

THE ARCHITECTS' JOURNAL

REBUILDING COVENTRY

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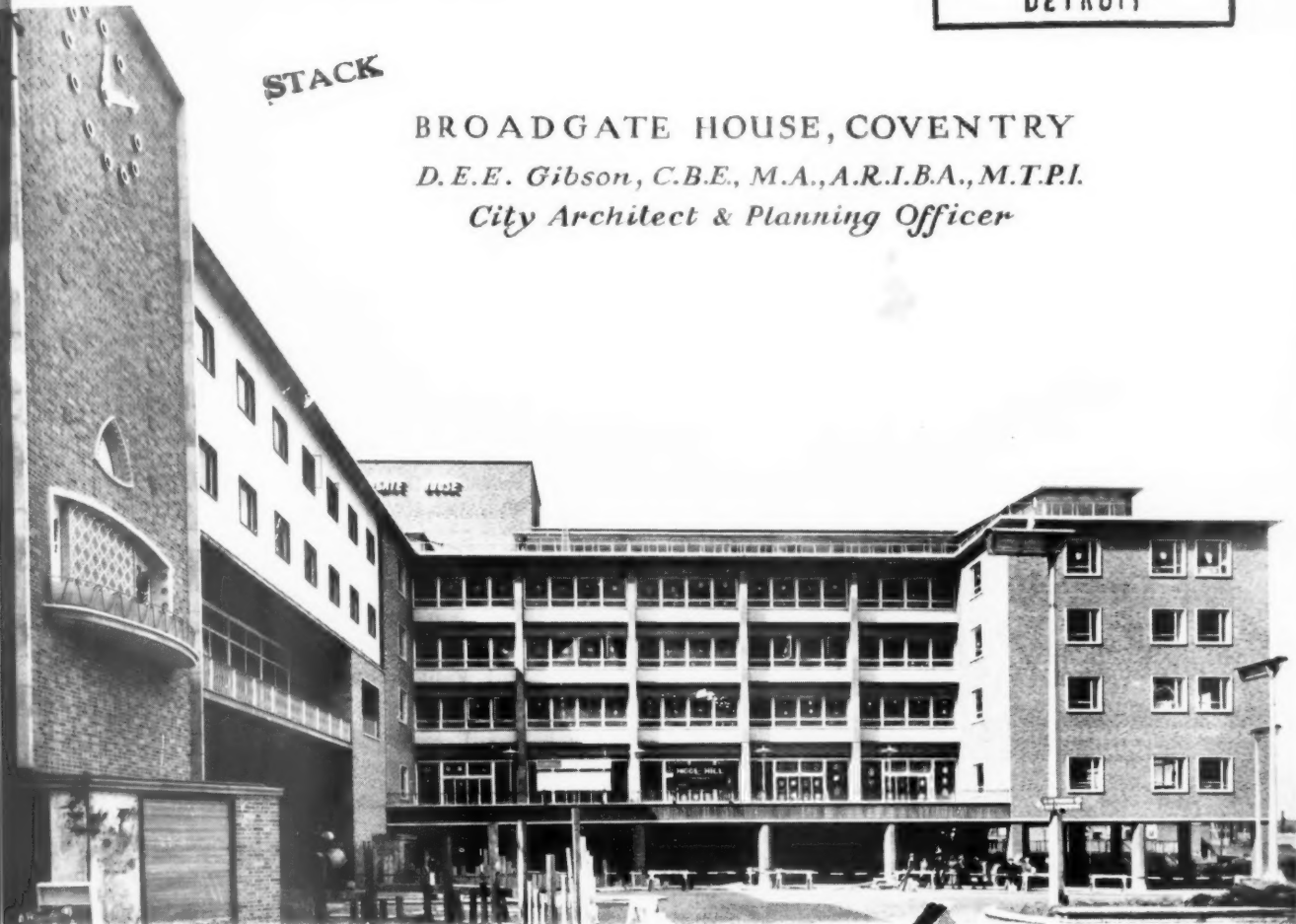
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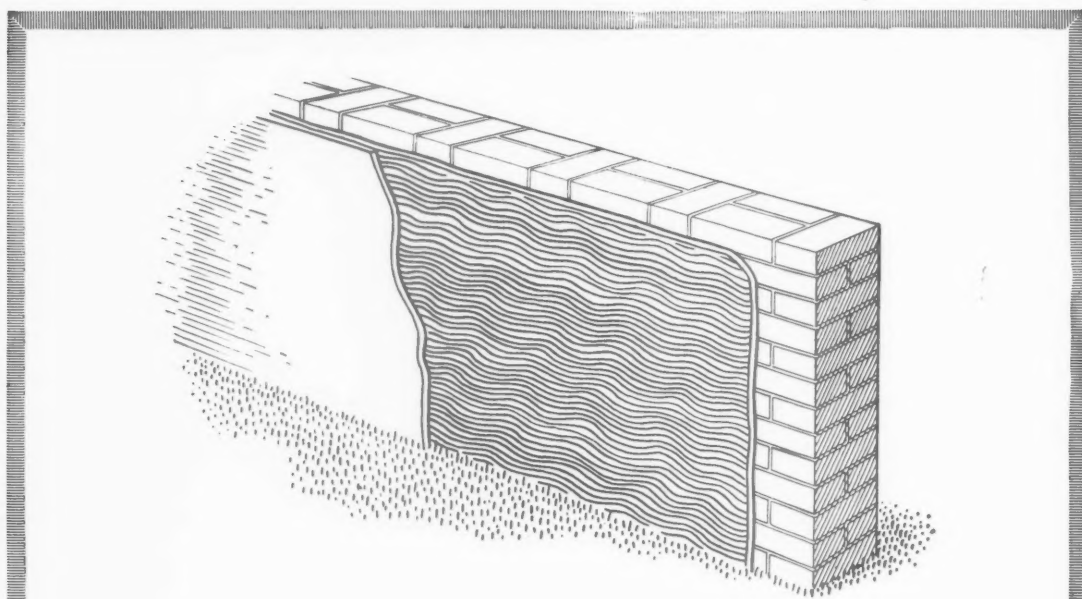
*D. E. E. Gibson, C.B.E., M.A., A.R.I.B.A., M.T.P.I.**City Architect & Planning Officer*

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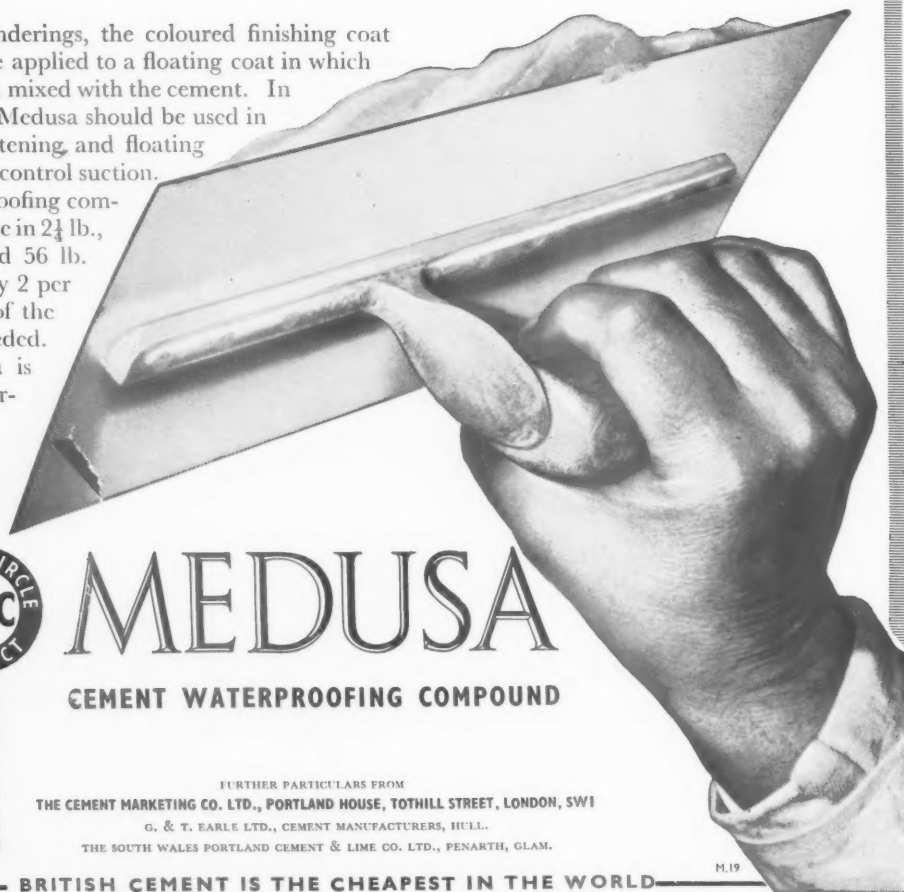




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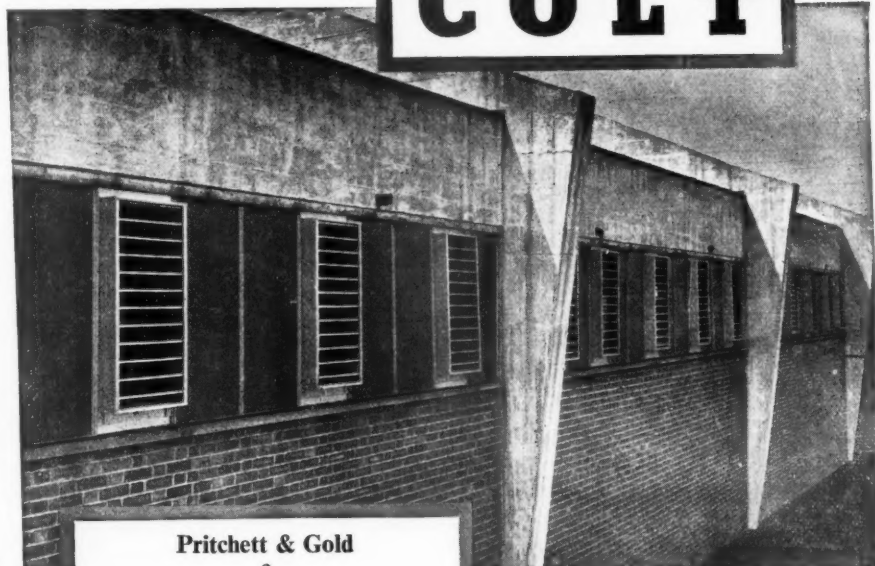
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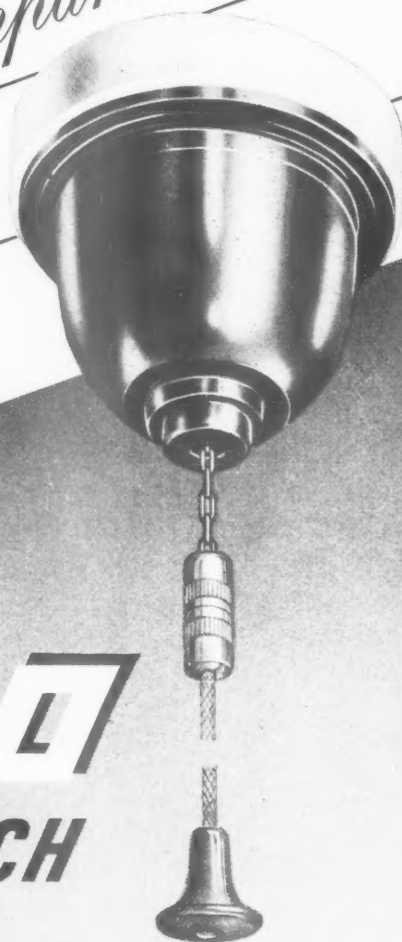
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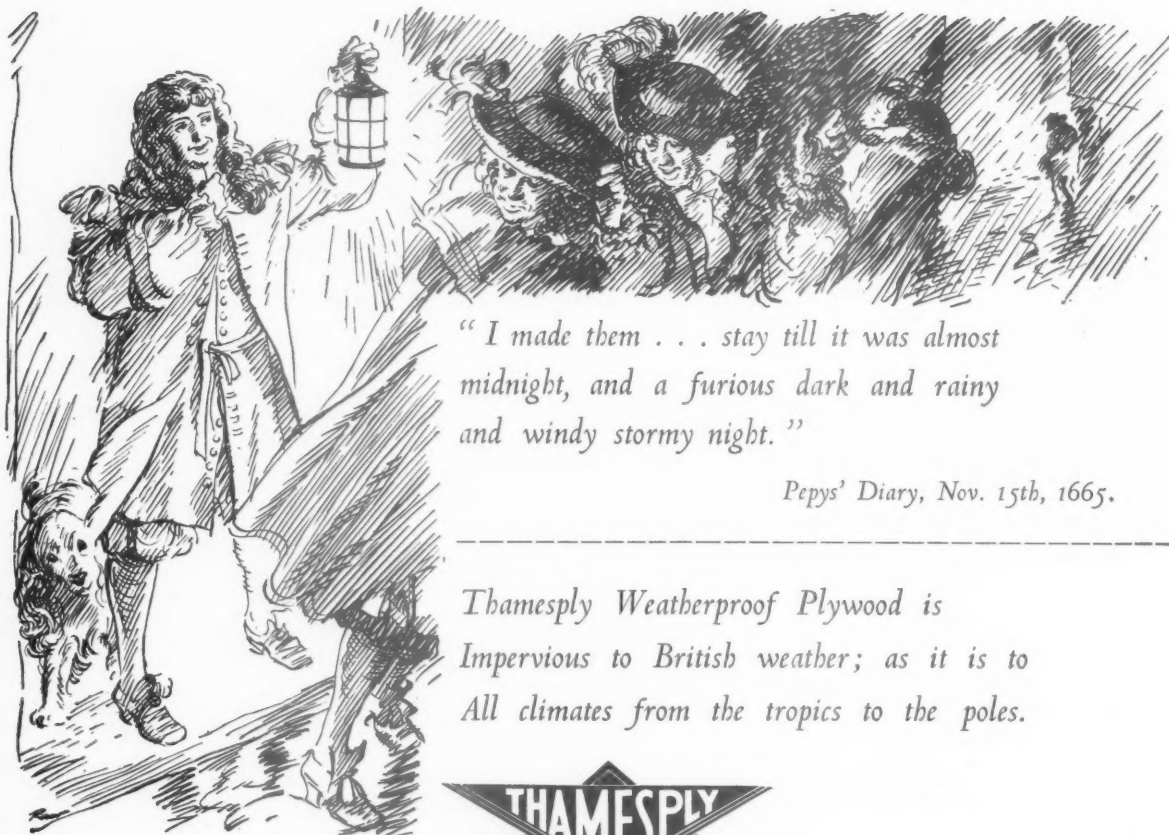
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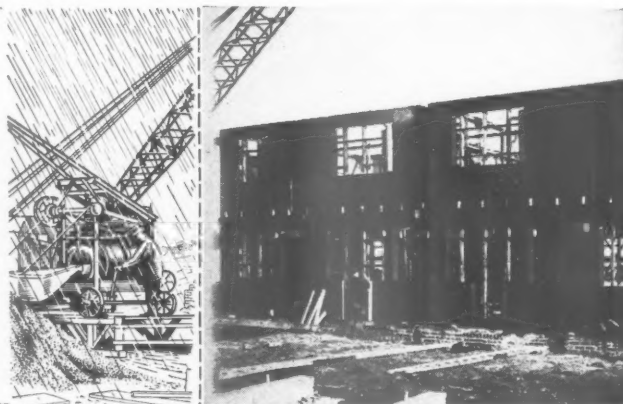
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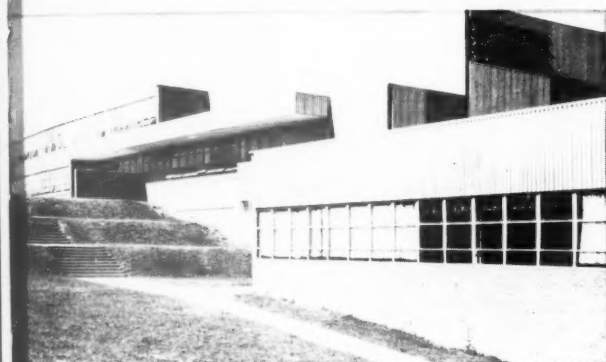
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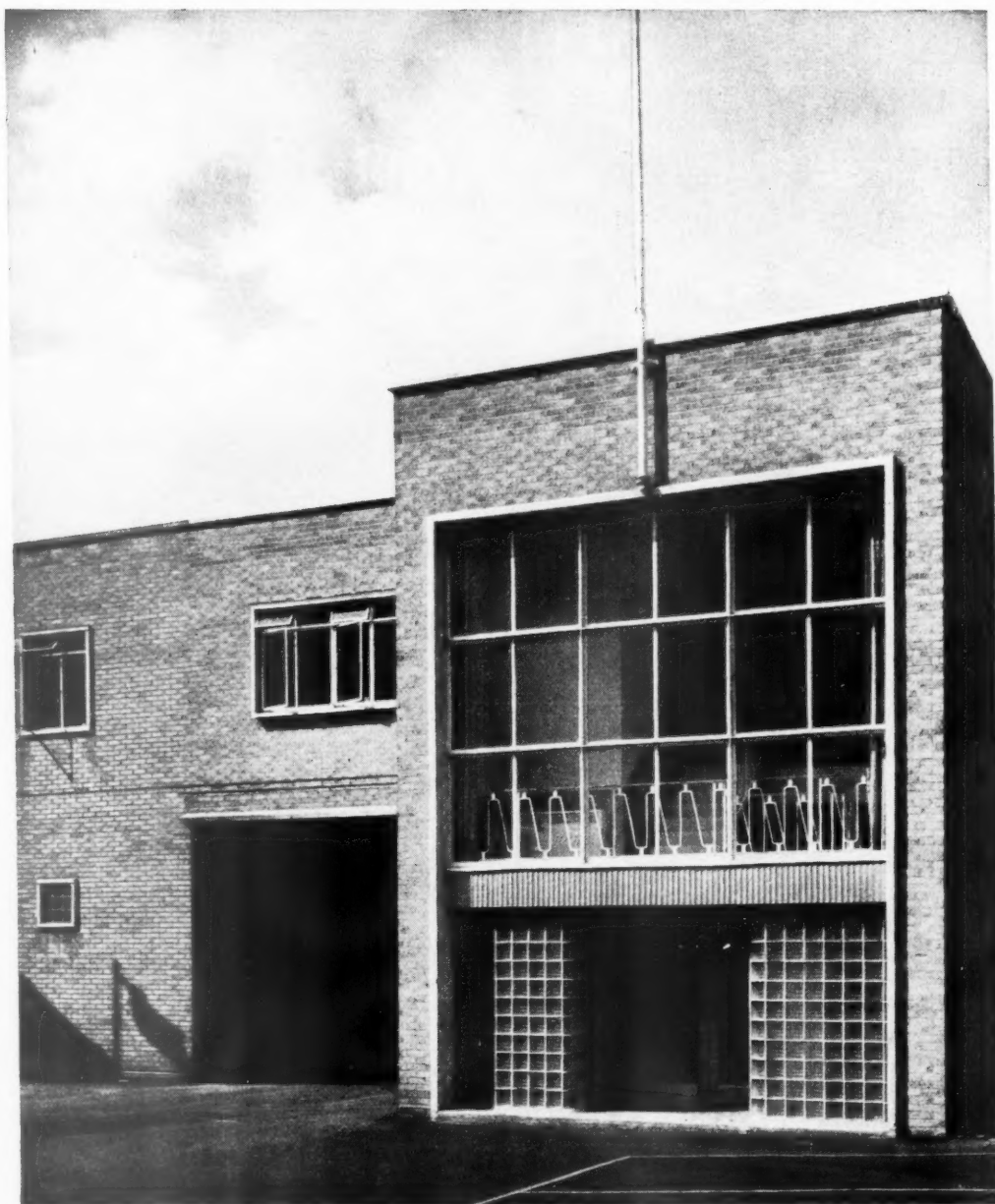
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THE RE-BUILDING OF COVENTRY



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*Sutton's Bakeries Ltd.
Architects: J. Roland Sidwell
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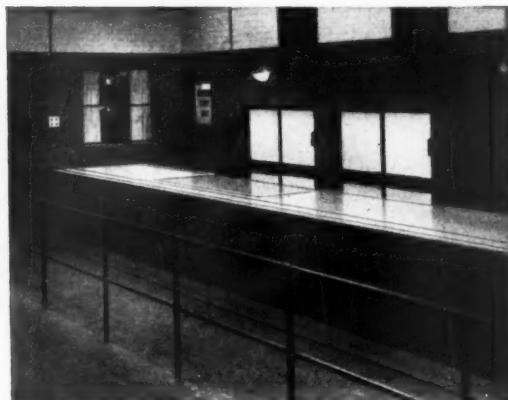
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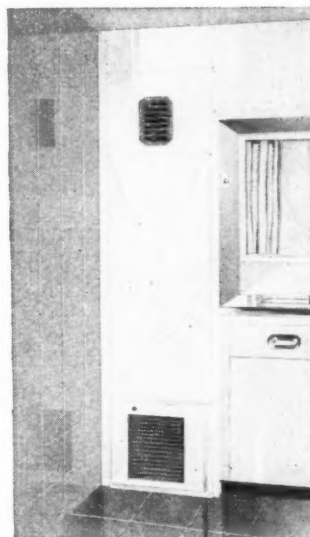
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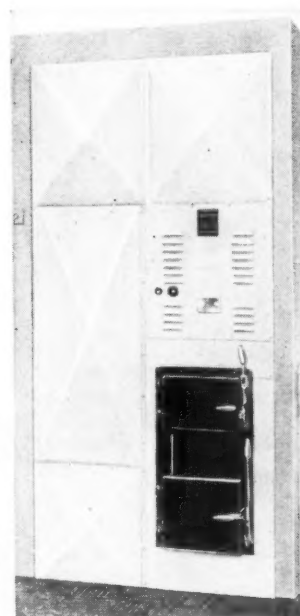
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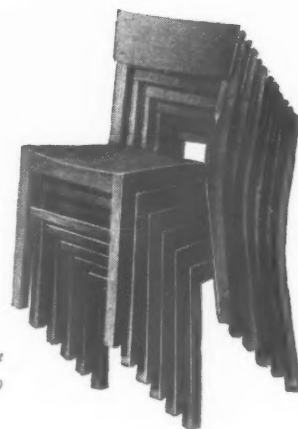
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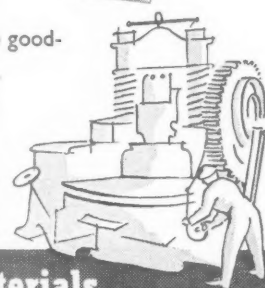
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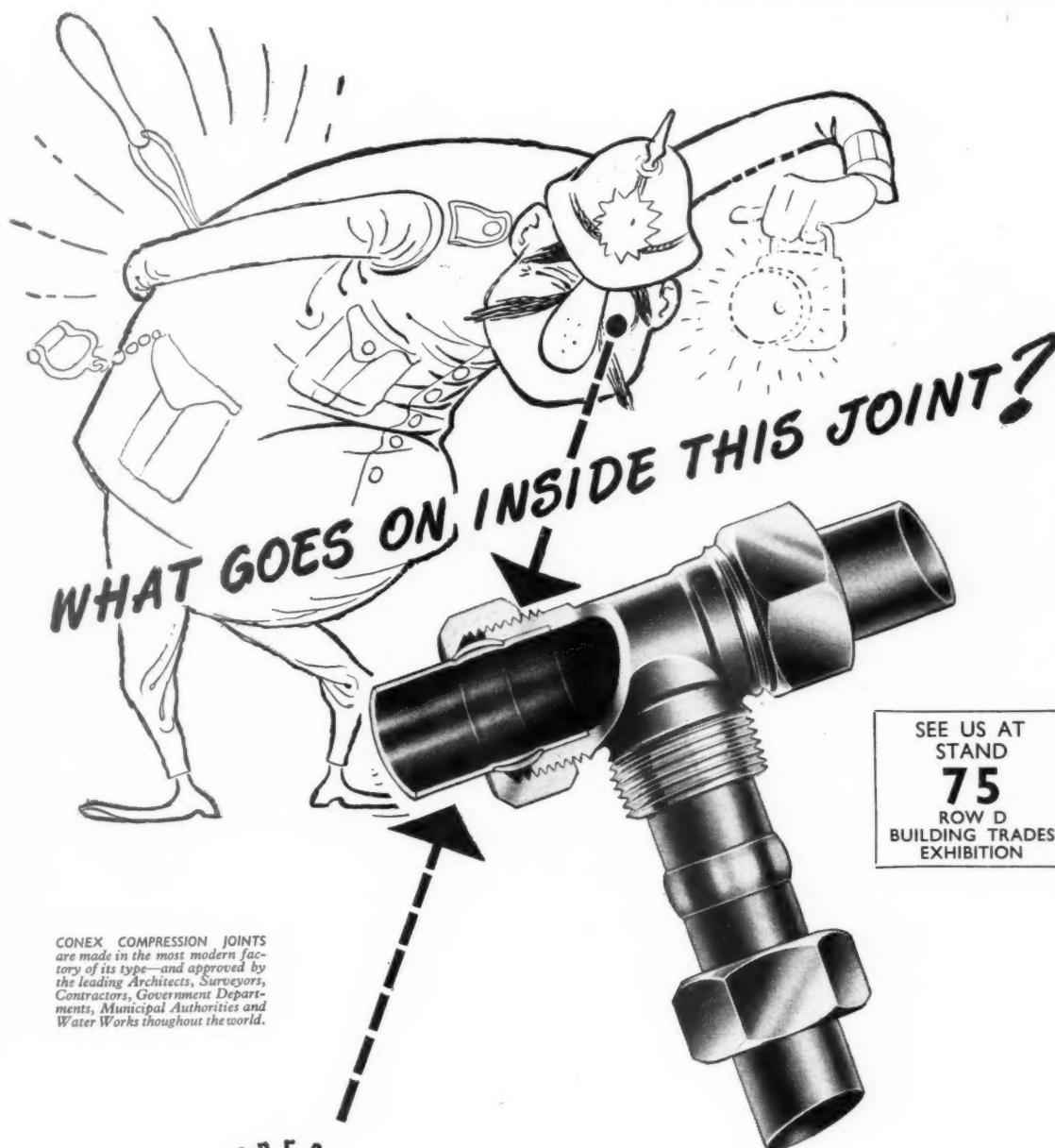
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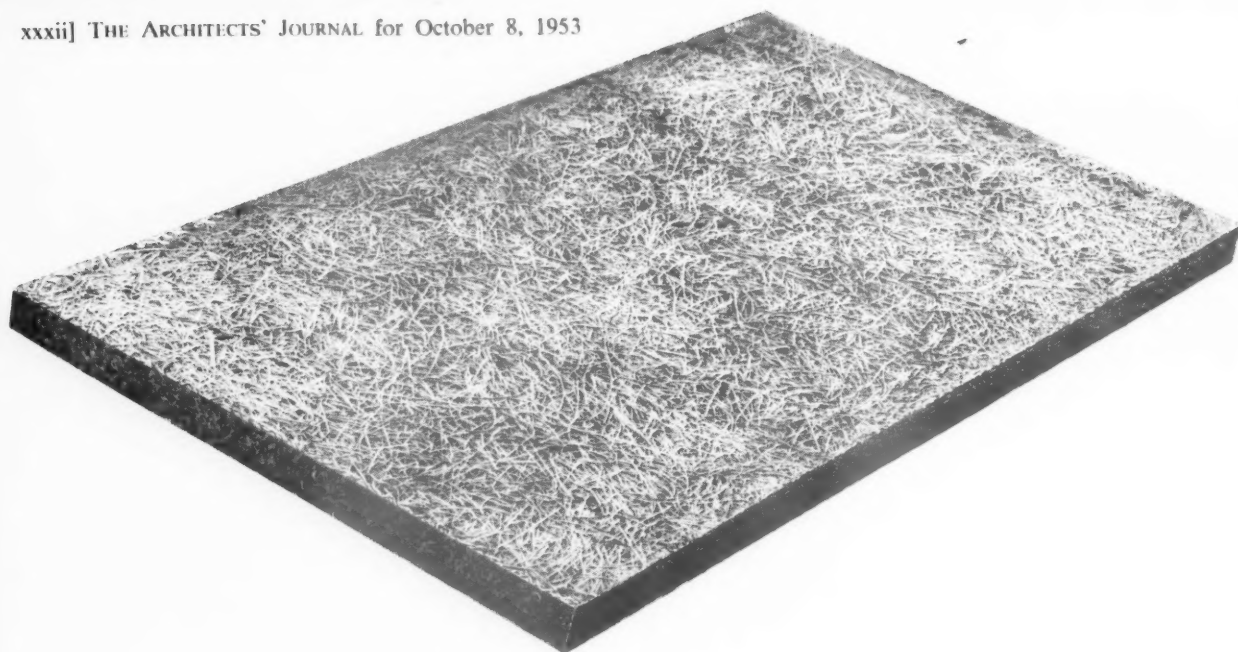
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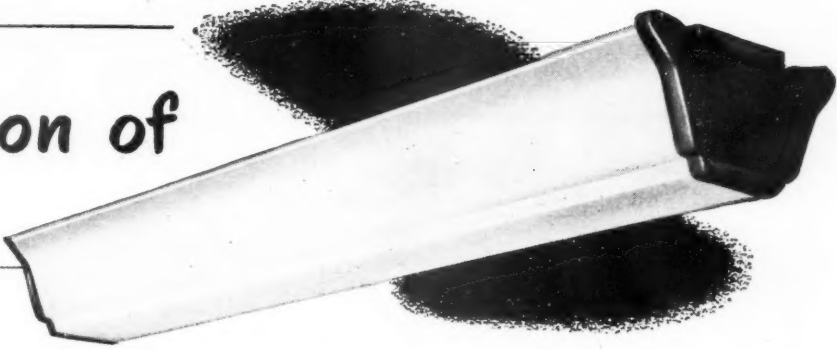
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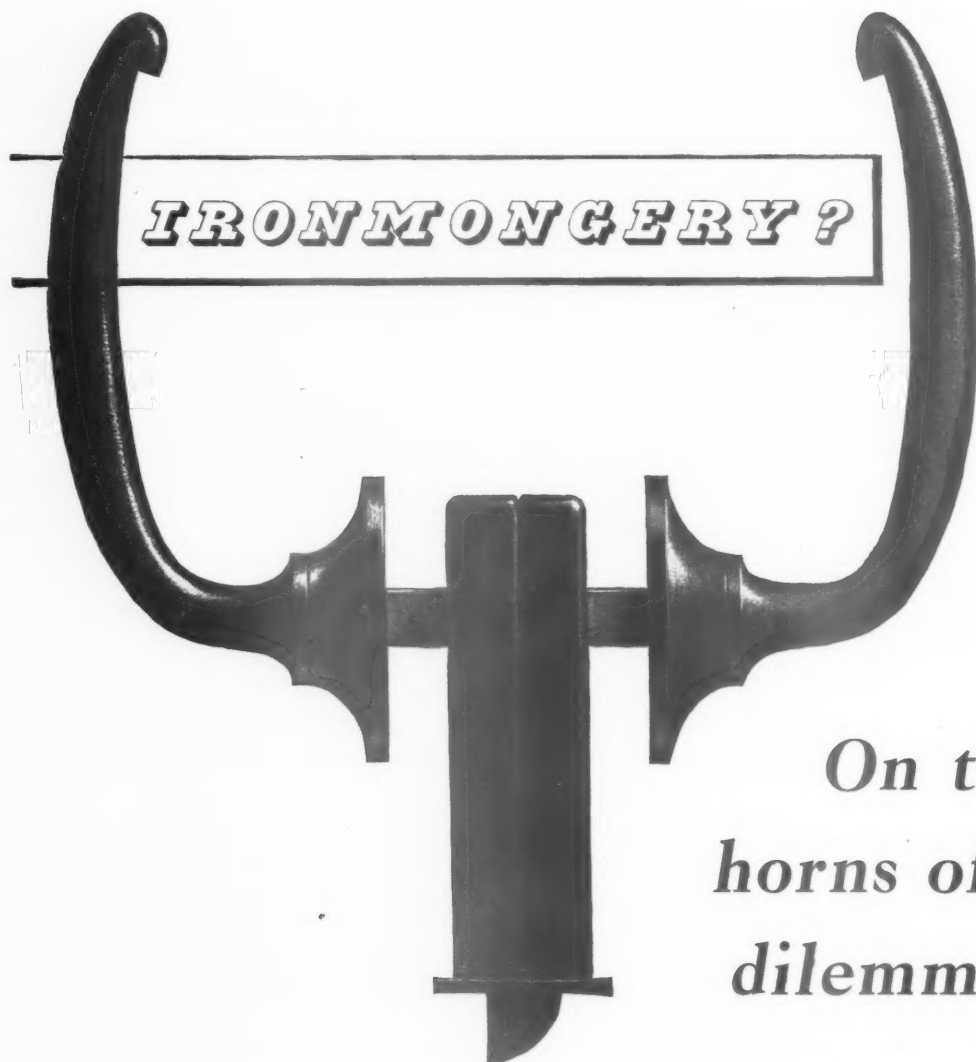


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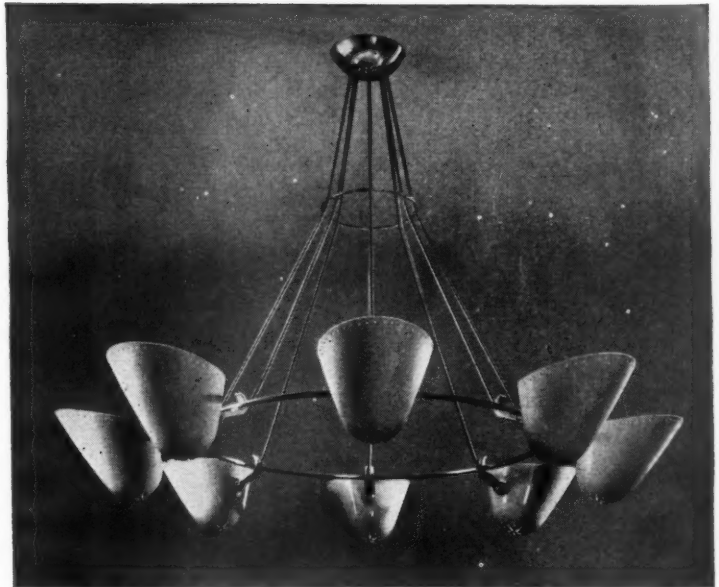
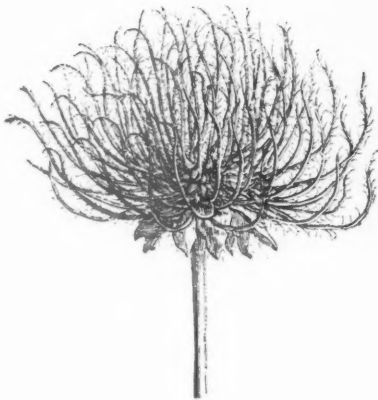
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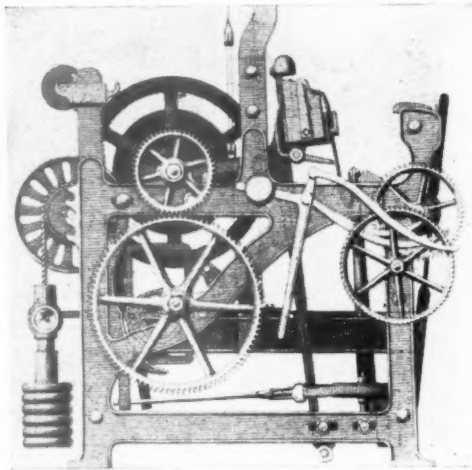
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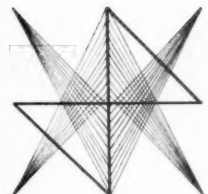
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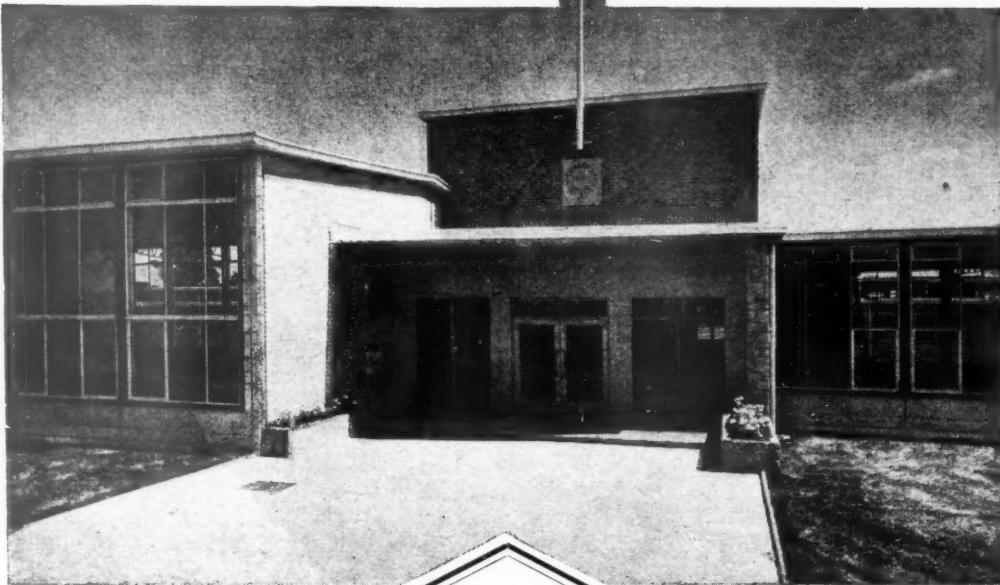
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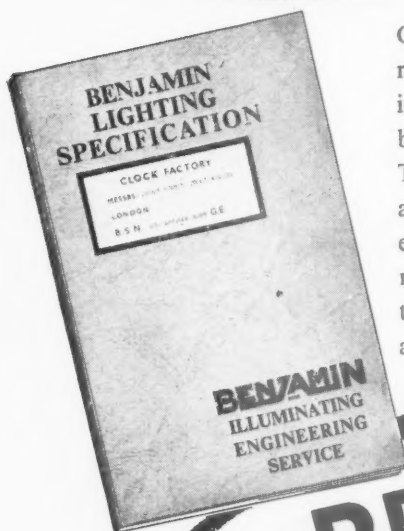


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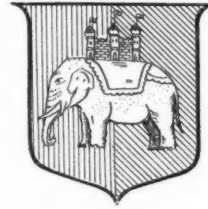
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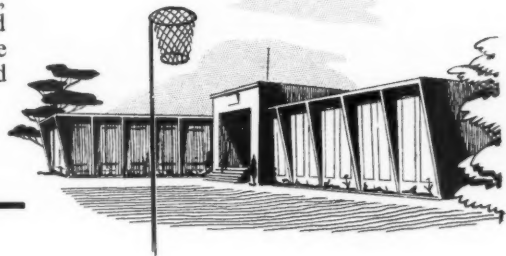
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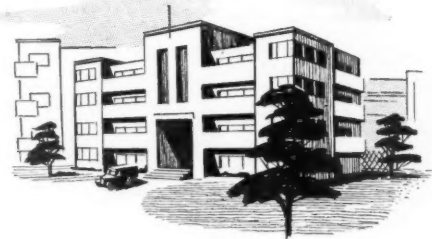
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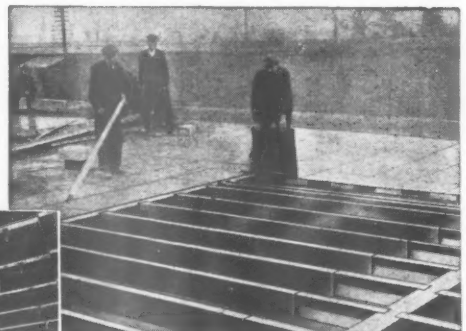
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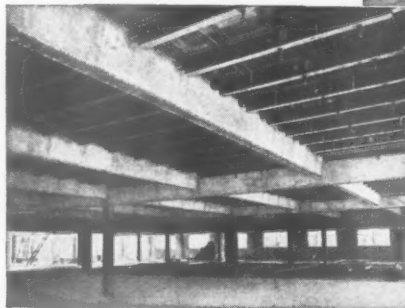
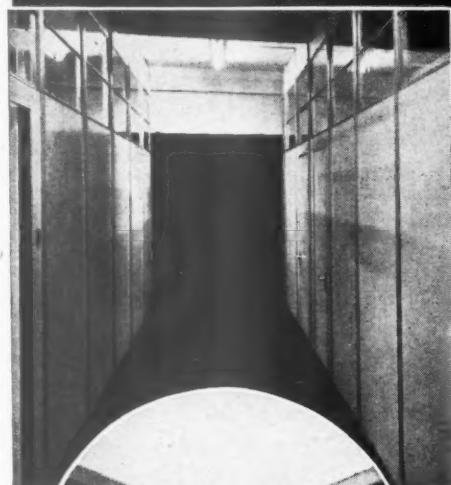


