the solution be found by the setting up of an adequate committee for the purpose by the RIBA?

This committee could be composed of any number of members, elected during, and by the machinery of, the annual election. They would be selected for their difference of views and represent all aspects of contemporary opinion. The nature of their work should be set out in the election literature.

Alternatively they could be selected by other committees of the RIBA.

On the advent of a competition they would meet and appoint a working party to meet the promoters and draw up draft conditions. Copies of the general requirements and draft conditions would be sent to each member prior to the next meeting at which final conditions would be drawn up. On receipt of entries, each set of drawings would be photostated and copies of these and the entrants' report sent to all members for their consideration in preparation for the meeting at which the judging of original drawings would be considered. Selections of premiated designs would be on the basis of a majority vote. Assessors' fees would be set against the cost of the administration.

Some other matters present themselves for consideration.

1. In order to reduce the work of the assessing members would it not be possible to arrange for preliminary sketch schemes to be submitted. This would also reduce the amount of work done by competitors who would be unsuccessful. A great deal of work is put into competition drawings of which 90 per cent. bring no financial return to their authors.

2. In view of the substantial financial advantage of winning the competition the first premium should be reduced and the money spread out over a wider range of meritorious schemes. In this way some of the

expenses of the competitor would be off-set to some extent. Some form of assistance might be considered for those winners who have not sufficient funds to enable them to pay the overhead costs while the final contract is being prepared. Special consideration should, of course, be given to competitions of an exhibition nature with no ensuing commission.

There are difficulties which would arise, but it would seem that the wider vision of a suitable group of architects would obviate the evils of the present system.

Tenby

WALLACE G. SWEET

### Vacation Work for Students

SIR.—Referring to the letter from Mr. C. R. Adams regarding vacation work for students, it may be of interest to your readers to know that before the war the RIBA, in conjunction with the Allied Societies, assisted full-time students to find suitable offices in which to gain practical experience during vacations. As the requirement of practical experience was waived during the war, owing to the fact that so little architectural work was being carried out, the scheme fell into abeyance. The Board of Architectural Education is now considering the question of practical experience in all its aspects.

London

C. D. SPRAGG,  
Secretary, RIBA



**PHYSICAL PLANNING SUPPLEMENT****THE CITY OF LONDON**

**BASIC PROPOSALS FOR RECONSTRUCTION AND REPLANNING  
SUBMITTED TO THE COURT OF COMMON COUNCIL ON JULY 17, 1946**

The Interim Report on the proposals for the reconstruction and replanning of the City of London—presented to the Improvements and Town Planning Committee by the Planning Consultants, Dr. C. H. Holden and Professor W. G. Holford, and subsequently to the Court of Common Council on July 17, 1946—sets forth the broad outline of roads, zoning and the visual possibilities, upon which a final plan may be built up for this centre of world commerce. An earlier plan for the City was prepared in 1944 by the City Engineer, certain aspects of which failed to secure the approval of the Minister of Town and Country Planning, who recommended the appointment of planning consultants to advise the Corporation. The Consultants submitted an Interim Report in March of this year. The contents of this Report have just been made public and are outlined in these pages. First is an Explanatory Summary which emphasizes and explains the salient features, including some recent amendments; next are verbatim extracts from important sections of the Report; and finally the comments made by the Improvements and Town Planning Committee in presenting the Report to the Court of Common Council. [Above, a view of the City of London looking east, taken from the air before the war.]

**EXPLANATORY SUMMARY**

**Based on comments made by the  
authors of the Interim Report**

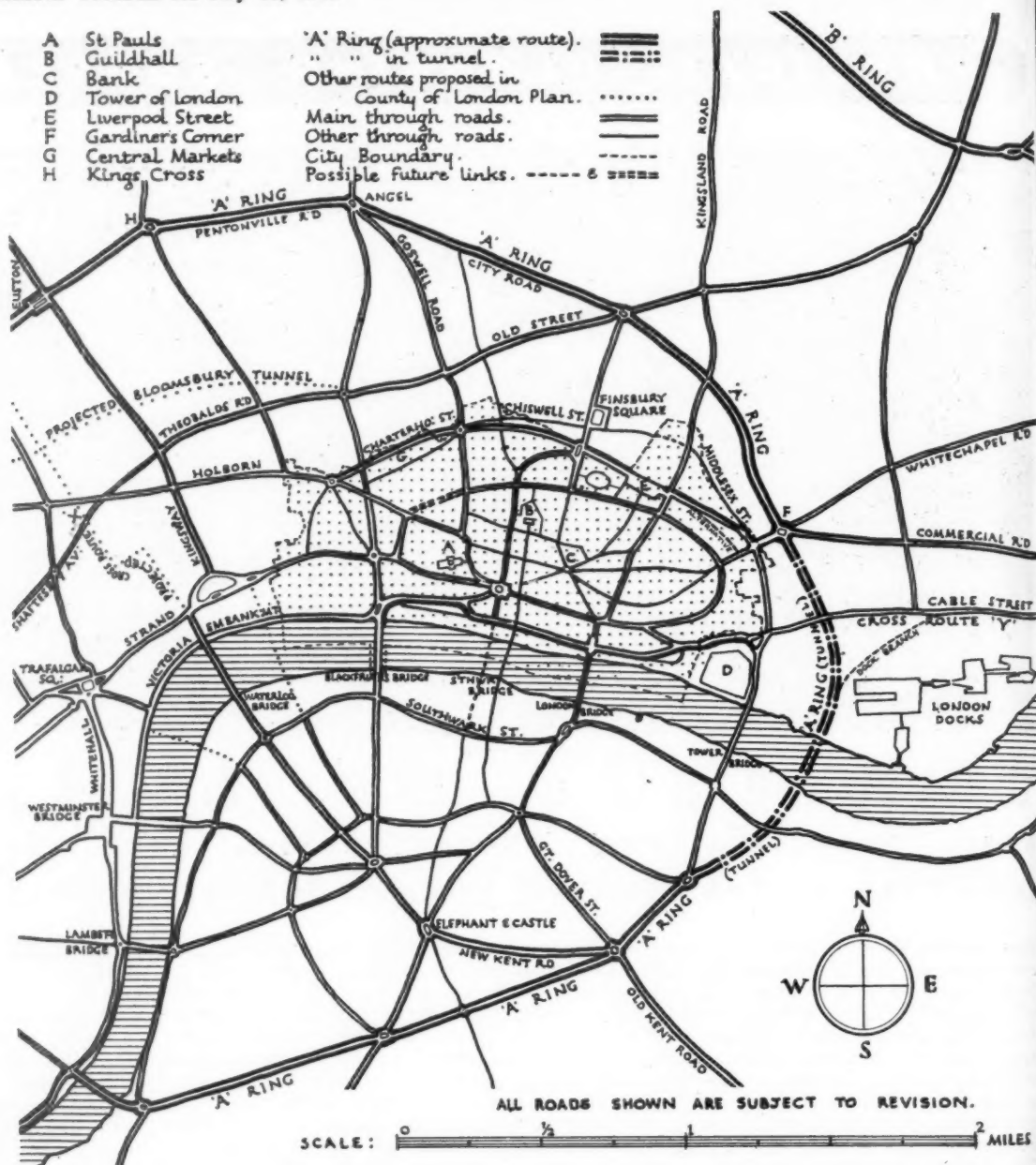
**commercial accommodation**

The City is a commercial centre within a large metropolis, and its day population bears a very constant relation to the total population of Greater London. Decentralization of residence and industry beyond the Green Belt will not necessarily involve a reduction of the commercial centre, and may help to concentrate it more firmly. Therefore, a reasonable assumption of demand would be for a day population of 52 per cent. of the slightly reduced population of Greater London, as it may be in ten years' time. But the supply of this accommodation depends on the space available when the demands of open space, lighting, road widenings and convenience generally have been met. At a rough guess the

provision of more floor space by building higher will be counterbalanced by the reduction of site space which replanning will entail. Working space (well lighted and easily accessible) should therefore be allowed for a day population of some 470,000 people; and this total should be the background on which a system of control of the amount of floor space allowed on a given site area, should be operated. The index would vary from zone to zone, and allowances would be made for buildings of special type.

**use zones**

A commercial centre is a series of markets: some are financial, and require offices and strong rooms—many of which, as in the case of the Bank of England—can be artificially lighted and below ground. Others need display space and storage for samples and require combined office and warehouse premises. Others again are almost entirely devoted to storage—sometimes cold storage. The predominant uses are therefore offices or warehouses; and to



## RELATION TO LCC PLAN

Above, a diagrammatic map showing the proposed routes through the City, as recommended in the Interim Report, in relation to the road pattern suggested in the LCC Plan for the County of London.

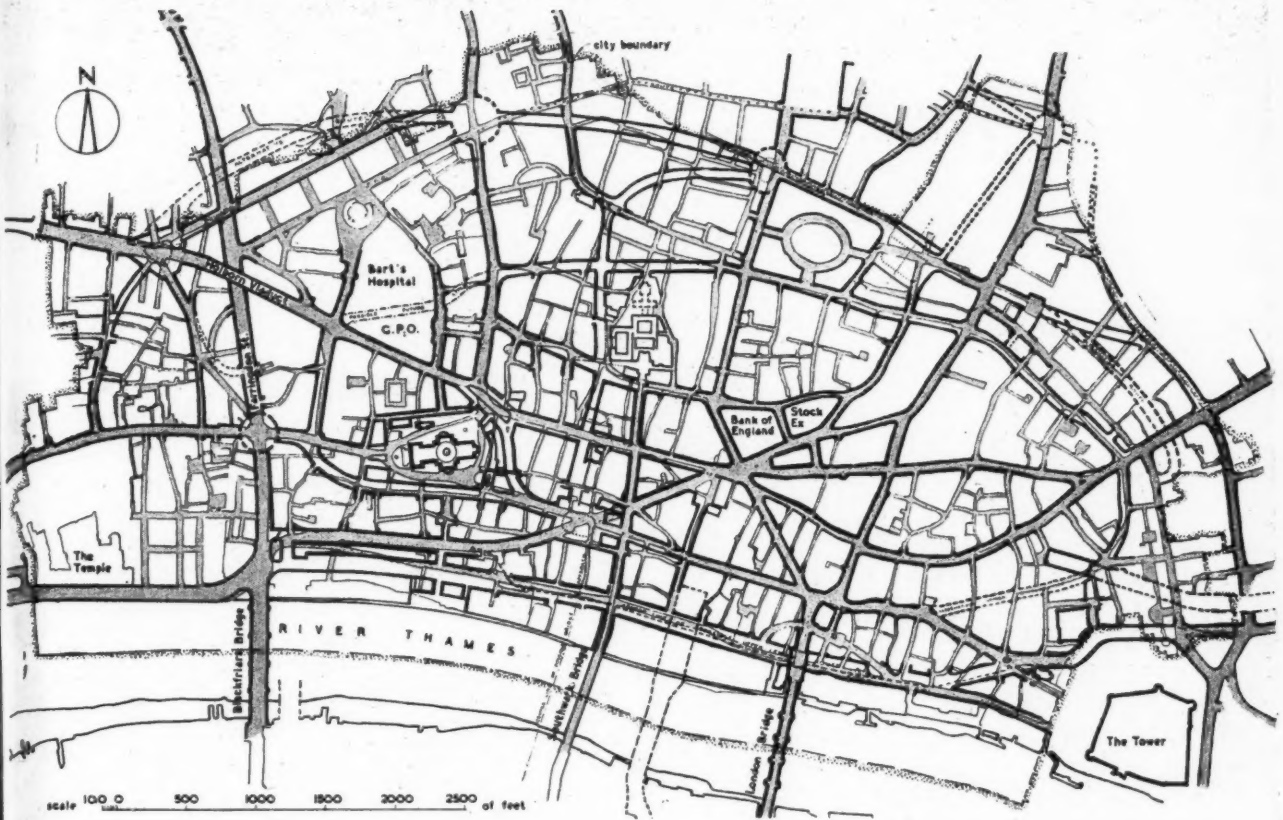
these are added special and ancillary buildings. The special ones include wholesale markets, railways and public utilities, buildings of historic importance, and public buildings of the non-recurrent type. Ancillary buildings include shops, workshops, places of assembly, pubs and restaurants, and a small proportion of residential accommodation distributed according to need in each part of the City. In addition there are open spaces, whether used for recreation, amenity and the settings of buildings; or for traffic forecourts and parking. It is clearly convenient that an area where a particular activity has been (and will continue to be) carried on, should be laid out and built in a manner characteristic of its functions, without undue interference from main traffic routes or conflicting activities. The proposals aim at establishing this condition—but with two exceptions—the book trade, centred around Paternoster Square appears to be moving west of its own accord, and the fish trade, at Billingsgate, is unable to function efficiently without more room, and is incompatible

with essential road improvements and may give place to offices and warehouses, itself moving out to a site more convenient to the railway terminals.

### traffic circulation

Already, with fewer vehicles on the roads than in 1939, there is insufficient carriageway generally throughout the City, and there is dangerous congestion and delay at particular points, e.g., the Bank Crossing, Liverpool Street and Bishopsgate, the head of London Bridge. To improve the position, which will grow progressively worse (while traffic is doubled in, perhaps, 20 years), the following proposals are made, in addition to those on zoning:—

(a) Reduction in number of public-service vehicle routes using the direct east-west line through the centre of the City (i.e., Holborn, Newgate, Cheapside, Poultry, Bank, Cornhill, Leadenhall Street, Aldgate) and their re-routing on parallel



## PROPOSED AND EXISTING

Above, a map prepared to show the effect of the new proposals outlined in thick lines, superimposed on the existing street pattern.

lines north and south of the Bank: that is to say, along a new route linking up with a widened London Wall on the north, and by a widened Cannon Street and Eastcheap on the south. These roads would form part of an inner distributive circuit, with a consistent width of 4 lanes and adequate pavements, and would be controlled mainly by traffic lights, so placed that there would be enough room for the queueing of vehicles on the red light. Some minor entrant roads would be closed, and the traffic flow, though not fast, would be fairly regular.

(b) Relief of the two congested north-south routes which lead to London Bridge (namely, Bishopsgate-Gracechurch Street, and Moorgate-Princes Street-King William Street) by a new road in the war-damaged area between Moorgate and Aldersgate, curving south-west from Finsbury Pavement, flanking Guildhall, crossing Gresham Street and Cheapside, and joining with the present crossing of Cannon Street with Queen Victoria Street in a new square. Traffic could gain the South Bank by Blackfriars or Southwark Bridges, and if later on a new bridge is built, it could well link up with this route.

(c) Widening of streets in the relatively undamaged eastern section of the City, by placing the pavements under arcades where this is the only practicable method of securing more carriageway within a reasonable time.

(d) Providing a limited-access road from Holborn Circus (or more likely from Grays Inn Road) to Liverpool Street Station. This would fly over Farringdon Street and the market area and enter a roundabout at Aldersgate; thence by a new route to South Place, Eldon Street and the new traffic forecourt to Liverpool and Broad Street Stations.

(e) Widening of Thames Street throughout its whole length from Blackfriars to the point where it turns up into Byward Street. There would be lanes for through traffic in the centre

of the road and for slow warehouse traffic on either side. If necessary, later on, an elevated road could be built over the central portion leaving the covered part for car parking.

(f) Linking the Holborn Viaduct-Newgate Street route with the Cannon Street route by a new street east of St. Paul's.

(g) Widening or improving the line of other streets.

