

Vol. 139 No. 232 Architects' Journal for June 23, 1949

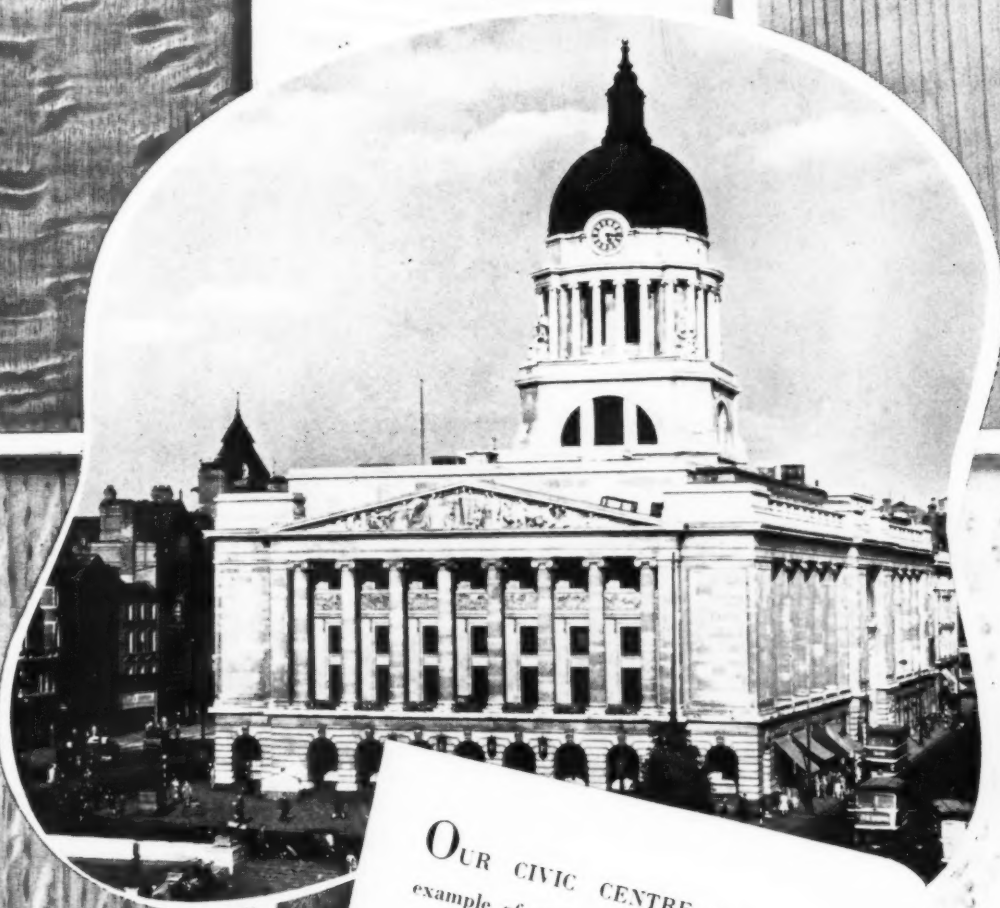
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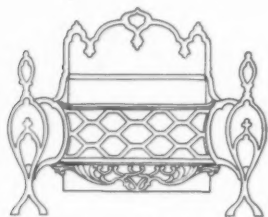
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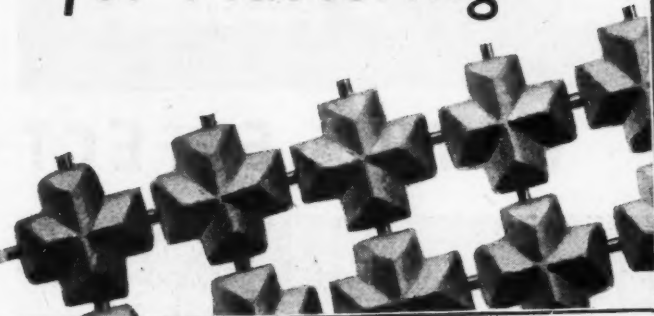
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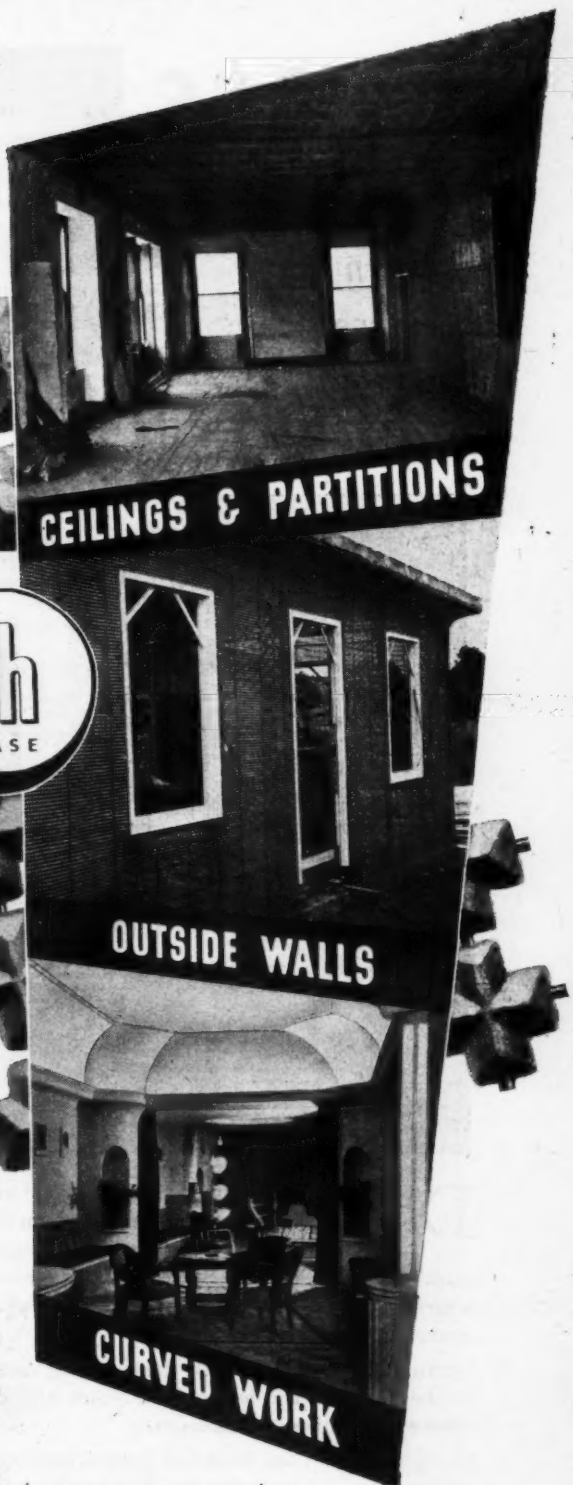
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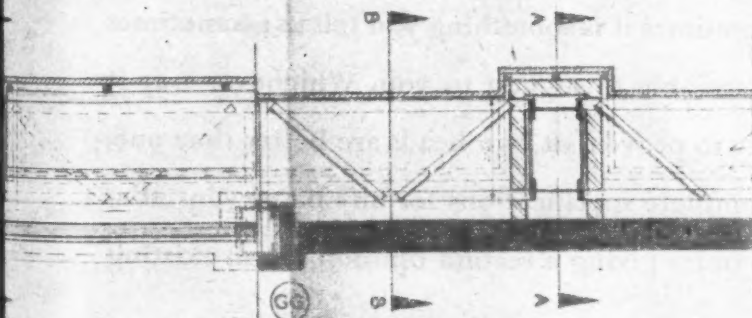
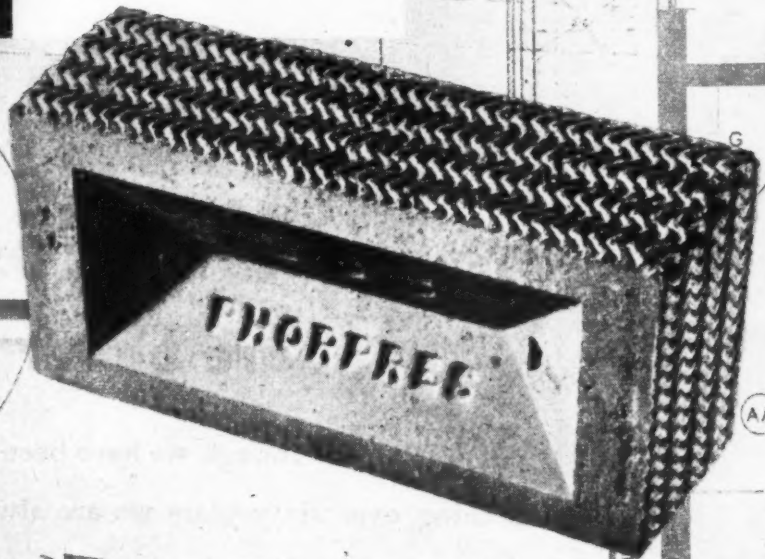
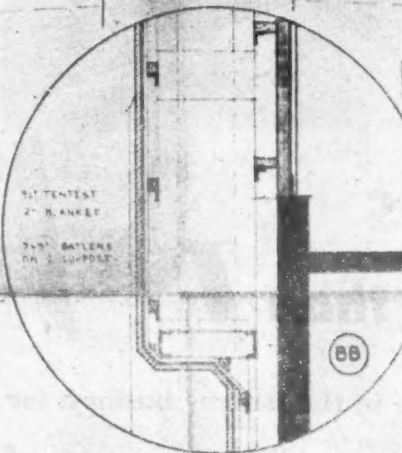
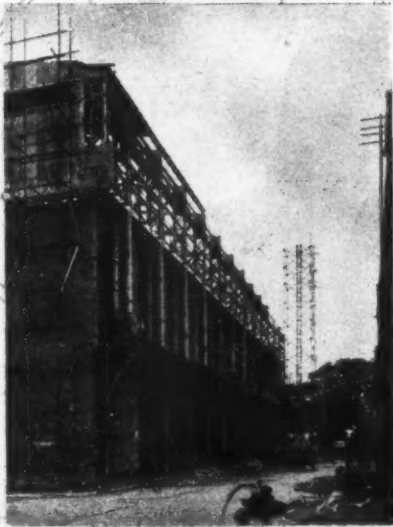
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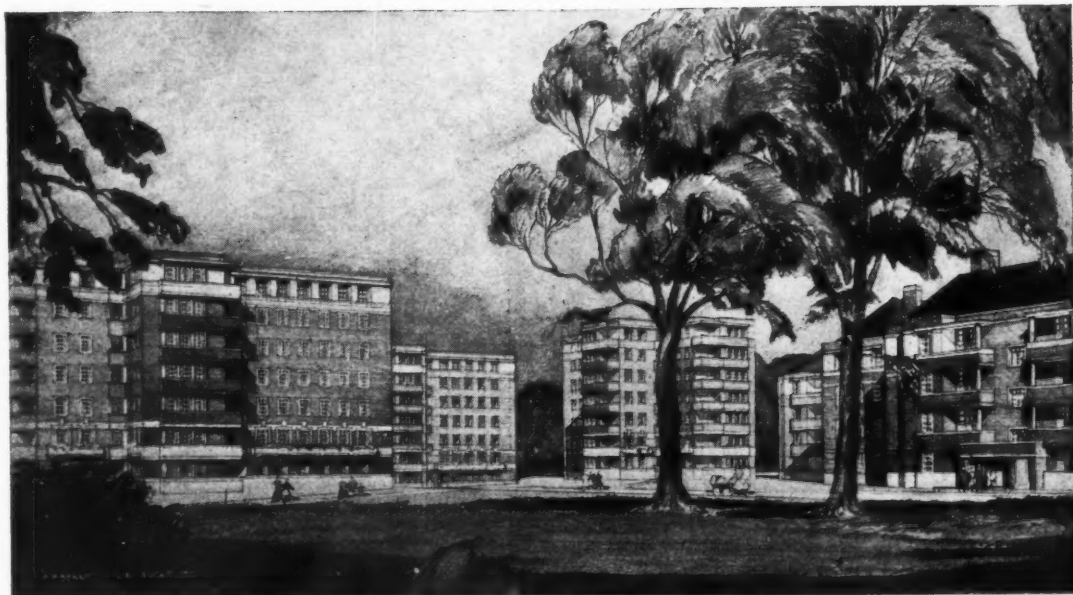
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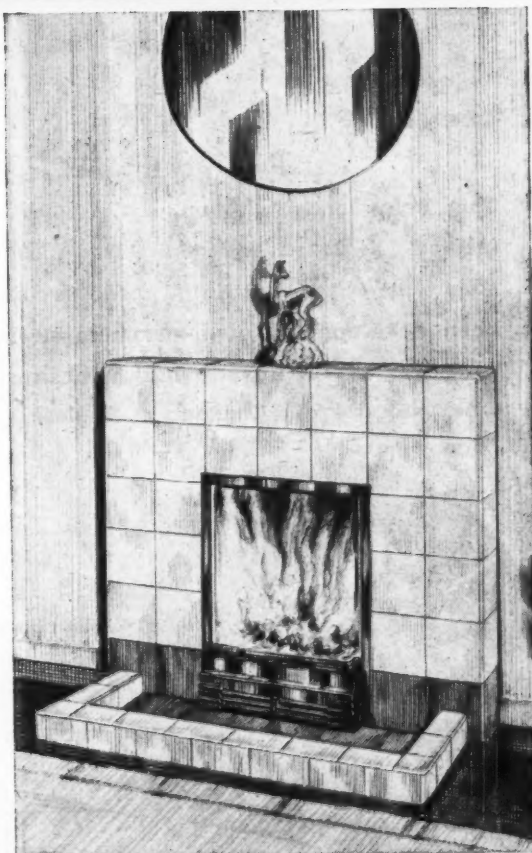


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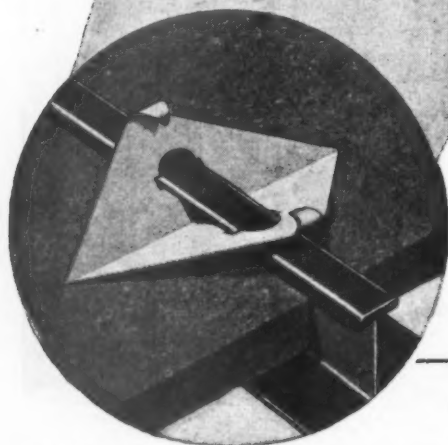