Illustration left shows Span-
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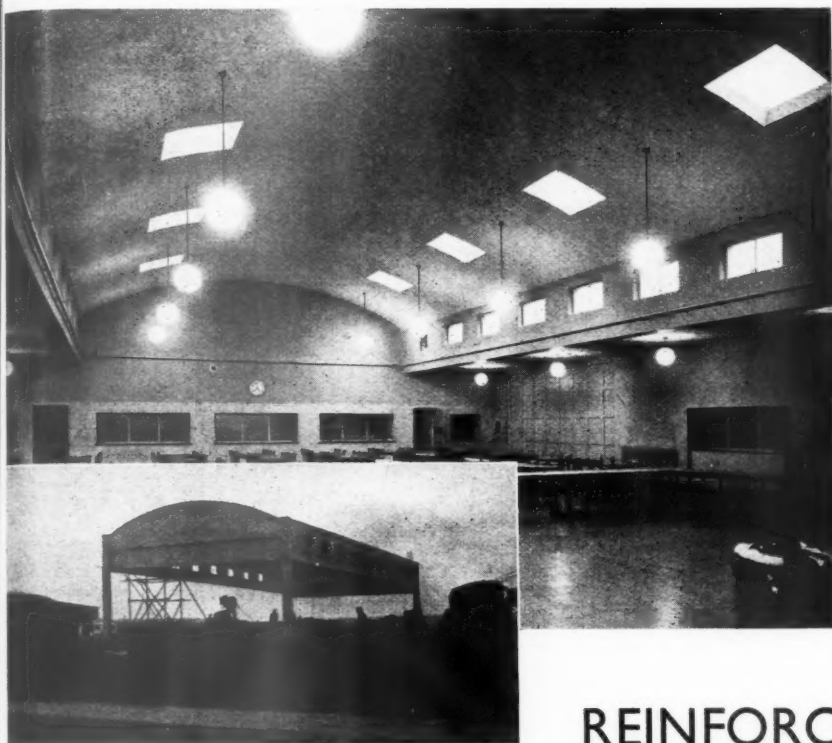
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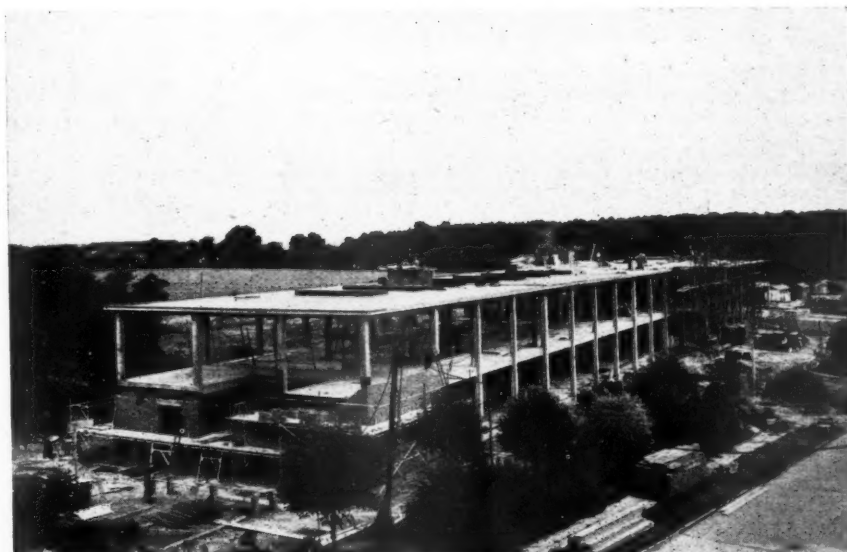
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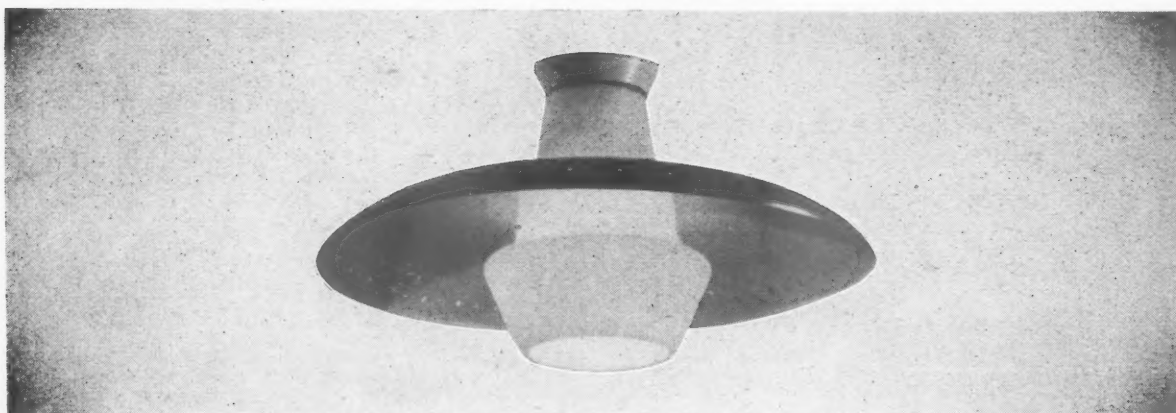
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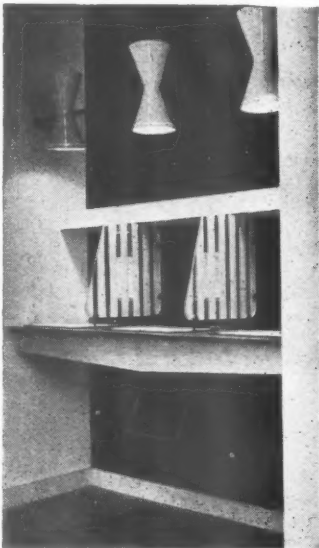


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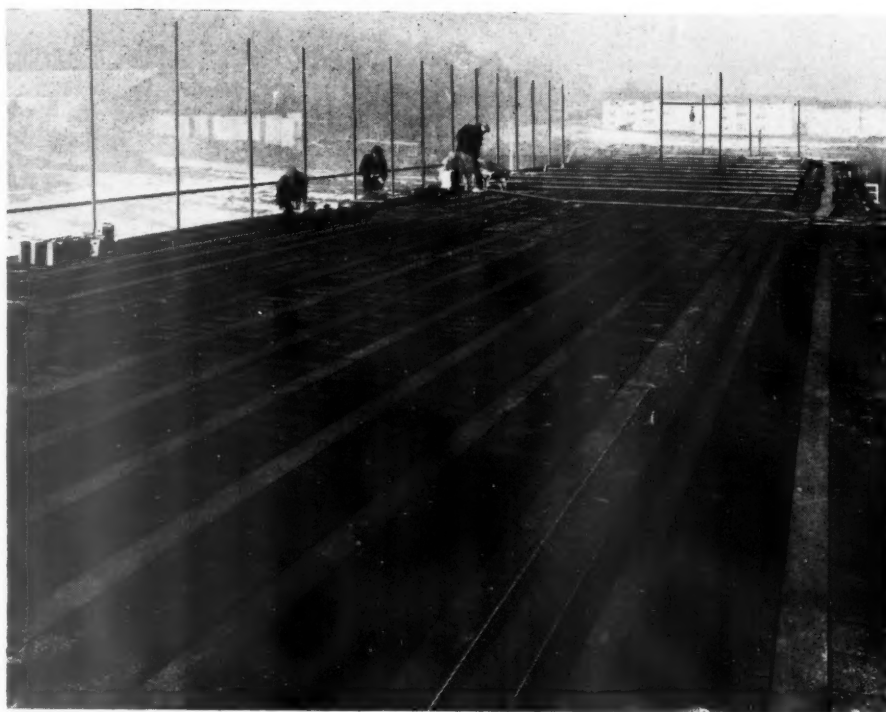
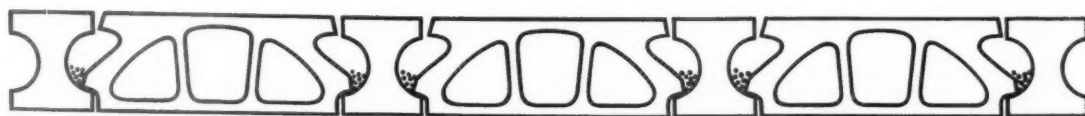
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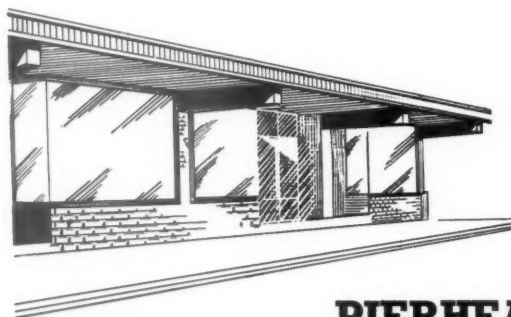
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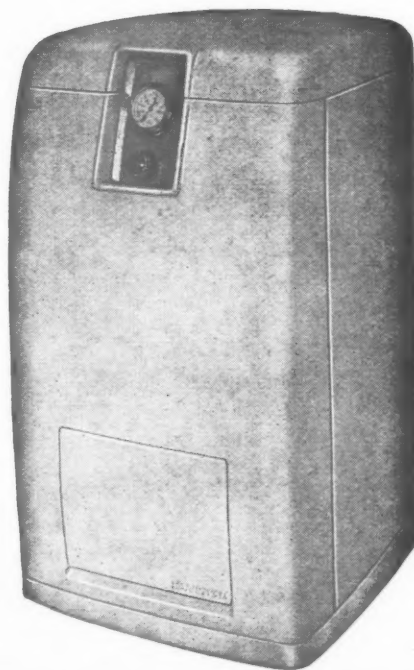
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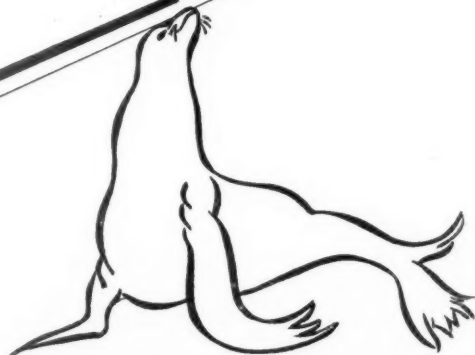
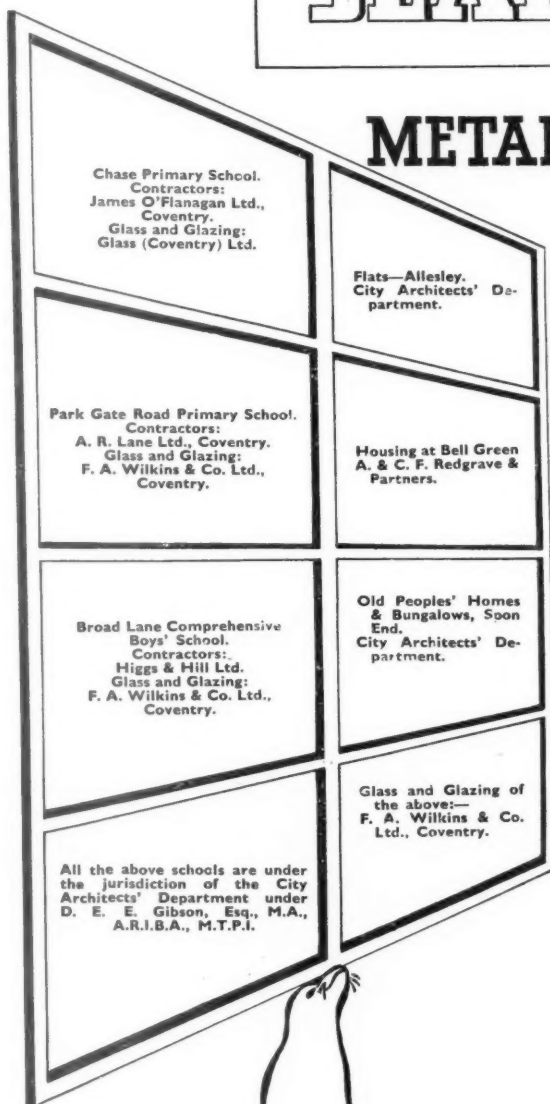


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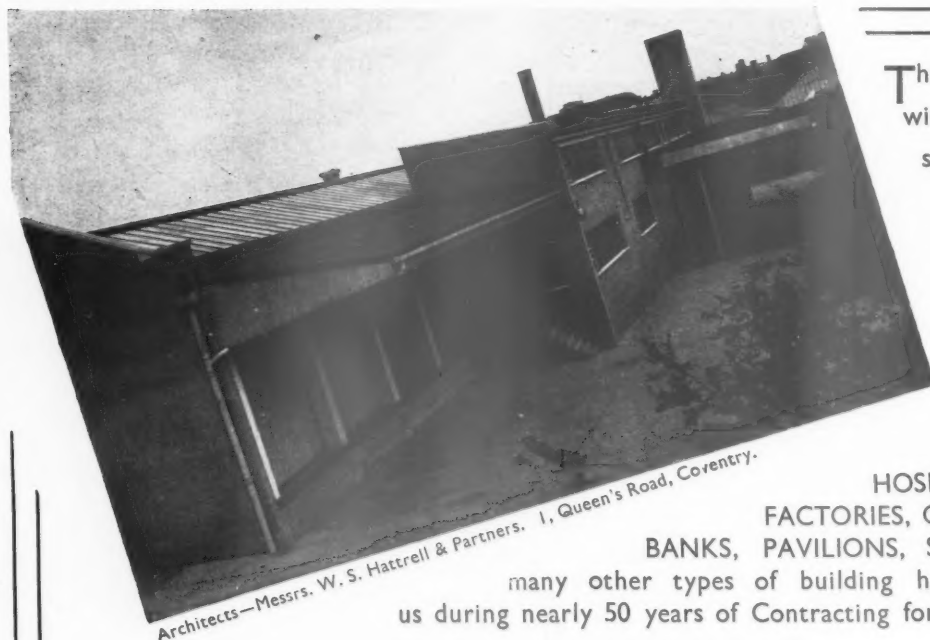
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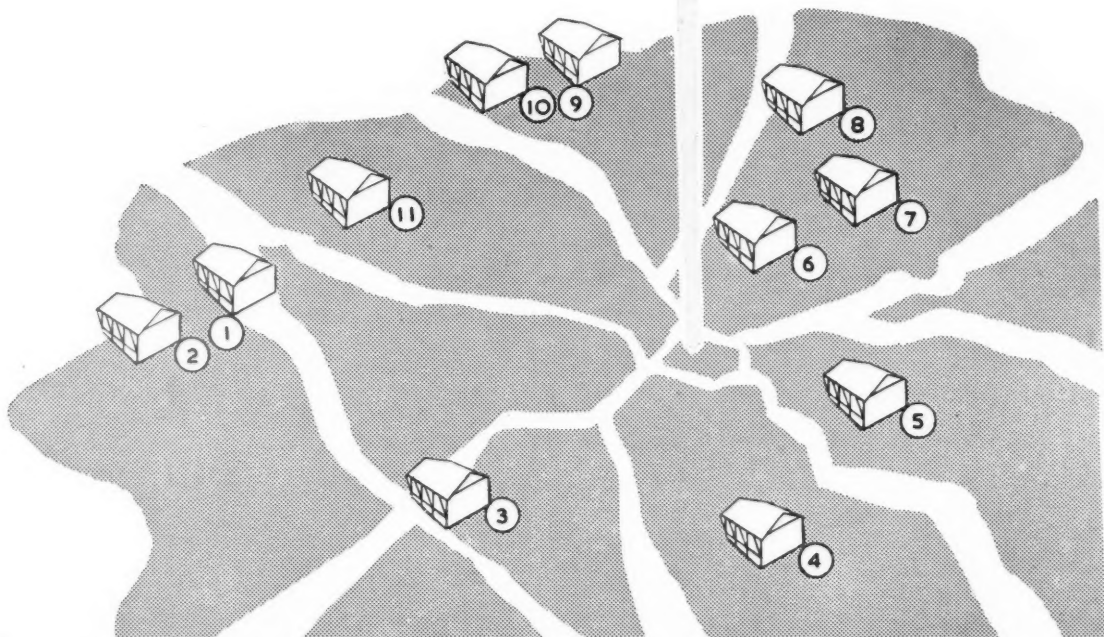
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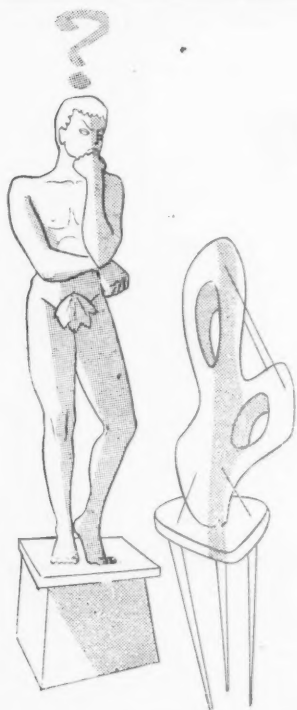
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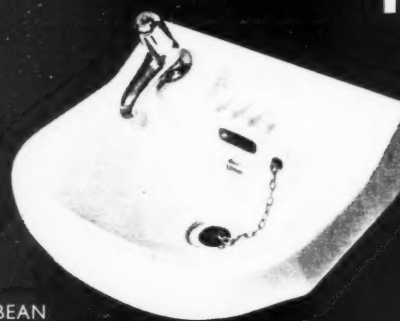
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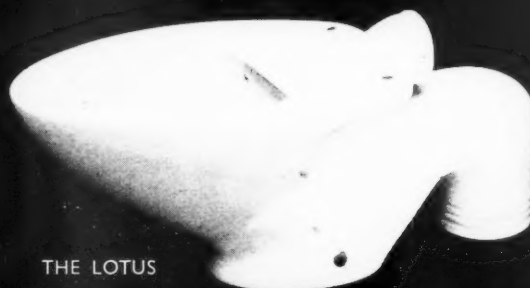
Fig. 755



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Fig. 6015 THE "KODE B"



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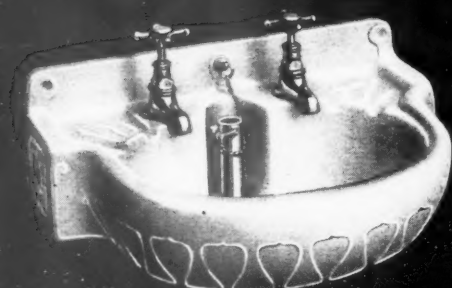


Fig. 439 THE LOTUS



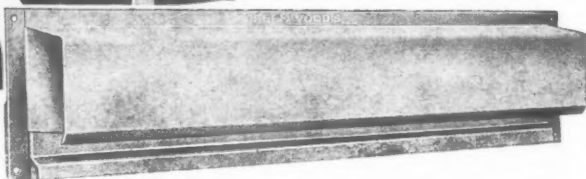
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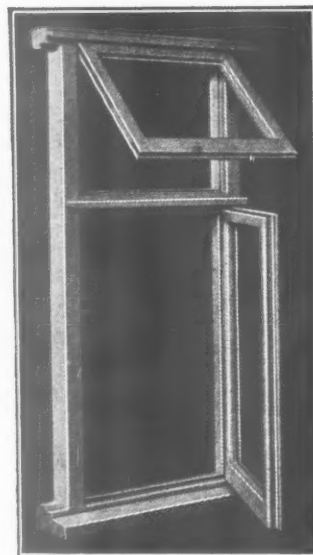
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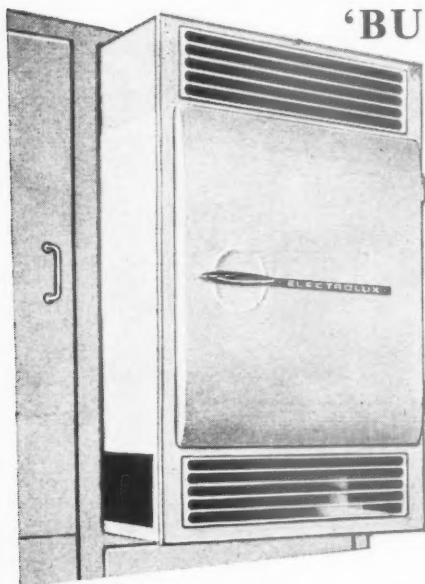
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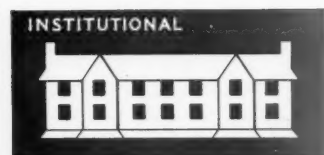
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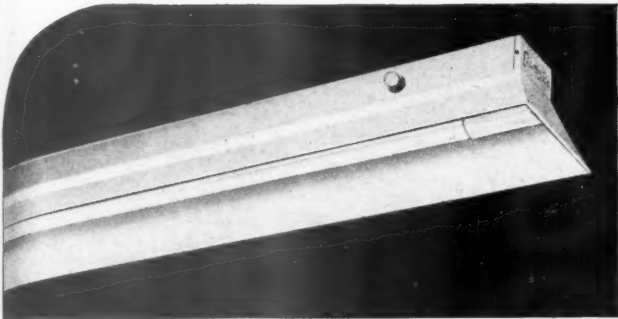
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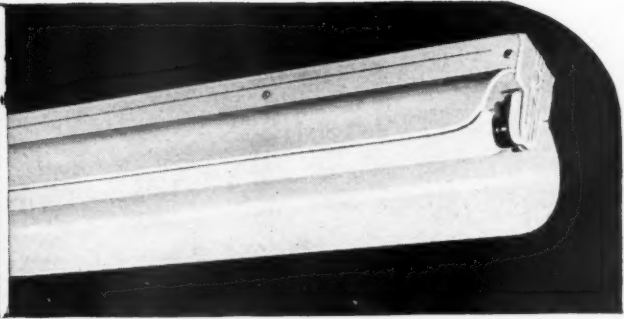


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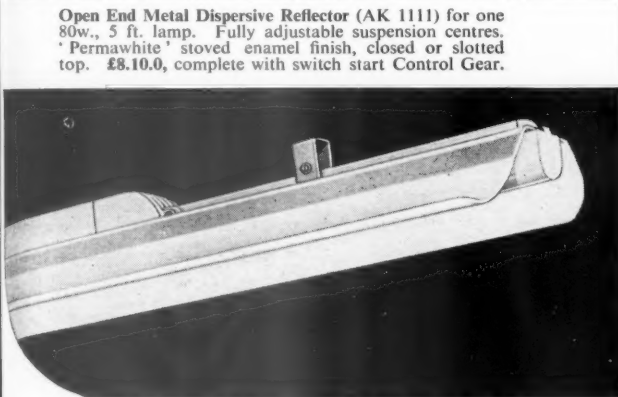
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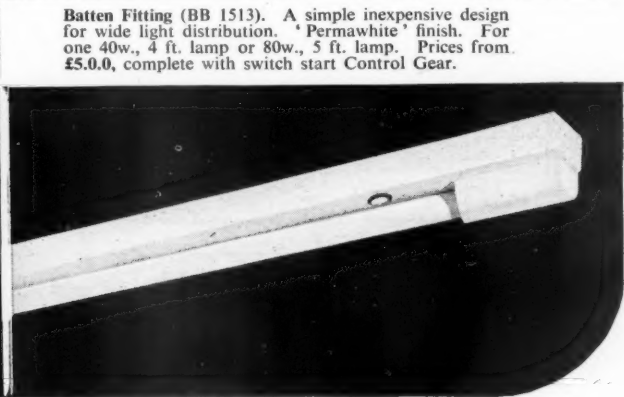
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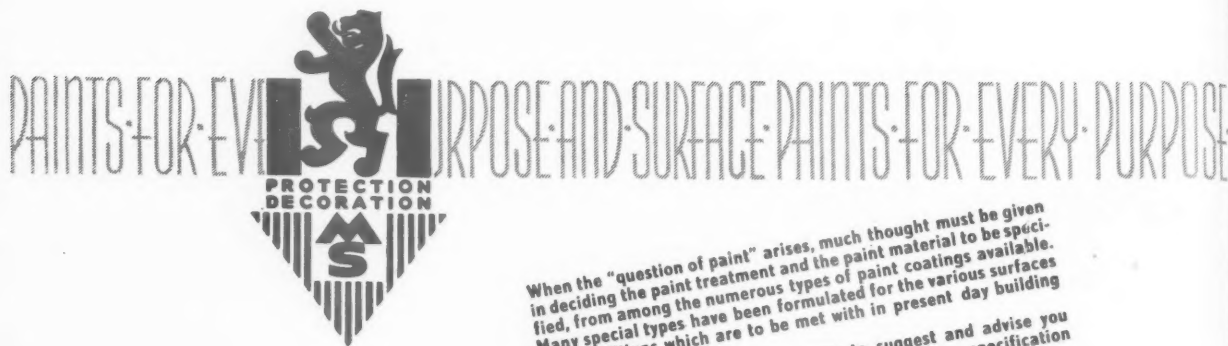


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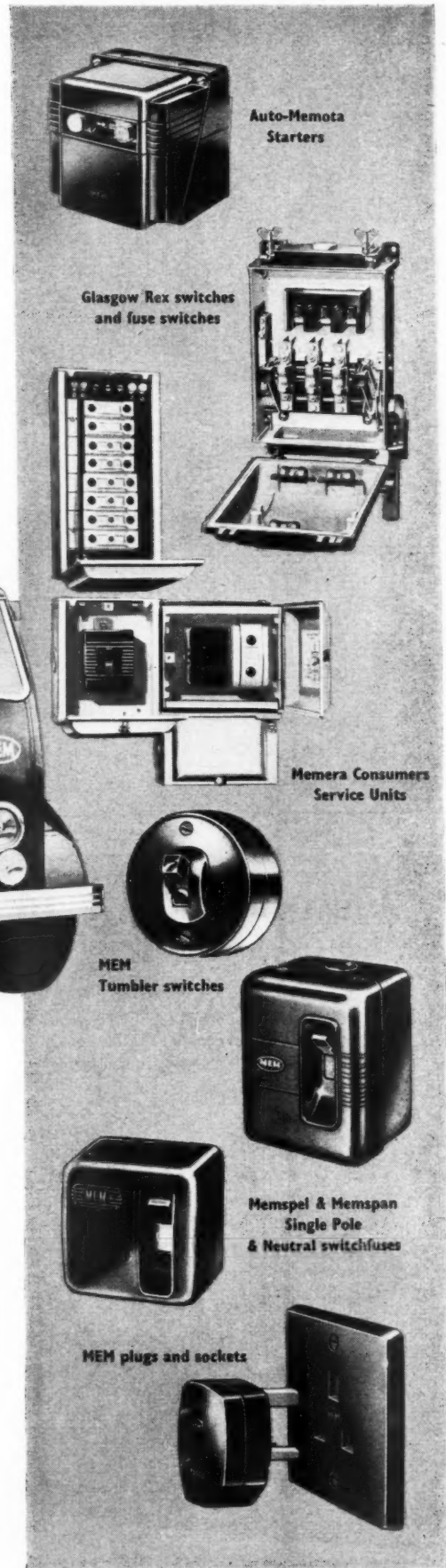
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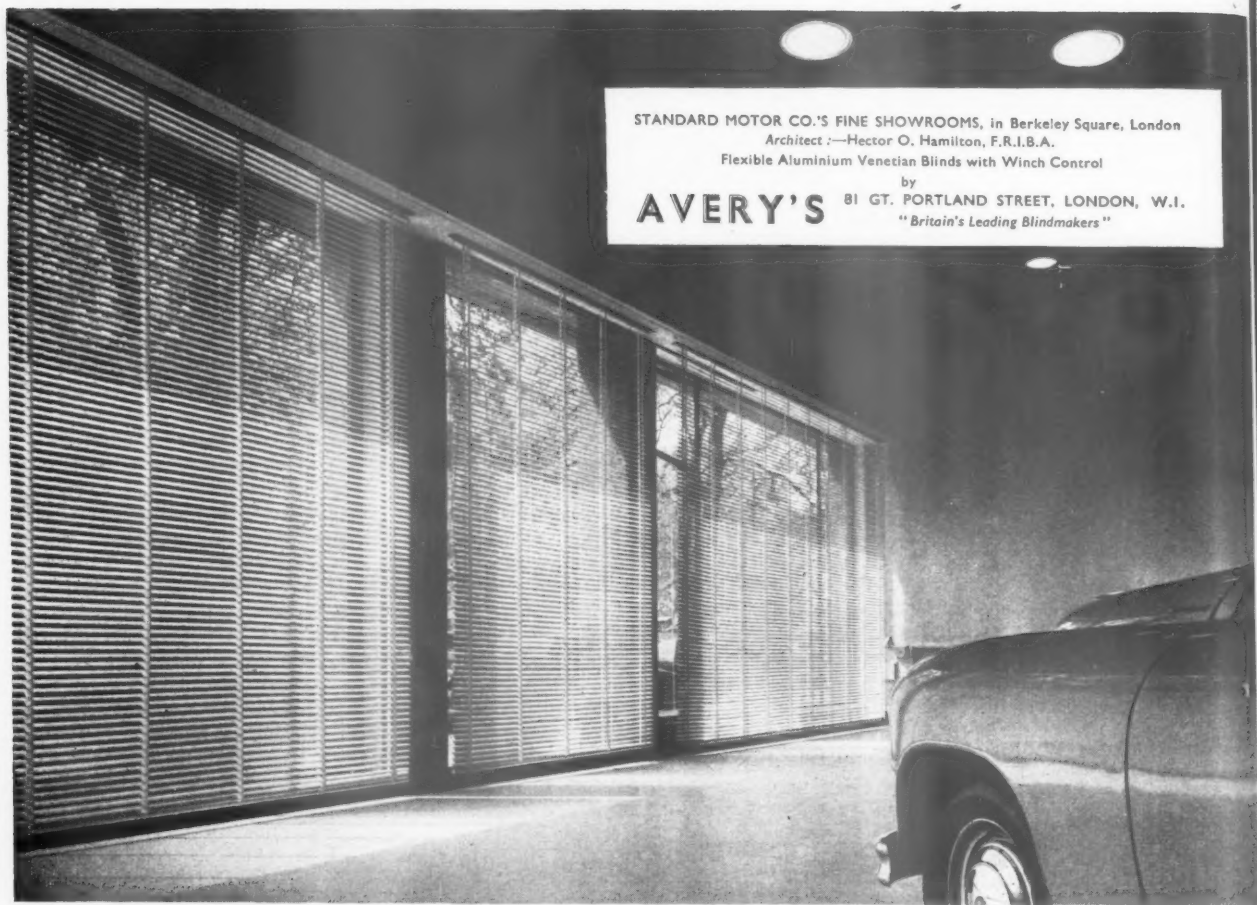


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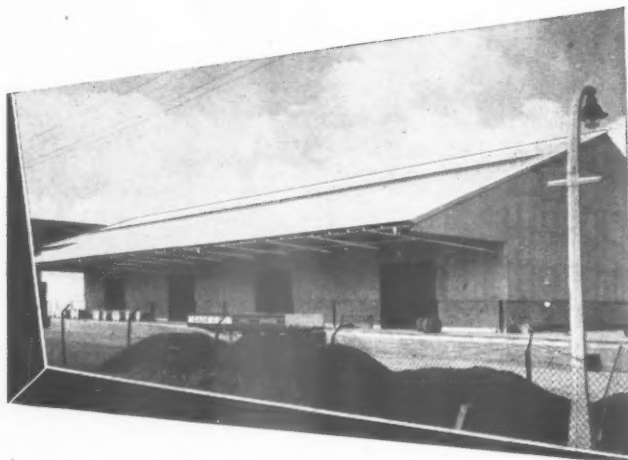
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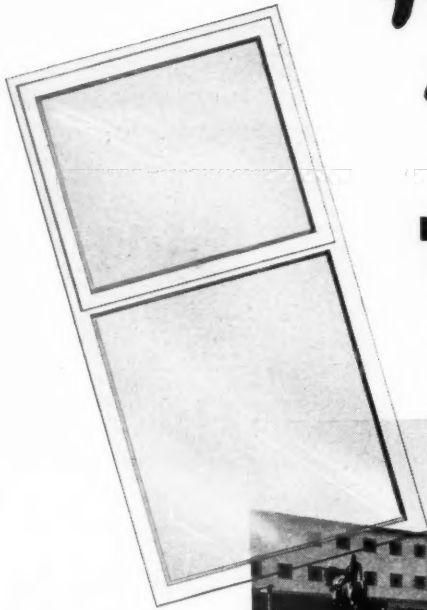
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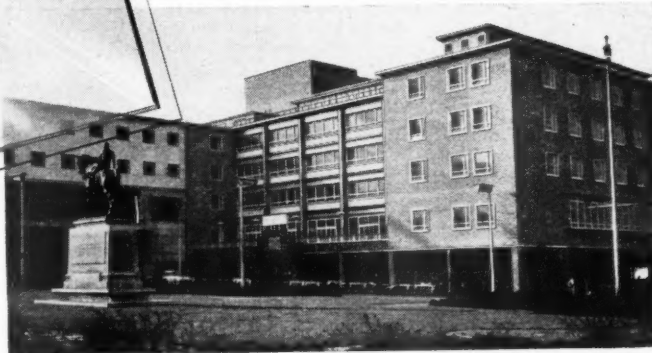
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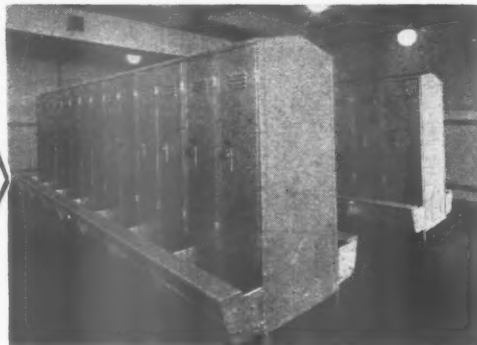
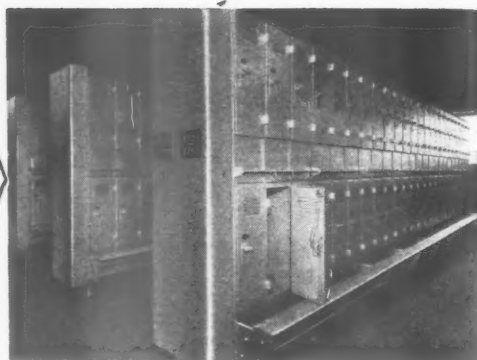
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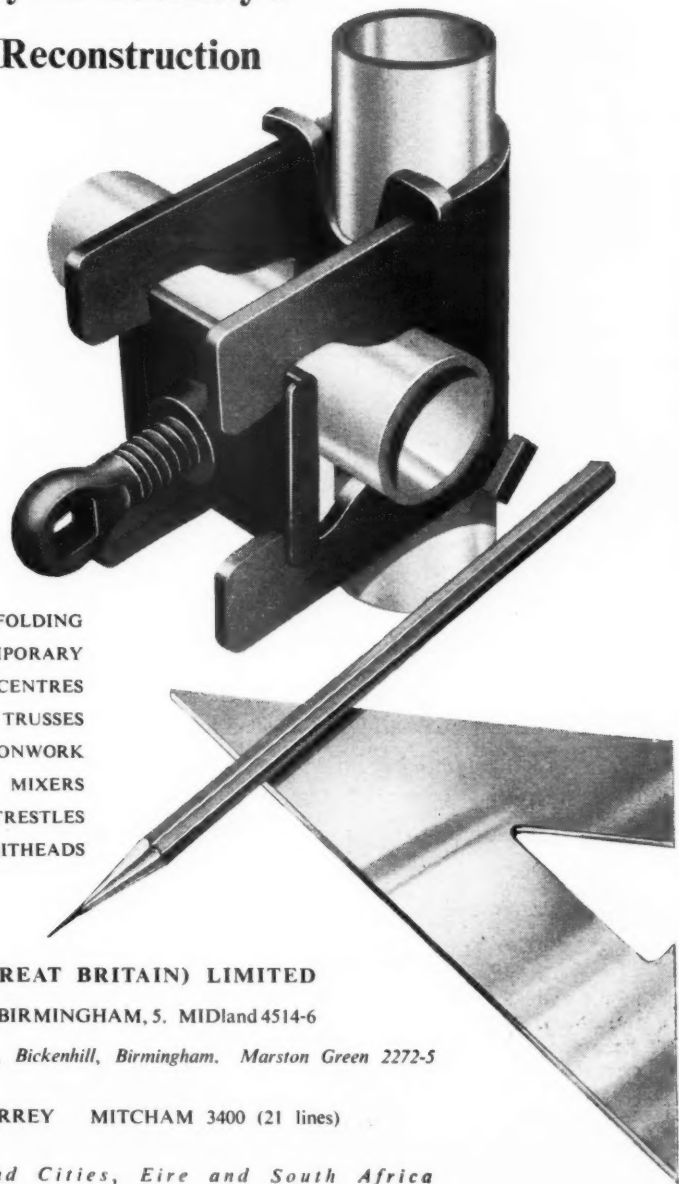
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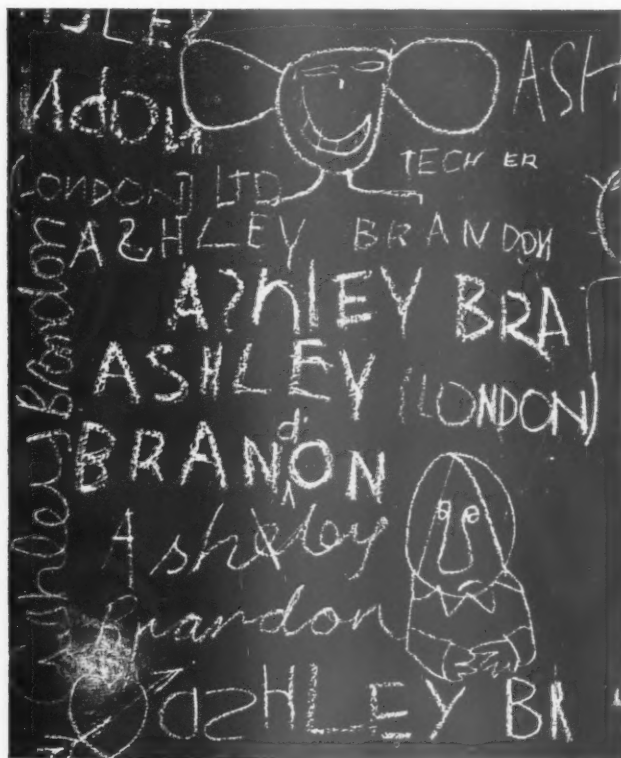
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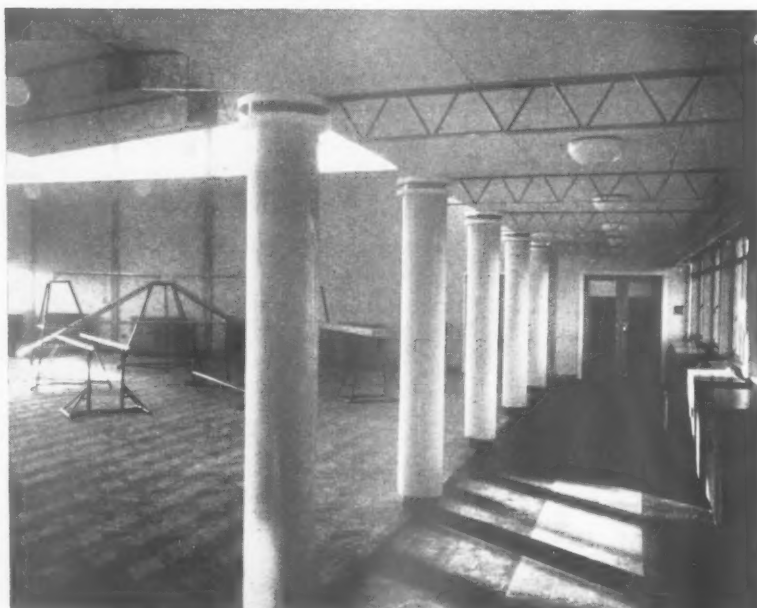
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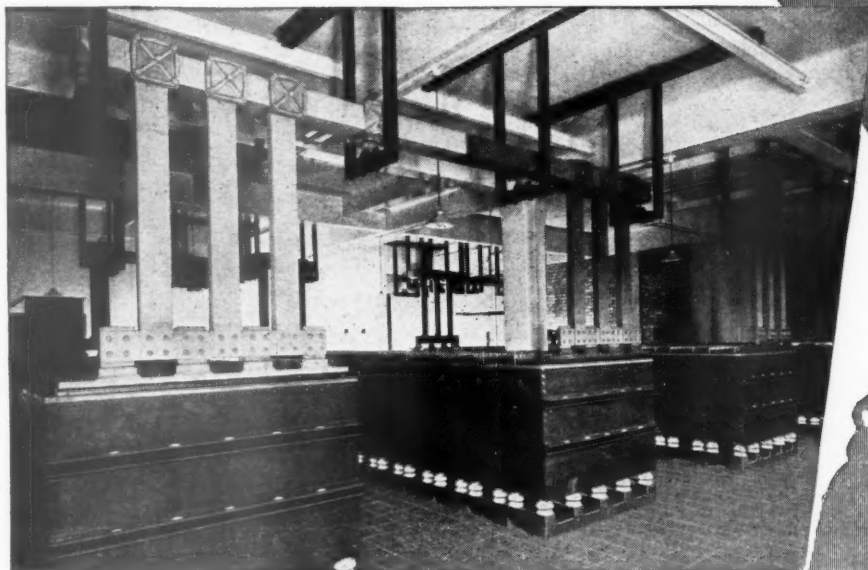
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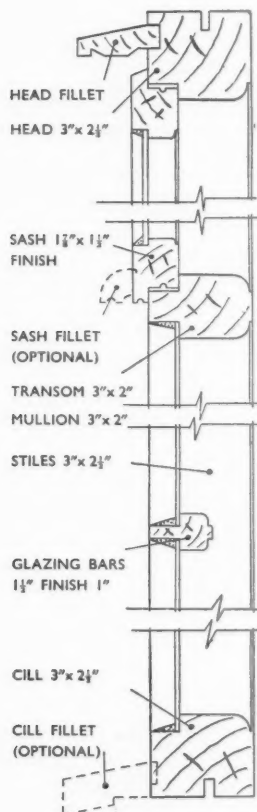
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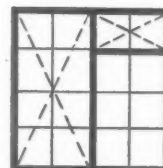
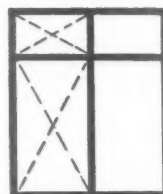
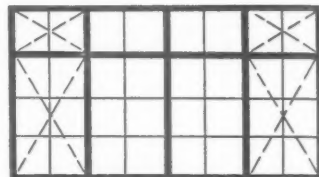
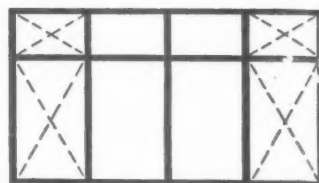
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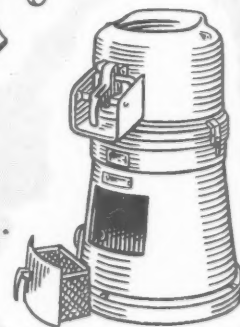
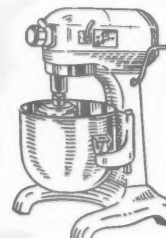
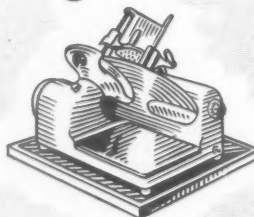
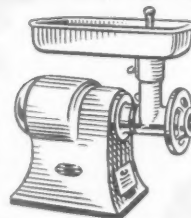
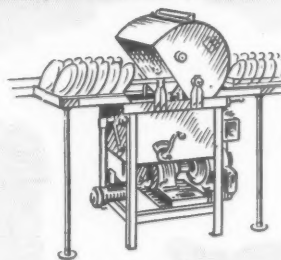
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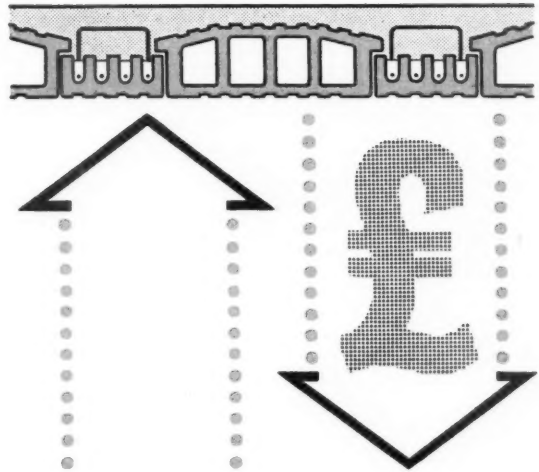
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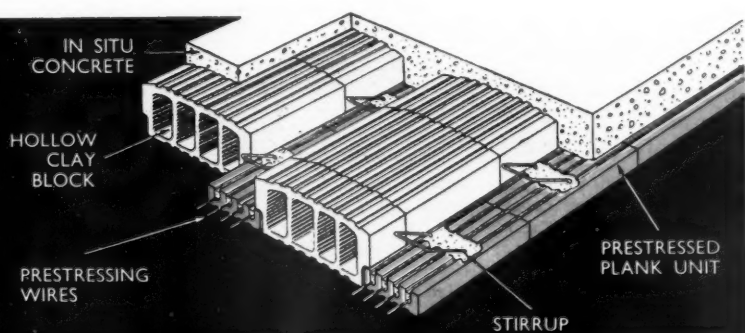
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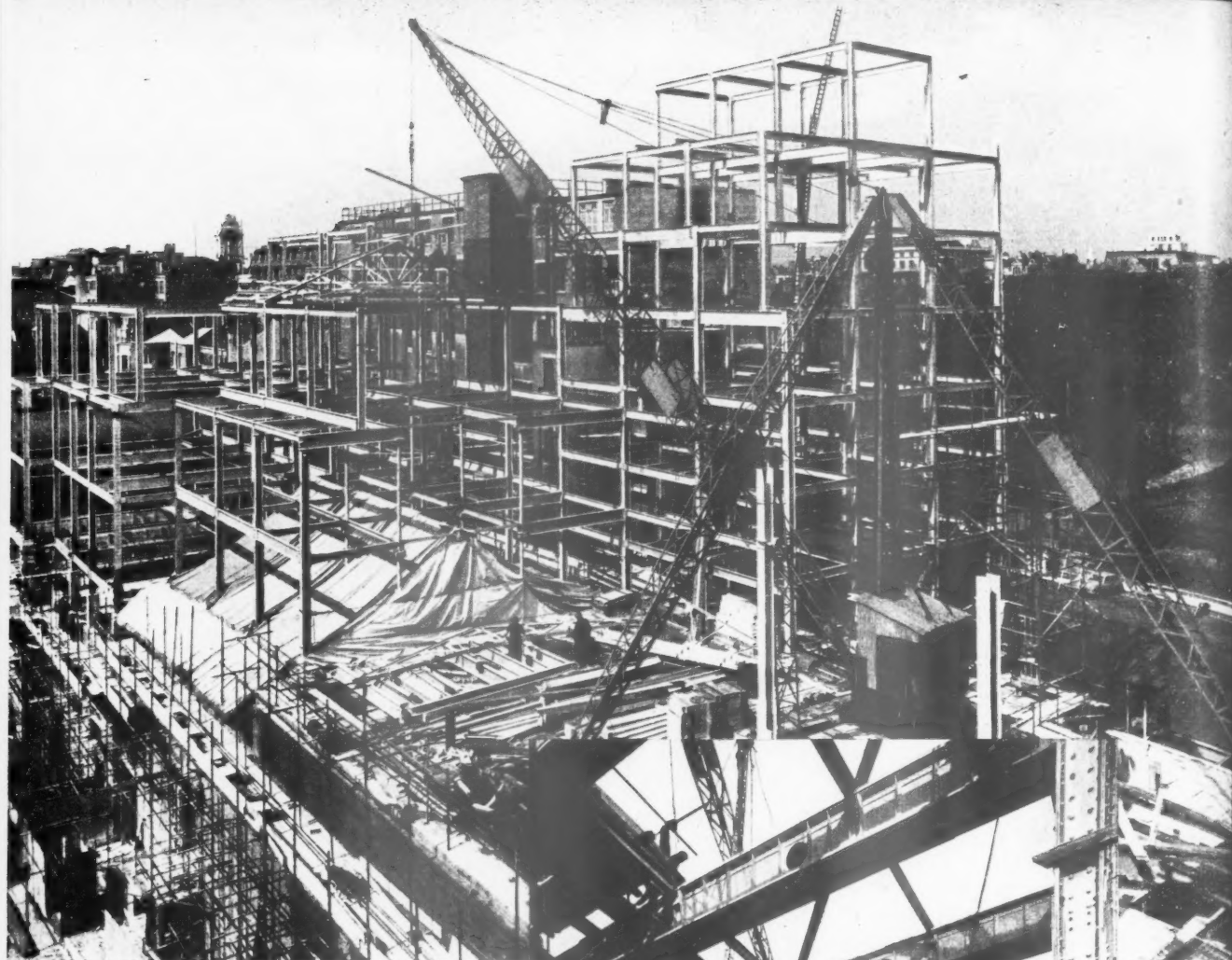
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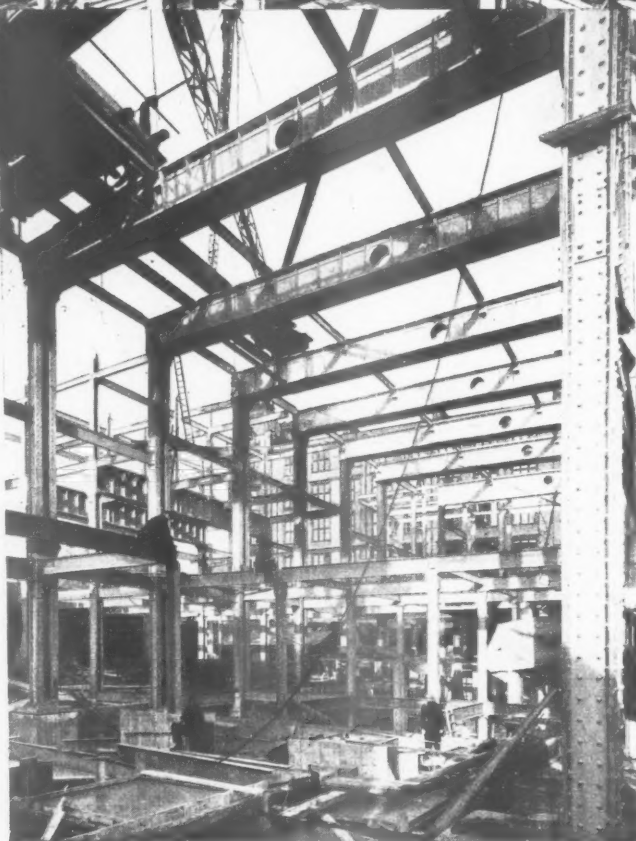
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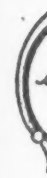