There is also a need to improve junctions and crossings. Detailed studies in consultation with the police and traffic authorities will show whether lights, roundabouts, re-alignment of frontages, grade separations, or a combination of these, will provide the best solution. A large amount of car-parking space is also required: public and private; ceremonial and commercial; in addition to provision within the curtilages of the various markets for the traffic which is a part of their business.

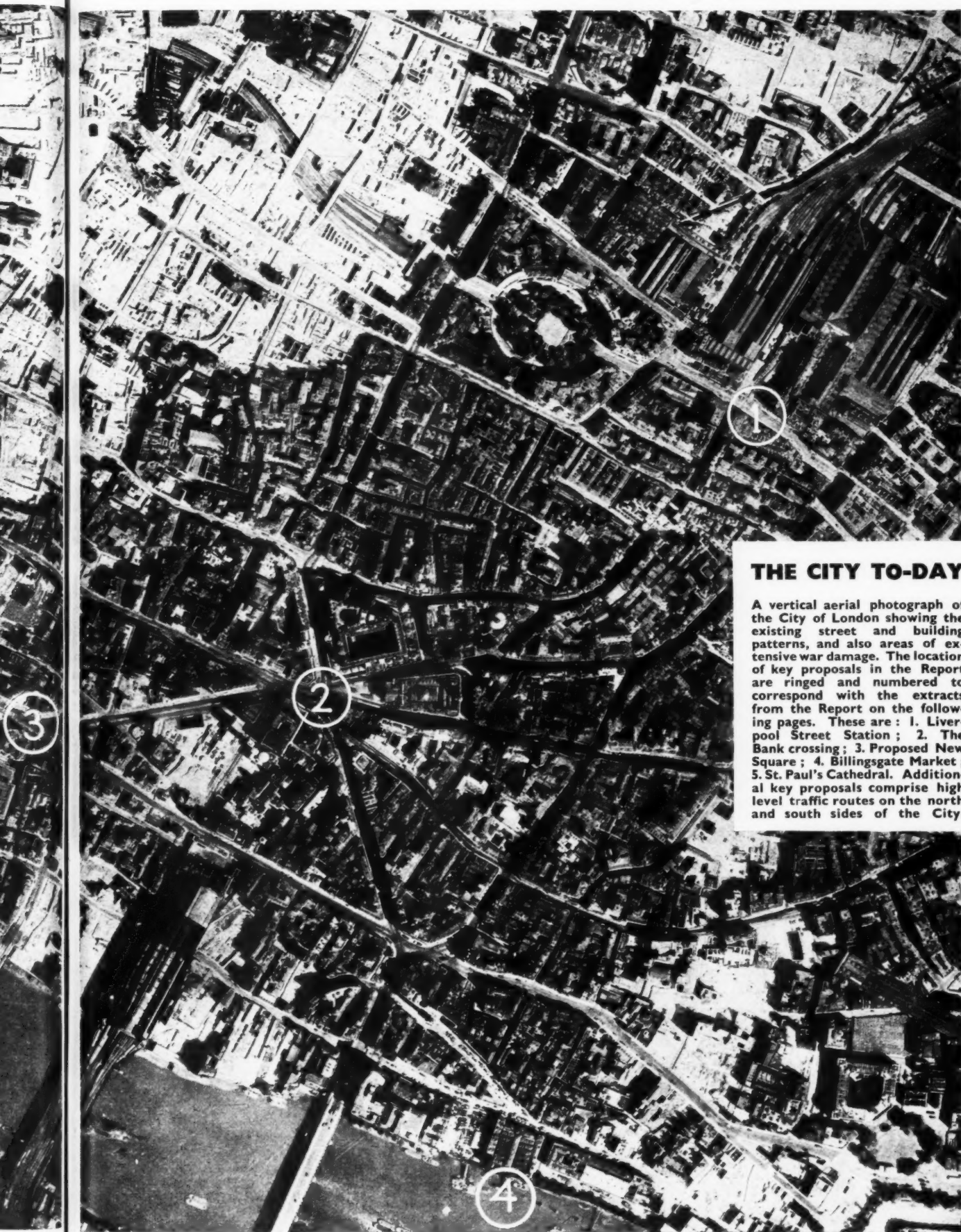
## pedestrian circulation

A large proportion of the City is already open to pedestrians at ground level, and this proportion should be increased. Pavements in busy streets should be wide enough to prevent jostling of pedestrians into the carriageway (a frequent cause of accidents). Open spaces, disused burial grounds, isolated church towers and other vantage points, and small shopping centres, are proposed to be linked up, as opportunity offers, to form pedestrian circuits that will be used by workers at mid-day, and by the visitor as well. For example, one should be able to walk in safety from the river front, south of St. Paul's under Queen Victoria Street, by the College of Heralds to St. Paul's Churchyard, under the Cheapside crossing, to









## THE CITY TO-DAY

A vertical aerial photograph of the City of London showing the existing street and building patterns, and also areas of extensive war damage. The location of key proposals in the Report are ringed and numbered to correspond with the extracts from the Report on the following pages. These are: 1. Liverpool Street Station; 2. The Bank crossing; 3. Proposed New Square; 4. Billingsgate Market; 5. St. Paul's Cathedral. Additional key proposals comprise high level traffic routes on the north and south sides of the City.

Foster Lane, by Goldsmith's Hall, along a tree-planted Noble Street, to the City Wall and St. Giles Cripplegate.

#### civic design

Three problems are involved: the preservation or improvement of the settings of buildings of historic and architectural importance; the creation of opportunities for fine new buildings; and the maintenance of "character" in City architecture, blending the richness and diversity of buildings of all periods, with necessary improvements in standards of accommodation—internal and external.

(i) St. Paul's is without question the most important monument. It is proposed to enlarge its "precinct" to the dimensions proposed by Wren; to preserve the Ludgate Hill approach, but make the last part of it a ceremonial approach only, diverting bus traffic along Carter Lane, a distance of 100 ft. or so further away from the Cathedral itself. Both from a point south-west of the building, *i.e.*, near the Deanery, and from almost the whole length of Cannon Street, and in particular from the New Square, magnificent views of the south side, the dome and the Western Towers, will be secured in a series of changing perspectives. This view has been greatly appreciated since the bombing revealed it, and it is felt that some additional open space here is amply warranted. There would also be a narrow axial view of the north transept from Newgate Street, a fine north-easterly view of the whole Cathedral from St. Vedasts' steps, and an oblique view (including the dome) from the pedestrian approach on the south side, as far as the river.

Of distant views, one of the most interesting will be from the South Bank, if this is redeveloped in accordance with suggestions made in the County of London Plan. Even if the Electricity Generating Station at Bankside remains, it is likely that there will be new viewpoints of the North Bank opened up, between Blackfriars and Southwark Bridges, and crowned by St. Paul's.

The treatment of the warehouses between Upper Thames Street and the river is not only important from the point of view of repairing war damage and providing up-to-date wharves and storage premises, but also from that of the appearance of the riverfront, and its enjoyment by the public on both banks of the Thames. It is proposed that with the substantial widening of Upper Thames Street the depth available for new warehouse premises should be extended by bringing the building line forward into the river. Apart from a short length of riverside terrace for the public, it is also

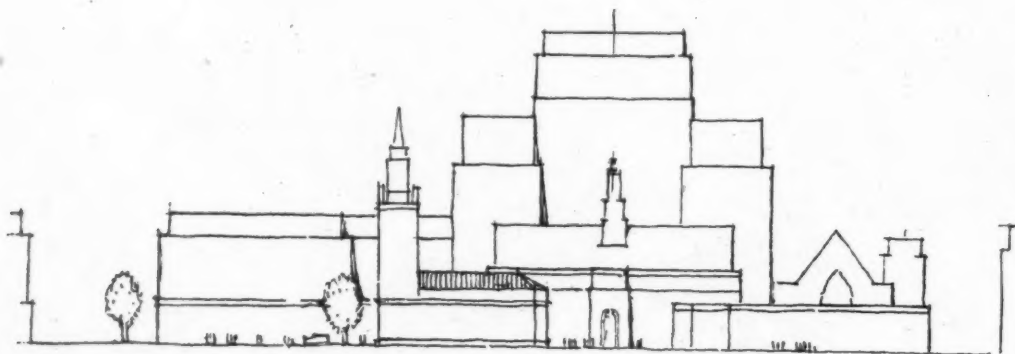
desired to incorporate into the frontage of new buildings a right of way for pedestrians at an upper level along at least part of this stretch of riverfront.

The Tower should be within a precinct which includes the Gardens, as proposed by the Tower Hill Improvement Trust. Guildhall should be rebuilt with the old hall retained against a background of modern building, comprising new offices, committee rooms and council chamber, and a civic hall available to the Livery Companies and others whose own premises have been destroyed by bombing.

The City Churches should not be overwhelmed by new office buildings, as in the case of St. Magnus, London Bridge, and St. Margaret Pattens. Where they are undamaged, or are to be entirely restored, some deference should be paid them by contiguous structures, so that at least from the principal point of view they are not dwarfed or made to look incongruous.

(ii) Opportunities for contemporary civic architecture of great interest will occur, if the proposals are adopted, at many places such as the New Square and the buildings facing St. Paul's. It is suggested that subject to architectural control, especially in the neighbourhood of historic buildings, and subject also to control of floor space over a given site area, the present maximum building height of 100 ft. under the L.C.C. Building Regulations should be waived.

(iii) It is proposed that town planning control of floor space, access, and daylighting should be consistently operated, no one being exempted; and that in certain areas, *e.g.*, around St. Paul's, there should be an architectural control over the height, and external appearance of buildings. Subject to these controls it is suggested that liberty of expression should be given to architects to interpret their clients' needs in their own way. While it would be an advantage to ensure that the redevelopment of whole blocks, or of property on both sides of a "corridor" street, should be contemporaneous, there is nothing gained by uniform redevelopment over areas much greater than these. What is now picturesque should be retained, wherever possible, no matter to what period it may belong nor how various its component elements may be; it should be swept away only to make room for a redevelopment which has equal architectural value as well as being more convenient. The City cannot afford mediocre architecture. Planting, paving, the use of movable gardens and roof gardens, street lighting and street furnishing generally, are all matters in which the City should set a high standard of design.



THE GUILDHALL

The proposals for the old Guildhall include its restoration with St. Lawrence Jewry Church, and the building of a large office block at the rear. These are illustrated in the sketch above.



## KEY PROPOSALS

Extracts from sections of the report submitted in March which outline important recommendations, are given below. The numbers refer to the points ringed on the aerial photograph on the preceding pages.

### traffic and the road system

We propose that the road system should be designed now to carry twice the pre-war volume of traffic by the end of the Second Stage. This is a provisional basis only, subject to confirmation or amendment when a closer estimate has been made. We propose also that future street widenings should be allowed for, as and when necessary; and that some of the cost of construction and disturbance should be discounted in advance by imposing certain conditions on all new building. (See diagram on page 52.)

### the north-south routes

We propose an entirely new north-south link, most of which passes through war damaged areas and could, therefore, be constructed in the First Stage. It would begin at the new square at the junction of Cannon Street and Queen Victoria Street, and cross Cheapside west of St. Mary-le-Bow, and Gresham Street at approximately its present junction with Milk Street; it would then form a new western boundary to the Guildhall area, and near St. Giles, Cripplegate, it would fork, the left arm joining Red Cross Street, and going on to Golden Lane, the right arm curving towards a new junction near Moorgate Station. Thence via the already wide Finsbury Pavement and Square to meet Old Street and the "A" Ring Road.

### the east-west routes

The major axis of the oval which represents the area of the City runs, however, from east to west; and it is the east-west routes which have for centuries presented the greatest problem in through communication. On the west the three entrant roads are Holborn, Fleet Street and the Victoria Embankment. On the east the entrant roads are Aldgate and Tower Hill. To these, outside the City boundary, are now to be added the "A" Ring, and the East-West Link on the line of Old Street; and in the air—not yet brought to earth as it were—a major cross-route referred to in the County of London Plan as the "Y" Route, which was intended to link the arterial dock road from Tilbury to the Victoria Embankment, but may instead bring it via Commercial Road to Gardiner's Corner. We regard it as of the first importance that this route should not bring into the City a great deal of heavy traffic which has no business there; and we consider that connections should be made between this road and the "A" Ring so as to divert traffic north from Gardiner's Corner, and south to the tunnel and the South Bank. These links do not at present appear to be contemplated, and we are discussing the question with the Ministry of Transport. Whatever solution is ultimately arrived at, we are assuming now, for purposes of the City Plan, that we shall not have to deal—at any rate on the surface—with east-west arterial traffic to and from the docks which can be taken by less congested routes outside the City. Nevertheless, the problem of east-west through traffic remains. We think this can only be satisfactorily met by (a) increasing the total number of through carriageways running in this direction through the City; (b) achieving consistent widths and improving junctions (particularly right-hand turns); and (c) providing special roads at or near the perimeter of the City; these roads being designed, not to open up new frontage and themselves to generate more traffic, but as traffic relief roads with comparatively restricted access, and with no more intersections than are necessary to link them with the main street system. We propose two such roads on the north and south borders of the City. They correspond roughly with the northern and southern arms of

the Ring Route as set out in your Provisional Draft Report. But their function is not quite the same; and they follow different routes.

During the interim period when the Forecourt and Bus Station at Liverpool Street would be under construction, it would be advisable in our opinion that a more northerly route—already existing for the most part—should be available as a by-pass for traffic not bound for Liverpool Street or Broad Street. This would continue north along Middlesex Street from the point where the first alternative route just described branches to the west, and would proceed to Pindar Street, over and under the tracks to Christopher Street (alternatively Earl Street and Sun Street), and thus to Finsbury Square. From the Square the route would be by the existing Chiswell and Beech Streets to Barbican, Long Lane, and Farringdon Street. This route would, of course, remain after the Special Route had been completed; but it is more than likely that the link over Liverpool Street and under Broad Street Stations would be broken, due to the remodeling of the stations themselves. Thereafter, traffic touching Liverpool Street would use the Special Route; traffic by-passing Liverpool Street would use the "A" Ring and Old Street. The proposal is, of course, conditional on the line of the "A" Ring eventually decided on by the L.C.C. and the Ministry of Transport.