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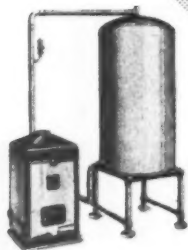
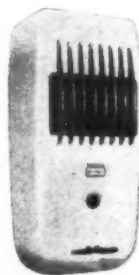
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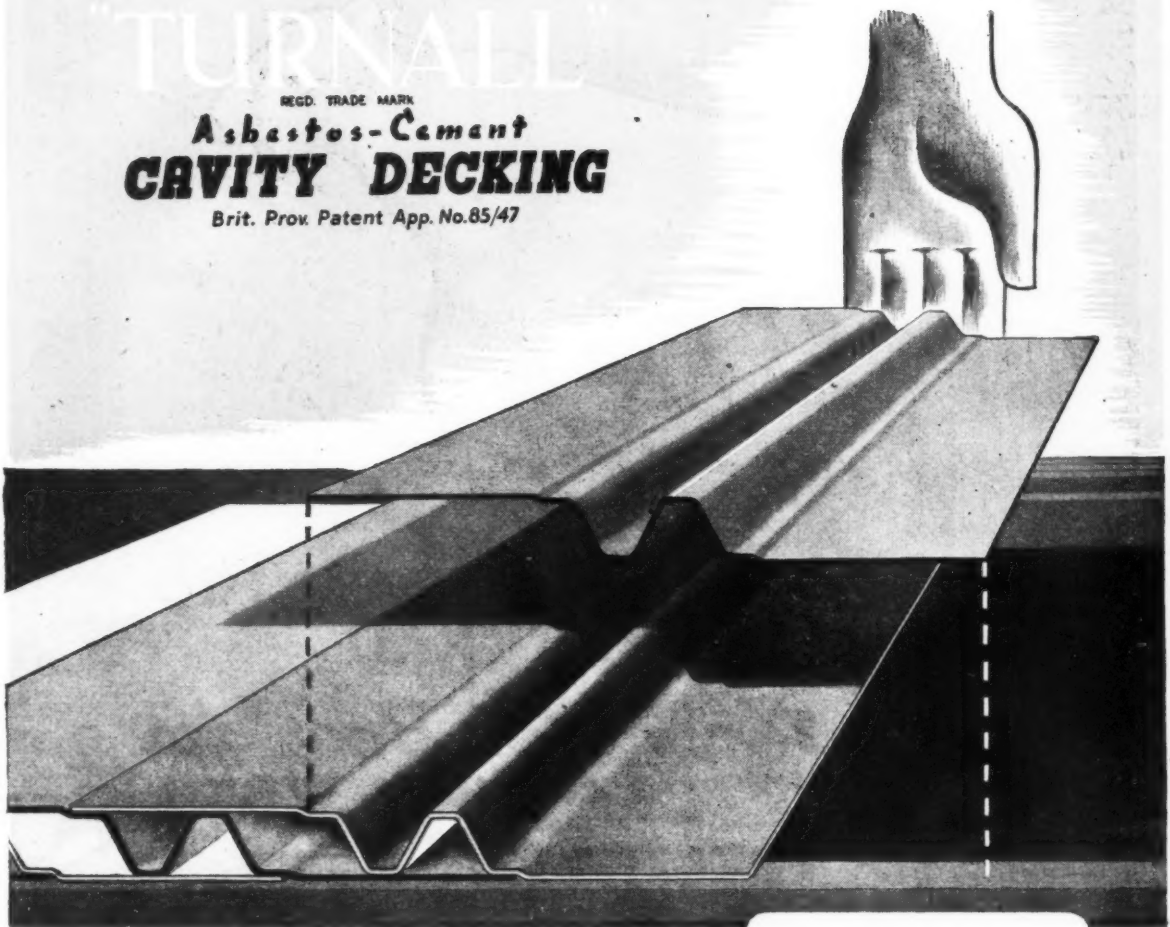
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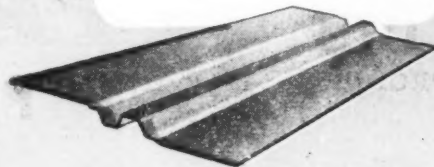
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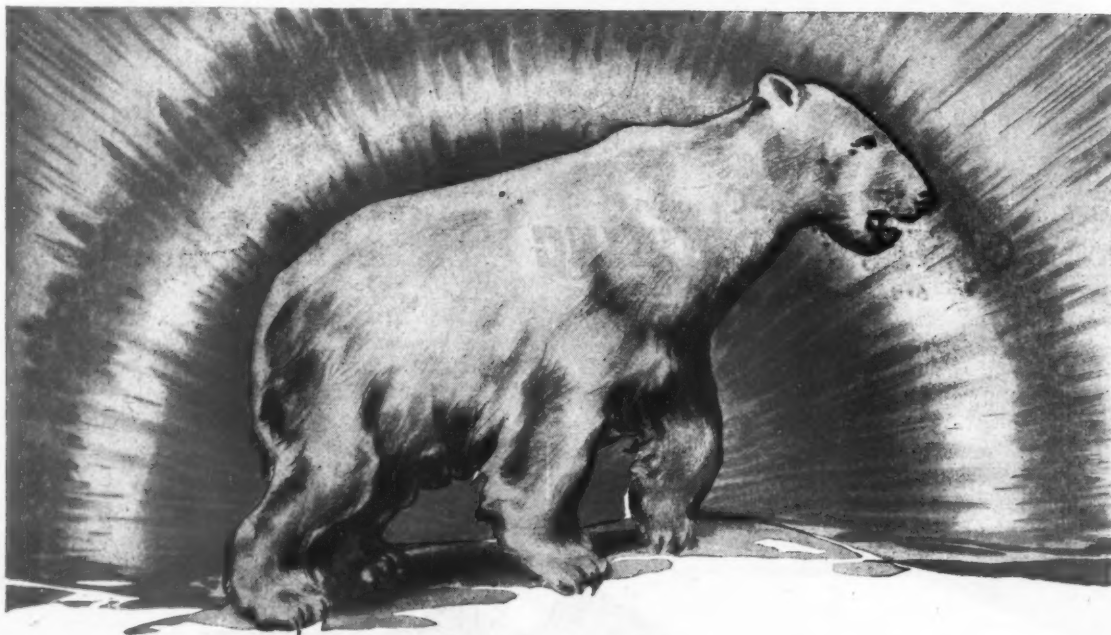


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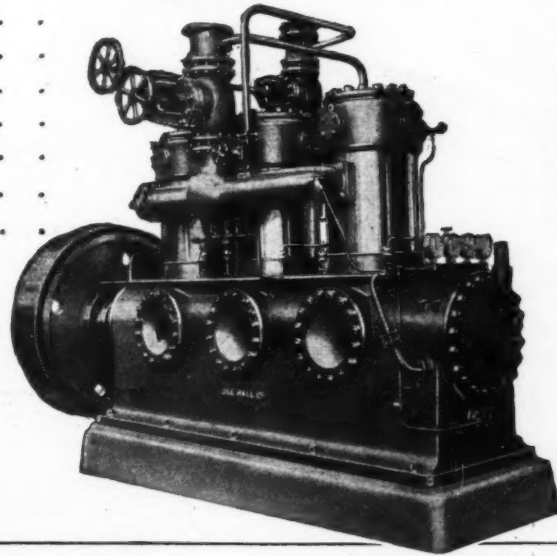
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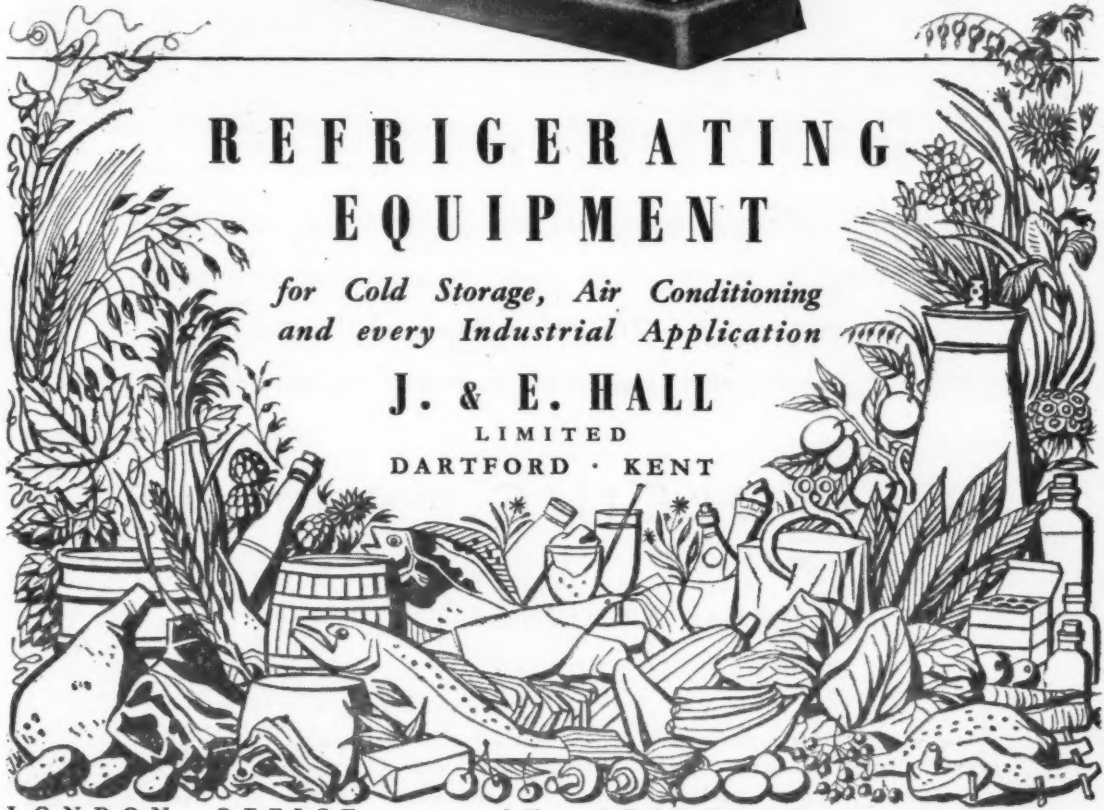
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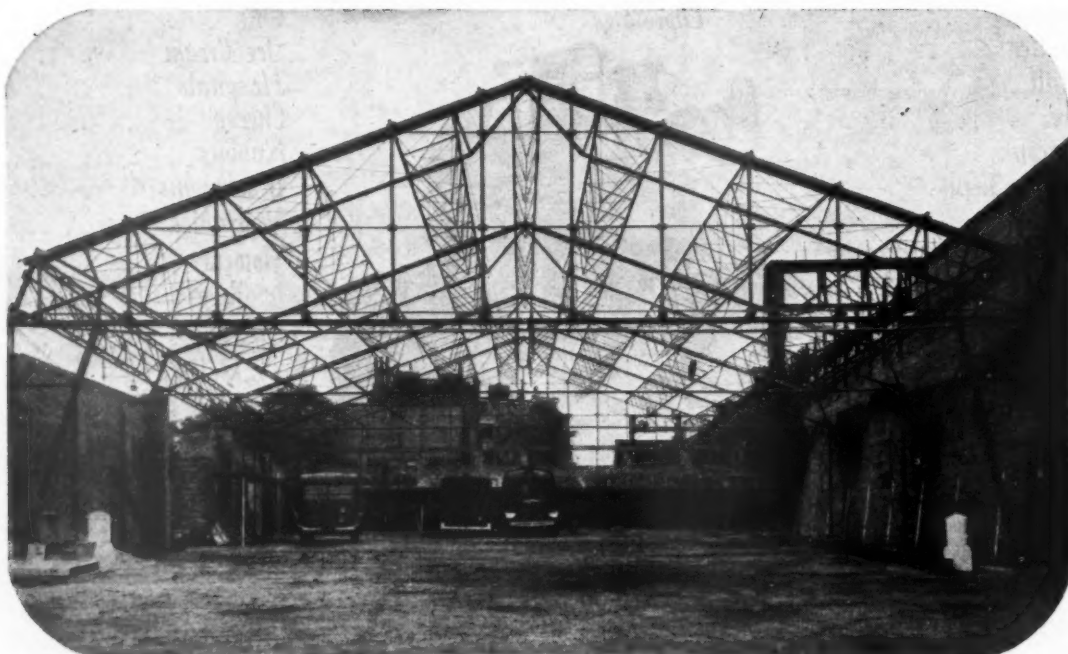
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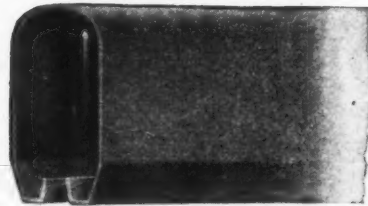
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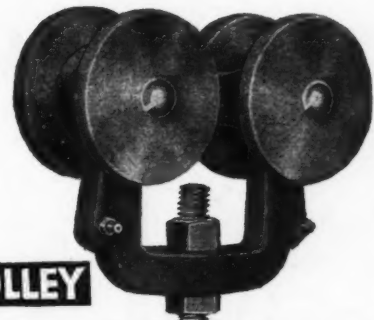
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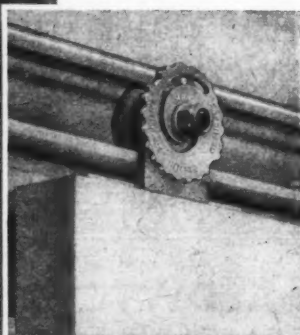
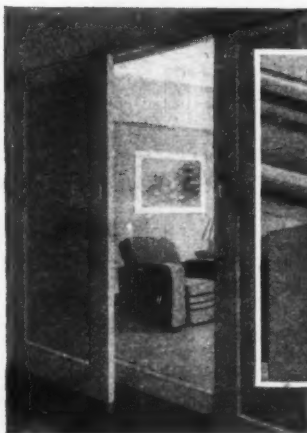


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Photograph on right shows a small section of the large Machine Shop at the Stevenage factory. Up to date plant and efficient layout ensure accurate and expeditious work.