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No. 3058 October 8, 1953 VOL. 118

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BRIEF TIVOLI

The time: an autumn morning just before noon. The place: London's René Clairland—that mixture of elegance and fantasy on the river bank which has given a new meaning to the word "Battersea." As ASTRAGAL wanders through the empty gardens (they don't open until 12.30) he finds it difficult to believe they will shortly echo the ring of the breakers' hammers. What features, he wonders, will the new owners—the LCC—decide to preserve?

A warm, mud-stained breeze lifts the yellow Chinese lanterns, catches an aroma of cafeteria coffee and whisks it—together with a whiff of the farm-

yard (the children's zoo?)—towards your columnist, whose senses are unusually alert—a normal reaction, we are told, at times of impending tragedy. For the first time ASTRAGAL realizes what a wealth of first-class details there is in the Gardens. For the first time, too, he begins to appraise these details individually, instead of simply enjoying the atmosphere to which they all contribute. And the more he appraises, the less he envies the LCC Parks Department in its task of elimination.

What can we best do without? Silver bells? Cockle shells? Arthur Ferrier's pretty maids in a shameless row across the Rotor's façade? The charming Aviary Restaurant, with its arbour-framed views? Koch and bullfinches? The boating lake waterfront?

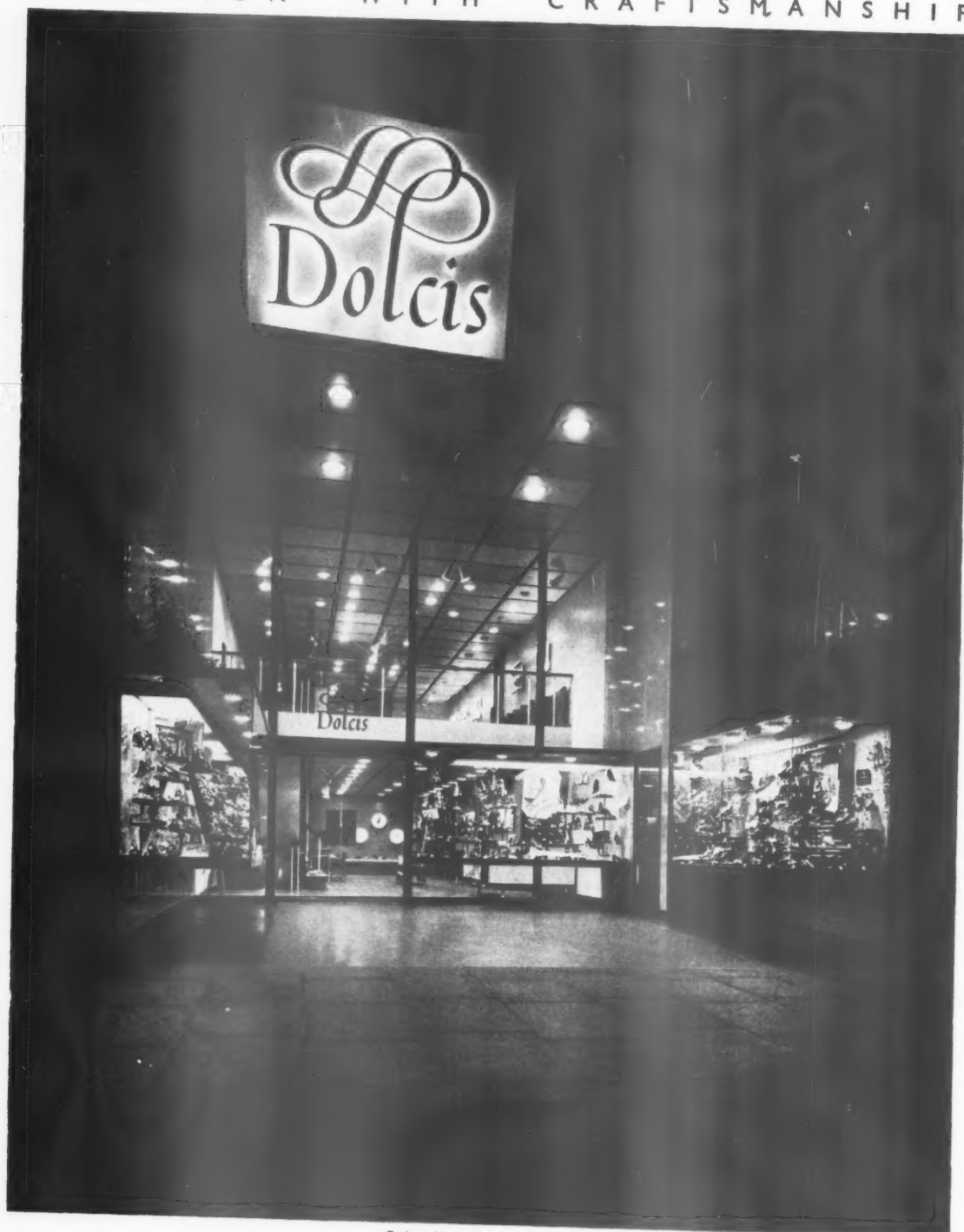
ASTRAGAL has practically decided to keep everything by 12.40 p.m., when the Battersea disc-jockey gets on the job with the day's first soporific (or is it *South Pacific*?), and the day's first ice-cream tub plops among the crisp brown leaves. A 3-D Emmett creation cranks, unobserved, into action; the Big Dipper climbs and swoops self-consciously, its two passengers too lonely to scream, and there is a sudden sprouting of stall-holders on all sides.

On to lunch, itemised in a familiar typography which recalls moments spent with cold fillets bathed in pink fluorescence . . . and then the gardens are quietly coming to life. Just enough people to give a lazy movement in the vistas and piazzas (strange how that word has been popularized), and just

enough music—including that thumping village band, which surely escaped from a French film—to produce an appropriate festive (dare one say fairground?) blend.

At last ASTRAGAL drags himself away, unconvinced by the message (in large lettering over the Lancaster lake): "Au Revoir, Festival Gardens." Who, he wonders, is trying to kid whom? And why, he asks—climbing on to his soap box and/or high horse—should the Gardens have been given too short a time to prove their worth. Granted the initial outlay would have taken years to regain. But last year the Gardens made £3,000 more than was spent on their running and maintenance costs—and they have been drawing larger crowds (two million people in twenty-one weeks) than any of the other London parks.

Is it relevant to point out that the Government loses more than £1m. every year on London's parks? It is certainly relevant to suggest that Battersea's Gardner should be called in to advise the LCC Parks Department on the treatment of its inheritance. Somebody *must* insist that the Riverside Theatre be preserved. Like almost every other structure in the Gardens, it has settled down nicely on its site. Indeed, the only two buildings which look as unhappily misplaced as they did in 1951 are the two permanent Parks Department buildings—the tea terrace cafe and the amphitheatre. Are these examples of municipal parks architecture to be all we shall have to remind us of our brief Tivoli? Perish—if ASTRAGAL may say so—the thought.



Dolcis Shoe Company, Piccadilly, W.1. Staff Architect : Ellis E. Somake, F.R.I.B.A.

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BBC VIPS

Smart new dining and reception rooms, it is announced, are to be built in Broadcasting House for the use of senior executives at a cost of so many thousand pounds. The waspish press comment which greeted the news was directed entirely against the expense, not—as previous experience might justify—against the quality and value of what was to be bought. ASTRAGAL speaks with some feeling on this, for the only two slightly equivalent rooms in Portland Place that he has seen—the Staff Canteen and the VIP's drawing-room on the ground floor—are the ugliest rooms of their type that he has ever, in a long life of visiting buildings, had the ill-fortune to see.

The canteen, though apparently well-run and certainly clean, has just been re-decorated throughout in apple green and pillar box red—the classic example of colour discord—and is as depress-

ing to eat in as it is hideous to see. The VIP room—although, in fact, it may contain not one of these items—looks as if it was entirely furnished in satin cushions, roped-up sofas, fringed lampshades, dingy tapestry curtains and pouffes—an extraordinary contrast to the reasonably tidy and often pleasant surroundings to be found in studios and corridors.

Conditions at BBC branches at 200, Oxford Street and Bush House are little better. A battered tubular armchair, a fumed oak occasional table, a boarding-house rug and cream-and-beige paint, are, like it or not, the setting in which the broadcaster waits his turn—a visual welcome so deplorable that no amount of cheerful hospitality from the staff can rescue the visitor from instant despair.

There is no excuse whatsoever for all this. The BBC was among the first

semi-official patrons of good contemporary design—remember the early studios of Wells Coates, Serge Chemayeff and Raymond Macgrath?—and in all else—programme publications—they aim at and generally keep remarkably high standards. How is it, then, that you can walk for miles on BBC property and never see a decent piece of furniture, or even a picture on a wall? Or has ASTRAGAL just been unlucky in his routing? Or has the BBC fallen victim to the civil service disease which, in E. M. Forster's words, turns the interiors of so many ministries into something like the “inside of a not very healthy animal”?

ASTRAGAL is in favour of the proposed executives' dining-suite, provided that it becomes the first lever in the door for better design in the BBC.

ASTRAGAL.

N E W S

COMPETITION

Dover Awards

Kenneth Dalgliesh and Roger K. Pullen of London have won the first prize of 1,000 guineas for their design for the redevelopment of land along Marine Parade, Dover (see perspective below). The competition was for the design of 303 dwellings on a site of 6.5 acres. The assessor was Arthur W. Kenyon. The remaining awards are as follows:—Second prize of 500 guineas, F. Russell Cox of Burford; third prize of 250 guineas, Jackson and Edmonds of Birmingham; fourth prize of 150 guineas, Braddock and Martin-Smith of London; fifth prize of 75 guineas, Stewart and Hendry of London; sixth prize of 50 guineas, J. Brandon-Jones and Kenneth G. Miller of London. All prize-winning designs and further designs chosen from the 144 entrants will be illustrated in the JOURNAL next week.

RIBA

Architectural Photography

The exhibition of architectural photography, which has been organized by the RIBA and the Royal Photographic Society, opens tomorrow at the RIBA headquarters, 66, Portland Place. There are 151 exhibits which have been split into three categories. The section on historical architectural subjects contain 63 photographs; the contemporary architecture section contains 84 photographs.

MOHLG

Housing Progress

The number of permanent houses and flats completed in August was 24,837, compared with 17,821 in the same month last year. Local authorities built 18,039; private builders, 5,477; housing associations, 666, and government departments 608. There were 47 war-destroyed houses rebuilt under licence.

DIARY

Architectural Photography. Exhibition at the RIBA, 66, Portland Place, W.1. (Sponsor, RIBA and Royal Photographic Society.) Weekdays, 10 a.m. to 7 p.m.; Saturdays, until 5 p.m. OCTOBER 9-29

Visit to Schools at Ruislip and Cranford. Leaving AA, 36, Bedford Square, W.C.1, at 9.45 a.m. (Sponsor, AA.) OCTOBER 10

Tendering Procedure from the Builder's Point of View. R. H. Francis. At the Talbot Restaurant, London Wall, E.C.2. (Sponsor, Junior Organisation Quantity Surveyors' Committee.) Tickets from D. Harvey-Browne, 19, Lydhurst Avenue, S.W.2. 7.40 p.m. Dinner at 6.30 p.m. OCTOBER 13

Joints which Move. Joints for Civil Engineering and Building. Films at the BC, 26, Store Street, W.C.1. (Sponsor, Expandite Ltd.) 12.45 p.m. OCTOBER 14

Flats at Marine Parade, Dover. Exhibition of competition designs at the RIBA, 66, Portland Place, W.1. Weekdays, 10 a.m. to 7 p.m.; Saturdays, until 5 p.m. OCTOBER 15-28



View from the south-west of the first prize-winning design for the redevelopment of land along Marine Parade, Dover, by Kenneth Dalgliesh and Roger K. Pullen of London. The scheme will be fully illustrated next week.



A Feather in Coventry's Cap

The degree of success in the Coventry City Architect's attempts to create a centre to this sprawling city can be judged from Broadgate House, above, the block of arcaded shops and offices which stands on two sides of the newly-formed square of Broadgate. This week the JOURNAL publishes the ninth and last article of the series by D. Rigby Childs and D. A. C. A. Boyne on the rebuilding of the blitzed cities. Broadgate House, the only example, amongst nine cities, of central-area rebuilding on a large scale being carried out by a city corporation, forms a fitting frontispiece to a brief survey of some of the achievements by the City Architect, D. E. Gibson, and his staff, and by the Coventry architects in private practice. The view above shows, on the left, the clock tower,

with its bell and, just discernible behind a tree, the two openings from which Lady Godiva and Peeping Tom make their hourly appearance. To the right of the clock is the three-storey bridge of offices, with restaurant at first-floor level, which spans Hertford Street. Right again is the main block of offices and shops, which flanks the entrance to a proposed shopping precinct. On the axis of this precinct entrance is the Levelling Stone, of polished Westmorland green stone, with a Phoenix incised in it, which was laid in June, 1946, to serve as a datum point for computing the levels of the central redevelopment area. Broadgate House may be said to represent no mean pinion from the wing of this remarkable bird.

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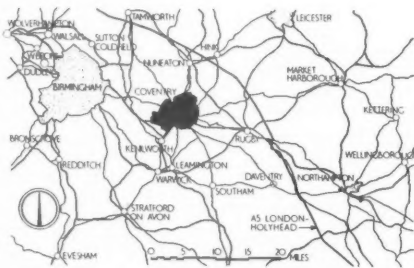
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The Editors

THE LAST OF THE SERIES

THIS week we print the last article in the JOURNAL's series devoted to the planning and rebuilding of the blitzed cities. We began the series with Canterbury and we end with Coventry. The only feature common to both cities, apart from the fact that—for very different reasons in each case—Hitler endeavoured to destroy them, is that both cities have an architect acting in the dual role of architect and planner. This is, unfortunately, an all too rare combination. We say unfortunately, not because of any dislike of the simple planner but because, under the present planning set-up, so many of the planning decisions should be governed by basically architectural considerations, which the non-architect planner is ill-trained to assess. It can also be noted that the two cities in the series with architect-planners in charge of redevelopment are today, as far as can be judged from present progress, producing the most interesting, and visually, the most exciting results in the struggle to rebuild. During the last year we have been repeatedly asked which city has made the most progress in rebuilding, either in housing, or schools, or in office and factory accommodation provided. We do not, as yet, know the answer. It is not easy to compare building progress in towns so different in size, function, degree of bomb damage, type of buildings still remaining, labour force and in value of building licences made available, as, for instance, the two already mentioned, Canterbury and Coventry. Nevertheless, we will endeavour to find and relate all available information in order to see if it is possible to discover any marked differences in the rates of progress of cities, and if there are any factors as regards method and procedure which are common to several towns, and which may delay or accelerate rebuilding.

Any attempt to relate rates of rebuilding does not imply that speed is the greatest virtue. When people are homeless, and short of places in which to work, it is tempting to sacrifice everything for speed of building. But the town which is first to be rebuilt will not necessarily therefore be the best. Foresight in planning, low maintenance costs and first-rate design will be the factors which will be remembered with thankfulness in twenty years time by the citizen of today's still bomb-scarred cities.



In the last of the JOURNAL's accounts of bombed cities a city is described which is known internationally for the imagination and enterprise which has marked the rebuilding of its central area. This article is in two parts: first the plan of the central area, and the background to the planning is described. Accompanying this are illustrations of the work by the city's architectural and planning department. And then the contribution made by the private architect towards the rebuilding and development of the city is indicated.

A SURVEY BY D. RIGBY CHILDS AND D.A.C.A. BOYNE OF

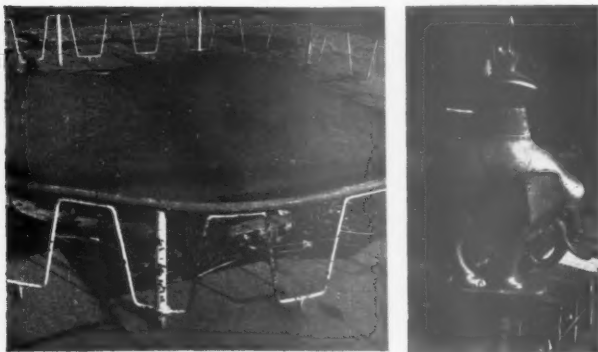
COVENTRY

COVENTRY, the visitor is told, is an artisan's town. This is supposed to explain everything: the dull, rather cheap shops, the even duller houses, and the dreariness of the central area. No one goes to stay in Coventry, so there are few hotels—in fact, since the blitz, there has been no first-class large hotel near the centre. The visitor may have recollections of hearing of Coventry's mediaeval character. It is hard to discover now. Except for the industrialist there is no reason for visiting Coventry, and even the industrialist will stay at Birmingham, or with friends in the country outside the city and not in the town itself. The visitor interested in

discovering the City's architectural wealth will not have to search for long—there's hardly any left of the little it ever had. Nor, on the other hand, is there the fascination—of a kind—of a wealth of Victorian architecture. Architecturally, the City today has no character, save that of the duller type of late nineteenth and twentieth century suburbia. But the city of tomorrow is quite another story.

The plan for the Central Area of Coventry is extraordinarily simple. Furthermore, its execution has produced architecture possessing vivacity and homeliness, the warm human qualities which the modern architect

carried out by a city corporation, forms a fitting frontispiece to a brief survey of some of the achievements by the City Architect, D. E. Gibson, and his staff, and by the Coventry architects in private practice. The view above shows, on the left, the clock tower, the central redevelopment area. Broadgate House may be said to represent no mean



Left, the levelling stone, designed by City Architect D. E. Gibson, of green Westmorland stone with a Phoenix rising from flames incised on it by Trevor Tennant. Right, the city's arms, an elephant and castle, which stands on an aluminium standard at the entrance to the shopping precinct.

and his client too often ignore. The plan which aims to transform the pre-war scene is, however, based on traditional zoning. The boundary of the area is a new ring road, encompassing an area of 223 acres, divided into four main parts. In the centre, on the middle level, is shopping and business; at a lower level, to the west, an area for service industry; and, to the east, at a slightly higher level, a public buildings quarter. This includes an area for clubs which will serve the whole town, together with ecclesiastical precincts. The heart of the plan is the combined shopping and business centre (see pages 428 and 436-8) consisting of an almost totally enclosed square measuring about 350 x 350 feet connected to a new shopping precinct about one-sixth of a mile long laid out on the east-west axis of S. Michael's Church. The form of both the new square, Broadgate, which takes its name from an historic street incorporated in the square, and the precincts, is something quite new to the City's townscape, but already it is a dominant element in the scene, even though Broadgate is only about one-third and the precinct not one-tenth finished.

sightseeing in broadgate

To get an impression of the volume and character of this rebuilding, let us imagine that we are taking a walk around Broadgate and the new precinct, starting on the west side of the square which follows the line of former Broadgate Street. One's immediate impression is of motor traffic and cyclists swirling around a large traffic island which is formally, but not too rigidly, laid out with a wealth of flowers and shrubs in a setting of grass and masonry pavings and curbs. Isolated in the centre, for pedestrians are barred from crossing over on to the island, stands the monumental bronze image by Sir William Reid Dick of Lady Godiva on her steed. To look round the square is to realize that the gashes of bomb damage have gone, or, with the exception of one gap, are fast disappearing. Behind us, on the east side of Broadgate, a row of temporary shops decently screen a still barren site. On the right, the structure of a large departmental shop, the well-known Coventry store of Owen Owen, is taking definite shape. Next to it, on the west side, the site behind a screen of bus shelters looks ready for the builders.

Then comes the entrance of the court leading to the shopping precincts. We cannot fail to miss this: rising up in front of us is a standard bearing the City's Arms, a gold elephant with a gold castle on its back. On the pavement, slightly beyond, some slender railings guard the symbol of rebirth, a Phoenix incised on the face of a levelling stone, from which are being taken the levels for all new building in the Central Area. The actual entrance to the precinct is defined by an elegant concrete

and metal bridge which spans the precinct at first floor level and which will provide access from the ground to terraces of shops at the first floor level. In the distance, the fabric of a large popular bazaar can be seen rapidly taking shape. It is striking to notice how, although so little of the precinct is yet built, its final form is already becoming apparent.

broadgate house

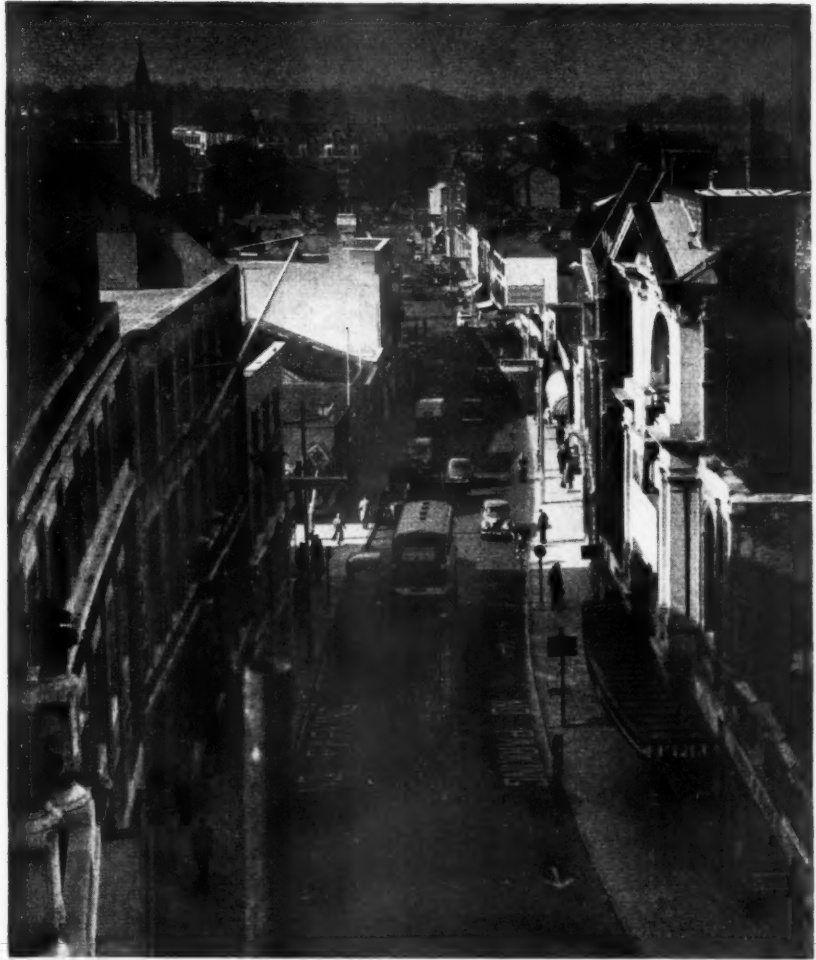
We come now to what is now known as Broadgate House, but will be familiar to many readers as Block B. This is a large, multi-purpose block of shops, offices and restaurants dominating the south-west corner of the square. Integral with this block is the triple-floored bridge spanning the entrance of Hertford Street into the square, linking Block B with a pre-war bank building which, with its Doric-columned portico, can be so easily mistaken for the entrance of a well-endowed nonconformist Church. Here is the *pièce de résistance* of civic rebuilding. This group of buildings is the Corporation's first contribution to reconstruction and upon it much attention has been lavished. In appearance, the group is impressive, but it is not in any way ponderous. The use of native materials, a light-coloured brick (2½ in. Blockleys—city mixture), Hornton stone, Derbydene marble, and of interesting, almost picturesque, shapes and massing give a "friendly" look to the building group, which blends well with the constant bustle of milling traffic and people.

godiva rides again

As one looks at this group it is possible to see how this building has gone beyond architecture in the abstract. It is also acting as a foil for the entertainment of people as they go about their daily rounds. For instance: a clock at the top of the tower flanking Hertford Street Bridge causes a diminutive figure of Lady Godiva and her steed to ride into, and out of, public view while, from an opening above, a burly over life-sized head of Peeping Tom momentarily appears. Already the square fills with people at the striking of the hour; in time these puppets may well become as famous as the London Guildhall's Gog and Magog. Then, on the wall facing the entrance to a pedestrian subway under Hertford Bridge, there is a feature which is extremely popular. It is a very fine mosaic panel representing the Coventry Martyrs by the Genevan artist, Antonietto, who has worked in the old Roman Christian tradition of using every variety of material—stone, brick,



The pert, pink-tipped, fair-haired Lady Godiva on the balcony of the clock tower in Broadgate. The horse's front legs move and Lady Godiva gently bounces, while a pop-eyed Tom, peering from an opening above, falls back and raises his hands to cover his blinded eyes. The pattern behind the horse is of blue and white tiles.



OLD COVENTRY

The physical character of Coventry is hard to find. It is certainly not a pretty one, and yet, despite coalfields and a huge engineering industry, the city is not a dirty one either. With over a quarter of a million inhabitants, largely housed in the appalling villas of the twentieth century, the overall impression is one of everlasting suburbia, and the only mitigating feature is the comparative quickness and ease with which the attractive Warwickshire countryside beyond the city boundaries can be reached. The view above, of Hertford Street, taken from the Broadgate House bridge which now crosses it, shows a more flattering view than usual of a Coventry street. The trees in the middle distance mask Grey Friars Green, around which many of the Coventry architects have their offices. On the right is a cinema which will eventually come down to allow the street to be widened and correctly aligned with the Broadgate House bridge. Left, Trinity Street, near the centre, showing the neo-Georgian development which followed a road widening scheme of the 'thirties. Assuming that readers can well imagine for themselves the industrial and housing elements of the Coventry townscape, the remaining photographs on this page have been selected not because they are typical—far from it—but because they show about half of Coventry's historic buildings. Top left, Hay Lane, with a corner of the old County Hall and the Golden Cross Inn on the right, an area between the old cathedral and Broadgate. Above left, Bayley Lane, which skirts the cathedral ruins. In the middle can be seen the much weathered stones of St. Mary's Hall. Below, left to right, the ruins of the cathedral, now neatly grassed and paved; old shops in Jordan's Well, and a typical row of "top-shops"—houses with workshops over, a common feature of early industrial Coventry.







COVENTRY, 1937-53

Left, an aerial photograph of the centre of Coventry, taken four weeks ago. Above, a slightly wider view of the same area, taken from approximately the same angle, showing the centre of Coventry in 1937. On the left, above, and in the foreground, are the two road-widening operations of the 'thirties. It should be noted how the two dominating street lines, Burges, Broadgate, Hertford, and Fleet, Smithford and High Street, which run and intersect diagonally across the photograph above, are only just decipherable in the more recent photograph. Broadgate House blocks one, and the huge bulk of the Owen Owen stores (architects, Rolf Hellberg and Maurice Harris), under construction on the left, blocks the other. Centre and right in the new photograph are the Marks and Spencer and Woolworth stores (see page 438), respectively. The 303-ft. spire of St. Michael's, the cathedral church, stands just to the left of the highest point of the central hill of the old town, and the paving round the edge of the central island of Broadgate indicates the way the ground slopes away from the cathedral. At the bottom corner of Broadgate House can be seen the steel bridge which will eventually link it with a similar building on the vacant site between Broadgate House and the Owen Owen stores. The pedestrian shopping precinct (with two storeys of shops and offices over) will eventually continue down to, and beyond the Marks and Spencer and Woolworth stores to a point to the right of the roundabout in the right-hand corner of the photograph. The relatively modest amount of rebuilding accomplished in the centre of the city can be roughly assessed from this comprehensive view, as can the radical and impressive nature of the new townscape pattern being formed. (Photos: Aerofilms.)

and glass, to suit the artist's purpose. This superb mosaic is understandably a constant source of local interest and pride.

These are small, but important, components of the overall composition which in time promises to develop. That the time and expense which have been spent in attaining an initially high standard of reconstruction will be justified, time, we think, will amply prove.

central area

To appreciate fully the concept behind the Central Area plan* it is necessary to realize that the separate parts will

* The Central Area, within the line of inner ring road, will consist of:	
Shopping and business area	101.48 acres.
Service industry area	42.35 "
Civic area	42.28 "
Cathedral area	4.12 "
Bus Station area	10.39 "

The total floor area devoted to central shopping before the war was 1,053,300 sq. ft., and the plan provides for a future shopping area of 2,061,000 sq. ft. (not inclusive of office space). The Civic Area includes sites for the Central Library, a College of Art and Technology, a Central Swimming Bath, a Central Police Headquarters, Magistrates' Court, a Town Hall, an Art Gallery and Museum, a Health Centre, and other Civic Buildings. In the very centre of the City there is a smokeless zone of 30 acres. A duct has been laid under Broadgate to allow connections to be made to the shopping and office blocks if a district heating plant is eventually installed in the Civic Area. The total provision for car parking in the shopping area is approximately 1,600 cars.



A mosaic, executed by the Genevan artist Antonietto. It depicts the Coventry Martyrs who were burnt at the stake. Placed at eye-level, beside the entrance to the subway under Hertford Street, it was, for a time, unprotected. Unfortunately some pieces were knocked off—whether inadvertently or by intent is not known—and it is now proposed to cover it with a sheet of glass. The figures are nearly life-size.

not only differ in function but that they will also differ fundamentally in the form of architectural approach which is being adopted for each. At one extreme, the shopping centre, or at least the principal section, although in the front rank of modern architecture, really belongs to the same genus as classical building in the Grand Manner—a symmetrical layout developed to a preconceived pattern without a set programme. And, at the other extreme, the service industrial area is evolving, within reason, uninhibitedly. Similarly, the civic area is being formed to no fixed plan, indeed one might say to no plan at all: buildings in the civic area are being designed as requirements and programmes become known: each will be sited, designed and carefully landscaped in relation to one another. Because in this area quality, as well as quantity, will count, a form of architectural layout akin to the Cambridge Backs will emerge. In a sense, it will be in the tradition of English Gothic building on a large scale, orderly building being added to, bit by bit, each piece the acme of its time. All this, if closely integrated with the new Cathedral Church and precincts, may become one of the finest examples of grouped building in mid-twentieth century Britain.

the background

The story of the conception of this plan and its gradual realization is a story of an awakening before the war, of an impulse received through bombing, and, subsequently, a long-drawn-out and hard-fought struggle to attain some kind of momentum in building. Memories of pre-war Coventry are of a town on the boundary of lovely south Warwickshire and of coal and grime on the uplands. Of a town standing at just sufficient distance from Birmingham to be free from the tentacles of that sprawling giant. It was a town which was, and still is, a home of the motor-car industry. It had a main street which at busy times was almost impassible by car. It had a number of half-timbered buildings (although Coventry has never really been a town for half-timbering), and it had the spires of the twin-churches of St. Michael and Holy Trinity, the churches which were at rivalry with the noble St. Mary's of Warwick to become Cathedral Church of the Diocese. But, in addition to all this, Coventry was growing fast. Faster, in fact, than any city in the Kingdom. The town, which was part of England's industrial backbone, and thriving in an atmosphere of inventiveness, machine-mindedness and adaptability, hadn't known unemployment for twenty years. As one industry went down, another came up. To meet its growing housing needs, houses were being built at the rate of 4,000 a year. In the City Centre some attempts were

made to adapt the old town to modern needs, but they were too piecemeal. Corporation Street was laid out and part of Trinity Street was built; there was a great outcry when famed Butcher's Row with its decayed half-timbering more or less tumbled down, and, to soften the blow, a new structure in the spirit of the latter was erected to propitiate the devotees of half-timber.

making a plan

It was not until 1938 that an idea first took root for the making of a plan for the rebuilding of the Central Area as a whole. By then the City Council realized that, to fulfil its growing responsibilities, it must prepare for building on a large scale in the Central Area. In addition, the city was generally short of cinemas, theatres and other amenities. So the Council decided to appoint its own City Architect. They appointed Donald Gibson, who had been Deputy City Architect at the Isle of Ely. Donald Gibson relates how he realized that nothing less than an overall plan for the Central Area was wanted and how that unofficially he, and his assistant, Percy Johnson-Marshall, now in charge of the Reconstruction Group at the LCC, spent their evenings working out, and making models of, their first tentative ideas. Then the war came and all such ideas went by the board.

But the idea of planned development had caught on and was not extinguished by the war. Gibson had persuaded William Holford, Thomas Sharp, Clough Williams Ellis and others, to come to the city and talk on planning. The models giving ideas for the central area were used to form an exhibition in St. Mary's Hall in order to show the citizens what might be done. After the blitz the city remembered these things. . . .

the effect of war

It is difficult to tell what difference the war really made in creating opportunities for rebuilding. If it had not come, sheer force of circumstances would probably have led to the same amount of rebuilding, although probably in a different form. In other respects, the impact of war was terribly cruel. After London, Coventry was the first city to suffer from bombing. After the original and subsequent bombing only 31 out of 975 buildings escaped damage in the Central Area. Altogether 624 shops, 121 offices and 5,566 dwellings were destroyed. Fortunately, devastation was not pressed too far; there was an immediate rally, with help from London, to create emergency services and undertake first-aid repairs, and soon thoughts again turned to planning a new Central Area.

