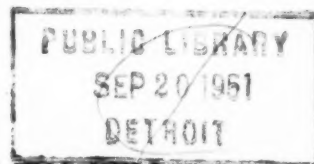


THE ARCHITECTS' JOURNAL

LANSBURY SPECIAL NUMBER

PRICE ONE SHILLING



THE VERSATILITY OF STEELWORK

This massive steelwork is for the new Blackwall Point power station and incorporates the coal bunkers.

Consulting Engineers:
Merz & McLellan.
Photo by courtesy of B.E.A.

In contrast with this is the slender structure in the lower view, of a factory for the Durham China Co. Ltd. It is reproduced by courtesy of North Eastern Trading Estates Ltd. The completed building is 600 ft. long and consists of three clerestory spans and a transverse bay, with several lean-to buildings.



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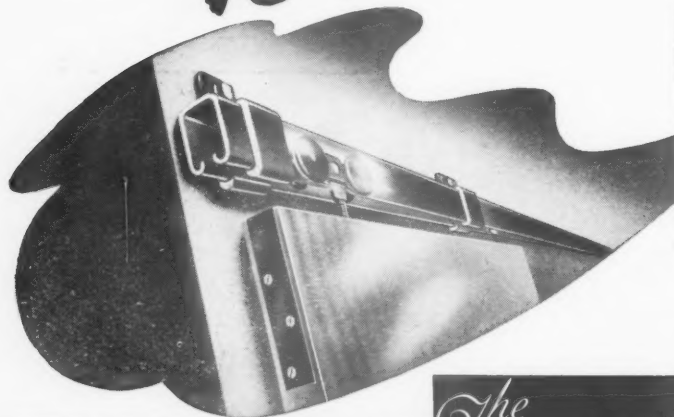
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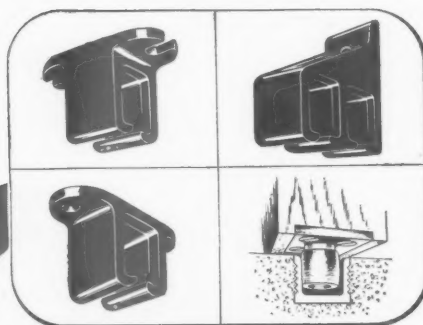
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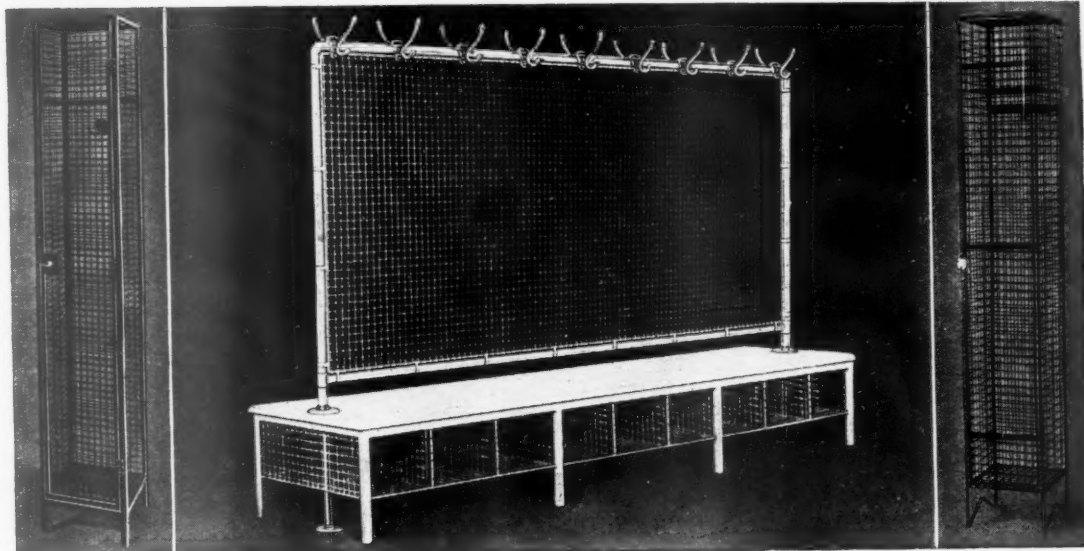
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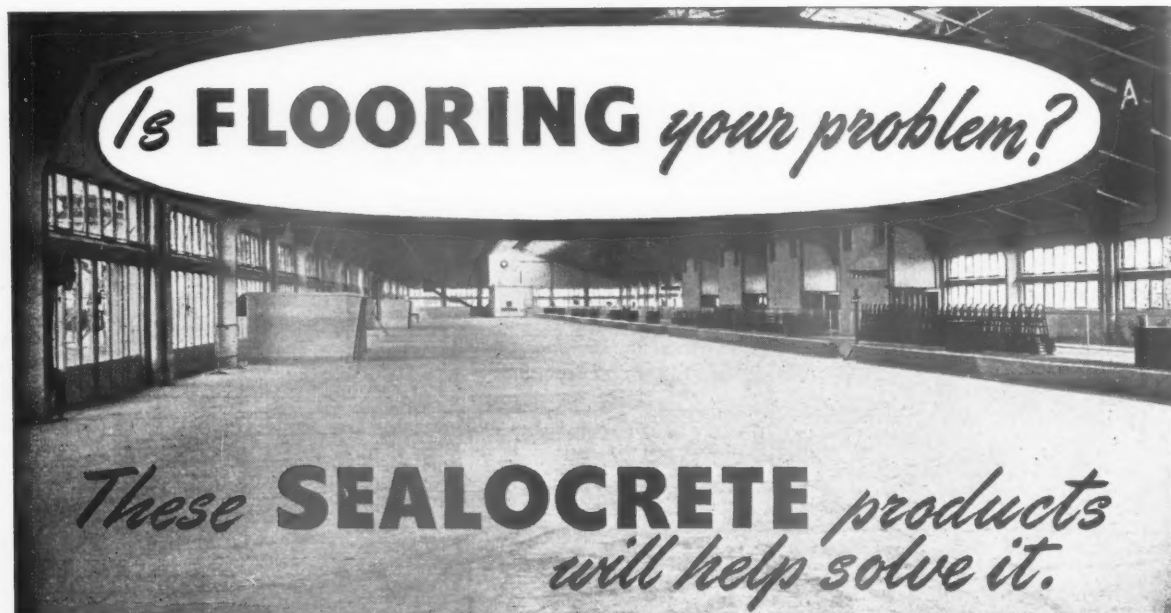


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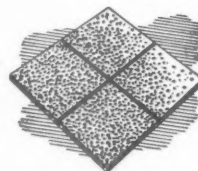
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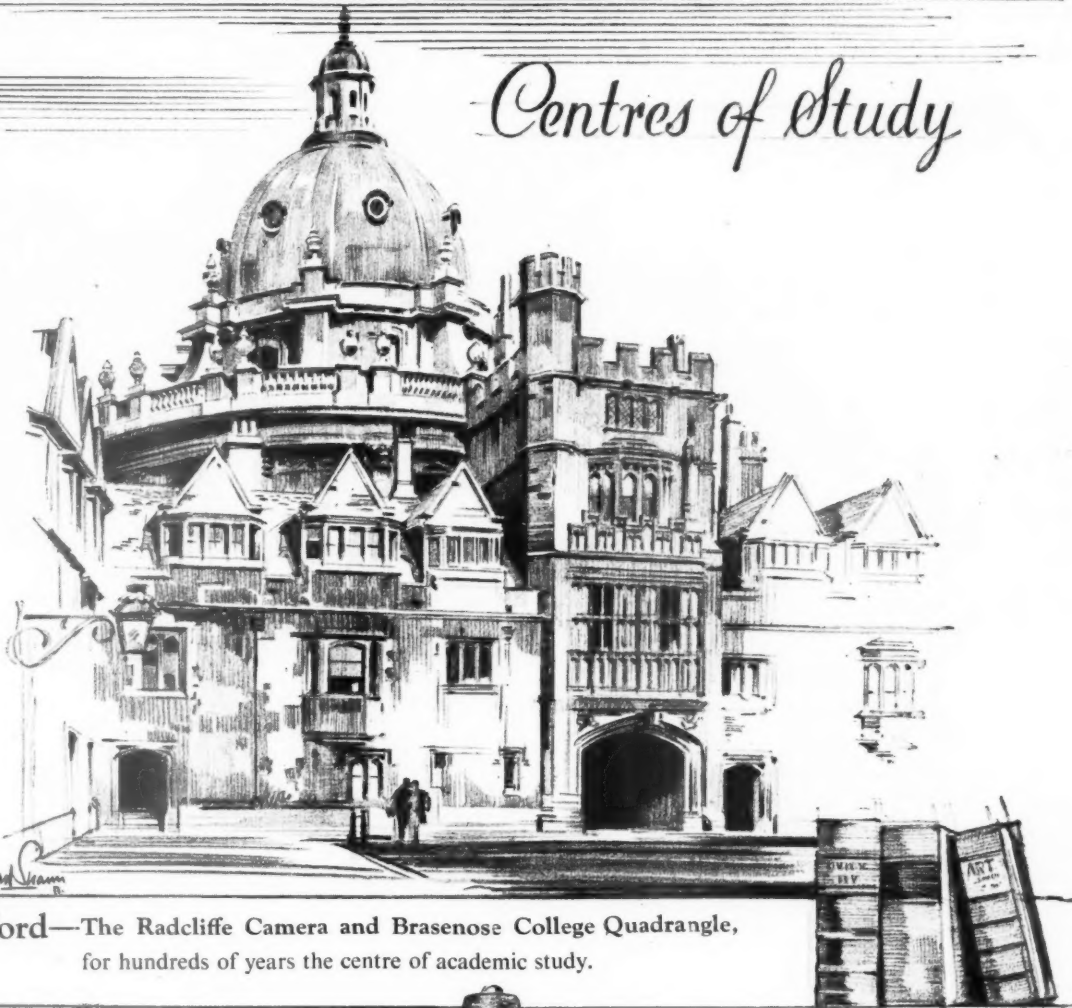
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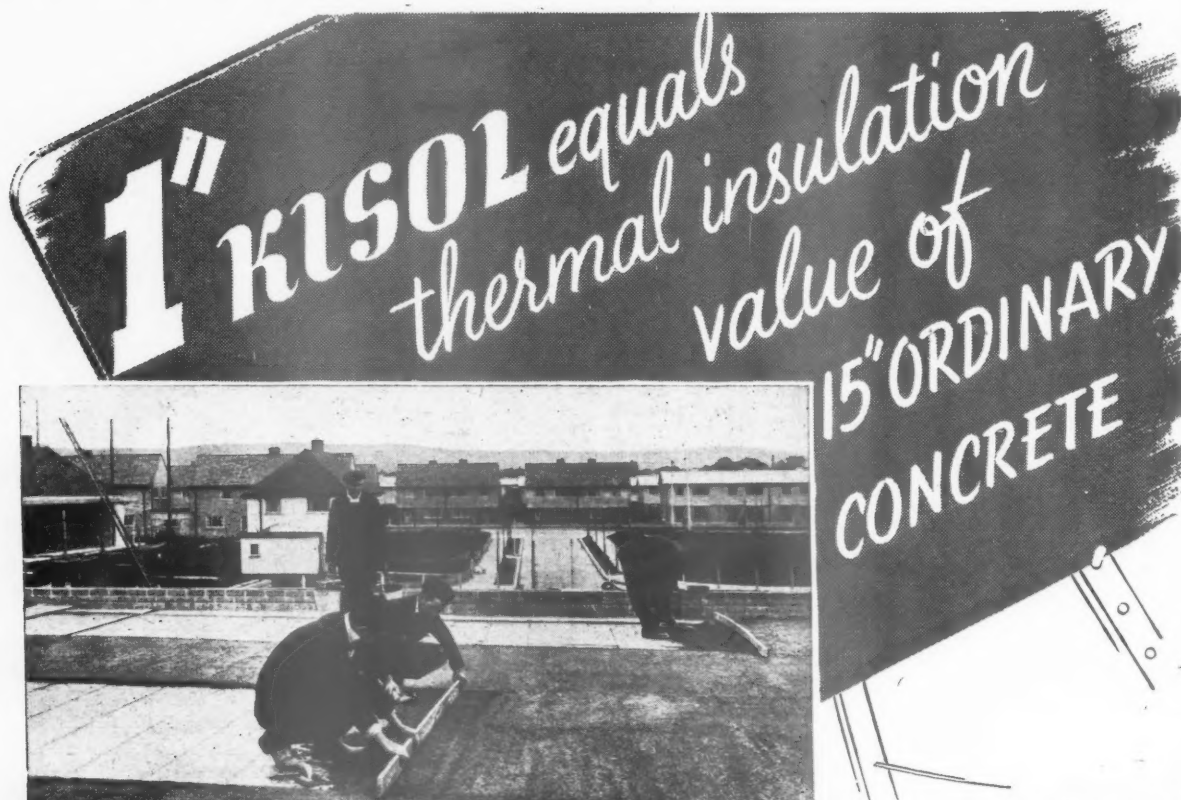
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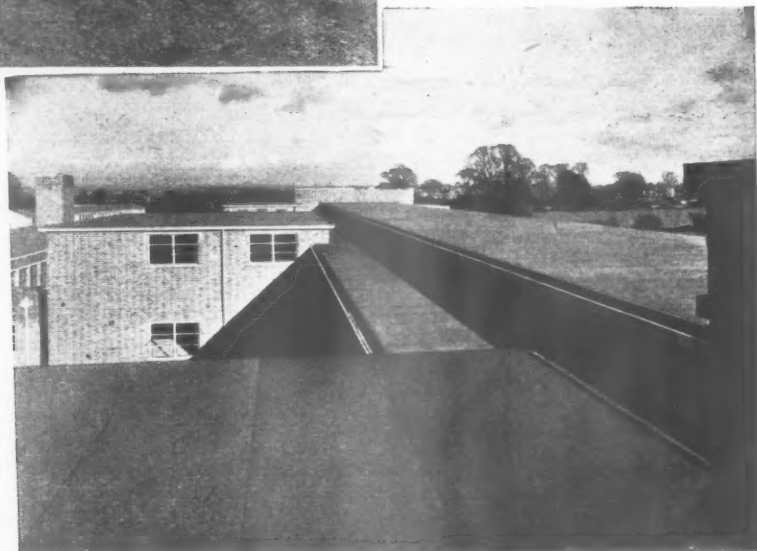
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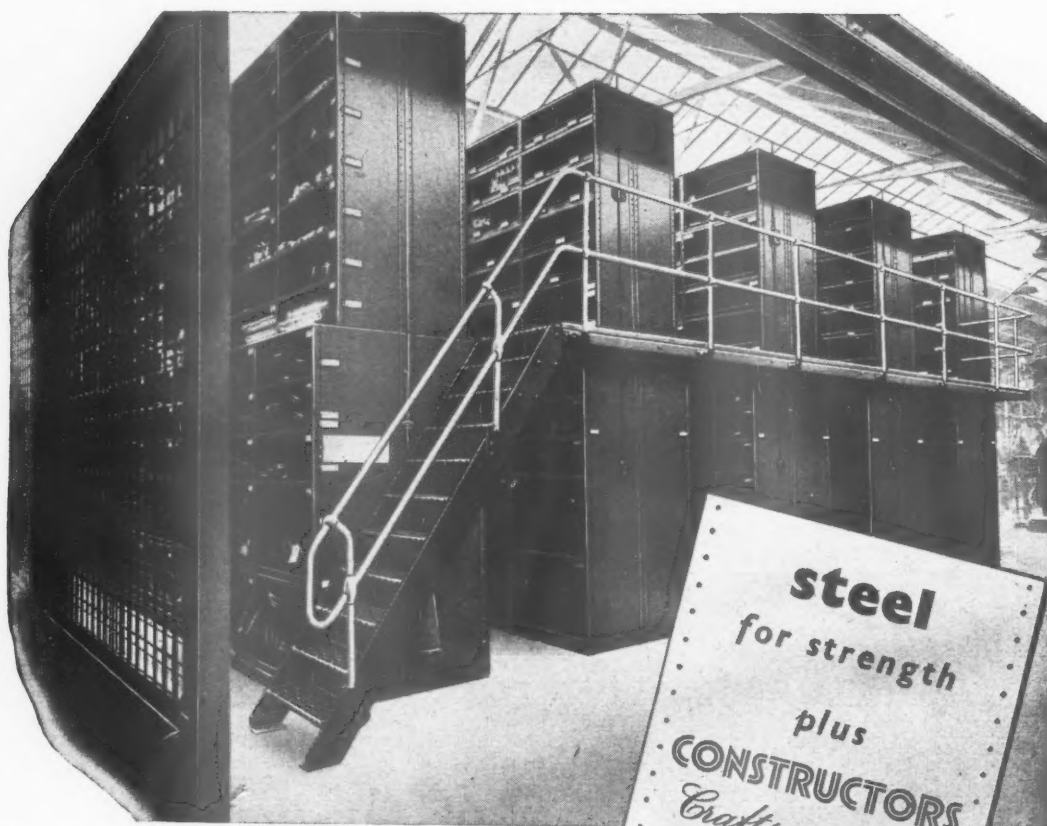
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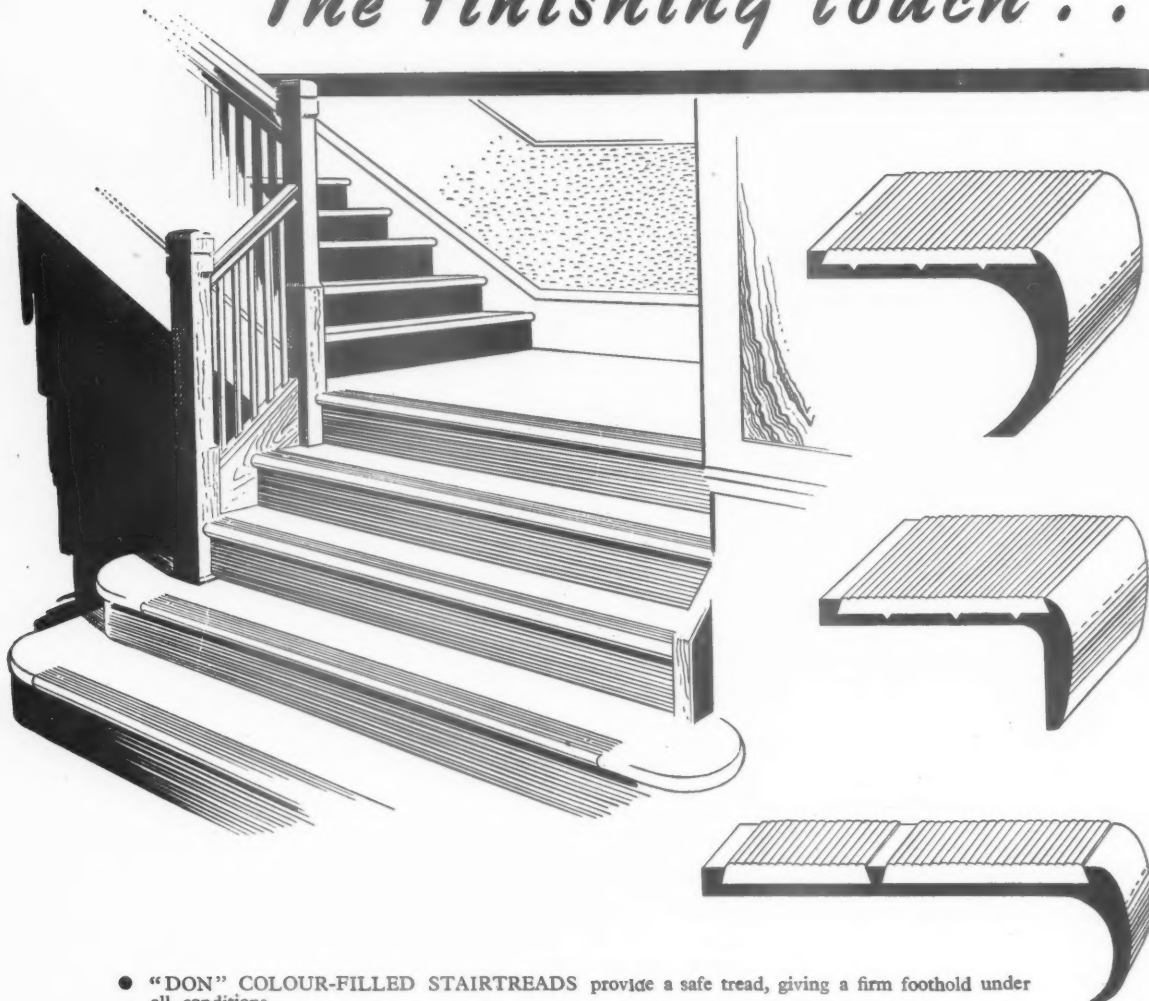
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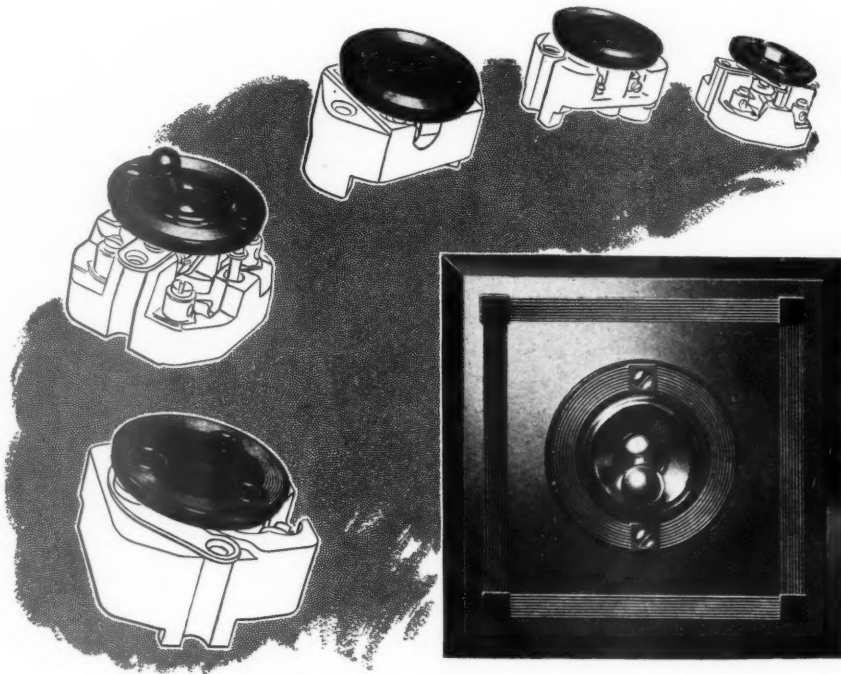


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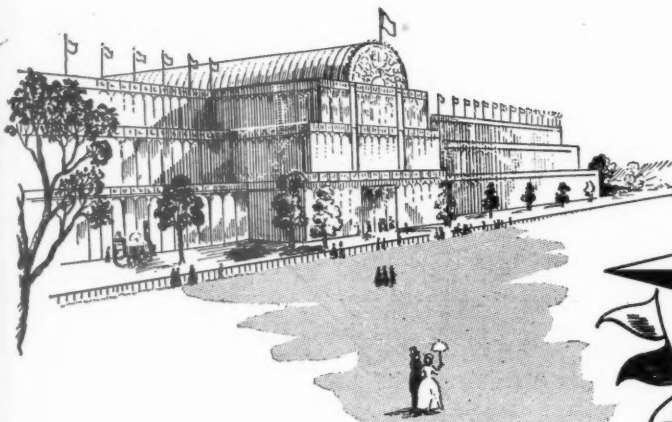


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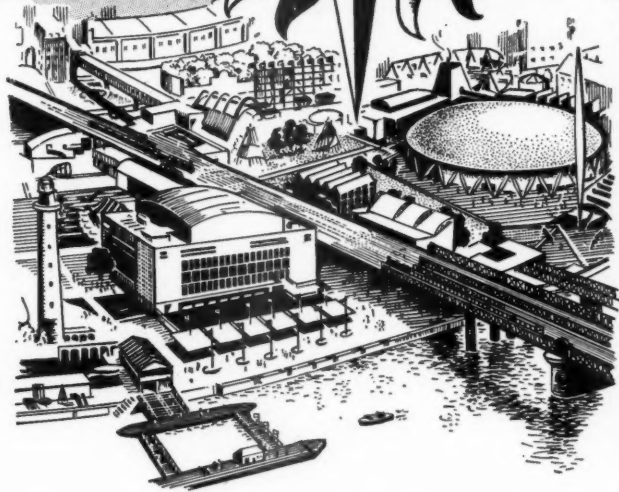
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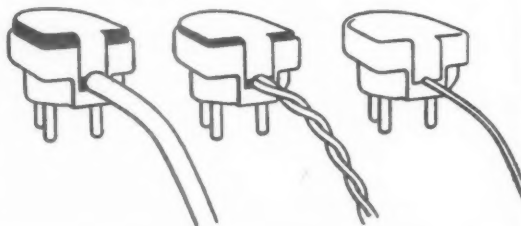
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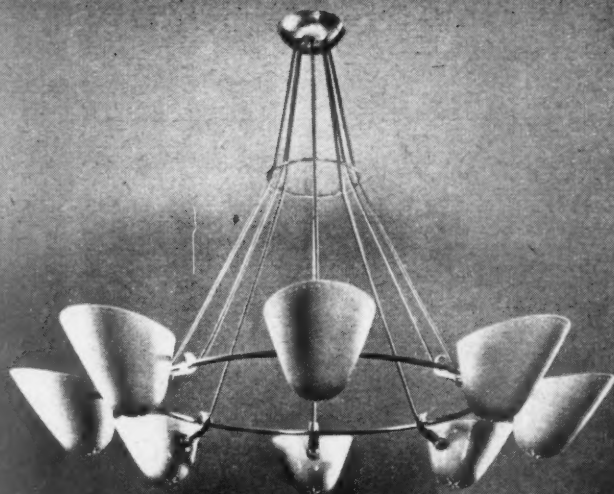
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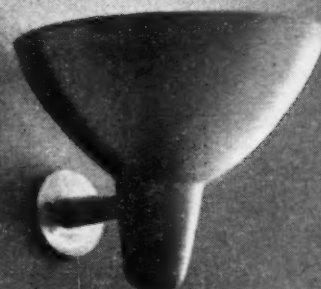
THERMALITE was developed in the laboratories of John Laing and Son Limited and is manufactured in Great Britain under British Patents—648280 and 648299. Thermalite is patented throughout the world.



FW. 16/R BRACKET. Fixed. Small metal reflector. Finishes: reflector, off-white; backplate, satin chromium. Lamp: up to 60 watts.



FV. 118/R PENDANT. Eight-light ring with large metal reflectors. Finishes: reflectors and supports, off-white; remainder, satin brass. Flexible cords, white. Lamps: up to 8 x 100 watts.



FV. 51/R BRACKET. Adjustable metal reflector. Finish: all off-white. Lamp: up to 150 watts.

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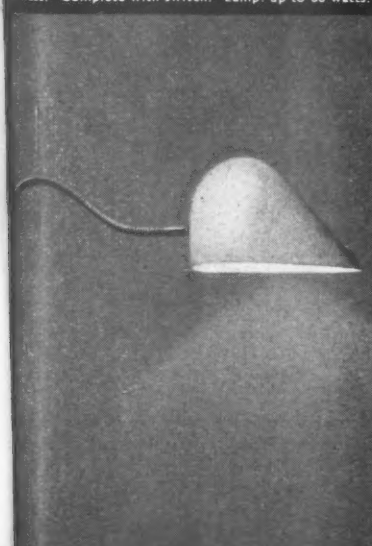
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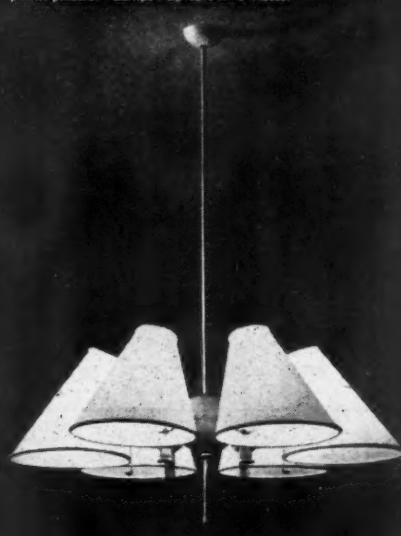
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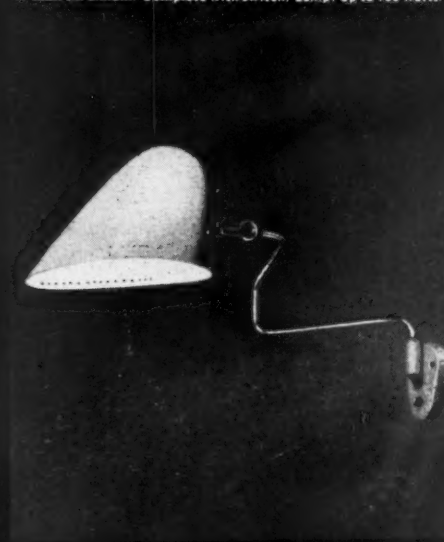
FW. 16/R BRACKET. Adjustable small unpierced reflector. Finishes: reflector and backplate, off-white; arm, satin brass. Complete with switch. Lamp: up to 60 watts.

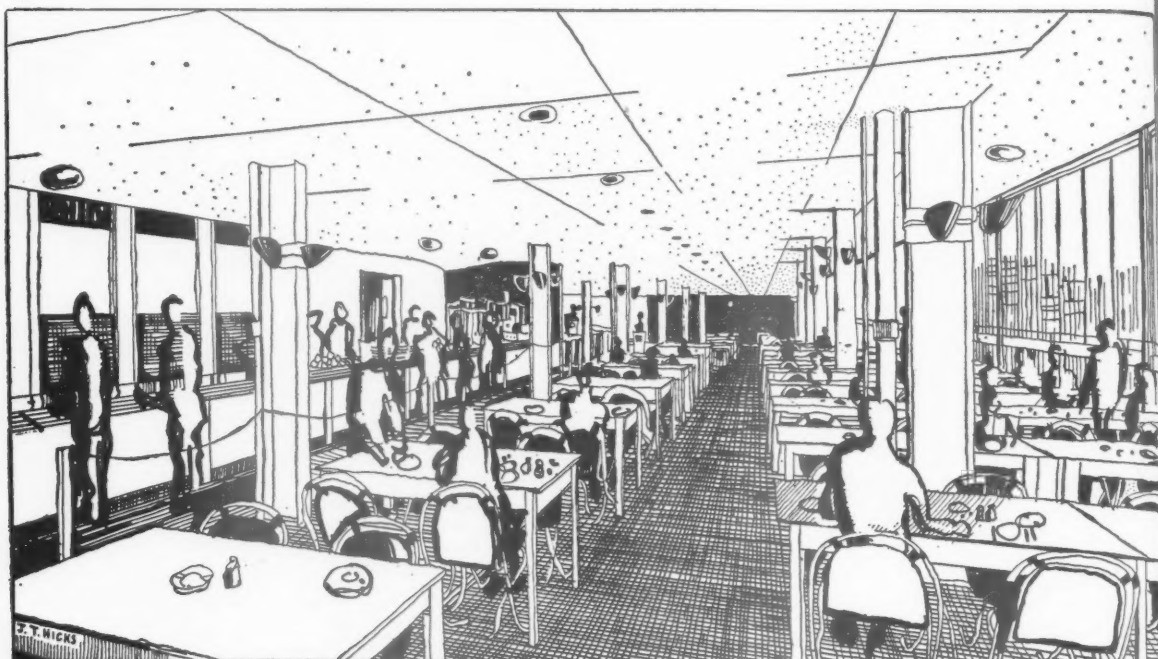


FV. 16/S PENDANT. Six-light. Shades with turning arms. Finishes: centre body and ceiling plate, off-white; remainder, satin brass or satin chromium. Shades: ivory or peach plastic. Lamps: up to 6 x 75 watts.



FV. 2/R BRACKET. Adjustable arm. Large metal reflector. Finishes: reflector and backplate, off-white; arm, satin brass or satin chromium. Complete with switch. Lamp: up to 100 watts.





An impression of the Staff Canteen in the South Bank Administration Building.

Architect: Edward D. Mills, F.R.I.B.A., F.R.S.A.

Gas Caters for the South Bank Staff

In addition to providing the main source of heat for cooking and hot water in the various restaurants, buffets and cafés which cater for the needs of visitors to the South Bank Exhibition, gas is used exclusively in the preparation of meals and refreshments for the entire Exhibition Staff of some 1,200.

The sketch shows part of the cafeteria service canteen which seats 400 and serves full meals. This is situated on the third floor of the general administration building which incorporates lavatories, rest rooms, cloakrooms, workshops and offices.

There is also a self-service snack bar and an executives' dining room, which brings the total seating accommodation up to approximately 600.