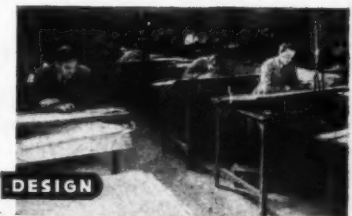


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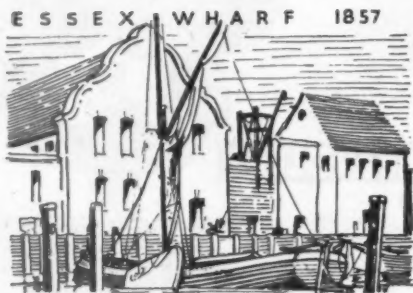
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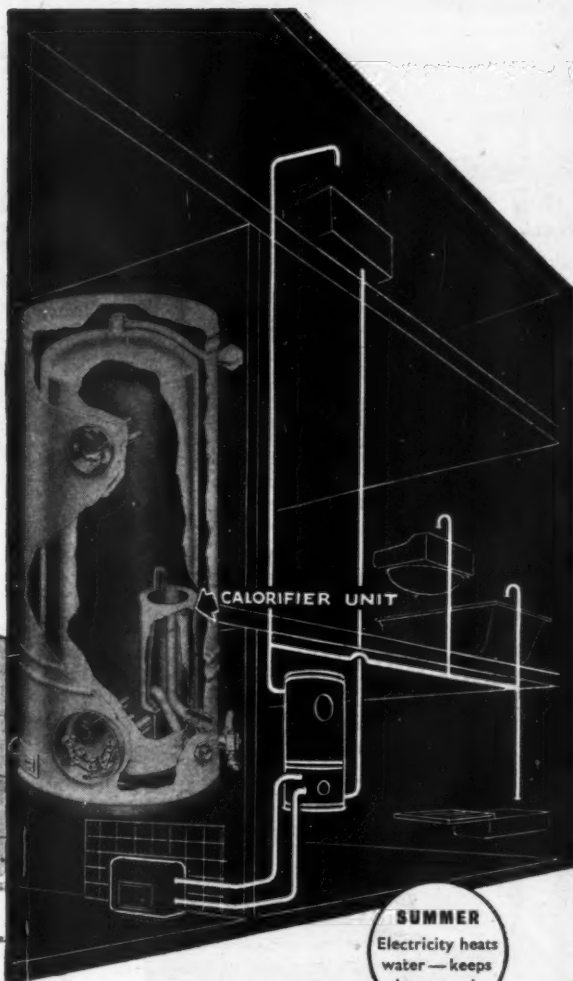
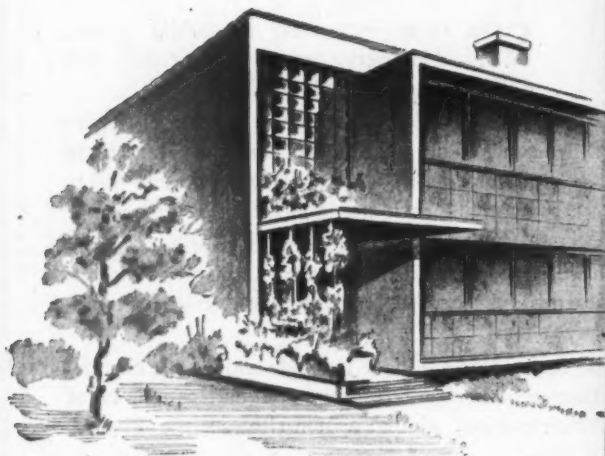
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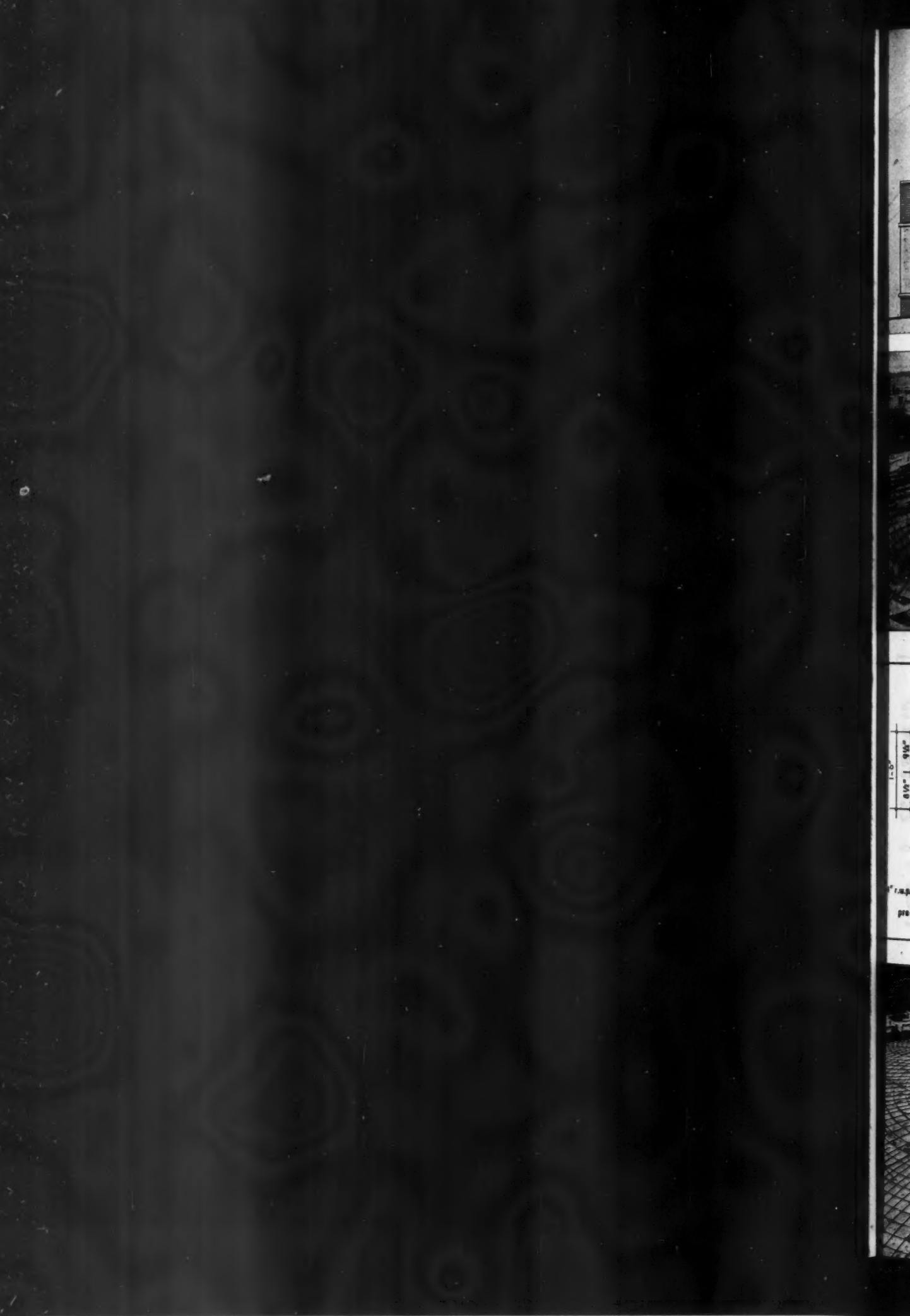
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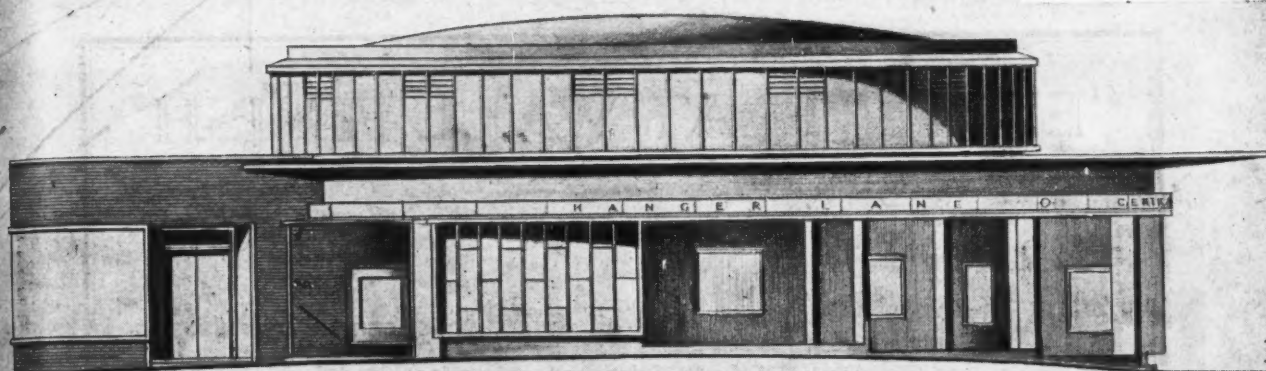
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The illustrations show : 1. Elevation of design for permanent station. 2. Wooden formwork for the reinforced concrete dome. 3. Section through the top ring beam of the dome. 4. Reinforcement and permanent shuttering for the dome in 1½" Marlith. 5. A view from underneath the dome showing the Marlith slabs before plastering.

PERMANENT INSULATING SHUTTERING at Hanger Lane Station

Architect : F. F. CURTIS, D.Eng., A.R.I.B.A. *Railway Executive, (Western Region).*

Asst. Architect : HOWARD CAVANAGH, A.R.I.B.A.

Assistant : P. MacIVER.