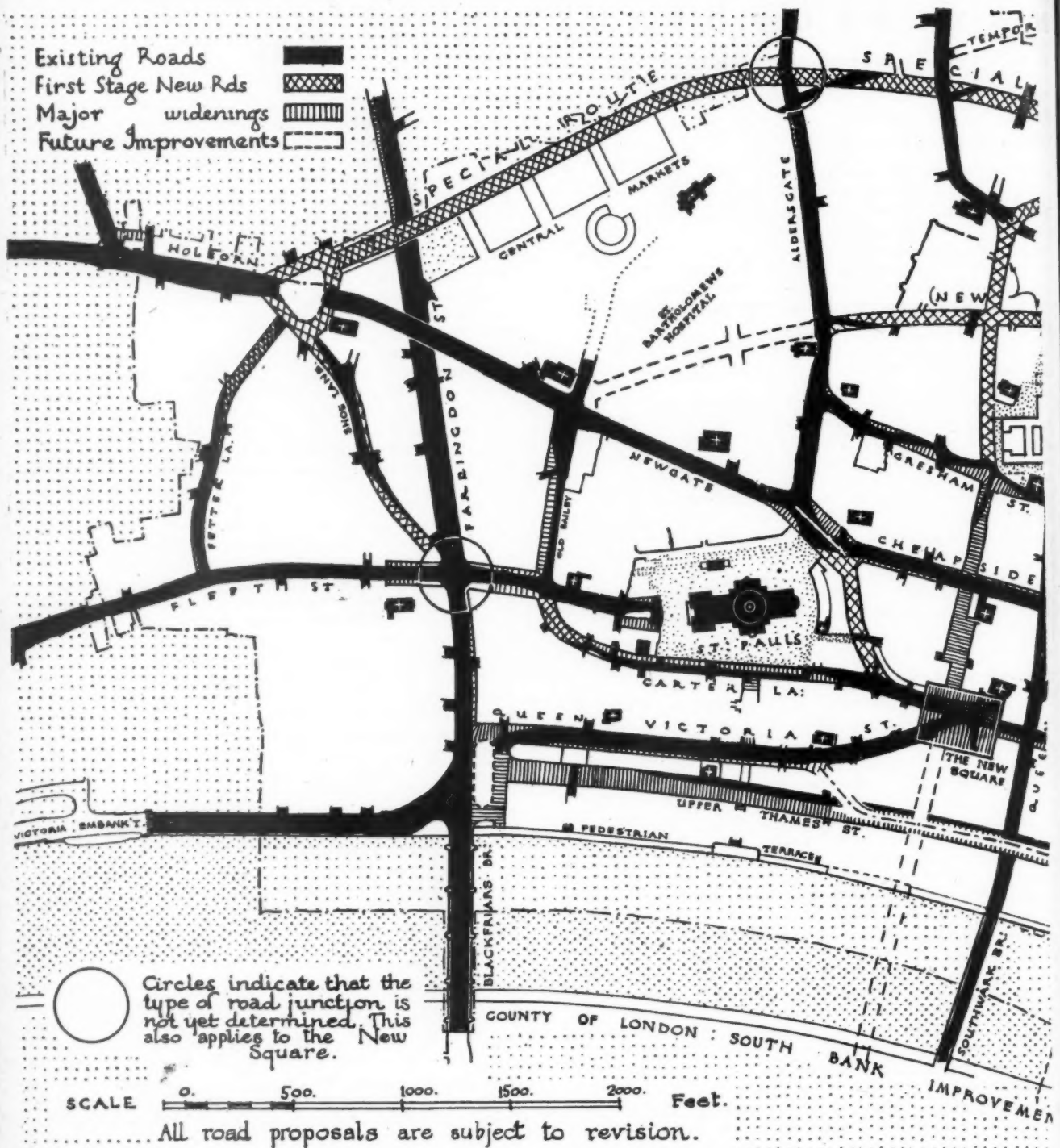
We propose that as soon as possible this Special Route from Holborn Circus to Barbican should be carried over Farringdon Street and the Central Market area on a viaduct. We envisage this viaduct, for the whole of its length adjoining the buildings of the Central Markets, as a cover for Charterhouse Street itself, which would then become part of the market area.

For the Special East-West Route on the south of the City we propose an equally radical improvement, based on the same principle. This is to widen Upper and Lower Thames Street (mainly on the north side as regards its eastern length and partly on the south side as regards the western end), to 100 ft. in average width, during the First Stage of reconstruction.

2 The Bank crossing is a particularly difficult problem, made more difficult by the fact that it is now an established exchange point. At this stage we wish to reserve our opinion as to the treatment of Queen Victoria Street between the Bank and the New Square. By the provision of alternative routes we should hope to relieve the Bank crossing of some of the traffic load along Princes Street, Poultry and King William Street. But the greatest load is still along Queen Victoria Street, and even the provision of a substitute or additional exchange point at the New Square, might not make possible a reduction in the bus traffic along this street. We do not suggest that Queen Victoria Street should be built over, but that traffic could be discouraged to a greater or lesser extent at the entrant points in or near the New Square and at Mansion House. Though we should prefer to see this part of Queen Victoria Street radically redeveloped, with greater provision for pedestrians, private car traffic and parking, and less provision for through traffic and for public service vehicles, we are not yet in a position to support this proposal in detail. The new road linking Newgate Street to Cannon Street and passing east of St. Paul's at a reasonable distance is desirable for the easy transfer of traffic from the north and west to the southern loop of the internal circuit. Its precise width is subject to further investigation.

### the new square

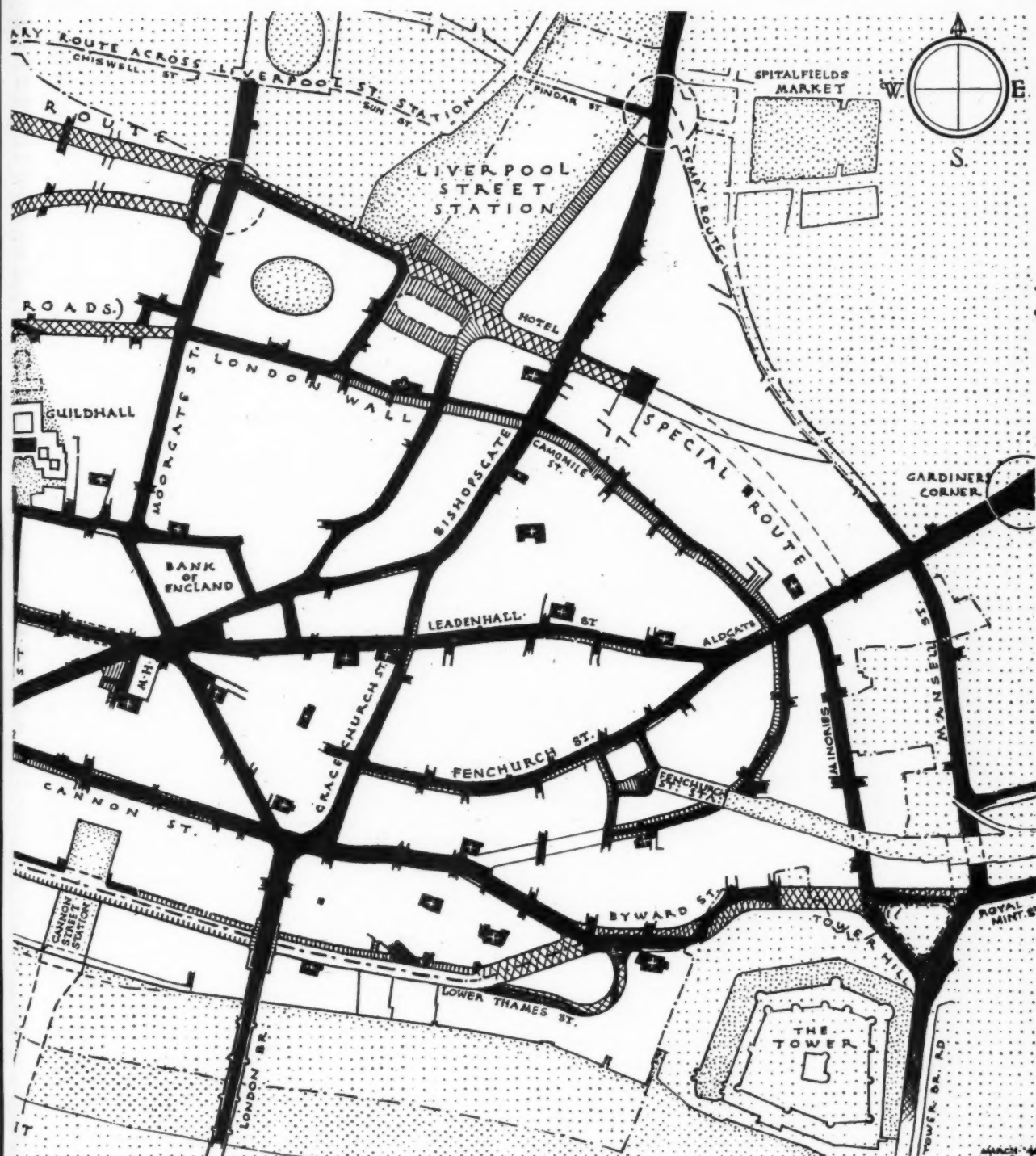
3 From what we have already proposed in regard to the future road system, it will be seen that the immediate construction programme for new main roads in areas of extensive war damage, centres largely on (i) the new east-west link between Aldersgate and London Wall; (ii) the



new north-south relief road from Finsbury Pavement, alongside Guildhall, across Gresham Street and Cheapside to Cannon Street; and (iii) the New Square itself. (We refer to it by this name for convenience, and not because we think it would ever be so named.) This last might well become architecturally, as well as from a traffic point of view, symbolic and significant. Unlike the Bank crossing, which has grown up over centuries and cannot easily be remodelled to suit the convenience of circulation, the New Square could from the start be laid out to deal adequately with traffic and to provide continuous circulation. At the same time it would give an opportunity for fine building. To the west, whatever development is planned on and around the present Watling Street and St. Paul's Churchyard, we should like to leave an open

view of the south front of the Cathedral, the great dome and the western towers. This view, and this feeling of spaciousness is, in our opinion one of the most striking and most cherished inheritances of the devastation. The perspective on foot, or from a bus, proceeding along Cannon Street is constantly changing and constantly impressive—particularly when the sun or a good light picks out the light stone, the form of the dome, and the gilt cross above it. It seems to us a view which is already widely appreciated by the public and which is better worth preserving than the broad flank view obtained on crossing the south axis on Upper Thames Street, Queen Victoria Street or even Bankside. Therefore, we suggest a generous width between the north frontage of Cannon Street and the south frontage of the new buildings in





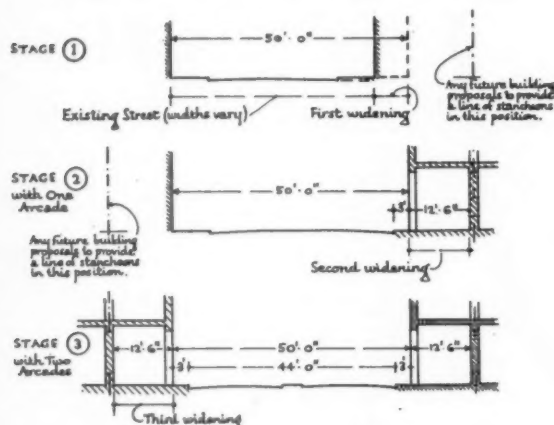
the Broad Street Ward flanking Watling Street.  
zoning

Put very broadly, our conception of use-zoning under the new planning system as applied to the City of London as a whole is, that apart perhaps from the Inner and Middle Temples, St. Bartholomew's Hospital and the historic buildings, the whole area forms one commercial zone—the central commercial zone of London. It follows that other uses, whether residential or industrial, are special uses even when essential to commercial operations; and as such should require approval from the Corporation; this approval would not be unreasonably withheld. It also follows that the uncontrolled spread of purely commercial buildings into adja-

## PROPOSED MAIN ROADS

Above, a map showing the proposed main road system. Existing roads and the various stages in the proposals are distinguished by reference to the key.

cent areas unless forming part of another and separate centre or sub-centre, is not a proceeding which the Corporation would wish to see encouraged by the adjacent Planning Authority whose territory surrounds them. Within this major commercial zone there are, in our opinion, a large number of essential uses. We include in this list: Offices, public buildings service buildings (including those for transport and post



STAGES IN WIDENING FOR 4 LANE THROUGH STREET IN UNDAMAGED BUSINESS AREAS.

Above, a diagram showing the three stages suggested in the Interim Report for widening streets in undamaged business areas to form 4-lane through streets.

office purposes, and power supply), warehouses, riverside wharves, cold stores, wholesale and retail markets, shops.

We are not in a position at this stage to formalise these observations into a redevelopment code governing use-zoning. But our general aim in doing so would be, first, to establish three main zones: viz., an Office Zone, a Warehouse Zone, and a Zone of Combined Office and Warehouse buildings; together with a Special Building Zone (the last to include the precincts already mentioned, the wholesale markets and specially equipped buildings); secondly, to suggest the appropriate ratio of floor-space to site area in each zone and the limits of variation above and below this overall figure, which would be appropriate to sub-divisions of the zone and to whole street blocks; finally, to suggest a method by which uses ancillary to those of the two main zones (such as shops and institutions) can be admitted without discrimination in principle, but with reasonable control over individual applications.

#### particular zones

Without entering into the responsibilities of the Corporation under the various Housing Acts, it seems to us that the principles outlined in paras. 42-46 of Part II of your Preliminary Draft Proposals, are reasonable in an area such as this. As we see it, all residential accommodation in the City is to some degree special. That is to say, it is either a legacy of the days when the population living in the City was many times what it became just before the war, or else it is—as we have described it above—ancillary to the main uses of a commercial area. We think it would be out of place, therefore, to envisage the development of part of the City as a residential neighbourhood with all that it implies in terms of new schools, playgrounds, and community services of various kinds. It would be better to combine with the surrounding Boroughs to ensure the founding of neighbourhoods comprehensive enough to support the open space and other provisions which are now becoming standard.

#### the wholesale food markets

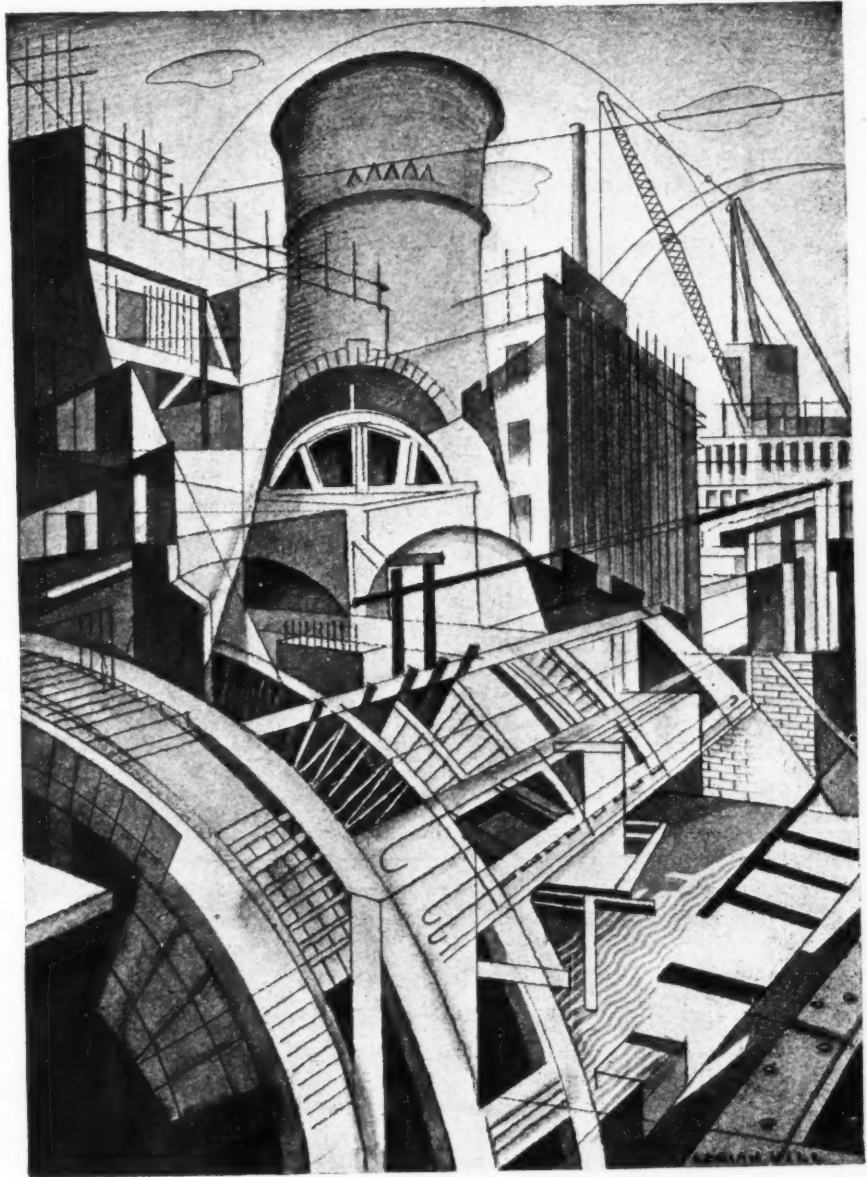
We except from this category, Leadenhall Market, whose retail trade is clearly more important from a planning point of view than any other. In connection with the Central Market at Charterhouse Street, and Billingsgate Market in Lower Thames Street, we have already made proposals for the further development of the thoroughfares in an attempt to segregate market traffic from through traffic, and to provide at the same time a covered space for loading and unloading. (This space might be partially top lit; but would have to rely

very largely on artificial lighting—probably by fluorescent tubes—and this would, of course, be the normal method of lighting during the early market hours.) So far as Smithfield is concerned we have, at this stage, very little to add. We feel that in the interests of zoning, market uses could and should be contained within the area bounded by the Metropolitan Railway, Farringdon Street, Snow Hill, Giltspur Street and Long Lane, with some related shops and offices in the area around St. Bartholomew the Great. On the other hand, except possibly for a single building depth on the west side of Aldersgate Street, warehouse and similar buildings associated before the war with the Wood Street area should not be encouraged to overflow into it. With careful zoning on redevelopment, with the removal of through traffic, and improvements at the foot of St. John Street, and in Long Lane itself, the Central Markets could not be described as a major planning difficulty in the City. Any proposal for removal or reorganization would, therefore, need to be on wider grounds than these.