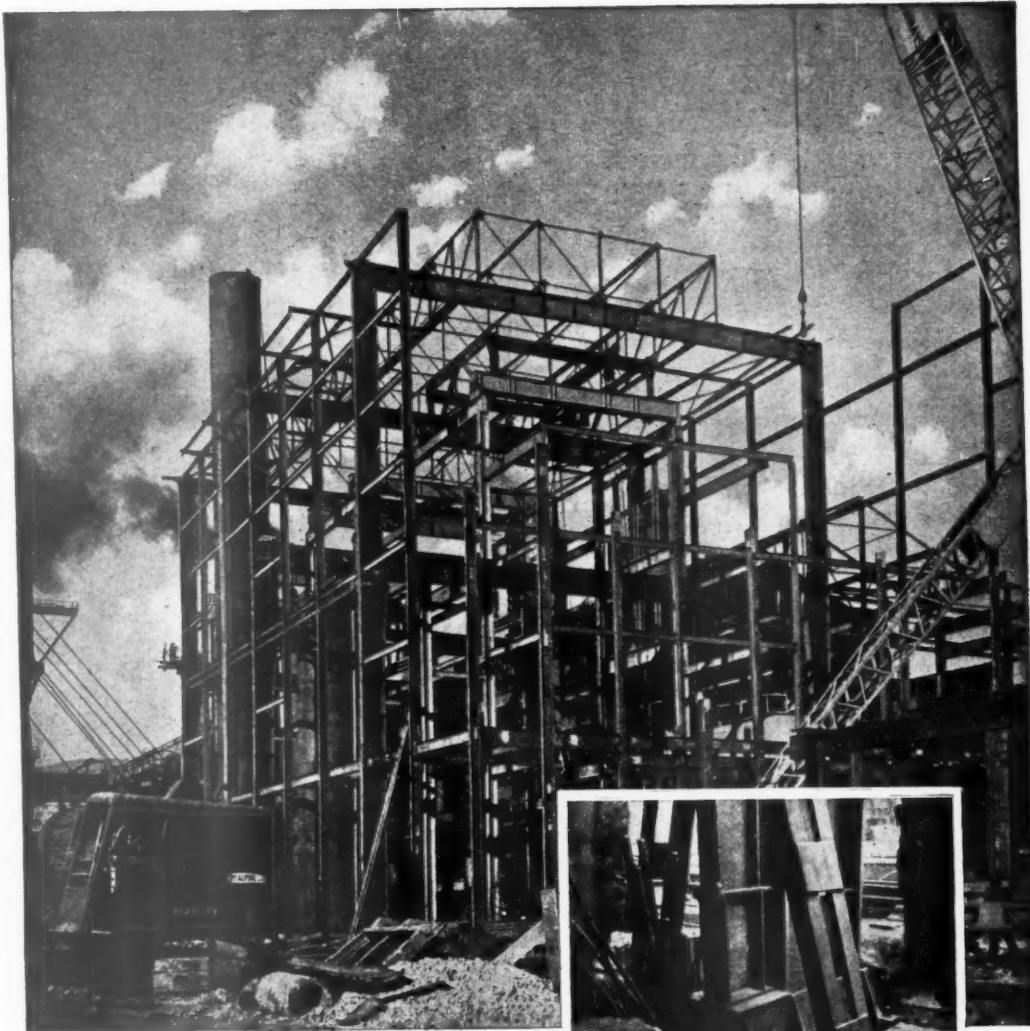
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Consulting Engineers : W. S. Atkins & Partners

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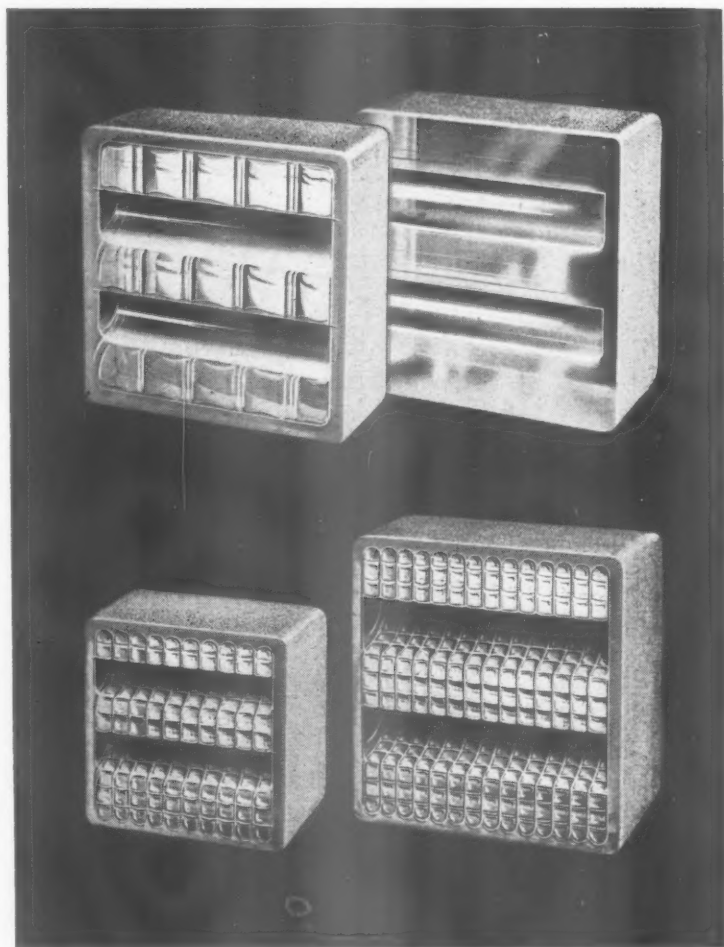
The 'Ventiblock' solves the problem of ventilating Glass Block installations. It is also widely used independently where permanent ventilation and light transmission are required.

THE CLARK-EATON ALL-GLASS 'VENTIBLOCK'

incorporates two air passages; internal baffles prevent a direct draught without impeding the free flow of air, exclude driving rain, and obscure vision. The new patterns have a FLAT BASE, facilitating fixing, and are also designed to receive a detachable ANTI-FLY SCREEN, which can be supplied if required. An OPENING AND CLOSING DEVICE is in course of development.

Specify TYPE 2 to go with PB2 Hollow Glass Blocks, TYPE 3 for PB3, TYPE 32 for PB32.

The 'Ventiblock' is supplied through the usual Trade channels.



(Top) Type 3 (Fluted on one face). Size $7\frac{1}{4}'' \times 7\frac{1}{4}'' \times 3\frac{1}{2}''$

(Bottom, left) Type 2. Size $5\frac{1}{4}'' \times 5\frac{1}{4}'' \times 3\frac{1}{2}''$ (Bottom, right) Type 32. Size $7\frac{1}{4}'' \times 7\frac{1}{4}'' \times 3\frac{1}{2}''$

Patent Nos. 552195 583552. Further patents pending.
Designed by Lethieullier Gilbert, A.I.A.A., L.R.I.B.A. and
L. James Hobson, A.R.I.B.A.

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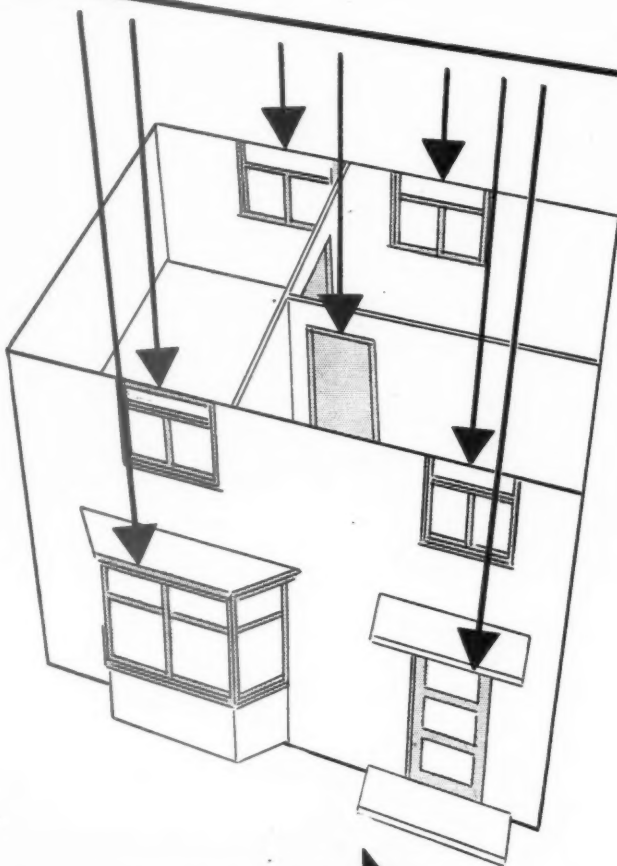
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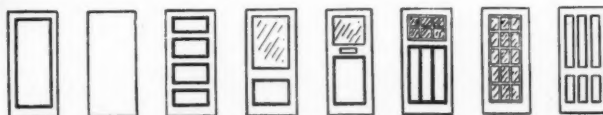
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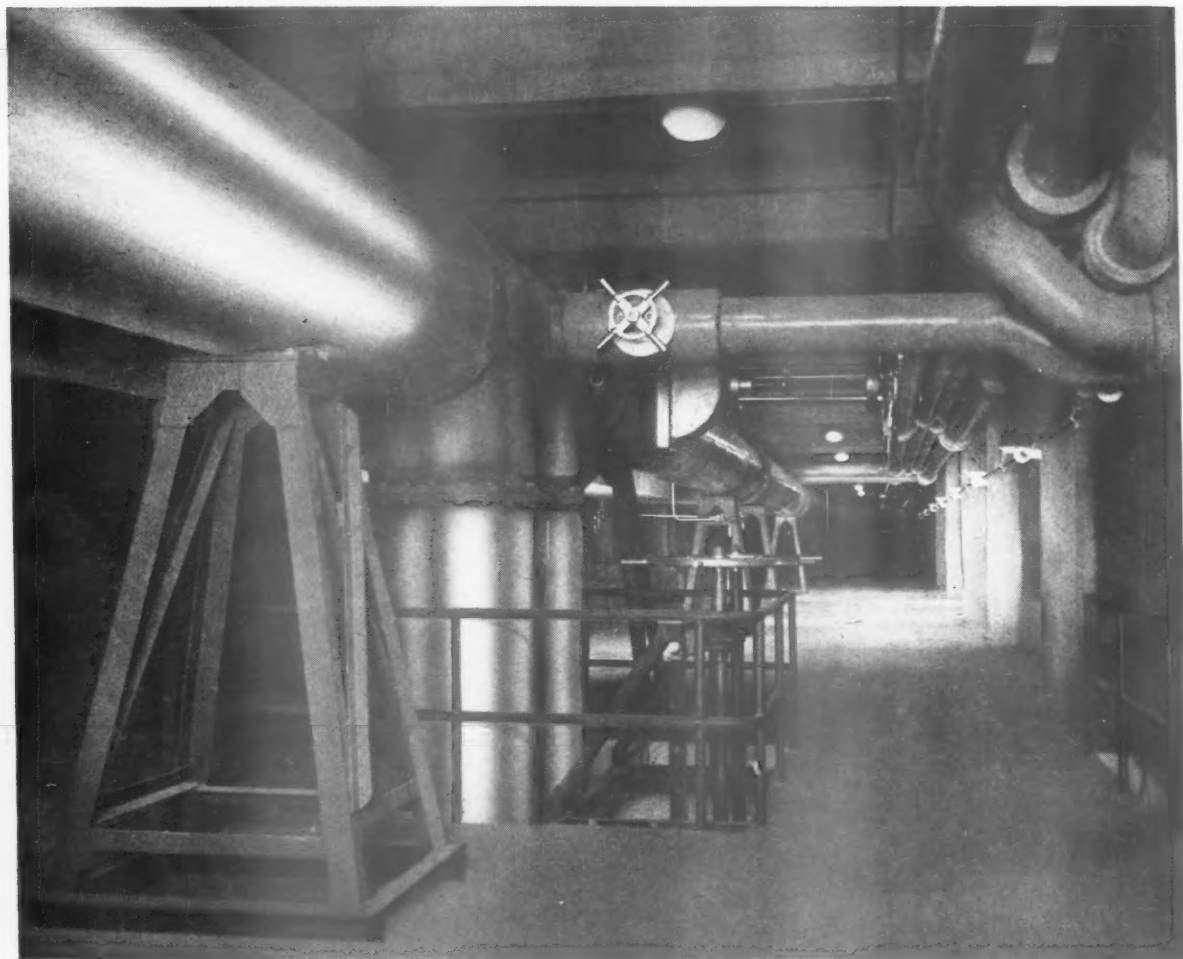
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whatever the shape

Architects know that in this age of transition, rapid changes to the original planning of buildings are often necessary. Steelwork is well adapted to these alterations, and the experience and technical skill of those responsible for BOOTH STEELWORK will be found invaluable in these circumstances.



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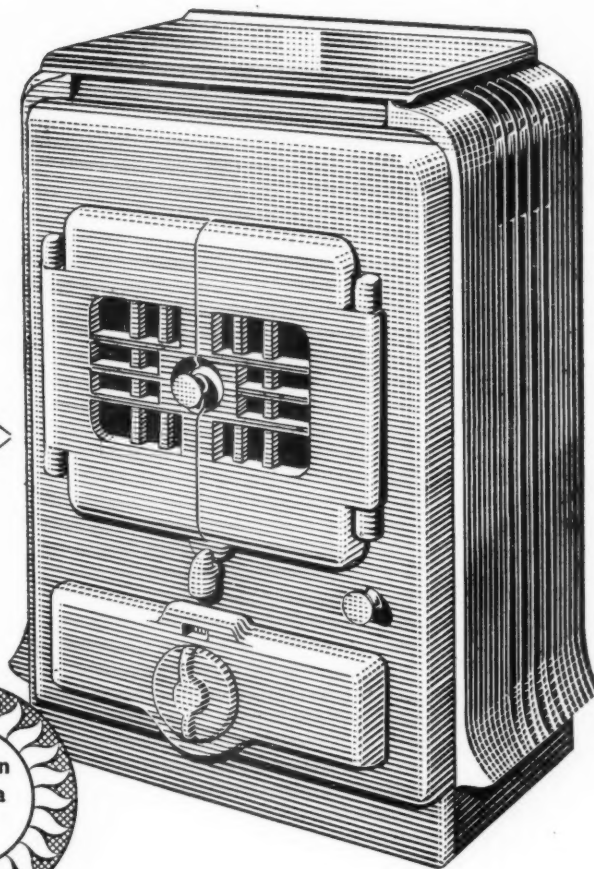
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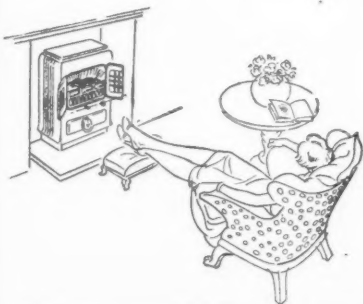


With the pressing national call for fuel economy, it was hardly surprising that Radiation 'Siesta' Model Stoves, providing the most economical form of space and water heating yet devised, should have been widely used in Government sponsored housing schemes. Economy is not, however, the only

advantage of this remarkable stove; it has won genuine popularity for its cleanliness, good appearance, ease of operation and reliability. Technical details and fixing instructions will gladly be supplied. Please address enquiries to the Solid Fuel Division of Radiation Group Sales Ltd., Leeds 12.

Radiation "Siesta" 2a Model can be supplied either free-standing or built in. With or without water-heating boiler. Night and day burning on any of the usual domestic solid fuels. Capable of heating a room of up to 2,000 cu. ft. with boiler, or 3,000 cu. ft. without boiler.

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Originality



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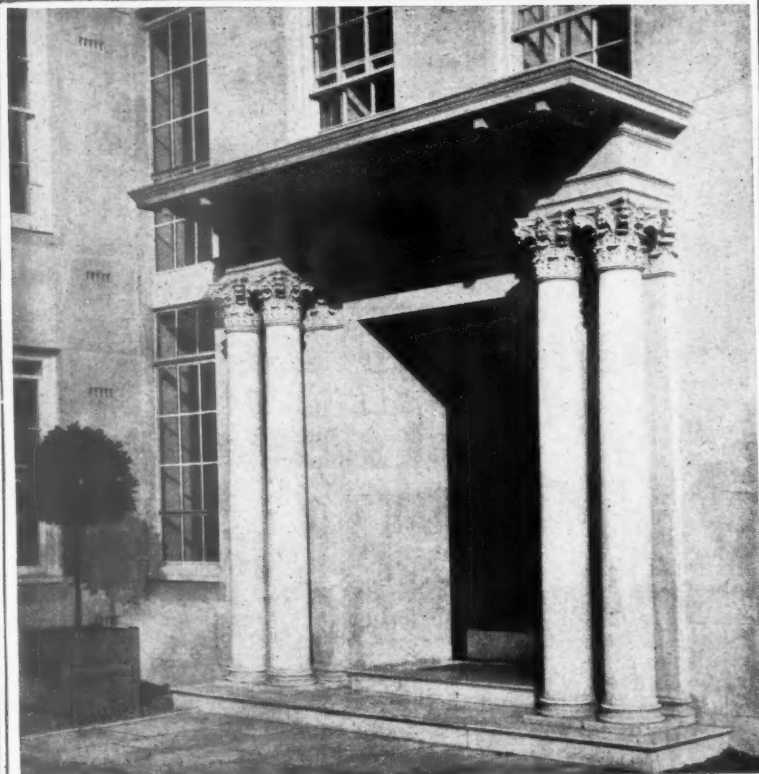
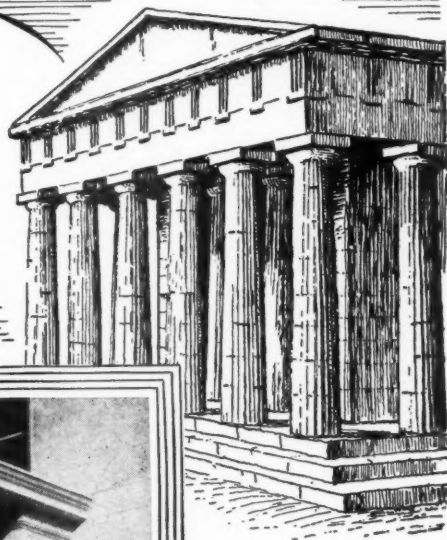
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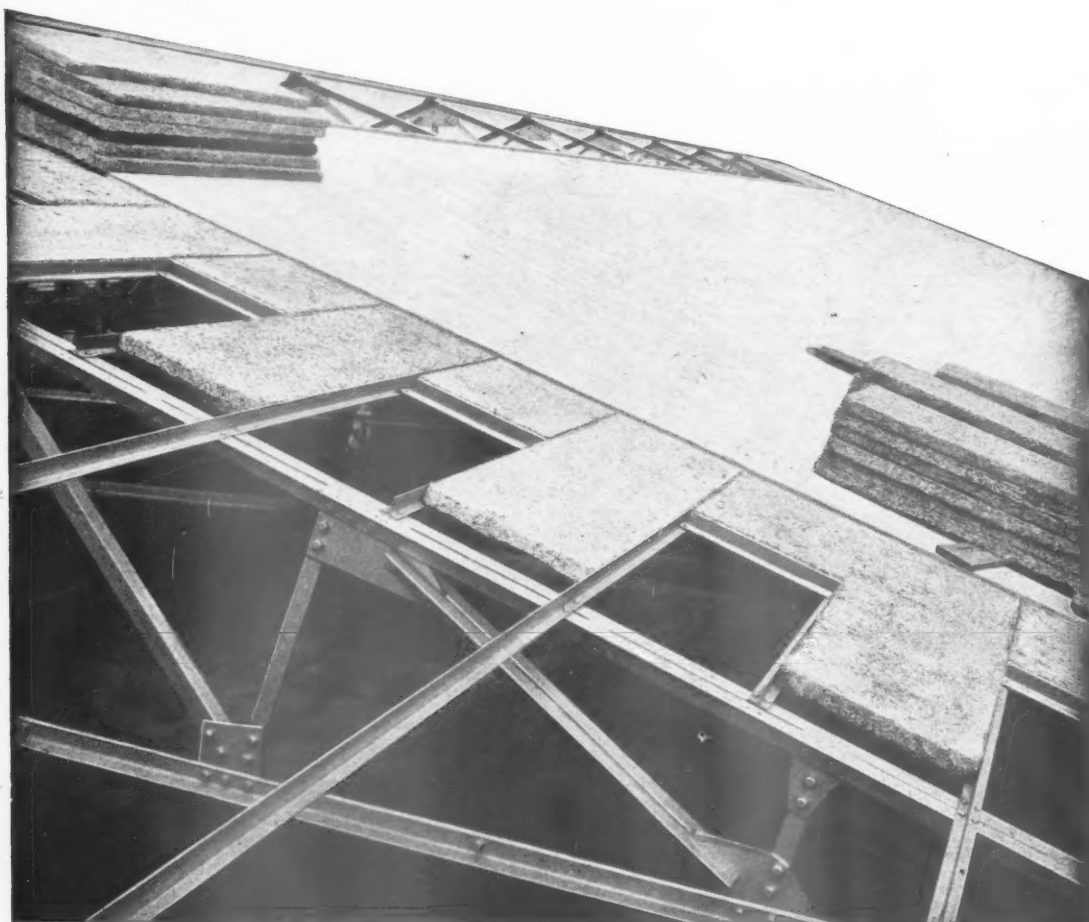
The Modern Classic in Masonry



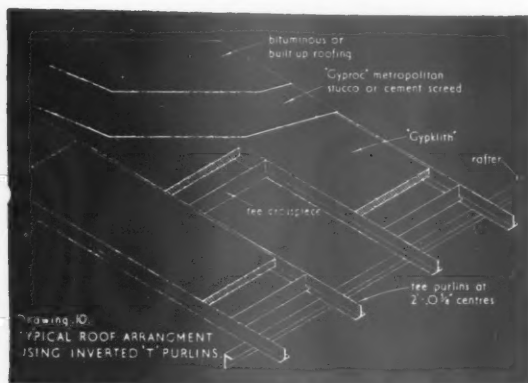
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Registered Trade Mark
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Typical roof arrangement using inverted "T" purlins

In the building illustrated, GYPKLITH is supported between purlins of inverted "T" section, spaced at centres equal to 2 ft. plus the web thickness and bolted direct through the flange to the trusses.

The top surface of the GYPKLITH is screeded with GYPROC Metropolitan Stucco ready for finishing with bituminous roofing.

The underside of the GYPKLITH is left untreated in order not to impair its sound absorbent properties. A relatively smooth finish can, however, be obtained by brushing GYPKLITH Surface Filler over the underside of the slabs before fixing in place.

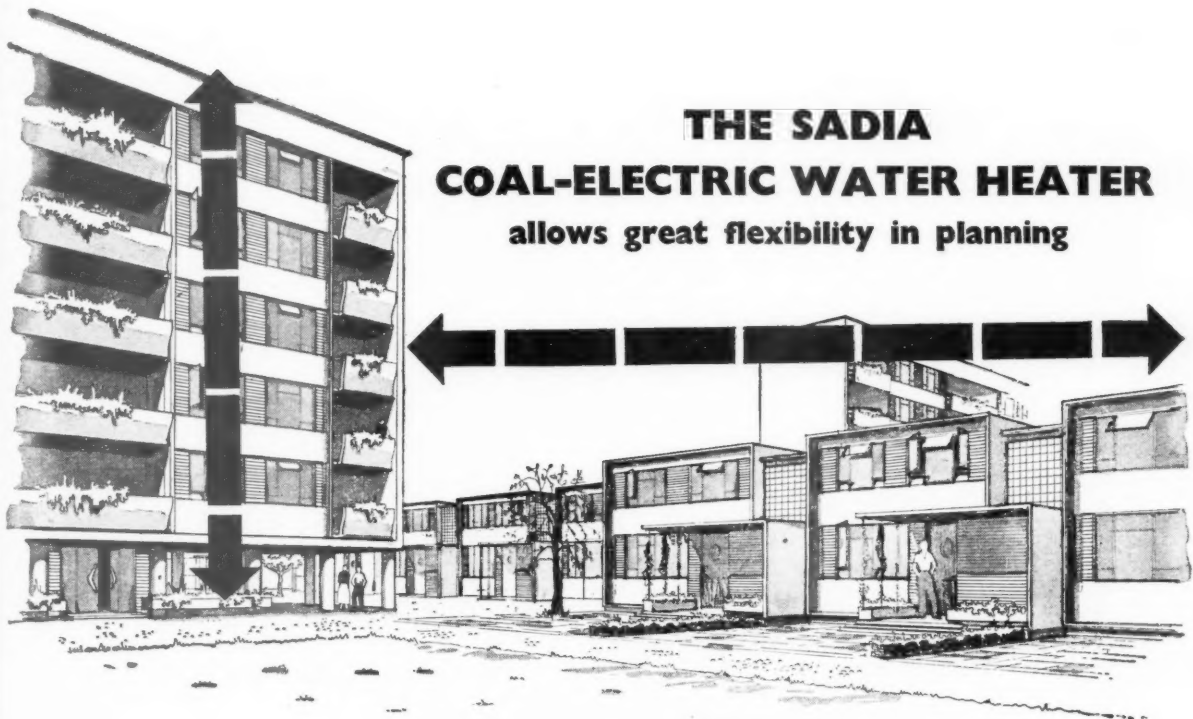
The thermal transmittance "U" value of this roof construction, using 3" thick GYPKLITH, is 0.15 B.Th.U's per sq. ft. per hour per 1°F difference in temperature.

Further information about this and other GYPKLITH products or systems will gladly be supplied.

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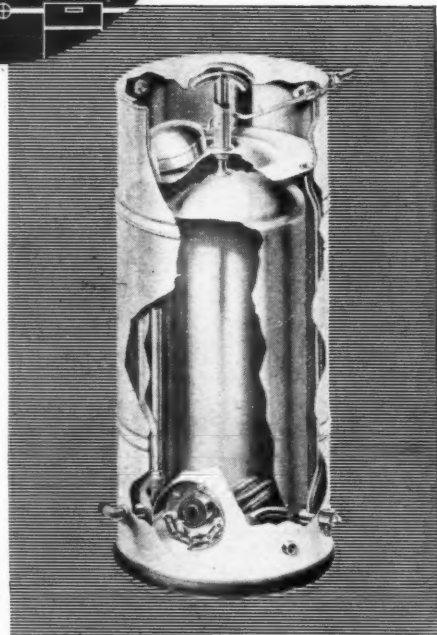
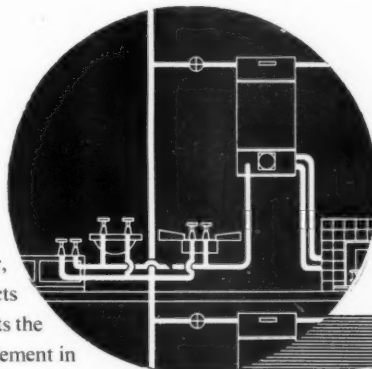
THE SADIA COAL-ELECTRIC WATER HEATER

allows great flexibility in planning

The Sadia coal-electric water heater is suitable for both houses and flats, and can be used either with a back-boiler or an independent boiler. It is a water heater planned to make the best use of available fuels. During winter, when fires are lighted, the Sadia coal-electric water heater acts as a storage tank, the back-boiler or the solid-fuel boiler heats the water, and the thermostatically controlled electric heating element in the Sadia coal-electric water heater takes over only when the fire dies down. In summer, no fires need be lighted, electricity takes over completely, and the house keeps cool.

The Sadia coal-electric water heater is the only factory-built unit of its type; made by water heating specialists it is the result of the accumulated experience of many years in this particular field. Efficiently insulated, it increases the effectiveness of the solid fuel boiler to which it is connected. When installed in blocks of flats, the patented self-venting and self-filling calorifier makes for simplified plumbing. One common down-service pipe can supply all the Sadia water heaters.

Aidas Electric Ltd., the makers of the Sadia coal-electric water heater, are always very glad to give specialist advice on all aspects of water heating to architects when they are preparing plans.



**Aidas Electric Ltd., Sadia Works,
Rowdell Road, Northolt, Middlesex.**
Scottish Agents: W. Brown & Co. (Engineers) Ltd.,
89 Douglas Street, Glasgow, C.2. Manufactured in
South Africa by Sadia Water Heaters (Pty.) Ltd.,
3-5 Newton Street, Village Main, Johannesburg.

SADIA
HOT WATER BY
ELECTRICITY

Where are the BRICKS going?

4: POWER STATIONS

The new generating stations are of massive proportions and necessarily conspicuous. They have received much thought from the aesthetic standpoint, and the bricks used have been carefully selected to harmonise with their surroundings.

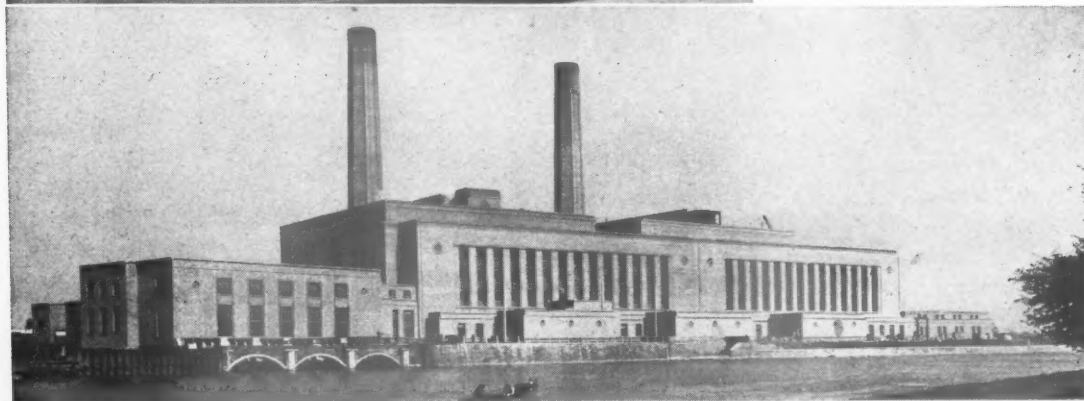
The high-priority requirements of the British Electricity Authority, added to the urgent demands for Houses and Flats, Schools, Office Blocks, Industrial and many other types of building, have taxed the resources of the brick industry. Production is increasing in the face of many difficulties, and a steady improvement in the supply position is assured.



Above: Portion of Croydon Power Station, under construction.
Architect: Robert Atkinson, F.R.I.B.A.



Left: Stourport 'B' Power Station.
Architects: Farmer & Dark, F/R.I.B.A.



Below: Staythorpe Power Station.
Architect: T. Cecil Howitt, D.S.O., O.B.E., F.R.I.B.A.

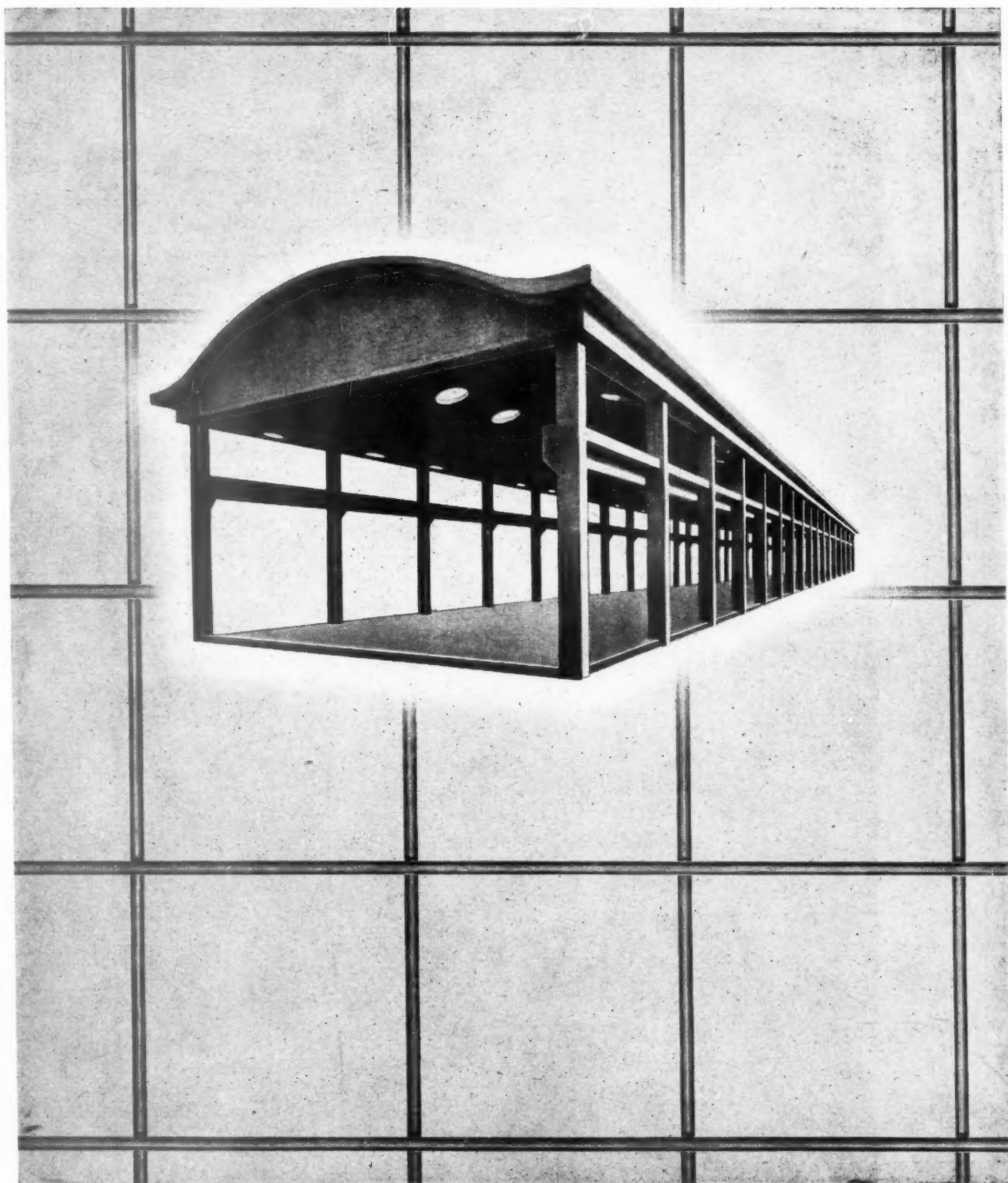
BRICK

The Modern Building Material

Photographs
by courtesy of
British Electricity Authority

Issued by
The National Federation of Clay
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DESIGNS AND REINFORCEMENT



TWISTEEL REINFORCEMENT LIMITED

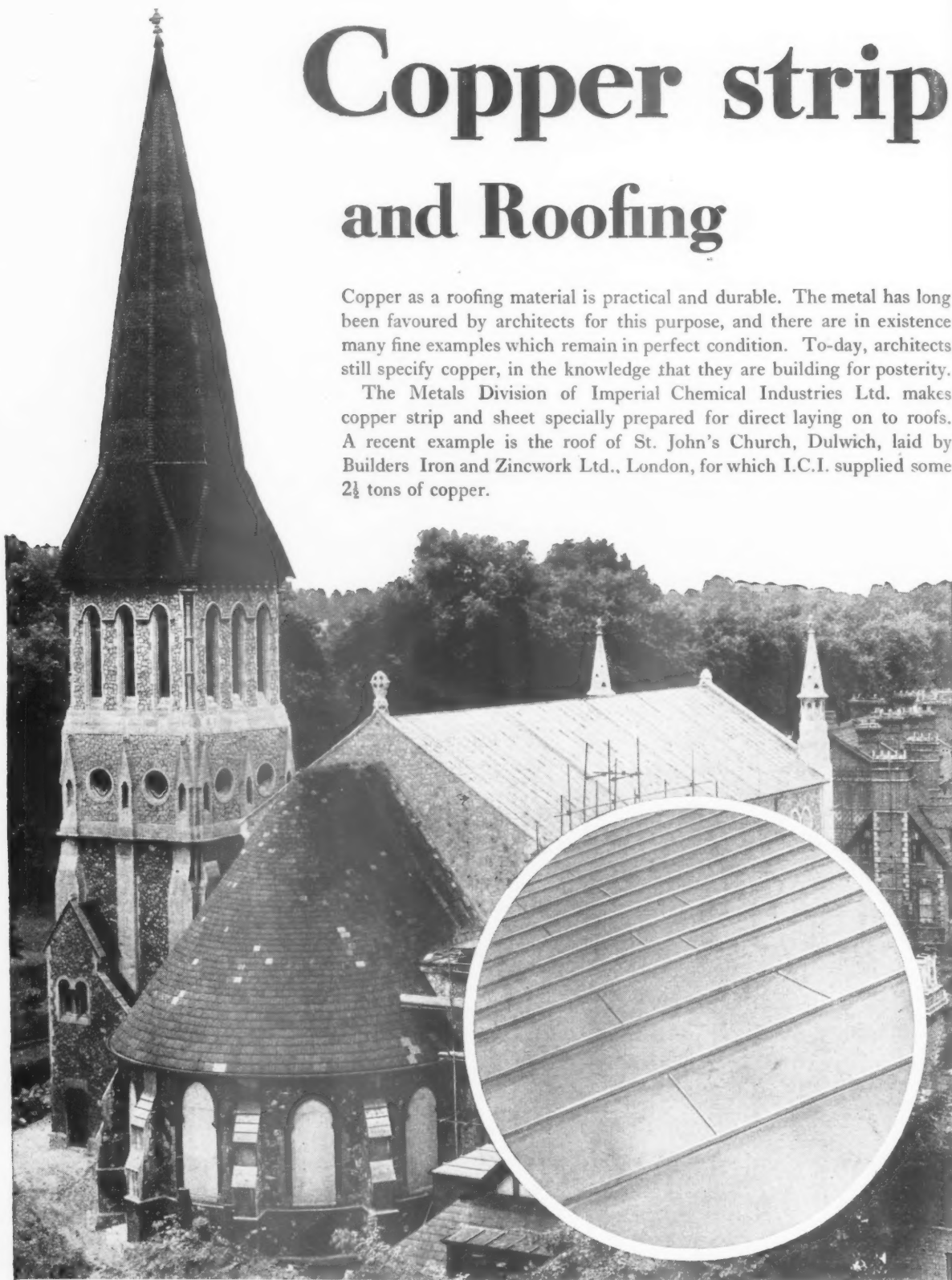
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MANCHESTER: 7 OXFORD ROAD, MANCHESTER, 1. Tel: Ardwick 1691.