Contractors : HOLLIDAY & GREENWOOD LTD., 11 Buckingham Palace Gdns, S.W.1

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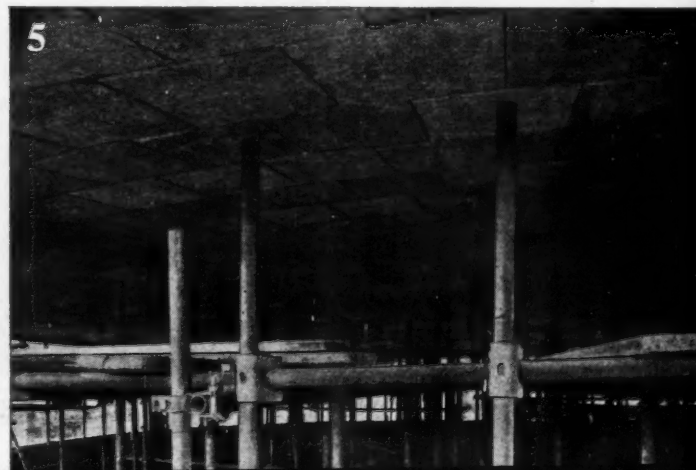
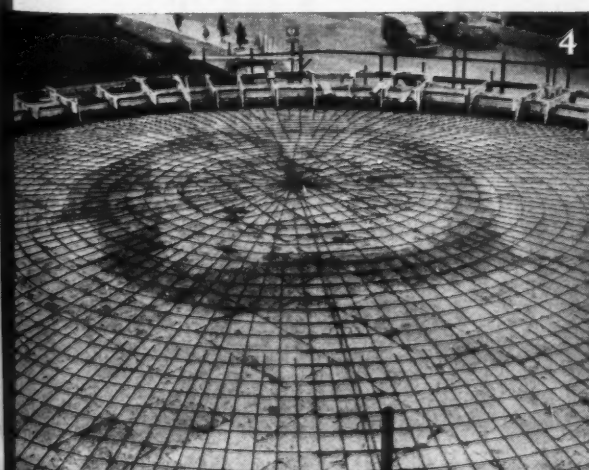
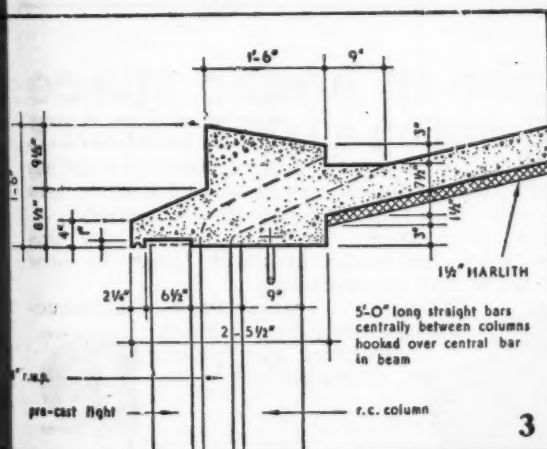
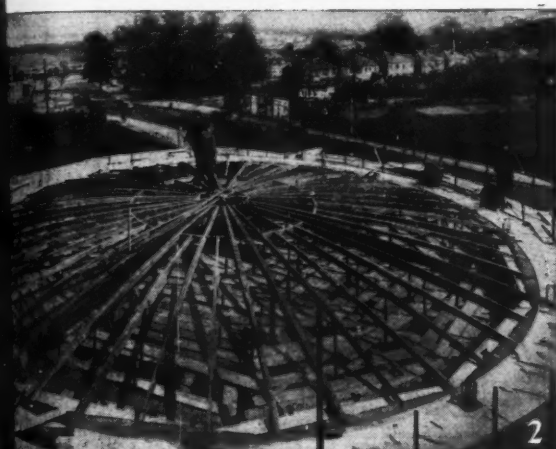
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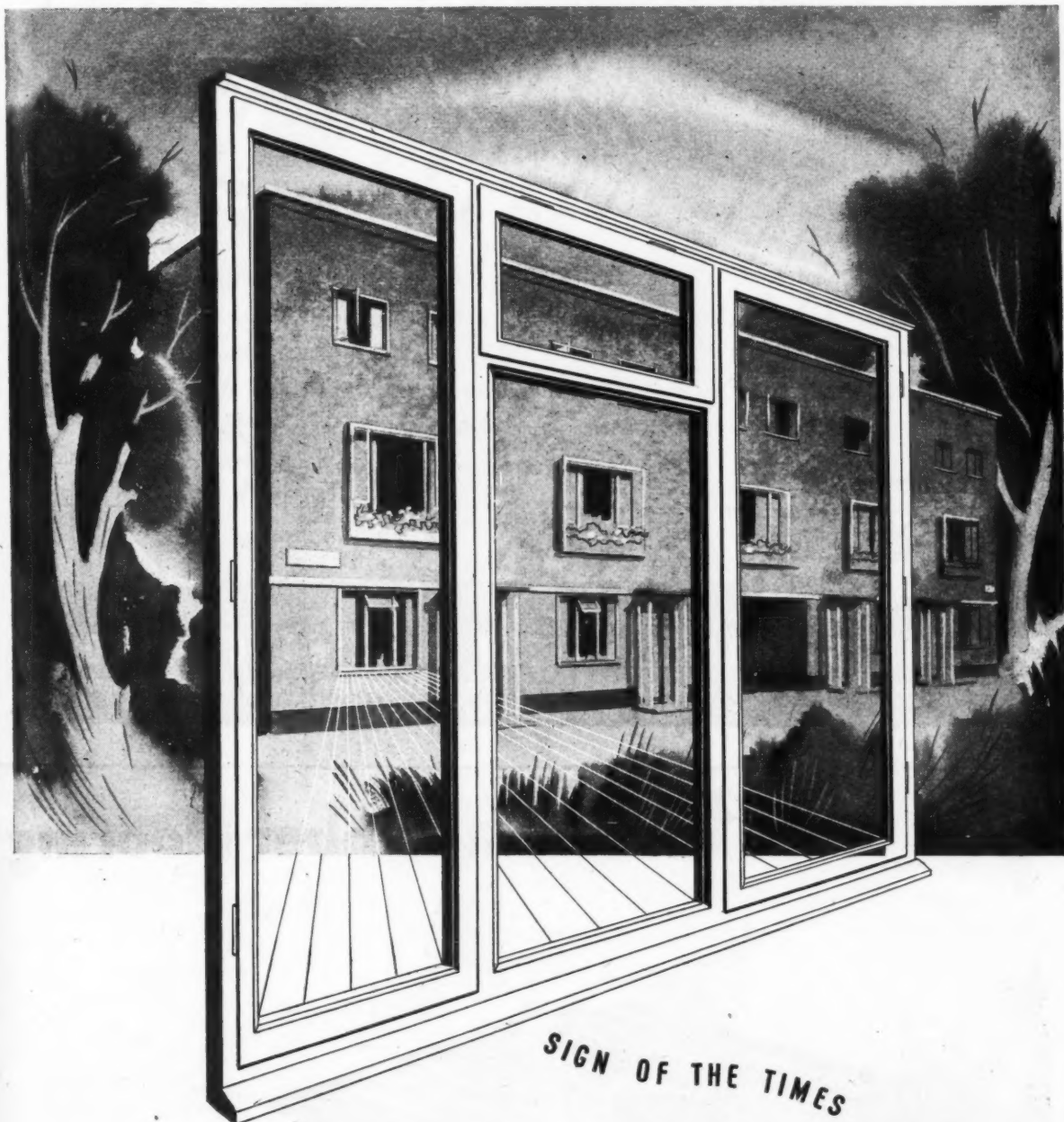
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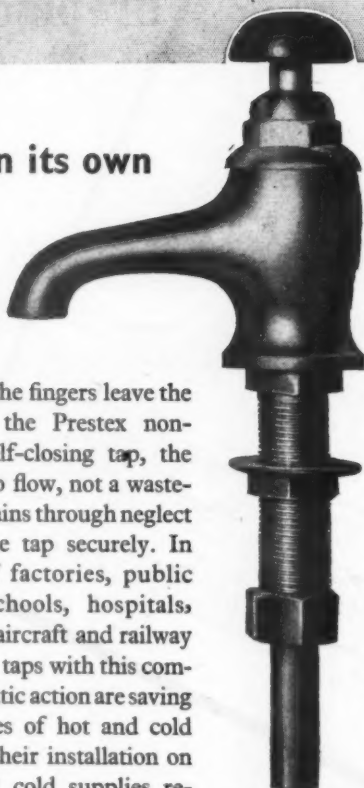
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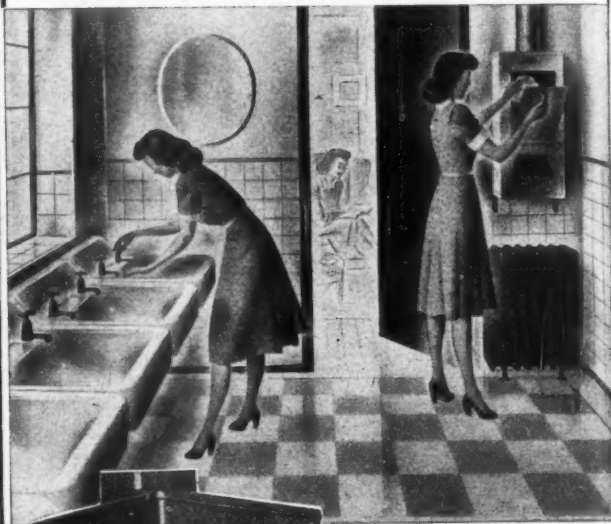
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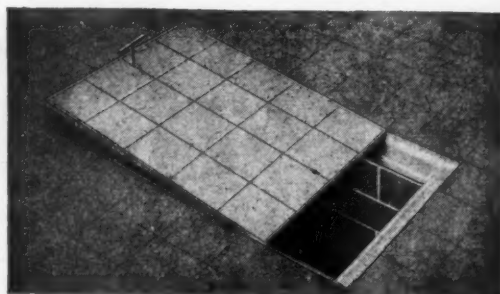
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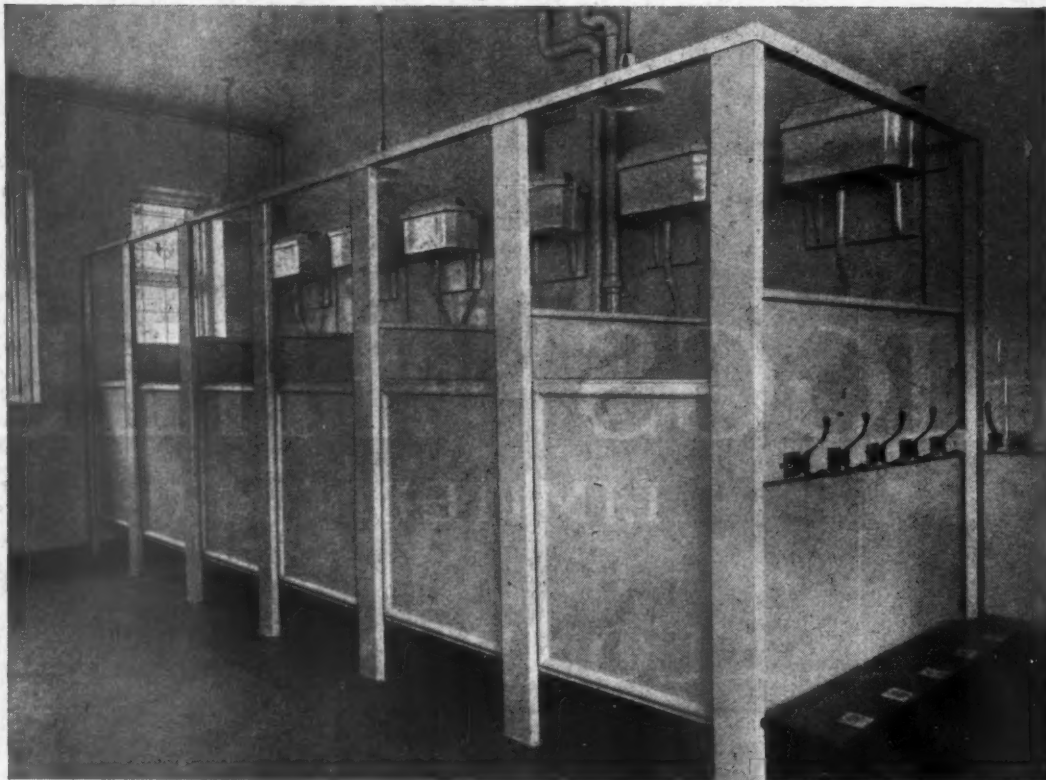
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DIARY FOR JUNE JULY AND AUGUST

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

BIRMINGHAM. *Prestressed Concrete Exhibition.* Jubilee Works, Sherlock Street. UNTIL JUNE 27

Exhibition of Work of Students of College and Schools of Arts and Crafts. Museum and Art Gallery. (Sponsor, City of Birmingham Education Committee. Daily, 10.30 a.m. to 6.30 p.m. Sunday, 2 p.m. to 5.30 p.m. JUNE 24-JULY 25

GLASGOW. *Demonstrations of Building Plant.* Glasgow Green. (Sponsors, MOW and Building and Civil Engineering Industries' Joint Advisory Panel for Scotland.) 10 a.m. to 6 p.m. JUNE 23

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

TPI Annual General Meeting. In the Assembly Room, Central Hall, Westminster. 5.15 p.m. JUNE 23

A.A. School Exhibition of Theatre Models. Building Centre, 9, Conduit Street, W.1. Daily, 10 a.m. to 5 p.m. Saturdays, 10 a.m. to 1 p.m. JUNE 27-JULY 9

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

COMPETITIONS

Industrial Art Bursaries Competition. The Royal Society of Arts. Competition divided into sections for the design of carpets; domestic solid-fuel-burning appliances; dress textiles; electric-light fittings; footwear; furnishing textiles; leather goods; wallpaper. A Bursary of £150 in value is offered for each section. (Two Bursaries in the dress textiles section). Open to full-time, part-time and evening-class students, between 17 and 30 on October 1, who intend to take up industrial design as a career and have studied for not less than one term since July 1, 1948, at an art, architectural, technical, or other college or school approved by the Society for the purpose of the competition. Entry in the domestic solid-fuel-burning appliance section is also open to any draughtsman, clerk, or similar person, within the same

age limits, already engaged in the solid-fuel-burning appliances industry, provided that this application is sponsored by the Coal Utilization Joint Council.

Particulars and entry forms may be obtained from the Secretary, Royal Society of Arts, the principals of the schools and colleges concerned, and the Secretary, Coal Utilization Joint Council. The closing date for the receipt of entry forms is August 1.

Competition for Design of Strip Carpet. The IAAS announces that this competition will be open to all architects and architectural students in the United Kingdom and the Commonwealth. It will be divided into three sections: hotels, cinemas and theatres and ships. In each section a first prize of 75 guineas and a second prize of 25 guineas will be awarded. Details will be announced later.

NOTTINGHAM QUINCENTENARY

ANNIVERSARY OF ROYAL CHARTER

June 28, 1949, is the five hundredth anniversary of the granting of a Royal Charter to the town of Nottingham, which gave it the status of a County and the privilege of self government. Nowadays, of course, towns and cities are governed by national laws, but before 1835 towns holding Royal Charters had powers of governing peculiar to themselves, and of great importance to the residents.

HISTORICAL PAGEANT

Ice Stadium, Lower Parliament Street. June 27 to July 6, 7.15 p.m.

The Historical Pageant of the City of Nottingham, depicting the birth and growth of civic life of the City of Nottingham.

TRADES EXHIBITION

Broad Marsh Site, off Carrington Street. June 29 to July 2. Thursday, 10 a.m. to 8 p.m. Wednesday and Friday, 10 a.m. to 9 p.m. Saturday, 10 a.m. to 6 p.m.

A Trades Exhibition by Nottingham Manufacturers showing the variety of the industries of the City.

LOCAL GOVERNMENT EXHIBITION

Broad Marsh, Canaan Street Chapel. June 27 to July 2, 10 a.m. to 9 p.m.

An exhibition of models, photographs and other features showing how the City is provided with public services of all kinds. Each department of the Corporation shows examples illustrating its own work.

NEWS

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No. 2837 VOL. 109

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ART EXHIBITION

The Castle, Nottingham. June 27 to July 2. Nottingham Artists Today: (1) artists now living in and around Nottingham; (2) distinguished living artists native to Nottingham and Notts. Nottingham Art of the Past—medieval alabaster pottery, and paintings by the Sandby brothers and Bonington, etc.

HISTORICAL EXHIBITION

The Guildhall, Burton Street. June 27 to July 2. 10 a.m. to 9 p.m.

Display of the historical treasures of the City of Nottingham:—original charters granted to the City by the Sovereigns of England; manuscript records of the Corporation's activities during eight centuries; the regalia of the Lord Mayor and Sheriff, and the Corporation silver and plate.