4 At Billingsgate the problem is more difficult. Even if the separation of through traffic from market traffic is eventually secured by some such means as we have suggested, and even if the proposed extension to the west of Billingsgate enables a readjustment of internal planning to take place and a forecourt to be provided so that market traffic could at least nominally be confined within the curtilage, yet the fundamental objections to its situation remain. Billingsgate is not a good neighbour; and from a traffic point of view it is badly placed. The market includes not only the main building, but a number of auxiliary establishments and merchants' premises; and the Police tell us that besides Lower Thames Street and Monument Street and all the narrow streets leading into them, market traffic extends to Upper Thames Street—on occasion as far as Southwark Bridge. The peak hours are unlikely to be restricted in future to times when other traffic is scarce, and it seems inevitable that sooner or later private occupiers over a considerable area will protest against a degree of obstruction on the part of the market, which they themselves would not be permitted to cause. These are no doubt matters which chiefly concern the Billingsgate and Leadenhall Markets Committee of the Corporation. But there is one aspect of the problem—in our view the most important—which concerns the general planning of the City, and that is the road haulage of fish from the railway terminals to Billingsgate, and the reverse movement when it is distributed by van and lorry to the West End and to Greater London generally. This traffic must come and go very largely by way of Gracechurch Street, King William Street, Cannon Street and London Bridge—all of them approaches which stand in need of relief from congestion. From direct observations we have made, it even appears that a recognizable quantity of this traffic at present passes the Bank crossing.

#### the river front

We have come to the conclusion that the river front, with its warehouses and wharves, is capable of great improvement, without curtailing its legitimate development for commerce associated with the river and with overseas trade. The improvement we suggest will at the same time provide for access to the river by means of a terraced riverside walk on a setback in the warehouses at second floor height along the greater part of the front from Blackfriars to London Bridge. This riverside walk will be at a level that will not interfere with the loading and unloading of barges, with the exception of one strip of open space at wharf level, which would be accessible to the public. (This feature forms part of the plan for the St. Paul's precinct previously referred to, and the essence of the scheme is that at one point on the front there should be an opening, pleasantly furnished and of some attraction in itself, giving a view of the river and its activities



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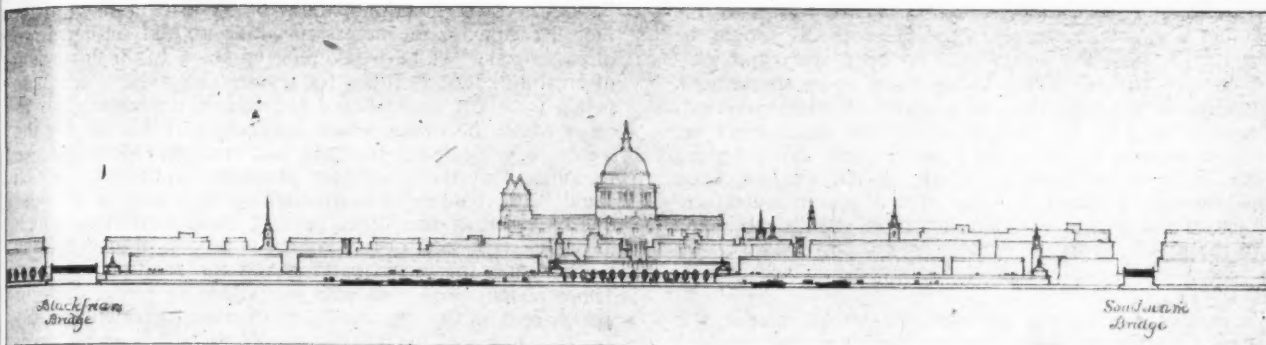
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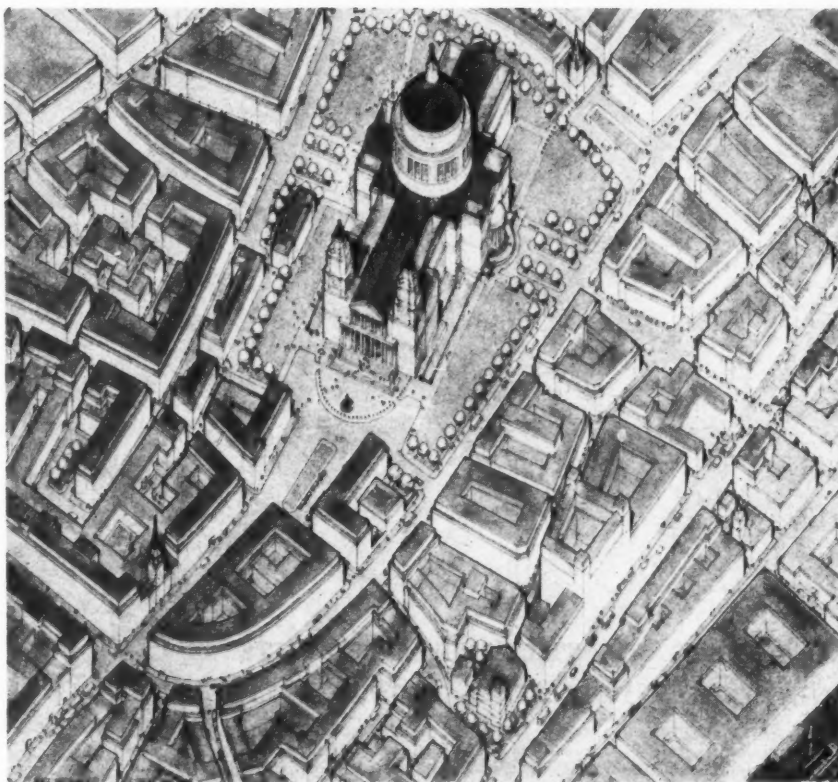
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## ST PAUL'S CATHEDRAL

Above, the view of St. Paul's Cathedral from the River Thames as proposed in the Interim Report. In contrast to the 1944 Plan, rejected by the Minister of Town and Country Planning, the south facade of the Cathedral is opened out to the river to a less extent.



Right, an aerial perspective of the proposals for the precinct of St. Paul's Cathedral, prepared by Dr. C. H. Holden for the Dean and Chapter, and incorporated in the new proposals for the City of London.

on the one side and linking up by footway with the Cathedral precinct on the other.)

### St. Paul's

**5** We propose that the surroundings of St. Paul's should be treated in conformity with the main lines of the plan submitted to and approved by the Dean and Chapter; of which copies have already been made available to your Committee. This plan would be subject to adjustment in order to conform to the general road pattern of the City now proposed; and also in some points of detail, such as planting, and the treatment of the pedestrian way down to the river on the south side. Little change would, however, be involved in the size and character of the actual precinct. As a result of conferences with the Director of Works, acting on behalf of the Post Office, with reference to the height and

architectural treatment of the Faraday House extension, there appears to be good prospect of an agreement being arrived at which would be in general conformity with the scheme already prepared. There has been mention of a proposal to incorporate an important national memorial into the plan of the precinct. There would be no difficulty in providing a suitable site for such a memorial, but until there is more specific information as to the form that it would take, we cannot proceed further. We are in touch, through the City Engineer, with the sponsor of one of the national projects for a memorial near St. Paul's and doubtless by the time that our further report is submitted, a more definite proposal will have been incorporated in the plan.

### open spaces

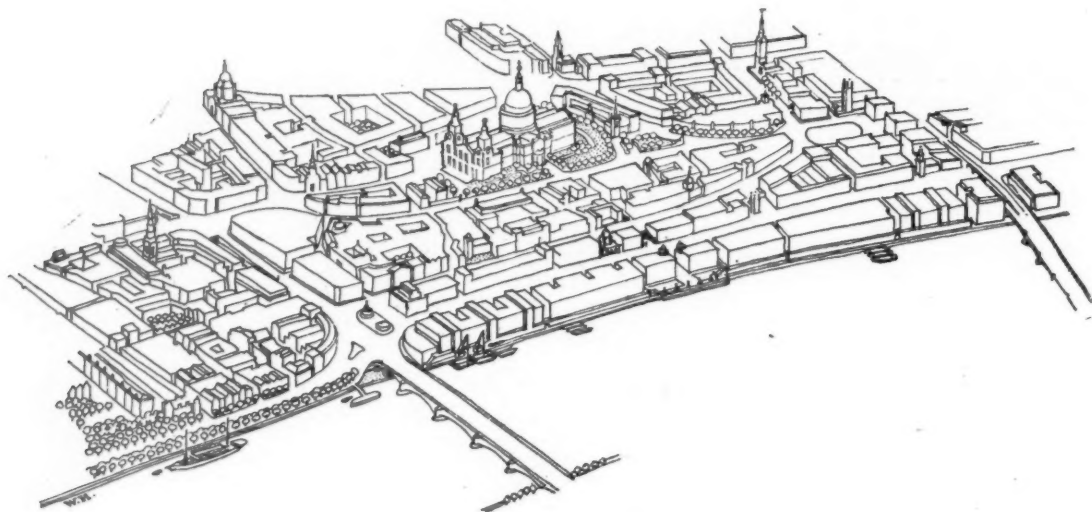
The principles and considerations referred to briefly in paras. 47 and 48 of your Preliminary Draft Proposals seem to us valid, and appropriate to the special circumstances of the

City. But we consider they should be carried further, to the end that a great number of separate proposals should be shown as forming the inception of an open space and foot-path system, capable of gradual addition and improvement. Secondly, we envisage that, as a result of other proposals already referred to, the total of public open space which we shall recommend will be slightly greater than that proposed in the Preliminary Draft Proposals, despite the reduction which would be made if some of the roundabouts were eliminated and the space within the central islands subtracted from the total.

#### car parks

We assume that, sooner or later, the public interest will require a restriction against parking during normal working hours, on at least the main roads in the City (those used by

public service vehicles and those of 50 ft. overall width or more), except for the necessary taking up and setting down of passengers. We have also referred above to the unwisdom of creating added facilities for private cars, where adequate public transport is available; and this is particularly so in cases where the owner would normally park his car for the whole period between morning and evening. Moreover, we recognize that there are few situations in the City which could be surrendered for car-parking at ground level, with the exception of temporary parking on cleared sites, which has much to be said for it. We are in process of investigating suitable sites for public parking and for multiple garages. Those in the *office zone* who are willing to pay a daily or weekly rent for car space will—if American experience is any guide—be catered for by private enterprise as soon as building labour is available for such projects.



Above, a perspective sketch showing how the City of London will appear from the air, if the proposals outlined in the Interim Report on the new Plan are carried out.

### COMMENTS BY THE IMPROVEMENTS AND TOWN PLANNING COMMITTEE

In presenting the Interim Report of the Consultants the Committee made certain observations to the Court of Common Council: the most important of these are given below. The Report as a whole, however, has been recommended for approval.

#### Mincing Lane area

The road proposals contained in the Report would have the effect of bisecting this important Market area and the Consultants will, at our request, give careful consideration to the question of resiting the projected inner circuit road to obviate the disturbance of the trade which has for so many years been carried on in this area.

#### Upper Thames Street viaduct

We do not find ourselves in sympathy with the proposal for an upper level route over the widened Upper Thames Street, and are of opinion that it would be preferable to plan for this street a width between buildings sufficient to accommodate at ground level all future requirements. . . . It may be that 120 feet will be adequate. We have asked the Consultants to furnish us with a model of the treatment they propose.

#### St. Paul's Cathedral environs

Our desire is to provide the Cathedral with a setting which shall be worthy in every respect. We do not feel that finality in proposals for treatment has yet been achieved, and consider that discussions in this matter should continue.

#### the river front

We are not convinced of the feasibility of the construction of the proposed high level riverside walk along the greater part of the front from Blackfriars to London Bridge—whilst recognizing the amenity which would thus be provided for pedestrians and the architectural significance of terraced treatment rising from the river level. We have, therefore, asked the Consultants to furnish us with detailed diagrams and a model.