BIRMINGHAM: ALMA STREET, SMETHWICK, 40. Tel: Smethwick 1991.
GLASGOW: 146 ARGYLE STREET, GLASGOW, C.2. Tel: Central 4551.

Copper strip and Roofing

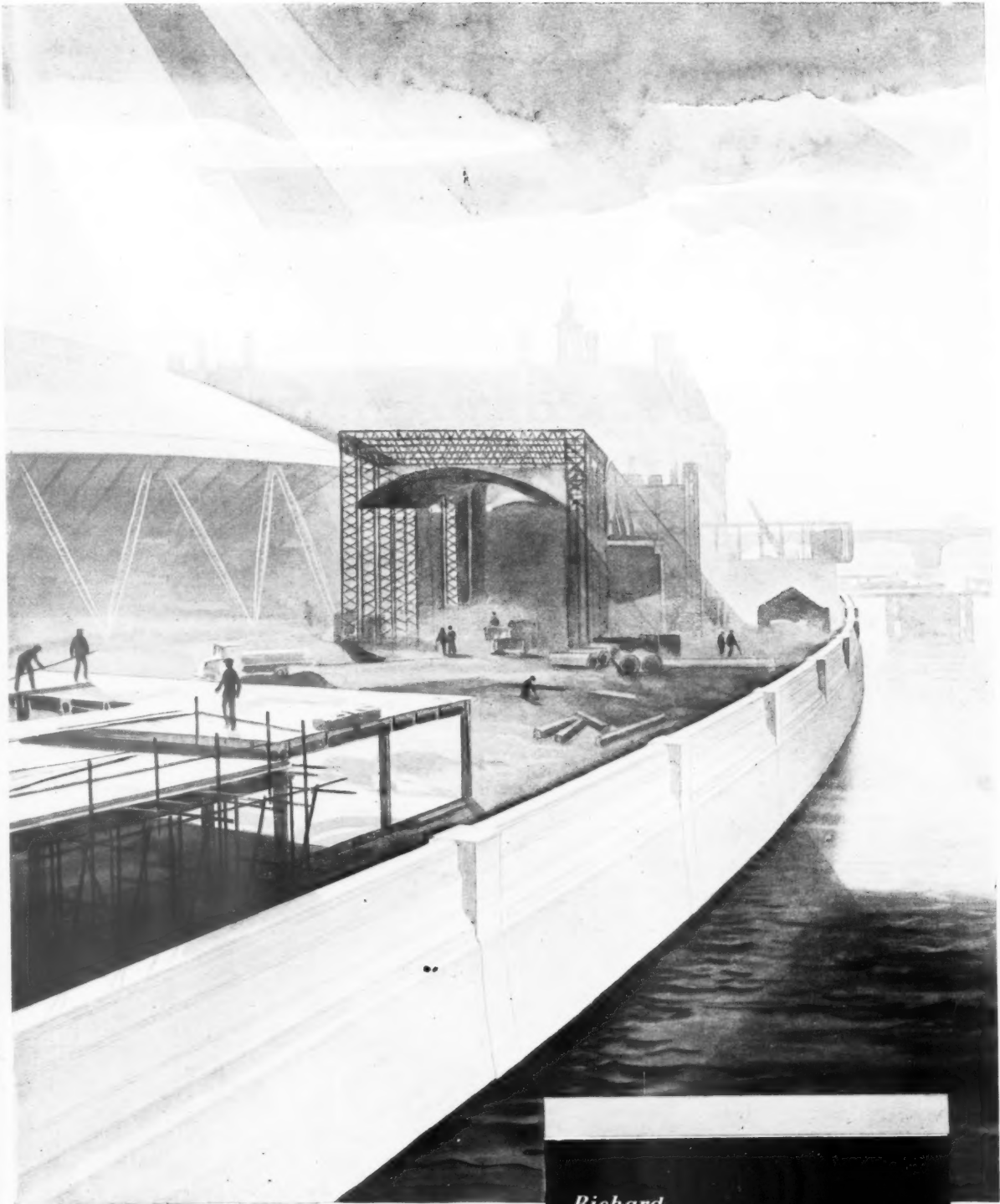
Copper as a roofing material is practical and durable. The metal has long been favoured by architects for this purpose, and there are in existence many fine examples which remain in perfect condition. To-day, architects still specify copper, in the knowledge that they are building for posterity.

The Metals Division of Imperial Chemical Industries Ltd. makes copper strip and sheet specially prepared for direct laying on to roofs. A recent example is the roof of St. John's Church, Dulwich, laid by Builders Iron and Zincwork Ltd., London, for which I.C.I. supplied some 2½ tons of copper.



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The modern Nursery Schoolroom calls for comfort and colour. The floor must also stand hard and constant cleaning. It must be hygienic and waterproof, yet warm and not tiring to feet. In this unusual design, Marley floor tiles have been used to provide an inexpensive solution to all these problems.



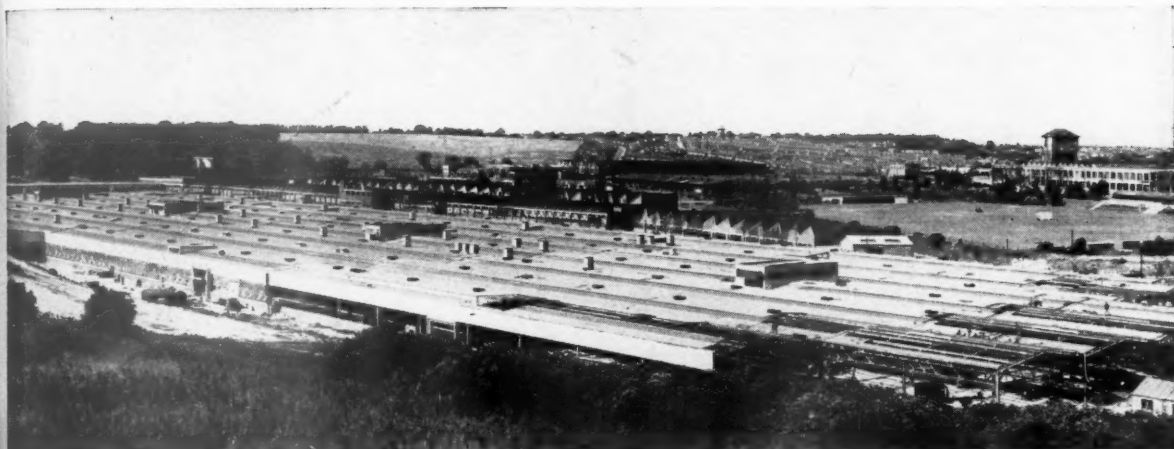
Cock o' the walk

The Marley Tile Co. Ltd., London Rd., Riverhead, Sevenoaks, Kent. Sevenoaks 2251-6

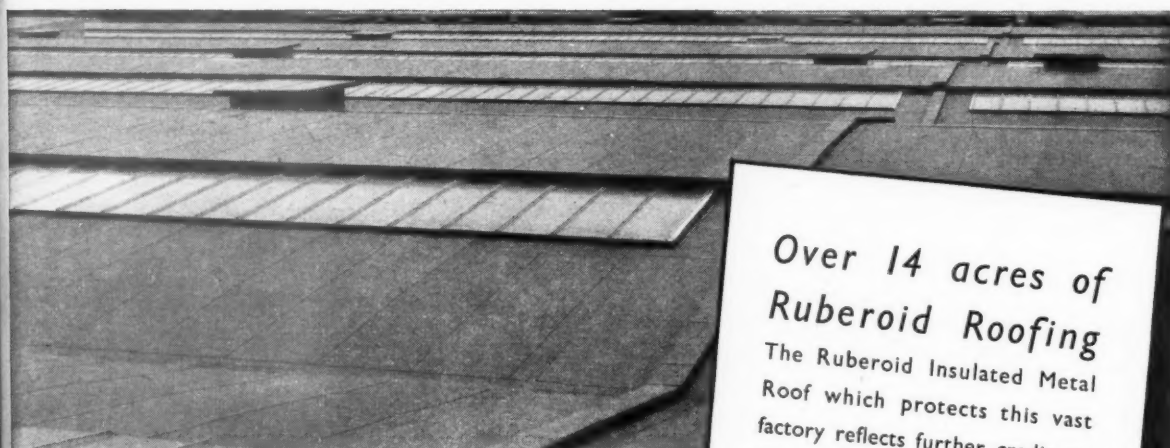
xxxviii

MARLE

ROOFING BY RUBEROID



FOR VAUXHALL MOTORS LIMITED



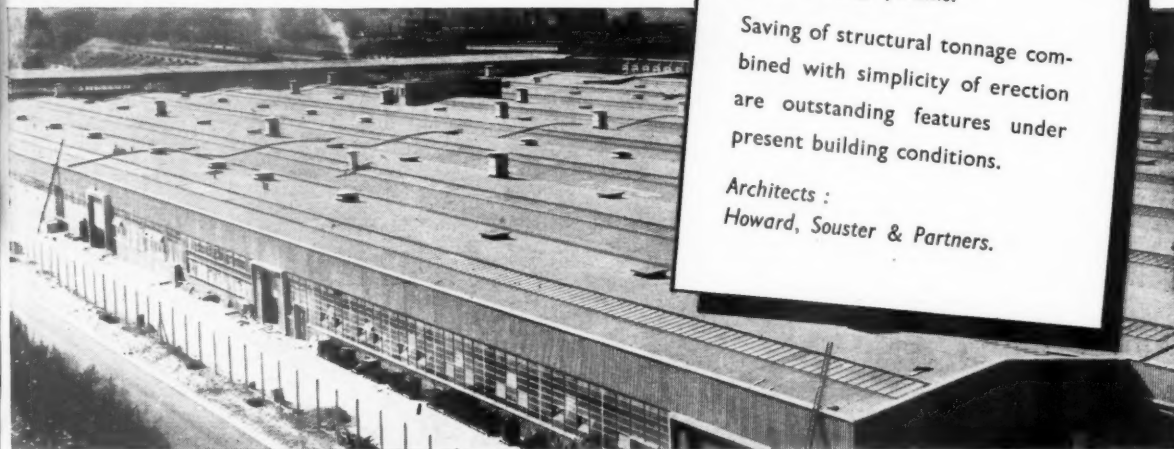
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Ruberoid Roofing*

The Ruberoid Insulated Metal Roof which protects this vast factory reflects further credit on the most practical and economical of all roofing systems.

Saving of structural tonnage combined with simplicity of erection are outstanding features under present building conditions.

Architects :
Howard, Souster & Partners.



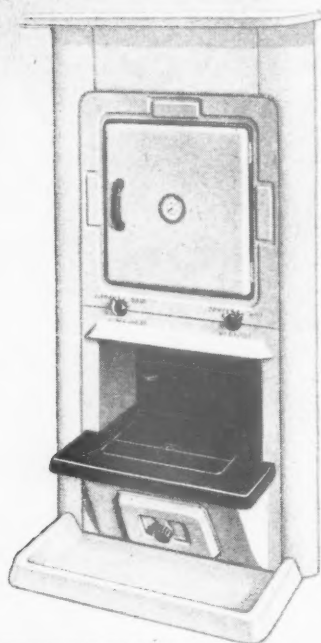
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THE RUBEROID COMPANY LIMITED, 1, COMMONWEALTH HOUSE, 1-19 NEW OXFORD STREET, LONDON, W.C.1

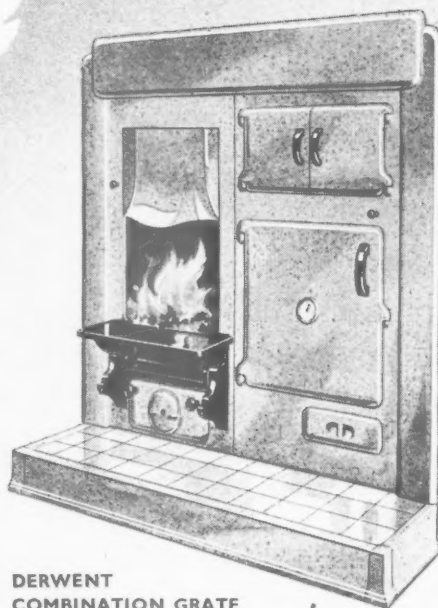


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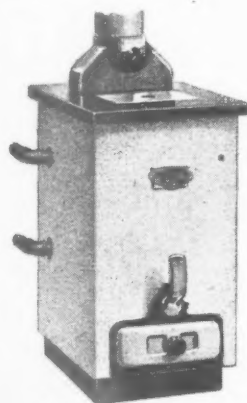
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Efficient and economical fire provides heat for a large
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closet. Ample domestic hot water and controlled
room warmth. Overnight burning.



BOILERS B33 AND B22

Waterway encircles fire and gives high output per
square foot of heating surface. Bright, clean finish,
minimum cleaning. B33 has steel water jacket, B22
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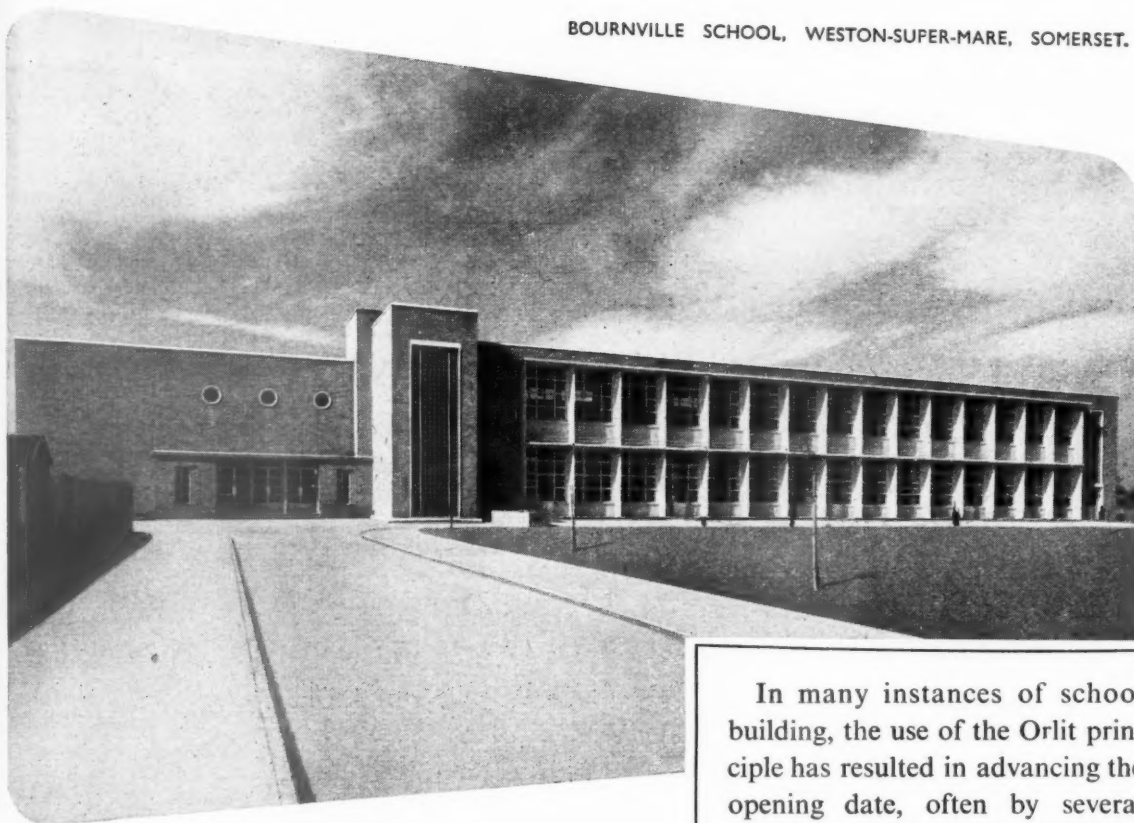
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Controlling Architect for Education: L. Mew, A.R.I.B.A.,
Assistant Architect in charge: R. H. West, L.R.I.B.A.,
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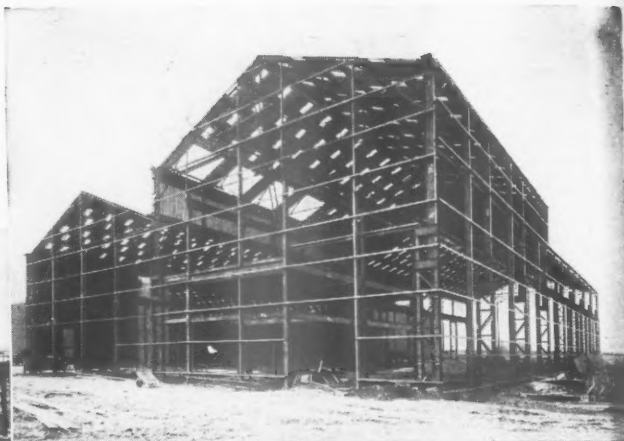
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In many instances of school building, the use of the Orlit principle has resulted in advancing the opening date, often by several months—a clear proof of the speed and efficiency of this method of construction.

The Orlit method allows full opportunity to the architect to employ his faculties of design; in the school illustrated, for example, excellent use has been made of external brick facing to an Orlit pre-cast structure.

Orlit can place at the disposal of architects and contractors an experienced erection section for the fixing on the site of Orlit units supplied.

STRUCTURAL



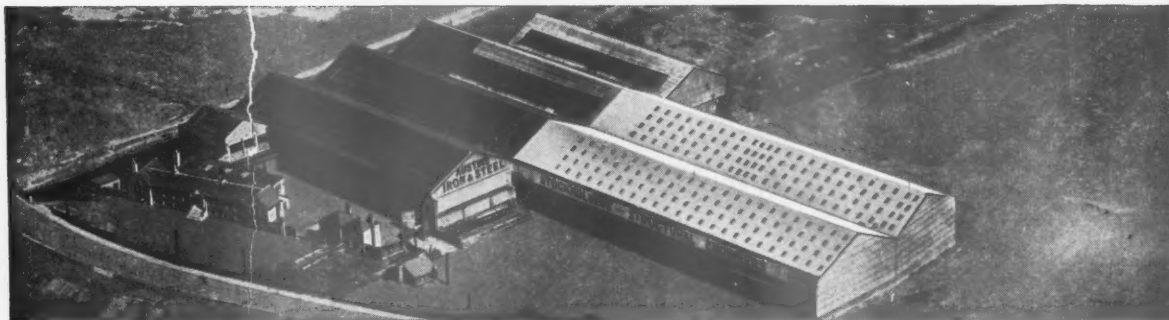
STEELWORK



BY

AUSTINS

EST. 1850



James Austin & Sons Dewsbury Ltd., Dewsbury

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Concealed fitting.
Spring loaded.

In this model the patented
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Reg. Design



Oval Knob, D.T. spindle
or "Floating spindle"



**No. 270A
LEVER, MORTICE**
Reg. Design

Spring loaded
"Floating spindle"

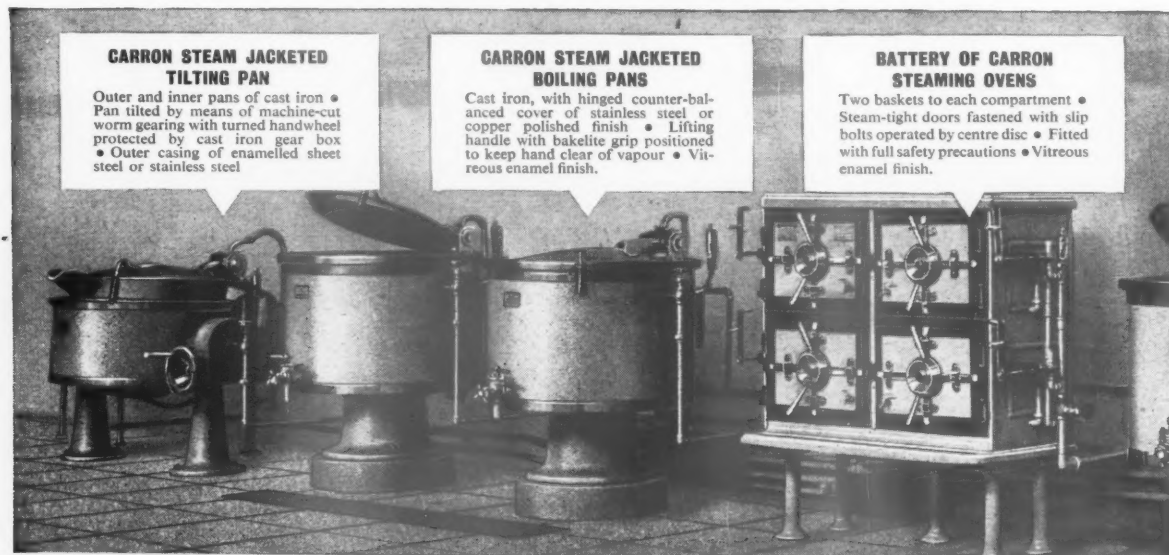


**No. 260A
KNOB, MORTICE**
Reg. Design

Fixed rose
"Floating spindle"

Part of kitchen at Ayrshire Central Hospital showing equipment supplied and fitted by

CARRON COMPANY



CARRON STEAM JACKETED TILTING PAN

Outer and inner pans of cast iron • Pan tilted by means of machine-cut worm gearing with turned handwheel protected by cast iron gear box • Outer casing of enamelled sheet steel or stainless steel

CARRON STEAM JACKETED BOILING PANS

Cast iron, with hinged counter-balanced cover of stainless steel or copper polished finish • Lifting handle with bakelite grip positioned to keep hand clear of vapour • Vitreous enamel finish.

BATTERY OF CARRON STEAMING OVENS

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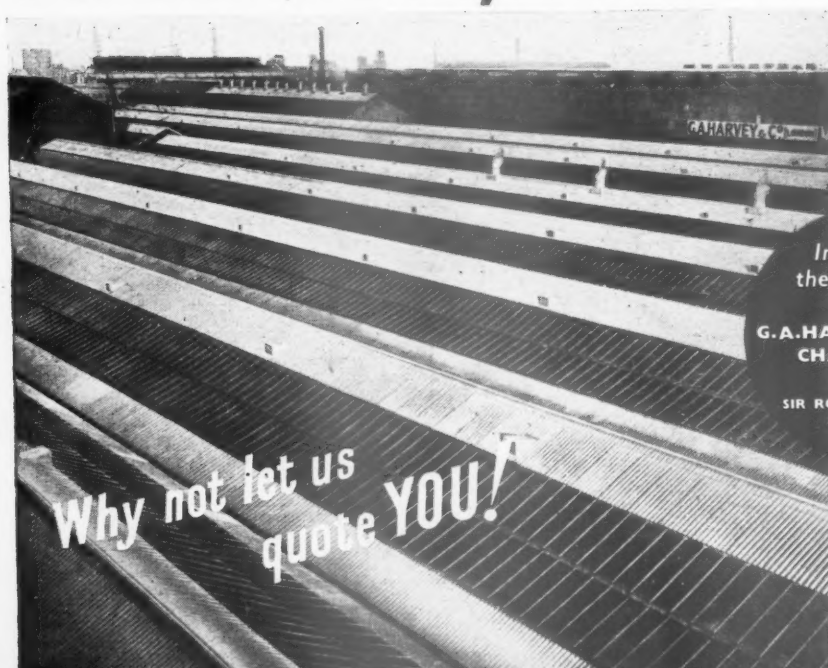
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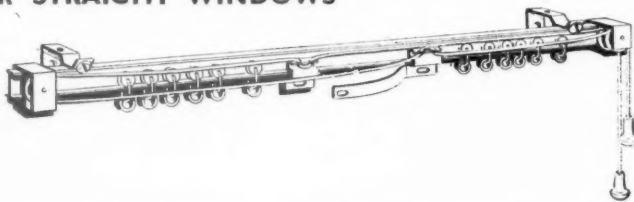
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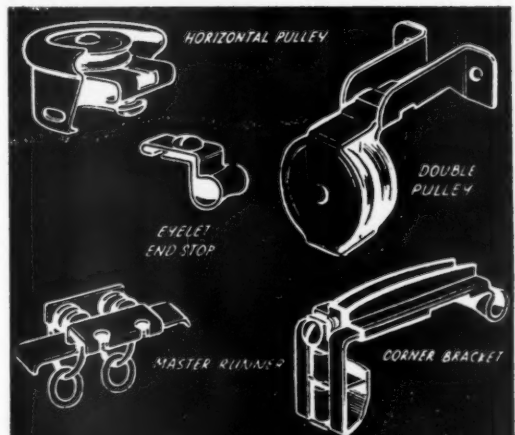
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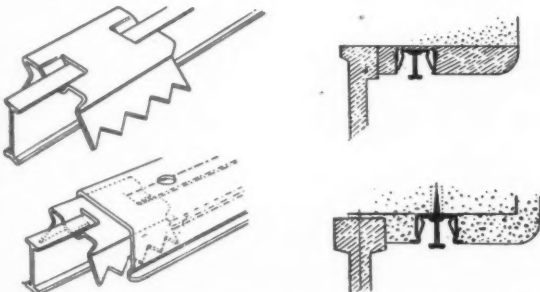


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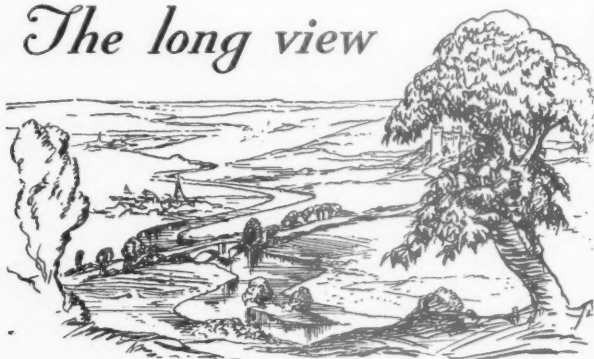
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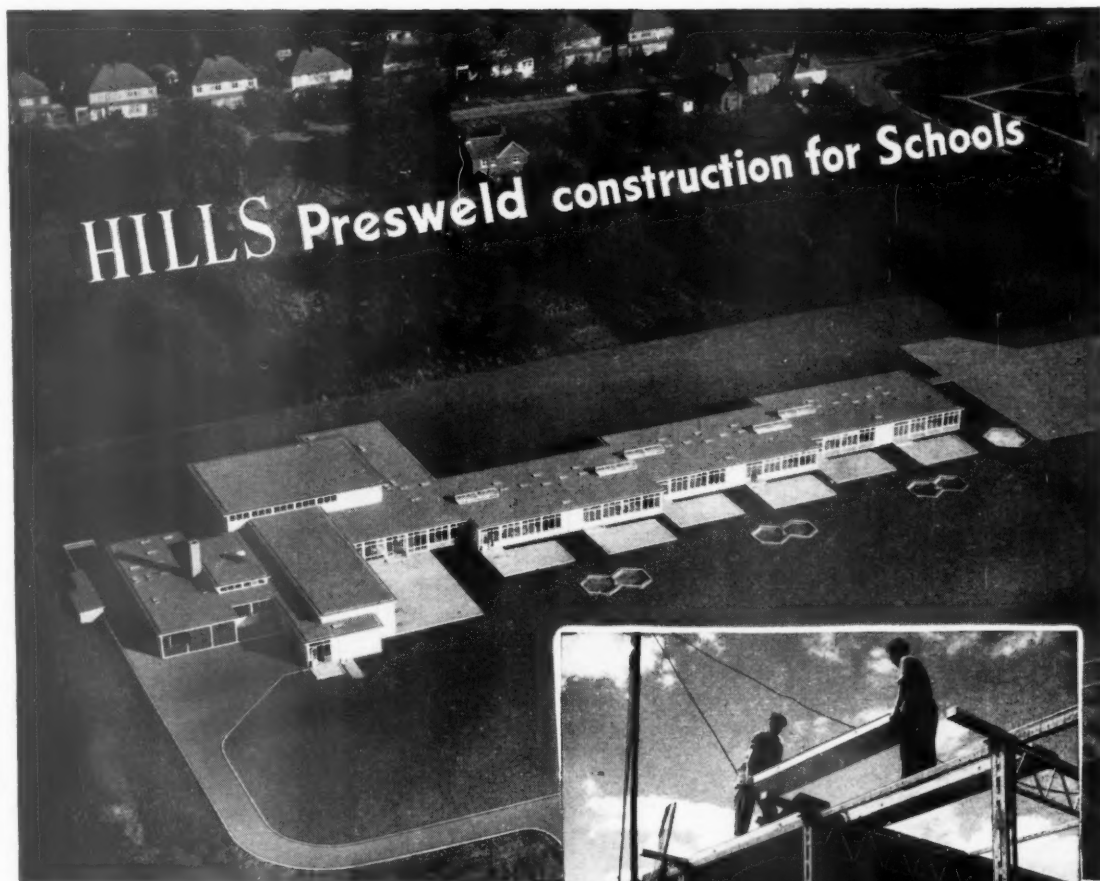
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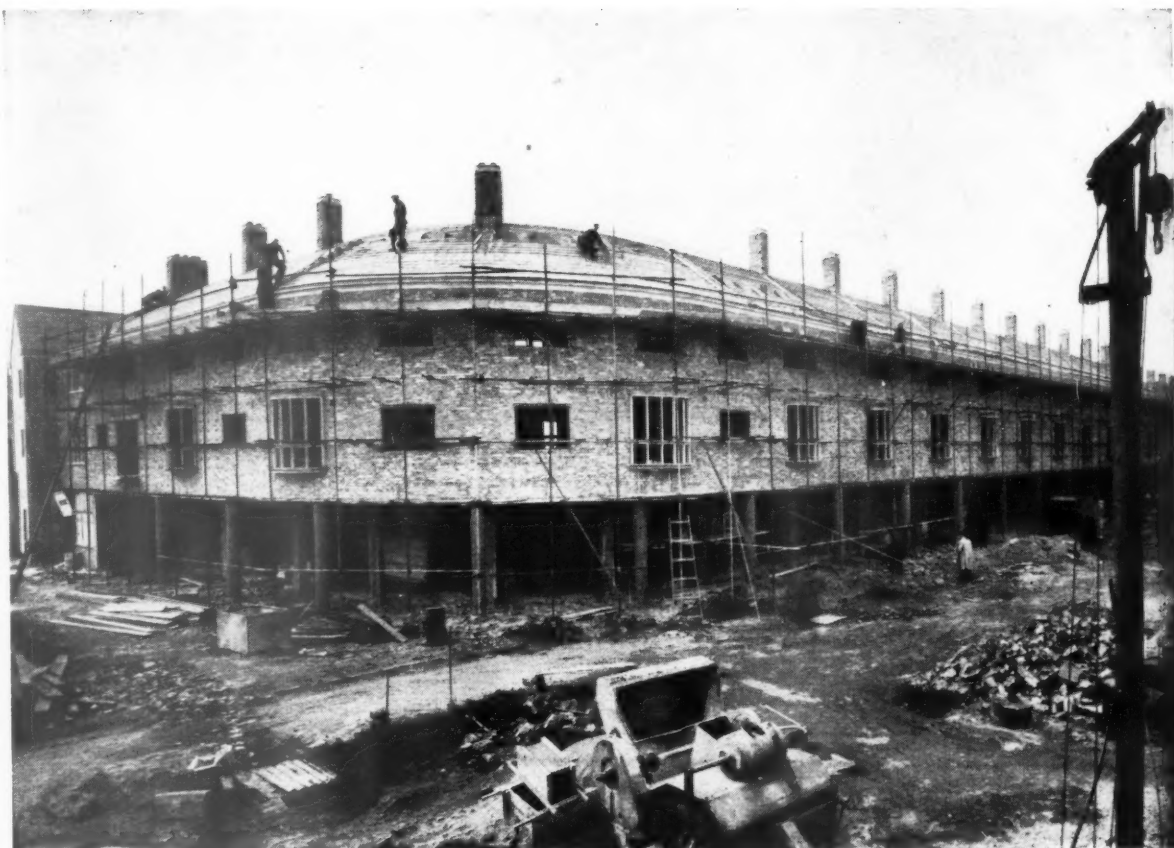
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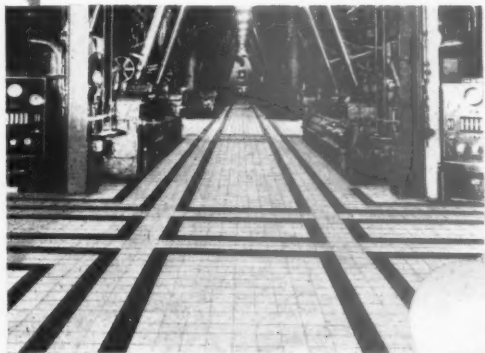
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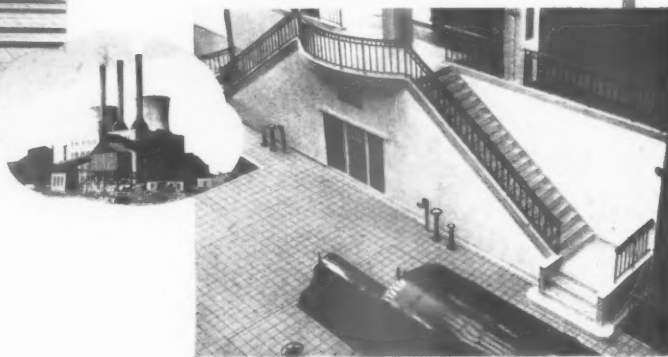


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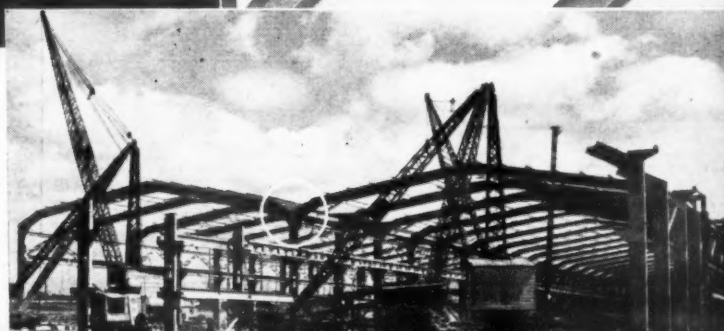
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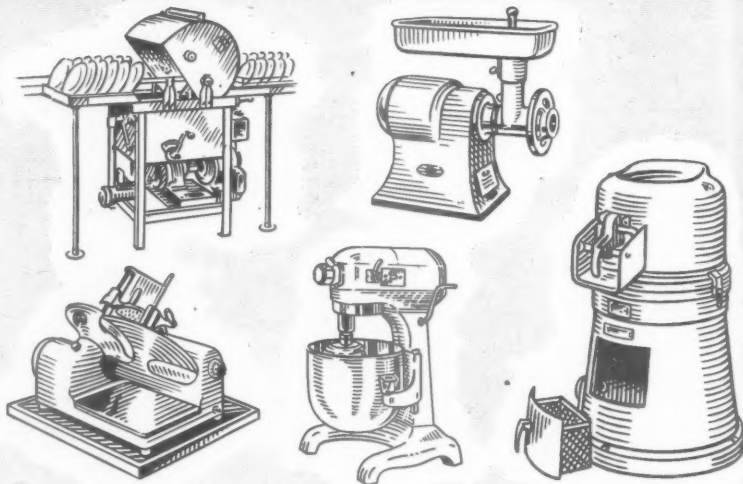
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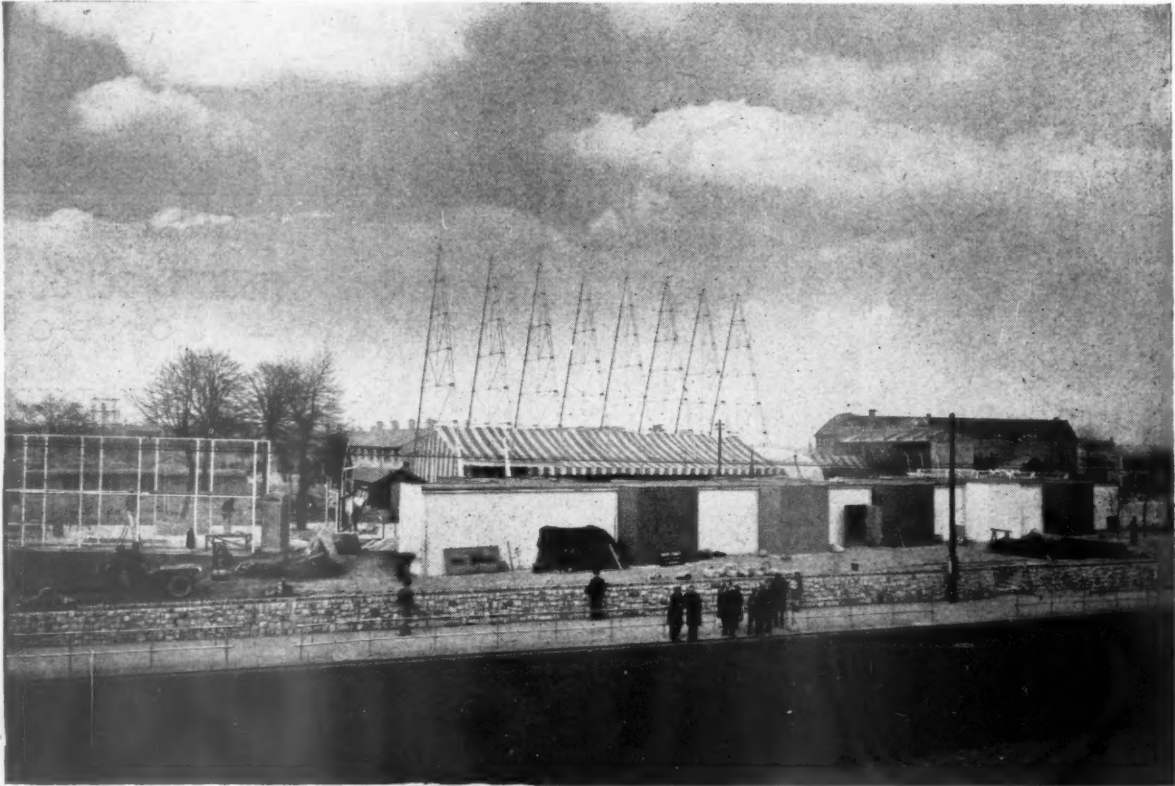
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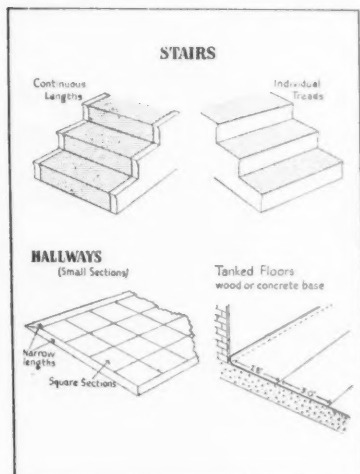
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(Right) ALTRO non-slip treads in use on London Transport buses.