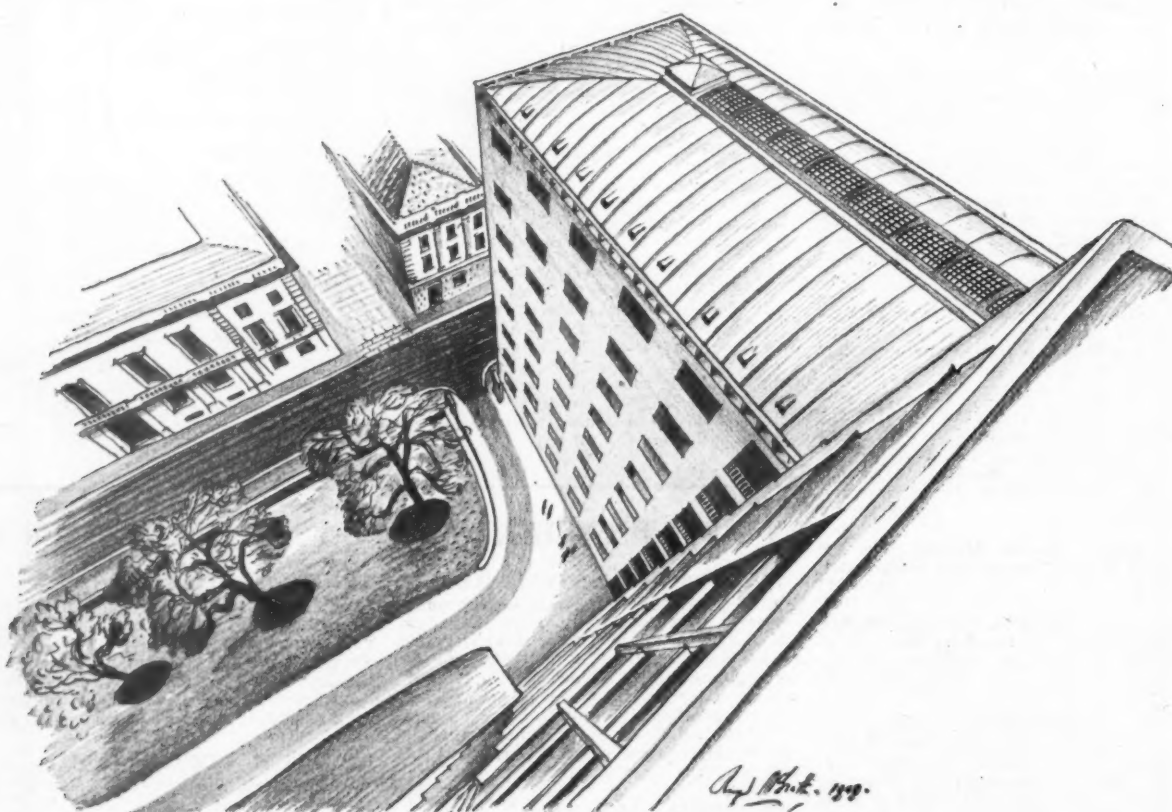
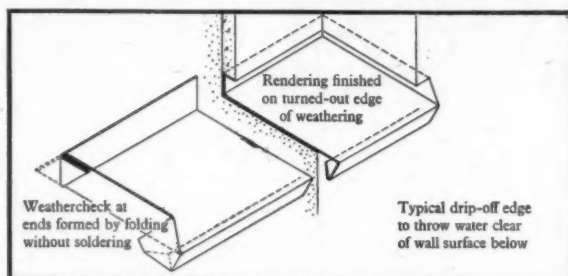
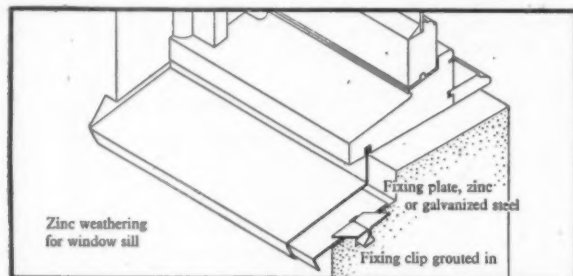
RIVER CARNIVAL

Victoria Embankment, River Trent. June 29 to July 2. 3.15 and 8 p.m. Aqua Theatre and Swimming Show. High Diving Act from the Suspension Bridge at approximately 10.30 p.m. July 2. Boat and Canoe Racing. Venetian Fete and parade of decorated boats at 7 p.m. Firework display at 10.45 p.m.

500 YEARS OF CHURCH MUSIC

St. Mary's Church. July 3. 6.30 p.m. Selection from 500 years of Church Music by the St. Mary's Church Choir.

DATA SHEET FOR ARCHITECTS No. 5 ZINC PROTECTIVE WEATHERINGS



Zinc weatherings serve to protect horizontal surfaces from moisture penetration. The metal, being rigid, can be formed into a projecting drip-off edge which will discharge water clear of the building and so prevent disfiguring stains. Their initial cost is low, and the sheet is easy to work and to fix. They can be used painted or unpainted. No. 14 zinc gauge sheet (21 I.S.W.G.) will last as long as most buildings,

except in highly corrosive atmospheres, when No. 16 Z.G. should be used. These weatherings allow great variation in design and, if carefully handled, can form a useful functional and decorative feature on any modern building. Further information on weatherings, gutters and other uses of zinc in building can be had from the Association, together with a list of publications.

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SPECIAL NOTTINGHAM ISSUE. This issue of the JOURNAL takes the form of an introduction to Nottingham, where the RIBA Conference will be held next week. In addition to the Conference programme and photographs of personalities who will be present, it contains a pictorial survey of the architectural background of Nottingham, and a project for the redevelopment of the city's Old Market Square. This project was prepared by students of the School of Architecture, Nottingham, and is commented on by Gordon Cullen, who illustrates his own solution to the same problem. Another special issue reporting the Conference and illustrating recent buildings by Nottingham architects will appear on July 7.

A BUILDING WEEK will be held at Tunbridge Wells in September.

This exhibition, which will be held from September 19 to 24, will be designed not only to show what the building industry has done since the war, but also to provide information on the new ideas and methods which it is intended to use in tackling the immense problems that lie ahead.

Architects will collaborate by exhibiting work in the form of drawings, photographs and models, showing the trend of modern architecture in all branches of building.

The main exhibition in the Assembly Hall will include contributions by the industrial federations, professional institutes and the different Government research departments. It will feature plant demonstrations and building apprentices and Technical College and School of Art students at work. The Institution of Civil Engineers is staging a pre-stressed concrete exhibition. There will be a continuous display of films and lectures every afternoon by eminent scientists, architects, engineers and prominent personalities of the industry. There will be an official opening by the Lord President of the Council accompanied by the Minister of Works. On the last day there will be a building industry conference under the joint chairmanship of the President of the RIBA, Mr. Michael Waterhouse, the President of the NFBTE, Mr. Norman Longley and Sir Luke Fawcett, of the NFBTO.

The "Building Week" is being organized by representatives of the building industry and of government departments in the region.

Steel Production in May established A NEW RECORD.

The British Iron and Steel Federation announces that steel was produced in May at an annual rate of 16,409,000 tons. The previous best annual rate of 16,269,000 tons was reached in March of this year.

A plea for a SHORTER PERIOD OF APPRENTICESHIP in the building industry was made recently by Mr. Nigel Hannen.

Mr. Hannen, president of the LMBA, was speaking at a recent luncheon at the Connaught Rooms, London, given by the Waverley Book Co. to celebrate the publication of the first post-war edition of their Building Encyclopædia. He said that with the present austerity in building and the modern trend towards simplicity of design he believed that it would be possible to teach all that would be required of the great majority of men in the course of their trade in a shortened period. At present many employees were unwilling to commit themselves for five years, and they did not feel able to give full training such as was known in the past. The boys themselves were persuaded by the cost of living to get as high a salary as possible and were led into dead-end jobs.

It was essential that a big drive should be made to renew the interest of both employers and boys in apprenticeship. Such a campaign must be designed to ensure the adequate re-staffing of the industry. It might well provide for a shorter period of apprenticeship.

The building industry was more attractive today than it had ever been before. Continuity of employment and guaranteed time had done away with one of the worst features in the industry. It was still a craft industry and a constructive one.

Part-time classes may be organized for STUDENTS of SURVEYING.

Consideration is being given to the need for providing part-time day training for junior assistants and pupils in surveyors' offices who are preparing for the examinations of the Royal Institution of Chartered Surveyors.

In the first instance, it is proposed to organize courses in certain of the subjects of the First Examination for the convenience of those who are unable to attend evening classes. The courses will also meet the needs of those who are granted deferment of National Service in order to prepare for professional examinations.

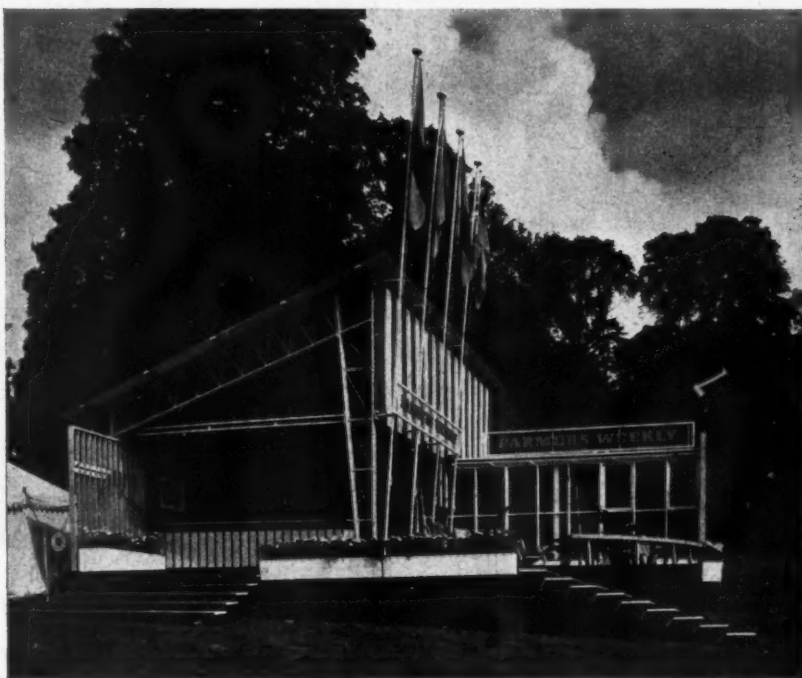
In order that the demand for such facilities may be assessed, principals and others interested in the project are invited to write

as soon as possible to the Head of the Department of Architecture, Surveying and Building, Northern Polytechnic, Holloway, London, N.7.

KENSINGTON PALACE has been RE-OPENED to the public.

Kensington Palace was built in 1689-1695 by Wren for William III, taking the place of a house built about 1605. Part of the older house, however, remained until George I instructed Benson, Wren's successor, to rebuild it. This latter portion includes the remarkable Cupola Room, decorated in 1722-4 by William Kent, partly in brown and gold paint which creates the effect of relief (for example in the fluting of the columns) very cleverly.

In all, 13 rooms and two staircases—the finely panelled Queen's Staircase, and the King's Staircase with walls and ceilings painted by Kent—are being shown. These include the Queen's Gallery, with elegant gilded mirrors by Grinling Gibbons; the King's Gallery, with ceiling by Kent; and the Presence Chamber, which contains what is probably Kneller's masterpiece, the full-length portrait of a Chinese convert, and has a magnificent overmantel carved by Gibbons and, yet again, a ceiling by Kent. The State Apartments at Kensington Palace have been closed since August, 1944.



This stand, designed by Alexander Gibson, was produced by the Design Research Unit, London, for use by the "Farmers' Weekly Magazine" at agricultural shows. The floor is of softwood slats with hardwood jointing fillets and the pavilion framework is of steel tube and rod, covered with corrugated steel sheeting.



Southwell Minster

Southwell Minster, Nottinghamshire, which RIBA Conference delegates will have an opportunity to visit, was established by Paulinus about A.D. 630. Traces remain of the Saxon and early Norman churches, but the present structure is a fine example of a greater Norman church of the middle of the twelfth century. A notable feature of the

Minster is its interior, and the choir, with its stone screen, was called by Ruskin "the gem of English architecture," while the chapter house is unrivalled for its famous carvings, among the finest ever accomplished in stone by English craftsmen. These carvings are described by Dr. Nikolaus Pevsner in his book "Leaves of Southwell."

A limit imposed on quarrying has saved the view of a WELSH MOUNTAIN PEAK.

The view of the Caernarvon mountains called The Rivals, which was endangered by large-scale quarrying, has been saved by the action of the Minister of Town and Country Planning in limiting future workings there. The Rivals are part of the Snowdon Range and a marked feature in many near and distant views. Their natural outline as viewed from the general direction of the Caernarvon-Pwllheli road will now be preserved.

Before making his decision the Minister ordered an examination on the spot to ensure that the skyline of the seaward peak would be preserved, and a sterilization line was drawn up so as to exclude the peak itself and the landward and seaward shoulders.

The Minister is satisfied that the permission granted is a reasonable compromise between the claims of amenity and production, as the reserves of stone up to the sterilization line will be ample for a very long time.

Maidstone is to stage an exhibition of FOUR HUNDRED YEARS OF BUILDING.

Civic and industrial exhibitions are being organized in connection with the 400th anniversary of the granting of Maidstone's first charter. The builders, architects and quantity surveyors of the district are taking part by arranging a display illustrating local building throughout the last four centuries, with a glance at what the town may look like in the future.

A CONGRESS on PRE-STRESSED CONCRETE is to be held this month in Paris.

The Congress will be organised by the Association Scientifique de la Précontrainte (ASP), Paris, and will be held on June 27, 28 and 29.

The ASP is a society, formed in conformity with French law by a number of French engineers representing all sides of French civil engineering (designers and consultants, public authorities, professional associations, etc.), having objectives that are essentially the same as those of our own Prestressed Concrete Development Group.

NEWS IN BRIEF

Mr. Alfred B. Read has been elected Master of the Faculty of Royal Designers for Industry, in succession to Mr. Gordon Russell, C.B.E., M.C., whose two-year term of office expires at the end of June.

The Minister of Works has decided not to increase the £100 limit for building work during the 12 months, July 1, 1949, to June 30, 1950, on ordinary properties. For special classes of building the limit will be £1,000 as before.

A meeting of the RIBA Golfing Society was held on Tuesday, May 24, at Denham Golf Club. The Allensby Bowl was won by Marshal Walker with a score of 88 - 18 = 70. The runner-up, W. R. F. Fisher, 80 - 9 = 71. The afternoon 4-ball Stapleford competition was won by Sir Giles Gilbert Scott and F. W. Charity with a score of 43 points.

THE ARCHITECT IN THE PROVINCES

NEXT week's RIBA conference at Nottingham, a provincial centre which has no city architect, should serve the useful purpose of focusing the attention of the profession on certain weaknesses in the position of the architect in the provinces. At present there is a tendency for the more progressive architects to move towards London and to ignore the opportunities offered in the provinces for private practice, thus robbing the counties outside London of the specialists necessary for the large building programmes which are needed in these areas. It is essential that the younger generation of architects should see no disadvantage in remaining in the provincial towns and cities, where they can help to raise the status of the profession in the eyes of the public by making their opinions on matters of architectural interest heard, not only in the Institute, but also in every type of local body, whether official or otherwise. This need places a special responsibility on the provincial members of the RIBA Council about to be elected for the coming year, who must be more active in putting forward the opinions of the Allied Societies, while at the same time not letting *national* issues weaken their duty to the provincial architects and societies, whose elected representatives they are.