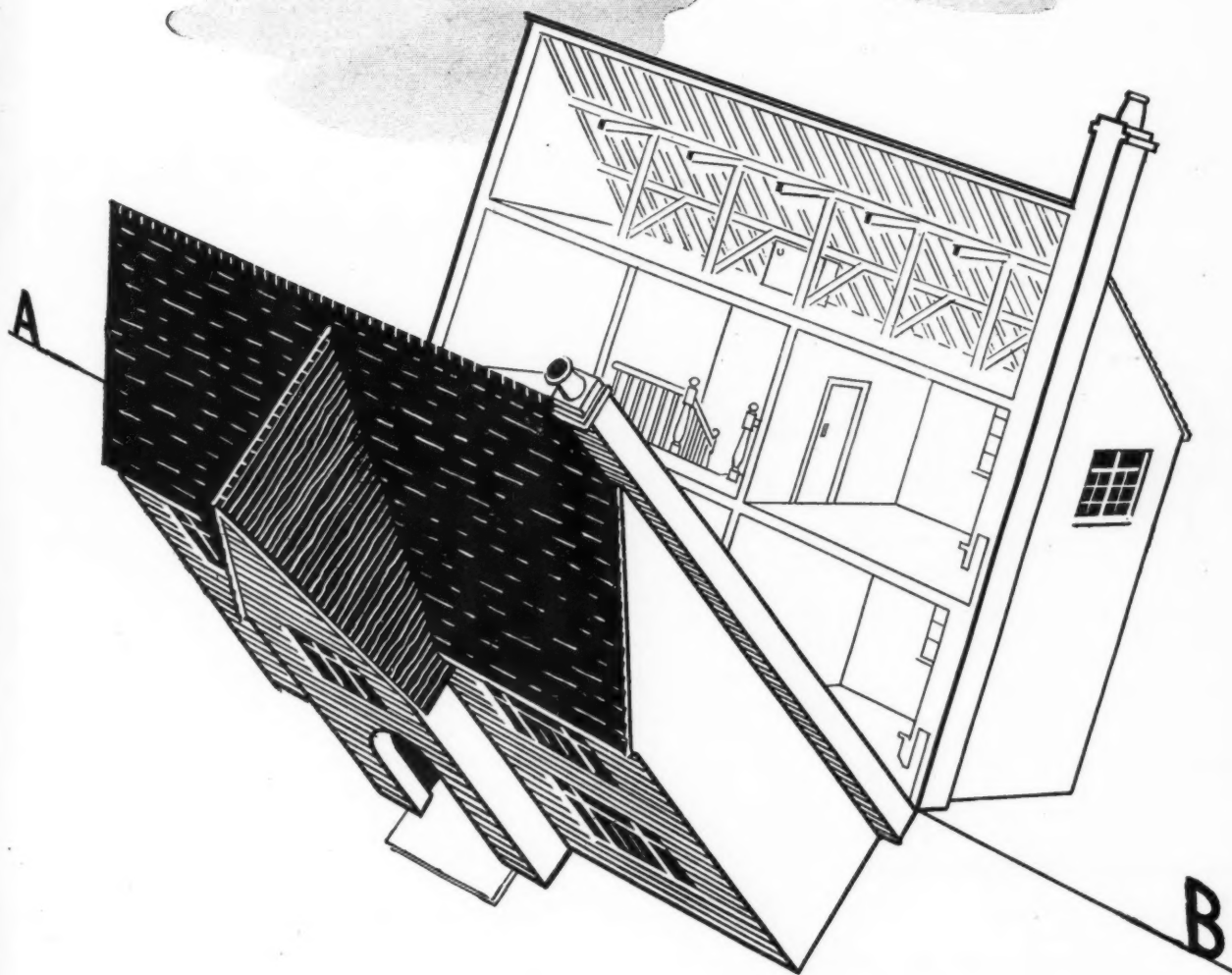
#### generally

We have requested the Consultants to consider and advise us as to the practicability and desirability of constructing "fly-overs" and/or "under-passes" at certain important traffic junctions with a view to the avoidance of vehicular congestion; also to envisage the widening of King Street at an early date to improve the approach to Guildhall from the South.



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A.J. 18.7.46

## Announcements

Mr. George Stuart Wood and Mr. Rawson F. Stagg have been appointed local directors of Thos. W. Ward, Ltd., 'Albion Works, Sheffield. Each is a son of a Joint Managing Director, the former of Mr. George Wood, who is also Deputy-Chairman of the company, and the latter of Mr. Frank R. Stagg, M.I.STRUCT.E. Mr. Rawson F. Stagg is also a Director of the Ketton Portland Cement Co. Ltd., one of the Ward group of associated companies.

Sir Stephen Tallents, K.C.M.G., C.B., who is past the retiring age for Civil Servants, has retired, at his own request, from the post of Public Relations Officer to the Ministry of Town and Country Planning.

Messrs. Jack Cotton, Ballard & Blow, Architects and Surveyors, have moved to Dorland House, Regent Street, London, S.W.1. Telephone: Whitehall 0386 (5 lines).

Mr. H. Kenchington, F.R.I.B.A., Mr. K. W. Farms, A.R.I.B.A., and Mr. F. Farms, A.R.I.B.A., have entered into partnership and will continue to practise at 130, Crawford Street, W.1. Tel. Welbeck 5370. The firm will be known as Kenchington & Farms.

The Wrought Light Alloys Development Association has now been absorbed into the Aluminium Development Association and the office at 63, Temple Row, Birmingham, 2, has been closed down. All future correspondence should be addressed to the Association at 67, Brook Street, London, W.1.

Mr. John Mumford who, until last May, was Chief Public Relations Officer of BAFO (Germany) has taken up an appointment with the Town and Country Planning

Association, as Director of the Association's Publicity, Educational and Conference activities. Before the war Mr. Mumford was a copy writer with Lintas, Ltd., and up to 1944 served as a Mosquito Navigator with the RAF. Mrs. Elizabeth McAllister, who has been Public Relations Officer, is now concentrating on the editorship of *Town and Country Planning*, the Association's quarterly periodicals.

The ballot of members qualified as quantity surveyors for the election of the Quantity Surveyors' Committee, the Royal Institution of Chartered Surveyors, has resulted in the election, in addition to the retiring members who stood for re-election, of Lieutenant-Colonel H. A. Ackland, O.B.E. (Fellow) and Mr. J. H. C. Mackmin (Professional Associate) in the places respectively of Messrs. A. J. Willis (Fellow) and Irving Todd (Professional Associate) resigned. Messrs. H. J. Venning (Fellow), T. Cuthbertson Hill (Fellow and Member of the Council of the Institution) and E. H. Palmer (Fellow) have been elected as Chairman, Vice-Chairman and Honorary Secretary of the Committee, respectively.

Mr. Charles A. Fincham, late Managing Director of Messrs. Joseph Freeman & Sons, Ltd., has joined the Board of Sealocrete Products, Ltd., Atlantic Works, Macbeth Street, Hammersmith, W.6.

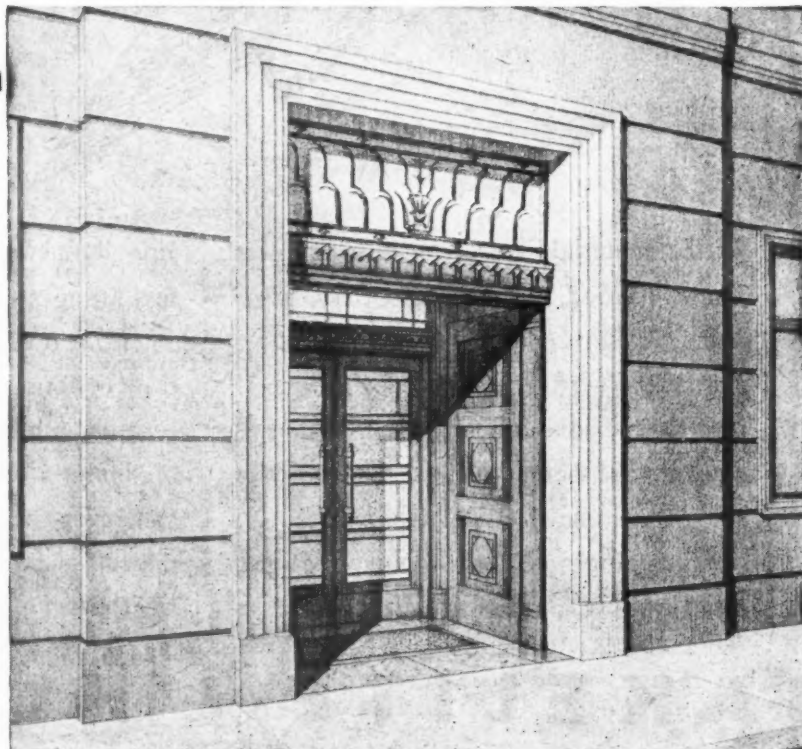
## CORRECTION

The Fuel Advisory Council's Report on *Domestic Fuel Policy*, see Information Centre No. 2,605 in the ARCHITECTS' JOURNAL for June 27 last, is published by HMSO at the price of 1s. net.

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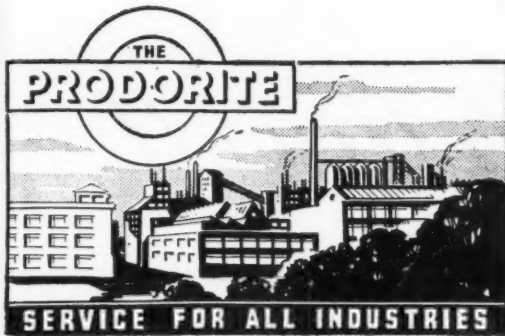
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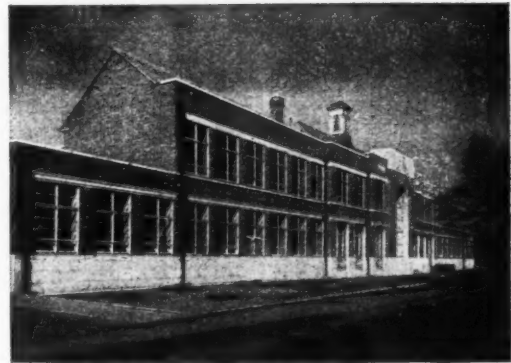
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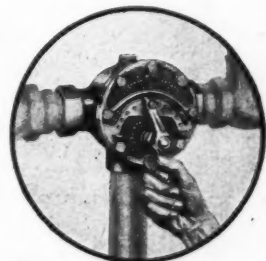
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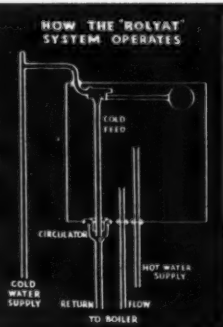
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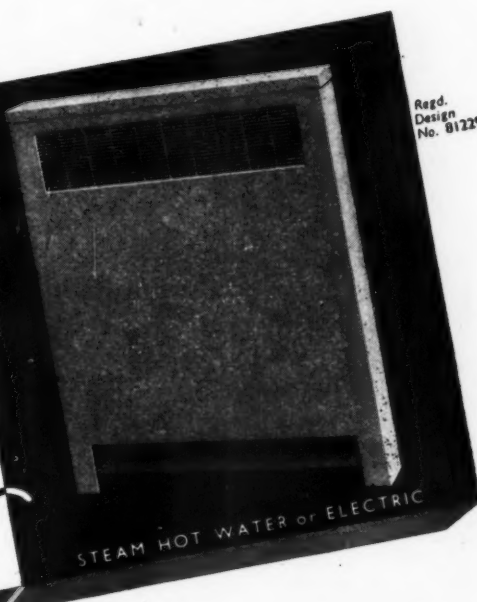
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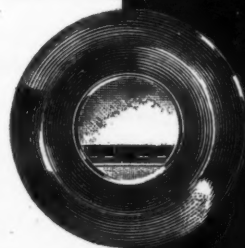
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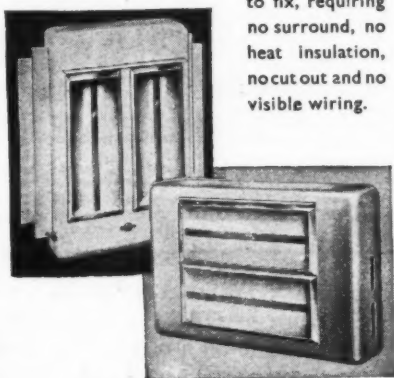
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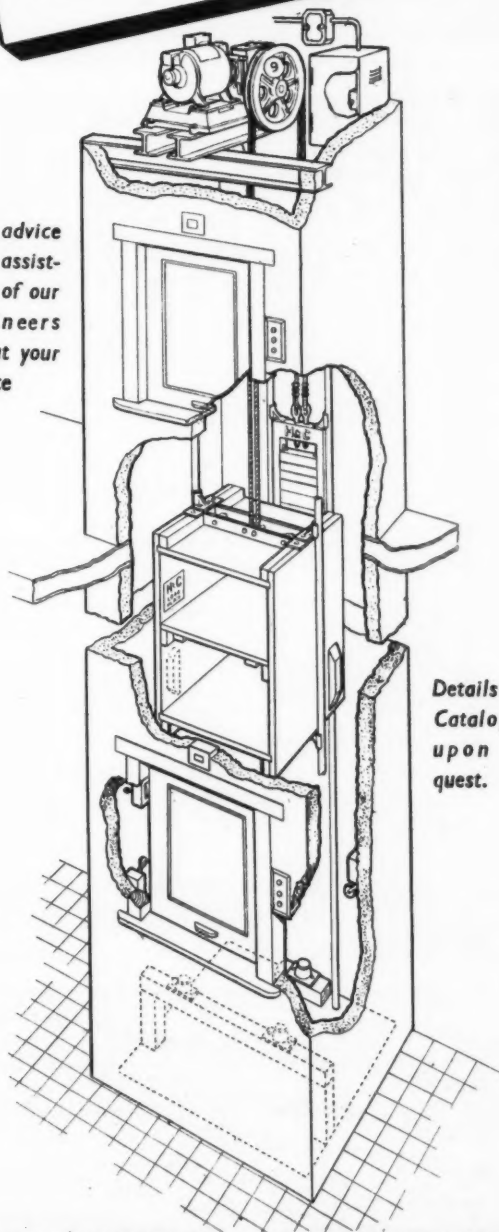
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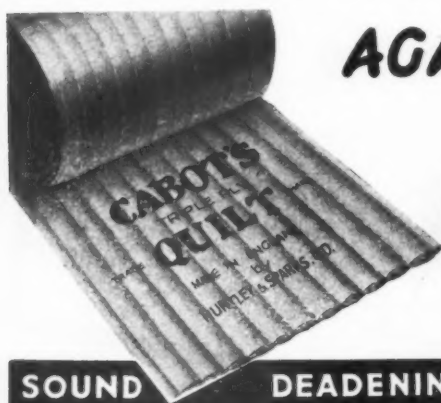


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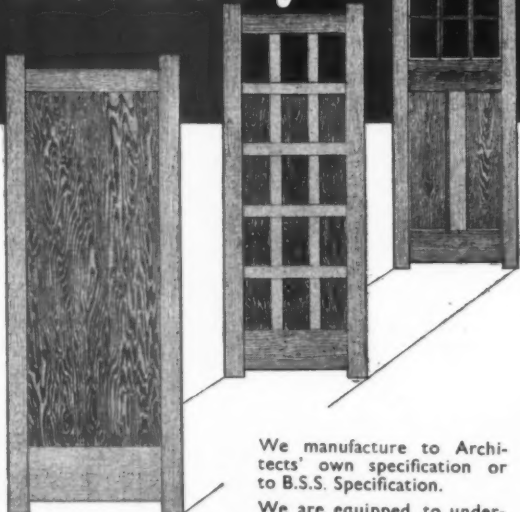
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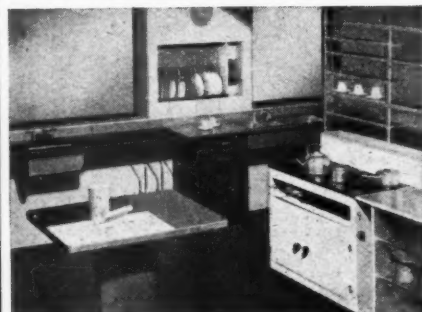
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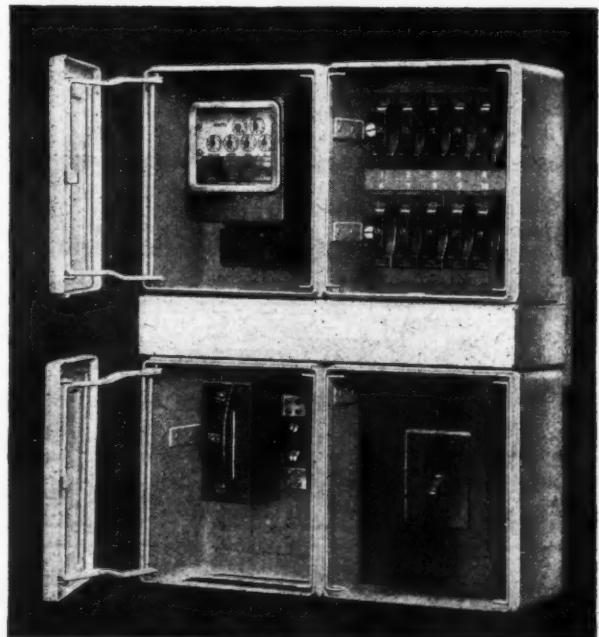
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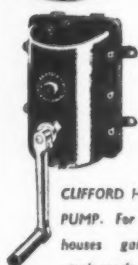


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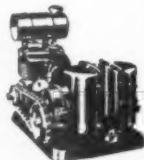
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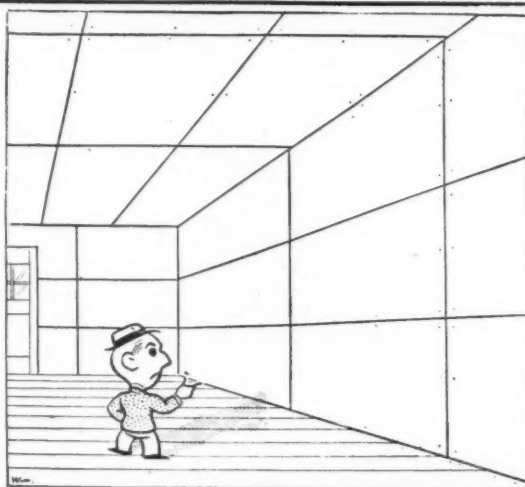
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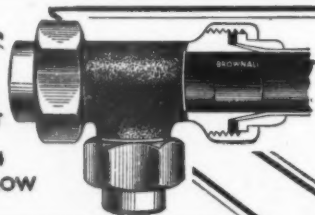
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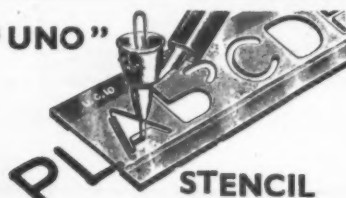
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## CLASSIFIED ADVERTISEMENTS

Advertisements should be addressed to the Advt. Manager, "The Architects' Journal." War Address: 45 The Avenue, Cheam, Surrey, and should reach there by first post on Friday morning for inclusion in the following Thursday's paper.