At that time, Ernest Ford, the City Engineer, was in charge of planning, but the City Council decided to appoint for reconstruction joint planning officers, the City Engineer and the City Architect, Donald Gibson. As both men had radically different approaches to the problem, the Council asked them to submit, independently, each their own reconstruction plan. The Engineer's plan retained the old cruciform street pattern with linear arrangement of shops; in other words, an 'as you were' plan, offering the minimum of changes in the pattern of land ownership, and so on, but not providing any real contribution to the problem of creating a new up-to-date Central Area. But the Architect's approach was to plan boldly with the future in mind. His solution was literally to re-plan the Central Area. The Council backed Donald Gibson's plan. Shortly afterwards, reaching the age-limit, Ernest Ford retired, and the City Architect was made sole planning officer. Ernest Ford is now Chairman of the far-sighted Cathedral Building Committee.

In passing, it is worth recording that Whitehall regarded the reconstruction plan as a test case for reconstruction legislation as subsequently embodied in the 1944 Town and Country Planning Act.

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COVENTRY ARCHITECTURAL AND PLANNING DEPARTMENT

city architect and planning officer, D. E. E. GIBSON

Considering his reputation and his most responsible and exacting dual job, Donald Gibson, on first acquaintance, is almost disturbingly quiet, modest and unassuming. Further acquaintanceship, and a study of what he has achieved reveals his single-mindedness and implacable determination to achieve for Coventry what he feels is best in architecture and planning. Born in Scotland (his father was a professor at St. Andrew's University) he qualified in architecture from Manchester University, winning a travel scholarship in his third year which took him to Italy, and he later worked for six months in America. Following a period as an assistant in a private office, became a lecturer at the Liverpool School of Architecture. After two and a half years with BRS he went to Isle of Ely as deputy county architect. In 1938 he was appointed City Architect of Coventry in order to form a new architect's department, and soon became joint planning officer with the City Engineer, and the Planning Officer. In the Gunners during the war, Gibson was asked to go back to Coventry after it was blitzed in order to help in its reconstruction. Surprisingly, considering the particularly urban nature of his job, Gibson is at heart a countryman, and hopes one day for a job "near the sea, or near mountains, where the rivers run clean." He is, of course, a fisherman and, in the garden of his Georgian house on the outskirts of the city, keeps bees. Married to an ex-Manchester student, he has four children. The two small photographs above are of the restored roof of St. Mary's Hall, and the gilded and painted decorations over the entrance of the Council House. The carved bosses and devices in the former building were painted by voluntary labour. These photographs may refute any implications that Gibson's contemporary approach to architecture blinds him to the value of older work and suggest to some small degree the enthusiasm which his leadership engenders.

DEPUTY F. POOLEY. Shown on the left of Donald Gibson. He has always worked in public architectural offices. His first job was in the Engineer's Office of West Ham, where he went at the age of eighteen. He qualified—via night school—externally. His job at Coventry is now over. He was recently appointed County Architect of Buckinghamshire, and he took up the post last week. His is a success story of which we have certainly not heard the last. Married, with three daughters, he gave his hobbies as "keeping out of trouble—and fishing."



Heads of Sections

Readers who remember the Guest Editor articles of 1952, when Donald Gibson was one of four public architect editors, will realise that the City's architectural and planning department is not a complete autocracy. Considerable responsibility falls upon section heads, and other experts. Most of these senior members of the Department's staff are shown below, on the roof of Broadgate House. Left to right: Chief Administration Assistant, M. Courtois; Chief Quantity Surveyor, R. F. Lear; Chief Assistant Architect in charge of section, G. H. Morris; Electrical Engineer, R. H. Springett; Personal secretary to City Architect, Miss M. Burgess; Chief Assistant Architects in charge of sections: E. C. Tory, W. T. Glare, J. C. Barker; Principal Planning Assistant, W. Burns; Chief Assistant Architects in charge of sections: S. Cooper, C. Bonat, F. Moate. Not included are Chief Assistant Architects W. G. Sealey and D. Beaton.





Plan of central area within the proposed ring road showing bomb-damaged or irreparably damaged buildings in solid black. The two road-widening schemes of the '30s are shown by means of a heavy outline.

the planners and the planned

Although many people share responsibility for reconstruction, we imagine that there must be very few people in Coventry who would not say that first place for credit must go to Donald Gibson for his vision and capacity as an architect. Mr. Gibson, with the aid of his deputy, Frederick Pooley, runs his Department (Coventry is one of the few County Boroughs where an architect is in charge of planning and architecture) on the basis that he and his deputy are interchangeable. They share an office in the Department (which is housed in a converted factory) and between them they direct and supervise the whole of the department's work and attend at committees and to the endless process of negotiation. Reconstruction, however, affects all departments of a local authority, and Coventry is in the fortunate position of having a team of officials who work together and who each in his individual capacity makes vital contributions.

There is powerful advocacy in council, locally, and in Whitehall, on the city's needs by the Town Clerk (Charles Barratt). There is willingness to think in long-term accountancy by the City Treasurer (Dr. A. H. Marshall). And, among other officials, the Parks Director happily works with the City Architect in designing the landscaping of the latter's building schemes. The labours of these men and their departments would have been of little avail had they not had, from the start, Alderman Hodgkinson as Chairman of the Planning Committee (and on occasion Chairman of the Finance Committee as well), who has been, throughout, a tower of strength and a man of evidently strong ideals and considerable vision, together with a Council ready to listen to new ideas and to accept responsibility or at least giving them a try.

top-shops

It is surprising to learn that out of Coventry's population of over a quarter of a million, it is reckoned that only about 7 per cent. are native born. Allied with this influx of strangers there is, so to speak, a large turnover of people in and out of Coventry. None the less the City's tradition and wealth lies in the application of brains and fingers to mechanical ideas—a tradition which has for long nurtured in the City's "top-shops." These top-shops (see page 431) are two-storey houses, generally in a terrace, with a workshop over, where clock-making and woollen weaving were



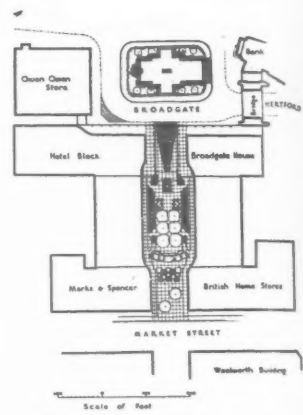


BROADGATE HOUSE

designed by the CITY ARCHITECT, D. E. E. GIBSON

The new shopping precinct in the centre of Coventry has been laid out to align with the Cathedral spire, above. The two recesses in the near wall of Broadgate House mark the level of the upper of the two shopping floors. Beneath the spire is the light steel bridge which will join the two blocks at the east end of the precinct. Below right, a view of the north facade of Broadgate House, showing the shopping arcade. Below left, the bridge, consisting of offices on two floors, with a restaurant at first-floor level, which links Broadgate House with a prewar bank. The sculptured groups between the bow-windows are by Trevor Tennant. Opposite page: top, the spacious shopping arcade facing east on to Broadgate. Criticized in its design stage as likely to be gloomy and underlit, the final appearance of the arcade effectively refutes these comments. Use has been made of partial top lighting. Centre, the pedestrian subway beneath Hertford Street, which enables shoppers to avoid having to cross the busy north-south main road through the centre of the city. Ramps are provided at each end. Bottom, the garden in the centre of Broadgate, planted by Parks Director William Shirran, and, beyond, the Owen Owen stores under construction (architects, Rolf Hellberg and Maurice Harris).

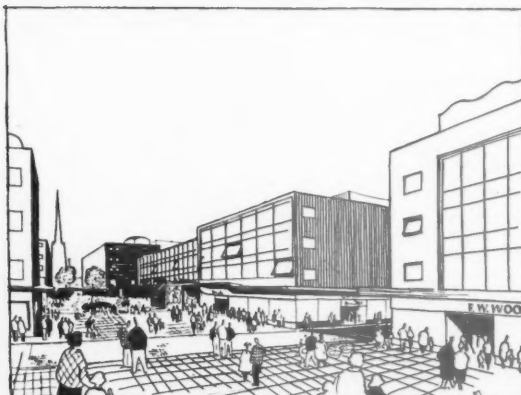




- KEY
 1. Shops. 2. Offices. 3. Hotels. 4. Public houses. 5. Churches. 6. Cinemas. 7. Theatres. 8. Cathedral spire. 9. Council House. 10. Bus station and garage. 11. Car parks. 12. Retail market. 13. Post Office. 14. Local Government Offices. 15. Law Courts. 16. Police headquarters. 17. Warehouses. 18. Government offices. 19. Residential. 20. Open spaces. 21. Central hall. 22. College of Art. 23. Art Gallery and Museum. 24. Swimming baths.

CENTRAL AREA PLAN

The plan of the central area of Coventry, above left, shows existing buildings, buildings commenced or commencing within a year, and future development. It also shows the viewpoints of the three sketches shown below. View 1, below right, opposite page, shows the proposed police headquarters on the left, for which working drawings are now being prepared. On the right is a proposed telephone exchange. View 2, below left, shows the shopping precinct, with the finished Broadgate House in the distance, in the centre a shop for British Home Stores, of which the contract is about to commence, and right, the eventual appearance of the Woolworth building which has reached the stage shown by the photograph extreme left. View 3, below, shows the college of art now under construction, left, and the proposed swimming baths, for which working drawings are prepared. Above is a detailed plan showing the final form of the shopping precinct.

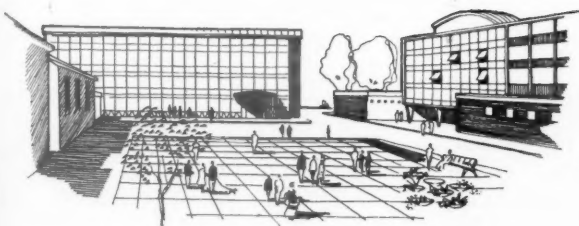


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TEMPORARY DEVELOPMENT

Like Hull's and Southampton's, Coventry's temporary shops, by the City Architect, D. E. E. Gibson, are of a high standard. The result of incorporating several clients' desires into one design, top and centre, compares favourably with individual development by single clients. Top and centre, shops by the City Architect in Broadgate and Jordan's Well. Above, private development, also in Jordan's Well. Right, a permanent structure, but retaining the delicacy of design so often more readily found in temporary buildings; a police call-box beside a garden in Holyhead Road, designed by the City Architect.



carried out by individual workmen and their families. Although much of the energy and enterprise present in these home-industries has been transformed to other ends or transferred elsewhere—to the assembly lines of the industrial giants—the tradition of the top-shop (some still survive) not merely dies hard, but, from all accounts, is constantly being reborn, as we shall describe later.

professional councillors

The engineer, all grades, and his family, are typical representatives of Coventry. The business community is mainly engaged in the local retail trade. Business, in the sense of insurance and commodity markets, find little place in the town. Nor is it an educational and social centre. The top executives of the big industries might have been expected to take part in civic life. Apparently, however, they not only understandably prefer to live elsewhere, but they also find little time to take an interest in civic affairs. Such is the strain, it is said, of running a big motor industry today that it absorbs the whole of the interests of the top executives. It might be thought that lunch-time might attract the industrialist and his guest to the City Centre, but it is not the case. The factories are scattered over Coventry—a reason, incidentally, why industrial traffic filters around the town fairly easily and workpeople have often short distances to travel—and most of them have well-appointed dining-rooms, comfortable places alongside the clean atmosphere of a modern motor-car factory. For the same reason as the industrialists, we gather that many local business men cannot find time to be local Councillors. It seems that being a local Councillor is becoming an ever more arduous activity. How is it, then, one wonders, that engineers, who represent the largest body of men in the Council, can afford to give up the time? The answer is one that probably very few people realize; they are mainly trade union officials; thus, in fact, if not in name, they are virtually professional councillors.

development strategy

The Council's policy has been, and is, to buy up all the land needed, using powers of compulsory purchase more as a matter of convenience than anything, in order to let the land as separate building sites on long leases, and to meet all reasonable objections to its proposals which do not lead to sacrificing a principle of policy or of design. Its policy is to build on its own account only when this method is the best way of setting a standard—exhortation by example rather than by precept. For instance, Broadgate Block "B" is a case in point. And they would build, should the occasion arise, if other interests defaulted in building an essential part of a scheme. It is gratifying to see that the development of fine architecture in the Central Area is an avowed aim.

It is certainly to the credit of the Council that their policy seems to be widely accepted. Whether the man in the street is deeply interested is difficult to tell. With so many people having transient interests in the city, there is inevitably much "couldn't care less" attitude, but it appears that rebuilding has a good local press and we gather many people have liked the look of things once they are built.

rebuilding began by chance

As in other cities, rebuilding has not gone forward with zest. It has been a long rearguard struggle. Plans were produced, and accepted, optimistically and cheerfully enough. At the Coventry Reconstruction Exhibition of 1946 people were interested and hopeful, but delays followed and a resentful cynicism crept in. Then came a great gift—and a heaven-sent opportunity. In 1948 the Dutch people, as a memorial for aid to Holland in the war, subscribed to a fund for presenting an English town with thousands of flowers and shrubs for planting in a town square. They selected Coventry and invited the authority to suggest a suitable square. Sadly, none existed, but a

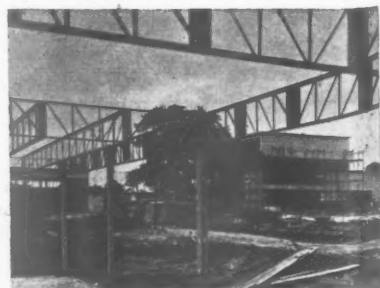


Only a few of the total number of schools built in Coventry are shown here. Top, primary school in Ulverscroft Road. Above, another primary school in Radford Road. Below, secondary school at Caludon Castle, under construction. Right, from top to bottom; occupation centre for backward children; the Henry Parkes primary school, Canley; the Limbrick Wood primary school, and the Broad Lane secondary school, under construction. The last two schools were designed in collaboration with the Development Group of the MOE.



SCHOOLS

designed by D. E. E. GIBSON,
city architect



WORKING DETAIL

FURNITURE AND FITTINGS: 37

FUME CUPBOARDS: RESEARCH LABORATORIES IN LONDON, W.12

Professor Basil Ward of Ramsey, Murray and White, architect: J. R. Hudson, chief assistant

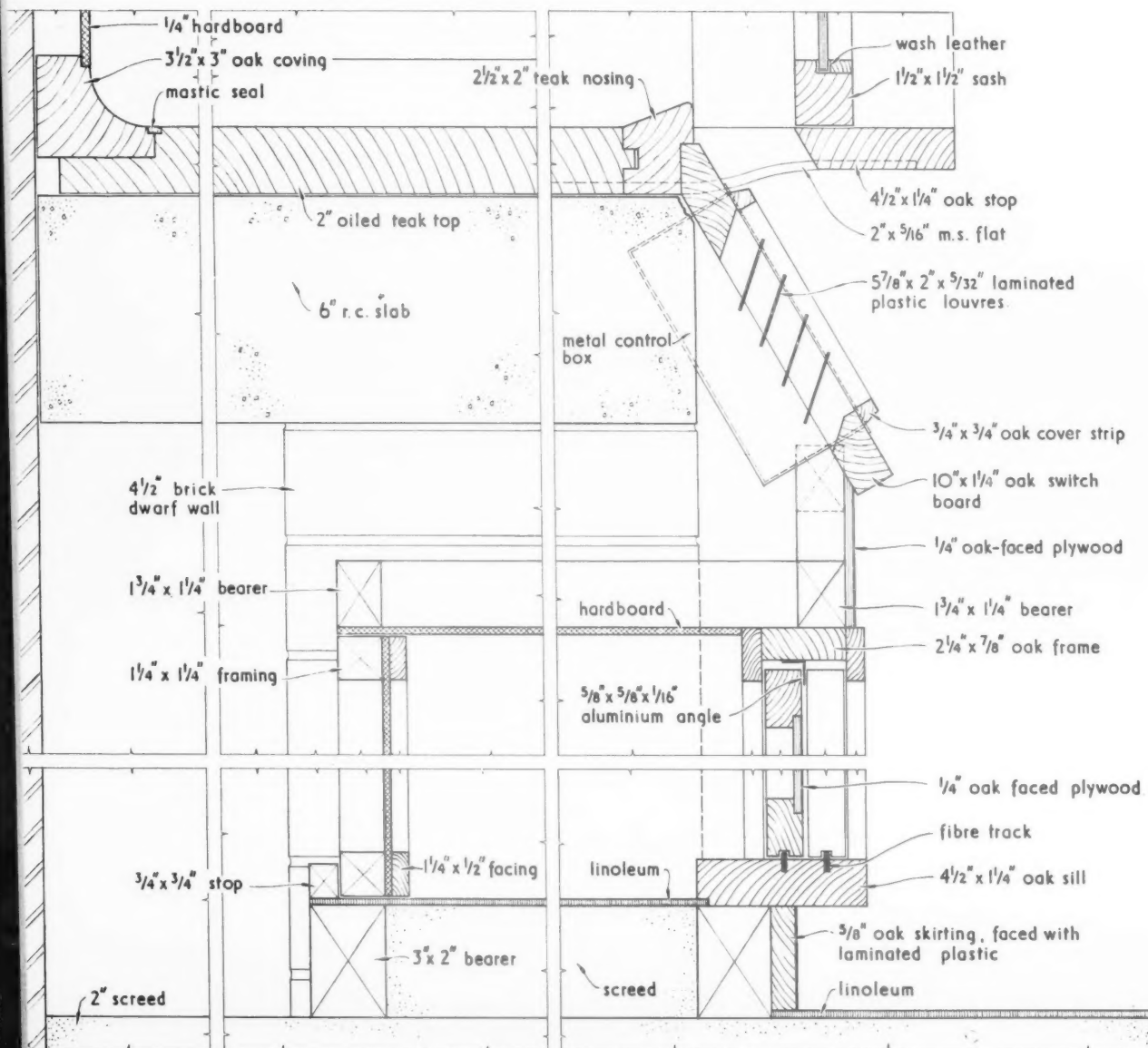
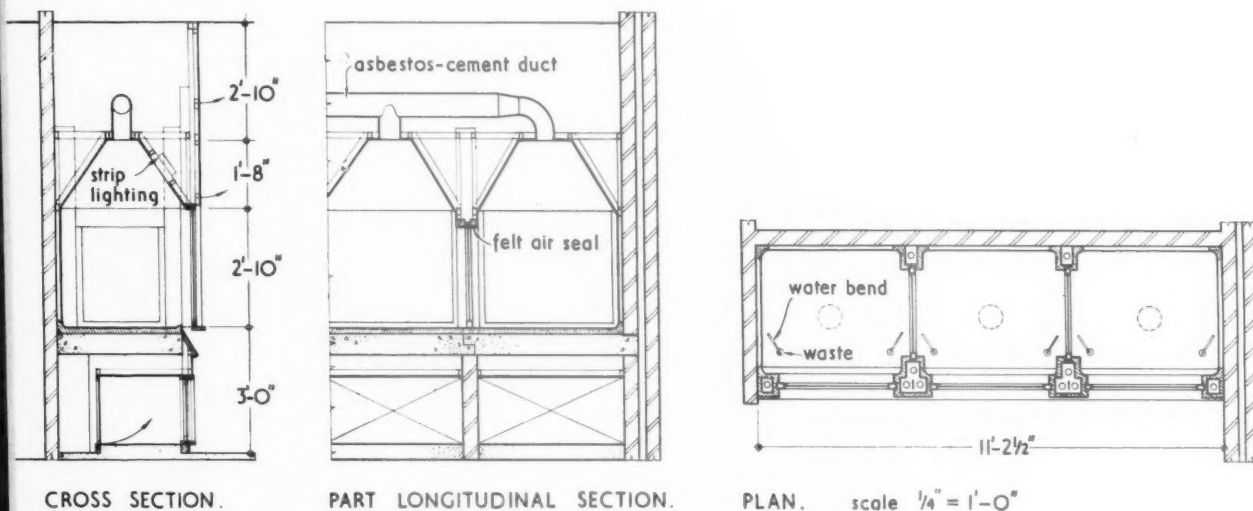


The linings to the fume cupboards are of hardboard treated with special paint; should they become contaminated they may easily be removed and replaced.

WORKING DETAIL

FUME CUPBOARDS: RESEARCH LABORATORIES IN LONDON, W.12

Professor Basil Ward of Ramsey, Murray and White, architect: J. R. Hudson, chief assistant



WORKING DETAIL

ROOFS AND CEILINGS: 13

CANTEEN ROOF: SCHOOL AT ST. PAUL'S CRAY

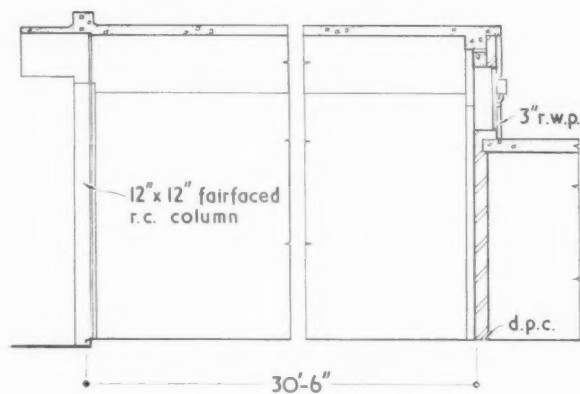
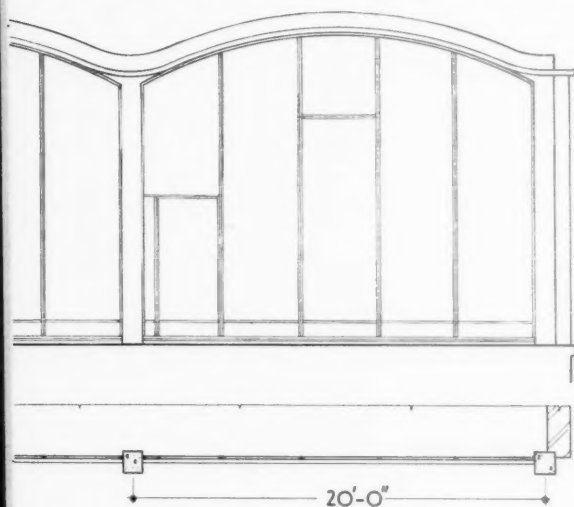
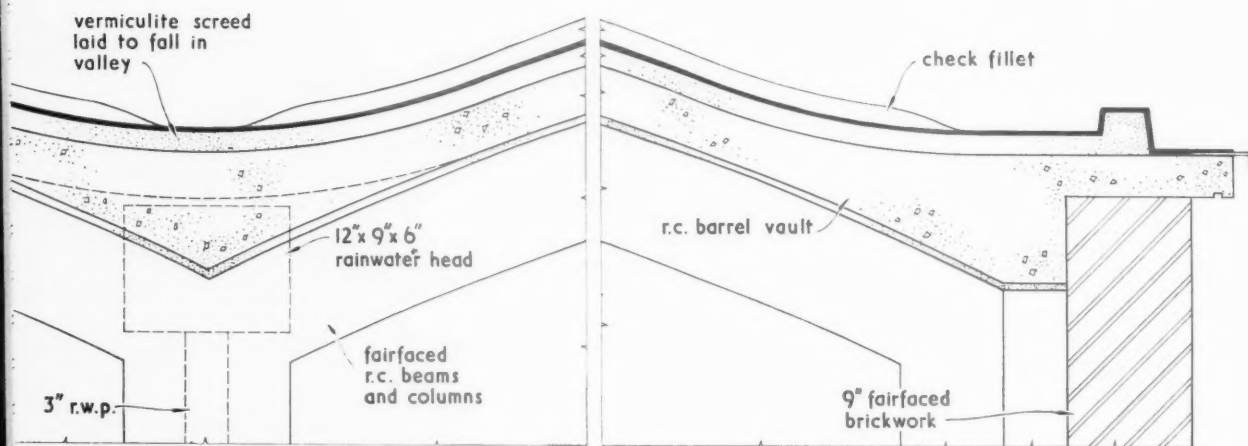
Elie Mayorcas, architect, in collaboration with S. H. Loweth, Architect to the Kent County Council



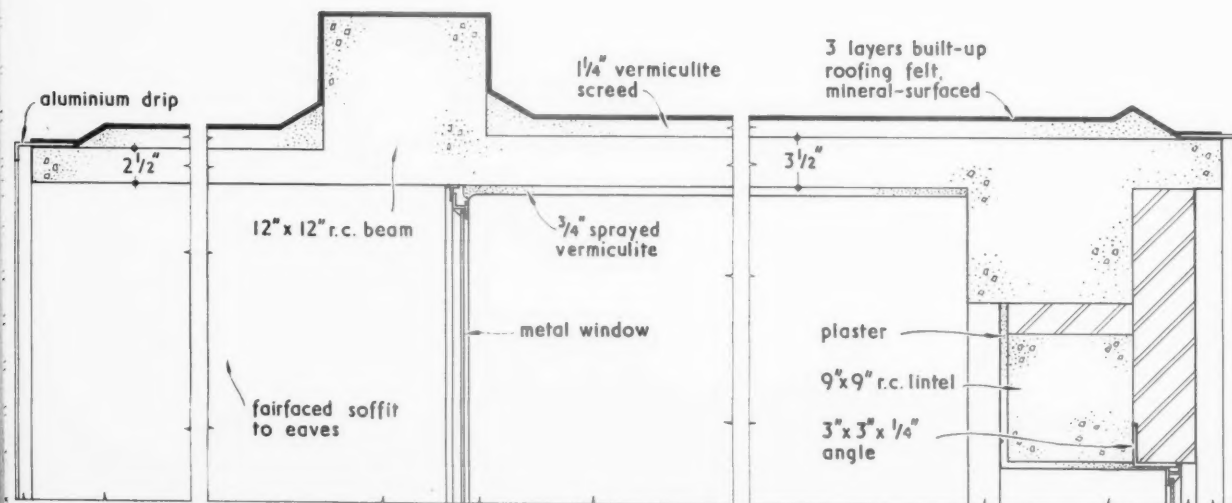
On the terrace side of the canteen the roof projects beyond an upstanding beam to form a wide overhang to the glazed wall.

WORKING DETAIL

CANTEEN ROOF: SCHOOL AT ST. PAUL'S CRAY

*Elie Mayorcas, architect, in collaboration with S. H. Loweth, Architect to the Kent County Council***ROOFS AND CEILINGS: 13**PLAN, ELEVATION AND SECTION. scale $\frac{1}{8}" = 1'-0"$ 

CROSS SECTION THRO' VALLEY AND EAVES.

scale $1" = 1'-0"$ 

LONGITUDINAL SECTION THRO' CROWN OF VAULT.

scale $1" = 1'-0"$



HOUS
designed
city archit





HOUSING

designed by D. E. E. GIBSON,
city architect

Top, left and above, two views of the memorial homes for old people in the Spon End comprehensive redevelopment area. The two-storey building consists of twelve flatlets opening off communal living rooms. The single-storey dwellings are for married couples. Above left, three-storey flats which face the old people's homes. Below, three-storey flats on the Allesley estate, and old people's bungalows and terrace houses on the Fletchamstead Highway estate.



high official suggested Broadgate Square, which they wanted to create, and that is how rebuilding in Coventry started. From thenceforward the City Architect's policy has been to keep up public interest all the time in however minor a way. Hence the levelling stone and so on. Broadgate House began in 1949.

assessment

On our visit to Coventry we received many impressions; subsequently thinking over these the one which struck us most was the blunt fact that thirteen years after the first bombing attack not a single building has been fully completed in the Central Area.

We are not suggesting for one moment that the fault is a local one; clearly it is not. Apart from anything else, building labour is in short supply, the City having 25 per cent. fewer operatives in the building trade than on the average and, in busy industrial times, building labour is attracted by the higher pay offered in factories. In addition, Coventry has a larger school and housing programme than the other blitzed cities.

Whatever the reason, however, it is a devastating thought. Then we noticed that some people still feel rather sore at the Council for having adopted the Architect's plan. They say that if only the Council had backed the "as we were" plan, rebuilding would have been speeded up, not necessarily physically, but more than has actually been done could have been achieved in terms of negotiations and agreements. This may be arguable, but if the Council had taken this course it would have turned its back upon a chance of having a new centre shaped to modern and expanding needs.

We asked Mr. Gibson what he thought about this, and he said that slowness in redevelopment was not due to the new plan but the meagre capital allocation made by the Government to the City for reconstruction. Whether this was used on the new plan or the old plan was immaterial, both would have been slow. Slowness, he said, has not been due to standing by the Council's plan.

an expanding population

Our third impression is that, as a city, Coventry is in an infinitely stronger position to carry through its intentions than probably any one of the cities whose rebuilding we have previously described. Coventry is an expanding city. In 1921 its population numbered approximately 148,000. By 1939 it had become 220,000. Over 22,000 were added during the war years, and, by the end of the plan period, 1971, the population is expected to be 336,000. Part of the recent growth has been planned in the sense that the Government authorized the building of war-time shadow-factories in the city, which would cause immigration. Further immigration is planned, as the city is due to absorb about 40,000 from the Birmingham area by 1971. This latter immigration has not begun, but, in the meantime, we were told that people from elsewhere are flowing in and that there is quite a possibility that the city could expand to 336,000 without having taken any part of the Birmingham overspill. There is a refreshing sense that the sky could be the limit.

sense of business

It was very encouraging to find that the inspiration which germinated the original scheme survived to be reflected in the official, approved, scheme. Obviously the plan has been altered as the Architects themselves developed the scheme and modified it to meet outside objections or suggestions. But fundamentally, the original conception stands. Some of the latter modifications are, we think, in practice, likely to be improvements on the original. The loop road bisecting the shopping precinct was added at the request of traders. Its presence will certainly provide extra scope for shop frontage; but, possibly more important, the disadvantage of the road creating a vehicular crossing for the shopper in the precinct is more than likely

to be offset by the effect of the passage of traffic to and fro, thus preventing the precinct seeming to be cut off from ordinary life. Originally, the Hertford Street Bridge was to have been an open structure, but again at the wish of the traders the design was altered. The open bridge, we think, would have been appropriate as an entrance into a civic square, but Broadgate is essentially a trading quarter, and the solid-looking bridge, as built, helps to give the frontage an atmosphere of uninterrupted business, which traders instinctively like.

woolworth's

As a scheme, the Central Area plan is chiefly remarkable for its simplicity. Technically, the shopping precinct is the most interesting feature; its planning and its development appear to be on a good footing. The precinct more or less follows the line of Smithford Street, a route thousands of people have long been accustomed to using in order to reach the shops. Perhaps the guarantor of success is that Woolworth's have taken a central site in the precinct and is now open. To paraphrase a favourite nursery rhyme . . . where Woolworth's go, the other stores go too . . . As history shows, piecemeal development is often only a partial success, and we gather this has been the case with Corporation Street: its integration with an overall plan perhaps will increase its popularity. The Ring Road is intended to have restricted access: within the ring, however, two or more local roads tend to approach so closely to the Ring Road that we suspect motorists will be tempted to clamour for a connection between these local roads and the main road. A rather surprising weakness in the plan.

car parking

Car-parking is the *bête noir* of planning central areas. When one recalls the trend in the United States—the building of shopping centres on open land right outside towns to find space for the car-shopper—the provision of car-parking in the plan looks meagre for Coventry. The town is the home of cars, and parking facilities do not look large enough, especially when it is realized that some land will be absorbed for service roads around the edge of the inner courts to allow rear deliveries. Although it is intended that two-storey car-parking can be provided if demand arises, in the long term, allowance for some additional parking space in the service industrial area might well pay. On the estate development side of rebuilding one gets the impression that building has tended to have gone on in advance of the programme. In principle the assessment of demands for different types of floor space may well prove to be sound. As one official said, however, the Council are doing no more than feeling their way. The general principles guiding the allotment of floor space have been that Broadgate and the precinct are a combined shopping, office, restaurant and hotel quarter. On the ground-level, there will be shops (well backed by capital). It is intended that their rentals alone should, in 30 years, repay all land purchase and loan charges. Off the first floor terraces, in the precinct, will be more shops, with rents to suit the local shop without much capital behind it. On the upper floors will be office space and restaurants. In part of Block C, companion to Block B, it is expected that a hotel will be housed. In terms of building the scheme has been planned on a 20-foot bay unit, allowing space to be let in single units, multiple units, or part of a unit. Architectural control of the size and appearance of the building has been obtained either by the Council building direct, or by agreement with other parties. The thorny subject of shop fasciae has been overcome by putting all the fasciae under a canopy and giving the lessee a free hand; the canopy is thus given a double rôle, to shield the shopper and to give architectural unity.

The lets made, and the difficulties met with in making other lettings, ram home the fact that essentially Coventry is a working-class town. There seems to be little scope for

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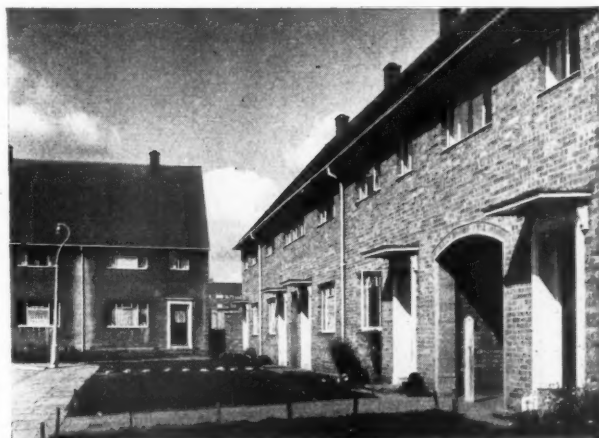
the high-quality shop, or the well-appointed and stocked restaurant; at one time there were hopes that Block C would accommodate a 400-bed hotel, a hope now scaled down at least fourfold. Office accommodation will probably be limited to the pre-war floor area. It is possible that once the Block C and the precinct are finished, the remainder of the shopping and business area will be domestic in scale, a point substantiated by the plan to make the east side of Broadgate permanently a row of single-storey shops, though in this instance they will be acting as a foil to the Cathedral behind.

But all this supposition ignores the possibility of a change of outlook on the part of the inhabitants. The bulk of the inhabitants are working-class men, ninety per cent. of whom were not born in the city. The natural ties of affection for a city, due to being born and bred in it, are therefore absent, and the urge to get the best out of, and into, the city, not yet fully developed. But a generation is being brought up in better homes, amongst attractive surroundings, and educated in modern schools, which will have an outlook, and standards, well in advance of their parents. The future inhabitants of the houses and flats on pages 444-5 will not long stay content with the working-class shops and the rough service which the inhabitants of the dreary properties in the central areas are satisfied to receive. Nor will the coming generation always be prepared to go to Birmingham for better quality goods. The creation of Broadgate, and the shopping precinct may be the first spark to set alight the ambitions and aspirations of the obviously intelligent, industrious and prosperous factory workers, and create a demand for qualities at present missing.

Two points on the administrative level strike us forcibly. Current legislation permits the Corporation to purchase land only shortly in advance of its needs; this means that the Corporation is now buying against the enhanced values it itself has created! The other is the inhibiting effect of licence allocations being only on a yearly basis with only a three-month notice in advance. Both points are seriously limiting factors in the forward planning of building programmes.

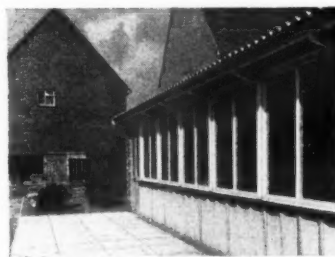
development outside the central area

We should do less than justice to the Council if we did not also observe that the Central Area scheme is complemented by enterprising and imaginative action in other areas of the city; for instance, there is the Council's flatted factory scheme, a rather grandiose name for so far single-storey workshops, being built at a cost of 35s. per square foot, to provide workshop space for the local man who starts up an engineering business of his own. A surprising amount, it seems, of work is sub-let by the large factories to men with garages and so forth. This workshop scheme is an attempt in a planned community to cater for the man who would otherwise want to start up business in his back yard. Whether the rent can be made low enough for the men the Council are trying to help is not yet clear. Apart from this, there is the development work in school building in collaboration with the MOE, the drive to restart slum clearance and improvement schemes, the experiment in redeveloping outworn housing areas, not by wholesale clearance, but by gutting interiors and front and rear walls and rebuilding within party wall lines (allied with the stoppage of some streets, and tree planting programmes). There is the experiment in Coventry of building a really high block of flats; of having a contract for 1,600 no-fines houses (a big jump over the usually accepted reasonable limit of 500 houses per contract) in order to get lower costs. There is the setting up of a nature reserve and also the recognition, by an influential member of the Planning Committee, that if Coventry were to show a tendency to expand beyond the 1971 target figure of 336,000 there should be a move to sponsor a new town rather than that the city should expand to an unwieldy size.



HOUSING

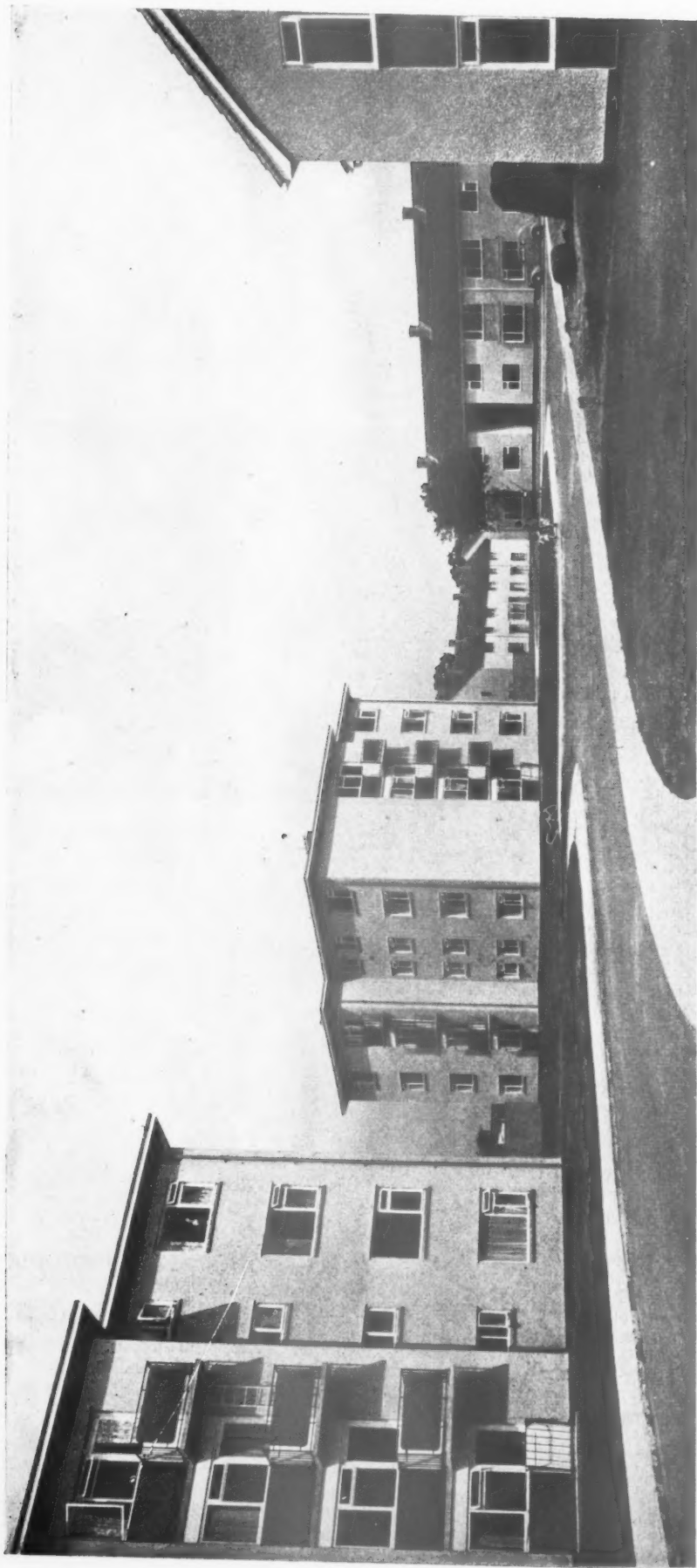
designed by D. E. E. GIBSON,
city architect



The Monks Park housing estate, part of which is shown above, was illustrated in the JOURNAL of December 2, 1948. It was awarded a MOHLG Housing Medal in July, 1950. Top, a block of shops, with maisonettes over, which has been built recently at Monks Park. Left, a day nursery at the entrance to the Monks Park estate.

the town plan

The plan on page 446 shows the form which the City will take. Roughly grouped into neighbourhoods, there is no overriding feature of the plan. Most of the more noxious industries are sited on the north, the leeward, side of the town to the prevailing wind. New housing estates are consequently mainly on the west, south and east edges of the town. The largest, best, and most recent of the housing schemes is the estate of Tile Hill, which is the residential area on the western edge of the plan. Here some attempt is being made to provide local light industry in order to avoid undue travelling to and from work. This estate has quite exceptional qualities in layout and design and when completed will surely be reckoned as being second to none in the whole of England.