There are two problems which have to be considered by all architects, especially members of the RIBA Council. The first, and perhaps the most important, is to keep the metropolis and the provinces in constant touch. The second problem is to see that architects, both individually and through their local societies, take an active part in the life of their areas, and that the best use is being made of their specialised training in helping to guide public opinion in matters concerning architecture. The time has come for the Institute to consider whether its own organisation, on which the welfare of the profession depends, is not over-centralised in London. At present the only real contact local members have with the Institute is through the activities of the allied societies. But these societies, which are often hampered by restrictions and lack of funds, have no real means of taking effective action on any local problem, and, as a result, find some difficulty in maintaining a vigorous existence and gaining the confidence of their members. The profession depends on the local societies, and unless they can inspire members, especially the younger architects, to take an active part in their work, the societies cannot fulfil their functions as local representatives of the Institute.

Both the elected and permanent officials of the RIBA should also encourage members to make their views heard in local affairs. At present too few architects are found on local government committees dealing with housing and planning. In order to encourage the public to appreciate the architect's

specialist knowledge of design in questions of housing and planning, it is vital that the profession should consider its function in the work of the country, and should not, as it has too often done in the past, hesitate to make its views known when a real issue of interest to the profession is placed before it. At the same time the individual architect, while honouring the code of professional practice, must not hesitate, when necessary, to discuss critically the work of his fellow specialists. The provincial architect has a great part to play in this work by not only improving his own technical skill, but also raising the status of his profession in the eyes of the public. This will only be achieved by the architect taking a full part in the activities outside his office and entering into the life of the community as a whole.



The Architects' Journal

9, 11 and 13, Queen Anne's Gate, Westminster, S.W.1

Phone: Whitehall 0611

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

WEAK DAIS

My suggestion last week that it is high time MOW got around to designing a dignified Royal Dais for outdoor ceremonies was echoed by Ivor Brown in *The Observer*, who pointed out with disgust that at the Trooping of the Colour the King was provided with a steel tubular typist's chair set upon a botched-up Hyde Park ovation rostrum. There is no excuse for this sort of thing. It is obviously not the result of last-minute improvisation, for military affairs of this scale are famous for their elaborate rehearsal and scrupulous

organization, but simply to complete lack of imagination (either in War Office or MOW circles) as to what is fitting and what is not. If MOW is too busy to deal with it—why not let the Royal Society of Arts and the CID sponsor a competition for a prefab dais which could be always used on such occasions? . . . Passed to Sir Harry Lindsay for consideration.

MAID OF ALL WORK

In the days before the war one thought of the old Office of Works in terms of Post Offices and the repair of mouldering castles; nowadays it's all licences and research. But the summary report for last year shows all the odds and ends as well. Reglazing the glasshouses used for growing flowers for the Royal parks, building stands for colour troopings, cleaning pictures in all Civil departments, putting General Wolseley back on the Horse Guards, the Christmas tree in Trafalgar Square, finding sites for new Borstals, and an alternative to Dartmoor, £1½ million for the provision of school meals, leasing buildings for Consulates and Embassies, selling sites in China and Siam, more buildings for the Inland Revenue boys (why?), assuming responsibility for another couple of dozen ancient monuments, work for the Coal Board, the Crown Film Unit and the Olympic Games. Surprising that Mr. Key has time to do anything but sign his name. A rather jolly report with innumerable isolated facts all put together because there happens to be a B in Building. Good entertainment for an hour's train journey.

LONDON SURVEY

It is a strange and fallacious belief of our times that any group or organization right up to that abstraction called the State has a kind of mass will of its own. In fact, of course, no committee-bound body can possess of itself any creative power. It may appear to do so, but dig for the truth and you will always come in the end to the one single individual who really provides the life force.

It follows that the more an authority is forced to split into departments the less clear is the general objective and the more likely one is to find feeble results in one field of an organization's work and paradoxically good results in another. For example, one department of the LCC produces housing which is almost universally acclaimed to be architecturally low; another far smaller department produces a remarkably fine publication of considerable architectural interest.

I refer to the latest volume, just out, of the LCC's Survey of London series.* It covers the Tottenham Court Road and neighbourhood, which includes the so-called Latin Quarter of London lying to the west of the highway. Here the streets and buildings and their local

* *Tottenham Court Road and Neighbourhood*. Published by the LCC, 50s.



Dear Astragal. I see, a bit of suggestion -
Reinstating the caps to the corner pinnacles
of Barry's masterpiece - the Victoria Tower
at Westminster.

H. Cundall

Baywater H.2.

LETTERS

J. Eastwick-Field, A.R.I.B.A.

Oscar Singer

LCC Housing

SIR.—To me, as to so many other observers, the LCC exhibition was a source of great discouragement.

Even a cursory examination of the drawings cannot fail to make one despondent, and to regret that so great an opportunity for translating into practice modern architectural ideas, as they affect both appearance and technique, should be so wasted.

Despite all the difficulties in design, of which there are undoubtedly many, the fact remains that there are many examples of all types of housing which are efficient and which are yet architecturally adventurous. There cannot be any valid reason why the LCC should not also contribute to make our surroundings less dull and soul-less.

Leaving aside all matters of detail, and even the question of architectural style (though it is difficult not to comment on the latter), one has only to look at the appallingly unimaginative planning of some of the courtyards shown between blocks of flats, and at the endless repetition of shops with flats above them, to ask oneself whether those who sponsor the LCC schemes have ever really thought of the kind of environment which they are creating.

There is certainly precedent for the miles of shop-cum-flat street architecture, and indeed for the drearily laid out courtyards between flats, in which a quite arbitrary patch is sometimes labelled "playground" on the drawings, but one would have hoped that existing examples might in this instance have been a sufficient warning against repetition.

One would like to feel that the LCC was considering first how to design the kinds of home which people (and not least the children) would enjoy living in and looking at, and second, how best, technically, to achieve the great quantity of building which is involved. To fulfil the first requirement needs imagination, and for the second, one would have supposed, some concession to modern techniques. Unfortunately neither is much in evidence in the schemes exhibited.

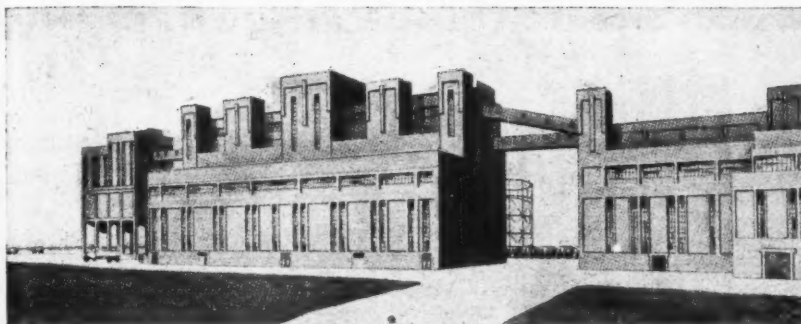
JOHN EASTWICK-FIELD

SIR.—Architecture endeavours to induce a full, economical and flexible life by moulding space accordingly. Integration of cubicles creates prisons rather than homes.

The housing schemes of the LCC Valuer do not indicate a scientific approach, and there is no trace of inventiveness, freshness or charm. The designs are crude and not at all interesting. They are and appear heavy in the plans and in the elevations. The building costs may appear to be very low, but no doubt more economical results could be achieved by skilful utilization of up-to-date resources.

The designs do not manifest the time of their creation, and in 30-50 years' time only the condition of the building material will give a clue to the age of the buildings, which, in any case, hardly contribute to the beauty of London.

OSCAR SINGER



A sketch of the proposed new reformatory house at Blackpool from the House Journal of West's Social Society, published by West's Gas Improvement Co., Ltd. (See note below)

associations and history are described and generously illustrated—*inter al.* the theatre which stood on the site of the Scala, the Scientific and Literary Institution in Whitfield Street, notorious a century ago as a meeting-place of the Chartists, Nash's Park Villages, Burton and Cubitt's houses, the Gothic revival church in Gordon Square. A special chapter is contributed by Mr. John Summerson on Euston Station and on University College and Gower Street.

ART FOR POLITIC'S SAKE

Burton called idleness the badge of gentry. A week or two ago that badge was pinned on the British working-man in an evening newspaper article. Apparently the writer, an eminent financier, had taken a few hours off to watch the builders' inaction in London, and had come to the conclusion that the workers' weakness for tea was putting the country in its cups. Now most of us are guilty of that sort of criticism at times. But a visit to the Unity Theatre in St. Pancras might persuade us that the man who is known internationally for his habit of calling a spade a spade has earned the right to lean on it.

In this converted doss-house, where the players' love of Labour makes their work a labour of love, Robert Tressall's *The Ragged Trousered Philanthropists* is competently staged, recording the days when all painters brushed with the same tardiness in retaliation for being underpaid, overworked and often unemployed. As a social document it has all the sincerity and vulgarity of the novel, although Tressall's Dickensian irony is missing. But what is the purpose behind the production? It could

be interpreted as merely a plea to make building a less casual industry. But it is more than that. Robert Tressall's book, with its sincere but pathetically misguided ideology, combined Socialism with Atheism. This was admirable material for the Unity Theatre Group who suppressed the author's more absurd ideals and gave strength to his attacks on the Church and Capitalism. The result is a piece of propaganda which suggests that all Christianity is hypocrisy and that Communism is a doctrine of love. But the real purpose of the novel is lost on a modern audience. When Tressall wrote his book in the early 1900's he used his own experiences as a painter to make a much needed plea for better conditions in the building industry. The audience which is invited to consider these conditions today will naturally make comparisons and, if the play's propagandist power is strong enough, will be led to assume that improvements in the last forty years have been carried out solely by the Labour Party.

GASLY GOOD TASTE

I have just been sent, by a spy in Leeds, the house journal of a firm making gas producing plant, with an entrancing article on Aesthetics in the Gasworks. Take a look at the Blackpool job, for instance, which "finds favour in the eye of the general public and that of the architectural world." It's easy enough to laugh at this sort of thing but is nationalization going to do any better? Judging by the efforts of British Railways and the suppression of the Miners' Welfare organization by the Coal Board, one can only regretfully guess not.

ASTRAGAL

SOME PERSONALITIES OF THE NOTTINGHAM CONFERENCE



Alderman William Sharp, the Lord Mayor of Nottingham, and one of the Vice-Presidents of the Conference, will welcome the members at the inaugural meeting to be held on June 30.



Lord Trent, D.L., a Vice-President of the Conference, is a well-known Nottingham figure. Chairman of Boots, Lord Trent was recently installed as first Chancellor of Nottingham University.



Michael Waterhouse, M.C., President of the RIBA, will be President of the Conference and will address members at the inaugural meeting to be held at Nottingham High School.

On this page are portraits of some of the eminent people, architects and others, who are playing a leading part in the RIBA Conference being held from June 29 to July 2. The Conference programme is given on page 563 and the proceedings will be reported in the ARCHITECTS' JOURNAL for July 7.



R. E. M. Coombes, President of the Nottingham, Derby and Lincoln Architectural Society, is a Vice-President of the Conference. Mr. Coombes was also Chairman of the Conference Executive Committee.



Arthur Leonard Roberts, Hon. Secretary of the RIBA since 1946, will be one of the RIBA representatives at the Conference. He has been a Member of the RIBA Council and Executive Committee since 1943.



C. D. Spragg, Secretary of the RIBA, awarded the CBE this year will be one of the RIBA representatives at the Conference. He has been on the RIBA Staff since 1913 and was Assistant Secretary from 1926-1945.



C. F. W. Haseldine, a Vice-President of the Nottingham, Derby and Lincoln Architectural Society, is a well-known Nottingham architect. He is architect to the Notts. Territorial and Auxiliary Forces Assn.



William Pedley, a Vice-President of the Nottingham, Derby and Lincoln Architectural Society, represents the Derby area. He is in practice with Mr. G. I. Larkin, at Derby, under the name of T. H. Thorpe and Partners.



T. Cecil Howitt, D.S.O., O.B.E., a member of the Building Advisory Committee, and Chairman of the RIBA Professional Practice Committee, is a well-known Nottingham architect.



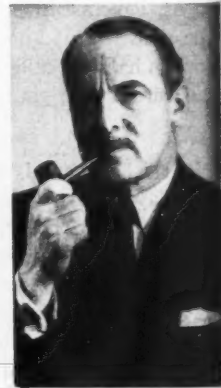
A. E. Eberlin, M.C., Chairman of the Conference Publicity Committee has a private practice in partnership with Mr. L. Darbyshire, in Nottingham and the surrounding counties.



Percy J. Bartlett, Chief Architect to Boots since 1927, retires from his present appointment in July, and hopes to set up private practice in the Nottingham district.



D. G. Thornley, Senior Assistant at the School of Architecture, Nottingham College of Arts and Crafts, under Mr. George Checkley. Has been Acting Head of the School since April, 1948.



J. W. M. Dudding, from 1937-46 architect with the Notts., Derby and Leicestershire District of the Miners' Welfare Commission, is now in private practice in the Nottingham area.