Replies to Box Numbers should be addressed care of "The Architects' Journal." War Address: 45 The Avenue, Cheam, Surrey.

## Public and Official Announcements

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

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

## LONDON COUNTY COUNCIL.

Applications are invited for the following positions:—

(1) QUANTITY SURVEYORS AND ASSISTANTS (SENIOR AND JUNIOR). Required for:—

(a) "Taking-off" quantities, measuring, and adjusting variations under building contracts and preparing estimates.

(b) Preparing estimates and measuring repairs and minor works under schedule of prices (experience of London County Council War Department or Office of Works Schedules).

(c) Working up, etc., in connection with domestic buildings and general working up (junior).

(d) Measurement of roads and sewers and housing work on cottage estates, preparation of interim and final bills on Schedules.

(2) ARCHITECTS, BUILDING SURVEYORS, TECHNICAL ASSISTANTS (ARCHITECTURAL) AND JUNIOR DRAWING OFFICE ASSISTANTS Required for:—

(a) Work in connection with the design and development of housing schemes for cottage estates and block dwellings (experience in domestic architecture preferred).

(b) Similar work in connection with schools and hospitals.

(c) The preparation of estimates and specifications for works of cleaning and painting, repairs and minor alterations at schools and hospitals.

(d) Assistants to district surveyors. A knowledge of the London Building Acts and by-laws is necessary for these positions.

(e) Junior drawing office assistants for general drawing office work. Should be able to finish plans from rough drawings, take dimensions and make sketches. Pay, according to age and experience, up to 65s. a week, plus cost-of-living addition.

(3) HEATING ENGINEERS AND HEATING AND VENTILATING ASSISTANTS. Good technical education required. Applicants must be experienced in the design of, and preparation of drawings, specifications and estimates for, modern hot water heating, ventilating and hot water supply schemes.

Except as otherwise shown, salaries for the above positions will be determined by qualifications and experience up to a maximum of £420 a year, together with cost-of-living additions up to £90 a year, according to basic salary. Salary up to £500 for certain positions of heating engineer and building surveyor. Successful candidates will be engaged on a temporary basis, but will be eligible for appointment, according to merits, for permanent appointment on the occurrence of vacancies. Temporary staff are required to contribute to the Council's Superannuation and Provident Fund.

Ex-Service candidates with experience prior to their war service will be specially considered.

Application forms may be obtained from the Clerk of the Council, County Hall, Westminster Bridge, London, S.E.1, enclosing stamped addressed foolscap envelope.

Canvassing disqualifies.

947

## SURREY COUNTY COUNCIL.

Applications are invited for the appointment of ASSISTANT ARCHITECT, in the County Architect's Department. The commencing salary will be £460, rising by annual increments of £15 to £550 per annum. London allowance of £20, together with war bonus, at present £59 16s.

Applicants should either hold a degree in Architecture or be an Associate Member of the Royal Institute of British Architects, and should have had a good training and an adequate experience in the design and construction of modern buildings.

Applications, stating age, particulars of training and experience, and accompanied by copies of three recent testimonials, should be sent to the County Architect, County Hall, Kingston-on-Thames, not later than Friday, 2nd August, 1946.

DUDLEY AUKLAND,

Clerk of the Council.

County Hall, Kingston-on-Thames.

556

## METROPOLITAN BOROUGH OF WOOLWICH.

Applications are invited for the following permanent appointments in the Borough Engineer and Surveyor's Department, at salaries in accordance with the Administrative, Professional and Technical Division of the National Scale of Salaries:—

(a) ENGINEERING ASSISTANT, Grade VI.

(b) ARCHITECTURAL ASSISTANT, Grade VI. The salary in each case will be £535 per annum, rising by two annual increments of £20 and one of £25 to a maximum of £600 per annum. The scale is weighted by £20. There is also a cost-of-living bonus—at present £59 16s.—per annum.

Applicants for (a) must be Associate Members of the Institution of Civil Engineers or hold the Testamur of the Institution of Municipal and County Engineers, and should have a good all-round municipal engineering experience;

(b) Must have passed the final examination of the R.I.B.A. or have an equivalent qualification, and preferably have had experience in architectural work, especially housing, undertaken by a local authority.

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

Applications, giving full details of age, qualifications and experience, should be forwarded, together with copies of not more than three recent testimonials, to reach the undersigned by Friday, 2nd August, 1946.

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

DAVID JENKINS,

Town Clerk.

Town Hall, Woolwich, S.E.18.

July, 1946.

522

## CITY OF COVENTRY.

## CITY ARCHITECTURAL DEPARTMENT.

The Corporation of Coventry invites applications for the whole time permanent appointment of CHIEF QUANTITY SURVEYOR, in the City Architectural Department.

The salary will be on Grade A.P.T. VI (commencing at £535, and rising by two annual increments of £20 and one of £25 to a maximum of £600 per annum).

Salary increments are subject to satisfactory service. The above salary is exclusive of the Council's cost-of-living bonus, which may vary, but which at present amounts to £59 19s. 3d. per annum.

Applicants must not be more than 40 years of age, and must be members of the Chartered Surveyors' Institution (Quantities Division), and should have considerable experience in the preparation of approximate estimates, specifications, and bills of quantities, and in the settlement of final accounts, and should be thoroughly conversant with all types of local authority works.

The post is subject to three months' notice on either side and to the provisions of the Local Government Superannuation Act, as amended in regard to annuities to widows by the Coventry Corporation Act, 1936, and a satisfactory certificate will be requisite from the Council's medical referee. The person appointed will be required to contribute to the Coventry Municipal Officers', Widows' and Orphans' Pensions Fund.

Application must be made on the form obtainable from the undersigned, and should be returned complete, together with copies of not more than two recent testimonials, or names of two persons to whom reference may be made, not later than Wednesday, 24th July, 1946.

Canvassing, directly or indirectly, will be a disqualification.

D. E. E. GIBSON,

City Architect.

1a, Warwick Row, Coventry.

11th July, 1946.

530

## EASINGTON RURAL DISTRICT COUNCIL.

## ENGINEER AND SURVEYOR'S DEPARTMENT.

## APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant, in the Engineer and Surveyor's Department, to work under the direction of Mr. C. W. Clarke, A.M.I.Mech.E., A.M.I.Struct.E., F.I.A.S., Engineer and Surveyor to the Council.

Applicants must have had considerable experience in surveys and preparation of plans for housing sites, housing layouts, house type plans, construction details and specifications, preferably with a Local Authority.

The salary will be at the rate of £315×£15 to £360 (subject to revision under National Scales), plus cost-of-living bonus, at present £59 16s. per annum. The provisions of the Local Government Superannuation Act, 1937, will apply, and the successful candidate will be required to pass a medical examination.

Applications on the prescribed form, which may be obtained from the undersigned, to reach the undersigned not later than 22nd July, 1946.

J. W. GRAY,

Clerk of the Council.

Council Offices, Easington.

549

## HUYTON-WITH-ROBY URBAN DISTRICT COUNCIL.

## APPOINTMENT OF BUILDING MANAGER.

Applications are invited from fully qualified persons for the appointment of Building Manager to the above-mentioned Council, at a salary in accordance with Grade IV of the Administrative, Professional and Technical Division of the National Joint Council; scale, i.e., £420 per annum, rising, subject to satisfactory service, by increments of £15 up to a maximum of £465 per annum, plus cost-of-living bonus, which at present amounts to £59 16s. per annum.

The appointment, in the first instance, must be considered as temporary, but there are prospects of a permanency, when the appointment would be subject to the conditions of the Local Government Superannuation Act, 1937. The successful candidate must have the necessary experience and qualifications to organize and supervise a Building Direct Labour Department capable of carrying out with success large housing schemes by direct labour, including the maintenance of existing housing estates and public buildings. He must be fully experienced in all trades of building construction, estimating, bills of quantities, and a keen and efficient administrator.

General conditions of appointment and duties may be had from the Engineer and Surveyor at the under-mentioned address.

Applications, endorsed "Appointment of Building Manager," and accompanied by copies of not more than three recent testimonials, must be addressed to the undersigned and delivered by first post on Tuesday, 23rd July, 1946.

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

H. E. H. LAWTON,

Clerk of the Council.

Council Offices, Derby Road, Huyton.

near Liverpool.

5th July, 1946.

543

## CITY OF CARDIFF.

## CITY SURVEYOR'S DEPARTMENT.

Applications are invited for the following appointments, which are subject (i) to the Scheme of Conditions of Service approved by the National Joint Council for Local Authorities, and (ii) to the Local Government Superannuation Act, 1937, (iii) to the successful candidates passing a medical examination, (iv) to determination by one month's notice on either side.

## PROFESSIONAL AND TECHNICAL DIVISION.

Grade V. Salary £460 p.a., rising by three increments to £510 p.a.

(a) SENIOR ARCHITECTURAL ASSISTANTS (two vacancies). Applicants must be Architects, and should have had administrative experience.

(b) ASSISTANT QUANTITY SURVEYOR. Applicants should be Chartered Quantity Surveyors, fully experienced in the preparation of bills of quantities and the control of major contracts.

Grade IV. Salary £420 p.a., rising by three increments to £465 p.a.

(c) ARCHITECTURAL ASSISTANT. Applicants must be architects, and should have had good experience on major contracts.

(d) QUANTITY SURVEYING ASSISTANT. Applicants should be P.A.S.I. or prospective (Quantities Section), and have had experience in the preparation of bills of quantities, specifications, site measuring, and final accounts.

Grade II. Salary £360 p.a., rising by three increments to £405 p.a.

(e) ARCHITECTURAL ASSISTANTS (two vacancies). Applicants must be Architects, good draughtsmen, experienced in surveying and the preparation of working drawings.

Grade I. Salary £330 p.a., rising by three increments to £375 p.a.

(f) JUNIOR ARCHITECTURAL ASSISTANT. Applicants must be Architects, and must have had experience in the preparation of working drawings.

## MISCELLANEOUS DIVISION.

Grade II. Salary £315 p.a., by three increments to £360 p.a.

(g) QUANTITY SURVEYING ASSISTANT. Applicants should be fully experienced in working-up and accustomed to the routine of a quantity surveyor's office.

Grade I. Salary £255 p.a., by three increments to £300 p.a.

(h) ARCHITECTURAL ASSISTANTS (Temporary). Applicants should be Students R.I.B.A., or hold equivalent qualifications and be good draughtsmen.

The above salaries are exclusive of the present cost-of-living bonus of £59 16s. per annum.

Applications should be tabulated, showing age, qualifications, present and previous appointments, salaries and list of buildings on which experience has been obtained, the names of three referees to whom reference can be made, and delivered to the undersigned not later than Monday, 12th August, 1946.

S. TAPPER JONES,

Town Clerk.

City Hall, Cardiff.

570

WEST SUSSEX COUNTY COUNCIL.  
COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments on the permanent staff at salaries in accordance with the National Scales of Salaries:—

- (a) ONE CHIEF ARCHITECT (EDUCATION). Grade VIII A.P.T. Division. Salary £625-£700.
- (b) ONE ASSISTANT ARCHITECT. Grade V A.P.T. Division. Salary £460-£510.
- (c) ONE ASSISTANT ARCHITECT. Grade IV A.P.T. Division. Salary £420-£465.
- (d) ONE JUNIOR ASSISTANT ARCHITECT. Grade I A.P.T. Division. Salary £330-£375.
- (e) ONE ARCHITECTURAL DRAUGHTSMAN. General Division. Salary according to age (e.g., age 23, male £200, female £160; age 30, male £300, female £240).
- (f) ONE ACCOUNTS CLERK. Clerical Division. Salary (male), £315-£360.
- (g) ONE CLERK OF WORKS (MAINTENANCE). Grade I A.P.T. Division. Salary £330-£375.

Plus cost-of-living bonus in all cases; at present £59 16s. (male).  
Applicants for:—

- (a) (b) and (c) must be Associates R.I.B.A., and for appointment (a) must have had a wide experience of Architectural work undertaken by a Local Authority, especially in the design and carrying out of Educational buildings;
- (d) Should have passed the intermediate examination of the R.I.B.A., and have had experience in Architectural work, including surveys and levelling, and preparation of working and detail drawings;
- (e) Should have had previous experience in tracing and in the preparation of surveys of sites and existing buildings;
- (f) Should have had experience either—

- (i) As an estimating clerk in a Builder's Office undertaking Public Works; or
- (ii) As an assistant in a Quantity Surveyor's Office, and should be familiar with current building prices and checking of Contractors' accounts;
- (g) Should have sound knowledge of all building trades and experience in the preparation of specifications for maintenance work.

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

Applications, on forms to be obtained from the County Architect, F. R. Steele, F.R.I.B.A., F.S.I., M.T.P.I., County Hall, Chichester, should be returned to him not later than Wednesday, the 21st August, 1946.

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

T. C. HAYWARD,

Clerk of the County Council.

County Hall, Chichester.  
6th July, 1946. 563

DERBYSHIRE COUNTY COUNCIL.  
COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following vacancies:—

- TWO SENIOR QUANTITY SURVEYORS. Salary £450, rising by two annual increments of £15 and one £20 to a maximum of £500 per annum.

Applicants should be fully qualified, and have had experience in taking off quantities for all trades, measuring up, and preparing final accounts.

In addition to the salary stated above a cost-of-living bonus, at present £59 16s. per annum, is payable.