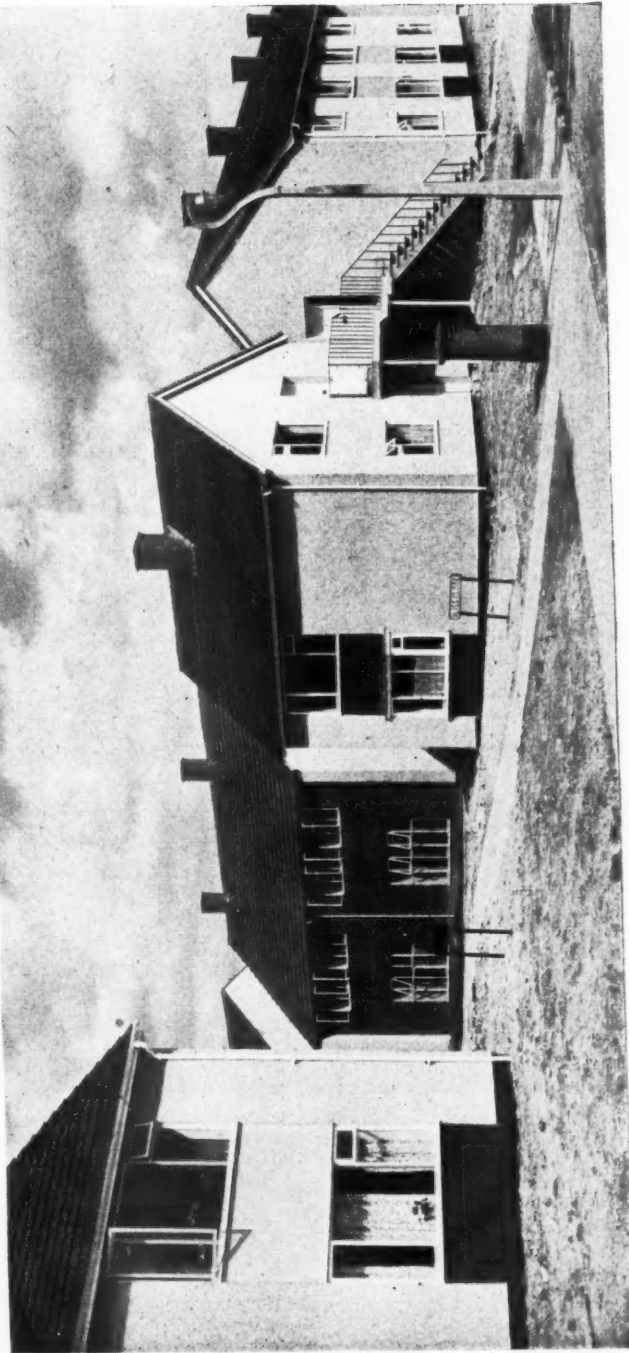
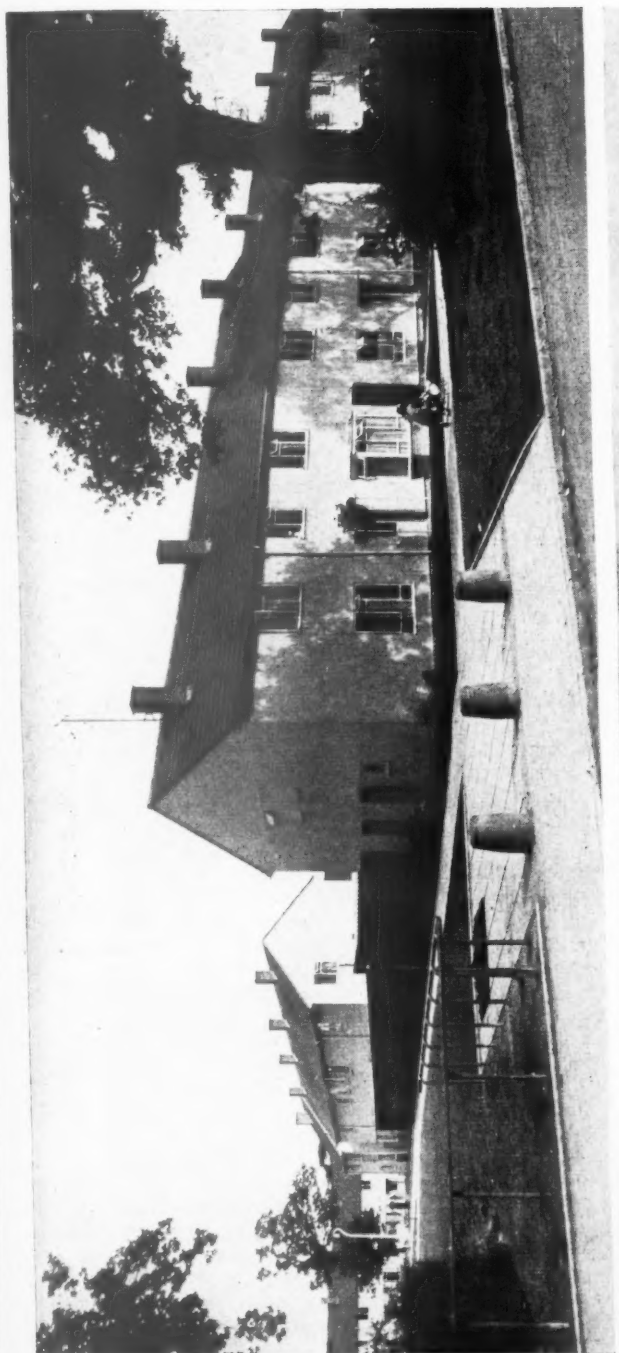
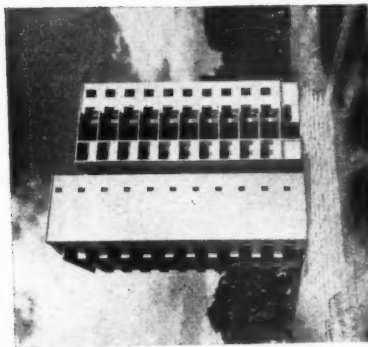
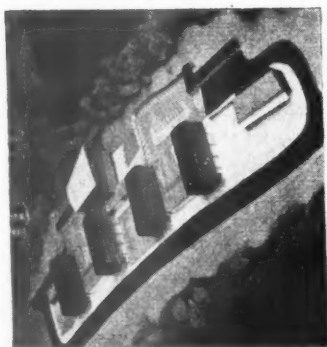
TILE HILL HOUSING ESTATE
designed by the CITY ARCHITECT, D. E. E. GIBSON

This estate, to the south-west of Coventry, is by far the most attractive—as the photographs bear out—of the blitzed city's housing estates. Much of the building is of no-fines construction, for both the eleven-storey (centre, right, opposite page) and the four-storey flats (above), and for the two-storey houses and flats (below left). Considerable trouble has been taken over the choice of strong, bright colours (yellows and greens for flat balconies), and in the planting. Trees and ponds have been retained, and the use of the cut-de-roc exploited. Extreme left, old people's bungalows and, opposite page, bottom, old people's



home. Centre, above, one of two factories by A. H. Gardner & Partners, providing local industry alongside the new estate. Below, industrial estate, showing centre for the

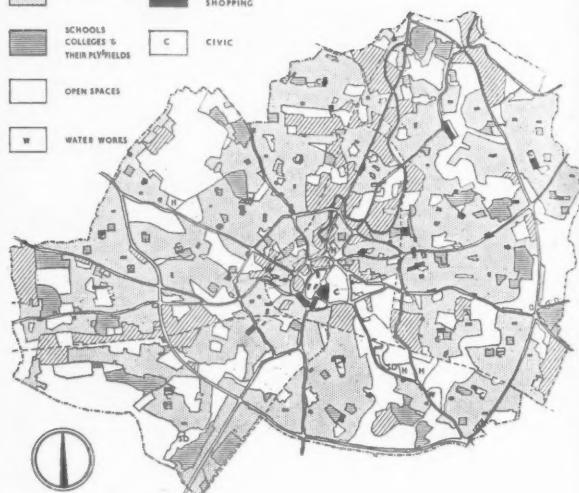
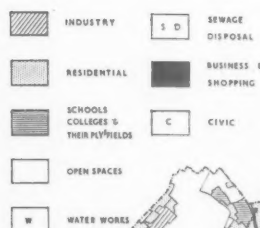
Centre, above, one of two factories by A. H. Gardner & Partners, providing local industry alongside the new estate. Below, model of the proposed shopping centre for the neighbourhood, on the main entrance to the estate.





NON-COVENTRY ARCHITECTS

A considerable portion of Coventry's post-war architectural wealth has come, or is about to come, from architectural offices outside the city. Notable in this respect is the proposed Coventry Cathedral, Basil Spence's most recently amended design for which is shown above. Below, from top to bottom, two views of the Manor House housing estate, by Pile, Son & Fairweather; the Richard Lee primary school by the Architects Co-Partnership and the Aldermans Green primary school, by A. M. Gear, the late Edric Neef, and Rodney Thomas (late Arcon).



The town plan as proposed.

the local architects

The architects in private practice in Coventry are well placed. Firstly, they are working in a fairly prosperous town. The single man—or man and a boy—practice can be sufficiently lucrative to enable the architect to run a good car, pay for some whole-time domestic help, and live in a house in the centre of the town, a state of affairs not general, by all accounts, throughout the profession.

Private architects are quick to give Donald Gibson credit for all he has achieved. Gibson, more than anyone else, they feel, has shown Coventry—both councillors and citizens—the value of good contemporary design. Nor, they say, has any architect ever had to complain over the administration of elevational control.

They also, inevitably, have their complaints. Gibson is no mere philanthropist. He makes use of the private architect, very wisely, in order to keep the work/size-of-staff relationship even. Until three years ago he gave a good deal of the City's housing work to private firms, but since then he has found ways of dealing with all his department's work in the office. What is more, those architects and builders who have not managed to get their housing schemes for the Corporation quickly under way have been liable to find the Corporation taking a large portion back again.

helping students

Donald Gibson once taught for a time at the Liverpool School of Architecture. Through this experience he has learnt how important it is for both staff and students to have some practical experience and thus avoid the dangers of impractical academism (a danger just as real to the modern school as to the followers of the *Beaux Arts*). Donald Gibson has therefore entrusted the Birmingham School of Architecture with a project for flats and houses which will cost about £40,000. The students will "set up office," and, with staff guidance, design and supervise the erection of the various dwellings.

This action of giving out work, not to local private architects, or even to private architects from London, or elsewhere, but to unqualified students has aroused considerable opposition from the local architects. Some of the local architects feel that this scheme is on too large a scale, and that the same benefits could be given to the students with a very much smaller project, or a series of small projects. It has been pointed out that the established private architect will, as an employer, soon be called upon to take on these

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students, when qualified, as assistants. He therefore needs all the work he can get if he is to be able to guarantee employment to his staff. The loss of a possible £40,000 contract, it is contended, will, indirectly, affect their financial security. Such arguments, which have been carried as far as Portland Place, sound suspiciously like sour grapes. The City Architect is under no obligation to hand work out, and if the scheme had not been given to the students, it might well have been dealt with by the Department. Of course, if this practice of giving work to students becomes general, the supply of work from the public to the private office is almost bound to be affected. But it is such a small cross of martyrdom that private architects could easily bear with the knowledge of the very great benefits such practical teaching may confer. We say may, because, of course, it is still too early to see if the apparent benefits of such educational methods are really there.

public/private rivalry

There is in Coventry, as in every town with a flourishing public architectural office, considerable rivalry between the public and private architects. It is concealed, largely, from the public, because architects usually have the sense to present a united front to the outside world. The City Architect is criticized for not allowing sufficient difference in character in the elevations of buildings by different architects. The argument is, of course, a fairly familiar one: how does one tell what is good if there's not something nasty to compare it with? Gibson's answer is that one has to aim for the highest standards, even if one rarely reaches them. To deliberately aim low would negate the whole point of elevational control.

In the street Jordan Well are examples of the work of private architects and of the City Department in the form of temporary shops. The two types of development have been compared with unfavourable results as regards the work of the private architects. (They are not all designed by local firms; Frederick Gibberd, for instance, has designed one.) But, of course, the advantage here lies with the public architect who can so easily deal with several sites at once and adopt a common treatment for a number of buildings. It does, however, raise the point as to whether private architects have learnt the value of collaborative action. To redevelop not just a single building site, but all the adjoining properties in a portion of a street, should result in better planning, better functioning buildings and lower costs. And yet how rarely is it done—and even more rarely is it done at the instigation of the architect. There is one example of such collaboration in Hull, but that is a very rare case.

It may, of course, be difficult for a private architect to take a very active part in such negotiations for fear he becomes accused of touting for work. It is surely not beyond the wit of someone at the RIBA to devise a formula for such negotiations which will preclude unprofessional behaviour.

conclusions

To return, however, to the present. Coventry's development of Broadgate is a remarkably fine achievement, particularly when compared with the central area development of other cities. The rigid axis is not a popular feature today, but the discipline it imposes makes a satisfying change from the informality found elsewhere. Coventry's housing, particularly at Tile Hill, is excellent. The department's own schools, however, do not seem to be of quite the standard reached by schools designed by some of the private architects (see page 446). It remains to record that Donald Gibson seems to have won, to a remarkable degree, the support of his Council, of his fellow architects, and, to a limited extent, of the man in the street. The City Council have planned boldly and courageously: they appear to have the confidence and imagination to carry through their plans. The time has now come for them to forge ahead.



PRIVATE ARCHITECTS AND THEIR POSTWAR WORK IN

COVENTRY

In the foreground of the photograph above, City Architect Donald Gibson, facing camera, talks to private architects Duncan Kaye and Peter Burgoine. In the darkness beyond are assistant architects in public and private offices. The occasion is a meeting of the Coventry Chapter, held in a first-floor room of the large, mock-Tudor, Wine Lodge Hotel, near the city centre. This scene of amicable goodheartedness between those almost inevitable rivals, public and private architects, serves to mark the transition, in this brief survey, from recording the work of the official planning and architectural department of the city to recording the work of the exponents—usually—of laissez-faire, the private architectural firms. In the following eleven pages are shown some of the post-war buildings designed by a considerable proportion of the Coventry architects. Included is one example of the work of an architect's department in an industrial firm, which, in a town with the large industries of Coventry, is a not uncommon occurrence. Not all the portraits of the architectural principals are shown. This is due partly to the fact that the preparation of this article occurred during the holiday period, but also because some Coventry architects, unlike the architects of other towns we have so far met, are, apparently, more shy, more anxious to avoid publicity, and possibly, unduly modest

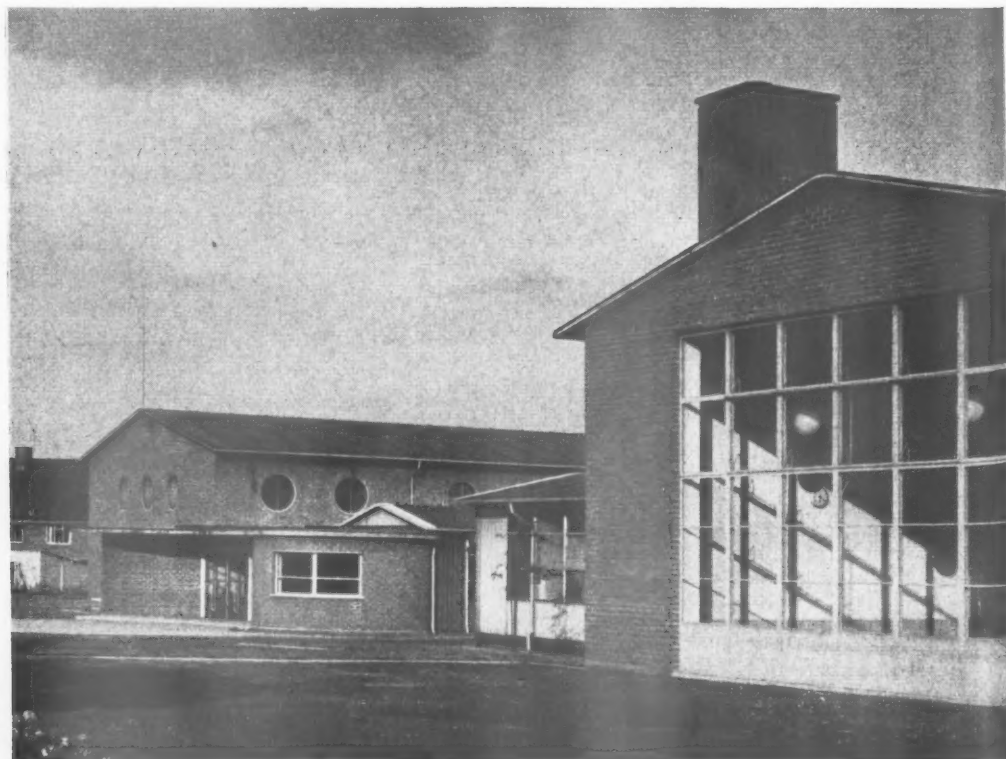


A. H. GARDNER & PARTNERS

architects in private practice in COVENTRY

A. H. GARDNER.—Wearing tweeds, bearded and stockily built, Alfred Gardner approaches nearest amongst Coventry architects, to the popular, layman's conception of "an architect." A senior member, and past chairman, of the Coventry architectural society, he is fittingly described as the "father" of the Coventry architects. Articled to the firm of Crouch, Butler and Savage, of Birmingham, he worked for a time for Sir Edwin Lutyens, and in other private offices, before becoming a partner to C. H. C. Armstrong, of Warwick. He started his Coventry office after winning competitions for the Coventry and Warwickshire Hospital, and for schools for Coventry and Sutton Coldfield in 1935-36. His small office (off-pink and

Recent work by the firm of A. H. Gardner and Partners includes : above, the rebuilding of a house in Priory Row, near the Cathedral, one of the few examples of good Georgian design in the city. It is being reconstructed (licence for the shell only) in collaboration with D. Macpherson, of Percy V. Burnett & Partners. Above right, some of the 300 houses at the Willenhall Neighbourhood unit, designed for the Coventry Corporation. Extreme right, housing for Meriden Rural District Council. Right, primary school at Courthouse Green, for the Coventry Corporation. It is mainly an aluminium building, with assembly halls, kitchen and dining rooms in brick.

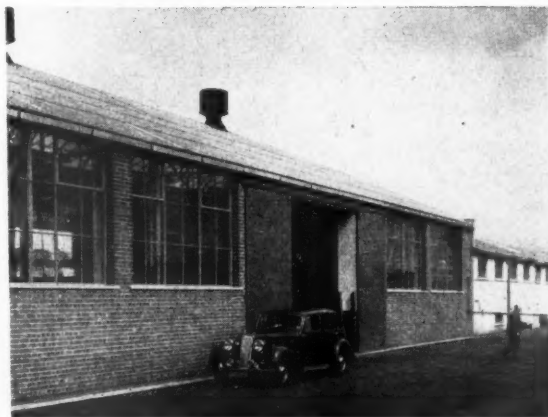




Above, offices for the Coventry and District Association of Building Trades Employers, in Warwick Road, described by the architect as their "first building . . . since the war which might be described as anything more than strictly utilitarian, though the embellishment seems modest enough by peace time standards." Below, factory in Henrietta Street for Pattermakers, Ltd. Bottom, extension to a bus repair depot in Watery Lane.

green walls, white woodwork, Van Gogh reproduction) is in a typical red Victorian villa not far from Grey Friars Green, which appears to be the centre today, in Coventry, for the offices of professional men. During the war he served as site architect with Sir Alexander Gibb & Partners and as chief civilian architect with the office of the Chief Engineer, U.S. Army. He is old enough to, in his own words, "have been brought up in period architecture and converted to contemporary design the hard way—i.e., much ahead of my clients."

E. T. BALDWIN.—Entered into partnership with Mr. Gardner in 1949. Born in Coventry and articulated to a local architect, he qualified in 1939. He worked for Sir Alexander Gibb and Partners, and for the MOS, designing ordnance factories during the war. In his spare time he grows and exhibits roses.





W. S. HATTRELL & PARTNERS

architects in private practice in COVENTRY
and LONDON



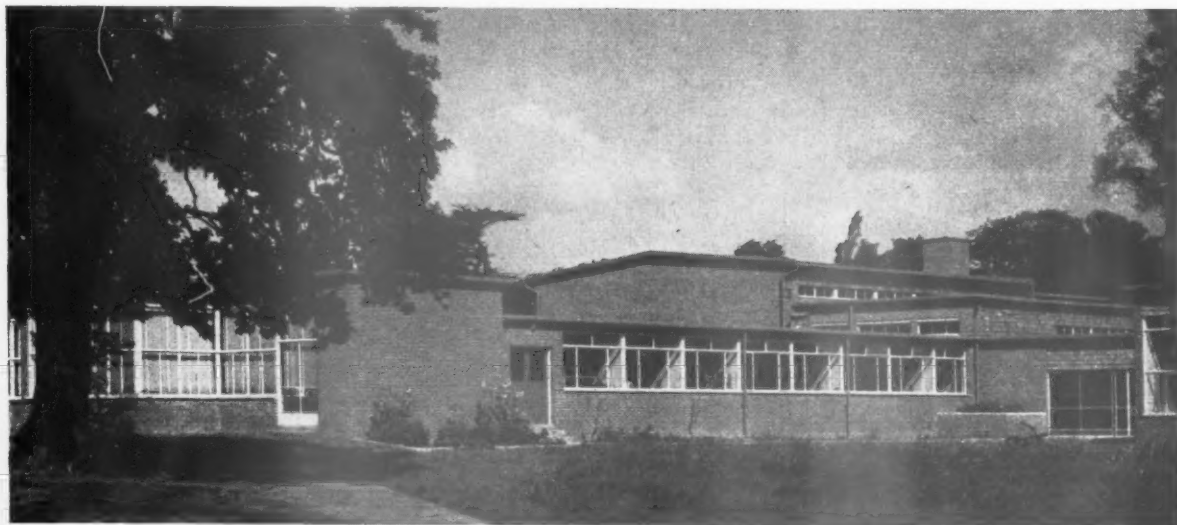
W. STANLEY HATTRELL.—The son of the founder of the practice, Walter Herbert Hattrell, who started in Coventry in 1894. Stanley Hattrell took over the practice on his father's death in 1925. By reputation a good business man, as well as architect, his staff of thirty is the largest in the town. Modest, his interests are wide—he has a 200-acre farm, travels, plays golf and collects stamps.

DUNCAN KAYE.—Articled to a Birmingham firm, he was a part-time student at the Birmingham school. He worked in London with Brian Poulter before joining Mr. Hattrell in 1935. He qualified in 1936 and became a partner in 1937. Other interests: water-colour painting, woodwork and sailing. (Photograph above.)

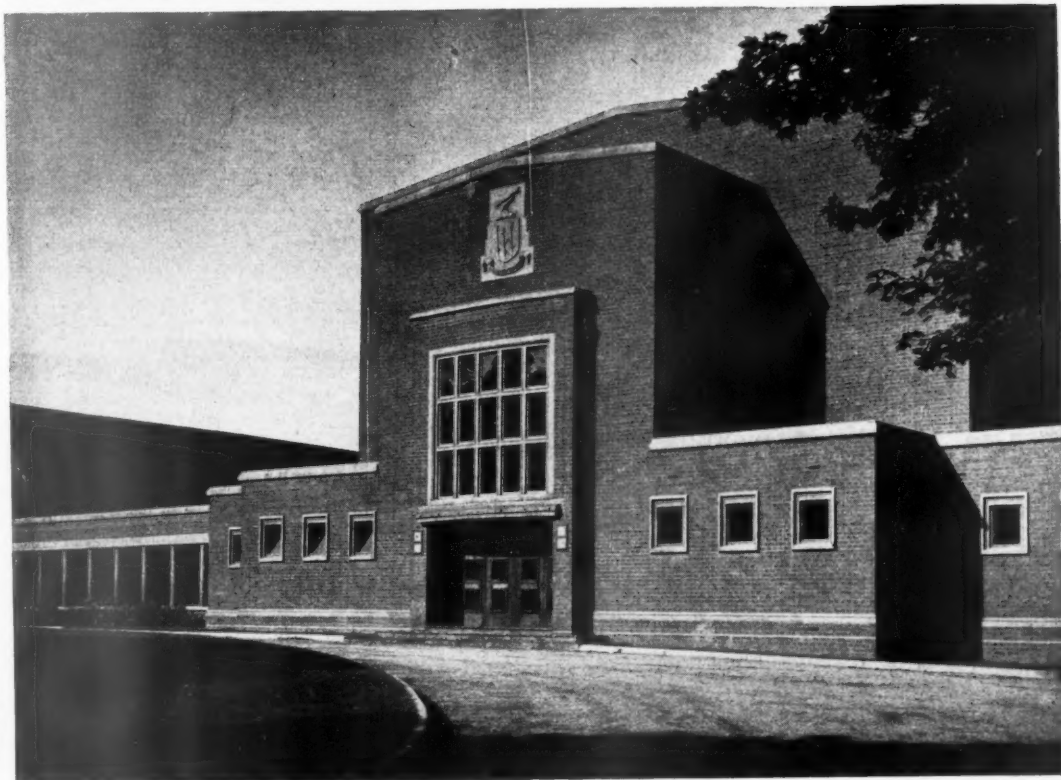
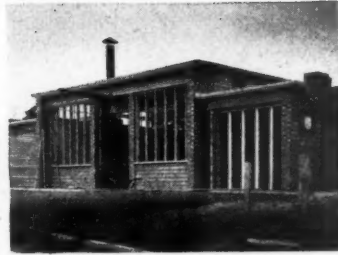
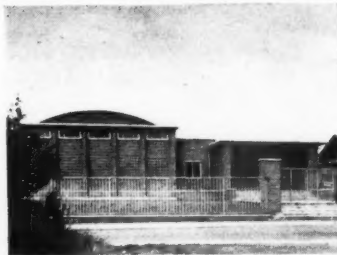
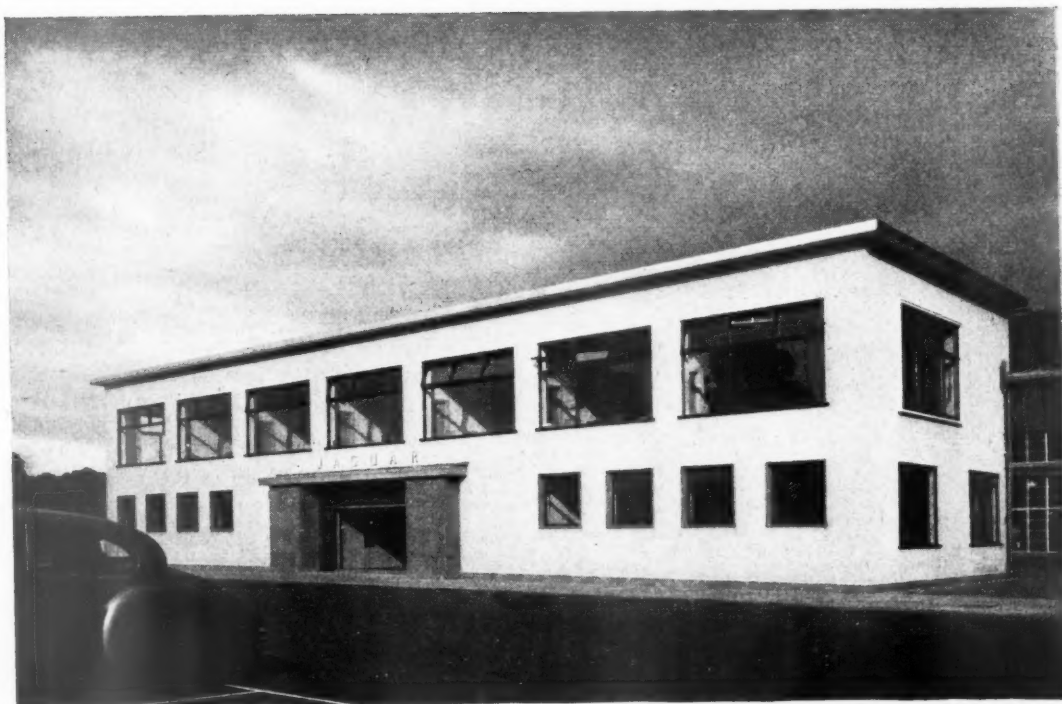
NORMAN R. BRANSON.—Articled to a Birmingham firm, like partner Duncan Kaye, he qualified by external examination. He became a partner in 1948. Is interested in stage design and sculpture.

SAVILE GREENWOOD.—Qualified at the Liverpool School of Architecture, he joined Mr. Hattrell as Chief Assistant in 1946, becoming a partner in 1948.

From top to bottom: Fords Hospital, one of the few remaining almshouses, which has been restored following extensive war-damage. St. Mary's Roman Catholic primary school, of load-bearing brick construction with aluminium roof. Teachers' training college, Canley, under construction (steel frame, breeze and brick skins to cavity walls). Primary school, Coundon Court, steel-frame, aluminium roof, flint-brick cavity walls.



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Top, new office block for Messrs. Jaguar Cars Ltd. Centre, left to right: factory for Bushill & Sons, Ltd., at Canley; canteen for Coventry Radiator and Presswork Co., Ltd. (shell concrete roof, load-bearing brickwork); engine test houses for Messrs. Alvis Limited. Bottom, assembly and dining hall for King Henry VIII School.



**ROLF HELLBERG &
MAURICE H. HARRIS**

architects in private practice in COVENTRY

ROLF HELLBERG.—Probably the most well known of the private architects in Coventry—at least amongst the modern school—he combines a becoming sense of showmanship with considerable business ability, an acutely critical mind and a notable sense of design. Trained at the Birmingham School from 1928-32, he commenced practice in Coventry in 1934, winning the Hen Lane School, Coventry, competition in the same year. He has won another school competition since then, as well as winning two second prizes, two thirds, and three mentions, of which a special mention was his design for Coventry Cathedral in the recent competition. In a flourishing, post-war practice his major job is the Owen Owen department store now going up in the centre of the city (see page 437, and the JOURNAL for April 19, 1951). Each year he travels, taking photographs in colour and studying modern buildings (so far visited USA, Sweden, Denmark, Holland, France, Switzerland, Italy). Holds



Above, the Ullathorne Roman Catholic secondary modern school, under construction. Top right, the Howes Lane primary school and, above right, an experimental classroom block in the Wheatley Street school, Coventry. Below, the interior of the rebuilt Magistrates Court, St. Mary's Hall.



strong opinions on the re-planning of Coventry (not all of them at variance with those of the City Architect, for whom he has great respect), and he thinks that local architects should be given more work by the City Corporation.

MAURICE H. HARRIS.—Born and educated in Coventry (a comparatively rare event amongst Coventry architects), was articulated locally, qualified by external examination and elected ARIBA in 1947, which year he joined Mr. Hellberg as chief assistant, becoming a partner in 1951. Has worked in Warwick county, and Coventry City, architects' departments. Regrets: the death of the RIBA early this century; the inflexibility of the Coventry plan; lack of work for local architects from local authorities and others (e.g. church authorities); the tendency of writers in some architectural periodicals to allow their long hair to obscure their vision.

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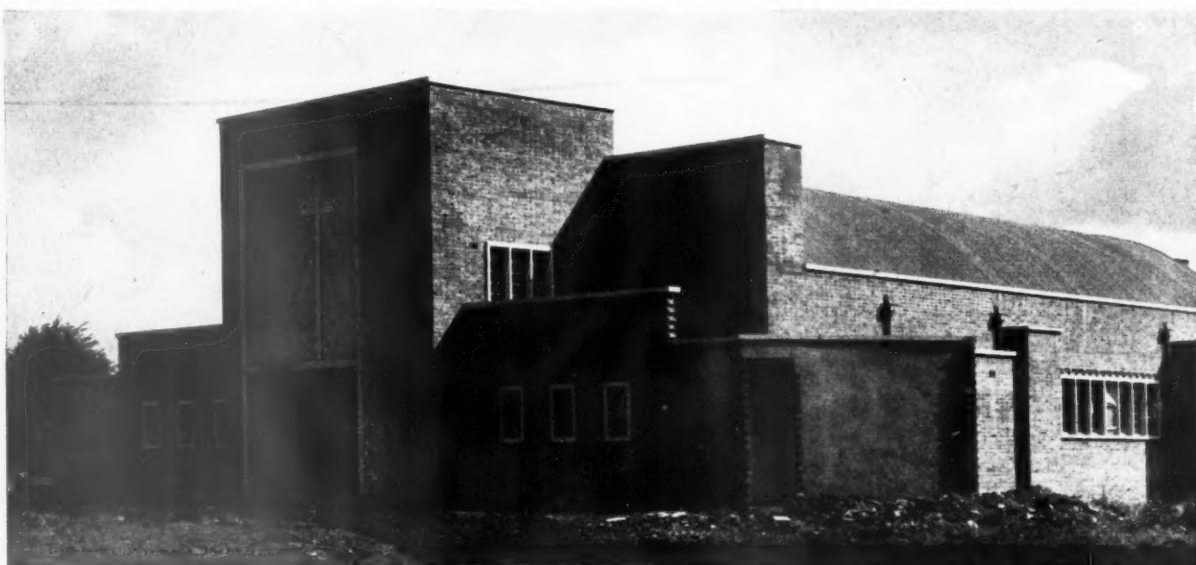
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S. J. OLDHAM & PARTNERS
architects in private practice in COVENTRY



S. J. OLDHAM.—One of the senior architects in the town, although not a Coventrian, he has, since the war, been actively engaged in reviving the local architectural society. "I was always artistic," he replied, when asked what made him take up architecture, and after a false start as an engineering draughtsman he entered the office of "Honeywood File" Creswell. He has worked in public offices as well as private, and reckons that the standard of architectural design in Coventry has improved. When he first started in Coventry, "the standard was terrible." Goes fishing every Thursday afternoon. Designed his own house and lived in it for twenty years, then bought, and moved into, the house next door. Does a little painting in water colours. Recent buildings include: above, temporary secondary school in Copthorne Road, and right, a Roman Catholic church hall in Tile Hill Lane.

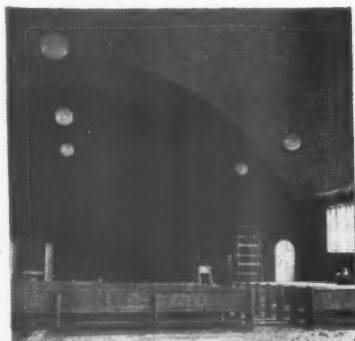


J. ARNOLD PARKER & SYDNEY H. JONES

architects and surveyors in practice in COVENTRY, SOLIHULL and LEAMINGTON

J. ARNOLD PARKER.—Commenced practice on his own in 1924, after a time as chief assistant in a local office and as an articled pupil attending day and evening classes. A member of the RAAF before the war, he was called up in 1939 and rose from Pilot Officer to Squadron Leader. He re-opened his practice in 1945 and took Sydney Jones into partnership in 1946. A large man, still interested in rugby football, which he once played keenly, he finds time to sit on a number of committees for the local architectural society as well as working on a technical dictionary of architectural and building terms.

SYDNEY H. JONES.—In charge of the Solihull office, he worked before the war for Messrs. Bradshaw, Gas & Hope, in Bolton, Lancs., and for the Leeds City Corporation, as senior assistant, on housing, which included working on the well-known Quarry Hill flats. He has recently designed a hotel. Both partners feel that architectural education should be revised and the system of articled pupilage reverted to, with the pupils' time equally divided between school and office. Left, and above, the interior and exterior of a Congregational church at Holyhead Road. This is the centre block of a group of buildings.





W. H. SAUNDERS & SON

architects and surveyors in practice
in COVENTRY, PORTSMOUTH
and SOUTHAMPTON

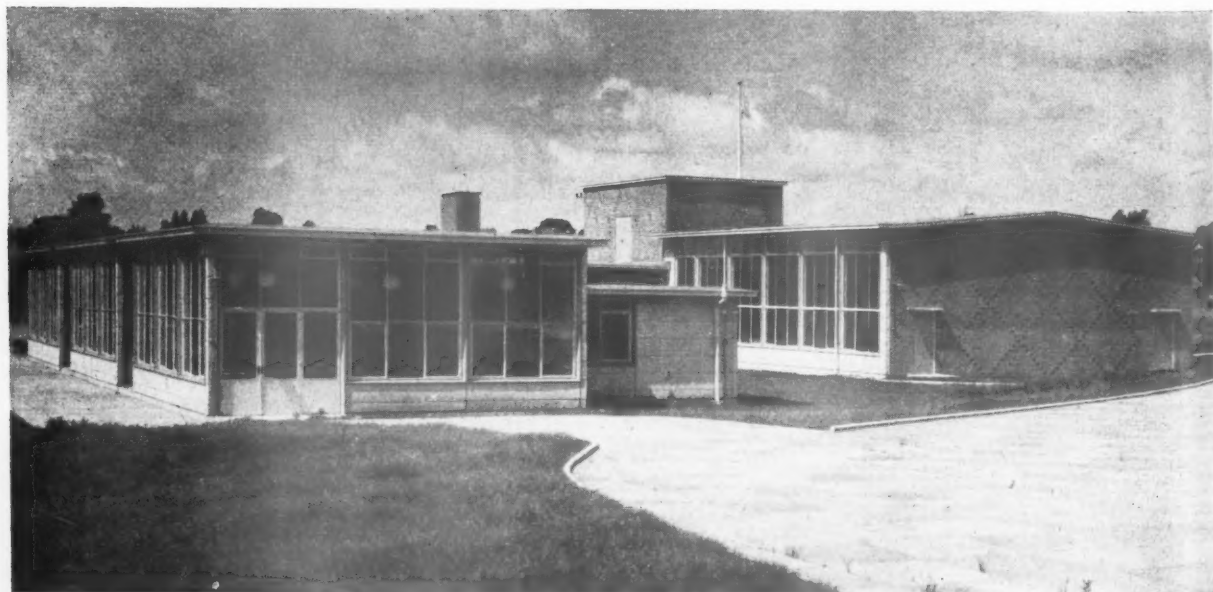


J. H. SAUNDERS.—Left, above, the son of the founder of the firm in Southampton. His portrait and some information regarding himself and the firm were published in the JOURNAL of April 16, 1953, when an article on the rebuilding of Southampton appeared. The Coventry branch of this firm is under the control of K. Newton.

K. NEWTON.—Right, above, a west-country man who was trained at Salisbury, where he spent some time with the City Council before coming to Coventry (after military service) in 1945. He worked as assistant to S. J. Oldham, until the opening of the branch office of Saunders and Son in Coventry in September, 1951. Married, with no children, his hobbies include photography, woodwork and model engineering.



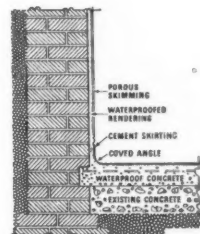
Top right, a factory for Pilot Plug Gauge Co., Ltd., Swallow Road. Centre, right, a Parish Hall at Tile Hill. Right, a reconstructed shop in The Square, Kenilworth. Left and below, the entrance and a general view of a Roman Catholic primary school at Stivichall, Coventry.





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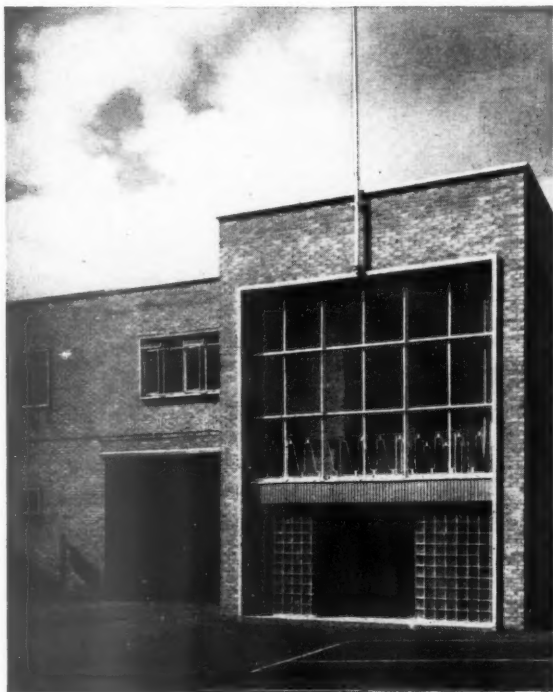


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**J. ROLAND SIDWELL**

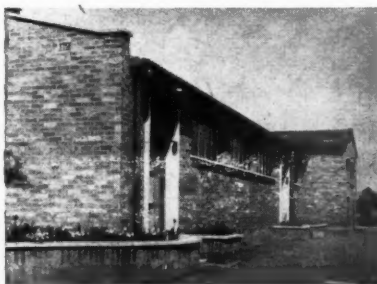
architect and surveyor in practice in COVENTRY

J. ROLAND SIDWELL.—One of the few architects in the town to have offices in other than a converted Victorian house. Admittedly, it is unpretentious Georgian—but freshly painted turquoise, with white door case and window reveals, it stands out in this city of villas. Articled in Coventry, and studying at the Coventry School of Art before taking his finals externally, Roland Sidwell worked in the City Architect's office before setting up his own practice. His office, with a full staff of ten, has been running for seven years. He has been secretary of the local architectural society for three years. Has competed with some success in national car rallies, and is Chairman of the British Trials Drivers' Association Rally Committee. Recent work in Coventry includes: below left, bakery and offices in Maudslay Road; below right, a factory in Brandon Road; and, bottom, a house and surgery for a doctor in Radford Road.