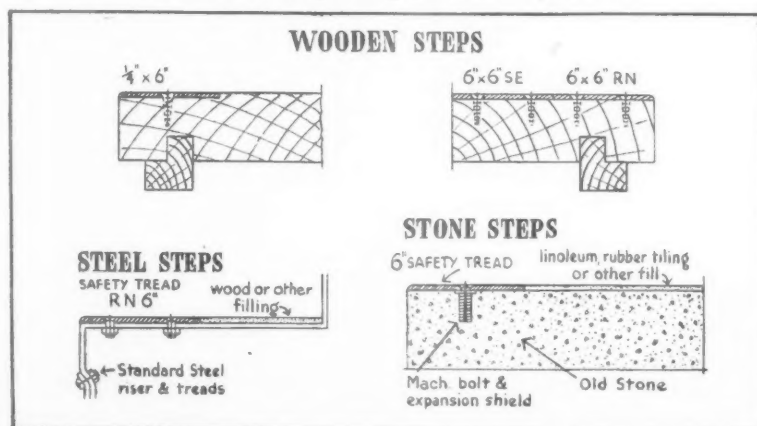


"ALTRO" Plastic Safety Treads are supplied in ten colours—white, buff, brown, cream, grey, red, green, dark green, blue and black, 5/16 in. thick. The standard width are 4 in. and 6 in., in lengths up to 2 ft. 9 in. It will shortly be available in sheets of 1/8 in. and 5/16 in. up to 2 ft. 9 in. x 2 ft. 0 in. Being completely non-porous

they cannot be bedded in cement mortar but are usually screwed down or set in a mastic. Special sizes and shapes can be supplied where the demand is large enough to justify the construction of the moulds.

Both these materials are products of The Adamite Company Limited, Manfield House, Strand, London, W.C.2.

Methods of incorporating ALTRO Safety Treads.





THE ARCHITECTS' JOURNAL

No. 2949 6 SEPTEMBER 1951 VOL 114

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* To preserve freedom of criticism these editors, as leaders in their respective fields, remain anonymous

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FUTURE OF THE SOUTH BANK

With only a month to go before the South Bank exhibition closes there is naturally a lot of public curiosity as to what happens next, as well as public anxiety lest this wonderful site be allowed to lapse into its previous derelict condition pending the execution of the LCC's long-term building plans which the economic situation is likely to hold up for some while.

It is good news therefore that the Lord Privy Seal has set up a working party to discuss the whole policy of the immediate future. There have been so many conflicting pleas made already—some sensible, some clearly impracticable—that they will have a difficult job, but I hope they will at least consider favourably the preserva-

tion of at least one of the waterside restaurants as a restaurant, the preservation of the telekinema, the preservation, at least temporarily, of one building as an art gallery where important shows can be held of the kind that now have to take up space in the National and Tate Galleries, the retention of the shot-tower and of those charming look-outs above the river wall in front of the Royal Festival Hall.

*

These are all questions of real public interest, so the findings of the working party should be made public as soon as they have been arrived at—so, incidentally, should the designs for the new government offices that now are to be built downstream from County Hall. This time we don't want the excuse, if the designs are not liked when they are disclosed, that it is too late for them to be changed.

SLOWLY IMPROVING RADIO

Being one of the vast multitude who cannot afford a new radio or TV set every year, I didn't go to the Radio Show as a buyer. All the emphasis this year is on TV, with larger screens and a series of elaborate devices to reduce distortion and eliminate the lines across the picture. The general level of design of the set cases seems to have improved in that there are hardly any complete horrors, but the really good designs are still too few. Murphy again show the good taste we all expect and to them must now be added Pye and one or two Ferranti types, though one must admit that this firm seems to be missing Christopher Nicholson's advice. Stand design? Poorish to bad, I thought. An "official feature" had at one end a winged lion prancing

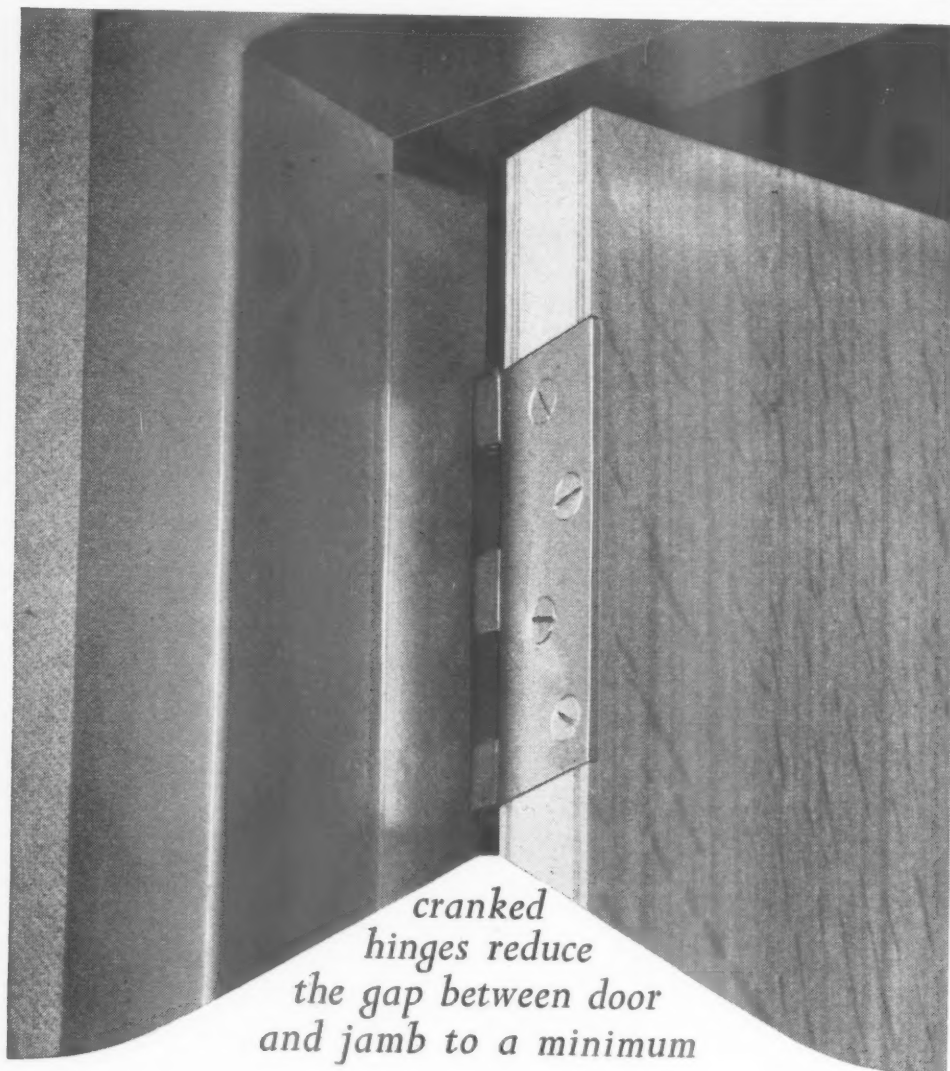
on I know not quite what. This I could easily have done without.

*

Not finding anything so bad or good as to raise my blood pressure unduly, I had time for a look at the Empress Hall itself. I must confess that there seems to be a deplorable amount of service pipe work, ducts and odd wiring scattered about the soffits of the galleries, perhaps partly due to all the new fluorescent fittings. The planning is also deplorable. Does one really need so much symmetry in a hall this size? Having come up one escalator it seems not quite right to have to walk right round the gallery to find the one going down. Though perhaps this is only to make sure you don't get out unless you have passed most of the stands.

STOP PRESS

The JOURNAL editors have asked me to loan them part of my pages this week as they are short of news space. They thought you might like to know the results of a competition arranged by the Executive of the Zionist Organization, for a memorial to Dr. Theodor Herzl, the founder of the Organization, to be erected on Mount Herzl, Jerusalem. More particulars will be published later. In the meantime, here are the winners:—First prize (£1,200—Israeli), Joseph Klarwein, of Jerusalem. Second prize (£900—Israeli), J. Danziger, of London and Jacob Shalgi, of Tel Aviv. Three purchases of £450—Israeli were awarded to:—B. Sumner Grazen, Art Associates, of New York; Jean Sakarovich, of Paris; M. Weinraub and A. Mansfeld, of Haifa. Three purchases of £300—Israeli were given to:—Moritz Hauser, of Zurich; Oscar Nitzchke, of New York, and Z. Rech-tev, of Tel Aviv. And three awards of purchases worth £225—Israeli were



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hinges reduce
the gap between door
and jamb to a minimum*

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made to:—S. Bernstein, of Tel Aviv; Helene and Henrik Frankouski-Frankfurt, of Tel Aviv, and N. Solotov, of Tel Aviv. Ten of the sixty-three competitors were British (Jewish) architects.

NEW ABERDEEN

The Town Clerk of Aberdeen has kindly sent me a brochure on the exhibition of the new City Plan prepared by Messrs. W. Dobson Chapman and Partners which was held in Aberdeen last month as a contribution to the FOB. The plan seems to run on familiar lines—ring roads, neighbourhood units, zoning, more open spaces, more nursery schools, more water closets and so on. Proposals include the re-siting of the railway station, the building of a bridge over the harbour mouth to carry traffic along a new north-south by-pass and the popularizing and development of the town as a holiday resort. We shall be able to learn more about the plan when Messrs. Batsford publish their *Granite City: A Plan for Aberdeen*, in a few weeks' time.



Illustration from a brochure on an exhibition of the City plan for Aberdeen.

Though Aberdeen is less of a mess than most of our towns, the new plan is ambitious enough and is expected to take three or four generations to carry out. Too little, so far, however, seems to have been said about the visual side of the plan.

TO BE DROWNED

The proposal to turn the Honddu valley into a reservoir, thus submerging the remains of Llanthony Abbey seems to me deplorable, not only because of the lost buildings but because this valley is one of the few really remote places where one can walk for miles and see nothing but sheep or hill ponies. Whether a reservoir is essential here I do not know, but if not, the next most likely thing I suppose, is either a bombing range or a Com-



A view of the Honddu valley. The proposal to turn this valley into a reservoir is commented on by Astragal below.

mando school. So maybe the reservoir is a slightly less intolerable solution.

INSTEAD OF LEAD

The lead-stealing menace, which I commented on recently in connection with the case of Worcester Lodge, Badminton, must have set many country parsons and others wondering whether it might not be a sound scheme to forestall trouble by selling the lead and substituting another roof covering. Some of those who read the memorandum on "The Replacement of Ancient Lead Roofs with Copper" in the eleventh report of the Central Council for the Care of Churches * are likely to conclude that it would be.

Old cast lead, this points out, at the time of writing fetched £70 per ton: copper of suitable weight for covering roofs cost £218 per ton. One ton of copper goes five times as far as one ton of lead. So in a replacement job you are left with two-fifths of the proceeds of the sale of the lead to pay for labour. When you take into account the risk of damage from the theft of the lead the substitution looks like a fair proposition, financially speaking. There is also the consideration—I didn't know this before—that the grub of the death-watch beetle will actually eat its way through lead to get to the air, so that rain water carries on the bad work in the timbers that the grub began.

Aesthetically, there is much to be said on the other side of the question, at least when the roof is a visible one. Personally, I would rather see the end of lead thieves than of lead roofs. —

* *The Problem of England's Historic Churches.* A. R. Mowbray & Co. 6s.

SIGHTSEEING A DEUX

Congratulations to MOW on their season ticket scheme. These tickets, as you may have read elsewhere, cost a pound each and last a year; one will admit both you and your girl to around 400 monuments and buildings in the care of the Ministry. Normally it will cost you one or two shillings to get the two of you into any one of them; so if your holiday habits are at all like ASTRAGAL'S you will be well advised to invest that pound right away.

*

But of course you won't really be properly equipped for the road without your National Trust membership card as well; so don't forget it. Not a member? That, let me remind you, can be remedied for as little as 10s., and membership gives you the entrée to about 80 houses which cost up to half-a-crown a time for non-members. Since membership is naturally an individual matter and your card doesn't let you take guests in for nothing, it will obviously be good economy to make your girl a member too. The Trust's address is: 42, Queen Anne's Gate, S.W.1.

THE LOVED SHAPE

Although no more of a necrophilist than the next man—unless the next man happens to be Evelyn Waugh or Bela Lugosi—I have been brooding again over the "coffin" shape so evident in Basil Spence's Coventry design, and to which I referred in this column two weeks or so ago. No doubt most of you have noticed that the "coffin," or elongated hexagon, is a shape which has become increasingly popular during the last few years, and this year it has almost taken possession of the field. You will find it, for instance, all over the Festival Hall and South Bank—in



A Symbol of Faith

Beyond Trinity Congregational Church, in this picture, is the vertical feature of Lansbury's "live" architecture exhibition—a symbol of Britain's reconstruction. The church itself, seen here from its courtyard, with the main church building on the left and the clubrooms of the welfare wing on the right, is surely a symbol of the Christian faith—the integration of physical and spiritual needs. The non conformists, mainly because of their avoidance of liturgy,

ritual and images as an aid to worship, have unwittingly established a tradition for unlovely churches. But here the Congregationalists have a building which not only provides a setting of quiet dignity for their simple form of service, but has a gaiety in its outward appearance that is quite in keeping with a contemporary enlightened attitude towards religion. The building is described and illustrated on pages 284 to 286 in this special issue on Lansbury.

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paving slabs and flower-beds, in wall tiling and panelling, even woven in carpet wool. Part of Basil Spence's own "Sea and Ships" is actually built like a coffin and, I believe, was called by that name during construction. The runners-up, I suppose, for the title of Shape of the Year are the boomerang (or bent-line form) which—as its name implies—hits you in the eye again and again, and the "A" frame (for supporting offices or books). But even they are far behind that ubiquitous and sinister hexagon.

Now were I Dr. Pevsner I should, no doubt, be able to trace the history of this shape to its true source. (Remember the fascinatingly tidy analysis he made some years ago of the façade features of the Army & Navy Stores?) As I am not, I can only make a guess. For a time I favoured a theory first put forward, I believe, by Hugh Casson, that the shape was directly inspired by the great crematorium boom of the "forties." (Remember how popular a design subject it was in architectural schools?) Drawing coffins all over the plan to show the circulation of the corpse, say the supporters of this theory, naturally led to the more decorative use of the motif. But although Asplund's crematorium (or even perhaps the Aarhus assembly hall?) were perhaps the seeds, the form has certainly been flowering here for some years, starting, where you'd expect, in that Queen Charlotte's of architectural motifs—the exhibition world. I remember seeing it first some three years ago, in the Chemical Section of the BIF, when it was used by two leading designers on a couple of stands; in itself an interesting example of that "design telepathy" which operates in the world of fashion design. Frequently you will find exhibition designers hitting separately upon the same motif or "line"—one year it is twisted corage or coloured ping-pong balls, the next it is mobiles. It is not plagiarism—that follows a few weeks later—but some mysterious grape-vine contact in which all leading fashion designers—including exhibition architects—are inevitably entangled. Well, whatever its source—and let somebody else write a thesis on it—I predict that the elongated hexagon, that parody of the fine and private coffin, so well related to the human form, has now had its day.

ASTRAGAL

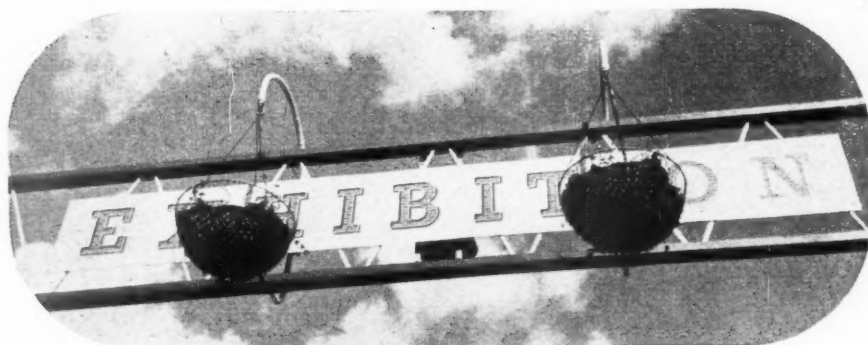
The Editors

LANSBURY: A PRINCIPLE PUT INTO PRACTICE

LANSBURY'S live architecture exhibition, which will be officially closed this month, has not been exactly a commercial success. And yet, to the architect and town planner—to anyone, in fact, with a little imagination—it strikes a most inspiring note in London's contribution to the Festival of Britain. Whereas the planning and architecture on the South Bank give a hint of an architect's Utopia, a world outside economic restrictions, Lansbury shows us the world we *can* build in spite of these restrictions. At first glance the layman might not find it a very exciting world, in comparison with the striking structural techniques employed on the South Bank. But it *is* exciting, not only because of the outstanding architectural quality of the public buildings and the consistently good—if not always imaginative—standard of housing design, but because it gives us our first glimpse of the neighbourhood planning principle in practice. And it is, of course, the first part of the Abercrombie County of London Plan to take shape. As will be remembered, it was on Professor Abercrombie's recommendation that the LCC decided to reconstruct the Stepney-Poplar area as a single community, containing eleven neighbourhood units. Lansbury's future place as a unit in a large community has not been sufficiently publicized. This is surprising, for such a scheme should have fired leader writers—and even PRO's—with enthusiasm. But perhaps it is difficult for anyone to look ahead with enthusiasm in these days of capital cuts. And then, of course, people are tired of the very word "planning." It will take a great deal to kill their apathy and scepticism. Fortunately, the intelligent reconstruction of our cities does not depend on enlightened public opinion. We now have planning machinery in place of the old haphazard methods of development. And the acceleration of the growth of Lansbury, so that it should be ready for display during the Festival season, has shown us that the machinery not only works, but can, in fact, work fast and efficiently. In this issue of the JOURNAL we have recorded something of the unique achievement carried out by the LCC Town Planning Department, in collaboration with the Festival authorities and the architects employed in designing the various buildings. It certainly is a unique achievement. Where else in the world would one find a similar cross-section of a modern community designed with great attention to all factors that make up a social entity? As this neighbourhood grows and multiplies it will be interesting to see how effective the unit planning principle is in bringing a sense of community to residents. In any case, even if the scheme does not have the immediate effect of placing people in compact social pockets, there is everything to be said in favour of the "unit," both from the social and the planning points of view. We are lucky to have a living and growing permanent exhibition to confirm this fact.



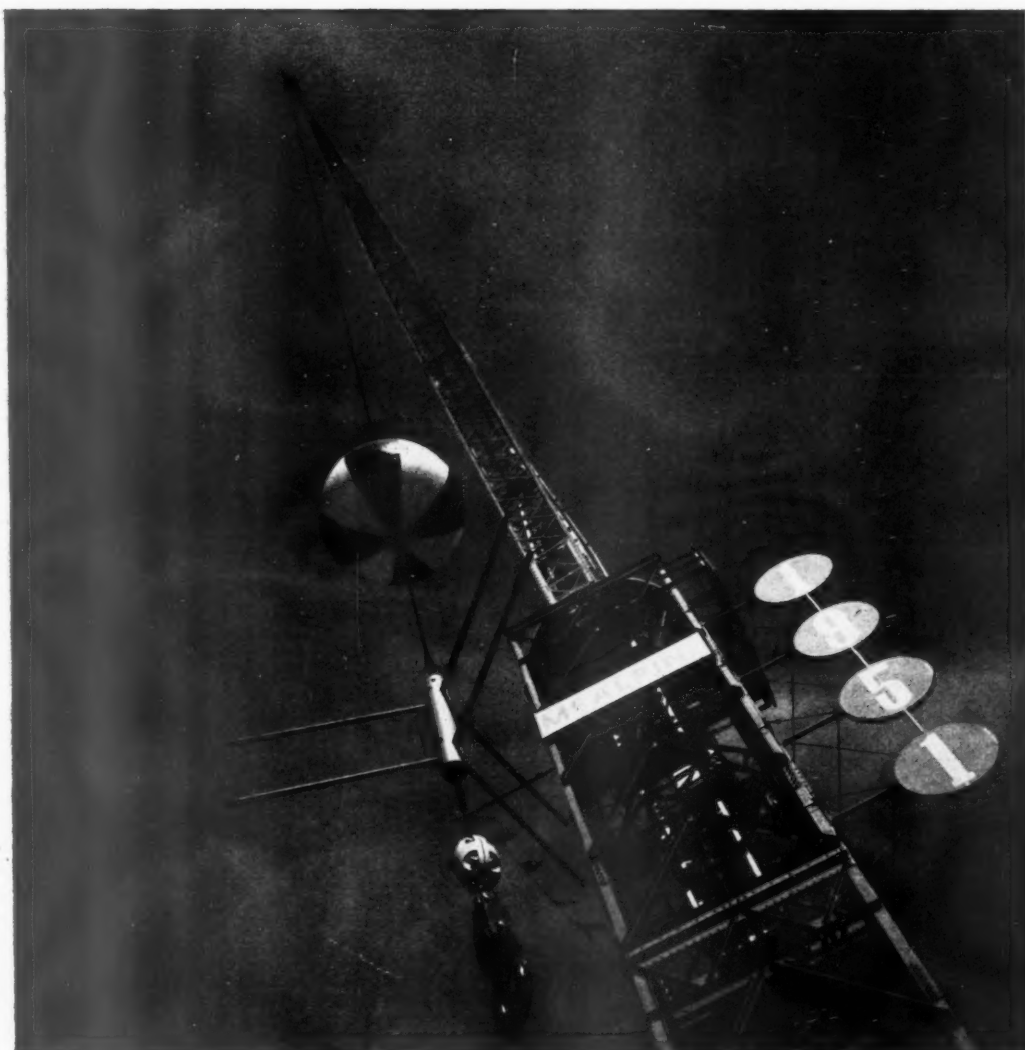
Model of the complete Lansbury Neighbourhood. Inset : top left, diagram showing 11 neighbourhoods of Stepney-Poplar reconstruction area, with completed part of Lansbury Neighbourhood (illustrated in this issue) shown in white.



A SURVEY OF LANSBURY'S "LIVE" ARCHITECTURE

The Festival of Britain Exhibition of Architecture, at Lansbury, is divided into two parts. One part is the temporary exhibition enclosure, in which the layman may learn something of town planning and building research. (This is illustrated on the next seven pages.) The other part is the "live" architecture display, which comprises the finished and unfinished buildings in the Lansbury Neighbourhood—part of the Stepney-Poplar scheme. (Some of these buildings are shown on pages 284 to 301.)

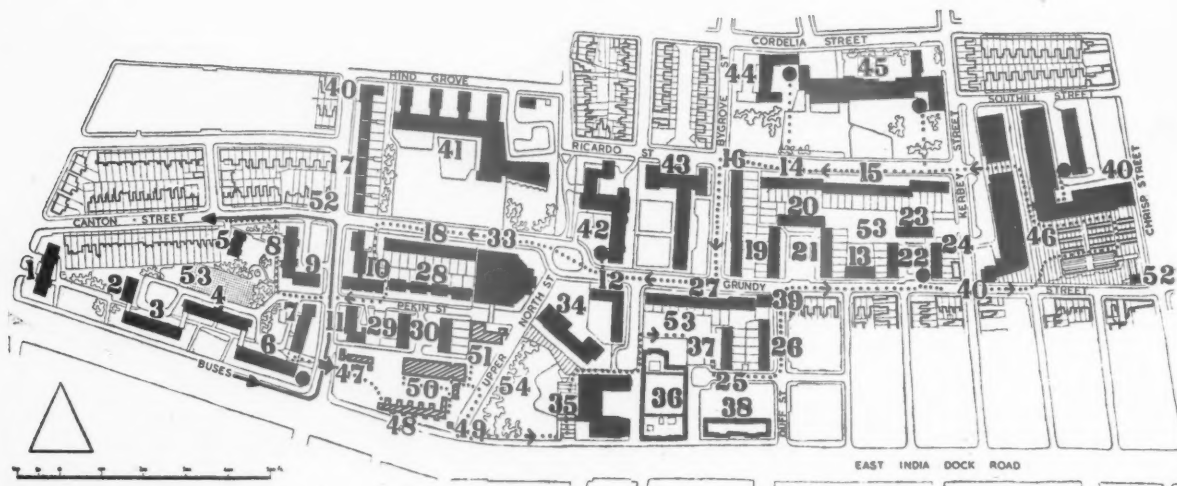
Lansbury's vertical feature ; a symbol of Britain's reconstruction.





EXHIBITION ENTRANCE

The entrance to the temporary exhibition enclosure is seen above from the outside. Another view of it (right) from the inside shows the administration building on the right. The exhibition is not large. In addition to a cafeteria, "The Rosie Lee," and the "Gremlin Grange," a model of a section of a house—showing how not to build—it has only two principal display areas. These are the Town Planning Pavilion and the Building Research Pavilion, in which are explained principles of planning and building.



- KEY**
- 1, 2, 4, 5, 8. Six-storey flats : LCC Housing Director
- 3, 6, 7, 9. Three-storey flats : LCC Housing Director
- 10, 11, 18. Flats and houses : Bridgwater and Shephard
12. Flats for old people
13. Three-storey flats (existing)
- 14, 15. Four-storey maisonettes : G. A. Jellicoe
16. Three-storey maisonettes and flats : G. A. Jellicoe
17. Three-storey maisonettes and flats : Norman and Dawbarn

- 19, 20, 21, 22, 23, 24. Three-storey houses with some one-room flats : G. A. Jellicoe
- 25, 26, 27. Two-storey houses : G. A. Jellicoe
- 28, 29, 30. Two-storey houses : Bridgwater and Shephard
33. Roman Catholic church : Adrian Gilbert Scott
34. Existing school, to be used for community centre
35. Congregational church : Handiside and Stark
36. Seamen's mission (existing) and future extensions.

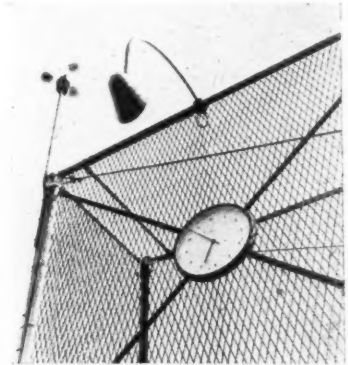
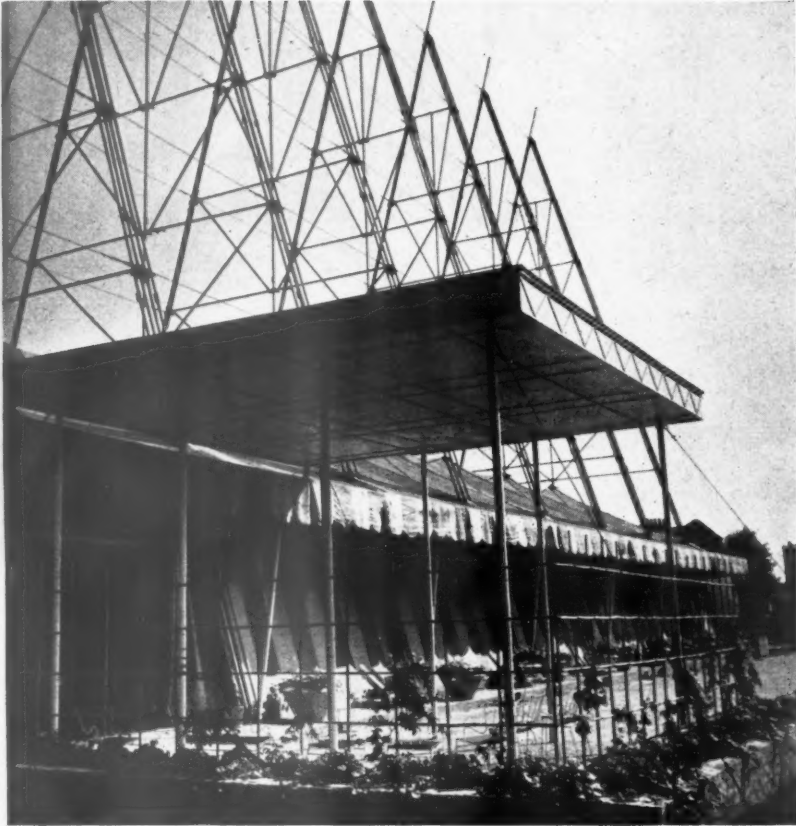
37. Manse for Congregational church
38. Board of Trade offices (existing)
39. Pub (existing)
40. New pubs.
41. Secondary (Roman Catholic) school : David Stokes
42. Old People's Home : Booth, Ledebor and Pinckheard
43. Primary (Roman Catholic) school (existing)
44. Nursery school : Yorke, Rosenberg and Mardall
45. Primary school : Yorke, Rosenberg and Mardall

46. Shopping centre and market place : Frederick Gibberd
47. Entrance and administration block of temporary Festival exhibit : Anthony Chitty
48. Temporary Festival pavilion—Building Research : J. C. Ratcliffe
49. Vertical Feature : John Wright
50. Temporary Festival pavilion—Town Planning : Henning and Chitty
51. Temporary cafeteria : Sadie Speight and Leonard Menasseh
52. Lavatories
53. Children's playground
54. Garden

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STREET FURNITURE

Well designed street furniture brightens up the architecture exhibition at Lansbury. Extreme left: bollards outside the exhibition enclosure. Left, centre: a map of the exhibition area. Left, a signpost in the enclosure. Below: top, a clock in the enclosure and bottom, the well-known chairs designed by Ernest Race.

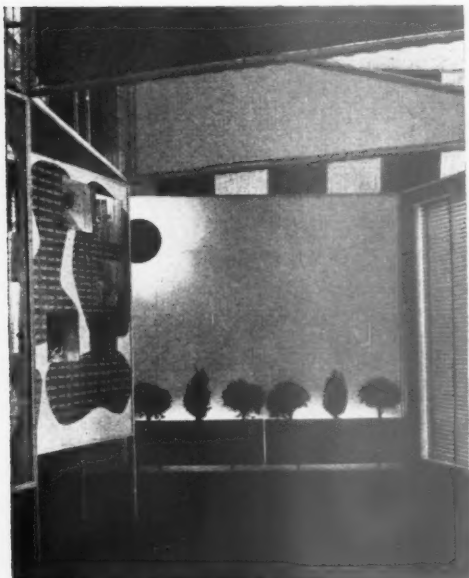


TOWN PLANNING PAVILION

The town planning exhibition is housed in a large tent (above) on a frame of tubular scaffolding. At the entrance is a mural by Stephen Bone (right). The greater part of the exhibition is designed to show the layman why New Towns are being built and how they are planned but one section is intended for the town planning expert. The architects for this pavilion were Hening and Chitty.



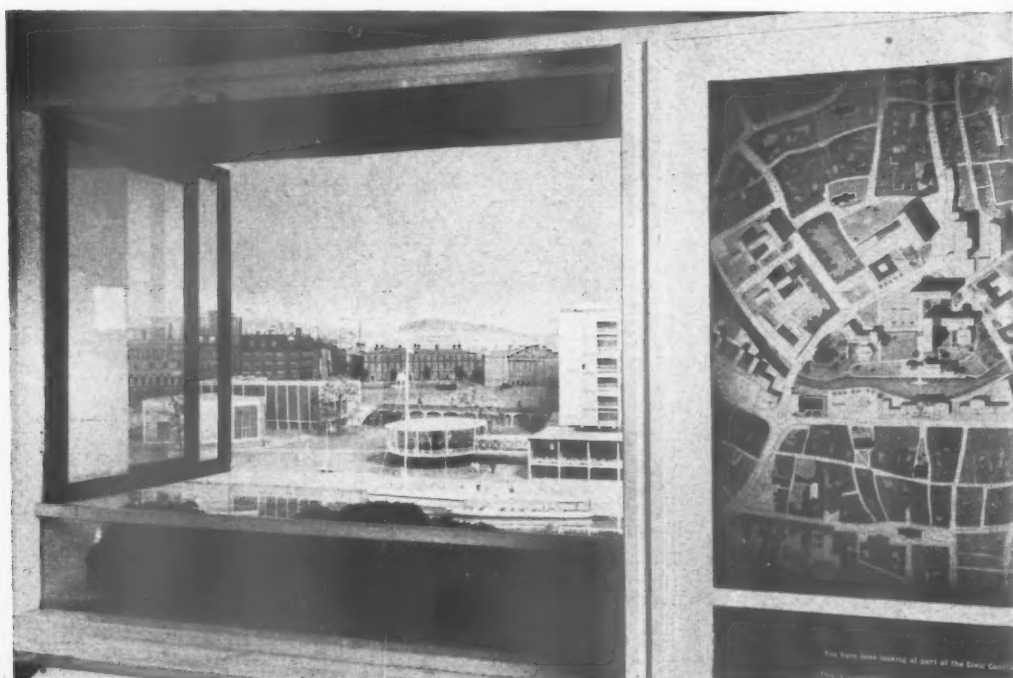
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TOWN PLANNING PAVILION

The town planning display is divided into several sections. "The Battle for Land" illustrates the many and often conflicting uses for land, and points out that only by planning can it be used to best advantage. "The Needs of the People" section, part of which is seen above left, consists of a series of panels, each of which illustrates the needs of a certain member of the community—the child, the teen-ager, the housewife, and

so on. The next section shows how those needs can be met in the planning of new towns and the replanning of old ones. From here the visitor moves on to learn something of work in progress. And finally he comes to "The Heart of the Town" which is heralded by the large map screen seen in the background, above right. Behind the screen is a model and map of the partly redeveloped centre of an imaginary town, "Avoncaster" (below).