The appointments will be subject to one month's notice on either side, and to the provisions of the Local Government Superannuation Act.

The successful candidates will be required to pass a medical examination. Applications stating age, present position and salary, qualifications and previous experience, accompanied by copies of three recent testimonials, should reach the undersigned not later than 25th July, 1946.

F. HAMER CROSSLEY, Dipl. Arch.,

A.R.I.B.A.,

County Architect.  
County Offices, St. Mary's Gate, Derby.  
12th July, 1946. 547

CAERNARVONSHIRE JOINT PLANNING COMMITTEE.

Applications are invited for the post of SENIOR PLANNING ASSISTANT, generally experienced in the preparation of planning schemes and the control of interim development, with town planning or architectural qualifications, at a salary of £460 p.a., rising by two annual increments of £25 and one of £20, to a maximum of £510 p.a., plus cost-of-living bonus.

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

Applications, stating age, past and present appointments, details of experience and qualifications, accompanied by copies of three recent testimonials, should be delivered to the undersigned not later than Saturday, the 10th August, 1946.

GWILYM T. JONES,

Clerk of the Joint Planning Committee.

County Offices, Caernarvon.  
10th July, 1946. 569

BOROUGH OF LUTON.

BOROUGH ENGINEER'S DEPARTMENT  
TECHNICAL STAFF.

Applications are invited for the following appointments:—

- (a) ASSISTANT QUANTITY SURVEYOR. Salary £535, rising by two annual increments of £20 and one of £25 to a maximum of £600 per annum.
- (b) PLANNING ASSISTANT. Salary £330 per annum, rising by annual increments of £15 to £375 per annum.

The appointments will be temporary in the first instance, with prospect of transfer to the permanent staff. A temporary cost-of-living bonus, at present at the rate of £59 16s. per annum, is payable in respect of each appointment. The appointments will be subject to the provisions of the Local Government Superannuation Act, 1937. It may be possible to provide housing accommodation within a reasonable time of the appointments being taken up.

Applicants for appointment (a) must have had extensive experience in quantity surveying and be P.A.S.I. or A.I.Q.S.

Applicants for appointment (b) should have had considerable municipal experience, and be first-class draughtsmen.

Applications, giving particulars of age, qualifications and experience, together with copies of not more than three recent testimonials, should be delivered, suitably endorsed, to the Borough Engineer, Town Hall, Luton, not later than first post on Monday, 12th August.

Canvassing, either directly or indirectly, will disqualify.

W. H. ROBINSON,

Town Clerk.

Town Hall, Luton.  
10th July. 575

Amended Advertisement.  
LINDSEY (Lincs) COUNTY COUNCIL.

Applications are invited for the following permanent positions in the County Architect's Office:—

- (a) SENIOR QUANTITY SURVEYOR. Salary offered is APT. Grade 5, £460 per annum, rising to £510, with cost-of-living bonus in addition, at present £59 16s. per annum. Applicants should be Professional Associate Members of the Chartered Surveyors' Institution, and be experienced in the preparation of Bills of Quantities for Public Buildings, etc. It is desirable that the successful candidate should provide his own car, for which he would receive an allowance on the Council's scale.
- (b) JUNIOR ASSISTANT QUANTITY SURVEYOR. Salary offered is APT. Grade 1, £330 per annum, rising to £375, with cost-of-living bonus in addition. Applicants should preferably have passed the Intermediate Examination of the Chartered Surveyors' Institution, and be capable of squaring, abstracting and billing, and of taking off for small works.

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

Applications by letter only, accompanied by three recent testimonials, to be received by the undersigned not later than 22nd July, 1946.

A. R. CLARK, A.R.I.B.A., A.M.T.P.I.,  
County Offices, Lincoln. 535

CORPORATION OF LONDON.

CITY SURVEYOR'S OFFICE.

APPOINTMENT OF TECHNICAL STAFF.

Applications are invited for the following appointments in the City Surveyor's Office.

- (a) ARCHITECTURAL ASSISTANTS. Salary £450, inclusive of consolidated bonus.
- (b) ARCHITECTURAL ASSISTANTS. Salary £350, inclusive of consolidated bonus.

Applicants for appointment (a) should either have qualified or be about to qualify for Associate Membership of the Royal Institute of British Architects' or Associate Membership of the Royal Institution of Chartered Surveyors (Building sub-division).

Applicants for the appointment (b) should be students of the Royal Institute of British Architects or probationers of the Royal Institution of Chartered Surveyors (Building sub-division).

Both grades of appointment are for the present on a temporary basis, and will be concerned principally with the reinstatement of war damage to a variety of types of properties. There will be a possibility of establishment for suitable man, and temporary service will count for the purpose of superannuation. Such appointments will be subject to the provisions of the Local Government Superannuation Act, 1937, and applicants will be required to pass a medical examination.

Previous experience with a Municipal body is not essential.

Applications, endorsed "Technical Staff" to be made to George Holliday, F.S.I., The City Surveyor, 55-51, Moorfields, E.C.2, giving the following particulars:—War service, age, qualifications or intentions in connection therewith, previous training, positions and experience, date when available to commence duties if selected, together with copies of two testimonials.

574

CORNWALL COUNTY COUNCIL.

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

- (a) QUANTITY SURVEYOR. Salary £460, by annual increments of £15 to £510 (Grade V, recommended by the National Joint Council).
- (b) ASSISTANT BUILDING INSPECTOR. Salary £360, by annual increments of £15 to £405 (Grade II), plus a travelling allowance on the County Scale.

Candidates for appointment (a) will be required to prepare estimates, bills of quantities, measure work, and adjust variations on contracts (preference will be given to experienced taker-off), and (b) should have held a similar appointment and possess practical experience of the building trade, be thoroughly competent in the preparation of specifications, detailed estimates and reports, and in the supervision of maintenance works and improvements to buildings.

The salaries above-mentioned are subject to the addition of cost-of-living bonus, at present £59 16s. per annum. The appointments will be subject to the Local Government Superannuation Act, 1937, and the successful candidates will be required to pass a medical examination.

Forms of application may be obtained from the County Architect, County Hall, Truro, to whom applications must be sent not later than Saturday, 3rd August, 1946, accompanied by copies of three recent testimonials.

E. T. VERGER,

Deputy Clerk of the County Council.

County Hall, Truro.  
July, 1946. 568

CUMBERLAND COUNTY COUNCIL.

APPOINTMENT OF SENIOR PLANNING ASSISTANT.

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

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

Applicants should be Members, or Associate Members, of the Town Planning Institute, and a qualification in architecture will be an advantage. The commencing salary on the grade will be determined according to the candidates' previous experience.

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

Applications, stating age, qualifications, experience and previous appointments held, accompanied by copies of three recent testimonials, and endorsed "Senior Planning Assistant," should be sent to the County Planning Officer, Citadel Chambers, Carlisle, not later than Monday, 29th July, 1946.

G. N. C. SWIFT,

Clerk to the County Council.

The Courts, Carlisle. 553

THE UNIVERSITY OF SHEFFIELD.

Applications are invited for a LECTURESHIP in ARCHITECTURE. Salary to be fixed at a figure between £600 and £800 per annum, according to the experience and qualifications of the candidate, with superannuation provision under the Federated Superannuation Scheme for Universities and War-time marriage and children's allowances. Duties to begin on 1st October, 1946. Applications (three copies), including the names and addresses of at least three referees and, if possible, copies of two recent testimonials, should reach the undersigned (from whom further particulars may be obtained) by 10th August, 1946.

A. W. CHAPMAN,

Registrar.  
536

THE UNIVERSITY OF SHEFFIELD.

Applications are invited for three ASSISTANT LECTURESHIPS in ARCHITECTURE. Salary £360 per annum in the first year, with superannuation provision under the Federated Superannuation Scheme for Universities and War-time marriage and children's allowances. Duties to begin on 1st October, 1946. Applications (three copies), including the names and addresses of at least three referees and, if possible, copies of two recent testimonials, should reach the undersigned (from whom further particulars may be obtained) by 10th August, 1946.

A. W. CHAPMAN,

Registrar.  
537



**PLYMOUTH REGIONAL JOINT PLANNING COMMITTEE.**

**APPOINTMENT OF ARCHITECTURAL ASSISTANT AND DRAFTSMAN.**

Applications are invited for the appointment of—  
(a) an Architectural Assistant, and  
(b) a Draftsman.  
The salary of the Architectural Assistant will be on the National Scale (Grade I), being £330 per annum, rising by three annual increments of £375 per annum, plus cost-of-living bonus (at present £59 16s.), together with travelling allowance in accordance with the County Council scale.  
Applicants should have had practical experience in architectural work, preferably in a Town Planning Department, and preference will be given to candidates with recognized architectural or planning qualifications.  
The salary of the Draftsman will be at a scale of £255 per annum, rising by three annual increments to £300 per annum, plus cost-of-living bonus (at present £59 16s.).  
Applicants should be competent draftsmen, and preference will be given to applicants with experience in a planning or architectural office.  
The persons appointed will be required to devote the whole of their time to the services of the Committee, and the appointments will be subject to one month's notice on either side. The appointments will also be subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidates will be required to pass medical examinations.  
Written applications, stating age, qualifications and experience, accompanied by copies of two recent testimonials, must be forwarded so as to reach the undersigned not later than the 29th July, 1946.  
Canvassing will be a disqualification.

PERCY T. LOOSEMORE,

for Joint Clerks.

Council Offices, Plympton, S. Devon. 550  
5th July, 1946.

**CHICHESTER RURAL DISTRICT COUNCIL.  
ENGINEER AND SURVEYOR'S DEPARTMENT.**

**APPOINTMENT OF JUNIOR ENGINEERING ASSISTANT (PERMANENT).**

Applications are invited for the permanent appointment of Junior Engineering Assistant, with salary of £330×£15 to £375 per annum, plus war bonus, at present £59 16s. per annum.  
Applicants should have had experience in surveying and levelling, and setting out for sewers and roads on housing estates.  
Preference will be given to applicants who have passed one of the following examinations:—  
(a) Sections A. and B. Institution of Civil Engineers.  
(b) Intermediate, Royal Institution of Chartered Surveyors.  
(c) Intermediate, Institution of Municipal and County Engineers.  
The appointment, which is terminable by one month's notice on either side, is subject to the Local Government Superannuation Act, 1937, and to the National Joint Council's Scheme of Conditions of Service. The successful applicant will be required to pass a medical examination.  
Applications, giving details of age, training, experience, present position and qualifications, and accompanied by copies of three recent testimonials, should be delivered to the undersigned not later than the 2nd August, 1946.

LEONARD BAILEY,

Clerk of the Council.

Pallant House, Chichester. 552  
9th July, 1946.

**DEPARTMENT OF HEALTH FOR SCOTLAND.  
PLANNING OFFICERS.**

Applications are invited by the Department of Health for Scotland for appointment as Planning Officers. The appointments will be on a temporary basis, but successful candidates will have the opportunity, in due course, to apply for permanent pensionable posts on the Department's planning staff. The scale of salary to be attached to these permanent posts is at present under review.  
Salary range for the temporary appointments is £600-£800 (men), according to experience and qualifications. A war bonus consolidation allowance of approximately £90 per annum is payable in addition.

Candidates, who should not be less than 30 years of age, must be members of the Town Planning Institute, and have preferably a basic qualification in Architecture, Engineering or Surveying.  
Headquarters will be Edinburgh. When absent from headquarters on official business, travelling expenses and subsistence allowance in accordance with Treasury regulations will be paid.

Applications, giving particulars as to age, professional qualifications and experience, present employment, etc., should be made in writing to the Establishment Officer, Department of Health for Scotland (Room 31), St. Andrew's House, Edinburgh 1. Closing date will be 14 days after the date of this advertisement. 554

**VACANCIES FOR DEPUTY DIRECTOR OF WORKS AND FOR SURVEYOR IN THE PRISON DEPARTMENT.**

Applications are invited for the appointments of—

(1) Deputy Director of Works, salary £950 to £1,075 per annum, plus consolidation addition of £105-£113 per annum. Candidates should possess wide experience in design and execution of building works and in administration of Works Services in a Government Department (e.g., as likely to be possessed by ex-Service Officers employed mainly on works during their service). They should also possess a good working knowledge of civil and electrical engineering, water supply, heating and ventilating, have experience in the selection and training of technical staff, in the training of building apprentices and in estate duties. Membership of an appropriate Professional Institution is essential.

(2) Surveyor, at salary of £900 to £1,025 per annum, plus consolidation addition of £105 per annum. The Surveyor the successful candidate will be in charge of the execution of new building works and of building maintenance at about 50 prisons and Borstal Institutions. Candidates should possess wide experience and execution of Works and in administration of Works Services and procedure as practised in Government Departments (e.g., as likely to be possessed by ex-Service Officers employed mainly on works during their service). Associate Membership of a Professional (Architectural) Institution essential. Age limits for either post 35-50, but preference will be given to candidates between 35 and 45.

Appointments will be to establish (pensionable) posts, subject to certain conditions.

The vacancies are in the London Office, but will involve occasional travelling.  
Application forms, etc., can be obtained from The Establishment Officer, Prison Commission, Horseferry House, Thorney Street, Westminster, London, S.W.1, and should be returned not later than 31st August, 1946. 555

**BOROUGH OF MORLEY.**

**APPOINTMENT OF QUANTITY SURVEYOR.**

Applications are invited from persons suitably qualified for the permanent appointment of Quantity Surveyor in the Housing Director's Department, at a salary of £460, rising, subject to satisfactory service, by annual increments to £510, plus such cost-of-living bonus as may from time to time be payable (at present 23s. per week).

Candidates should have had a considerable experience of quantity surveying work, with respect to housing, and must hold suitable professional qualifications.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937; and to the selected candidate passing a medical examination by the Council's Medical Officer of Health.

Applications, stating age, qualifications, experience, and when at liberty to commence duties, together with copies of two recent testimonials, to be sent to the Housing Director, Town Hall, Morley, not later than Monday, 29th July, 1946.

E. V. FINNIGAN,

Town Clerk.

Town Hall, Morley. 559  
9th July, 1946.

**GELLYGAER URBAN DISTRICT COUNCIL.  
APPOINTMENT OF ARCHITECTURAL AND ENGINEERING ASSISTANTS.**

Applications are invited for the under-mentioned appointments in the Engineer and Surveyor's Department, in accordance with the Grades of the Administrative, Professional and Technical Division of the National Scheme of Conditions of Service, plus cost-of-living bonus (at present £59 16s. per annum).

(a) One temporary Architectural Assistant (Grade IV), £420, by annual increments of £15 to £465 per annum. Preference will be given to candidates who are Members of the R.I.B.A., and should have had considerable experience in housing and other general work of a local authority, including building quantities and pricing.

(b) One temporary Architectural Assistant (Grade II), £360, by £15 to £405 per annum. Candidates should possess the Intermediate examination of the R.I.B.A., and have had experience in the service of a local authority.

(c) Two temporary Engineering Assistants (Grade II), £360, by £15 to £405 per annum. Candidates must have had experience in the preparation of housing layouts, be capable of preparing surveys, taking levels, preparing bills of quantities, and estimating.  
(d) Temporary Junior Female Tracer. - General grade salary, according to age (18 years of age, £76 per annum; 21 years, £128 per annum, etc.), plus cost-of-living bonus, according to scale.

All appointments will be terminable by one month's notice on either side.  
Forms of application may be obtained from the undersigned, and are to be returned, to be received by him not later than first post on Friday, the 26th July, 1946.

TUDOR LAWRENCE,

Clerk of the Council.