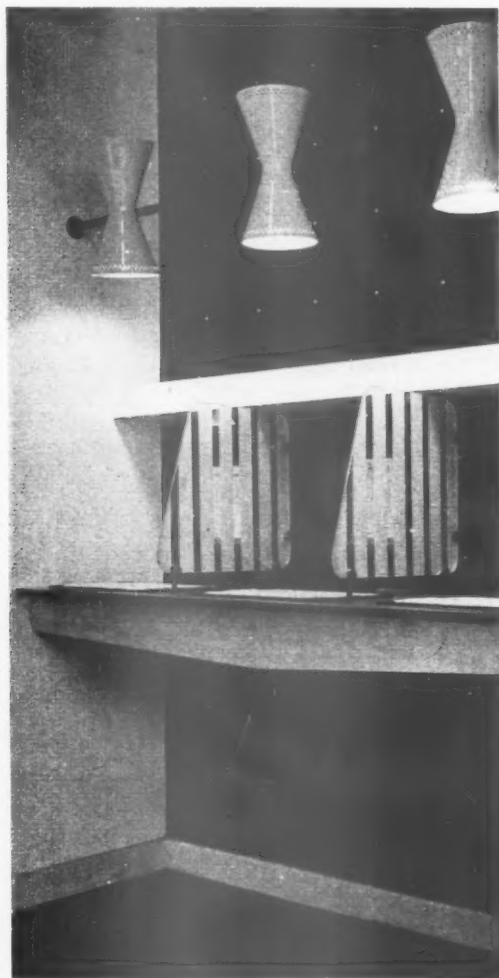
**C. F. REDGRAVE & PARTNERS**

architects and surveyors in practice in COVENTRY

C. F. REDGRAVE.—Has offices in the Quadrant, an indecisive curve of early Victorian villas screened by trees from Grey Friars Green in what remains of the professional centre of Coventry. Like his partner, L. A. Clarke, he is Coventry born, and was trained at the Birmingham School. He joined his father's office in 1934. His reply when asked if he had ever worked in a public office, was "heaven forbid." But his designs refute the conservatism this forceful ejaculation might suggest. Married, with three daughters, he is



Right, church hall at Whitley, extreme right, Canley Methodist Church Hall.



Right, writing booths, and extreme right, general view of interior and exterior of offices for the Coventry Evening Telegraph, by C. F. Redgrave and Partners. Below, right, an infants school, at Green Lane, and bottom of page, housing at Bell Green.



yet another fisherman—mainly for trout. He is probably the only architect—such is his sense of duty—to have risked his neck by climbing to the top of the slender Holy Trinity spire in order to inspect recent repairs to the fabric.

L. A. CLARKE.—Joined Mr. Redgrave's office in 1938, having previously worked in the Warwick County, and the Coventry City, architects' departments. Married, with one son. His partner gave his hobbies as golf, cricket and work.



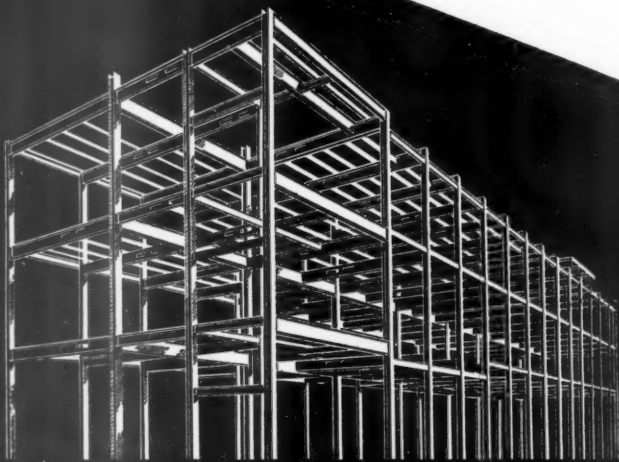
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BARNARD REYNER

architect in private practice in
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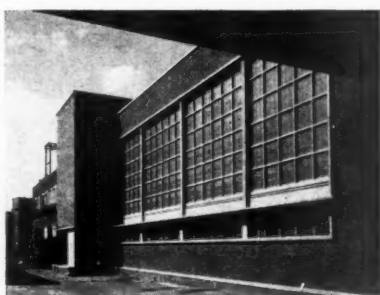
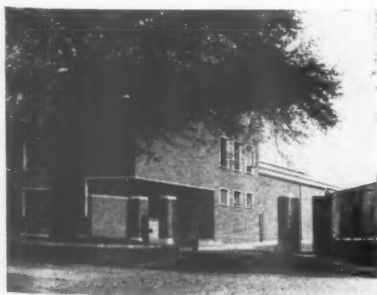
BARNARD REYNER.—The industrious and lively chairman of the local architectural association, or, to give it its true title, the Coventry Chapter of the Birmingham and Five Counties Architectural Association. Articled in Nottingham, Mr. Reyner qualified in 1934 and came to Coventry the next year for a "brief change of experience" with W. S. Hattrell & Partners. This brief change lasted until 1940, when he became assistant architect to the Daimler Company. He commenced his own practice in 1946, doing mainly industrial work, but also the Moseley Avenue Infant School, shown below, and a housing estate for the Corporation at Halls Farm, right, in collaboration with Peter Burgoine.



PETER BURGOINE

architect in private practice in
COVENTRY

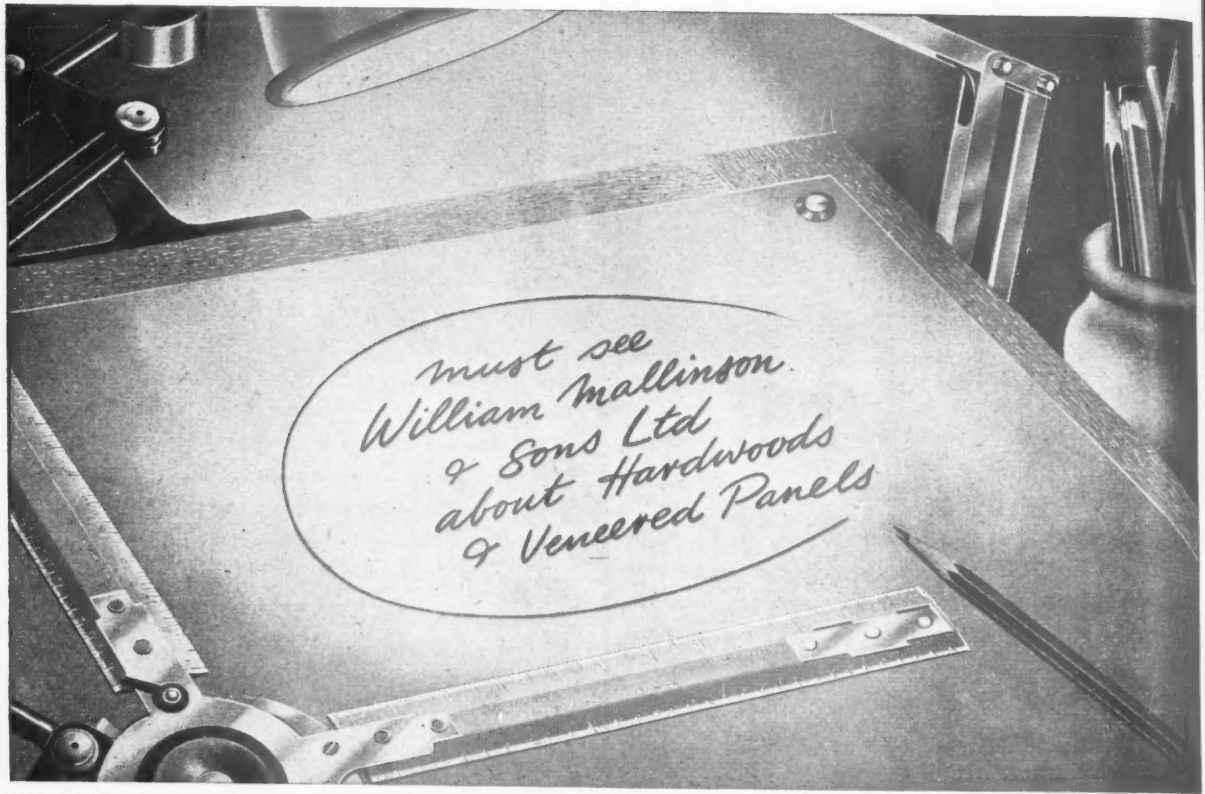
PETER BURGOINE.—Although now running a successful small practice (one assistant) from his house, he was, from 1939 until 1950, in the City Architect's office. Articled in Kingston, he did not take his finals until he was a prisoner of war in Germany. The bulk of his work is housing, some in collaboration with Barnard Reyner for the Corporation, but the bulk of it for private clients. Some of his best clients are the highly paid factory workers—"he knows what he wants and just what he wants to pay for it." Married, with three children. Hobbies: philately and yachting.



W. F. JOHNSON

chief architect of MESSRS. COURTAULDS
LTD., architect's department

W. F. JOHNSON.—Chief architect, since the war, he went to Courtaulds as an assistant clerk of works, after qualifying from the Birmingham school in 1934. With the exception of a short time in private practice, and service with the



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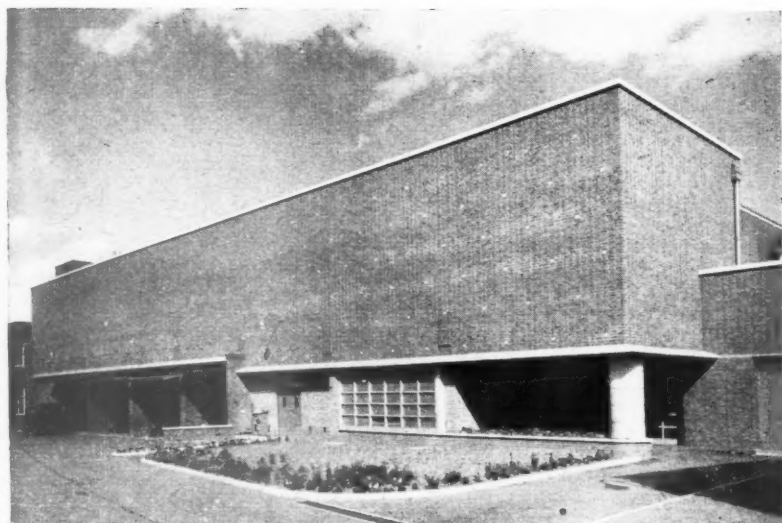
City Architect and Planning Department.

City Architect and Planning Officer, D. E. E. Gibson, M.A., A.R.I.B.A., A.M.T.P.I.; Chief Assistant Architects in charge of sections: J. C. Barker, A.R.I.B.A.; D. Beaton, A.R.I.B.A.; C. Bornat, B.A. (arch.), A.R.I.B.A.; S. Cooper, A.R.I.B.A.; W. T. Glare, A.R.I.B.A., A.M.T.P.I.; F. Monte, A.R.I.B.A.; G. H. Morris, L.R.I.B.A.; W. G. Sealey, A.R.I.B.A.; E. C. Torry, A.R.I.B.A.; Principal Planning Assistant: W. Burns, M.Eng., A.M.I.C.E., A.M.T.P.I.; Chief Quantity Surveyor, R. F. Lear, A.R.I.C.S.; Heating and Ventilating engineer, G. T. E. Lamble, A.M.I.H.V.E.; electrical engineer, R. H. Springett, A.I.E.E.

Shops and Offices. (Pages 436-439.) Main contractors: Higgs & Hill Ltd., W. H. Jones & Co. Ltd., D. Lynch Esq. Sub-contractors: Reinforcement steel, Whitehead Iron & Steel Co. Ltd.; pavement lights and "Nevada" windows, Lenscrete Ltd.; sanitary fittings, fireplaces, E. H. Fryer Ltd.; sliding doors, Betton Gate Co. Ltd.; lifts, Waygood Otis Ltd.; steel windows, fire cupboard doors and domed roof lights, Henry Hope & Sons Ltd.; fibrous plaster ceilings, entrance hall doors and fittings, H. H. Martyn & Co. Ltd.; reinforcement steel, McCall's Ltd.; window blinds, showcase fittings, Harris & Sheldon Ltd.; asphalt tanking and roofs, Ragusa Asphalt Paving Co. Ltd.; Waterproofing, R. I. W. Protective Products Ltd.; Hornton stone, Hornton Quarries Ltd.; reconstructed stone, Empire Stone Co. Ltd.; slate, Broughton Moor Quarries Ltd.; Travertine marble, Derbydene stone, Anselm Odling & Co. Ltd.; Paropa roofing, Frazzi Ltd.; doors, John Sadd & Sons Ltd.; ironmongery, James Gibbons Ltd.; steel balustrades, railings, terraces, lamp standards, Dixon Powney & Sons; wire mesh grilles, Boyd & Co. Ltd.; plaster to heating panels, G. T. Sheen Ltd., Nicholls Ltd.; suspended ceilings, Expanded Metal Co. Ltd.; terrazzo floors and dados, Marholme Co.; gas installation, West Midlands Gas Board; fire fighting equipment, heating and ventilating installations, G. N. Haden & Sons Ltd.; electrical, East Midlands Electricity Board; Doubling stone for sculpture, Bath & Portland Stone Co.; light fittings, Troughton & Young Ltd.; glazing, Glass (Coventry) Ltd.; paint, John Astley & Sons Ltd.; shoefitting, E. Pollard & Co.; clocks, John Smith & Sons; tiles, Carter & Co. Ltd.; sliding door gear, P. C. Henderson Ltd.; fire-resisting doors, Shutter Contractors Ltd.; faience tiling, Shaws Glazed Brick Co. Ltd.; footbridge, The Fairfield Shipbuilding Co. Ltd.; bricks, Blockleys Ltd.; lightning conductors, W. V. Furse Ltd.; teak fascia to terracing, Davies & Dawson Ltd.; structural steel, Braithwaite & Co. Ltd.; Delabole slate, Setchell & Sons Ltd.; aluminium windows and paneling, Crittalls Ltd.; electrical, National Electric (Birmingham) Ltd., P. D. Brady Esq., Electrical Installations Ltd., Lee, Beesley Ltd., Thompson Electrical Co., F. L. Flinn Esq.

Schools. (Page 440.) Main contractors: Gilbert Ash Ltd., Harrison Smith Buildings Ltd., D. Lynch & Son, Kottler & Heron Ltd., Gee, Walker & Slater Ltd., A. Maguire Esq., E. Harris & Son (Coventry) Ltd., Cross & Sons Ltd., Bcsworth & Wakford Ltd., Wm. Moss & Sons Ltd., Hinkins & Frewin Ltd., A. R. Lane Ltd., Garlicks Ltd., James O'Flanagan Ltd., Bristol Aeroplane (Weston) Ltd., George Wimpey & Co. Ltd., Higgs & Hill Ltd., Thos Bates & Son Ltd. Sub-contractors: Roofing, Ruberoid Co. Ltd.; steelwork, Redpath Brown & Co.; reinforced concrete, Trussed Concrete Steel Co. Ltd.; metal windows, Crittalls Ltd.; steelwork, Brockhouse Engineering Co. (Southport) Ltd.; roofing, Rudders & Payne Ltd.; tiling, Wormells Ltd.; agricultural engineer, F. H. Dalry Esq.; flooring, electrical, Pavementis Ltd.; flooring and wall tiling, Coventry Tile Co. Ltd.; pyro treatment, E. B. Trumper (Surfaces) Ltd.; handrailing, Bigwood Bros. (B'ham) Ltd.; fibrous plaster, Bryans Adamanta Ltd.; flooring, Bristol Art Floors Ltd.; glass manufacturers, Glass Ltd.; steelwork, Hills Ltd.; site layout, Parks Department; metal windows, Henry Hope & Sons Ltd.; shop fittings etc., Harris & Sheldon Ltd.; ironmongery, Mountford Bros. Ltd.; flooring, The Granwood Flooring Co. Ltd., Hollis Bros. Ltd.; glazing, F. A. Wilkins & Co. Ltd., Pearce & Cutler Ltd.; roofing, Faldo Asphalt Co. Ltd.; fencing, Penfold Fencing & Engineering Ltd.; tarmac work, Gilbert Ash Ltd.; flooring, Sam Robbins Ltd.; plaster partitions, Bellrock Gypsum Industries Ltd.; tarmac work, Galistan Road Constructions Ltd.; glass masonry, Lenscrete Ltd.; lift installation, Evans Lifts Ltd.; steel shutters, Rely-a-Bell Burglar & Fire Alarm Co. Ltd.; windows, H. Hope & Sons Ltd.; railings, Morris Singer Co. Ltd.; flooring, Bennett's Wood Flooring (Tungit) Ltd.; steelwork, Dorman Long & Co. Ltd.; ceilings, Expanded Metal Co. Ltd., Rudders & Paynes Ltd.; terrazzo, Marholme Co.; roofing, Permanite Ltd.; tanking, Ragusa Asphalt Paving Co. Ltd.; heating, G. Haden & Sons Ltd., Smith Clark & Sons Ltd., Young, Austen & Young Ltd., Weatherfoil Heating Systems Ltd.; electrical, F. L. Flinn Esq., Thompson Electrical Co., East Midlands Electricity Board, P. D. Brady Esq., National Electric (B'ham) Ltd., Lee, Beesley & Co., Electrical Installations Ltd.

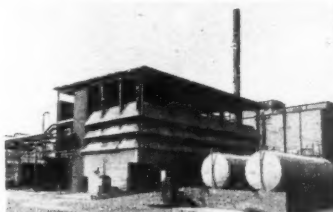
Housing. (Pages 441, 443-445.) Main contractors: Rexford (Builders) Ltd., Wilson Lovatt & Sons Ltd., Mr. A. Friswell, Hodgkinson & Gray Ltd., H. Wood & Co., Mr. D. H. Evans, T. Bates & Son Ltd., G. Wimpey & Co. Ltd., H. Clarke &



W. F. JOHNSON

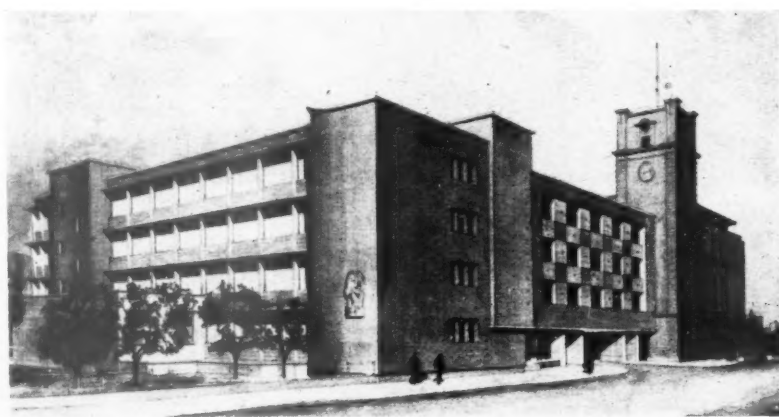
(continued)

chief architect of MESSRS. COURTAULDS LTD., architect's department



R.E. during the war, he has always worked for Courtaulds. Married, with one son aged five, he lives quietly, digs his garden and swims every morning, before breakfast, in the River Avon, which runs at the foot of the garden of his house, near Warwick. As chief of the architect's department in the engineering division of Courtaulds he is responsible for a considerable output of work—an industry of such national importance is not unduly limited as regards the issue of licences. In fact, Courtaulds average about £1 m. expenditure a year on new building and maintenance. Top, spinning shed and

garage, and above right, part of the plant of a Rayon factory at Little Heath. Below, research laboratory now under construction in Foleshill Road (consultant for elevations: Howard Robertson). Bottom, previous page, new laboratory, left, and pilot plant in Foleshill Road. Assistant chief architect, G. V. Bird; assistant architects: L. C. Chidley and A. S. Thomas; quantity surveyor, H. Darnell; structural engineer, H. Thrower.



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Day Nurseries and Homes. (Pages 443-5.) Main contractors: F. Hocking & Sons Ltd., W. H. Jones & Son Ltd., F. G. Robinson Esq., D. Lynch & Sons, Johns (Coventry) Ltd., Penn & Co., T. W. Boyfield & Son, Wilson Lovatt & Sons Ltd. Sub-contractors: Roofing Ruberoid Ltd.; prestressed concrete floors, Concrete Ltd.; roofing, Standard Flat Roofing Ltd.; plasterers, G. T. Hunt & Sons; glass manufacturers, Glass (Coventry) Ltd.; asphalt, Neuchatel Asphalt Ltd.; television aerials, Antiference Installation Ltd.; steelwork and patent glazing, Hayward Ltd.; remote Ltd.; Biron beams, Concrete Ltd.; plumbing, J. S. Wright Ltd.; flooring, Armstrong Cork & Co. Ltd., Coventry Tile Co. Ltd.; heating, Brightside Foundry & Engineering Ltd.; electrical, Lee, Beesley Ltd., F. L. Flinn Esq., East Midlands Electricity Board, Electrical Installations Ltd., National Electric Co. (Birmingham) Ltd., Thompson Electrical Co., P. D. Brady Esq.

Richard Lee Primary School, Coventry. (Page 446.) Architects: Architects' Co-Partnership; General Contractors: Garlicks Ltd.; Sub-contractors: structure, Hills (West Bromwich) Ltd.; heating, Weatherfoil Heating Systems Ltd.; boilerhouse chimney, Chimneys Ltd.; electricity, Francis L. Flinn; gas, West Midlands Gas Board; water, Daly & Son; roofing, William Briggs & Sons Ltd.; flooring, Premier Tile Co. (Coventry) Ltd., Horsley, Smith & Co. (Hayes) Ltd., Jaconello Ltd.; concrete and quarry tiles, Coventry Tile Co.; herring partitions and fibrous plaster, Plaster Decoration Co. Ltd.; sanitary fittings, Adamsez Ltd.; copper wastes, Eona Modern Products Ltd.; flush doors, Linden Doors Ltd.; glassroom window cills, E. Harris & Son (Coventry) Ltd.; venetian blinds, London Blinds; ironmongery, Mountford Bros. Ltd.; towel bins, T. Wilkes & Sons Ltd.; decorating, Daly & Son; curtains, Gerald Holton; radio, Clarke & Smith Manufacturing Co. Ltd.; precast manholes, Trollope & Colls Ltd.; concrete flower pots, Walter Lawrence & Son Ltd.; fencing, Boulton & Paul Ltd.; tarmac, Turfitt Construction Corporation Ltd.; lighting fittings, Falk Stadelmann & Co. Ltd.; extract fans, Greenwood's Airvac Ventilating Co. Ltd.; portable stage units, Geo. M. Hammer & Co. Ltd.; paint-oil, Docker Bros. Ltd.; chlorinated rubber, Tretol Ltd.; hoses, The Pyrene Co. Ltd.

Aldermans Green Primary School in Aldermans Green Road, Coventry, Warwickshire, for the Coventry Education Authority. (Page 446.) Architects: A. M. Gardiner & Partners, in charge, A. M. Gardiner, A.R.I.B.A.; Assistant Architect: J. T. Briars, A.R.I.B.A. Sculpture: W. L. Freeth, Consultants (Heating and Electrical); Brandt & O'dell, Quantity Surveyors; Davis, Belfield & Everest, General contractor: Higgs & Hill Ltd., Clerk of Works: J. S. Dixon, General Foreman: G. Perks. Sub-contractors: reinforced concrete, The Klein Co. Ltd.; bricks, stone, artificial stone, supplied by London & Sussex Merchants Ltd.; roofing felt, William Briggs & Son Ltd.; concrete blocks, structural steel, casements, sunblinds, Hills (West Bromwich) Ltd.; partitions, Bellrock Gypsum Industries Ltd.; glass, supplied by Pilkington Bros. Ltd.; woodblock flooring, Hollis Bros. Ltd.; patent flooring, The Resilient Tile & Flooring Co. (Basing) Ltd.; central heating, boilers, A. G. Manley & Co.; gasfitting, Ministry of Works; electrical wiring, The National Electrical & Engineering Co. (Birmingham) Ltd.; electric light fixtures, Hartley Electromotives Ltd.; plumbing, W. O. Baker; sanitary fittings, Adamsez Ltd.; door furniture, Comyn Ching & Co. (London) Ltd.; rolling shutters, Haskins; iron staircases, metalwork, Light Steelwork (1925) Ltd.; plaster, George Nicholls & Co. Ltd.; fibrous plaster, C. E. Pinn & Co.; joinery, Batty & Co. Ltd.; tiling, Carter & Co. (London) Ltd.; paint, Leyland Paint & Varnish Co. Ltd.; suspended ceiling, The Trussed Concrete Co. Ltd.; shrubs and trees, Coventry Corporation, cloakroom fittings, B. Finch & Co. Ltd.; clocks, Gent & Co. Ltd.; water supply, Coventry Corporation; school radio, The Magneta Time Co. Ltd.

Rebuilding of Georgian building, No. 11 Priory Road, Coventry. (Page 448.) Architects: A. H. Gardner & Partners; General Contractors:

Bowles & Son; Sub-contractors: bricks, Proctor & Lavender Ltd.; new stone, Bath & Portland Stone Co. Ltd.; replacement and repair of old stone, Stanton & Betany Ltd.; balconies, Croft Granite Brick & Concrete Co. Ltd., J. R. Pearson (Birmingham) Ltd.

Housing, Willenhall Neighbourhood Unit for Coventry Corporation. (Page 448.) Architects: A. H. Gardner & Partners; General Contractors: Thomas Bates & Son Ltd., London Builders Ltd., G. W. Deeley Ltd., Johns (Coventry) Ltd., H. Lee Bros., D. Lynch. All building under the negotiated scheme of the Coventry & District Association of Building Trades Employers. Sub-contractors: bricks, London Brick Co., Marston Valley Brick Co.; steel windows, Crittall Manufacturing Co. Ltd.; metal door frames, Henry Hope & Sons Ltd.; roofing, Marley Tile Co. Ltd.; mastic flooring, Parker, Winder & Achurch Ltd.; electrical installation, C. H. Patrick; kitchen cupboards, Sharp Bros. & Knight Ltd.; roof insulation, Gyproc Products Ltd.

Housing for Meriden Rural District Council. (Page 448.) Architects: A. H. Gardner & Partners. General contractors: Morris & Jacobs Ltd. Sub-contractors: External facings, Bridge Brick Co. Ltd. and London Brick Co.; roofing, E. H. Smith (Westhaven) Ltd.; plumbing, E. C. Kingbeer; pitchastic floors, Asphaltic Roofing Co. Ltd.; joinery, Midland Joinery Co.; metal windows, Crittall Manufacturing Co. Ltd.; metal door frames, Henry Hope & Sons Ltd.; fireplaces, E. H. Fryer; electrical installation, Three Spires Electric Ltd.

Primary School, Courthouse Green, Coventry, for Coventry Corporation. (Page 448.) Architects: A. H. Gardner & Partners. Heating consultants: A. J. P. Pashler. Murals: John Hutton. General contractors: Gilbert Ash Ltd. Sub-contractors: Aluminium pre-fabricated structure, Bristol Aeroplane Co. (Housing) Ltd.; external facings, Proctor & Lavender Ltd.; internal facings, Dunbrink Ltd.; reinforcement, British Reinforced Concrete Engineering Co. Ltd.; steel windows, Henry Hope & Sons Ltd.; flooring and roof heating, Granwood Flooring Co. Ltd.; basement tanking and mastic flooring, Limmer & Trinidad Lake Asphalt Co. Ltd.; flat roofing, Standard Flat Roofing Co. Ltd.; marigold floor tiles, Evans Bros. (Concrete) Ltd.; tiling and terrazzo, Coventry Tile Co. Ltd. and Carter & Co.; sanitary goods, Matterson, Huxley & Watson Ltd.; ironmongery and letter plates, Matterson, Huxley & Watson Ltd.; hose reels, L. & G. Fire Appliance Co. Ltd.; folding doors, Esavian Ltd.; grease traps, William E. Farrer Ltd.; cloakroom fittings, Cloakroom Equipment Ltd.; roller shutters, G. Brady & Co. Ltd.; wood block and strip floors, R. W. Brooke & Co. Ltd.; Venetian blinds, J. Avery & Co.; curtains, Gerald Holton; heating and hotwater, Froggatt & Prior; electrical installation, Lee Beesley & Co. Ltd.

Offices of the Coventry and District Association of Building Trades Employers, Warwick Road, Coventry. (Page 449.) Architects: A. H. Gardner & Partners. General contractors: Cross & Sons Ltd. Sub-contractors: facing bricks, Bleyey Brick Co.; rapid precast floor beams, Tarmac Ltd.; roofing tiles, Colthurst & Symons Ltd.; reconstructed stone and terrazzo tile paving, Croft Granite, Brick & Concrete Co. Ltd.; glazed tiling, Coventry Tile Co. Ltd.; metal windows, Crittall Manufacturing Co. Ltd.; wood block floors, Hollis Bros. Ltd.; balcony and staircase balustrades, J. R. Pearson (Birmingham) Ltd.; ironmongery, K. S. Neale; electrical installation, Lee Beesley & Co. Ltd.

Extension of Bus Repair Depot, Watery Lane, Coventry, for Coventry Corporation. (Page 449.) Architects: A. H. Gardner & Partners. General contractors: E. K. Youell & Son Ltd. Sub-contractors: Aluminium frame, Johnson Ireton Ltd.; steel windows, Henry Hope & Sons Ltd.; steel staircase, Haywards Ltd.; roof lining, Rudders & Paynes Ltd.; ironmongery, etc., Matterson, Huxley & Watson Ltd.; sanitary goods, E. H. Fryer; heating and hotwater, K. L. Paton Co. Ltd.; electrical installation, Lee Beesley & Co. Ltd.

Factory, Henrietta Street, Coventry. (Page 449.) Architects: A. H. Gardner & Partners. General contractors: H. Clarke & Sons Ltd. Sub-contractors: external facings, Cherry Orchard Brick Co.; steel frames patent glazing, roof lining and sanitary goods, Matterson, Huxley & Watson Ltd.; steel windows, Henry Hope & Sons Ltd.; ironmongery, K. S. Neale; flat roofing, Standard Flat Roofing Co. Ltd.; heating and hotwater, K. L. Paton Co. Ltd.; gates, Boulton & Paul Ltd.

Reconstruction of Fords Hospital, Coventry. (Page 450.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General contractors: Williams Contractors. Sub-contractors: electrical installation, G. R. Marson Ltd.; sanitary fittings, Matterson, Huxley & Watson Ltd.

St. Mary's Roman Catholic Primary School, Gosford Green, Coventry. (Page 450.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General Contractor: W. H. Jones & Son Ltd. Sub-contractor: structural steelwork, Boulton & Paul Ltd.; precast trussing floors and flat roofs, Trussed Concrete Steel Co. Ltd.; bitumetal roofing, William Briggs & Son Ltd.; facing bricks, Proctor & Lavender Ltd.; expanded metal ceiling, Expanded Metal Co. Ltd.; heating and hot water service installation, Young, Austen & Young Ltd.; electrical installation, G. R. Marson Ltd.; sanitary fittings, Shanks & Co. Ltd.; metal door frames, steel doors and frames, metal windows and lantern lights, Henry Hope & Sons Ltd.;

glaze-crete lanterns and concrete window frames, J. A. King & Co. Ltd.; furnishings, The North of England School of Furnishing Co. Ltd.; hardwood sashery shutters, Roller Shutters Ltd.; window blinds, Hills (West Bromwich) Ltd.; cloakroom fittings and handrails, James Gibbons Ltd.; ironmongery, Matterson, Huxley & Watson Ltd.; glass domes, Pilkington Bros. Ltd.; hose reels, The Pyrene Co. Ltd.; acoustic tiles, Horace W. Cullum & Co. Ltd.; terrazzo, Marbello & Durus Ltd.; wood block and sematic floors, Hollis Bros. Ltd.; stone paving, Hornum Quarries Ltd.; chain link fencing, H. E. Phillips Ltd.

Training College, Canley, Coventry. (Hostel Block No. 1 for the Education Committee of Coventry Corporation. (Page 450.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General Contractor: W. H. Jones & Son Ltd. Sub-contractors: structural steelwork, Boulton & Paul Ltd.; hollow tile floor, Helical Bar & Engineering Co. Ltd.; B.R.C. reinforcement, British Reinforced Concrete Engineering Co. Ltd.; bitumetal roofing, William Briggs & Sons Ltd.; facing bricks, National Coal Board; expanded metal ceilings, Expanded Metal Co. Ltd.; heating and hot water service installation, Young Austen & Young Ltd.; staircase and balcony balustrades, Scaffolding (Great Britain) Ltd.; pre-formed plumbing stacks, J. S. Wright & Co. Ltd.; sanitary fittings, Rowe Bros. & Co. Ltd.; electric incinerators, Jackson Electric Stove Co. Ltd.; electric installation, Electric Installations Ltd.; metal door frames, Henry Hope & Sons Ltd.; flush doors, Gliksten Doors Ltd.; teak windows, E. O. Shanks & Sons Ltd.; ironmongery, Walker & Wood Ltd.; window furniture, James Gibbons Ltd.; hose reels, The Pyrene Co. Ltd.; cork tile flooring, Cork Insulation Co. Ltd.; wood block floors, R. W. Brooke & Co. Ltd.; plastic tile floors, Coventry Tile Co. Ltd.; acoustic tiles, Horace W. Cullum & Co. Ltd.

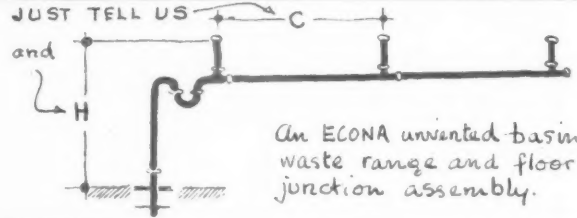
Primary School, Coundon Court, Coventry, for the Education Committee of Coventry Corporation. (Page 450.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General contractors: H. Clarke & Sons Ltd. Sub-contractors: structural framework, Brockhouse Engineering (Southport) Ltd.; bitumetal roofing, William Briggs & Sons Ltd.; cedar shingles, W. H. Colt (London) Ltd.; facing bricks, Uxbridge Flint Brick Co. Ltd.; vitreous concrete blocks, Vitreous Concrete Co. Ltd.; ceiling panels, Peters Contractors Ltd.; heating and hot water service installation, W. A. Bennett & Son; electrical installation, The Thompson Electrical Co.; metal windows, Stelwin Construction Co. Ltd.; dome lights, T. & W. Ide Ltd.; metal door frames, Henry Hope & Sons Ltd.; flush doors, L. P. Thomas & Co. Ltd.; window blinds, London Blinds Ltd.; cloakroom fittings, Cloakroom Equipment Ltd.; mobile stage units, George M. Hammer & Co. Ltd.; concrete buff slab paving and reconstructed stone cills, Trent Concrete Ltd.; wood block, and other flooring, R. W. Brooke & Co. Ltd.; tile paving, Caledonian Concrete Co. Ltd.; wall paper, James Williamson & Son Ltd.; gates and railings, Scaffolding (Great Britain) Ltd.

Office Block for Jaguar Cars Ltd., Browns Lane, Alesley, Coventry. (Page 451.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General contractor: W. H. Jones & Son Ltd. Sub-contractors: steelwork, Boulton & Paul Ltd.; myko beam floors, George Greenwood & Co. Ltd.; roofing, William Briggs & Sons Ltd.; heating and hot water installation, G. N. Haden & Sons Ltd.; electrical installation, G. R. Marson Ltd.; sanitary fittings, Rowe Bros. & Co. Ltd.; pre-formed plumbing stacks, J. S. Wright & Co. Ltd.; flush doors, L. P. Thomas & Co. Ltd.; window gearing, Arens Controls Ltd.; ironmongery, cloak fittings and aluminium windows, James Gibbons Ltd.; armour plate doors, Glass (Coventry) Ltd.; plinth door and window surrounds, Horton Quarries Ltd.; Jaguar heads, The Birmingham Guild Ltd.; terrazzo work, Art Pavements & Decorations Ltd.; wood block floors, R. W. Brooke & Co. Ltd.; plastic flooring, Coventry Tile Co. Ltd.; cork flooring, Korkoid Decorative Floors.

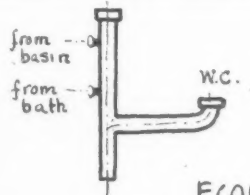
Factory for Thos. Bushill & Sons Ltd., Burnall Road, Canley, Coventry. (Page 451.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General Contractor: A. Matis & Son Ltd. Sub-contractors: structural steelwork, Banister, Walton & Co. Ltd.; reinforced concrete hoist pit, Holst & Co. Ltd.; bitumetal roofing, William Briggs & Sons Ltd.; facing bricks, Uxbridge Flint Brick Co. Ltd.; electrical installation, G. R. Marson Ltd.; heating, heater units, ventilation and hot water installations, G. N. Haden & Sons Ltd.; fire fighting equipment, Charles Winn & Co. Ltd.; electric travelling hoist block, Herbert Morris Ltd.; electric screw jack lifts, Evans Lifts Ltd.; metal door frames and steel partitioning, Fredk. Braby & Co. Ltd.; sliding door gear, P. C. Henderson Ltd.; metal windows, James Gibbons Ltd.; patent glazing, Mellows & Co. Ltd.; sanitary fittings, Tuck & Blakemore Ltd.; ply-wood partitions, Venesta Ltd.; ironmongery, Parker, Winder & Achurch Ltd.; emalux glazed wall finish, John Ellis & Sons Ltd.; terrazzo tiling, Marbello & Durus Ltd.

Canteen for the Coventry Radiator & Presswork Co. Ltd., Canley, Coventry. (Page 451.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General contractor: J. G. Gray Ltd. Sub-contractors: reinforced concrete barrel vault, Holst & Co. Ltd.; reinforced concrete flat roofs, The Klein Co. Ltd.; roof covering, Standard Flat Roofing Co. Ltd.; ventilating, heating and hot and cold water installations, G. N. Haden & Sons Ltd.;

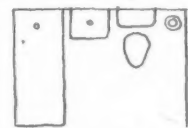
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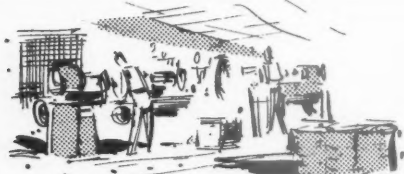
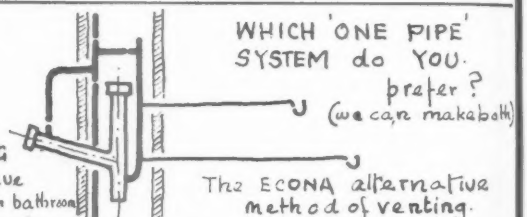
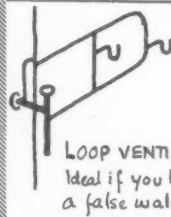
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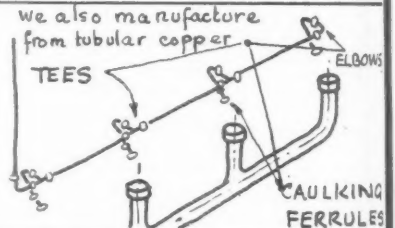


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cold storage room, The Midland Electrical Equipment Co. Ltd.; electrical installation, Lee Beesley & Co. Ltd.; sanitary fittings, Leeds Fireclay Co. Ltd.; metal windows, doors, lantern light and patent glazing, Stelwin Construction Co. Ltd.; glass-crete lights and screens, J. A. King & Co. Ltd.; barrel vault roof lights, Mellows & Co. Ltd.; sliding shutters, Gaskell & Chambers Ltd.; metal door frames, Henry Hope & Sons Ltd.; metal partitioning, Fredk. Braby & Co. Ltd.; flush doors, Gliksten Doors Ltd.; ironmongery, James Gibbons Ltd.; terrazzo, Marbello & Durus Ltd.; sematic tile and wood block flooring and skirtings, Hollis Bros. Ltd.; gates and railings, Bayliss, Jones & Bayliss Ltd.

Engine Test Houses for Alric, Ltd., Baginton, Coventry. (Page 451.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General contractors: Higgs & Hill Ltd. Sub-contractors: reinforced concrete work and precast-concrete roof members, Holst & Co. Ltd.; reinforced concrete lamp standards, Concrete Utilities Ltd.; concrete window units and glazing, J. A. King & Co. Ltd.; fabric reinforcement, McCall's (Sheffield) Ltd.; anti-vibration installation, Kaulex Ltd.; heating and ventilating installations, Young, Austen & Young Ltd.; electrical installation, Central Electric Co.; rolling shutters, John Booth & Sons (Bolton) Ltd.; centrifugal pumps, Wayne Tank & Pump Co. Ltd.; duct covers and walkways, Expanded Metal Co. Ltd.; pulley blocks, etc., Vaughan Cranes Ltd.; steel casements, Stelwin Construction Co. Ltd.; balcony rails and cat ladders, Scaffolding (Great Britain) Ltd.; ironmongery, Siedall & Co. Ltd.; armour plate glass, Glass (Coventry) Ltd.; plastic flooring, Carpet & Linoleum Laying Co. Ltd.