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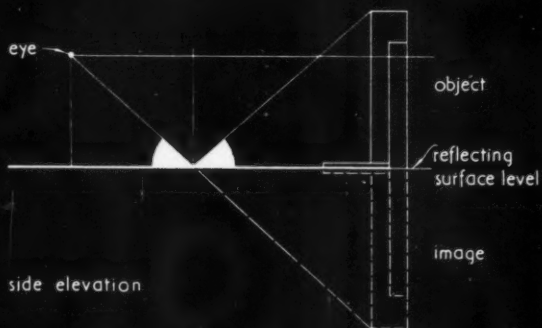
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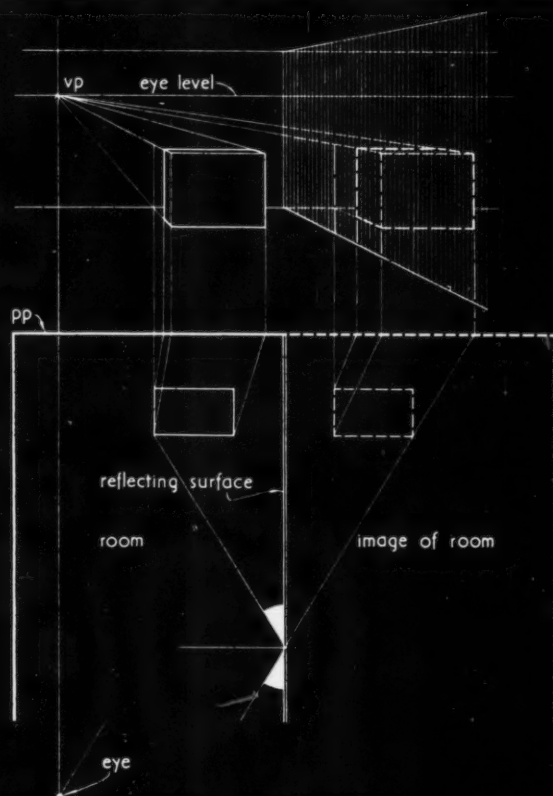
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DRAUGHTSMANSHIP | PERSPECTIVE**I.B.38**

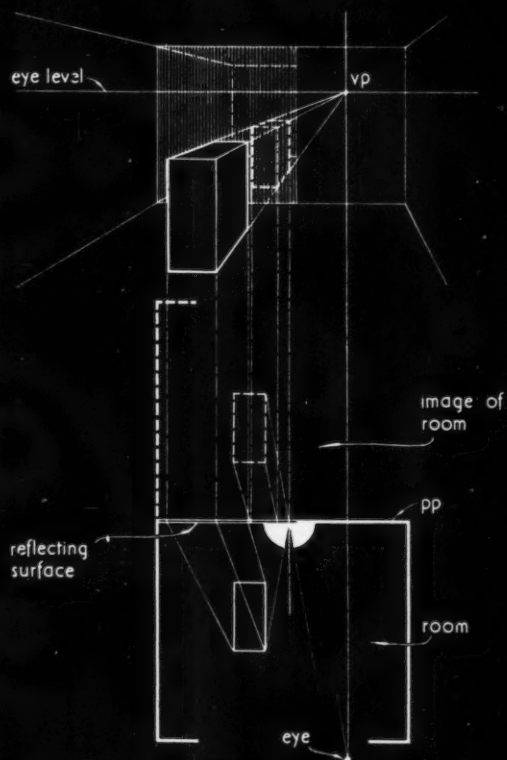
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HORIZONTAL REFLECTING SURFACE.



SIDE VERTICAL REFLECTING SURFACE.



FRONT VERTICAL REFLECTING SURFACE.

PERSPECTIVE DRAWING: HORIZONTAL AND VERTICAL REFLECTING SURFACES.

Compiled by Leslie A. Lee, L.I.O.B., and H.N. Hoskings, A.R.I.B.A., for Eagle Pencil Company — Chemi-Sealed Turquoise pencils.

1.B38 PERSPECTIVE DRAWING : HORIZONTAL AND VERTICAL REFLECTING SURFACES

This Sheet one of the series on draughtsmanship, deals with the theory of perspective and describes the setting up in perspective of the reflections obtained from horizontal and vertical reflecting surfaces.

From elementary physics it is known that:

(1) A ray from any point of the object on striking the reflecting surface passes on to the eye in such a way that its angle of incidence is equal to its angle of reflection.

(2) Any point on the apparent image is the same distance behind the reflecting surface as the point on the object is in front of it.

Horizontal Reflecting Surfaces

The first example shows how to set up reflections in a horizontal surface such as a stretch of water, a wet pavement or a highly polished floor. A side elevation or section is drawn cutting through the reflecting surface. Below the reflecting surface an inverted drawing is made of the object representing the reflected image. The perspective is set up in the usual way. On the height line the reflecting surface level is marked and below this the inverted heights for the reflection. Vertical lines are projected down from the vertical surfaces in the perspective drawing and their limit ascertained by means of the height line for the reflected image.

Vertical Reflecting Surfaces

The next two examples show a vertical reflecting surface in the form of a mirrored wall, one facing the spectator and the other to one side. As before the image is drawn on the far side of the reflecting surface, this time on the plan and is set up in the perspective in the same way as the object itself.

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

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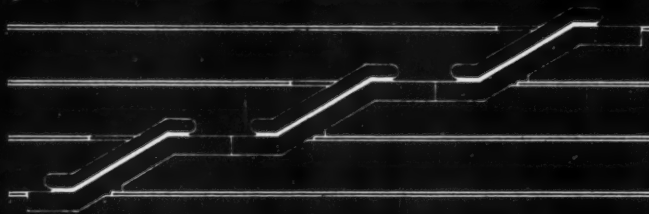
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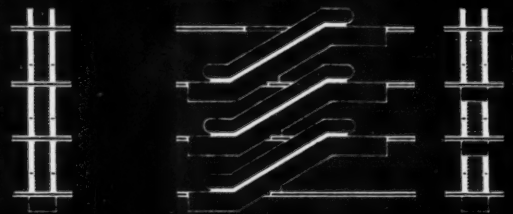
ESCALATORS

35.B2

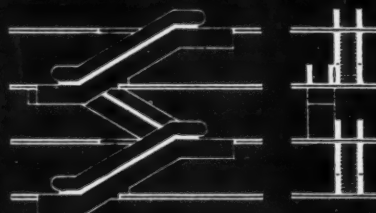
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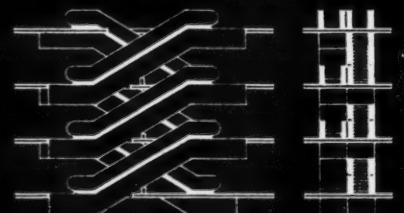
single bank giving continuous travel in one direction



single bank giving interrupted travel in one direction

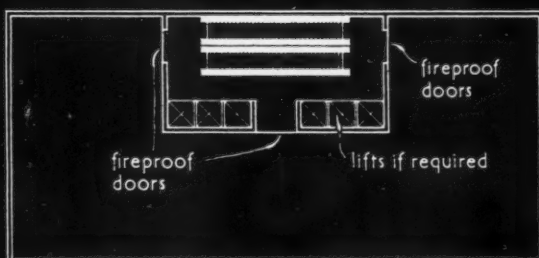


single corkscrew bank giving continuous travel in one direction

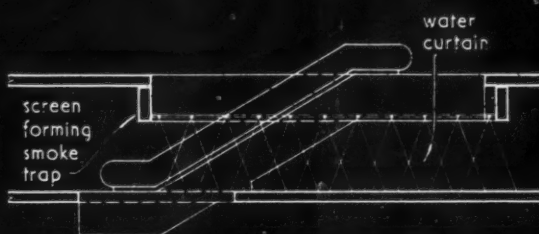


double corkscrew bank giving continuous travel in both directions

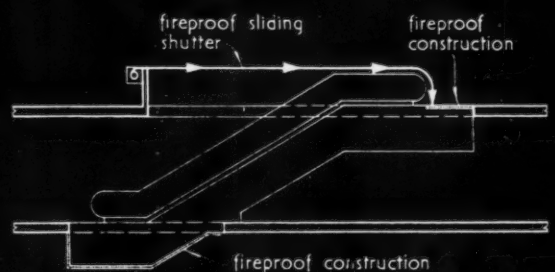
TYPICAL ARRANGEMENTS OF BANKS OF ESCALATORS.



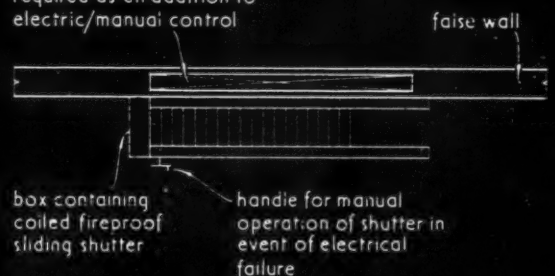
INSTALLATION PROTECTED BY BEING COMPLETELY ENCLOSED IN ESCALATOR HALL.



INSTALLATION INCORPORATING WATER SPRINKLER SYSTEM WITH SMOKE TRAP.



space for counter-weights if required as an addition to electric/manual control



INSTALLATION INCORPORATING FIREPROOF SLIDING SHUTTER TO TOP OF ESCALATOR ELECTRICALLY AND MANUALLY OPERATED WITH COUNTER-WEIGHT CONTROL IF REQUIRED.

35.B2 ESCALATORS : LAYOUT AND SITING

This Sheet deals with the layout and siting of escalators.

Layout

The following typical arrangements are illustrated on the upper half of the face of this Sheet.

Single bank giving continuous travel in one direction : Provides up or down service suitable for both inter-floor traffic and continuous travel between lower and upper limits without passengers needing to change direction from one flight to the next. Service in the reverse direction may be provided by a similar bank of escalators arranged parallel to the first or in line with it but to opposite hand.

Single bank giving interrupted travel in one direction : Provides similar service to the above and is more compact. It has the disadvantage, however, that passengers have to walk the length of one escalator between flights.

Single corkscrew bank giving continuous travel in one direction : Example of a compact arrangement to give both inter-floor and continuous service. Passengers pass from flight to flight with a minimum of walking.

Double corkscrew bank giving continuous travel in both directions : In this arrangement streams of up and down traffic are kept distinct from each other at top and bottom of escalators.

Of the above layouts, the last two are considered the best for departmental stores and other applications involving escalator systems serving more than two floors.

Siting

A conspicuous position should be selected and, for departmental store escalators, one from which passengers when travelling can see over as wide an area as possible.

The escalators should conveniently tap the main streams of horizontal traffic and up and down escalator traffic should be kept distinct.

Escalator traffic should not feed into or be tapped from confined spaces, e.g., cul-de-sacs and spaces restricted by surrounding walls.

Fire and Escape Regulations

Regulations imposed by local authorities may affect the siting and layout of the escalators, and

should be studied in conjunction with the escalator manufacturer in the initial stages of any project. It is usual for escalators to be considered in emergency as fixed staircases and, therefore, as forming part of the buildings' means of escape. Such regulations may, however, limit complete freedom to the planner, particularly in cases where the escalators in passing through the floors of a multi-storey building, break through its cubing or fire zoning. Where such regulations permit of it, an escalator system should be sited prominently in the centre of floor areas to be served.

Where they do not, the following typical installations (illustrated on the lower half of the face of this Sheet) are possible solutions.

Escalator hall : The first diagram shows the escalators installed in a completely enclosed hall, suitable provision being made for fire-proofing any doorways and openings to the main part of the building. Lifts and main staircases may also be accommodated in the same hall if required.

Water sprinkler system : This provides for a continuous curtain of water around the escalator well in the event of an outbreak of fire. The screen forming the smoke trap may also include an extractor duct to draw the smoke away.

Fireproof sliding shutter : This consists of a sliding shutter which can completely seal off the top of the escalator. The shutter is electrically controlled to come into operation automatically and is fitted with a manual control for use in the event of electrical failure. Counterweights may be installed as an addition and these would be contained in a false wall at the side of the escalator.

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THE CONFERENCE PROGRAMME

NOTTINGHAM

JUNE 29 — JULY 2

From June 29 to July 2 the headquarters of the conference will be at the Notts, Derby and Lincoln Architectural Society, 64, St. James's Street, Nottingham. Members should call at the conference office as soon as possible on arrival to obtain badges, information, etc., and to give their addresses in Nottingham, if not previously notified.

Day of Arrival, WEDNESDAY, June 29

8.30 p.m. to 11 p.m. An informal reception will be held at the Victoria Station Hotel, at which members will be the guests of the Nottingham, Derby and Lincoln Architectural Society. Light refreshments. Informal dress.

THURSDAY, June 30

10.15 a.m. to 12.15 p.m. The inaugural meeting will be held at the Nottingham Boys' High School, Forest Road, Nottingham. Reception and address of welcome to members by the Lord Mayor of Nottingham, supported by their Worship the Mayors of Derby and Lincoln. Address by Mr. Michael Waterhouse, M.C., President RIBA, followed by a paper on "Housing: A Social Service," by Mr. J. H. Forshaw, M.C., M.A., F.R.I.B.A., M.T.F.I., Chief Architect and Housing Consultant to the Ministry of Health.

LUNCH. Members and guests will make their own arrangements for lunch.

2.45 p.m. to 5.30 p.m. Garden Party and conference photograph at Wollaton Hall, by permission of the Lord Mayor and City Council of Nottingham. Buses will depart from conference headquarters at 2.45 p.m.

9 p.m. to 1 a.m. Civic Reception and Dance at Nottingham Castle, at the invitation of the Lord Mayor and City Council of Nottingham. Evening dress, decorations, presidential badges.

FRIDAY, July 1

10.30 a.m. to 12.15 p.m. Paper to be read at the Y.M.C.A., Shakespeare Street, Nottingham, by Mr. T. Cecil Howitt, D.S.O., O.B.E., F.R.I.B.A., on the subject of "Housing: Pre-war to Post-war."

LUNCH. Members and guests will make their own arrangements for lunch.