Council Offices, Hengoed, Glam. 548  
5th July, 1946.

**MIDDLESEX COUNTY COUNCIL.**

**COUNTY ARCHITECT'S DEPARTMENT.**

Applications invited for the following appointments:—

(1) ARCHITECTURAL ASSISTANTS, with experience in school design, etc., in the following grades:—

(a) Grade II (£400-£545 p.a.)—preferably assistants of the R.I.B.A.  
(b) Grade III (£245-£360 p.a.)—preferably with at least Inter. R.I.B.A.

(c) Grade IV (£165-£245 p.a.).  
(2) QUANTITY SURVEYING ASSISTANTS, Grade II (£400-£545 p.a.). Candidates should be experienced quantity surveyors.

(3) CLERKS OF WORKS. £7 per week. Experienced in inspection and supervision of maintenance works.

All salaries will be plus temporary bonus (at present £60 p.a.).

Established and pensionable appointments, subject to passing medical examination.  
Applications, giving details of experience, age, etc., together with copies of any recent testimonials, to C. G. Stillman, F.R.I.B.A., County Architect, Middlesex House, 20, Vauxhall Bridge Road, S.W.1, by 29th July, 1946. (A.36)

C. W. RADCLIFFE,

Clerk of the County Council.  
Middlesex Guildhall, Westminster, S.W.1. 567

**CITY OF PLYMOUTH.**

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

CHIEF ASSISTANT QUANTITY SURVEYOR, at a salary of £535, rising to £600 per annum, plus cost-of-living bonus, at present £59 16s. per annum.

SENIOR ASSISTANT QUANTITY SURVEYOR, at a salary of £460, rising to £510 per annum, plus cost-of-living bonus, at present £59 16s. per annum.

The posts will be subject to the Local Government Superannuation Act, 1937, and will be terminable upon one month's notice on either side. The persons appointed will be required to pass a medical examination.

Preference will be given to members of the Surveyors' Institution (Quantity Surveyors' Section). Candidates must not be over 40 years of age, but this condition may be relaxed in the cost of a person up to 45 years of age, employed by another Local Authority.

Applications, stating age, qualifications, previous experience, and date when available, together with copies of three recent testimonials, should be sent to the City Architect, Compton Park House, Plymouth, not later than the 25th July, 1946. 546

**METROPOLITAN BOROUGH OF POPLAR.**

**APPOINTMENT OF SENIOR ARCHITECTURAL ASSISTANTS (TEMPORARY).**

Applications are invited for the appointment of Senior Architectural Assistants, on the temporary staff of the Borough Engineer and Surveyor's Department. The commencing salary will be fixed according to qualifications and experience within the scale of £385×£25-£485 per annum, plus cost-of-living bonus (at present £59 16s. per annum).

Preference will be given to applicants who are members of the Royal Institute of British Architects or who hold equivalent qualifications and who have had experience of housing under a Local Authority.

Applications, stating age, qualifications and experience, accompanied by copies of three testimonials, should be returned to the Borough Engineer and Surveyor, at the Poplar Town Hall, Bow Road, E.3, not later than 9 a.m. on Monday, 29th July, 1946.

S. A. HAMILTON,

Town Clerk.

Poplar Town Hall, Bow Road, E.3. 515  
July, 1946.

**BOROUGH OF EALING.**

**BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.**

**APPOINTMENT OF ARCHITECTURAL ASSISTANT.**

Applications are invited for the appointment of an Architectural Assistant, at a salary in accordance with the National Scale of Salaries, A.P.T.5, at £510 per annum, plus cost-of-living bonus, which is at present £59 16s. per annum, plus £20, London weighting.

Preference will be given to applicants who are Associate Members of the Royal Institute of British Architects and Registered Architects and have had experience in Municipal Works, including Housing.

Applications are to be made on forms to be obtained from C. W. Seddon, Borough Engineer and Surveyor, Town Hall, Ealing, W.5, endorsed "Architectural Assistant," and must be delivered to me not later than 9 a.m. on 27th July, 1946.

Canvassing in any form will disqualify.

E. J. COPE-BROWN,

Town Clerk.

Town Hall, Ealing, W.5. 510  
1st July, 1946.

CITY AND COUNTY OF THE CITY OF EXETER.

APPOINTMENT OF THREE SENIOR ASSISTANT ARCHITECTS.

Applications are invited for the appointments of three Senior Assistant Architects, on the staff of the City Architect's Department.

Candidates must be Associate Members of the Royal Institute of British Architects, or hold equivalent qualification, and preference will be given to those candidates who have had considerable experience in Local Government housing and educational work.

The salary attached to each appointment will be £460 per annum, rising by two annual increments of £15, and one of £20, to a maximum of £510 per annum, plus cost-of-living bonus, at present amounting to £59 19s. 3d.

The appointments will be subject to one calendar month's notice on either side.

Applications, stating age, qualifications, previous and present appointments with salaries, and full details of experience, and date when available, together with copies of three recent testimonials, should be sent to H. B. Rowe, A.R.I.B.A., A.M.I.Struct. E., City Architect, 2, Southernhay West, Exeter, not later than Thursday, 1st August, 1946.

C. J. NEWMAN,  
Town Clerk.

Exeter.

6th July, 1946.

544

GOVERNMENT OF NORTHERN IRELAND.

ASSISTANT ARCHITECT.

Applications are invited for a post of Assistant Architect, in the Ministry of Health and Local Government. The appointment will be temporary, but so far as can be foreseen will last for several years.

Remuneration: The salary will be within the range of £550-£800 per annum, and the commencing salary within this range will be fixed according to the qualifications and experience of the successful candidate. In addition a war bonus of £90 per annum is at present payable.

Qualifications: Candidates must have passed the final (Associateship) examination of the Royal Institute of British Architects. In addition they should have considerable experience in up-to-date house design and layout, and preferably some experience of planning work.

Preference will be given to candidates who served with H.M. Forces during the 1914-1918 or 1939-45 war, providing the Ministry is satisfied that such candidates can, or within a reasonable time will be able to, discharge the duties of the post efficiently.

Closing date for receipt of applications: Applications must reach the Assistant Secretary (Establishments), Ministry of Finance, Stormont, Belfast, on or before the 9th August, 1946. Applicants should state date of birth, give full particulars of qualifications and experience, and enclose copies of two recent testimonials. 572

Architectural Appointments Vacant

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

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

**SHARP BROS. & KNIGHT, LTD.**, Joinery Manufacturers, Burton-on-Trent, have vacancies for a Draughtsman, both at their Head Office, Burton-on-Trent, and at their London Office. Reply in own handwriting, giving particulars of previous experience, and stating age and salary required; replies should be addressed to S. R. Sharp, Dove Cliff, Stretton, Burton-on-Trent; no other applications will be considered. 962

**SENIOR Architectural Draughtsman** required for industrial and general building construction of varied character, structural design, foundations, etc.; London; permanent; pension fund; salary according to experience; state age, training, and salary required. Write Box 537, c/o Judds, 47, Gresham Street, E.C.2. 992

**THE MIDLAND JOINERY WORKS, LTD.**, Burton-on-Trent, require an experienced Draughtsman, with a knowledge of estimating, but this is not essential; the main duties would be to prepare working drawings of special joinery for workshop purposes; this position is progressive, and wages will be paid according to experience and ability; applications should be in own hand-writing, giving full details as to experience and salary required. 527

**ARCHITECTURAL ASSISTANTS** required; salary up to £8 10s. per week inclusive, according to qualifications and experience. Write in first instance, giving particulars to Mr. F. T. Pratt, Ministry of Works, Shaftesbury Road, Brooklands Avenue, Cambridge. 993

**ARCHITECT'S JUNIOR ASSISTANT** wanted, Plymouth office; must be able to prepare working drawings for houses from sketch plans; age, experience, and salary required, enclosing copies of testimonials, to Box 1333, Butcher's Advertising Agency, Hartley, Plymouth. 503

**EX-C.R.E. and A/C.R.E. Works**, now in private practice, have immediate opportunities in their progressive West End office for ex-8/Sgt. or Corporal Draughtsman R.E. and any other Architectural Assistants with a sound knowledge of present day requirements. Box 996.

**WANTED**.—Experienced practical Assistant, around 40 years of age, for London Architect's office, with sound knowledge of materials and construction, to take charge of works in progress; duties will include correspondence with authorities, contractors, quantity surveyors, district surveyors, etc., and general site supervision, preparation of site, meeting notes and progress reports for Local (Housing) Authority clients; applications are to be in own handwriting, stating age, qualifications, experience, salary required, and date available. Box 506.

**JUNIOR ASSISTANT** (19-21 years) for private practice; housing and industrial surveys, working drawings and specifications. Clark, 44, Gt. Russell Street, W.C.1. Museum 0500. 507

**JUNIOR ASSISTANT**, direct from school, required; also Junior Assistant, with about 3 years' tracing and drafting experience; for Architect's office. Write, R. F., 15/17, Tavistock Place, W.C.1. 508

**SENIOR ASSISTANT** required by Architect to take charge of work in connection with rebuilding cost of works' housing and other war damage rebuilding work; should be experienced in supervision and control; salary £650 p.a. Write, stating age and experience, to Box 540.

**SENIOR ASSISTANT** required by Architect at Croydon; should be experienced and good designer; salary £400-£500, according to experience and qualifications. Write to Box 541.

**ARCHITECTURAL ASSISTANT** required in small progressive office; must be fully competent to make working drawings without undue supervision; recent experience of factory construction desirable. Write Pidgeon and Demuth, 37, Great James Street, London, W.C.1. 545

**WANTED**, for South Africa, fully qualified Architect; good salary paid to highly qualified man, with experience of brewery licensed houses and hotel work.—Applicants should, in first instance, write, giving full details of experience, and qualifications and salary required to Box "J.R." c/o J. W. Vickers & Co., Ltd., 7/8, Great Winchester Street, E.C.2. 542

**EXPERIENCED Senior Architectural Assistants** required by London Architects to work in Midlands Office on an interesting large scale project now in progress. Box 539.

**TRACER** (Lady) required by Westminster Consultant; either architectural or civil engineering experience will be considered. Send full details to Box 557.

**LARGE ENGINEERING CO.** requires Building Engineer (30-35), with civil engineering training, as Assistant to Chief Works Engineer; experience in factory design, maintenance, alterations, site surveys and general supervision; give experience, qualifications, positions held, in chronological order, age, salary required. Box 558.

**SURVEYOR WANTED**.—The Durham Diocesan Dilapidations Board invites applications from qualified Architects, Surveyors or Land Agents, for the post of Diocesan Surveyor to act under the provisions of the Ecclesiastical Dilapidations Measures, 1923-29, for the Diocese of Durham, from the 1st January, 1947. Applications from qualified persons must be sent in not later than the 31st August, 1946, to the Secretary, Durham Diocesan Dilapidations Board, Diocesan Office, The College, Durham, from whom further information about the appointment may be obtained. 560

**ARCHITECTURAL ASSISTANT** required immediately; R.I.B.A. Inter. exam., and good practical experience. Joseph Emberton, F.R.I.B.A., 121, Chiltern Court, Baker Street, N.W.1. Welbeck 5544, ext. 121. 564

**COUNTRY PRACTICE**.—Architectural Assistants required immediately; salary £5 to £8 per week, according to experience and ability; able to take on jobs from sketches; work includes domestic (stone, thatch, etc.) reconstructions and new housing estates (not Council), public houses, agricultural and some industrial work; state age, experience, etc. G. Forsyth Lawson, L.R.I.B.A., 25a, High Street, Banbury, Oxon. 561

**WANTED**.—Senior Assistant for Chartered Surveyor's Office in South of Ireland; capable of taking charge of complete work. Please state qualifications and salary required, Box 565.

**ARCHITECTURAL ASSISTANT** required immediately for priority housing. Reply, stating age, experience, salary, etc., to D. C. Denton-Smith, L.R.I.B.A., 40, Regent Street, Cambridge. 566

**ARCHITECTURAL ASSISTANTS** are required throughout the United Kingdom by several Government Departments, at salaries up to £550 per annum (including consolidated allowances), according to qualifications and experience. Non-established posts. Applicants, who should have had 5 years' of training and experience, should write, quoting EA/AA, to the Ministry of Labour and National Service, Technical and Scientific Register, Room 267, York House, Kingsway, London, W.C.2. 571

**LADY SHORTHAND TYPIST** (Junior) required for busy Architectural practice. Clark, 44, Gt. Russell Street, W.C.1. MUS. 0500. 573

Architectural Appointments Wanted

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

**ARCHITECT** (35), single, with good all-round experience in U.K. and abroad (tropics), desires post; anything except a full-time drawing board job considered; U.K. or abroad. Box 8.

**REGISTERED ARCHITECT**, with 16 years' experience, offers part-time assistance in preparation of rehousing schemes, rebuilding, or conversion of shops and commercial premises, surveys, war damage reports, etc. Box 18.

**INDUSTRIAL ENGINEER** (Buildings); qualified P.E. Canada, desires employment in Reading-London main line area; 15 years' English and Canadian experience; sound knowledge of building design, architectural details, plant layout and construction supervision. Box 19.

**ARCHITECT**. Chartered Structural Engineer and Property Valuator, 24 years' considerable experience quantities; preparing estimates, surveys, for any type of building, from domestic in heavy commercial types; held important Government executive post building and civil engineering; prepared to carry out designs, etc., and steelwork. Box 450.

**ARCHITECTURAL ASSISTANT** seeks permanent post on demobilisation from H.M. Forces in August; probationer R.I.B.A. (sitting for Inter. in November); 5 years' pre-war experience, 4 years in Army drawing office. F. G. Pain, 43, Naishes Street, Frome, Somerset. 20

**EXPERIENCED Architectural Assistant** (31) desires spare-time employment; evenings and week-ends; any type work; London area considered; home or office as required. Box 21.

**DRAUGHTSMAN**, neat and accurate, with several years' experience in measuring premises, preparing plans, tracing, etc., requires a post in East, North, or Central London area. Box 23.

**ARCHITECTURAL ASSISTANT** (male), 6 years' experience domestic and commercial work, thoroughly competent, able to execute working drawings, 1/2 in. and full size details, sketch plans, etc., also surveying and levelling, supervision of works in progress, and slight knowledge of quantities and specifications, desires situation with firm which can offer suitable accommodation; anywhere considered; salary moderate. Box 22.

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**ARCHITECT** requires small Office or Unfurnished Flat in Bloomsbury area, or small residential studio. Reply R. P., c/o 2, Stratford Studios, Stratford Road, W.8. 562

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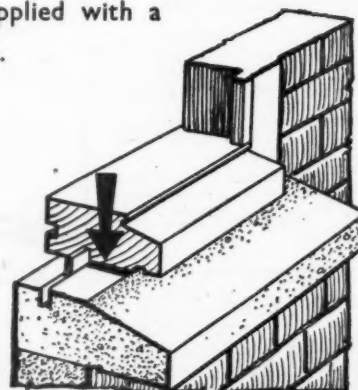
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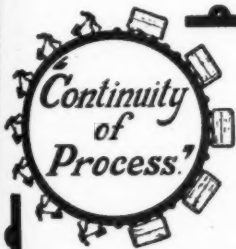
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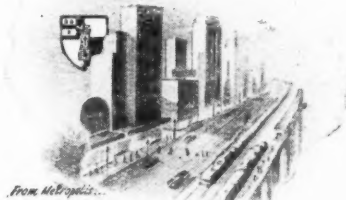
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