Assembly Hall, King Henry VIII School, Coventry. (Page 451.) Architects: W. S. Hattrell & Partners, F.A.R.I.B.A. General contractor: Wm. Moss & Sons Ltd. Sub-contractors: Structural steelwork, Boulton & Paul Ltd.; concrete floors, roofs, balcony and staircase, The Kleine Co. Ltd.; hyrb suspended ceilings, Trussed Concrete Steel Co. Ltd.; external facing bricks, Tucker & Son Ltd.; internal facing bricks, Proctor & Lavender Ltd.; stonework and carving, J. H. Taylor; stone paving, Horton Quarries Ltd.; heating and hot water service installations and cloakroom fittings, Young Austen & Young Ltd.; electrical installation, Lee Beesley & Co. Ltd.; roller shutter, Mather & Platt Ltd.; cooking appliances, Radiation (Large Cooking Equipment) Ltd.; steel windows, lantern lights, ironmongery, handrail and balustrade, James Gibbons Ltd.; glass-crete roof lights and windows, J. A. King & Co. Ltd.; proscenium arch surround, Bath Cabinet Makers & Artcraft Ltd.; window blinds, Hills (West Bromwich) Ltd.; wood block floors, Hollis Bros. & Co. Ltd.; terrazzo, Philip Ceconi & Son; quarry tiles, H. J. Glover Ltd.; acoustic tiles, Horace W. Cullum & Co. Ltd.

Ullathorne Roman Catholic Secondary Modern Schools, Coventry. (Page 452.) Architects: Rolf Hellberg & Maurice Harris, F.A.R.I.B.A. Assistant architect: J. E. Griffin. Structural consultants: H. Jorys H. M.E.N.G., M.I.C.E., M.I.S.T.R.U.C.E. Quantity surveyor: C. H. Osborne & Partners. General contractors: William Moss & Sons Ltd. Sub-contractors: Bricks, G. Tucker & Sons Ltd.; precast concrete (cills, etc.), J. Ellis & Sons Ltd.; precast concrete (beams, etc.), Constone Ltd.; metal windows, J. Gibbs Ltd.; metal door frames, Morris Singer Co. Ltd.; ironmongery and wrought iron grilles, James Gibbons Ltd.; steelwork (roof girders), Matterson Huxley & Watson Ltd.; cast glass dome, Pearce & Cutler Ltd.; roofing, William Briggs & Sons Ltd.; heating, K. L. Paton Co. Ltd.; electrical flooring, F. L. Flinn; flooring tiles, Coventry Tile Co. Ltd.; wood block and strip, J. A. Hewitson & Co. Ltd.; linoleum, Korkoid Decorative Floors; non-slip tiles, Stourbridge Glazed Brick & Fireclay Co. Ltd.; sanitary fittings, Matterson, Huxley & Watson Ltd.; plastering, Rex Johnson, Herberts, P. Griffin; decorating, G. H. Eyres; library fittings, Luxfer Ltd.; gymnasium apparatus, Niels Larsen & Son Ltd.; laboratory equipment, Sotos Ltd.; radio, Clarke Smith; fire hose reels, Read & Campbell Ltd.

Houses Lane Primary School, Coventry. (Page 452.) Architects: Rolf Hellberg & Maurice H. Harris, F.A.R.I.B.A. Assistant architect: J. J. Gill, A.R.I.B.A. Quantity surveyor: C. H. Osborne & Partners. General contractor: W. H. Jones & Son Ltd. Sub-contractors: flooring, Greenwood Flooring Co. Ltd.; Coventry Tile Co. Ltd.; windows, John Gibbs Ltd.; steelwork, Wilfred Robbins Ltd.; Matterson, Huxley & Watson Ltd.; precast concrete, Constone Ltd.; lattice joists, Metal Sections Ltd.; Sommerfelds Ltd.; ironmongery, K. S. Neale; door trims, Henry Hope & Sons Ltd.; flush doors, Leaderfuss Ltd.; roofing, William Briggs & Sons Ltd.; heating, Daly & Sons Ltd.; McPherson & Co. Ltd.; electrical services, Thompson Electrical Co.; site layout, John Jeffries & Son Ltd.

Experimental Classroom Block, Wheatley Street Schools, Coventry. (Page 452.) Architects: Rolf Hellberg & Maurice H. Harris, F.A.R.I.B.A. Assistant architect: J. E. Griffin. Quantity surveyor: C. H. Osborne & Partners. General contractor: J. Gilmartin (Coventry) Ltd. Sub-contractors: R.C. slab foundation design and supply of steel reinforcements, Trussed Concrete Steel Co. Ltd.; external facing bricks, Proctor & Lavender; internal facing bricks, Uxbridge Flint Brick Co.; metal windows, John Gibbs Ltd.; metal door frames, Henry Hope & Sons Ltd.; ironmongery, K. S. Neale; floor tiling, Coventry Tile Co. Ltd.;

heating, F. C. Ward; electrical, F. L. Flinn; glazed wall finishes, Modern Surfaces Ltd.; lattice roof beams, W. H. Heywood & Co. Ltd.; roof insulating slabs, Thermacoust Ltd.; rectangular roof dome light, W. H. Heywood & Co. Ltd.; roofing, William Briggs & Sons Ltd.

Magistrates Court, St. Mary's Hall (War damage rebuild), Coventry. (Page 452.) Architects: Rolf Hellberg & Maurice H. Harris, F.A.R.I.B.A. Assistant architect: C. S. B. Smith, A.R.I.B.A. Quantity surveyor: C. H. Osborne & Partners. General Contractors: J. G. Gray Ltd. Sub-contractors: electrical installation, G. R. Marson Ltd.; stonework, Stanton & Bettany; heraldic plaque, V. Candey; heating, W. A. Bennett & Sons; metal windows, John Gibbs Ltd.; ironmongery, K. S. Neale; parquet flooring, Stevens & Adams Ltd.; acoustic treatment, D. W. Cullum; light fittings, Merchant Adventurers.

Cophorne Road Temporary Secondary School for Coventry Education Committee, Coventry. (Page 453.) Architects: S. J. Oldham & Partners. General contractors: J. Gilmartin (Coventry) Ltd. Sub-contractors: electrical installation, City Electrical Bham Ltd.; heating, Brightside Foundry & Engineering Co.; flooring, Hollis Bros. Ltd.; hutting, Medway Buildings & Supplies Ltd.; sanitary fittings, A. D. Foulkes Ltd.; ironmongery, Parker, Winder & Achurch Ltd.

Roman Catholic Church Hall, Tile Hill Lane, Coventry. (Page 453.) Architects: S. J. Oldham & Partners. General contractors: Arthur Maguire.

Congregational Church, Holyhead Road, Coventry. (Page 453.) Architects: J. Arnold Parker, A.I.A.A., A.I.A.S. General contractors: Coundon Builders Ltd. Sub-contractors: bricks, Blockleys Ltd.; floors, altar steps, plastic floors, tiles, etc., Coventry Tile Co. Ltd.; electrical work, G. R. Marson Ltd.; memorial windows, stained glass, leaded lights, metal windows, E. Shewell Trickett & Sons; steel reinforcement, etc., Twislock Reinforcement Ltd.; doors, Adamite Co. Ltd.; special doors, pews, choir stalls, pulpit, console, etc., Cabinets (Warwick) Ltd.; reconstructed stonework, carving, etc., The Croft Granite Brick & Concrete Co. Ltd.; flat roofs, The Standard Flat Roofing Co. Ltd.; wrought ironwork, J. R. Pearson (Birmingham) Ltd.

Factory for Pilot Plug Gauge Ltd., Swallow Road, Coventry. (Page 454.) Architects: W. H. Saunders & Son. General contractors: James O'Flanagan Ltd. Sub-contractors: structural frame, Pandey by Ludwell & Co. Ltd.; bricks, National Brick Co.; reconstructed stone, Longford & Midland Concrete Co. Ltd.; tarmac, Hiways; suspended ceilings, Peters Contractors Ltd.; heating engineers, Smith Clark & Son; electrical installation, G. H. Marson Ltd.; linoleum tile floor, Linfor by Coventry Tile Co. Ltd.

Parish Hall, Tile Hill, Coventry. (Page 454.) Architects: W. H. Saunders & Son. General contractor: A. Maguire. Sub-contractors: precast concrete frame and slabbing, Orlift (Lancs.) Ltd.; bricks, Marston Brick & Tile Co. Ltd.; felt roofing, Ruberoid Co. Ltd.; metal windows, Stelwin Ltd.; wood block floors, R. W. Brooke & Co. Ltd.; thermoplastic tile floors, R. W. Brooke & Co. Ltd.; heating engineers, Smith Clark & Son; electrical installation, P. D. Brady; w.c. partitions, Venesta Ltd.; ironmongery & cloak rails, Parker, Winder & Achurch Ltd.; asbestos cavity decking roofing, G. E. Petts Ltd.

Reconstruction of 9, The Square, Kenilworth. (Page 454.) Architects: W. H. Saunders & Son. General Contractors: C. F. Lewis Ltd. Shop front: C. F. Lewis Ltd. Sub-contractors: bricks, London Brick Co. Ltd.; cherry Orchard Brick Co.; Longford Brick & Tile Co.; felt roofing, Ruberoid Co. Ltd.; thermoplastic and Linfor tiles, Coventry Tile Co. Ltd.; hardwood strip flooring, Coventry Tile Co. Ltd.; electrical installation, Storr & Townsend Ltd.; shop fittings, Mutter & Hall; ironmongery, Parker, Winder & Achurch Ltd.; reconstructed stone, Croft Granite Brick & Concrete Co. Ltd.; metal windows, Crittall Manufacturing Co. Ltd.

Roman Catholic Primary School of St. Thomas More, Knoll Drive, Stirchill, Coventry. (Page 454.) Architects: W. H. Saunders & Son. General contractor: James O'Flanagan Ltd. Sub-contractors: dampcourses, Flexi-Mastic Roofs & Asphalts Ltd.; asphalt, Flexi-Mastic Roofs & Asphalts Ltd.; bricks, Istock Brick & Tile Co. Ltd.; London Brick Co. Ltd.; artificial stone, Longford & Midland Concrete Co. Ltd.; Warf Lane Concrete Co. Ltd.; structural steel, Hills (West Bromwich) Ltd.; wall tiles, Carter & Co. Ltd.; special roofings, Flexi-Mastic Roofs & Asphalts Ltd.; glass, Glass (Coventry) Ltd.; patent glazing, P. Dingley; woodblock flooring, Viger Bros. Ltd.; patent flooring, Marley Tile Co. Ltd.; (laid by) Coventry Tile Co. Ltd.; central heating, Young, Austin & Young Ltd.; gas fixtures, W. E. Farrar Ltd.; Bratt, Colbran Ltd.; gasfiting, West Midlands Gas Board; electric wiring, F. H. Wheeler & Co. Ltd.; plumbing, W. A. Jordan; sanitary fittings, Shanks & Co. Ltd. (supplied by) Matterson, Huxley & Watson Ltd.; door furniture, Hills (West Bromwich) Ltd.; Parker, Winder & Achurch Ltd.; rolling shutters, Haskins Ltd.; metal casements, Hills (West Bromwich) Ltd.; sunblinds, J. Avery & Co. Ltd.; joinery, Kelley & Son (Coventry) Ltd.; tiling, Carter & Co. Ltd.; school fittings, Educational Supply Co. Ltd., Kelley & Son (Coventry) Ltd.; cloakroom fittings,

Cloakroom Equipments Ltd.; water supply, Coventry Water Undertaking.

Crown Bakery & Office Block for Suttons Bakers Ltd., Mandlary Road, Coventry. (Page 455.) Architect: J. Roland Sidwell, A.R.I.B.A. General contractors: Cross & Sons, Jaques Ltd. Sub-contractors: steelwork, R. O. Wright Ltd.; artificial stone, Longford & Midland Concrete Co. Ltd.; lifts, Evans Lifts Ltd.; asphalt work, General Asphalt Co. Ltd.; R.C. Roof beams, Concrete Ltd.; windows and lantern lights, Rustproof Metal Window Co.; staircase handrail and balustrading, J. E. Pearson (Bham) Ltd.; terrazzo, Rapont (Flooring) Co.; wall tiling, Coventry Tile Co.; cork flooring, J. A. Hewitson & Co. Ltd.; office partitions, Holoplast Ltd.; interior wall panelling and fittings, Gross & Sons; sanitary goods, A. R. & W. Cleaver Ltd.; facing bricks, Istock Brick & Tile Co.; paint, Bergers Ltd.; internal telephone system, Telephone Rentals Ltd.; heating engineers, F. C. Ward; roof lining, Eastwoods Ltd.; roof vents, Brookes Air & Heat Systems Ltd.

Factory for Haddon & Abbotts, Brandon Road, Coventry. (Page 455.) Architect: J. Roland Sidwell, A.R.I.B.A. General contractor: S. A. Eyden. Sub-contractors: steelwork, Chas. Wade & Co. Ltd.; windows, Rustproof Metal Window Co. Ltd.; heating, F. Evans & Sons Ltd.; electrical, P. D. Brady; asphalt, Limmer & Trinidad Lake Asphalt Co.; flooring, Coventry Tile Co. Ltd.; artificial stone, Longford & Midland Concrete Co. Ltd.; roofing, Fleximastic Ltd.; joinery, E. O. Shanks & Sons Ltd.; roller shutters, John Booth Ltd.; fireproof doors, John Booth Ltd.; roof lining, Peters (Contractors) Ltd.; roof beams, Concrete Ltd.

Detached House for Dr. B. D. Ustianowski, Radford Road, Coventry. (Page 455.) Architect: J. Roland Sidwell, A.R.I.B.A. General contractor: Johns (Coventry) Ltd. Sub-contractors: facing bricks, Coalville Brick Co.; joinery, E. O. Shanks & Sons Ltd.; and F. Hurton; asphalt roofing, Limmer & Trinidad Lake Asphalt Co.; glazing, Glass (Coventry) Ltd.; reconstructed stone, Coventry Concrete Co.; floor coverings and wall tiling, Coventry Tile Co.; plumbing, F. Hooper; central heating, F. C. Ward; electrical, J. Sackney.

Church Hall, Abbey Road, Whitley. (Page 455.) Architects: C. F. Redgrave & Partners. General contractor: E. Harris & Son (Coventry) Ltd. Sub-contractors: asphalt, Limmer & Trinidad Lake Asphalt Co. Ltd.; reconstructed stone, Croft Granite Brick & Concrete Co. Ltd.

Canley Methodist Church Hall, Coventry. (Page 455.) Architects: C. F. Redgrave & Partners. General contractor: E. K. Youell & Sons Ltd. Sub-contractors: wood block floors, Hollis Bros. Ltd.; asphalt, Limmer & Trinidad Lake Asphalt Co. Ltd.; reconstructed stone, Croft Granite Brick & Concrete Co. Ltd.

Offices, Evening Telegraph, Hertford Street, Coventry. (Page 456.) Architects: C. F. Redgrave & Partners. General contractor: F. G. Plumb & Sons Ltd.

Infants' School, Green Lane, Coventry. (Page 455.) Architects: C. F. Redgrave & Partners. General contractor: Gilbert-Ash Ltd. Sub-contractors: aluminium, Bristol Aeroplane Co.; reconstructed stone and beams, Constone Ltd.; flooring, Girders, asphalt, Limmer & Trinidad Lake Asphalt Co. Ltd.; heating, McPherson (Reading) Ltd.; wall tiling, Coventry Tile Co.; metal windows, Crittall Manufacturing Co. Ltd.

Housing at Bell Green, Coventry. (Page 456.) Architects: C. F. Redgrave & Partners. General Contractors: W. H. Jones & Sons Ltd., A. R. Lane Ltd., J. Gilmartin Ltd., C. F. Lewis Ltd., Hall Brothers, H. B. Randle & Son, J. G. Gray Ltd., Colman & Sons Ltd., H. R. Taylor; Sub-contractors: floors, Geo. Greenwood & Sons; electrical installation, National Electric & Engineering Co. Ltd.; tiled roofing, R. J. Wormell; balustrading, Scaffolding (Great Britain) Ltd.; floor tiling, Semtex Ltd.; composition floors, British Magnesite Co. Ltd.; wood windows (supplied by), E. O. Shanks & Sons Ltd.; paint, Vulcan Products Ltd.

Moseley Avenue Infant School, Coventry. (Page 457.) Architect: Bernard Reynier, A.R.I.B.A.; General Contractors: Thomas Bates & Sons Ltd.; Sub-contractors: reinforced concrete raft, B.R.I.A. Reinforced Concrete Co.; steelwork and concrete slabs, Hills (West Bromwich) Ltd.; flat roofs, Standard Flat Roofing Co.; heating, Ashwell & Nesbit Ltd.; floors, Hollis Bros.; floor tiles (supplied) Marley Tile Co. Ltd., (laid by) Coventry Tile Co.

Houses and Flats for the City of Coventry Housing Committee, Halls Farm Estate, Coventry. (Page 457.) Architects: Bernard Reynier, A.R.I.B.A. In collaboration with Peter Burgoine, A.R.I.B.A. General Contractors: H. Clarke & Sons, Garlicks Ltd., Coundon Builders; Sub-contractors: metal windows, James Gibbons, Henry Hope & Sons; reconstructed stone, Croft Granite, Brick & Concrete Co. Ltd.; myco floors, Geo. Greenwood & Sons; electrical, Thompson Electrical Co.; solid floor finishes, Coventry Tile Co. Ltd.; paints, etc., Walpamur Co.; Glazebrooks Ltd.; roofs, Marley Tile Co. Ltd.; joinery, J. Musson & Co.; fireplaces, A. R. & W. Cleaver Ltd.; bricks, London Brick Co. Ltd.

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AJ 8.10.53

Announcements

C. K. Capon, P. L. Cooke, M. H. Cooke-Yarborough, A. W. Cox, L. M. De Syllas, J. M. Grice and M. A. R. Powers, previously practising as Architects' Co-operative Partnership at 34, Gordon Square, W.C.1, have moved their office to 44, Charlotte Street, W.1 (Tel.: Langham 5791). They are now practising under the style of Architects' Co-Partnership.

Bronek Katz and R. Vaughan, architects, have moved to new offices at 17, Great Cumberland Place, W.1. The telephone numbers remain unchanged (Tel.: Ambassador 3740 and 1553).

Mary Tindall, A.R.I.B.A., is now in practice at 1, Bridge Street, Haddington, East Lothian, where she will be pleased to receive trade catalogues, etc. (Tel.: Haddington 256).

John Nowell Parr, F.R.I.B.A., has taken into partnership R. P. Shannon, A.R.I.B.A. The practice will continue under the style of Nowell Parr & Son, from 97, Old Brompton Road, S.W.7 (Tel.: Kensington 9266 and 8871/2).

D. Cole, A.R.I.B.A., and Olive I. Nowell, A.R.I.B.A., have moved to 17, Sheffield Terrace, W.8, where they will be pleased to receive trade catalogues, etc.

It has been decided by the Master and Court of the Worshipful Company of Plumbers to revive the travelling scholarship awarded by the Company before the War. The scholarship, however, will now be increased to the value of £100, and two scholarships will be awarded in alternate years, commencing from 1954, and thereafter in 1956, 1958, etc., etc. The object of the scholarship is to permit successful candidates to study unusually large or excep-

tionally technical plumbing works and for this purpose the company would expect the student to travel for six weeks at a minimum, probably together with his co-student, in various parts of the United Kingdom, and even abroad when travelling facilities are easier. The Company would assist such study by approaching owners or contractors to arrange for inspection of their works by the students.

The directors of Messrs. Buckton Ltd., of 63, Stockport Road, Ashton-under-Lyne, have decided to form a new company handling exclusively one side of the firm's activities—the sale of contractors' plant. The new company, under the name of Messrs. Eric Hewitt & Co. Ltd. (operating for the time being from the same address as Messrs. Buckton Ltd.) will handle all enquiries for Dixon-Hawkesworth products, the Wild-Fawcett Tower Crane, the Warry Hoist, and other types of contractors' plant, including spares and accessories.

K. R. Harris, of The Hymatic Engineering Co., Ltd., has been appointed to the position of Technical Representative for the North of England. The area includes Yorkshire, Lancashire, Stockport, Birkenhead, Durham, Westmorland, Cumberland and Northumberland.

W. T. Henley's Telegraph Works Co. Ltd. have moved their Glasgow branch to 149/153, North Street, Glasgow, C.3 (Tel.: Central 1771).

G. H. Dines and W. J. Barrett have been appointed directors of Percy Bilton Ltd., civil engineering contractors.

Harold W. Parsons, F.I.A.S., has commenced practice as a quantity surveyor at 44, Pen-y-lan Road, Roath Park, Cardiff, where he will be pleased to receive trade catalogues, etc.

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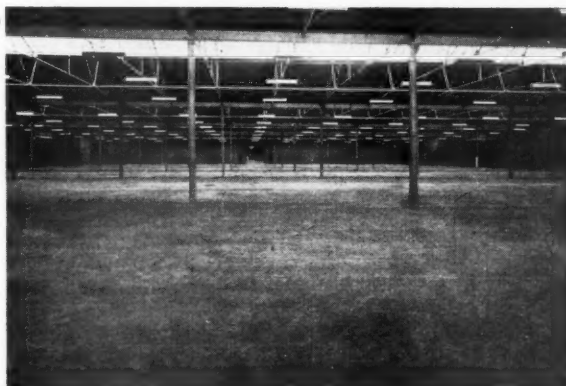
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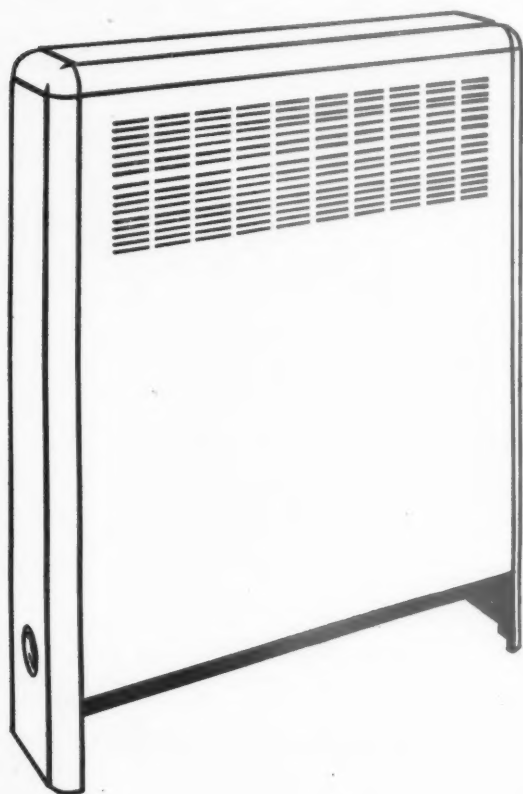
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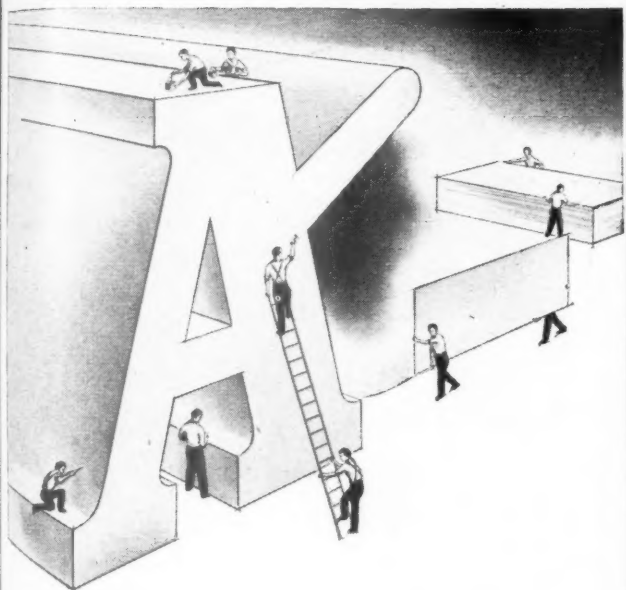
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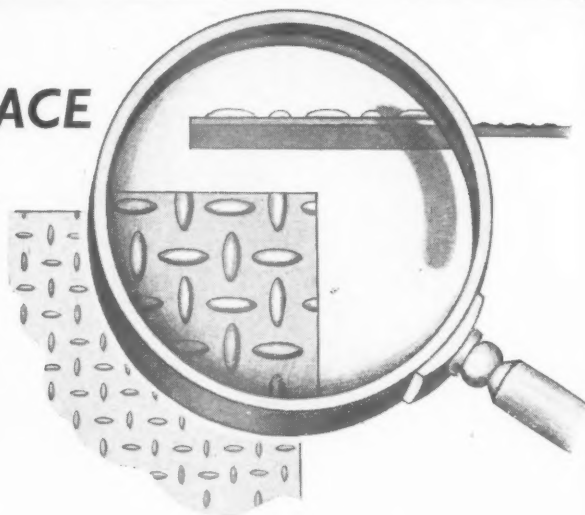


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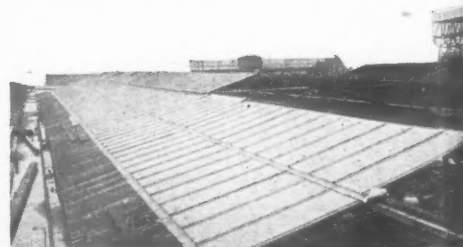
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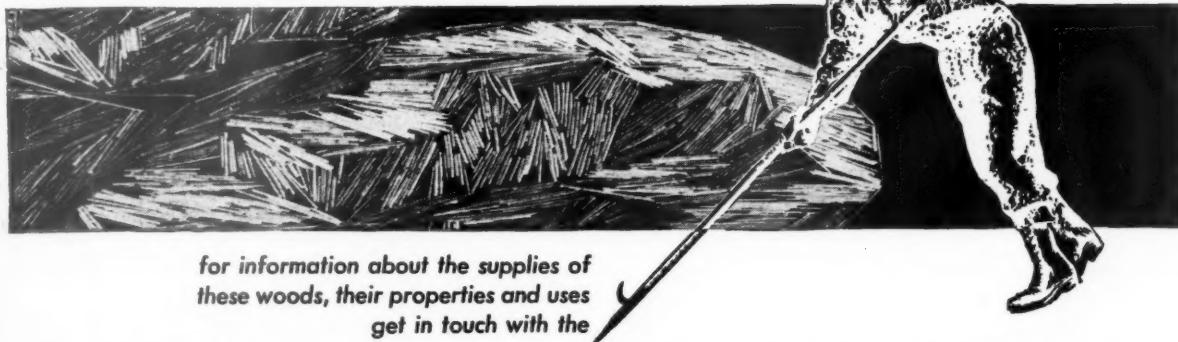
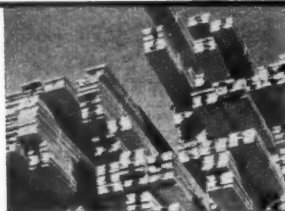
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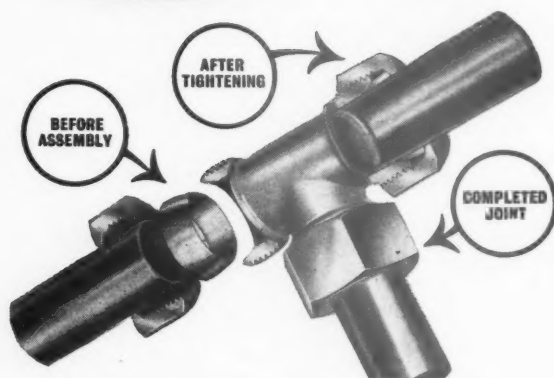
One is fire-resisting the other is not. The "Kleenflush" Door on the left has been designed to harmonise with the modern taste in decoration. It has a smooth face which matches the wooden flush doors in the general scheme. "Kleenflush" Fire-resisting Doors, because of their relatively light weight and easy operation are particularly suitable for the protection of offices and for Emergency or Panic Doors.

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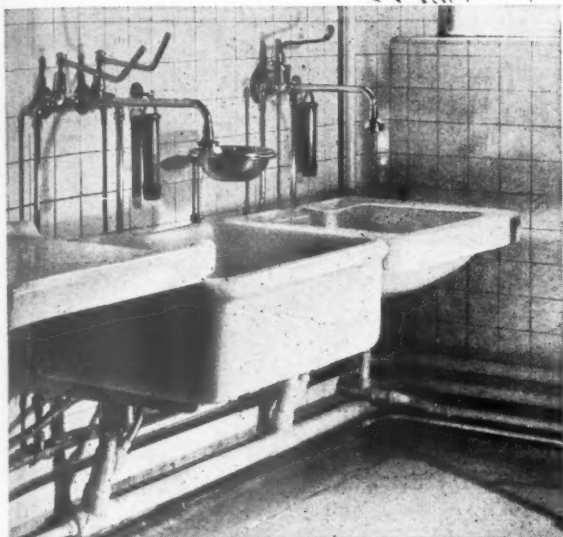
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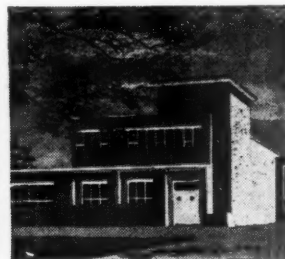
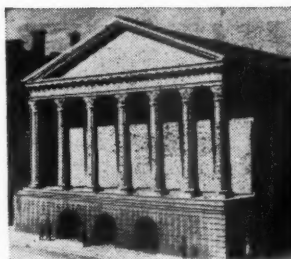
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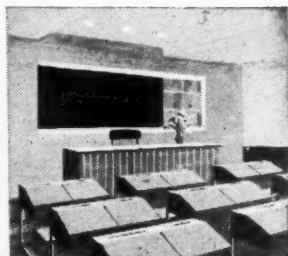
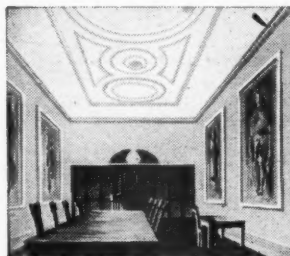
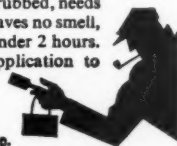
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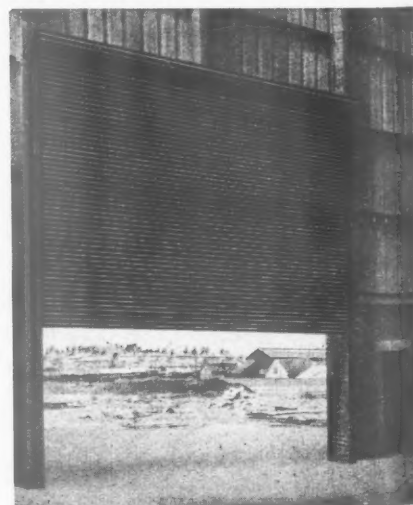


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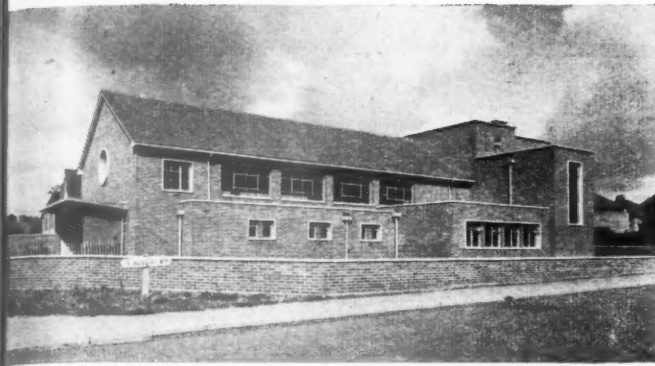
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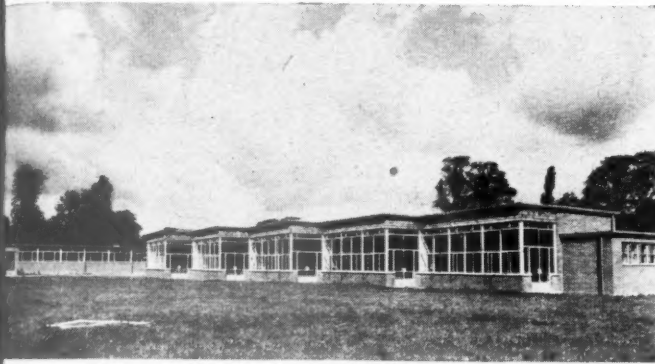
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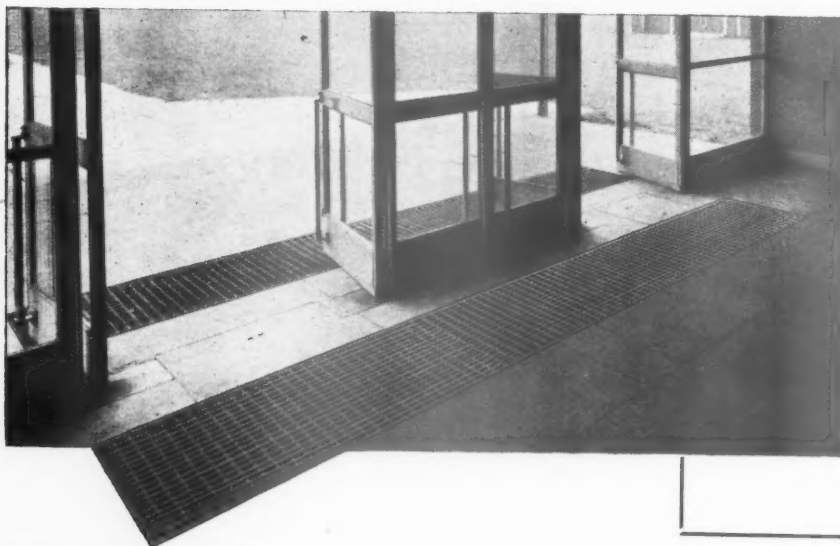
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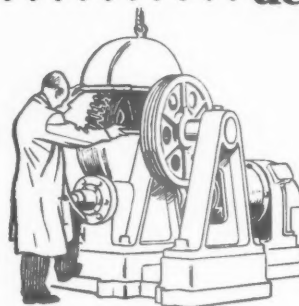
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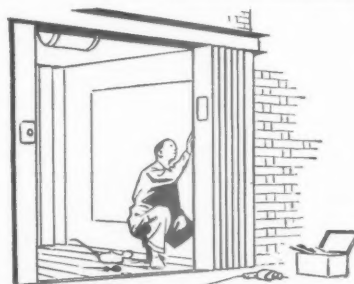
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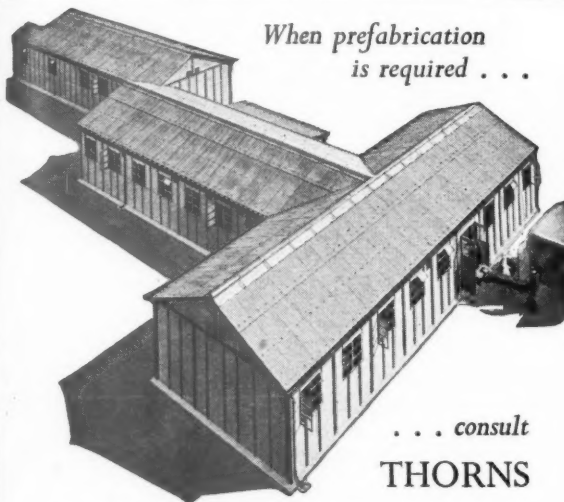
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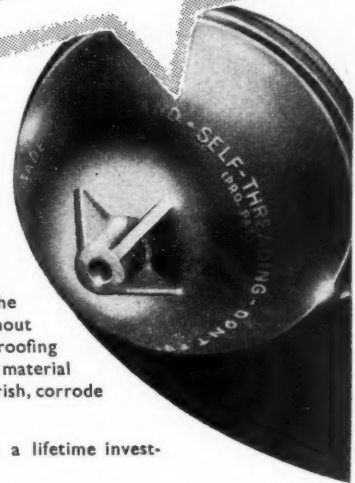
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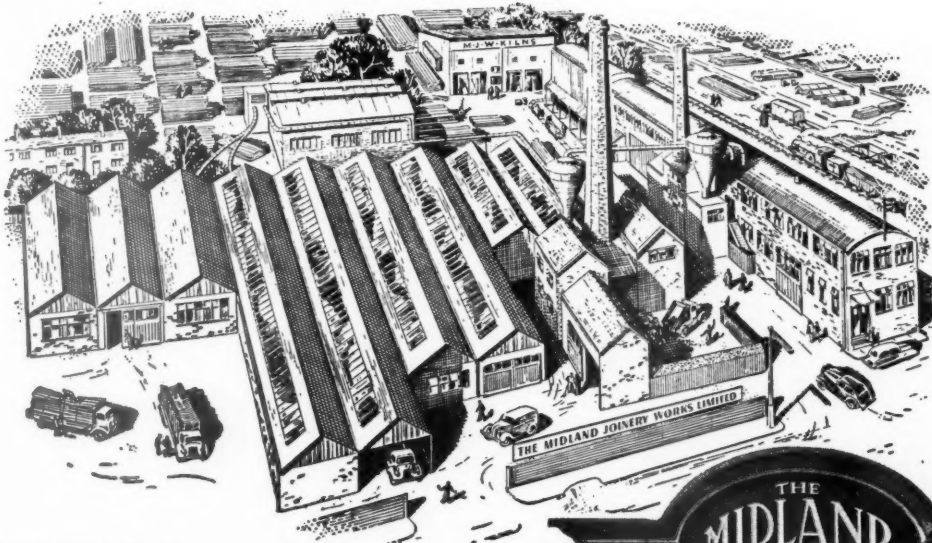
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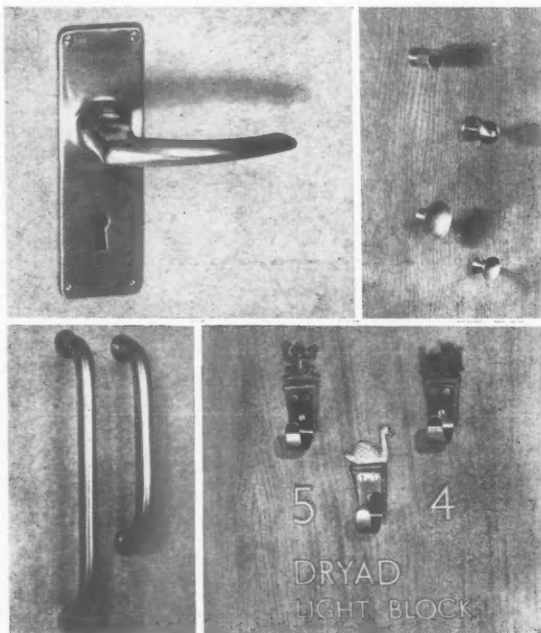
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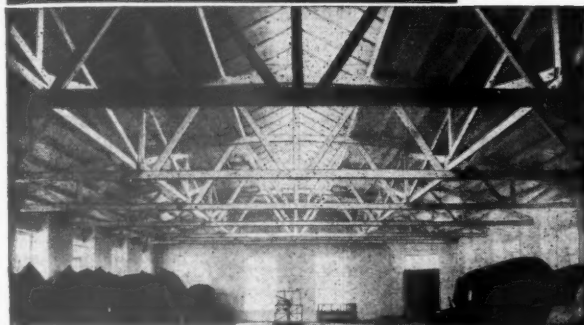


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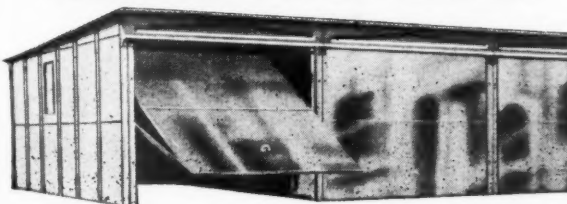
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With the present-day high cost of building materials and labour, BATLEY Multiple Concrete Garages offer tremendous economies. Employing the well-known Batley principle of tongued and grooved concrete units which are simply bolted together on a firm, level foundation, these Garages can be erected by unskilled labour in hours instead of days. Fitted with smooth-sliding, space saving Up and Over Doors as an alternative to hinged doors at no extra cost. In addition to the big saving in initial cost, Batley Garages require no maintenance—they last a lifetime without attention. They are completely fireproof, weatherproof, rotproof and vermin-proof. Wherever lock-up Garages are required—for Municipal Housing Estates, Hotels, Flats, Armed Services Camps, etc.—it will pay you to investigate.

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No. of Garages	Size	Clear Height	Total Cost
2	16ft. 3in. x 16ft. 4in.	6ft. 3in.	£125-0-0
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6	48ft. 3in. x 16ft. 4in.	6ft. 3in.	£345-0-0
9	72ft. 3in. x 16ft. 4in.	6ft. 3in.	£510-0-0
12	96ft. 3in. x 16ft. 4in.	6ft. 3in.	£675-0-0

Plus £55 per additional garage to any number required in one block. Also available with a clear height of 7ft. 9in., an alternative length of 19ft. if required.

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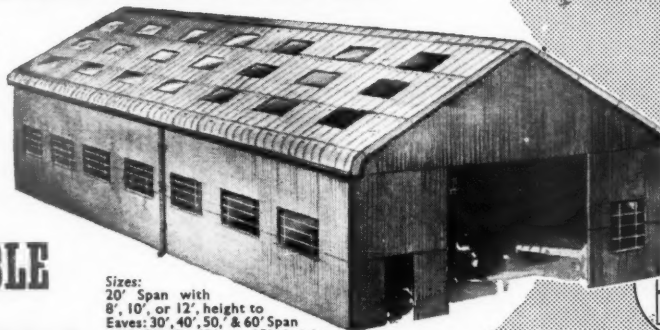
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CLASSIFIED ADVERTISEMENTS

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

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

Public and Official Announcements

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

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

LONDON COUNTY COUNCIL.