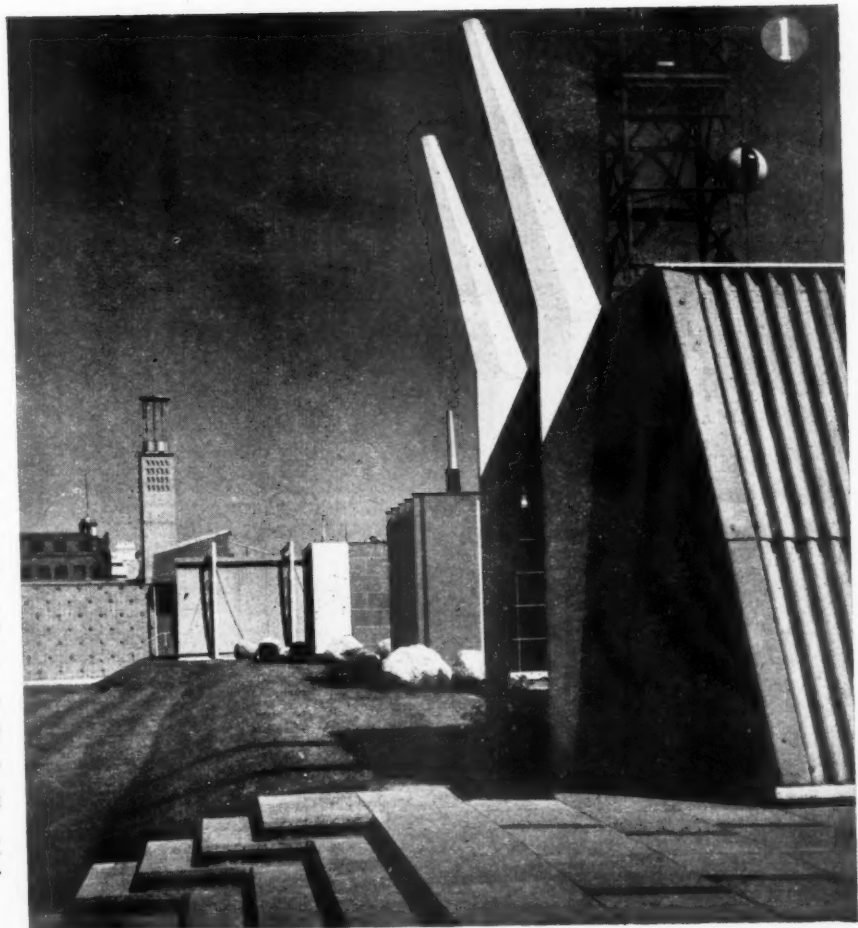


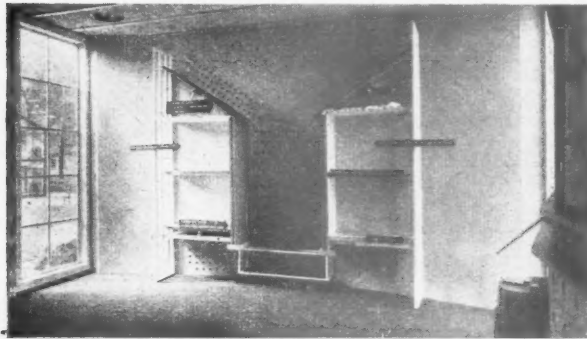
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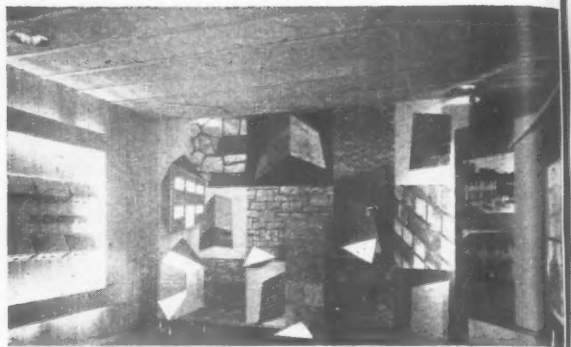
BUILDING RESEARCH PAVILION

When he leaves the Town Planning Pavilion the visitor may cross to the Building Research Pavilion, from which the above picture was taken. In the background can be seen the entrance to the town planning tent. The Building Research Pavilion is interesting in appearance for it consists of a number of small buildings, linked together, each of which expresses in its external shape the nature of the exhibit within. Each exhibit illustrates one of the main problems encountered in building and shows how it may be solved as a result of scientific research. The picture on the right shows part of this line of buildings: in the foreground is the section which displays stability in construction. The architect was John Ratcliff.

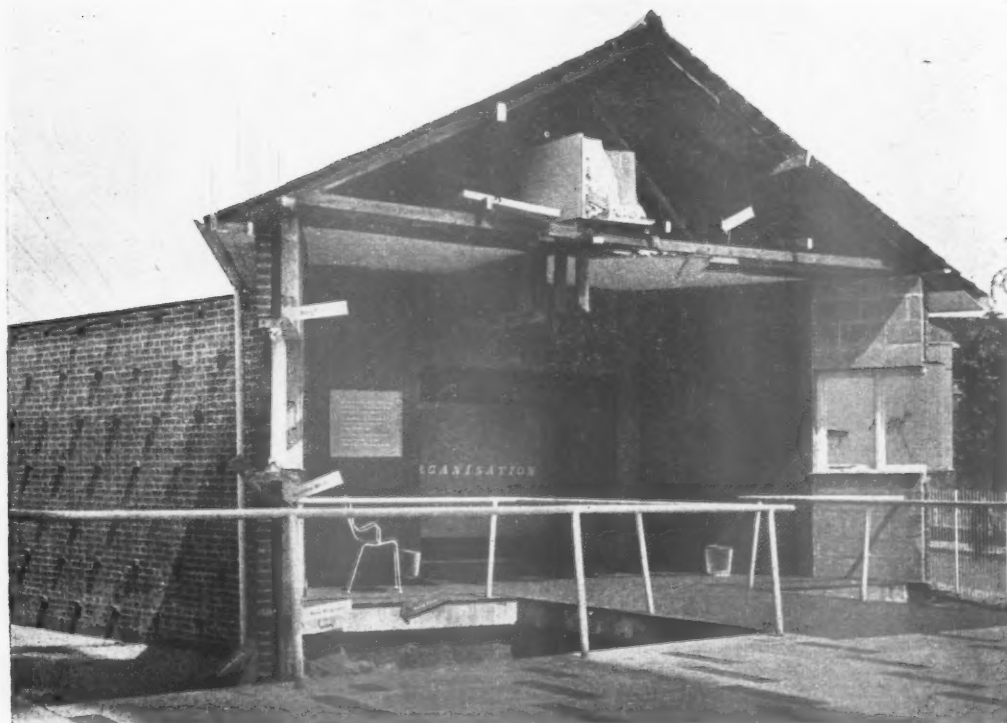




**BUILDING RESEARCH
PAVILION—HEATING**



—STABILITY



—ORGANISATION

Four of the sections in the Building Research Pavilion which illustrate problems in building are shown in these photographs. Top left is part of the Heating section, in which the visitor is told how heat may be economically provided and how it may be conserved. Top right is part of the Stability section, in which are demonstrated the means by which a building may be made resistant to rain and wind. On the right is part of the entrance to the section on Noise, where the visitor may listen to a recording of noises such as radios, babies' cries, and suburban orgies, as they sound when transmitted through different types of wall. Above is the half-house in which good methods of building—from correct foundations to weather-proofing—are clearly demonstrated.

—AND SOUND INSULATION



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"THE ROSIE LEE"

When the visitor has learned something of building and planning precepts in the exhibition enclosure he can rest at the appropriately named "Rosie Lee" cafeteria (shown above and below), before passing through the exit (right) and following the black and white posts which will lead him round the "live" architecture exhibition—the uncompleted Lansbury Neighbourhood—which is illus-



trated in the next section of the JOURNAL. Following are the names of those responsible for the features already illustrated. Town Planning Pavilion—The architects were Hening and Chitty; the theme convener was John Ratcliff; the script writer, Jaqueline Tyrwhitt; the display designer, Ronald Avery; the designer for "The Heart of the Town" Tom Mellor. Building Research Pavilion—The architect and theme convener was John Ratcliff; the con-

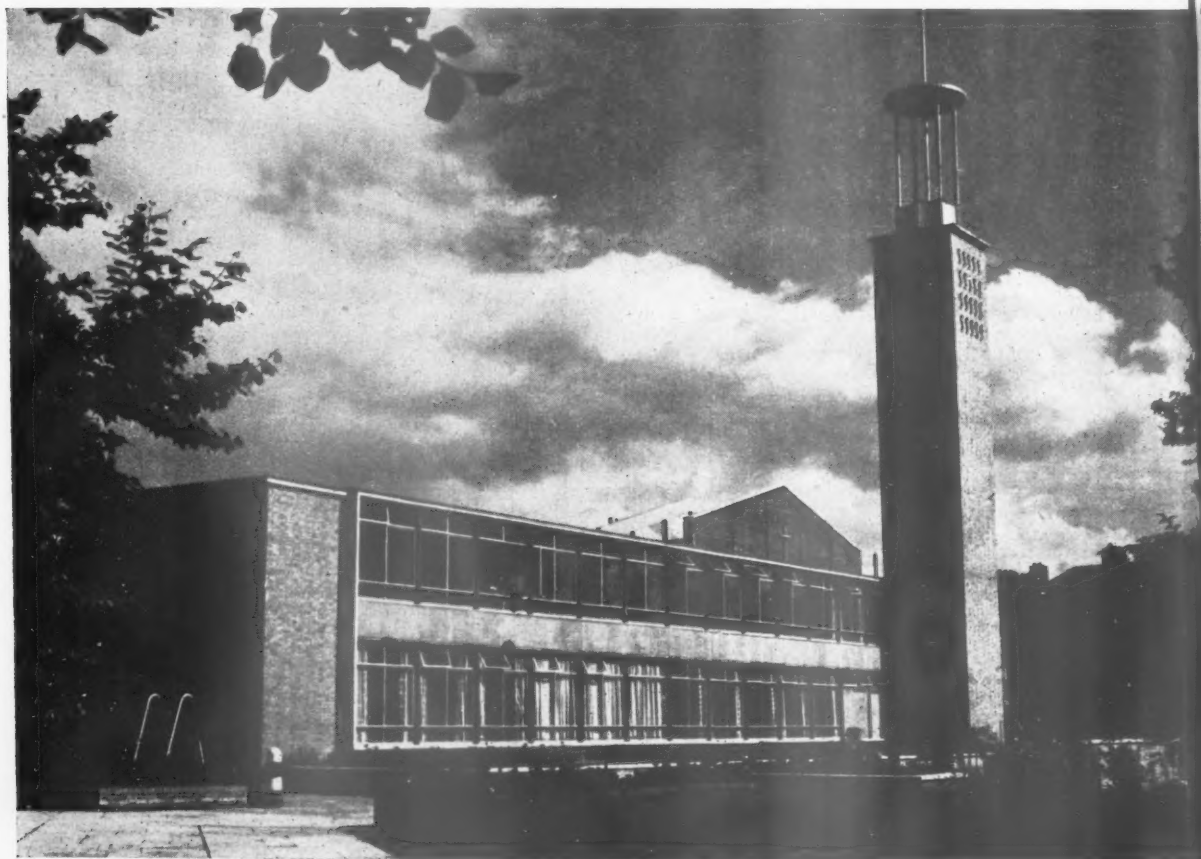
sultant engineer, L. W. Elliott; the script writer C. C. Handisyde; the display designer, Ronald Avery. "The Rosie Lee" Cafeteria—The architects were Sadie Speight and Leonard Manasseh. John Wright designed the display for the vertical feature (the crane); H. F. Clark was the consultant landscape architect; and P. Morton Shand wrote the captions. The co-ordinating architects for the exhibition enclosure were Hening and Chitty, and the technical co-ordinator for this work was J. Godfrey-Gilbert.



“LIVE” ARCHITECTURE EXHIBITION, LANSBURY

architect to the LCC : ROBERT H. MATTHEW. senior planning officer : ARTHUR LING. assistant senior planning officers : P. JOHNSON MARSHALL and N. W. LANE. planning officer : G. C. LOGIE. co-ordinating officer : J. H. WHITTAKER. planning assistants : H. S. HOWGRAVE-GRAHAM, F. M. LAING, A. SLINGSBY, E. MOHOLI, H. N. ALLEN, T. A. MOULDEN, R. M. HOLMES and D. H. BLAXALL.

In 1948 the FOB Council for Architecture, Town Planning and Building Research, suggested that one of the eleven neighbourhoods to be built in the Stepney-Poplar reconstruction should be used as a “live” architecture exhibition. As a result the development of a thirty-acre site—one quarter of an area to be known as the Lansbury Neighbourhood—was accelerated. Some of the buildings (mainly those completed) which form this cross-section of the Neighbourhood and represent the first instalment of the reconstruction of the East End of London proposed in the Abercombe—Forshaw Council of London Plan, are illustrated on the following pages.



Left :
from the
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LCC's d
showing
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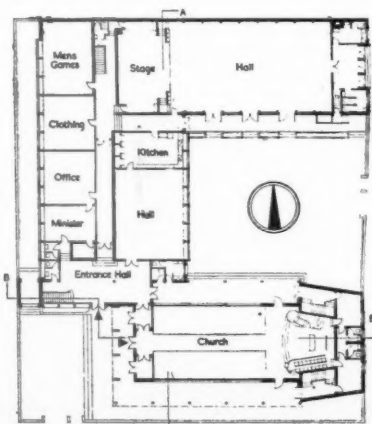
Left: the church from the south-west (looking across the LCC's open space), showing the wing containing welfare buildings in the foreground. Right: the interior of the church itself, showing some of the dome light and the clerestory windows which were provided to minimise glare from them.

TRINITY CONGREGATIONAL CHURCH

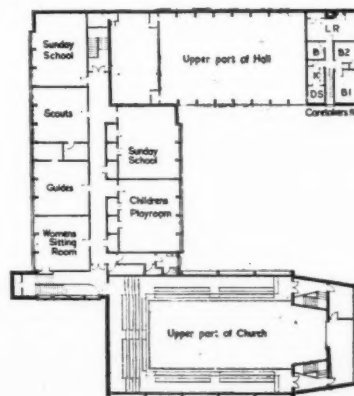
designed by CECIL C. HANDISYDE
and D. ROGERS STARK

GENERAL.—The church seats 400 but the gallery has been projected outwards from the lower walls, instead of into and over the ground floor, thus giving

a small congregation a feeling of "compactness." As the church is on a noisy site most of the lighting is provided by means of forty small dome lights in the roof. Two unobstructed clerestory windows run along the side walls, with their tops at ceiling level, in order to reduce glare from the dome lights.



Ground floor plan



First floor plan

TRINITY CONGREGATIONAL CHURCH

designed by CECIL C. HANDISYDE and D. ROGERS STARK

Deeply louvred amber-coloured windows at a high level, which cannot be seen by the congregation, give a sunny effect to the east end. And in order that the congregation shall not feel "shut in" there are small windows (double-glazed to keep out noise) at both sides on the ground floor. Attached to the

church is an assembly hall, with a large glass area overlooking a courtyard, offices and clubrooms.

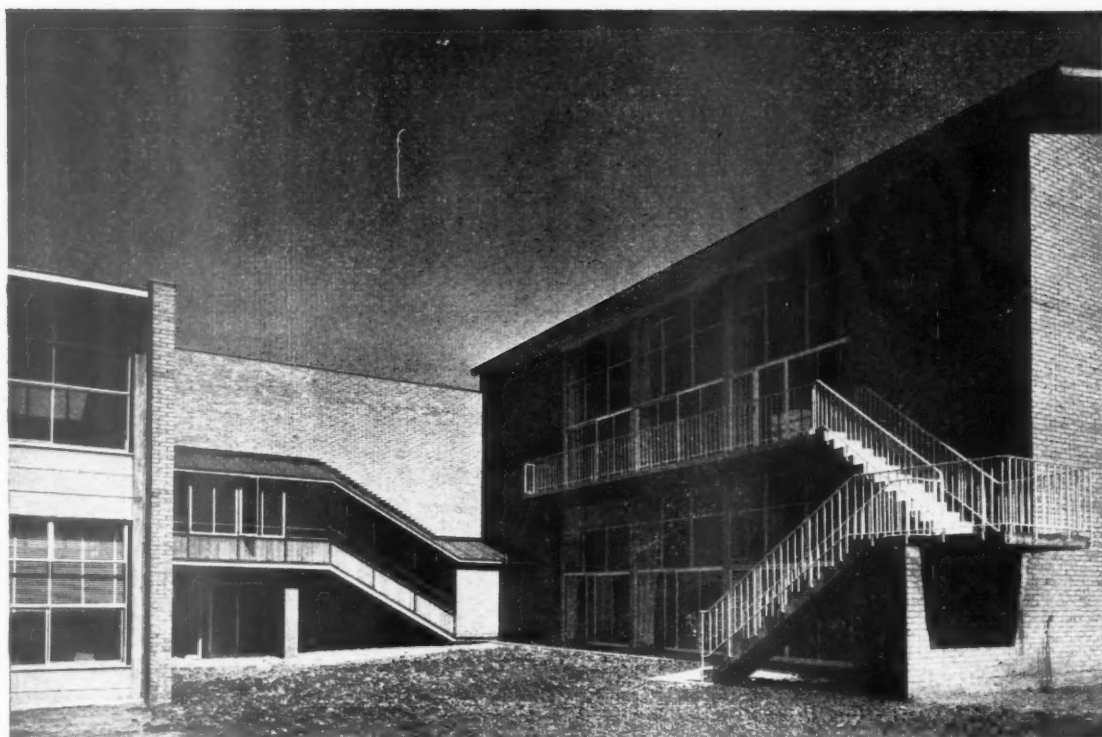
CONSTRUCTION.—General construction: reinforced concrete. In church and assembly hall main structural members are exposed above roof. Consequently ceilings are flat and not obstructed by beams. Church and hall are both built of two-hinged thin frames: these may be seen projecting on outside of buildings. At corners of hall, and over entire roof of church, frames stand free of roof covering. The two-hinged frames of the church start at gallery level and rest on circular columns, which form colonnade under gallery. Gallery floor is used to collect thrust from frames and to bring it to both gables of church, where the members are arranged in walls. Tower and part of exterior are of London stock bricks. A mixture of first hard stocks and 25 per cent. picked dark stocks, with darker bricks for headers in a bond of two stretchers to one header, gives a slight overall texture to the brickwork. End gables of church: precast concrete slabs faced with large piers of crushed London stock bricks to give a heavily textural surface. In contrast is the smooth blue-grey surface of the structural reinforced columns with polished terrazzo surfacing. Main frames of church and assembly hall: ordinary concrete finished with brick hammering: one inch clear margin left to emphasise arrises. Cable copings and other stone trim: precast reconstructed stone (Portland stone aggregate). Church's upper side walls: sheet copper.



Top: the assembly hall, showing the large glass area overlooking the courtyard. Above: the courtyard, showing exterior of assembly hall, with wing containing clubroom and small hall on the left. A staircase in this wing is shown in the picture on the right.



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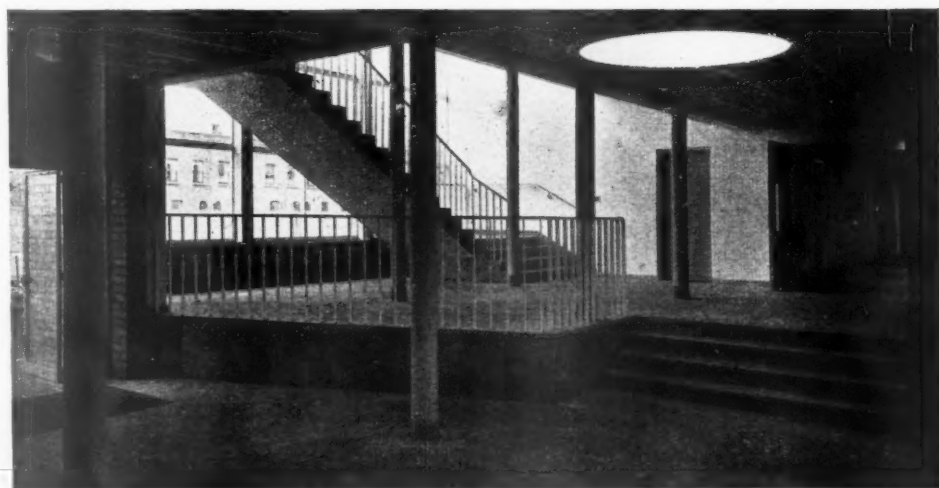
RICARDO STREET PRIMARY SCHOOL

designed by YORKE, ROSENBERG and MARDALL

GENERAL.—This school accommodates 320 juniors (8 classrooms on the first floor) and 200 infants (5 classrooms on the ground floor). The remainder of the ground floor of the classroom block is occupied by the common dining-room and kitchen. The 2 assembly halls, which are placed one above the other, are approached directly on each floor from the classroom block, and both from the common main entrance. The administration block forms a wing projecting north at the junction of the classroom and assembly hall blocks, and the staff are accommodated on two floors approached directly from each school. The second floor of this block forms a caretaker's

flat. The classroom block is so designed that both ground and first floor classrooms and lavatories get cross lighting and ventilation, the first floor classrooms being approached by bridges across a light well. The paved playing areas for juniors and infants are separated, the juniors on the south side and the infants on the north. Each is separately approached from the classrooms. Quiet garden and outdoor teaching areas are provided on the south side of the ground floor classrooms and outside the assembly halls. The school's construction will be fully described shortly when the architects will answer questions about it.

Above : the school's assembly halls are seen on the right of this picture. The infants' hall is on the ground floor and the juniors' on the first floor. Also in the picture is the copper-roofed staircase which links the first and ground floor corridors. Right: the entrance hall and staircase in the classroom block. The floor is finished with Horn-ton stone slabs.

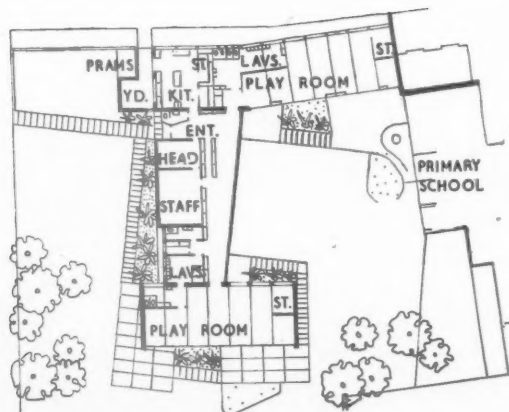




The main entrance to the school. The fly-over staircase leads to the junior assembly hall on the first floor.

RICARDO STREET PRIMARY SCHOOL

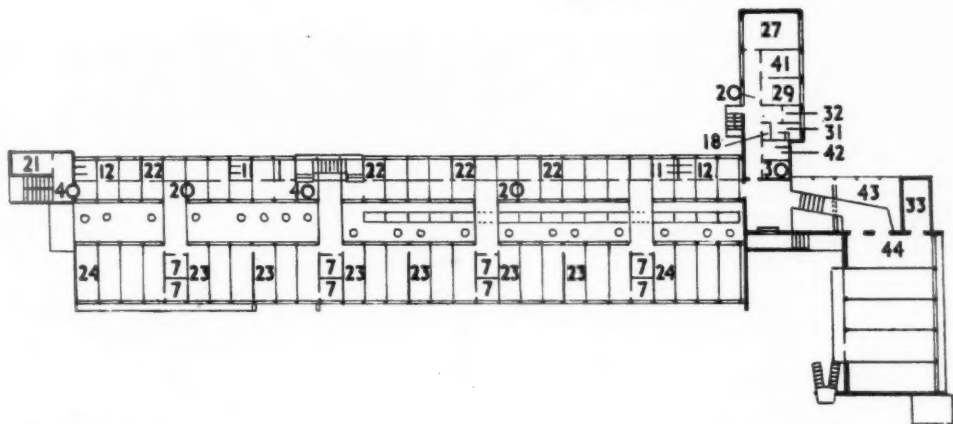
designed by YORKE, ROSENBERG
and MARDALL



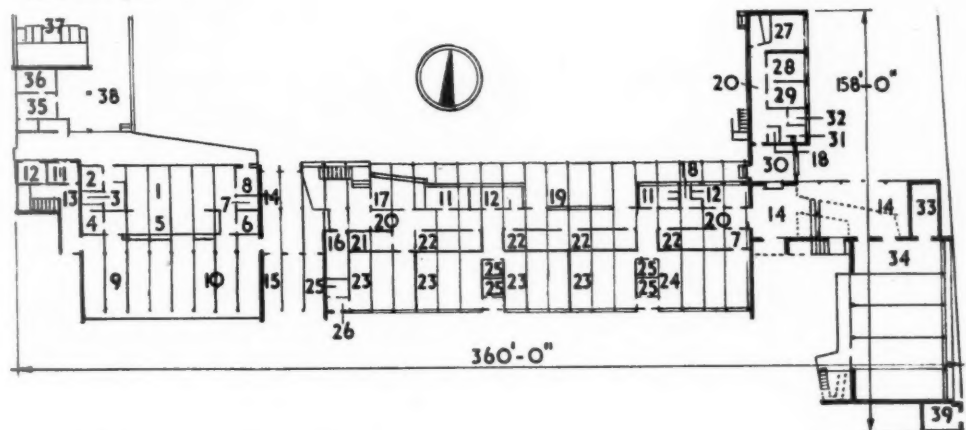
Plan of Nursery School [Scale: 1/4" = 1' 0"]

KEY

1. Kitchen
2. Larder
3. Store
4. Kitchen
5. Wash-up
6. Supervision
7. Stores
8. Veg. store
9. Junior dining
10. Infants' dining
11. Girls' lav.
12. Boys' lav.
13. Corridor and stairs
14. Entrance halls
15. Porch
16. General store
17. Medical
18. Cleaner
19. Play area
20. Corridors
21. Drying rooms
22. Coats
23. Classrooms
24. Gen. purpose
25. Classroom stores
26. Lobby
27. Staff rooms
28. Secretary's room
29. Head's room
30. Waiting room
31. Women's lav.
32. Head's lav.
33. Chair store
34. Infants' assembly
35. Caretaker's room
36. Meters
37. Fuel hatches
38. Kitchen yard
39. Transformer
40. Staircase and landing
41. Asst. Head's room
42. Men's lav.
43. Upper part, entrance hall
44. Junior assembly



First floor plan

Ground floor plan [Scale: $\frac{1}{4}$ " = 1' 0"]

RICARDO STREET NURSERY SCHOOL

designed by YORKE, ROSENBERG and MARDALL

GENERAL.—The nursery school (not yet completed), which occupies about 0.84 acre will accommodate 80 children and is a separate single-storey building, self contained except in that it will share the mechanical services with the main school. It has one large and one small playroom, lavatory

accommodation, staff rooms, entrance hall and kitchen. It also has entirely separate paved play spaces, sand pits and garden.

CONSTRUCTION.—Load bearing stock brick walls and light steel frame combined, covered by one-way pitched roof of copper.

The Nursery School, right (plan on left) is, in effect, entirely separate from the Primary School and is built in the shape of an "L," one storey high, so that a small courtyard is formed on to the end wall of the Primary School. As with the Primary School it will be administered and staffed by the LCC.





SHOPPING CENTRE AND MARKET PLACE

designed by
FREDERICK GIBBERD
assistant architect :
J. B. FORREST

GENERAL.—The Shopping Centre and Market Place, which provides an open space for the stalls of the street traders, is restricted to pedestrians and thus avoids the dangers from traffic. It has shops on two sides, set back beneath maisonettes and

flats to form covered arcades for shelter in wet weather. On the south side is a covered market with permanent stalls for the sale of meat and fish, giving protection from dust and the weather. Adjoining this is a public lavatory, and a clock tower

Above : view from south of shopping precinct, with covered market in foreground (right). Below : an entrance into shopping precinct. Buildings are arranged to form intimate and rather confined urban spaces in contrast to the open Market Place.



KEY

- | | |
|--------------------------|----------------------------|
| 1. Shops and maisonettes | 5. Pram store |
| 2. Shop on three floors | 6. Stalls in Market Square |
| 3. Public house | 7. Covered market |
| 4. Garages | 8. Public lavatory |
| | 9. Clock Tower |

is being built with a look-out platform at the top. Along the southern boundary of the market square is a small garden, laid out with a pattern of paving stones, flowers and trees. The Shopping Centre will serve not only the whole of Lansbury, but adjoining neighbourhoods. It will ultimately be extended. Shops will be apportioned by trades according to the needs of the neighbourhood. They will be, in the first place, offered to traders displaced from Chriss Street. The paved area is laid out in a varied rectangular pattern, to provide visual interest and to define the positions for the collapsible stalls in the market area. A public house is situated at each end of the Market Place. The large shop on three floors begins the double arcade of shops, and its different treatment adds interest to this corner of the square. The maisonettes are mainly two-bedroom dwellings, though a few have three bedrooms, with a kitchen-dining room and a living room beneath. They have bow windows overlooking the market place and private terrace gardens behind, over the back of the shops. These gardens form the approach to the dwellings from the service road.

CONSTRUCTION.—This is mainly of London stock brick and dark plum red brick, with reinforced concrete columns carrying beams over the shops to support the load-bearing brick walls of the maisonettes above. Floors are hollow tile between



Above : view up shopping precinct, with newspaper kiosk in foreground. Shop fronts on left are recessed to form shopping arcade. Below : market square from the south, with newspaper kiosk in centre, covered fish and meat market on right and shopping parade in background.



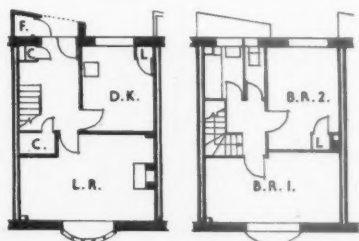


SHOPPING CENTRE AND MARKET PLACE

designed by FREDERICK GIBBERD

assistant architect : J. B. FORREST

shop and maisonette and timber for the second floor and roof. The columns to the arcade are faced with blue faience tiles and the three-storey shop is faced with light grey faience. The roofs are of grey-green slate and paving is coloured reconstructed stone.



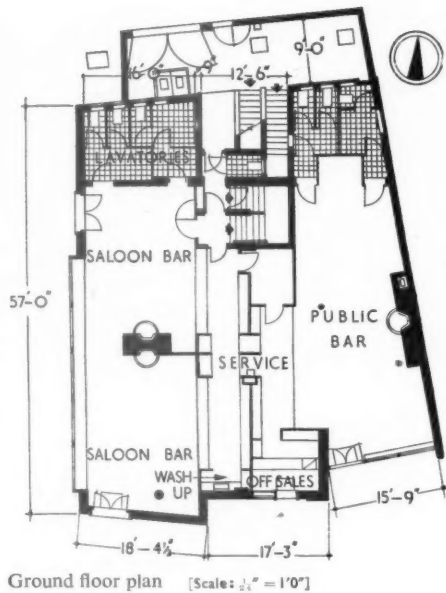
Typical maisonette plans [Scale: $\frac{1}{8}$ " = 1' 0"]

Coloured faience tiled columns support the maisonettes over the arcade (left) and stock brick walls are patterned with projecting headers. Bollards in the market place, seen in both pictures, house the electric supply and mark positions for open stalls.



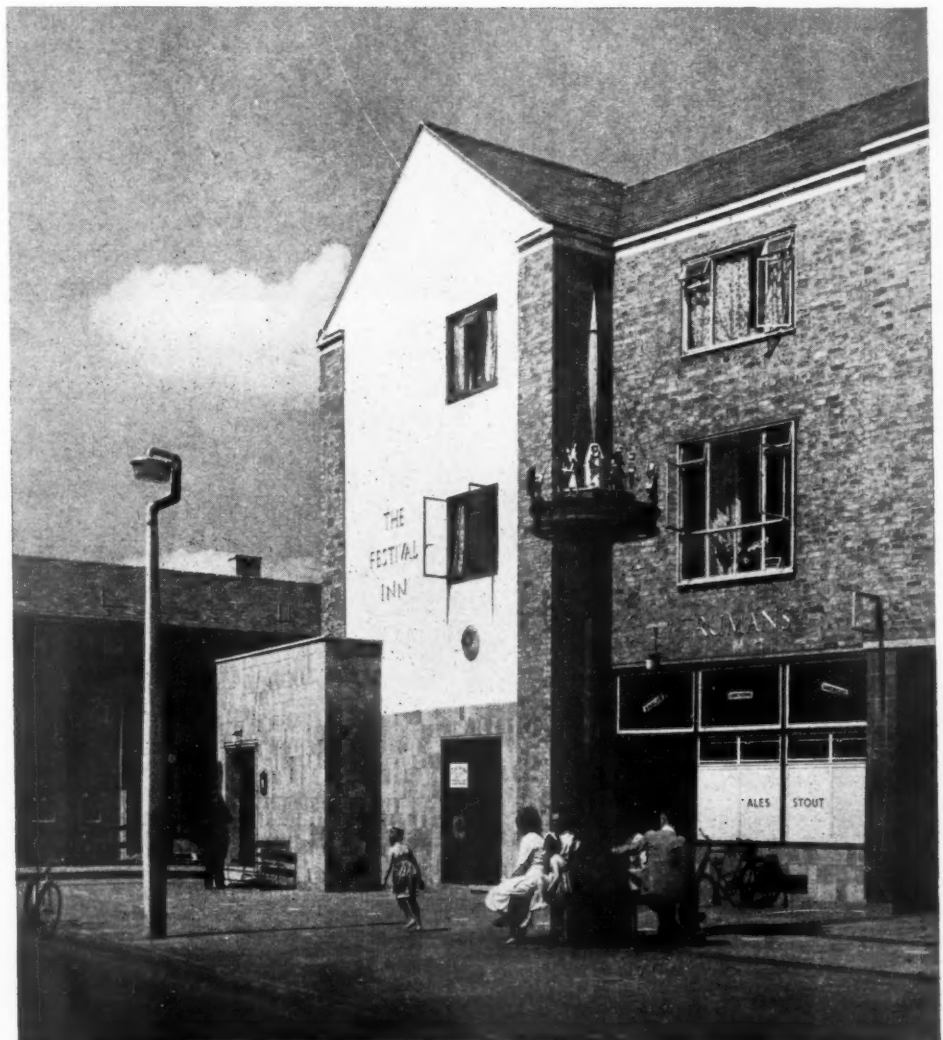
FESTIVAL INN

elevations by FREDERICK GIBBERD
interior by R. W. STODDART



GENERAL.—The "Festival Inn" forms part of the market buildings. External finishings are similar to those of the market buildings and consist of stock brickwork and a slated roof. The ground floor elevation is faced with Quarzite tiles. These give the inn "an architectural emphasis which will distinguish it from its neighbours." The sign is unusual. It consists of a central support around the base of which is a seat. On top of the central support there is a ring of carved figures representing "typical" Londoners dancing round a central shaft of light. The central light is a model of the South Bank vertical feature.