Vacancies for ARCHITECTS (A.R.I.B.A.) in the Housing and Schools Divisions (a) Grade II (£837 10s.—£1,002); (b) Grade III (up to £837 10s.). Application forms, for return by 21st October, and particulars from Architect (AR/EK/H&S/2), County Hall, S.E.1. (1039). 9616

CHESHIRE COUNTY COUNCIL.

CHIEF PLANNING ASSISTANT (Architectural) required at Headquarters Office in Chester. Salary: A.P.T. IX (£435-£440-£455). Candidates should be qualified Architects, and membership of the Town Planning Institute in addition, would be an advantage. Considerable experience in detailed planning of housing estates, neighbourhood units and re-development areas, is essential. Application forms and further details may be obtained from the undersigned receipt of a stamped addressed foolscap envelope. The last date for receipt of completed applications is 24th October, 1953.

KENNETH O. MALE,

County Planning Officer.

Bridgwater House,
Lower Bridge Street, Chester. 9624

LONDON COUNTY COUNCIL.

ARCHITECT'S DEPARTMENT.
Vacancies for (a) PLANNING OFFICERS Grade II (£837 10s.—£1,002); (b) PLANNING OFFICERS Grade III (up to £837 10s.); (c) TECHNICAL ASSISTANTS (up to £696). Professional qualifications A.R.I.B.A., A.R.I.C.S. and/or A.M.T.P.I. required. Application forms returnable by 23rd October, and particulars from Architect (AR/EK/P/4), County Hall, S.E.1. (1036). 9620

BUCKINGHAMSHIRE.

Applications are invited from ARCHITECTS to fill the following permanent posts, and to work on a large and interesting building programme, including traditional and new building techniques:—

Special, Grade I: £925-£1,075 p.a.
A.P.T., Grade IX: £815-£935 p.a.
(Applicants for the above posts should have outstanding design ability.)
A.P.T., Grade VII: £710-£785 p.a.
A.P.T., Grade II: £495-£540 p.a.
A weekly allowance of 25s. and return fare home once every two months may be paid for six months to newly appointed married officers of the Council unable to find accommodation.
Applications on form supplied (giving further particulars of post) to be returned not later than the 31st October, 1953.

FREDERICK POOLEY,

County Architect.

County Offices, Aylesbury. 9613

NATIONAL COAL BOARD.

Applications are invited for the following appointments in the office of the Divisional Architect, National Coal Board, Northern (N. & C.) Division:—
ARCHITECT (Grade I). Salary scale: £900 × £35 to £1,200.

Applicants must be Associates of the R.I.B.A., with at least five years' office experience, after qualification, in the design and administration of large building schemes, and able to take charge of a new section now being formed.

ASSISTANT ARCHITECT (Grade II). Salary scale: £600 × £25-£650 × £30-£900.

Applicants must be Associates of the R.I.B.A., capable of carrying out all work required for large building schemes.

ARCHITECTURAL ASSISTANT (Grade I). Salary scale: £525 × £25 to £650.

Applicants must be students of the R.I.B.A., with experience in preparation of working drawings under supervision.

Starting salaries according to qualifications and experience.
Applications, stating age, training and full details, including salaries of past and present appointments, and clearly indicating for which post application is made, should be submitted not later than 26th October, 1953, to: Establishments Officer, National Coal Board, Northern (N. & C.) Division, Ellison Buildings, Ellison Place, Newcastle-upon-Tyne, 1. 9647

SOUTHAMPTON C.R.C.

Appointment of SENIOR ASSISTANT PLANNING OFFICER, Grade VII (£710-£785 p.a.). Application forms from Borough Architect, Civic Centre, Southampton, to be returned by 21st October, 1953. 9609

METROPOLITAN BOROUGH OF LEWISHAM.

Applications are invited from suitably qualified candidates for the post of ASSISTANT ARCHITECT. Salary scale: A.P.T. IV-VI (£555, rising to £735 p.a., plus London weighting), varying between £10 and £30 p.a., according to age.
Forms of application and further particulars from the Town Clerk, Lewisham Town Hall, London, S.E.6. Closing date: 24th October, 1953. 9654

MIDDLESEX COUNTY COUNCIL—COUNTY PLANNING DEPT.

PRINCIPAL PLANNING ASSISTANT (A.P.T., VII, £790, rising to £865 p.a.), required in the Headquarters Section. Candidates should have full qualifications in planning and architecture, and good experience of town design. Must also be capable of controlling staff working on statistical and territorial analysis. Established, pensionable, subject to medical examination and prescribed conditions. Application forms (stamped addressed envelope foolscap) from County Planning Officer, 10, Great George Street, S.W.1, by 24th October (quoting M.553 A.J.). Canvassing disqualifies. 9653

CLIFFORD RADCLIFFE,

Clerk of the County Council.

COUNTY BOROUGH OF DARLINGTON.
BOROUGH'S ARCHITECT'S DEPARTMENT.
Applications are invited for appointments as follows:—

ONE ASSISTANT ARCHITECT. Salary grade, A.P.T. VI.

ONE ASSISTANT QUANTITY SURVEYOR. Salary grade: A.P.T. I.

The Department is dealing with Education work (including large Secondary Schools and New Technical College), Housing, and other general work.

Applicants for the Architectural post must have had previous experience, preferably on education work. A member of the R.I.B.A. will receive preference.

Applicants for the Quantity Surveyor's post should be experienced in the preparation of Bills of Quantities, Interim Valuations, and the settling up of Final Accounts.

Applications, giving age, qualifications, present appointment and salary, previous appointments with dates and salary, together with the names and addresses of three referees, to be sent to E. A. Tornbohm, A.R.I.B.A., A.M.T.P.I., Borough Architect, Central Buildings, Darlington, not later than the 17th October, 1953.

H. HOPKINS,

Town Clerk.

ARCHITECTURAL ASSISTANTS required by the Government of Kenya for one tour of thirty-six months in the first instance. Salary, etc., according to age and experience in scale £904 rising to £1,134 a year. Outfit allowance £30. Gratuity, equal to 13½ per cent. of total substantive salary earned, payable on satisfactory completion of service. Free passages. Liberal leave on full salary. Candidates, not over 40 years of age, must be capable of working up sketch designs and preparing full working drawings for various types of Government buildings. Actual experience in an architect's office, and a sound knowledge of building construction are essential. Write to the Crown Agents, 4, Millbank, London, S.W.1. State age, name in block letters, full qualifications and experience and quote M2B/30111/A. 9688

DERBYSHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited from architects to fill the following appointments on the permanent staff:—

(a) ARCHITECTURAL ASSISTANT on A.P.T. Grade III (£525 × £15 to £570 p.a.) for duties in connection with the General Education Section dealing with the extension, improvement and maintenance of school buildings.

(b) ASSISTANT ARCHITECT on A.P.T. Grade V (£595 × £15(2) and £20 to £645 p.a.) for duties in the New Schools Section of the department.
Forms and particulars to be obtained by October 17th from F. Hamer Crossley, County Architect, St. Mary's Gate, Derby. 9687

GOVERNMENT OF NORTHERN IRELAND.

MINISTRY OF FINANCE—

DIRECTORATE OF WORKS.

ARCHITECTURAL ASSISTANTS.
Applications for unestablished posts are invited from Architectural Assistants with recognised training and fair experience. Successful candidates will be eligible for appointment to pensionable posts from time to time and to a higher grade on obtaining professional qualifications.

Salary: Up to £628 p.a.; starting pay according to age, qualifications and experience.
Preference will be given to candidates who have served with H.M. Forces in wartime, providing that such candidates are, or within a reasonable time will be, able to discharge the duties efficiently.

Applications, giving date of birth, full details of training and qualifications, should be sent to the Director of Establishments, Ministry of Finance, Stormont, Belfast. 9685

COVENTRY CORPORATION require ASSISTANT ARCHITECT, A.P.T. VI (£670-£735), plus £26 p.a. (men), £19 10s. p.a. (women), local award in approved circumstances on salaries under £725. Application forms and conditions from City Architect, Bull Yard, Coventry, to be returned by 24th October. 9656

ARMY APPRENTICES' EXAMINATION

3rd DECEMBER, 1953.

Free Apprenticeships are now being offered at Army Apprentices' Schools for boys between 14 and 16 years 8 months. Free board and lodging, pay and allowances start from the first day at school. Kit and clothing issued free. Extensive facilities exist for sport and hobbies whilst learning a skilled trade (36 to choose from) and there are 8 weeks paid holiday a year, with free travel home.

Next entry examination (which may be taken at 14½) will be held on 3rd December, 1953.

For details apply to your nearest Army Recruiting Office, or write to War Office (AG10/R24) London, S.W.1. 9684

WEST SUFFOLK COUNTY COUNCIL.

JUNIOR ARCHITECTURAL ASSISTANT, N.J.C. service conditions. Salary: £465-£540 A.P.T. I-II. Post pensionable; medical examination. Applicants should be Probationers of the Royal Institute of British Architects, with not less than two years' office experience.

Application forms, obtainable from the Clerk of the County Council, Shire Hall, Bury St. Edmunds, to be returned by 23rd October, 1953. 9655

CITY ARCHITECT'S DEPARTMENT.

MANCHESTER.
Applications are invited for the appointment of an ARCHITECTURAL ASSISTANT. Salary: A.P.T. Grade III, £525 to £570 per annum.

Candidates must be students R.I.B.A.

Further particulars and forms of application may be obtained from the City Architect, Town Hall, Manchester, 2. The forms to be returned to the same address by 24th October, 1953.

Canvassing is prohibited. 9696

BRITISH ELECTRICITY AUTHORITY.

EAST MIDLANDS DIVISION.
Applications are invited for the following positions within the Division:—

CIVIL ENGINEERING DRAUGHTSMEN, Construction Department. (Vacancy No. 22/53.)

Candidates should have experience in design and detail of reinforced concrete structures, piled and slab foundations for heavy plant, culverts, cable substations, etc., for general building construction drainage and sanitation schemes, associated with office and administrative buildings.

The salary will be in accordance with Grade 5 (£557-£571 per annum) or Grade 6 (£433-£567 per annum) of Schedule D of the National Joint Board Agreement.

ENGINEERING DRAUGHTSMEN (MECHANICAL), Construction Department. (Vacancy No. 44/53.)

Senior Draughtsmen are required in the Mechanical Section of the Construction Department at North Wold Power Station. Candidates should have experience in one or more of the following:—

(i) Design and layout of Power Station equipment, including Turbo-alternators, boiler plant, coal and ash plant, and general station auxiliaries.

(ii) H.P. and L.P. steam and feed pipework. Condensing plant and feed heating systems.

(iii) Conveyor plant, coal handling systems, and material handling of station auxiliary equipment.

Salary and conditions of service will be in accordance with the National Joint Board Agreement, Grade 5 (£557-£571 per annum) and Grade 6 (£433-£567 per annum) of Schedule D, according to experience.

ENGINEERING DRAUGHTSMEN (ELECTRICAL), Construction Department. (Vacancy No. 61/53.)

Candidates should have experience in the preparation of layouts and diagrams for the installation of E.H.T. and L.T. Switchgear, transformers, E.H.T. and L.T. cables; knowledge of protective gear systems would be an advantage.

The salary will be in accordance with Grade 5 (£567-£571 per annum) or Grade 6 (£433-£567 per annum) of Schedule D of the National Joint Board Agreement.

The above positions will be pensionable within the provisions of the British Electricity Authority and Area Boards Superannuation Scheme.

Applications should be submitted on the official form, which may be obtained from the Divisional Establishments Officer, British Electricity Authority, Barker Gate, Nottingham, and should be returned to the undersigned. Please quote Vacancy Number.

L. F. JEFFREY,

Divisional Controller.

WELWYN GARDEN CITY AND HATFIELD

DEVELOPMENT CORPORATIONS.

ASSISTANT QUANTITY SURVEYOR.

Applications are invited for the appointment of Assistant Quantity Surveyor, at a commencing salary of £800 per annum.

Applicants should be experienced in taking off quantities and in the preparation of Bills of Quantities, Estimates, Certificate Valuations, and Final Accounts for all types of buildings.

Preference will be given to Members of the Royal Institution of Chartered Surveyors.

The appointment is superannuable and terminable by one month's notice on either side.

The successful applicant will be assisted in obtaining housing accommodation, if required.

Applications, giving age, qualifications, and full details of present and past experience, salaries and appointments held, together with the names and addresses of three persons to whom reference may be made, should be addressed to the General Manager at 4, Wigmore South, Welwyn Garden City, Herts., and received not later than 23rd October, 1953. 9683

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AIR MINISTRY WORKS DEPARTMENT requires **ARCHITECTURAL ASSISTANTS** in Design Branch. Applicants should be experienced in the planning and preparation of working drawings and details for permanent and semi-permanent buildings. Professional qualifications an advantage. Vacancies mainly London, few Provinces. Appointments carry liability for overseas service, for which allowances are payable. Salaries: £623 to £735 p.a., starting pay dependent upon age, qualifications, and experience. Extra duty allowance payable. Reasonable prospects of promotion. Post temporary, but many have long term possibilities, and competitions are held periodically to fill established vacancies. Apply, quoting BB, and stating age, qualifications, and previous appointments, giving dates and stating type of work done, to Air Ministry, S.2(h)/NA, Cornwall House, Stamford Street, London, S.E.1. 9498

GLOUCESTERSHIRE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited for the appointments of **ASSISTANT ARCHITECTS** on A.P. & T. Grade V (£595-£645 per annum). Candidates must be qualified members of the R.I.B.A.
The appointments will be subject to the Local Government Superannuation Act, 1937, and will be terminable by one month's notice on either side. The successful applicants will be required to pass a medical examination before appointment.
Applicants should state whether or not they possess a motor car and/or hold a driving licence.
Applications, stating (1) name and address, (2) married or single, (3) age, (4) qualifications, (5) present position, salary and date of appointment, (6) previous positions with dates and salaries, (7) names and addresses of two persons to whom references can be made, should be sent to the County Architect, Shire Hall, Gloucester, not later than Thursday, the 22nd October, 1953.

GUY H. DAVIS,
Clerk of the County Council. 9690
Shire Hall, Gloucester.

THE NORTH-WESTERN ELECTRICITY BOARD.
APPOINTMENT OF GENERAL ASSISTANT ENGINEER (TEMPORARY), (QUANTITY SURVEYING ASSISTANT), CONSTRUCTION SECTION-CHIEF ENGINEER'S DEPARTMENT.

The duties will consist of general assistance in the preparation of Bills of Quantities, and particularly in abstracting, billing and site measurements, and in taking off and preparing final accounts.

The appointment will be for a minimum period of 18 months, with a possible month by month extension thereafter.

Preference will be given to applicants who have passed or are about to enter for the Intermediate Examination of the R.I.C.S.

Salary scale: £501-£639 p.a. Grade AX.8. N.J.B. Conditions.

Applications to the Establishment Officer, The North-Western Electricity Board, Cheetwood Road, Manchester, 8, by 17th October, 1953. 9682

CITY OF SHEFFIELD.
RESIDENT ENGINEER, COLLEGE OF TECHNOLOGY AND COMMERCE.

Applications are invited for this appointment to supervise the foundation and superstructure contracts for the above building, under the direction of Messrs. Gollins, Melvin, Ward & Partners, Chartered Architects of London, in association with the City Architect (Mr. J. L. Womersley).

The salary will be £1,000 per annum.

Candidates must have considerable experience of large scale structures in City areas involving site excavation, shoring, reinforced concrete and steelwork erection. Only applicants possessing such experience and a recognised examination qualification will be considered.

The post is established for the duration of the Contract, which may be several years, but the appointment will be subject to one month's notice on either side.

Applications, stating age, qualifications, present and past appointments (with dates and salaries), experience, and the names of two referees, should reach the undersigned by the 19th October, 1953.

JOHN CHEYS,
Town Clerk. 9677
Town Hall, Sheffield, 1.

FIFE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited for the following appointments in the above Department:

(a) **ARCHITECTURAL ASSISTANT** on salary scale £550 by two of £550 and three of £30 to £390 per annum. Candidates should be qualified architects holding A.R.I.B.A. and registered architects. Previous Local Authority experience an advantage.

(b) **ARCHITECTURAL DRAUGHTSMAN** on salary scale £435 by £20 to £535 per annum. Candidates must be quick and accurate draughtsmen and preference will be given to applicants who have had experience in an Architectural Drawing Office.

Candidates for both appointments may be considered for admission to the County Council's Superannuation Scheme subject to their passing a medical examination. Applications stating age, experience, qualifications and post applied for, together with copies of recent testimonials to be lodged with the undersigned not later than 13th October, 1953.

MATTHEW POLLOCK,
County Clerk. 9661
County Buildings, Cupar, Fife.
29th September, 1953.

COUNTY BOROUGH OF DONCASTER.
BOROUGH ARCHITECT'S DEPARTMENT.
Applications are invited for the appointment of an **ARCHITECTURAL ASSISTANT**, Grade A.P.T. VI (£670 × £20 × £20 × £25-£735). Applicants must be Associates R.I.B.A. and have had good experience in the preparation of sketch schemes and working drawings. Experience in school design will be an advantage.

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

Forms of application can be obtained from the Borough Architect, Mr. J. Tucker, A.R.I.B.A., F.I.H.S., 15, South Parade, Doncaster, and must be returned to the undersigned not later than 12 noon Monday, the 2nd November, 1953.

Canvassing, directly or indirectly, will be a disqualification.

H. R. WORMALD,
Town Clerk. 9679
1, Priory Place, Doncaster.
October, 1953.

NATIONAL COAL BOARD.
A vacancy exists for a **SUBSISTENCE OFFICER** to control and supervise the work of subsistence repair in an Area of the West Midlands Division. Candidates should preferably be Chartered Architects or Chartered Surveyors (Building Section), and have experience in the control of building repair work done by direct labour and outside contractor, and some knowledge of office administration. Experience in the restoration of property under the Coal Mining (Subsidence) Act, 1950, will be an advantage. Salary according to experience and qualifications.

Applications, stating age, qualifications and experience, should be addressed to the Divisional Establishment Officer, National Coal Board, West Midlands Division, Himley Hall, Dudley, Worcs. 9642

METROPOLITAN BOROUGH OF ST. MARYLEBONE.

ARCHITECTURAL ASSISTANT required for Housing Department. Salary between Grade A.P.T. II (£495-£540) and Grade A.P.T. V (£595-£645), plus weighting, according to qualifications and experience as defined in National Scheme of Conditions of Service. Should have experience in design of housing, preferably multi-storey flats. Appointment subject to National Scheme of Conditions of Service, medical examination and Council's Superannuation Scheme.

Applications, stating age, qualifications, experience and positions held, with names of three referees, to Town Clerk, Town Hall, St. Marylebone, W.1, by Monday, 19th October, 1953. Canvassing disqualifies. Housing accommodation not be provided. 9667

WESTMINSTER CITY COUNCIL (Housing Department) require Assistant for Drawing Office. Salary in accordance with Gen. Div. and Grades A.P.T. I and III (maximum £570) plus London "weighting" (maximum £30 per annum) according to qualifications and experience. Duties include making surveys and preparing drawings and specifications for building alteration works. Must be neat and accurate draughtsman. Applicants should be entering for the examination of either R.I.C.S. (Building) or R.I.B.A. Knowledge of estimating, London Building Acts and Bye-Laws an advantage.

Applications detailing experience, etc., with two copy testimonials to Town Clerk, City Hall, Charing Cross Road, W.C.2, by 14th October, 1953. 9666

CITY OF NOTTINGHAM.
CLERK OF WORKS.

Applications are invited for the position of Clerk of Works in the City Engineer's Department. Salary-Grade Misc. 5, i.e. £480 rising to £540, commencing salary according to applicant's capabilities.

Applicants should be experienced in the supervision of the construction of building work, and/or building maintenance, and capable of preparing Bills of Quantities and Specifications for minor repair work.

The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, as amended by Part XI of the Nottingham Corporation Act, 1952. The successful candidate will be required to pass a medical examination.

Applications are to be made on forms to be obtained from R. M. Finch Esq., O.B.E., M.I.C.E., City Engineer and Surveyor, Guildhall, Nottingham, to whom they should be returned not later than Friday, 30th October, 1953.

T. J. OWEN,
Town Clerk. 9665
Guildhall, Nottingham.

LONDON COUNTY COUNCIL.
ARCHITECT'S DEPARTMENT.

MAINTENANCE ASSISTANTS in Maintenance Division. Applicants should be capable of carrying out inspections and surveys of all types of buildings for maintenance repairs, redecoration and minor alterations, and have experience in preparation of estimates based on Schedule of Prices, specifications for an superior of work carried out by either schedule contracts or direct labour. Salary £480-£560 according to experience with opportunities of promotion to higher grades for suitably qualified assistants.

Application form, returnable by 31st October, from Architect (AR/EK/MA/2), County Hall, S.E.1. (1064). 9662

BOROUGH OF RADCLIFFE.
APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the above-mentioned permanent appointment, at a salary in accordance with A.P.T. Grade III.

The person appointed must be experienced in the preparation of plans, specifications, etc., for housing, public buildings and general municipal work, and must have a thorough knowledge of present day building.

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

A Council house will be made available if required.

Applications, stating age, qualifications and experience, and the names of two persons to whom reference may be made, must be received not later than the first post Saturday, 17th October, 1953.

Canvassing will be a disqualification.

H. A. FOX,
Town Clerk. 9664
Town Hall, Radcliffe, Lancs.
30th September, 1953.

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

Applications are invited for the following appointments in the Architects' Section of the Borough Surveyor's Department:—

(a) **SENIOR QUANTITY SURVEYOR**, Grade A.P.T. VII (£710 × £25-£785).

(b) **ASSISTANT QUANTITY SURVEYOR**, Grade A.P.T. V (£595 × £15 × £15 × £20-£645).

The Corporation's building programme comprises mixed development of houses, maisonettes and flats, shopping centres, development on Central Clearance Areas for multi-storey flats, and general building works for all committees.

Candidates for appointment (a) should be a Chartered Quantity Surveyor, possess a thorough knowledge of building contract procedure, and have administrative ability; be experienced in preparation of estimates, preparing specifications and bills of quantities; valuation for interim certificates and settling final accounts for all types of local authority building contracts.

Appointment (b) applicants should preferably be qualified Quantity Surveyors, and have had considerable practical experience in the preparation of bills of quantities.

The appointment will be superannuable and subject (a) to the Conditions of Service of the National Joint Council for Local Authorities' Administrative, Professional, Technical and Clerical Services, and (b) to the successful candidate passing a medical examination.

Applications, giving particulars of age, qualifications and experience, together with the names of two referees, should be delivered to the undersigned not later than Monday, 26th October, 1953.

Housing accommodation will be available to married applicants if this is required.

KENNETH PEARCE,
Town Clerk. 9697
Municipal Buildings, Oldbury.

WARE RURAL DISTRICT COUNCIL.

ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of an Architectural Assistant in the Surveyor's Department. Salary within range Grade VI-VII, A.P.T., according to qualifications, etc. Car allowance £152 9s. per annum. Housing accommodation available, if required.

Full particulars and forms of application may be obtained from the Surveyor at the address below. Applications for appointment will be received not later than 27th October 1953.

E. J. HOWLETT,
Clerk of the Council. 9698
97, New Road, Ware, Herts.
2nd October, 1953.

Architectural Appointments Vacant

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

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she is, or the employment, is exempted from the provisions of the Notification of Vacancies Order, 1952.

ASSISTANT required for large general Architectural Practice with offices in Maidenhead. Some experience in specification writing essential. Salary £300 to £500, according to experience. Box 8933.

QUALIFIED R.I.B.A. and Registered ASSISTANT ARCHITECT required by British Railways for service in Architect's Office, Euston. Applicant must be competent to carry out work from the scheme to contract stage with minimum of supervision. Commencing salary: £612 5s. Certain residential and free travelling facilities available. Apply Civil Engineer, British Railways, London Midland Region, Euston Grove, London, N.W.1. 9678

ARCHITECTURAL ASSISTANT required, mainly in connection with large scale maintenance, but including some new building work. Candidate should have good general experience and be about 30 years of age. Commencing salary according to qualifications and experience. Applications should be made in writing, giving full particulars, to Managing Director, Cable and Wireless, Ltd., Electra House, Victoria Embankment, London, W.C.2. 9618

FOWLER, GROVE & HAGGAR, Chartered Architects, 140, Lodge Road, Southampton, require Junior Assistant. Salary according to qualifications and experience. 9569

VACANCY arises for Articled Pupil (Architectural or Building Surveying) in City firm. Box 9468.

ARCHITECT'S ASSISTANTS, Intermediate stage, required in Central London. State age, training and experience, and salary required. Box 9644.

ARCHITECTURAL ASSISTANTS, intermediate standard, required urgently for interesting large scale contemporary work. Send full details to Edward D. Mills, 16, Carlisle Street, Soho Square, W.1. 9645

VACANCY for fully qualified ARCHITECTURAL ASSISTANT. Quick draughtsman especially on production of working drawings and details. Competent to supervise contracts up to £50,000. London Office central district, chiefly engaged on Church and School work and restoration Historical Monuments. Salary £700/£800 according to experience and personality. Box 9646.

ASSISTANT required with at least Intermediate R.I.B.A. for general London practice. Office experience essential, salary £400-£500. Apply CHA 7328. 9651

ARCHITECTURAL ASSISTANT required by firm of Architects and Consulting Engineers with offices in Chelmsford, London and Cambridge, engaged on large scale industrial projects and housing redevelopment schemes. Quick, neat and accurate draughtsman with at least five years' office experience and interested in contemporary design. Good prospects for keen man in rapidly expanding practice. Must have completed National Service commitment. Write giving age, details of experience and salary required to: E. R. Collister, A.A.Dipl., A.R.I.B.A., 67, London Road, Chelmsford, Essex. 9652

ARCHITECTURAL ASSISTANT, Inter R.I.B.A. standard required in Reading office of Chartered Architects. Applicant must be capable of preparing working drawings, details and specifications. Salary £350 to £500. All details to Box 9650.

TAYLOR & YOUNG require one ARCHITECTURAL ASSISTANT, practical experience essential, salary by arrangement, apply in writing to 195, Oxford Road, Manchester, 13. 9649

ARCHITECTURAL ASSISTANT required for busy office in Home Counties. Good salary to suitable applicant. Reply Box 9669.

ARCHITECTURAL DRAUGHTSMAN required for busy office in Home Counties. Good salary to suitable applicant. Reply Box 9670.

QUALIFIED, or near qualified, ASSISTANT required by progressive firm of Country Architects in Cornwall. Must have had experience of post-war School design. Appointment will be in the first place be for 4 months only. Box 9671.

YOUNG Midland office-trained ASSISTANT required for Norfolk office. Car driver; competent Surveyor, Draughtsman and Detailer. Knowledge of Final Accounts a distinct advantage. Apply with details of experience and salary required to Box 9675.

ARCHITECTURAL ASSISTANT required for work in connection with industrial construction. Opportunities for individual ability and initiative will be provided. A full scale superannuation scheme is in operation. Salary will in the first place be in accordance with experience and qualifications, but will be under constant review for adjustment in accordance with proved ability. Applicants are asked to send details of experience and to state when available for interview in Manchester to C. S. Allott & Son, Consulting Engineers, 1, North Parade, St. Mary's Parsonage, Manchester, 3. 9674

SENIOR ASSISTANT ARCHITECT or Surveyor required to take charge of administrative side of busy architect's office in London. Good salary. Apply stating age, salary required, qualifications and experience to Box 9686.

ARCHITECTURAL ASSISTANT required with practical experience, knowledge of contract work, surveys, etc., varied work, mainly industrial. George Watt, A.R.I.B.A., Merton Park, S.W.19. Tel. Liberty 8181/2. 9680

CHARTERED ARCHITECT with office in Harrow requires capable young assistant. Box 9693.

Architectural Appointments Wanted

ARCHITECTURAL ASSISTANT seeks situation London area. Experienced several years. Box 777.

SENIOR ASSISTANT (late 40's), in administrative posts over last 15 years, seeks London engagement (not c/w). Own car. Salary £850. Box 771.

ASSISTANT ARCHITECT (30), 14 years' varied experience in general practices, mainly industrial, accurate, speedy draughtsman, seeks post, S.W. counties. Box 771(a).

CHARTERED ARCHITECT, with 19 years' experience in general practice, domestic, commercial and industrial work, war damage and conversions, handling of contracts, site supervision, etc., seeks responsible post. Box 773.

A.R.I.B.A., aged 27, interested in contemporary design with three years' varied experience, requires post in a London office at salary of £570 per annum. Phone FUL 9378. 766

EXPERIENCED ARCHITECTURAL ASSISTANT, L.R.I.B.A. (40) 20 years' experience, seeks permanent position in London or Southern Counties. Car owner. Apply Box 776.

REGISTERED ARCHITECT, School Trained (27) has four years' comprehensive experience with responsibility in Private Practice, now requires alternative position offering good prospects. Accommodation facilities appreciated. Box 9658.

CHIEF ASSISTANT A.R.I.B.A. with 14 years' experience of all types and sizes of contracts from sketch plans to final accounts and accustomed to full charge of private offices, seeks new appointment with prospects of advancement or partnership. Present salary £810. Own car. Willing to move anywhere in Britain and to arrange own housing accommodation. Box 9660.

ARCHITECTURAL DRAUGHTSMAN, Student Divina Proportione, seeks post as Assistant to experienced designer. Headwork appreciated and preferred. Box 9692.

ASSISTANT, neat draughtsman, having comprehensive experience, requires position where enthusiasm and imagination appreciated and scope for personal expression in good contemporary work allowed. Interested landscape design. Preferably in S. or S.E. Excellent references. Car driver. Single. Kindly reply Box 780.

A.R.I.B.A. (age 43) seeks appointment or Partnership in Southern England. General experience and excellent testimonials. Box 779.

ASSISTANT (26), passed Finals, 5 years' industrial and domestic experience prior to Inter., last two years day student, accurate and speedy draughtsman, seeks position in contemporary office. London and N.W. area. Box 778.

SENIOR ASSISTANT (35) desires post London area. 15 years' varied experience all branches of the profession. Neat, accurate, quick draughtsman. Surveys, working drawings, details, perspectives. Rough sketch to contract drawings. Site supervision, levelling, specifications, etc. Industrial buildings, schools, hospitals, flats and housing. Conversions, estate layout, multi-storey buildings, etc. Excellent testimonials. Salary: £700 per annum. Box 781.

Other Appointments Vacant

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

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

A LONDON Company requires a TECHNICAL ASSISTANT in the Surveyors' Department, with a knowledge of War Damage and building construction. Applicants must be good draughtsmen, and preference will be given to those with a knowledge of Town Planning and the Building Acts. Apply Box 9688.

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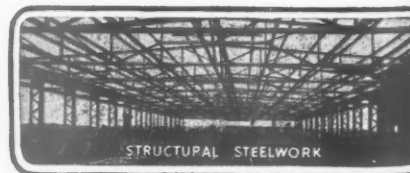
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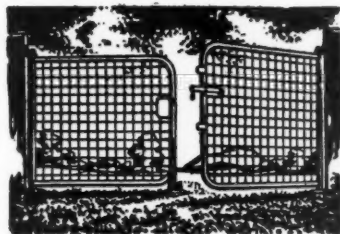
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Alphabetical Index to Advertisers

Adams, Robt. (Victor), Ltd.	PAGE cxi	Falk Stadelmann & Co., Ltd.	PAGE 1	Nu-Swift, Ltd.	PAGE cix
Adamseiz, Ltd.	lxlii	Farrer, Wm. E., Ltd.	cx	Nuway Mfg. Co., Ltd.	c
Adshad Batcliffe & Co., Ltd.	lxliii	Finch, B., & Co., Ltd.	xxxiv	O'Flanagan, James, Ltd.	xxxix
Architectural Press Ltd., The	ci	Floor Quarry Association	xvi	Peglers, Ltd.	xvii
Ascot Gas Water Heaters, Ltd.	lii	Fordham Pressings, Ltd.	xlii	Pennycook Patent Glazing & Eng. Co., Ltd.	xvii
Ashley, Brandon (Kensington), Ltd.	lxixvi	Frankl Compressed Pile Co., Ltd., The	vii	Permoglaize, Ltd.	lxixvi
Ashwell & Nesbit, Ltd.	lxviii	Frengers Ceilings, Ltd.	xviii	Phillips, H. E., Ltd.	lx
Avery, J., & Co.	lxixli	Gliksten, J., & Son, Ltd.	x	Pilkington Brothers, Ltd.	lxixviii
Batley, Ernest, Ltd.	cv	Greenwood's & Airvac Ventilating Co., Ltd.	lxiv	Pierhead, Ltd.	lv
Bates, Thos., & Son, Ltd.	lxixiv	Hall, John, & Sons (Bristol & London), Ltd.	xviii	Plumb, Fredk. G., & Sons, Ltd.	liii
Baume & Co., Ltd.	xc	Hawkesley Construction Co., Ltd.	xxxv	Plywood & Timber Products Agencies, Ltd.	lxlii
Beecham Buildings, Ltd.	v	Hickson's Timber Impregnation Co. (G.B.), Ltd.	lxixvi	Pritchett & Gold & E.P.S. Co., Ltd.	lxixvii
Benjamin Electric, Ltd., The	xi	Higgs & Hill, Ltd.	li	Radiation (Group Sales), Ltd.	lxixli
Berry, Z. D., & Sons, Ltd.	xxxii	Hills (West Bromwich), Ltd.	xiv	Ragusa Asphalt Paving Co., Ltd.	lxix
Biddle, F. H., Ltd.	xvii	Hobart Manufacturing Co., Ltd., The	lxixviii	Redpath Brown & Co., Ltd.	lxixx
B.P. Fuel Oil	lxlii	Holt & Co., Ltd.	xvii	Remploy, Ltd.	lxixviii
Boulton & Paul, Ltd.	lxixxv	Hope, Henry, & Sons, Ltd.	Front Cover	Robb Cement Enamel Finishes, Ltd.	cx
Briggs, Wm., & Sons, Ltd.	civ	Hornfowa, Ltd.	xciv	Robertson, Thain, Ltd.	xi, xii
Bristol Aeroplane Co. (Weston), Ltd.	lix	Hostess Tubular Equipment, Ltd.	xcix	Roller Shutters, Ltd.	xviii
British Trolley Track Co., Ltd.	cix	Ibstock Brick & Tile Co., Ltd.	lxiii	Rowe Bros. & Co., Ltd.	lxviii
Brockhouse Steel Structures Ltd.	lxvii	Imperial Chemical Industries, Ltd.	xxxviii	Rownsdon, Drew & Clydesdale, Ltd.	cxii
Bryce White & Co., Ltd.	cix	Indestructible Paint Co., Ltd.	xxi	Ruberoid Co., Ltd., The	xx
Canadian International Trade Fair	xv	Insulate Products Corporation, Ltd.	lxixvii	Sankey, J. H., & Son, Ltd.	lv
Carlisle Plaster & Cement Co.	lxixxiv	Jenolite, Ltd.	lxiv	Saro Laminated Wood Products, Ltd.	xv
Cellon, Ltd.	xvi	Jointless Flooring (Oxychloride Association)	cix	Sealanco (St. Helens), Ltd.	lviii
Cement Marketing Co., Ltd., The	li	Jones, W. H. & Son, Ltd.	lvi	Sebel Products, Ltd.	cix
Colt Ventilation, Ltd.	lii	Kay, Fredk. (Eng.), Ltd.	lvi	Semtex, Ltd.	lxi
Concrete, Ltd.	xvii, cix	Kay, Wm. (Bolton), Ltd.	cx	Scaffolding (G.B.), Ltd.	lxixv
Conex-Terna, Ltd.	xxix	Kenyon, Wm., & Sons, Ltd.	lxixvii	Sharp Bros. & Knight, Ltd.	lxvii
Coseley Engineering Co., Ltd.	cv	Kerner-Greenwood & Co., Ltd.	lxixviii	Simplex Electric Co., Ltd.	lxixvii
Costain Concrete Co.	lxixix	Knifisher, Ltd.	xxvi	Smith's Fireproof Floors, Ltd.	xxii
Courtney, Pope, Ltd.	lxixxii	Kwikform, Ltd.	lxixvii	Solignum, Ltd.	lxixvii
Creefield, C. V., & Co., Ltd.	xix	Leaderflush, Ltd.	lxixviii	Sommerfelds, Ltd.	cxviii
Crittall Mfg. Co., Ltd.	lix	Leatherfloor, Ltd.	xcviii	Southern Lime Association, The	cii
Crompton Parkinson, Ltd.	lxix	Lever, Jas., & Sons, Ltd.	ci	Speedwell Gear Case Co.	lxixvii
Daly & Son	lxv	Linoleum Mfrs. Association	lxii	Stelwin Construction, Ltd.	lxixv
De La Rue, Thomas, & Co., Ltd.	xxxvi	Loft Ladders, Ltd.	ci	Stettiffe Speakman & Co., Ltd.	lxixviii
Doulton & Co., Ltd.	xcvii	Mallinson, Wm., & Sons, Ltd.	lxixviii	Taylor, Robt., & Co. (Ironfounders), Ltd.	civ
Douglas, Robt. M. (Contractors), Ltd.	lxixviii	Mander Brothers, Ltd.	xxv	Thames Plywood Mfrs., Ltd.	viii
Downing, G. H., & Co., Ltd.	xxiv	Marley Tile Co., Ltd., The	xxxii	Thorn, J., & Sons, Ltd.	cix
Dreadnought Fireproof Doors (1930), Ltd.	xcv	Matts, A., & Son, Ltd.	lviii	Thorp, John B.	vi
Dryad Metal Works, Ltd.	cx	Meta-Mica, Ltd.	lxliii	T.M.C. Harwell (Sales), Ltd.	xxi
Dunbrik, Ltd.	cix	Midland Electric Mfg. Co., Ltd.	lxix	Townson, Wm., & Sons, Ltd.	xv
Durasteel, Ltd.	xcviii	Midland Joinery Works, Ltd., The	cxii	Tretol, Ltd.	xxxvii
Eclair Doors, Ltd.	lxixxiii	Mills Scaffold Co., Ltd.	cxli	Troughton & Young (Lighting), Ltd.	lxixvii
Ecoma Modern Products, Ltd.	xcvi	Montgomerie, Stobo, Ltd.	lxix	Walker Bros., Ltd.	lxixvii
Edison Swan Electric Co., Ltd.	xxxiii	Morris, Herbert, Ltd.	cix	Ward & Co.	cix
Electrolux, Ltd.	lxvi	Myton, Ltd.	xli	Waring & Gillow, Ltd.	lx
Ellis School of Architecture, The	cix	Nettle Accessories, Ltd.	lviii	Wimpey, Geo., & Co., Ltd.	lx
Ellison, George, Ltd.	cxix	Neuchatel Asphalt Co., Ltd., The	lx	Zinc Alloy Rust Proofing Co., Ltd.	cx
Empire Stone Co., Ltd.	lxix			Zinc Development Association	xxxii
Ethells, Congdon & Muir, Ltd.	cii				
Evode, Ltd.	cxii				
Excel Asphalt Co., Ltd.	cxii				

For Appointments (Wanted or Vacant), Competitions Open, Drawings, Tracings, etc., Education, Property, Land and Sales, cvi, cvii, cviii, cix.



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Farrer

PAGE
cix
c
xxxix
xcvi

xciv
lxxvi
lx
xxxviii
lv
liii

xciii
lxxvii
xxiii
lxxx
lxxx
lxxxviii
cl
xxii
xi, xii
xcviii
xlvi
cx
xx
iv
xlv
lvii
clx
lxi
lxxv
lxxvi
xxvii
xxii
xcii
cviii
cl
lxxiv
xcix
xxviii
civ
viii
clii
clx
vi
xxx
xv
xxxvii
lxxdi
clx
xix
c
xciii

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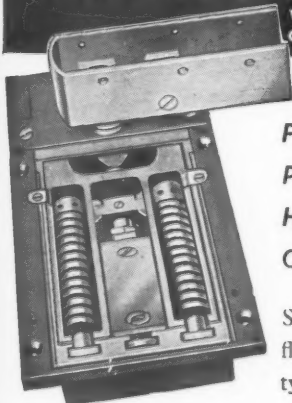
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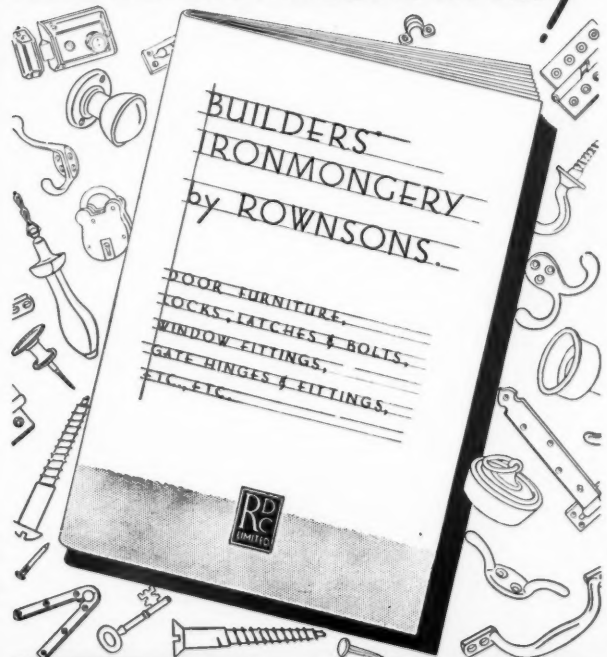
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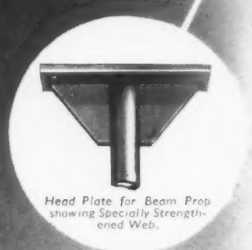
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