The Festival Inn from the south-east.

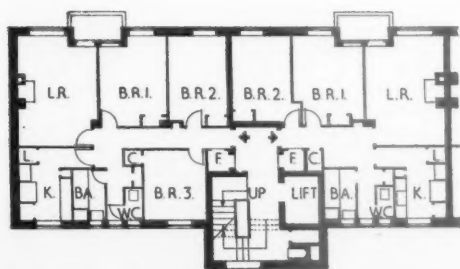




HOUSING: WEST SITE

designed by S. PINFOLD, LCC housing architect
and M. ROWLINSON, architect in charge
director of housing and valuer: CYRIL H. WALKER

GENERAL:—The LCC housing in the Lansbury Neighbourhood includes six-storey and three-storey buildings. The six-storey flats have passenger lifts large enough to carry perambulators. The majority of the flats have sun balconies attached to the living rooms, and the three-storey type has



Typical plans of six-storey flats. [Scale: $\frac{1}{8}$ " = 1'0"]

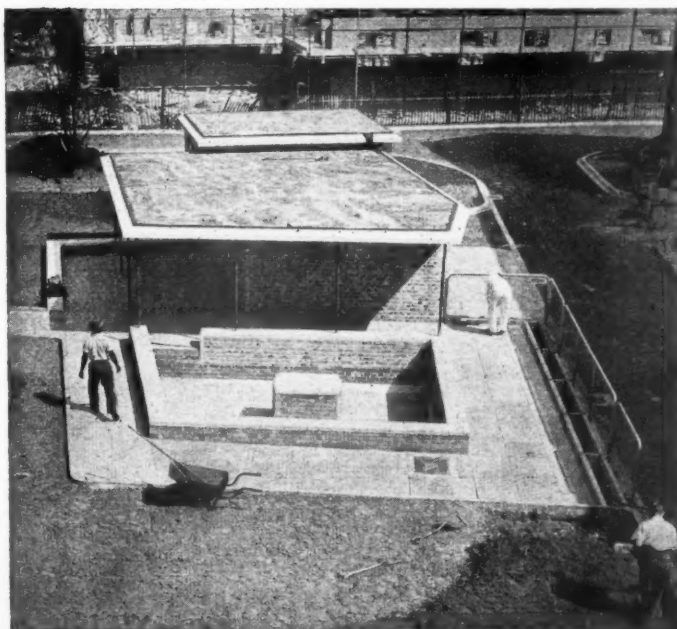
access balconies. There are fuel bunkers which can be filled from outside and refuse is disposed of by chute and container method from all floors. There is a laundry in one of the large blocks that had an existing basement and other blocks have laundry rooms on the ground or first floor. Each flat is equipped with a solid smokeless fuel fire and back boiler in the living room or bed-sitting room, supplying hot water to the bathroom, hand-basin and kitchen sink; the hot water storage tank is in a linen cupboard off the kitchen. One bedroom in each flat has an electric panel fire and electric power points are fitted in all other rooms. Each kitchen has a larder, dresser, broom cupboard, sink and draining boards and the necessary points for a gas or electric cooker. The open space surrounding the flats has pedestrian walks between the different blocks with grass and flower beds between. The three blocks with their frontage on the East India Dock Road are linked together by low buildings for



Left : the back elevation of a six-storey block (Stainsby Road) showing, on the right, the front of one of the three-storey blocks facing the East India Dock Road. Above : the back of this block. Below : a sandpit in small play space.

perambulator and cycle storage, which act as a screen separating the garden forecourt from the service road behind. This road provides access for vehicles to all blocks not directly accessible from the street. There is a children's playground in the centre of the site and the landscape garden surrounding the blocks includes sand-pits. Many existing trees have been preserved and new ones planted.

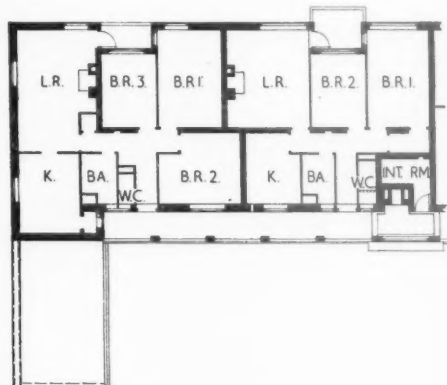
CONSTRUCTION.—All structures are of brick with load-bearing walls faced externally with London stock brick. In some cases there are reinforced concrete floors and, in others, reinforced hollow-pot floor construction. The six-storey blocks have low-pitch roofs with brick parapets; the three-storey ones have purple slates with gables and eaves. Glass brick panels are set in the balcony fronts as a decorative treatment and are similarly used in the access balconies of the three-storey flats. A variety of floor constructions is used which demonstrates



HOUSING: WEST SITE

designed by S. PINFOLD, LCC housing architect
and M. ROWLINSON, architect-in-charge
director of housing and valuer: CYRIL H.
WALKER

not only the normal filler joist and concrete construction but also a special proprietary type. Floor surfaces are finished in various plastic compositions now in general use by the Council. All plumbing is internal and is contained in ducts within the structure.



Typical plans of three-storey flats

[Scale : $\frac{1}{4}$ " = 1' 0"]

*Views of the three-storey flats facing
(right) the exhibition enclosure, and
(below) the East India Dock Road.*



EXPANDED

1. A WIDENED VERSION OF THE EGYPTIAN LETTER FORM.

THORNE 23

2. AN EARLY 19TH. CENTURY THREE-DIMENSIONAL FAT FACE.

THORowgood

3. A FULL-BLOODED, COLOURFUL EARLY 19TH. CENTURY FAT FACE, RECENTLY REVIVED.

CHISEL adg AR

4. A MODERN DISPLAY LETTER BASED ON A LATE 19TH. CENTURY LATIN FACE.

PLAYBILL a b c d e f g

5. A MID-19TH. CENTURY DISPLAY FACE STILL IN USE.

Bank Script

6. A MODERN AMERICAN COPPERPLATE SCRIPT.

DORIC Roman

7. THE ROMAN VERSION OF EXAMPLE 8 ON SHEET I. B6.

TYPE FACE LETTER FORMS SUITABLE FOR USE ON BUILDINGS (2).

Compiled by Charles Hasler for Eagle Pencil Company—Chemi-Sealed Turquoise pencils.

1.B9 TYPE-FACE LETTER FORMS SUITABLE FOR USE ON BUILDINGS (2)

This Sheet is the second of two giving examples of type-face letter forms suitable for use on buildings. Other examples are given on Sheet 1.B6. While it is not the intention of this series to discuss general aspects of the design of lettering a number of observations made by the compiler of this selection is of interest. They must be taken as the personal opinion of the compiler, although in most cases they are supported by the majority of informed opinion on the subject.

General

All the examples given on this Sheet had their origin in the 19th century and are developments or variations of type-faces 2, 3, 4 and 8 shown on Sheet 1.B6.

Egyptian Expanded

This is a widened version of the Egyptian face. It shows how a variation from the normal letter form can produce a new decorative quality. These types are generally referred to as "expanded" or "extended."

Thorne Shaded

This example shows the earliest variation of the Fat Face. It was the first attempt at producing a letter of three-dimensional character. Introduced by Robert Thorne in the early 19th century it has been revived under the name Thorne Shaded.

Thorrowgood

Probably the finest of all the early Fat Face italic types, this face is more spirited and colourful than the modern versions. It has been revived since the war.

Chisel

Based on a bold Latin face of the late 19th century, this type-face demonstrates how a completely new character can emerge from the careful and intelligent adaptation of an earlier form. Two of the Latin characters are shown for comparison.

Playbill

This is a survival of one of the many French Antiques of the mid-19th century and probably grew out of the Egyptians. Although its condensed character gives it a vertical emphasis, its heavy slab serifs give it a secondary horizontal emphasis.

Bank Script

Bank Script is a modern American version of the many copperplate scripts most of which made their appearance during the last century. Marina is an equally good but lighter British version.

Roman Doric

This face is the Roman version of example 8 on Sheet 1.B6.

Letter Spacing

Lettering, architecturally, is as much a unity, a piece of texture, as good brick or stone work. The spaces

between letters and words is every bit as important as the letters themselves and good spacing consists of a *visual* equalising of the distances between the letters. Capital letters are less immediately readable than are lower case letters and invariably require at least a small amount of "letter-spacing." This spacing becomes all the more necessary with words which make up awkwardly, e.g.

RAILWAYS or RAILWAYS
not RAILWAYS or RAILWAYS

A good general standard of letter-spacing is an overall width of half as much again as the width of the type would be if closely set, i.e. one and a half times its own "measure," e.g.

RAILWAYS

This line is set to its own measure.

RAILWAYS

This line is letter-spaced to approximately one and a half times its own measure.

Enlarging Typesettings

Most exhibition designers will be familiar with the current practice of enlarging typeset captions, etc. photographically and this process can be used to enlarge letters to any size thereby preserving their characteristics. This method is particularly useful for providing full-sized templates for three-dimensional letters and preserves the letter-spacing of the original typesetting. Enlargements are also useful to show where small adjustments may be necessary to letters, especially when small originals are enlarged considerably. These adjustments usually take the form of slightly shortening serifs, etc. and the greater the degree of enlargement the more necessary it becomes to make these adjustments. It is, therefore, always better to start with as large a size of type as possible.

Type Sizes

Printers and typesetters use the "point" and the "em" as their units of measurement, these being, for all practical purposes, 1/72 in. for size of type and 1/6 in. for width of setting respectively.

The largest type size is usually 72 point, but this does not mean that the letters are one inch high. It is the measurement of the depth of the metal body on which the letter is cast and has to include also that part of lower case letters which project "below the line" e.g. the tails of g, p, y, etc.

This Series of Sheets covers geometrical drawing, orthographic, isometric and axonometric projections, perspective, rendering, lettering and draughtsmanship generally.

Compiled from information supplied by :

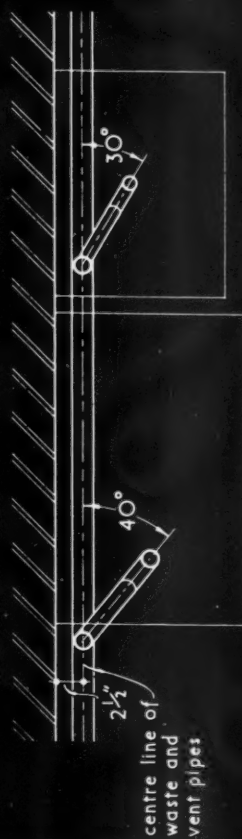
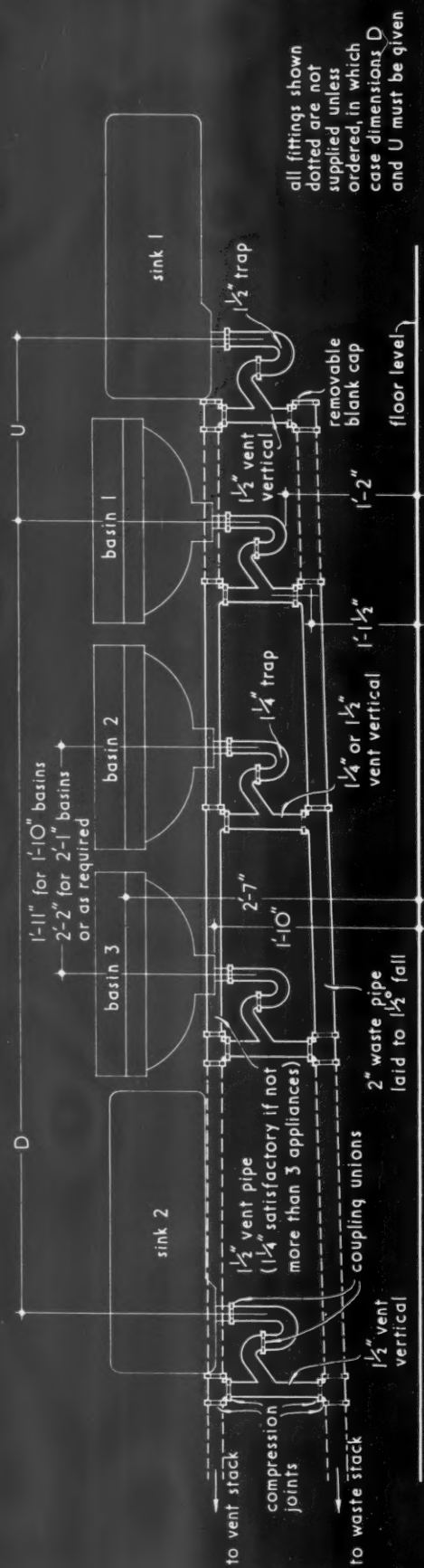
Eagle Pencil Company.

Address : Ashley Road, Tottenham, London, N.17.

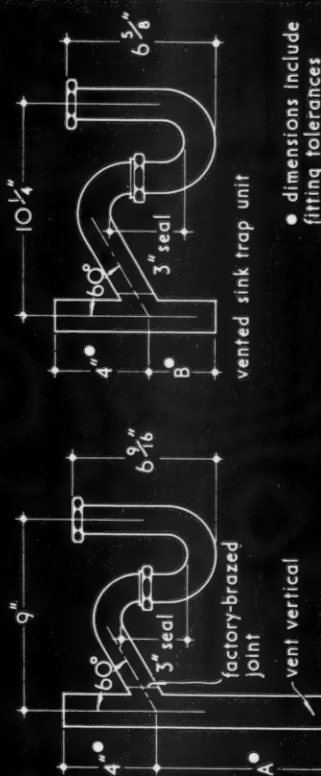
Telephone : Tottenham 4435-6-7.

Telegrams : Octennial, London.

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PART PLAN AND ELEVATION OF VENTED
WASTE RANGE.



- dimensions include fitting tolerances

basin nos.	A	sink no.	B
1, 2, 3	7 $\frac{3}{4}$ "	1	7 $\frac{1}{8}$ "
4, 5, 6, 7	10 $\frac{1}{4}$ "	2	dependent on dimension D
8, 9, 10	1'-0 $\frac{1}{8}$ "		

DETAILS OF TRAPS.

number of basins	=
centres of basins	=
dimension U (if required)	=
dimension D (if required)	=

ORDERING DATA:

33.B1 'ECONA' COPPER PLUMBING TO RANGES OF LAVATORY BASINS : VENTED SYSTEM

This Sheet deals with the vented system of Econa copper plumbing for single ranges of lavatory basins. The drawings show an arrangement of basins and indicate how a sink can be set at either end of the range. The horizontal vent pipe is shown below the basin overflows and is fitted in this position in the majority of installations. Where it is possible to incorporate a false wall in the general construction it is recommended that the pipe be raised above the level of the basin overflows. Ceramic basins to B.S.1188 : 1944 are shown but the system is equally applicable to other sizes and types of basin.

Material

Traps, waste and vent pipes are constructed from copper tube to B.S.659 : 1944, *Light gauge copper tubes for water, gas and sanitation.*

Design and Construction

Pipework generally: Pipes and fittings are designed to provide an even bore throughout their length, there being no restrictions at the various joints. Since no castings are used, there are no rough internal surfaces on which hair or fibre can begin to form a blockage. The sections of waste and vent pipe between basins are supplied slightly longer than necessary so that they can be cut to the correct length on the site. They are also combined with tee junctions so that only two joints instead of three are required at these points.

Joints: Two types of joint are employed. A coupling union and an Econa compression joint. The coupling unions allow the traps to lie in the most convenient line and, therefore, permit the installation of the unit even if the waste fitting on the basin or sink is not the standard distance away from the wall exactly. The compression joints are supplied brazed into position on the fitting concerned. They employ a patent split ring, which compresses the copper and makes a sound joint. This ring can be easily removed, without being destroyed, thus enabling the joint to be unmade and remade without damage to itself, the nut or pipe.

Traps : Cleaning eyes are not necessary as the coupling unions may be readily disconnected and the outlet elbow removed for cleaning when required.

Pipe Sizes

The sizes of traps, waste pipes and vent pipes are shown on the face of this Sheet. Where very large sinks are installed alongside lavatory basins, 2-in. traps are available.

Compiled from information supplied by :

Econa Modern Products Ltd.

Address : Aqua Works, Warwick Road, Tyseley,
Birmingham, 11.

Telephone : Acocks Green 2211/2.

Telegrams : Acocks Green 2211/2 Birmingham.

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HOUSING: EAST SITE

designed by G. A. JELlicoe

GENERAL.—The two-storey and three-storey housing, in Grundy Street, illustrated here forms part of the largest housing site in the exhibition area.

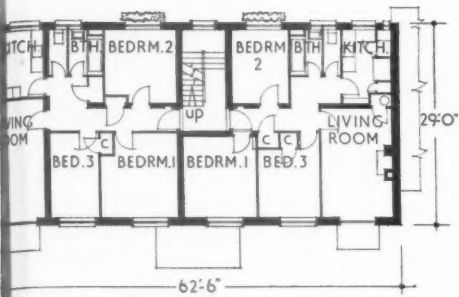
CONSTRUCTION OF TWO-STOREY HOUSING.

—These houses have cement concrete foundations; 11-in. external cavity walls; 9-in. brick party walls; loadbearing walls of $4\frac{1}{2}$ -in. brick; partitions of 2-in. breeze. The ground floors are of solid construction, finished with Marley tiles. Other floors are of boards on wood joists. Roofs covered with Welsh slates. Windows are standard metal casements in wood frames. Front door surrounds are of reconstructed Clipsham stone. Panels to the sides of the front doors are of fluted asbestos. Internal walls are in cement gauged lime plaster finished with washable distemper. Hot water is supplied from back boilers to living-room grates.

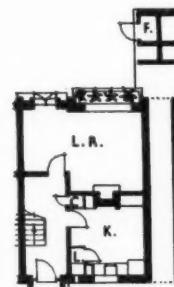
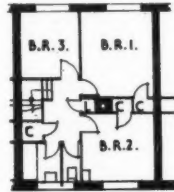
CONSTRUCTION OF THREE-STOREY BLOCK.

—This block of six flats has cement concrete foundations and $13\frac{1}{2}$ -in. external walls. Hollow tiles are laid on the floors and the flat roof is of hollow tile construction, finished with patent flat roofing. (Otherwise construction is as for the two-storey housing.) The balconies are the *in situ* concrete cantilever type, finished on the upper surface with 6-in. by 6-in. quarry tiles; balustrading is of

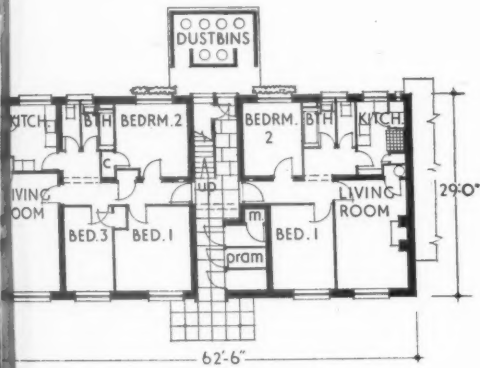
Two- and three-storey housing, East Site, Lansbury.



First and second floor plans



Ground and first floor plans of 2-storey houses
[Scale: $\frac{1}{4}$ " = 1' 0"]



Ground floor plans of 3-storey flats [Scale: $\frac{1}{8}$ " = 1' 0"]

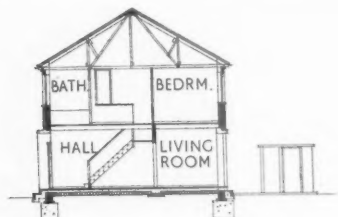


HOUSING: EAST SITE

designed by G. A. JELlicoe

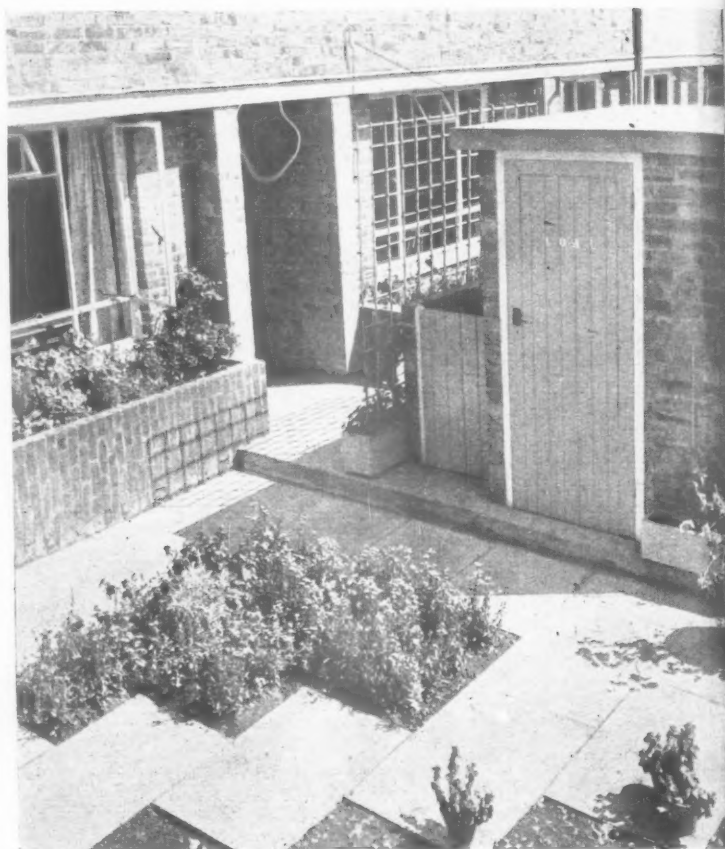
mild steel with interlaced metal grilles fixed to the internal face. (The design of the balconies was changed at the last moment owing to shortages of materials.)

GARDEN.—On this page is shown the garden of the Show House in Grundy Street, which has been laid out by the architect. The gardens are very



Section through two-storey house
[Scale: $\frac{1}{4}$ " = 1' 0"]

short and as tenants are required to hang their linen lines diagonally across them the architect has shown how a diagonal path may be arranged. In spite of the smallness of the gardens it is claimed that the planting of vegetables on the same scale as in the Show Garden would be worth £9 a year. A comprehensive hedge, tree and grass planting scheme will be put into operation on this site in the autumn.



The Show House garden, designed by G. A. Jellicoe,

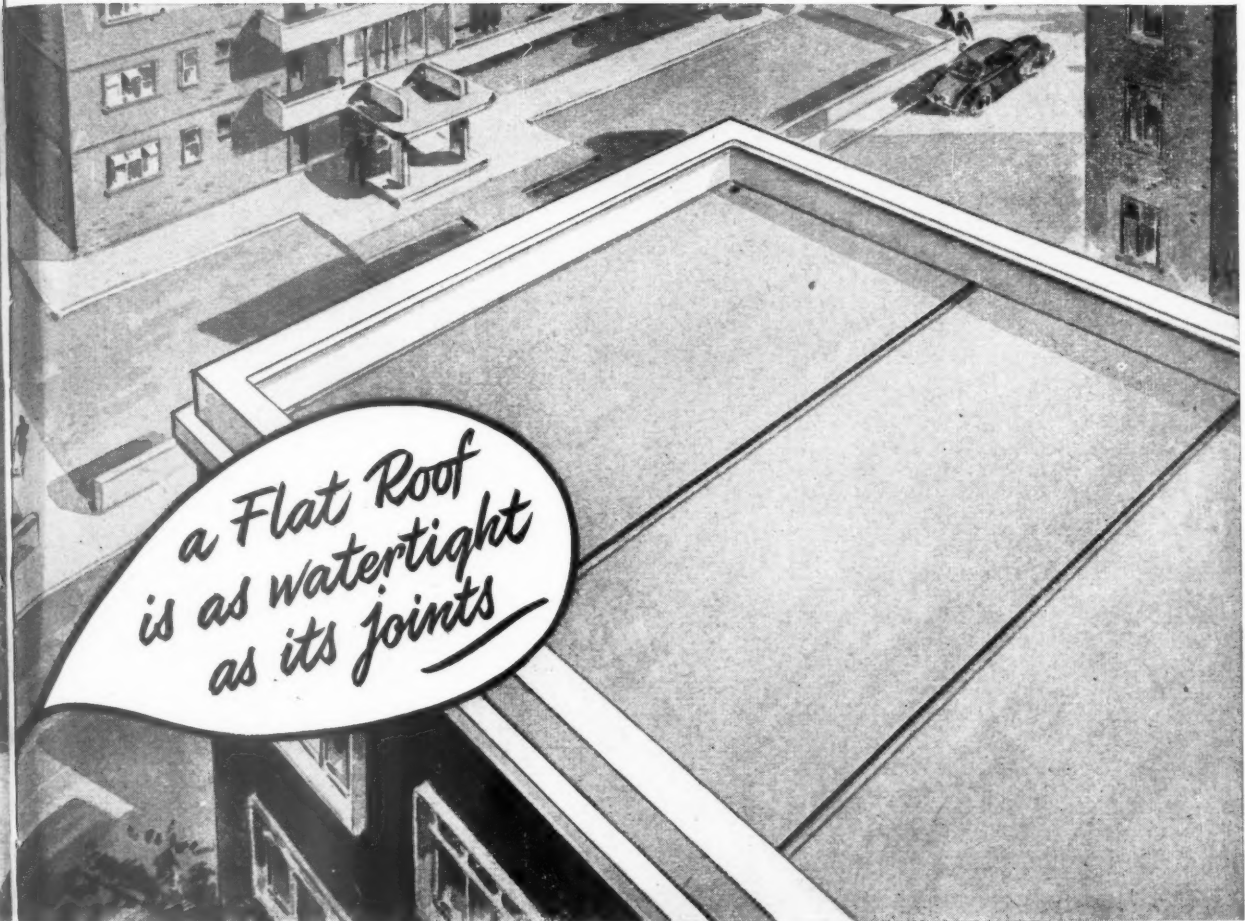


Terrace housing, on the Central Site, with Town Planning Pavilion beyond.

HOUSING: CENTRAL SITE

designed by BRIDGEWATER and SHEPHEARD

TERRACE HOUSES.—These are grouped in one area of eleven along Canton Street and in two other groups of four at right angles to Pekin Street, facing one another across a court which is paved and planted with small trees. Each terrace house has a 20-ft. frontage with all access, including that to the kitchen, coal space and dustbin, on the road side. The garden is thus free from obstruction and there is no necessity for back alleys or tunnels. In order that people coming in from the garden should not dirty the floors of living rooms, the area behind the garden door—the dining recess—is covered with quarry tiles. The area of each house is 1,010 sq. ft., including coal and dustbin recess and passage to back door.



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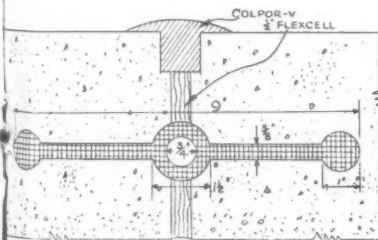
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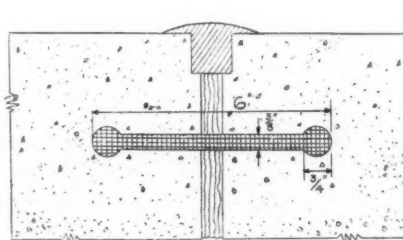
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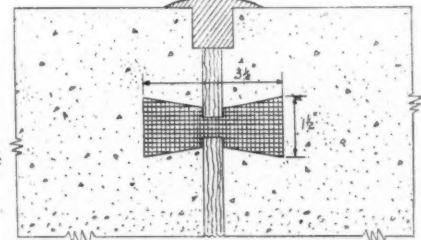
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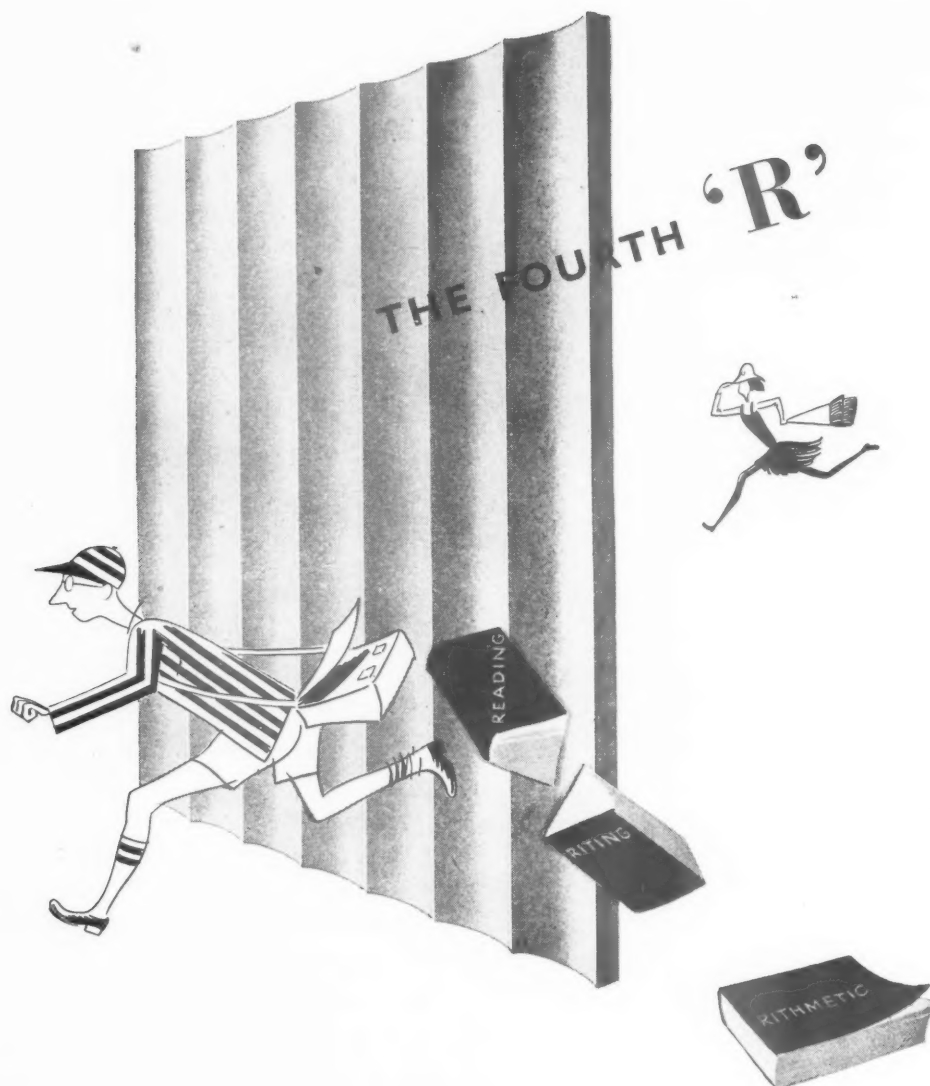


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HOUSING: CENTRAL SITE

designed by BRIDGEWATER and SHEPHEARD



Back elevation of terrace housing, Central Site.

LINKED HOUSES.—These are adapted from a plan not uncommon in Victorian days, in which all the main rooms of the house are in one semi-detached block and in which the bathrooms and w.c's form a lower link between the blocks. The ground floor of this link is occupied by coal storage, dustbin and a space for cycles, tools, etc., and gives a way

through to the garden. There is a large through living-room (254 sq. ft.). The total area of the house, including the covered storage way, is 1,016 sq. ft.

CONSTRUCTION.—As for terrace houses. (See above.)

Work in progress on linked housing, Central Site.



Typical ground floor and first floor plan
[Scale: 1"=10']



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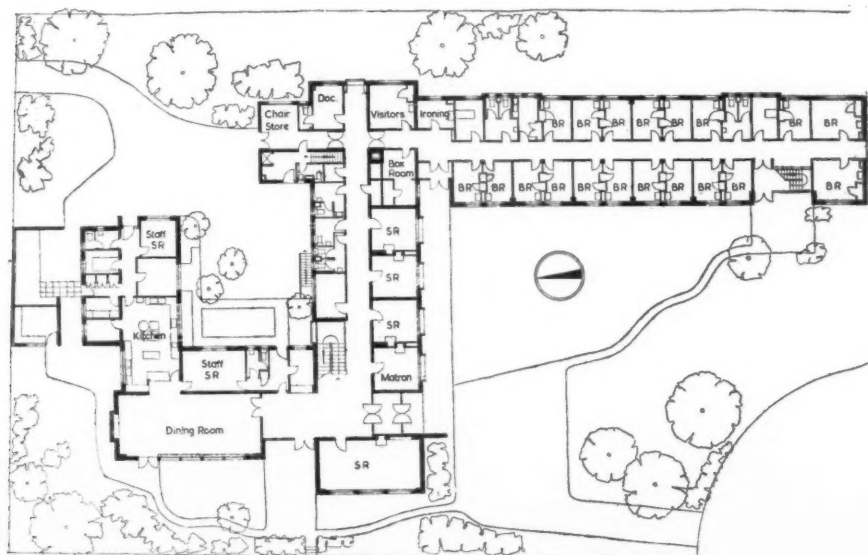
OLD PEOPLES' HOME

Designed by BOOTH, LEDEBOER
and PINCKHEARD

GENERAL.—The Welfare Committee of the LCC had this Home designed specially to meet the needs of old people. Its own staff will look after them. The Home, which is sited in a central position near the churches and not far from the shops, is built on two floors and accommodates forty-nine old people and a staff of five, in addition to non-resident staff. Each occupant has his or her own bed-sitting room fitted with washbasin and built-in wardrobe, and there are also a few double bed-sitting rooms for couples. There are five sitting rooms which are shared; a large one equipped with television, the others with radio. The common dining room can

also be used as a cinema. Special attention has been paid to such details as non-slip floors, handrails to corridors and staircases. These are designed to make them specially easy for old people to use. The garden round the Home has been arranged to give attractive views from the loggias and to provide sheltered seats among the trees and shrubs.

CONSTRUCTION.—The structure is of brick with reinforced concrete floors, and the roof is of slates and low pitched. The building is centrally heated, insulated against heat losses through walls and roofs, and sound-insulated between floors.



Ground floor plan [Scale: $\frac{1}{4}$ " = 1' 0"]

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Architects: F. Gibberd, F.F.R.I.B.A.

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HOUSING SITE No. 5

Architects: Norman & Dawbarn, F.R.I.B.A.

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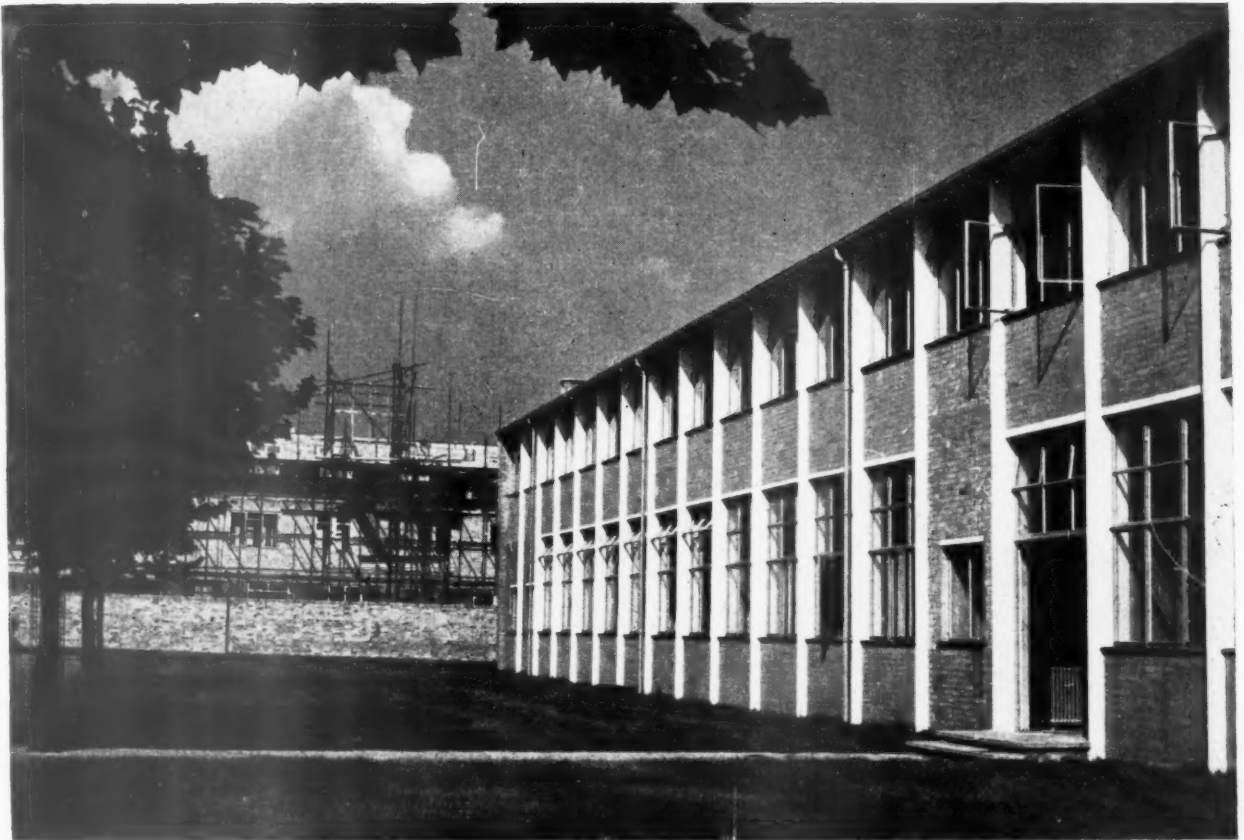
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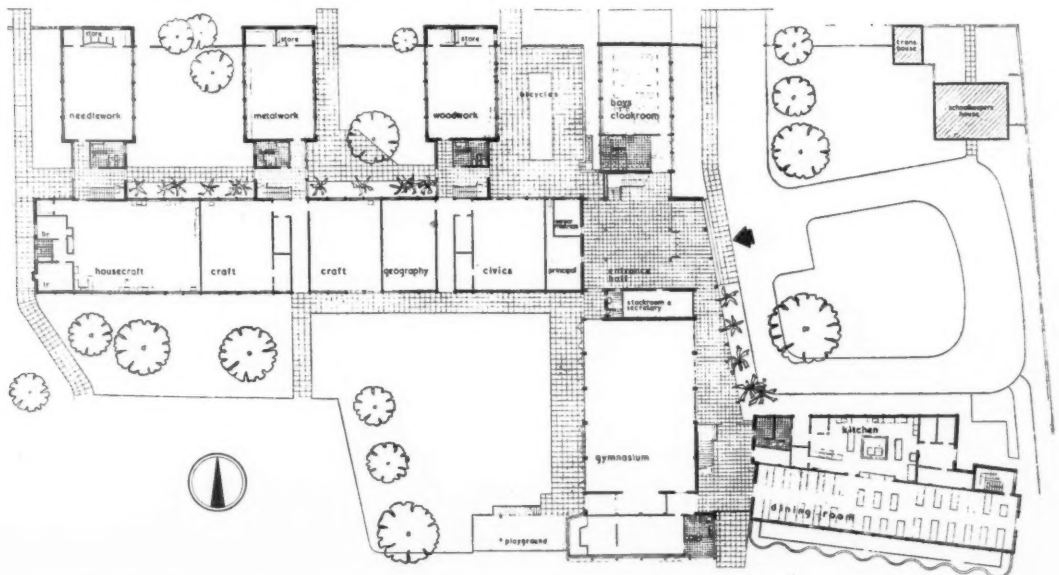
ROMAN CATHOLIC SECONDARY SCHOOL

designed by DAVID STOKES

GENERAL.—This is a three-form-entry secondary school for boys and girls, designed for the Roman Catholic authorities, to accommodate 450 children between the ages of eleven and fifteen. The long main block of classrooms has a south aspect through a screen of trees to the playground. Three small classroom blocks for crafts and sciences, and a fourth block containing the cloakrooms are set at right angles to this main block on the north side

connected to it by a covered corridor on the first floor only. The absence of such a corridor on the ground floor permits cross lighting and ventilation for the classrooms on that floor. The assembly hall is placed above the gymnasium.

CONSTRUCTION.—The structure is of exposed reinforced concrete frame with load-bearing brick walls.



Ground floor plan [Scale: $\frac{1}{8}$ " = 1'0"]

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Buildings Illustrated

Exhibition Site, Lansbury, Poplar. (Pages 277-283.) Architects: FOB offices: see page 283. General Contractors: Hall, Beddall & Co. Ltd. Sub-contractors: Roofing, Standard Flat Roofing Co. Ltd., D. Anderson & Son Ltd., Permanite Ltd.; ironmongery, Yannedis & Co. Ltd.; metal windows, Crittall Manufacturing Co. Ltd.; patent glazing, Williams & Williams Ltd.; Bostwick Gates, etc., Bostwick Gate & Shutter Co. Ltd., Light Steelwork (1925) Ltd., Haywards Ltd.; electrical installation, Barlow & Young Ltd.; sanitary fittings, W. N. Froy & Sons Ltd., Pryke & Palmer Ltd.; railings, Bayliss, Jones & Bayliss Ltd.; pre-cast paving slabs, Stent Precast Ltd.; vertical feature, Sir Robert McAlpine & Sons Ltd.; rolling shutters, Geo. Brady & Co. Ltd.; canvas coverings, Adam & Lane & Neeve Ltd., Piggott Bros. & Co. Ltd., John Edgington & Co. Ltd.; tubular framework, Mills Scaffold Co. Ltd., The Geo. H. Gascoigne Co. Ltd.; steel structure, S. W. Farmer & Co. Ltd., Aston Construction Co. Ltd., F. Piper & Sons Ltd., Hills (West Bromwich) Ltd.

Trinity Church, Poplar. (Pages 284-286.) Architects: Cecil C. Handisyde & D. Rogers Stark, A./A.R.I.B.A., A.A.Dip. Assistant architect in charge: R. V. Ward, M.B.E., B.A.R.C.H. (L'POOL.) A.R.I.B.A. Structural consultant, Felix J. Samuely, B.Sc.(Eng.) Lond., A.M.I.C.E., M.I.STRUCT.E., F.I.A.S., M.I.W. Heating Consultants: John Porges, M.I.MECH.E., M.I.NST.F. Quantity Surveyor: Davis, Belfield & Everest. General Contractor: Tersons Ltd. Sub-contractors: Hardboard, C. F. Anderson & Son Ltd.; blinds, J. Avery & Co. Ltd.; glazier, Aygee Ltd.; joinery P. H. Baker & Son Ltd.; balustrading, The Blatter Engineering Co. Ltd.; pre-cast concrete and grano paving, F. Bradford & Co.; roofing and tanking, Wm. Briggs & Sons; convectors, British Trane Co. Ltd.; glazed tiling, Carter & Sons; ferrocrete, The Cement Marketing Co.; steel wall panels, floor access covers, Clark, Hunt & Co. Ltd.; cork insulation, The Cork Insulation and Asbestos Co. Ltd.; metal windows, The Crittall Manufacturing Co. Ltd.; sanitary appliances, Dent & Hellyer Ltd.; plumbing, Engineering Service Installations; general iron work, S. W. Farmer & Son; piling, The Franki Compressed Pile Co. Ltd.; spotlights, The General Electric Co. Ltd.; clocks Gent & Co. Ltd.; hand lift, Gibbs Bros. & Lucas; bell, Gillett & Johnston Ltd.; artificial stone, Girling Stone Ferro Concrete Co. Ltd.; lightning conductor, J. W. Gray & Son, Ltd.; vent grills, Greenwards & Airvac Ventilating Co. Ltd.; painting, Ferrott Grenville Ltd.; heating and ventilation, G. N. Haden & Sons; louvre air bricks, G. A. Harvey & Co. Ltd.; plasterers, H. J. Hitchins Ltd.; soft furnishings, Gerald Holton; stone flooring, The Hopton Wood Stone Firms Ltd.; central light fittings, Hume Atkins & Co. Ltd.; dome lights (rectangular), T. & W. Ide Ltd.; pre-cast Terrazzo faced columns, The Liverpool Artificial Stone Co.; fletton bricks, The London Brick Co.; electrical installations, London Electricity Board; floor tiles, Marley Tile Co. Ltd.; "Windsor" flooring, Oneite Flooring Co.; dome lights (circular) Pilkington Bros. Ltd.; fire extinguishers, Read & Campbell Ltd.; ironmongery, Rennis Ltd.; general reinforcement and fixing, Rem River Co. Ltd.; wall tiler, Harradine Rouse & Co.; pews, J. Sadd & Sons Ltd.; "Multigon" doors, J. Sandell & Co. Ltd.; scaffolding, Scaffolding (Gt. Britain) Ltd.; reinforcement, Square Grip Reinforcement Co. Ltd.; terrazzo, Standard Pavements Co. Ltd.; aluminium turret, Structural & Mechanical Development Engineers Ltd.; main frame, Super Cement Ltd.; church light fittings,

Troughton & Young Ltd.; facing bricks, Uxbridge Flint Brick Co. Ltd.; organ builders, J. W. Walker & Sons Ltd.; aggregates, G. Wiggins Ltd.; London stock facing bricks, Wills & Packham Ltd.

Lansbury Open Space. (Page 284.) Architect: Cecil C. Handisyde, A.R.I.B.A., A.A.Dip. Assistant architect in charge: W. H. Drake, A.R.I.B.A., A.A.Dip. General Contractors: Tersons Ltd. Sub-contractors: Stock bricks, Wills & Packham; fencing, Bayliss Jones & Bayliss, S. W. Farmer; precast copings, Girlingstone Ltd.; precast pavings, Liverpool Artificial Stone Co.; garden work, Grassphalte Ltd.

Primary School. (Pages 287-289.) Architects: F. R. S. Yorke, F.R.I.B.A., E. Rosenberg, F.R.I.B.A., and C. S. Mardall, A.R.I.B.A. Consulting engineers: Clarke, Nicholls and Martel. Main Contractors: Tersons Ltd. Sub-contractors: roofing, William Briggs & Sons; copper, Stitsons Sanitary Fittings; sprayed ceilings, Frederick Braby & Co., Meta Mica Ltd.; accotile floors, Armstrong Cork Co.; ceilings, Sundeala Board Co.; venetian blinds, Tidmarsh & Sons, Gliksten Doors Ltd.; garden layout, Grassphalte Ltd.; windows, Williams & Williams Ltd.; handrails, Clarke, Hunt & Co.; joinery & fittings, Rippers Ltd.; fencing, Bayliss, Jones & Bayliss Ltd.; w.c. partitions, Mosaic & Terrazzo Precast Co.; roofs, Stramit Boards Ltd.; fibrous plaster, Dejorcs, Granwood Flooring Co.; structural steel, Hills (West Bromwich) Ltd.; ironmongery, Rennis Ltd.; tiles, Carters.

Shopping Centre and Market Place. Pages 290-292.) Architects: F. Gibberd, F.R.I.B.A., M.T.P.I. General Contractors: Leslie & Co. Ltd. Sub-contractors: Electrical work, Bective Electrical Co. Ltd.; roof finishes (asphalte), The Neuchatel Asphalte Co. Ltd.; plumbing, Shouksmith & Sons Ltd.; metal windows, Williams & Williams Ltd.; h.c. floors, terrazzo tiling, Diespeker & Co. Ltd.; slate roofs, N. F. Williams Ltd.; dust chutes, Frederick Braby & Co. Ltd.; faience tiling, The Leeds Fireclay Co. Ltd.; roller shutters, The Shutter Contractors Co. Ltd.; tiled fireplace, surrounds, B. Finch & Co. Ltd.; handrails and balustrades, Norris Singer Ltd.; kitchen fitments, Kingston (Architectural Craftsmen) Minster Works; shop signs, Adrian Stokes Ltd.; door furniture, A. J. Binns Ltd.; asphalte gutters, Coverite Asphalters Ltd.; paints, Jensen & Nicholson; granite bollards, The Empire Stone Co. Ltd.; patent glazing, Haywards Patent Glazing Co. Ltd.; tiles (floor), Marley Tiles Ltd.; London stock bricks, The Milton Hall Brick Co. Ltd.

The Festival Inn. (Page 293.) Architects: Elevations by Frederick Gibberd. Interior by R. W. Stoddart, F.R.I.B.A. General Contractor for main structure: Leslie & Co. Ltd. General Contractor for internal finishes: Fassnidge, Son & Norris Ltd. Sub-contractors: Interior bar finishes (including counters and back fittings), James Walker (Architectural Decorations) Ltd.; hollow tile floor and stairs, Diespeker Ltd.; structural steelwork, Aston Construction Co. Ltd.; quartzite tiles, John Stubbs (Marble & Quarzite) Ltd.; electrical work, John Lightfoot; heating and hot water supplies, J. & F. May; sanitary fittings, Shanks & Co. Ltd.; bar window, C. E. Westead Ltd.; other windows Williams & Williams Ltd.; door furniture and iron work, Adrian Stokes Ltd.; asphalte, General Asphalte Co. Ltd.; pewtering, Gaskell & Chambers Ltd.; kitchen equipment, Painter Bros.; wood block flooring, Acme Flooring & Paving Co. (1904) Ltd.; roofing, D. Anderson & Son Ltd.; lettering, Wainwright & Waring Ltd.; patent cellar flaps, F. Williams; lift and hoist, Aldous & Campbell Ltd.

Temporary shops, Shopping Centre and Market Place. (Pages as above.) Architect: L.C.C. Architects department. General Contractor: John Harrison (London) Ltd. Sub-contractors: Facing bricks, R. Passmore

& Co. Ltd.; asphalte, Permanite Ltd.; flush doors, John Harrison Ltd.; paints, Lewis Berger & Son Ltd.; sanitary equipment, B. Finch & Co. Ltd.; electrical work, London Electricity Board; gas services and plumbing, Smeaton & Sons Ltd.; supply and fixing of asbestos sheets, J. G. Tuxford; decorating, H. Gazeley.

Housing: West Site. (Pages 294-296.) LCC Architects: Cyril H. Walker, F.R.I.B.A., Director of Housing and Valuer, S. Pinfold, A.R.I.B.A., Housing Architect, M. Rowlinson, F.R.I.B.A., Architect-in-Charge. General Contractor: Tersons Ltd.; bricks, Richard Parton (Builders Merchants) Ltd.; structural steel, Johnson Ltd. and T. C. Jones Ltd.; slates, Williams; special roofings, Turners Asbestos; partitions, Bellrock Gypsum Industries Ltd., Beechcroft Ltd.; glass, Aygee Ltd.; patent flooring, Bruce Martyn Ltd., Marley Tiles; gas fixtures, North Thames Gas Board; laundry, Heatrae (Norwich) Ltd.; electric wiring, Ayr Engineering Co. Ltd.; plumbing, Martins (Brockley); door furniture, Nettlefold Morer & Co. Ltd.; casements, Crittalls Ltd.

Housing: East Site. (Pages 297-298.) Architect: G. A. Jellicoe, F.R.I.B.A. General Contractor: Tersons Ltd. Sub-contractors: Fireproof floors, Caxtons; slating to roofs, E. F. Williams Ltd.; metal windows, Crittalls; plumbing, Martin (Brockley) Ltd.; electrical installation, Holiday Electrical Ltd.; fireplaces and door furniture, W. N. Froy; facing bricks, Wills & Packham, Eastwoods; sanitary fittings, L.C.C. supplies; structural steelwork, Powers, Dean & Ransome; floor tiling, Marley Tiling Co.; piling, Simplex Concrete Piles, Spent Concrete Piles; painting, C. & T. Painters Ltd.; other roofing, D. A. Anderson & Sons Ltd.

Housing: Central Site. (Pages 298-299.) Architects: Bridgewater & Shephard, F./A.R.I.B.A., A.M.T.P.I., A.L.L.A. General Contractor: A. E. Symes Ltd. Sub-contractors: Plumbing, Matthew Hall & Co. Ltd.; electricians, Haines & Sheppard Ltd.; glazing, Tabors Ltd.; joinery, Jayanbee Joinery Ltd.; kitchen fitments, Austins of Ilford; plastering, Co-Plastering Co. (East); asphalter, Natural Rock Asphalt; reinforcement, "Twistee" Reinforcement Ltd.; steel and ironworker, Clark Hunt & Co. Ltd.; floors, Marley Tile Co. Ltd.; facing bricks, Uxbridge Flint Brick Co. Ltd.; roof slating, L. Whittaker & Co. (London) Ltd.; metal door frames, Morris Singer Co. Ltd.; interior tiling, E. F. Williams Ltd.; fireplaces and combination grates, Broad & Co. Ltd.

Old Peoples' Home. (Page 300.) Architects: Booth & Ledebor, A./F.R.I.B.A. General Contractors: C. Miskin & Sons Ltd. Nominated Sub-contractors: Plumbing, W. H. Earley Ltd.; heating and hot water, Earley and Noon Heating Co. Ltd.; gas installations, North Thames Gas Board; slate roofing, chimney copings and plinths, E. F. Williams Ltd.; ash hoist, Bennie Lifts Ltd.; rubber floors, E. J. Elgood Ltd.; cork tile floors, Armstrong Cork Co. Ltd.; wood block and sematic tile floors, Hollis Bros. Ltd.; terrazzo cills, Art Pavements & Decorations, Ltd.; electrical installations, Troughton & Young, Ltd.; kitchen equipment, The Falkirk Iron Co. Ltd.; glazed wall tiling and floor tiles, Carter & Co. (London) Ltd.; Nominated Suppliers: Facing bricks, Cremer Whiting & Co. Ltd.; flush doors, Gliksten Doors Ltd.; metal windows, James Gibbons Ltd.; precast concrete dressings, Enfield Stone Co. Ltd.; metal balustrades, Clark Hunt & Co. Ltd.; fireplace interiors, Bratt Colbran, Ltd.; pressed steel cills, G. A. Harvey & Co. (London) Ltd.; ventilating grilles, Colt Ventilation Ltd.; sanitary fittings, Shanks & Co. Ltd.; steel rolling shutters, Haskins Rolling Shutters Ltd.; door mats, Russell Furnishings Ltd.; ironmongery, A. J. Binns Ltd.

Roman Catholic Secondary School. (Page 301.) Architect: David Stokes, F.R.I.B.A. General Contractor: C. Miskin & Sons Ltd. Sub-contractors: Electrical work, heating, Troughton & Young Ltd.; metal windows, Williams & Williams Ltd.; doors, Drytone Joinery Ltd.; roofing, Kent Asphalte Ltd.; horticultural work, Ralph Hancock & Son; tar paving, colourphalt flooring, Limmer & Trinidad Lake Asphalte Co. Ltd.; paints, Gay's Stic B.; sanitary fittings, W. N. Froy & Sons Ltd.; alto flooring, Adamite Co. Ltd.; wood flooring, Horsley Smith & Co. Ltd.; accotile flooring, Armstrong Cork Co. Ltd.; granit tile flooring, Caledonian Concrete Co. Ltd.; quarry tile flooring, Simpson & Sons Ltd.; ironmongery and railings, Adrian Stokes Ltd.; structural steel, Boulton & Paul Ltd.; cloakroom fittings, Clark Hunt & Co. Ltd.; patent lathing, Colt (W. H.) Ltd.; Expanded Metal Co. Ltd.; pre-cast concrete, Girling's Ferro-concrete; slate window cills, Bow, Slate & Enamel Co. Ltd.; flint bricks, Uxbridge Flint Co. Ltd.; red facing bricks, London & Sussex Merchants; stock bricks, Cement Marketing Co. Ltd.; sculpture, Mr. Peter Watts.

St. Mary's and St. Joseph's Church. (Work not yet started.) Architect: A. Gilbert Scott, M.C., F.R.I.B.A. General Contractor: John Mowlem. Sub-contractors: Facing bricks, roof tiles and quarry tiles, R. Y. Ames; electric wiring, T. Clarke & Co. Ltd.; aluminium windows and lead light glazing, James Gibbons Ltd.; heating, G. N. Haden & Sons; structural steel, Redpath, Brown & Co. Ltd.; copper work, Arthur Scull & Son, Ltd.; clipsham stone, Webber & Corben Ltd.; marble work, J. Whitehead & Sons, Ltd.

Housing, North Site. (Not illustrated, as unfinished.) Architects: Norman and Dawbarn, F.R.I.B.A. General Contractors: C. Miskin & Sons, Ltd. Sub-contractors: Reinforced concrete floors and staircase, The

Helical Bar & Engineering Co. Ltd.; roof slating, J. H. Sankey & Sons Ltd.; floor tiling, Neuchatel Asphalte Co.; window frames, Rippers; kitchen fittings, Peerless Built-in Furniture Ltd.; steel door frames, Hopes; ironmongery and door furniture, Lockerbie & Wilkinson; metal balustrading, Universal Metal Furring & Lathing Co.; gas installation, North Thames Gas Board; electricity, Haines & Sheppard.

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Mr. R. H. Mildred, A.R.I.C.S., A.I.A.R.B. (Chartered Quantity Surveyor), of 84, Queen's Road, Bristol, 8, has taken into partnership Mr. T. A. Maxwell, A.R.I.C.S., A.I.A.R.B. (Chartered Quantity Surveyor), to be in charge of his Swansea office, which is now removed to Lloyd's Bank Chambers, Alexandra Road, Swansea (Telephone: Swansea 55580). The style of the firm remains unchanged.

Mr. Ronald Fielding, A.R.I.B.A., has been practising since the beginning of this year at Aldwych House, Aldwych, London, W.C.2 (CHAncery 4745), and would be pleased to receive trade catalogues, samples, etc.

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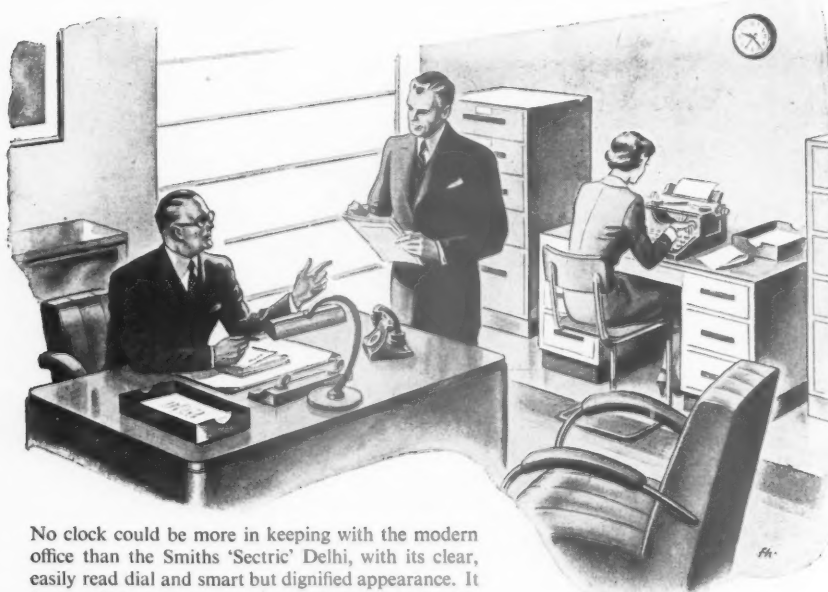
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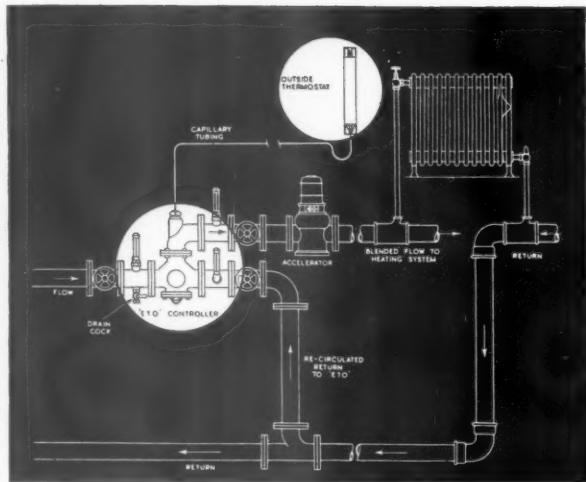
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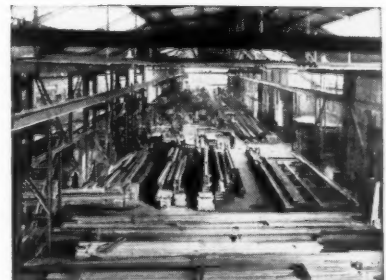
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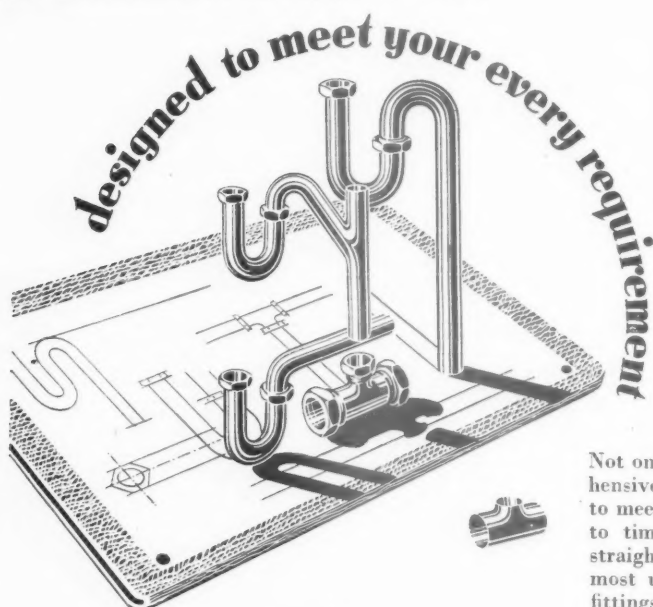
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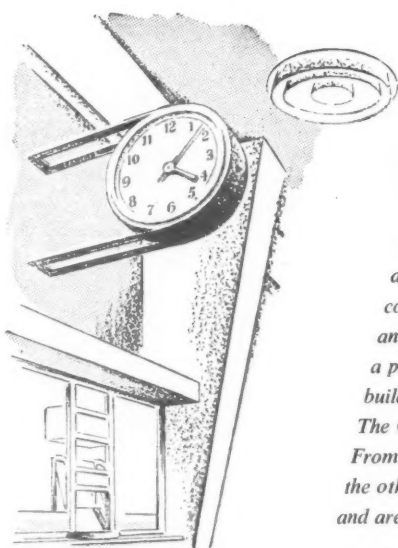
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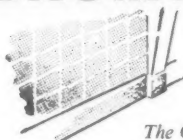
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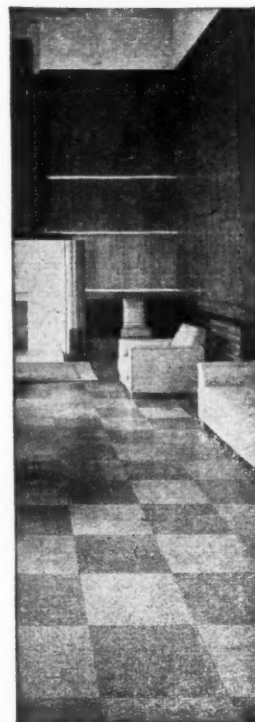
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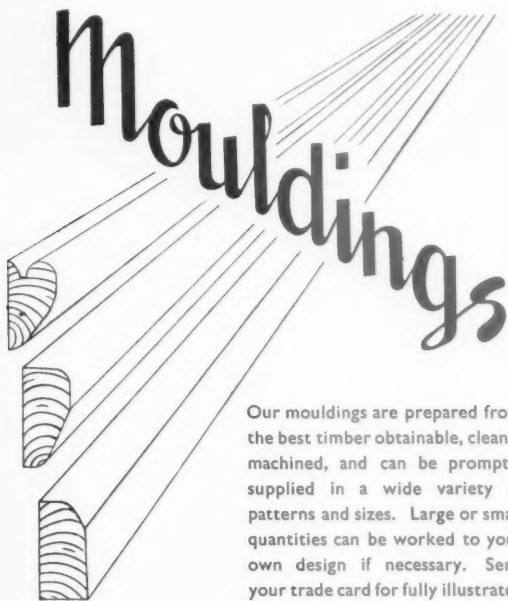
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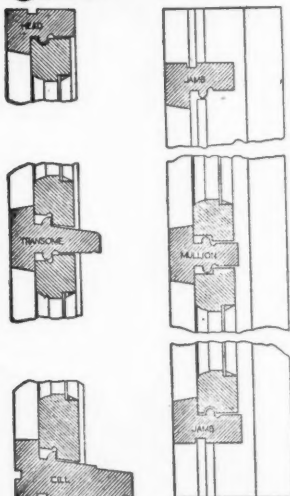
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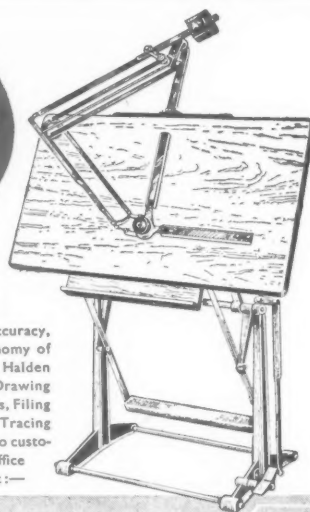
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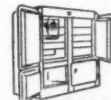
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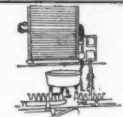
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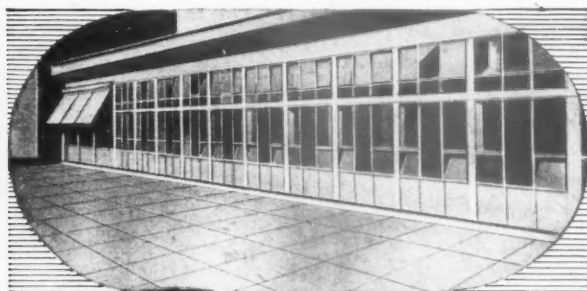
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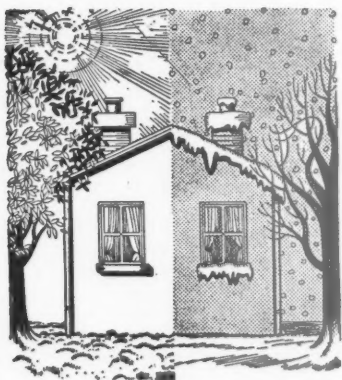
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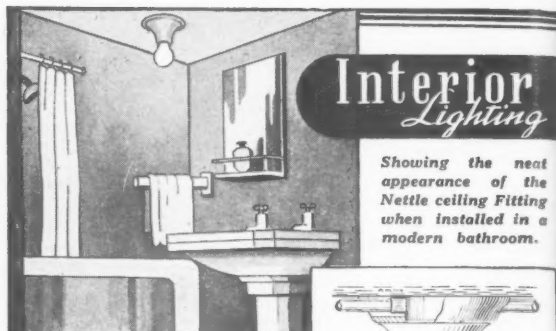
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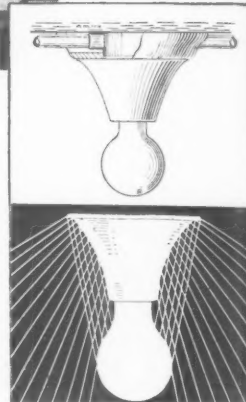
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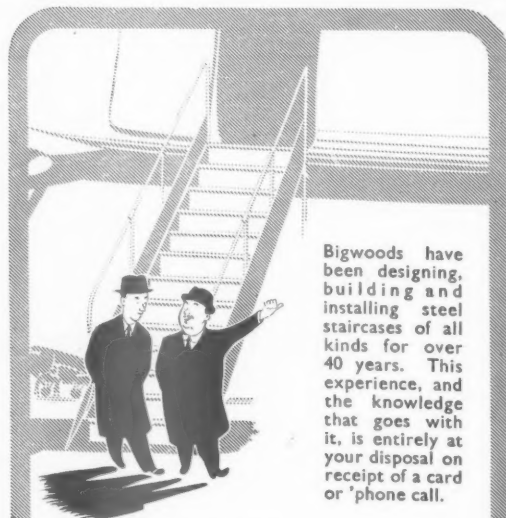
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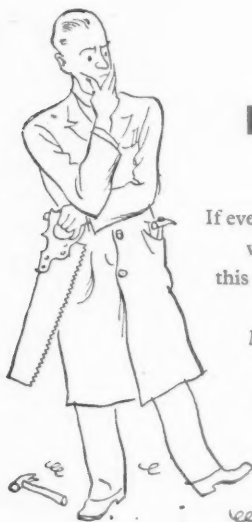
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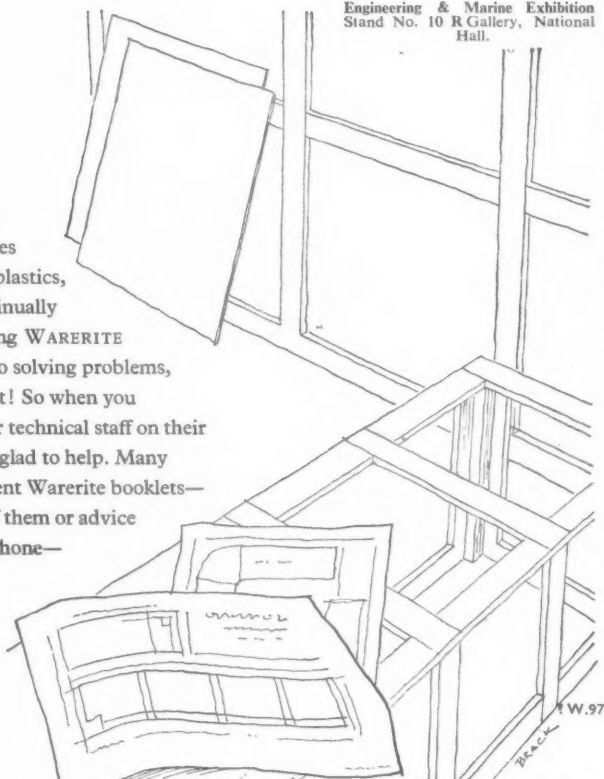
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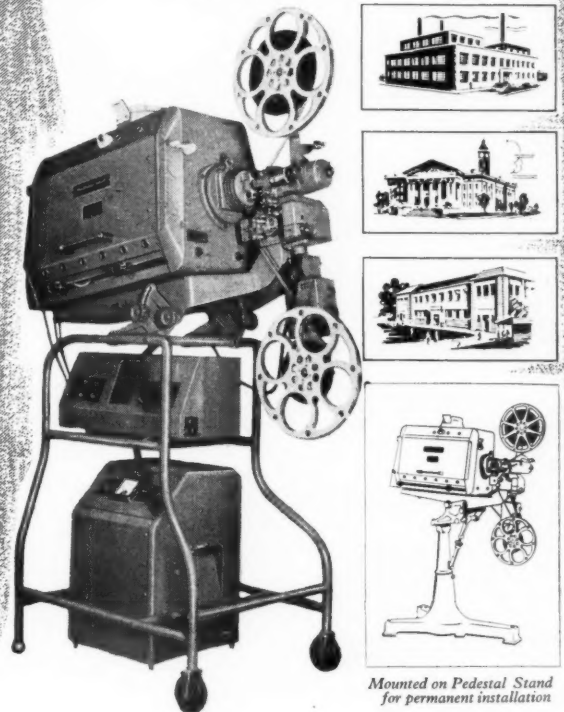
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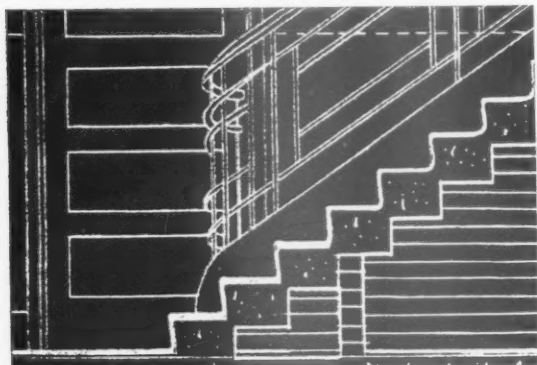


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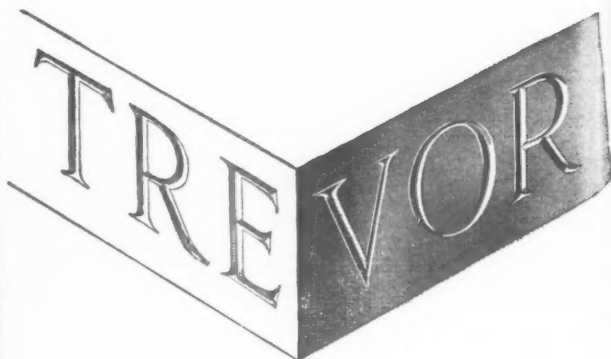
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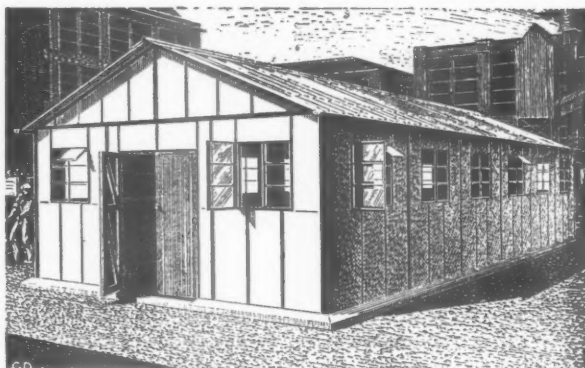
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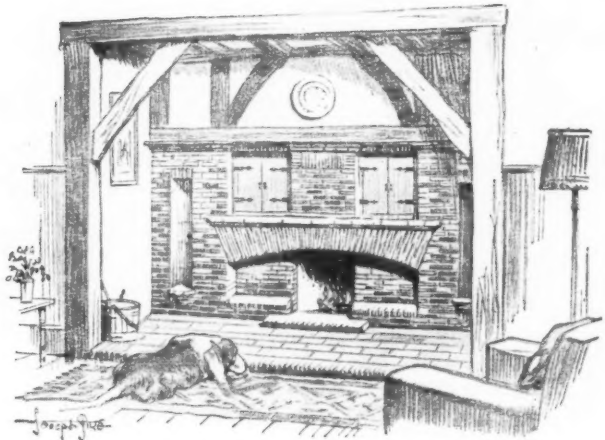
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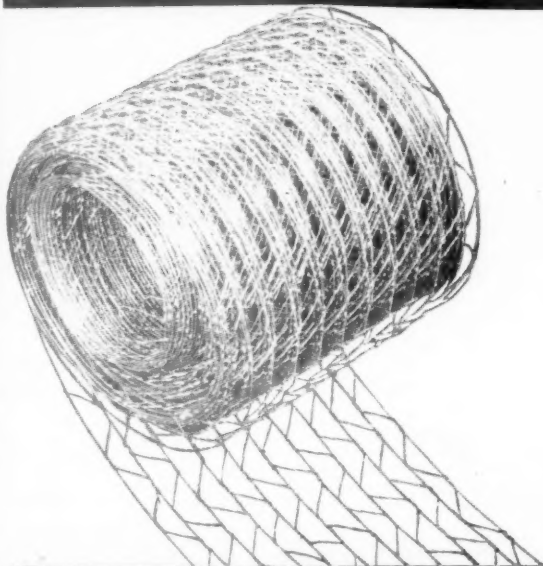


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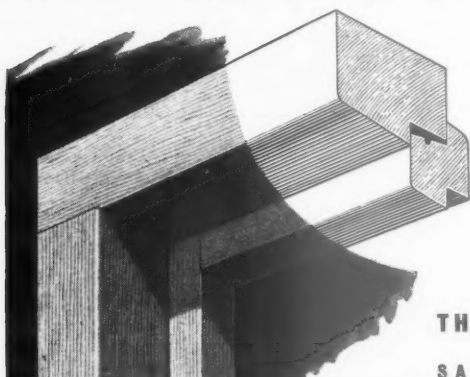
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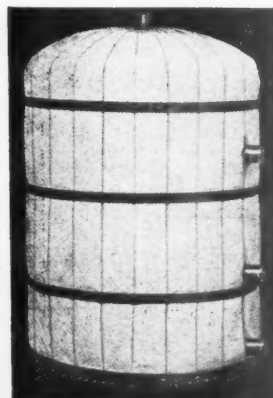


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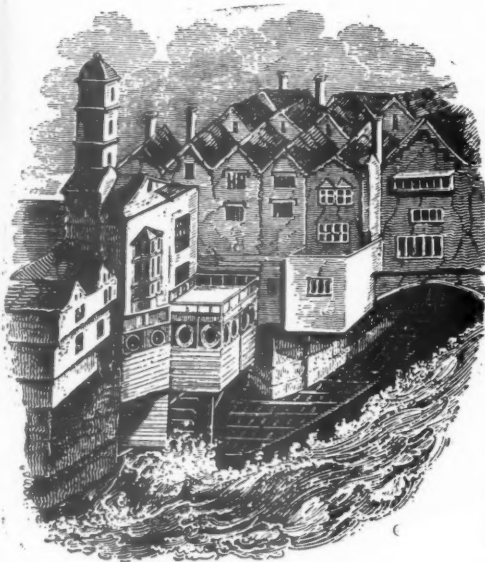
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THE CITY OF LONDON

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with a report on Reconstruction by the planning consultants:

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THIS BOOK presents the story of the development of the City of London from Roman Times to the present day.

In it you can see the first known picture of London, made in A.D. 296, and follow the story through the growth of the mediæval precincts, the Great Fire, Wren's plans for the City, and the Victorian improvements. A series of brilliant and previously unpublished photographs provide

the first comprehensive record of the 1940-45 bomb damage when a third of the City was destroyed, when twenty of Wren's City churches were ruined and dramatic new views of St. Paul's were revealed over the wastes of rubble. The proposals for reconstruction prepared for the Corporation of London by the consultants, Dr. C. H. Holden and Professor W. G. Holford, are shown in full detail.

Here also an attempt is made to portray that complicated and diverse character which is peculiar to the City, that strange agglomeration of the monumental and intimate, tall business houses overlooking the intricacy of narrow alleys and quiet churchyards, the river, and the concentration of commercial and trade centres—banking, insurance, furs, shipping, textiles, wine, printing, markets and exchanges, all compressed into a few acres, an area so small that a pedestrian can comfortably encompass it in an hour or two. What he is likely to see after reconstruction is completed and new buildings are woven in amongst the ancient landmarks is visualized in a series of drawings by Gordon Cullen.

Bound in heavy buckram boards, gold blocked. Size 9½ in. by 7½ in.; 341 pages; over 360 photographs, engravings and maps, 40 of which are in colour. Price 25s. net, postage 10d.

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CLASSIFIED ADVERTISEMENTS

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

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

Public and Official Announcements

25s. per inch; each additional line, 2s.

LONDON COUNTY COUNCIL.

Applications are invited for positions of ARCHITECTURAL ASSISTANT (salaries up to £580 basic a year) in the Housing and Valuation Department. Commencing salaries will be determined according to qualifications and experience. Engagement will be subject to the Local Government Superannuation Acts, and successful candidates will be eligible for consideration for appointment to the permanent staff on the occurrence of vacancies.

All rates of pay up to £600 a year (basic) are at present subject to an addition of 10 per cent. Successful candidates will be required to assist in the design, layout and preparation of working drawings for housing schemes, cottages and multi-storey flats, and will be employed in the Housing Architect's Division.

Forms of application may be obtained from the Director of Housing, The County Hall, Westminster Bridge, S.E.1 (stamped addressed envelope required and quote reference A.A.1). Canvassing disqualifies. (316) 2615

CITY AND COUNTY OF THE CITY OF LINCOLN.

APPOINTMENT OF CITY ARCHITECT.

Applications are invited from fully qualified Architects for the above-mentioned appointment, at a salary of £1,300 p.a. rising by annual increments of £50 to £1,500 p.a.

Housing accommodation is available.

Full particulars of the appointment, together with forms of application, may be obtained from the undersigned, and applications must be received not later than by the first post on 17th September, 1951.

J. HARPER SMITH,

Town Clerk.

Town Clerk's Office, Lincoln.

4233

NATIONAL COAL BOARD—NORTH-EASTERN DIVISION.

Applications are invited for the following appointments in the Architect's Department at Denaby, near Doncaster:—

ARCHITECTURAL ASSISTANTS, Grade I: Salary scale: £410×£220 to £550 per annum (men); £340×£15 to £445 per annum (women).

Applicants should be preparing for the Intermediate Examination of the R.I.B.A., and should have some experience in the preparation of sketch plans, working drawings and specifications, and have a good knowledge of building construction.

ARCHITECTURAL ASSISTANTS, Grade II: Salary scale: £300×£20 to £440 per annum (men); £247×£15 to £352 per annum (women).

Applicants should be probationers of the R.I.B.A. and be actively engaged in study for the Intermediate Examination.

QUANTITY SURVEYING ASSISTANTS.

Grade I:

Salary scale: £410×£20 to £550 per annum.

Applicants should have had five years' office experience in "working up." Preference will be given to applicants who have passed the Intermediate Examination (Quantities Section) of the R.I.C.S.

QUANTITY SURVEYING ASSISTANTS.

Grade II:

Salary scale: £300×£20 to £440 per annum.

Applicants should have had at least two years' office training and some experience in "working up." Preference will be given to Students of the R.I.C.S. who are preparing for the Intermediate Examination (Quantities Section) of the R.I.C.S.

JUNIOR QUANTITY SURVEYING ASSISTANTS.

Salary scale: £100 to £338 per annum (according to age).

Applicants must hold School Certificate with four credits (one of which must be mathematics), or the equivalent thereof, and be prepared to take the examinations (Quantities Section) of the R.I.C.S.

The work of the Department covers Pithead Baths, Canteens, Medical Centres, Workshops, Offices, Laboratories, Recreation Buildings, etc.

Applications for the above appointments should be made on Form S.8.A., obtained from the Establishments Officer, National Coal Board, North-Eastern Division, Rannmoor Hall, Belgrave Road, Sheffield, 10. 4246

CITY AND COUNTY OF KINGSTON UPON HULL.

APPOINTMENT OF ASSISTANT ARCHITECTS.

Applications are invited for Assistant Architects in Grade VI A.P.T. Division (£245—£2710). The appointment will be subject to one month's notice on either side; to the National Scheme of Conditions of Service and to the Local Government Superannuation Act, 1937.

Application forms, obtainable from the undersigned to be returned complete on or before 24th September, 1951.

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

City Architect.

Guildhall, Kingston upon Hull, 4276

SWADLINCOTE URBAN DISTRICT COUNCIL. APPOINTMENT OF ARCHITECTURAL ASSISTANT (TEMPORARY).

Applications are invited for the position of Architectural Assistant in the office of the Surveyor to the Council. The appointment is to the temporary staff, and (subject to satisfactory service) for a period of 3 years in the first instance. Salary in accordance with Grade III of the A.P.T. Division of the National Joint Council's Scale of Salaries.

Preference will be given to applicants holding the Intermediate Examination of the R.I.B.A. or equivalent qualifications.

Applications, stating age, training, experience, past and present appointments, and date available, should be addressed to the undersigned, and should reach his office not later than Friday, the 14th September, 1951.

Canvassing, directly or indirectly, will disqualify. Candidates must in their applications state if to their knowledge they are related to any new housing, schools and other public buildings. The positions are superannuable, and the above rates are subject to an addition of 10 per cent. on the first £600 and 7½ per cent. on any remainder. Application forms from the Architect, The County Hall, S.E.1, enclosing stamped addressed foolscap envelope and quoting AR/EEK/A. Canvassing disqualifies. (514) 3914

A modern semi-detached house will be available to the successful candidate if required.

J. SANDIFORD,

Clerk of the Council.

Clerk's Office, Swadlincote, near Burton-on-Trent.

4249

LONDON COUNTY COUNCIL. ARCHITECT'S DEPARTMENT.

Applications are invited for positions of ARCHITECT, Grade III (£550—£700) and TECHNICAL ASSISTANT (up to £580) for architectural work on new housing, schools and other public buildings. The positions are superannuable, and the above rates are subject to an addition of 10 per cent. on the first £600 and 7½ per cent. on any remainder. Application forms from the Architect, The County Hall, S.E.1, enclosing stamped addressed foolscap envelope and quoting AR/EEK/A. Canvassing disqualifies. (514) 3914

MINISTRY OF WORKS.

There are vacancies in the Chief Architect's Division for ARCHITECTURAL ASSISTANTS, with recognised training and fair experience. Successful candidates will be employed in London and elsewhere on a wide variety of Public Buildings, including Atomic Energy and other Research Establishments, Telephone Exchanges, and Housing.

Salary: Architectural Assistants, £300—£525 per annum. Starting pay will be assessed according to age, qualifications and experience. These rates are for London; a small deduction is made in the Provinces.

Although these are not established posts, some of them have long term possibilities, and competitions are held periodically to fill established vacancies.

Apply in writing, stating age, nationality, full details of experience, and locality preferred, to Chief Architect, Ministry of Works, Abell House, John Islip Street, London, S.W.1, quoting reference WG10/BC. 2914

BOROUGH OF CHATHAM.

APPOINTMENT OF ASSISTANT ARCHITECT.

Applications are invited for the appointment of Assistant Architect within Grade V (£570—£620). Housing accommodation will be made available if required.

Conditions of appointment and form of application may be obtained from Mr. H. D. Peake, M.Sc.(Eng.), Borough Engineer and Surveyor, Town Hall, Chatham, to whom completed application forms should be returned not later than Tuesday, 25th September, 1951. 4280

COUNTY BOROUGH OF DERRY.

BOROUGH ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments on the permanent staff, in accordance with the National Scale of Salaries:—

(a) ONE ASSISTANT ARCHITECT, Grade III/IV/V. £500—£620. Commencing salary £500 per annum. Applicants should be of R.I.B.A. Intermediate Examination standard, and have had good architectural experience.

(b) ONE JUNIOR QUANTITY SURVEYOR, Grade III/IV/V. £500—£620. Commencing salary £500 per annum. Applicants should be of R.I.C.S. Intermediate Examination standard, and be fully experienced in abstracting and billing, measuring on site, preparation of final accounts and taking off quantities for small building works.

(c) ONE JUNIOR QUANTITY SURVEYOR, Grade I/II. £440—£555. Commencing salary £440 per annum. Applicants should have passed the R.I.C.S. First Examination, be not less than 21 years of age and be experienced in working up bills of quantities and measuring up on site.

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

Forms of application may be obtained from the Borough Architect, The Council House, Corporation Street, Derry, and should be returned when completed, together with a copy of one testimonial and the names of two persons to whom reference may be made, to arrive not later than Monday, 24th September, 1951.

Canvassing directly or indirectly will be a disqualification.

E. H. NICHOLS,

Town Clerk.

4279

EAST SUFFOLK COUNTY COUNCIL.

ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant (A.P.T. Grade III, £500—£545, or A.P.T. Grade IV, £530—£575, according to experience) in the County Architect's Department.

Applicants should have passed the Intermediate Examination of the Royal Institute of British Architects or equivalent examination and should have a good general experience in the preparation of working drawings from sketch plans and the writing of specifications.

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

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

Applications, stating age, qualifications and previous experience, accompanied by copies of two recent testimonials, should be sent to E. J. Symcox, F.R.I.B.A., County Architect, County Hall, Ipswich, not later than 21st September, 1951.

Canvassing, either directly or indirectly, will disqualify a candidate from consideration.

G. C. LIGHTFOOT,

Clerk of the Council.

County Hall, Ipswich.

4285

CITY OF PETERBOROUGH. CITY ENGINEER AND SURVEYOR'S DEPARTMENT.

Applications are invited for the appointment of ARCHITECTURAL ASSISTANT, in accordance with the National Scheme of Conditions of Service, and at a salary in accordance with A.P.T. Division, Grade IV (£530×£15—£575).

Applicants should be good draughtsmen, possess a sound knowledge of building construction, and be capable of preparing working drawings, etc., with the minimum amount of supervision.

Applications, stating age, details of qualifications and experience, together with copies of not more than three recent testimonials, and suitably endorsed, must be sent to reach the City Engineer (Mr. F. J. Smith, M.B.E., A.M.I.C.E.) not later than 22nd September, 1951.

Applicants must disclose whether they are related to any senior official or member of the Authority.

It must be distinctly understood that the Council does not guarantee to find either a house or living accommodation, but they will, if necessary, assist as far as they are able the successful applicant to obtain accommodation.

C. PETER CLARKE,

Town Clerk.

Town Hall, Peterborough.

August, 1951.

4273

COUNTY BOROUGH OF BURY.

Applications are invited for the position of ARCHITECTURAL ASSISTANT in the Borough Engineer's Department. Salary up to A.P.T. V (£570—£620).

This commencing salary will be determined in accordance with the qualifications and experience of the applicant and the salary scale for such positions prescribed by the National Joint Council.

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

Applications stating age, details of training, qualifications and experience, together with the names and addresses of two persons to whom reference may be made must reach me not later than the 15th September, 1951.

EDWARD S. SMITH,

Town Clerk.

Town Hall, Bury.

1st September, 1951.

4283

SURREY COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments:—

(1) PRINCIPAL ASSISTANT ARCHITECT at a commencing salary of £790 per annum rising by annual increments of £40/50 to a maximum of £1,000 per annum plus London Allowance of £30 per annum. Applicants must be Members of the Royal Institute of British Architects, and should have had experience in the organisation of work, and in the design and construction of modern buildings.

(2) ARCHITECTURAL ASSISTANT Grade III at a commencing salary of £500 per annum rising by annual increments of £15 to £545 plus London Allowance of up to £30 per annum, according to age. Applicants must be of good general training and give full details in their applications, and preference will be given to applicants who have passed the Intermediate Examination of the Royal Institute of British Architects.

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

Applications, stating age, qualifications and experience and accompanied by copies of three recent testimonials, should be sent to the County Architect, Surrey County Council, County Hall, Kingston-upon-Thames, not later than 20th September, 1951.

Canvassing, either directly or indirectly, will disqualify a candidate from consideration.

The Council will be unable to provide any housing accommodation, and the successful applicant will be expected to make his own arrangements in this direction.

T. W. W. GOODBRIDGE,

Clerk of the Council.

County Hall, Kingston-upon-Thames. 4282

LONDON ELECTRICITY BOARD. DRAUGHTSMEN.

Applications are invited for positions as Draughtsmen in the South-Western Sub-Area Drawing Offices at Battersea, S.W.11, and Balham, S.W.12.

Candidates should have received a good general education and have had experience in the preparation and maintenance of cable route plans and operational diagrams. Some technical training in electrical engineering would be an advantage.

Pending grading of the posts under the National agreement of the appropriate negotiating body, the commencing salary will be within the range of £300-£500 per annum inclusive, according to qualifications and experience.

Application forms from Establishments Officer, 46, New Broad Street, E.C.2, to be returned duly completed within 10 days. Please enclose addressed foolscap envelope and quote ref. V/1308/A on all correspondence. 4281

KENT COUNTY COUNCIL PLANNING DEPARTMENT.

SENIOR PLANNING ASSISTANT.

Applications are invited for a post of Senior Planning Assistant in the Planning Department. The salary scale is £570-£760 per annum. The commencing point in the scale will be fixed according to qualifications and experience. Applicants should be corporate members of the Town Planning Institute or possess some other appropriate professional qualification and have had experience in town and country planning.

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

Applicants may if they wish state a preference for work in West, East or Mid Kent.

Applications in own handwriting, stating age, education, qualifications, previous experience, present position and salary, and the names and addresses of two persons to whom reference may be made as to professional ability and character, and endorsed "Senior Planning Assistant" must reach the County Planning Officer, County Hall, Kent, not later than 23rd September, 1951.

W. L. PLATTS,

Clerk of the County Council.

County Hall, Maidstone.
24th August, 1951. 4277

BOROUGH OF ST. MARYLEBONE.

Applications are invited for the appointment of SENIOR ARCHITECTURAL ASSISTANT on the permanent staff of the Housing Department, at a salary in accordance with Grade VA of the A.P.T. Division of the National Scheme of Conditions of Service (£600, rising by annual increments to £660 per annum), plus the appropriate London "weighting."

Applicants should be Registered Architects with good experience in municipal housing.

The appointment, terminable by one month's notice on either side, will be subject to satisfactory medical examination by the Council's Medical Officer; to proof of age by production of birth certificate; to the National Scheme of Conditions of Service as adopted by the Council; and to compliance with the provisions of the St. Marylebone Borough Council (Superannuation) Acts, 1908-1936 and any modifications thereof.

Forms of application are not issued, but candidates must write stating age, qualifications, present position and salary, particulars of past appointments and all other essential information, and giving the names of three referees.

Applications must be received by the Town Clerk, Town Hall, St. Marylebone, W.1, not later than Wednesday, the 19th September, 1951.

Canvassing will disqualify. 4278

STEVENAGE DEVELOPMENT CORPORATION.

Required: (1) ARCHITECT (Grade IV, salary £630-£800 p.a.). Applicants should be fully qualified Architects, with experience in housing. (2) MEASURING SURVEYOR (salary £600-£675). Suitably qualified, with some taking-off experience. Applications, giving full details of experience and names of two referees, to the Chief Administrative Officer, Stevenage Development Corporation, Aston House, near Stevenage, Herts., not later than 17th September, 1951. 4264

COUNTY BOROUGH OF SOUTHAMPTON. BOROUGH ARCHITECT'S DEPARTMENT.

Applications are invited for the position of PLANNING ASSISTANT Grade I (£440-£485).

Applications, on forms obtainable from L. Berger, Dip.Arch., A.R.I.B.A., Borough Architect, Civic Centre, Southampton, should be returned not later than 17th September, 1951. 4284

CITY OF LEICESTER.

Applications are invited for the appointment of MAINTENANCE ARCHITECTURAL ASSISTANT in the City Surveyor's Department. The salary will be in accordance with Grade A.P.T. IV-VI (£530-£710), according to qualifications and experience, and the appointment is subject to the provisions of the Local Government Superannuation Act, 1937.

Applicants should have a good knowledge of Architectural practice and be experienced in the maintenance of buildings, preparation of specifications, plans, and supervision of work.

Applications, including age, qualifications and experience, together with copies of testimonials, should reach the undersigned not later than 22nd September, 1951.

JOHN L. BECKETT, M.Inst.C.E.,

City Surveyor.

Town Hall, Leicester. 4270

DERBYSHIRE COUNTY COUNCIL, County Architect's Department.

Applications are invited for the appointment of a SUPERVISING ARCHITECT, on A.P.T. Grade VIII, for work in connection with the maintenance of school buildings. Applications to reach this office not later than 15th September, 1951. Forms to be obtained from F. H. Crossley, County Architect, St. Mary's Gate, Derby. 6th September, 1951. 4271

LONDON ELECTRICITY BOARD. ENGINEERING DRAUGHTSMAN.

Applications are invited for the above position in the South-Western Sub-Area Drawing Office at Wandsworth, London, S.W.18.

Candidates should have had a good general and technical education in building construction and architecture, and experience in the design of small buildings in brickwork and reinforced concrete, and the drawing up of specifications.

Pending grading of the post under the National agreement of the appropriate negotiating body, the commencing salary will be within the range of £500-£550 per annum inclusive, according to qualifications and experience.

Application forms obtainable from Establishments Officer, 46, New Broad Street, E.C.2, to be returned duly completed within 7 days of receipt. Please enclose addressed foolscap envelope and quote Ref. V/1307/A on all correspondence. 4272

BOROUGH OF WEMBLEY.

FIRST ASSISTANT ARCHITECT. A.P. and T. VI, £645 to £710 p.a., plus London "weighting" allowance.

Applicants must be Associates of the R.I.B.A., have had good Architectural experience in the designing of public buildings, houses and flats, and be accustomed to the preparation of working drawings, estimates, specifications, and to the supervision of works in progress.

Applications, containing names and addresses of three referees, and disclosing any relationship to a member or senior officer of the Council, must reach the Borough Engineer and Surveyor, Town Hall, Wembley, by 8th September, 1951. Canvassing disqualifies.

The Council will be unable to provide the successful applicant with housing accommodation. 22nd August, 1951. 4256

ROYAL COLLEGE OF ART. SCHOOL OF ARCHITECTURE.

Applications are invited from persons with a good education for the post of STUDIO ASSISTANT. Knowledge of Architecture would be an advantage, as would some experience in Architectural drawing. Salary within scale £250-£225 to £550 p.a., according to age and qualifications. Further particulars and application form from the Registrar, Royal College of Art, Exhibition Road, S.W.7, to whom it should be returned within 10 days of the appearance of this advertisement. 4263

MIDDLESEX COUNTY COUNCIL COUNTY PLANNING DEPARTMENT.

(a) CHIEF PLANNING ASSISTANT (A.P.T. VII, £715, rising to £790 p.a., car allowance normally granted). Member or Associate Member of T.P.I., preferably with complementary qualifications, with good experience and proved ability.

(b) PLANNING ASSISTANT (A.P.T. VI, £675, rising to £740). Should possess sound town planning experience. Qualification desirable: Required to supervise the H.Q. Drawing Office. Work includes the production and presentation of plans and maps.

(c) PLANNING ASSISTANT (A.P.T. IV, £560, rising to £605 p.a.), with town planning experience. T.P.I. Inter. desirable, but other appropriate examinations considered.

Established, pensionable, subject to medical assessment and prescribed conditions. Written applications, stating age, experience, qualifications, etc., to the undersigned, with copies of three testimonials for (a) and (b), and two for (c), by 15th September (quoting J.788 A.J.). Canvassing disqualifies.

C. W. RADCLIFFE,

Clerk of the County Council.

Middlesex Guildhall, Westminster, S.W.1. 4261

CAERNARVONSHIRE COUNTY COUNCIL. ARCHITECT'S DEPARTMENT.

Applications are invited for the appointment of CHIEF MAINTENANCE OFFICER in the County Architect's Department, at a salary within Grade A.P.T. VI (£645-£710).

Applicants should have appropriate experience and must have obtained Membership of the Royal Institute of Chartered Surveyors (Building Section) or equivalent.

Further particulars and forms of application, which should be returned by 22nd September, 1951, may be obtained from the undersigned.

GWILYM T. JONES,

Clerk of the County Council.

County Offices, Caernarvon.
27th August, 1951. 4260

ARCHITECTURAL AND PLANNING DEPARTMENT. COVENTRY.

Appointment of:

CHIEF ASSISTANT QUANTITY SURVEYOR, GRADE A.P.T. IX (£790-£910).

Applications are invited for the post of Chief Assistant Quantity Surveyor in this Department. The man appointed will be required to take charge of the Quantity Surveying Section of 20 Assistants. He must have a thorough knowledge and experience in all various aspects of Quantity Surveying, in negotiating with large and small contractors, and in settling accounts. He must be a good administrator, capable of handling a large section, which at the moment undertakes the preparation of Bills of Quantities and all relevant matters in very large housing, schools, office and central area contracts.

Only those who are technically sound, with good experience, initiative and will to work, need apply.

Housing accommodation will be made available in certain circumstances, and consideration might be given to a review in the salary in the near future.

All employees are expected to belong to an appropriate organisation in accordance with para. 44 of the "Charter."

Applications, on forms to be obtained from the undersigned, are to be received not later than Thursday, 29th September, 1951.

D. E. E. GIBSON,

City Architect and Planning Officer.

Bull Yard, off Warwick Row, Coventry.
25th August, 1951. 4259

Partnerships

6 lines or under, 12s. 6d.; each additional line, 2s.

FULLY Qualified ARCHITECT (R.I.B.A. prizeman) wants Partnership or other position not necessarily in Architect's office, where his creative powers and exceptional draughtsmanship may be fully employed. London only. Box 4245.

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WANTED—F.R.I.B.A., A.M.T.P.I., Dip.Arch. (Liverpool), requires to purchase Practice or Partnership preferably in southern half of England. Replies in confidence to Box 4286.

LICENTIATE (39) requires Partnership or position leading thereto in S.W. counties (preferably rural). Wide experience, especially domestic work. Responsibility welcomed. Car owner. Replies in confidence to Box 4291.

Architectural Appointments Vacant

4 lines or under, 7s. 6d.; each additional line, 2s.

REQUIRED—ARCHITECTURAL ASSISTANT, aged 25 to 40. Experienced in Industrial Building, Reinforced Concrete and Structural Steel Construction. Apply in writing to Men's Personnel Dept., Kodak, Ltd., Harrow, Middx. 4165

LEADS Architects require ASSISTANTS, R.I.B.A., Intermediate or equal standard, for general practice. Good experience and prospects for capable applicants. Box 4236.

ARCHITECTS, Piccadilly, busy small office, require keen ASSISTANT, capable of preparing working drawings under supervision. Progressive post. Phone Regent 7461. 4237

ARCHITECTURAL ASSISTANT, Intermediate standard required for office in Colswold area. Applications stating age, experience, and salary required, to Eric Cole & Partners, F.R.I.B.A., Dyer Street House, Cirencester, Glos. 4242

OPPORTUNITY established London office for ARCHITECT interested. Contemporary Design. Capable controlling staff and organising from inception large contracts. Salary according to experience. Box 4252.

GOLLINS, MELVIN & PARTNERS require JUNIOR STAFF, with office experience. Capable working drawings. Salary £350-£450 per annum. 5-day week. Telephone: Museum 0883. 4253

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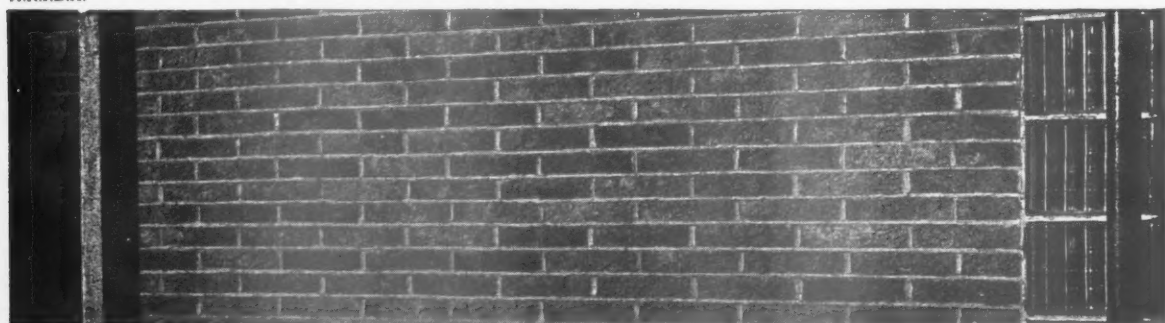
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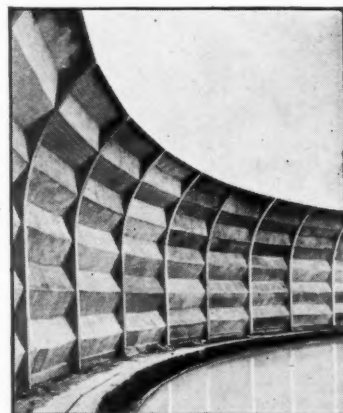
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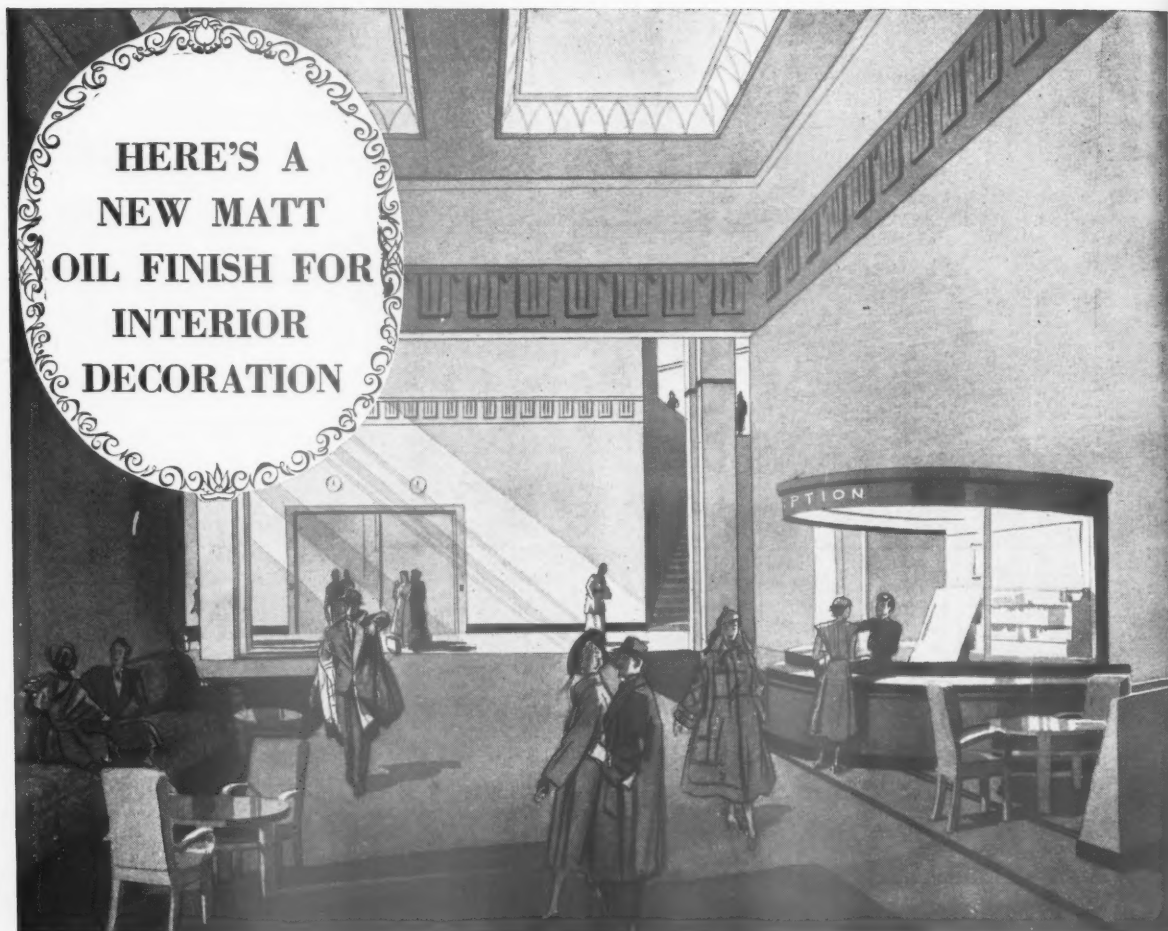
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