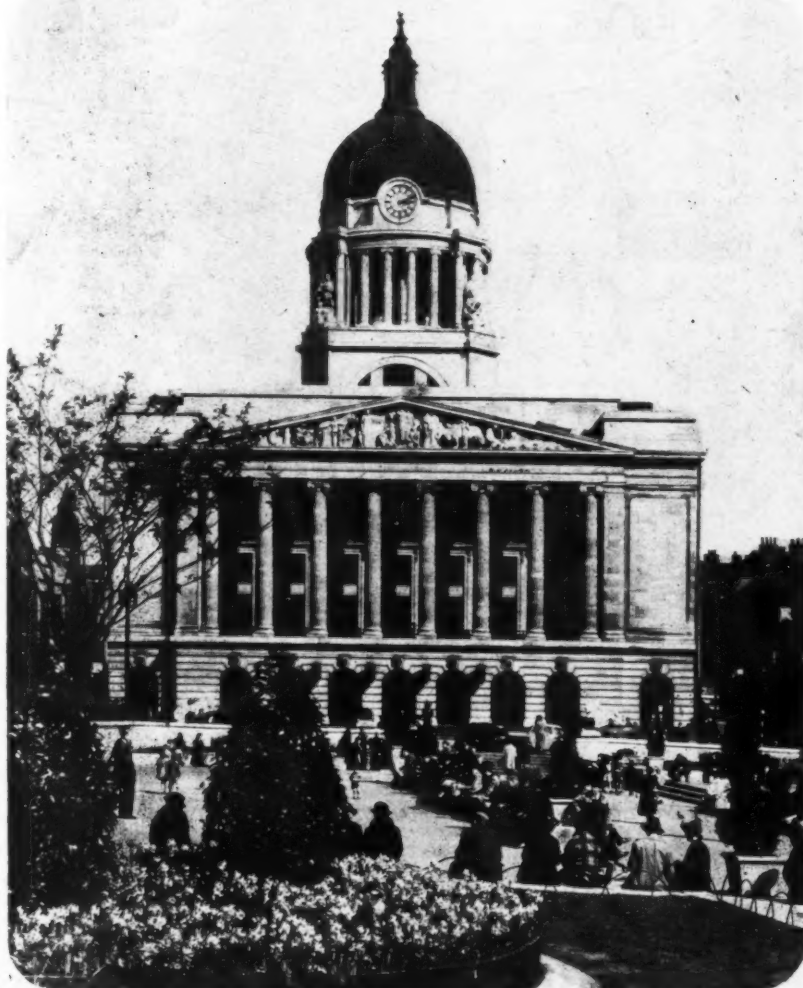
ALTERNATIVE HALF-DAY TOURS

2.30 p.m.

Tour No. 1.—Members will assemble at conference headquarters and will then leave for Calverton Colliery, a modern all-electric mine, where they will see the sinking of a new shaft, carried out on the latest engineering principles. Members are invited to tea by the General Manager of No. 6 Area of the East Midland Division of the National Coal Board. Return to Nottingham by 5.30 p.m.

2 p.m.

Tour No. 2.—Members will assemble at conference headquarters and will then leave for Southwell Minster. They will be received by the Very Rev. H. C. L. Heywood, Provost of Southwell. Tea will be taken at the Saracen's Head. Return to Nottingham by 5.30 p.m.



The Council House, Nottingham, designed by T. Cecil Howitt.

2.45 p.m.

Tour No. 3.—Members will assemble at conference headquarters and will then leave for Messrs. Boots Pure Drug Co., Ltd., factory at Beeston. Return to Nottingham by 5 p.m.

ALTERNATIVE WHOLE-DAY TOURS

9.45 a.m.

Tour No. 5.—Members will assemble at conference headquarters and buses will proceed along the Roman Fosse Way to Lincoln via Newark. The party will be welcomed at the Cathedral by the Dean and the Clerk of Works. The return journey will be via Newark, Southwell (where the Minster may be seen), Oxtun and Daybrook. Arrive back in Nottingham 5 p.m.

9.30 a.m.

Tour No. 6.—Members will assemble at conference headquarters and buses will proceed to Haddon Hall, the seat of His Grace the Duke of Rutland. Lunch at the Devonshire Arms. Baslow. The return journey will be via Bakewell, Chatsworth, Rowsley, Darley Dale and Matlock. Arrive back in Nottingham 5 p.m.

7.45 for 8 p.m. Conference dinner at Nottingham University, University Boulevard. The guests will be received by the President of the Royal Institute of British Architects and the President of the Nottingham, Derby and Lincoln Architectural Society. Buses will leave conference headquarters at 7.15 p.m. and will return to Nottingham after the dinner. Evening dress, decorations, presidential badges.

SATURDAY, July 2

10 a.m.

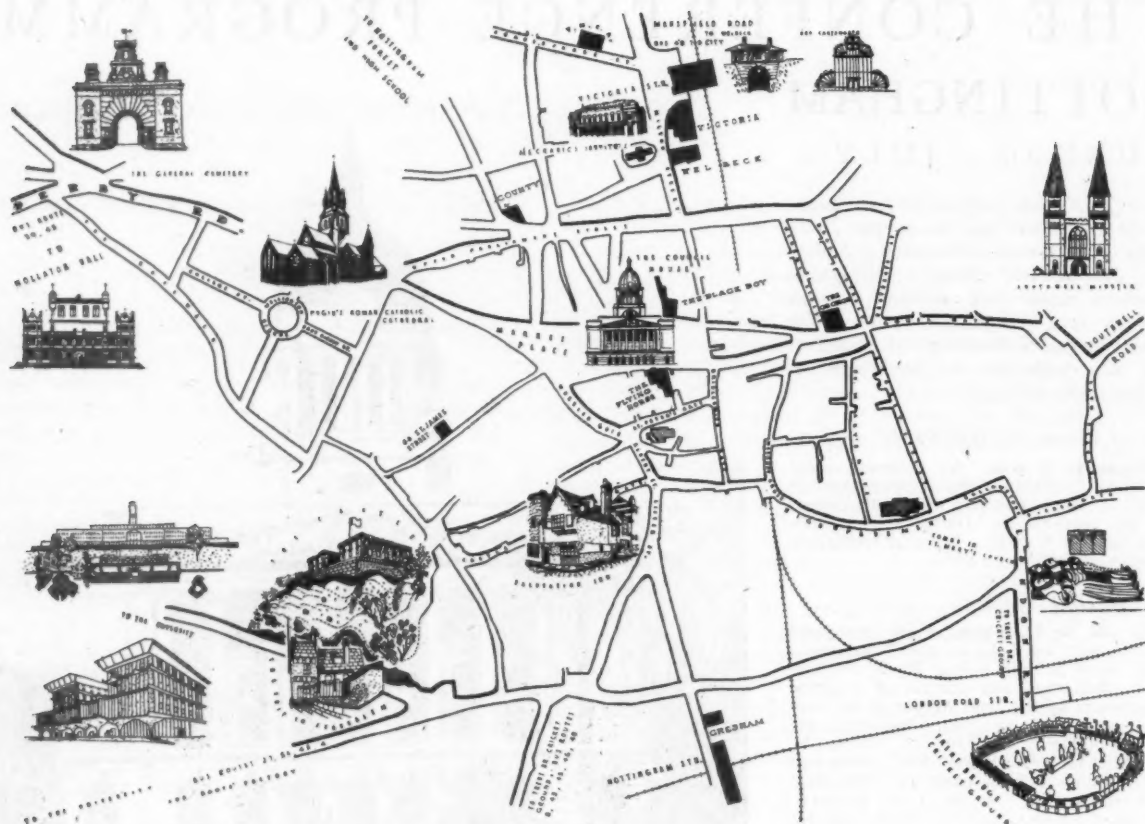
Visit No. 1.—Buses will leave conference headquarters and visit Newstead Abbey, which was the seat of Lord Byron and is now owned by the City of Nottingham. Return to Nottingham 12.30 p.m.

10 a.m.

Visit No. 2.—Tour of housing estates and precincts of Nottingham. Buses will leave conference headquarters and will return to Nottingham by 12 noon.

10 a.m.

Visit No. 3.—Buildings of interest in Nottingham. Members will assemble at conference headquarters.



The RIBA Conference will bring a large number of architects to Nottingham, many of whom will be unfamiliar with the city's buildings. Below is an article on the character and historical background of the city and on the

following pages are some notes on a number of buildings of all periods, which have been chosen as typical of Nottingham's architectural achievements. The situations of some of these buildings are shown on the map above.

THE ARCHITECTURAL BACKGROUND OF NOTTINGHAM

NOTTINGHAM has been the site of a settlement on the Castle Rock since Saxon times. Its geographical position, on the River Trent, makes it a busy centre of exchange for a wide area. Valuable mineral deposits assisted the growth of the town. As early as 1155 it became a centre for dyeing cloth, and by 1348 there was a local coal trade. Then again, the city was widely known for its alabaster during the 14th and 15th centuries.

In 1157 Henry I granted the city a charter, and by 1448 there was a mercantile community under a mayor and aldermen. Then followed, in the 16th century, the rise to local predominance of a wealthy commercial class. The chief family in the district was the Willoughby's who, in 1588, built Wollaton Hall. The rise of the commercial class led to the Civil War, and Nottingham was the scene of the opening campaign. When Charles I withdrew to Shrewsbury the Parliamentarians, under Sir John Hutchinson, secured the town and castle for Parliament and held it until the end of the war. From then to the end of the 18th century the history of the town was relatively uneventful, but both the city and the surrounding country were getting richer, and under the influence of wealth and leisure, art and enterprise were free to flourish.

The architectural heritage of the town had already been enriched by the rebuilding, in perpendicular style, of St. Mary's in the century 1380-1480. From this time there was no more conspicuous church building, if we except the new St. Nicholas', until modern times, and houses remain to attest the spirit of the age.

In 1674 the Duke of Newcastle started to build his palatial residence on the site of the old castle. Nottingham now possessed a ducal seat and people of quality began to live in the city. The houses they built express the ideas of comfort and elegance belonging to their period. At this time the town consisted of not more than 2,000 houses, most of which had gardens and orchards. The town was arrayed along the southern face of a sandstone crop, stretching from

Hollowstone, along High Pavement and Back Lane (Parliament Street), to the Castle Rock. To the north and south of this sandstone crescent lay the open fields spreading, in the south, to the Trent.

In 1759 the first modification of the original stocking frame invented by William Lee in 1589, was produced. It was the Derby Rib Machine, invented by Jedediah Strutt. The result of this and subsequent modifications was the rise of the lace industry, which became the staple trade of the city. The greatest influence exerted by the lace industry was the encouragement it gave to mechanical spinning. Hargreaves and Arkwright were financed by the local bankers and hosiers and helped to build up the local industry. The mechanical power was, at first, a horse gin, but in 1771 factories driven by water-power sprang up along the Leen, near Nottingham. Then, in 1785, the first power-mill in the world was established at Papplewick. Another was established at Nottingham in 1700. Although the city can claim to be the birthplace of the industrial revolution, two facts helped to protect the area from the worst results of the revolution.

The first was the swift decline of cotton spinning in competition with Lancashire; the second was the persistence of the domestic structure of the hosiery industry. Up to the present century it was possible to see frames at work in a few cottages in Calverton, and the stockinger's windows in the towns of the Midlands attest the wide distribution of the industry.

The 20th century has seen the expansion of the city to provide a variety of new light industries, chiefly at Beeston, where the factory of Boots Pure Drug Co. (designed by Sir Owen Williams) is situated.

Although Nottingham possesses a vast acreage of industrial and residential areas which are architecturally nondescript, it is one of the most beautiful cities in the Midlands and contains some fine buildings.



Lord Howes House. This fine house at Castle Gate (above), in the Adam style, is one of the large town houses in the city. Others of architectural merit are Newidgate House (1675), near Castle Gate, Willoughby House (1730-40), and Vault Hall (1743), on Low Pavement, and Bromley House (1732), Angel Row.

The Salutation Inn. This inn in Hounds Gate (right), dates back to the fifteenth century, and is one of the oldest inns in the city. Nearby is the Trip to Jerusalem Inn, which dates from 1189, and claims to have been a calling place for crusaders on their way to the Holy Land.



64, St. James' Street. A fine Georgian house (above), which is the headquarters of the Notts, Derby and Lincoln Architectural Society.

Park Terrace. A street in an early Victorian town planning scheme (right) which is almost unknown outside Nottingham. This housing estate of 155 acres, at the base of Castle Rock, was designed by T. C. Hine, a local architect of the last century. The estate was developed by the Duke of Newcastle in 1854, and is now the property of Oxford University.





The Castle. The Castle Rock, rising on its south side to a height of 133 feet, has been the site of a fortress since Saxon times and the scene of many incidents in English history. Charles I, by raising his standard in the city, commenced the Civil War, but the castle, under Colonel John Hutchinson, withstood all Royalist attacks. It was subsequently demolished in 1651 by order of Parliament. After the Restoration the Duke of Newcastle built a residence on the site.

This was completed in 1769, and gutted by fire in 1831. In 1875 the Corporation restored the building, and it was opened, by the Prince of Wales, as the first provincial municipal museum of the fine and applied arts. In the museum will be found some of the Nottingham alabaster carvings, including the famous Flawford figures. These carvings represent a craft which was the staple trade of Nottingham in the 14th and part of the 15th centuries.



Storey Street. The warehouse of Thomas Adams, lace manufacturers, a fine warehouse in Storey Street. In 1590 the Rev. William Lee, of Calverton, near Nottingham, produced the first machine for mechanical knitting. The frame was the forerunner of

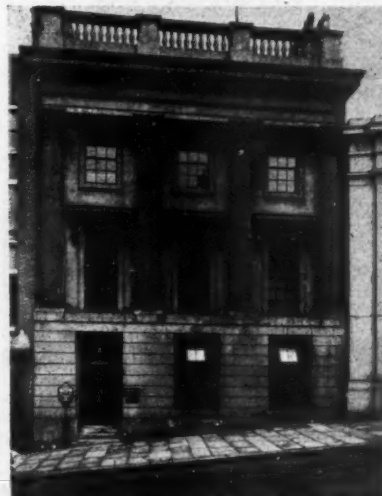
present-day lace machines, and it was by modification of the stocking frame between 1770-1800 that a lace mesh was first produced by mechanical means and led to Nottingham becoming the centre of lace production in this country.



St. Mary's Church. The mother church of Nottingham, in High Pavement, is a fine example of the Perpendicular style. The nave and transepts were begun in 1371.



Shire Hall. The exterior of the Shire Hall, in High Pavement, the headquarters of Nottinghamshire County Council. The building was designed by John Gandon and erected in 1770.



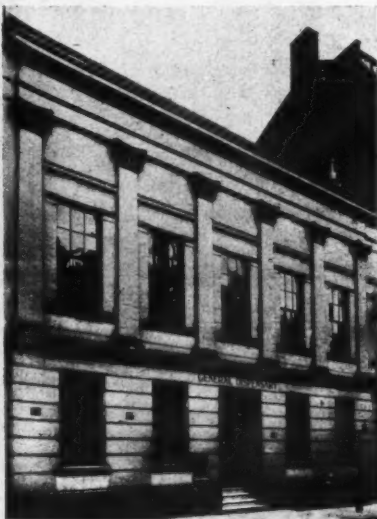
No. 9, Low Pavement. The building, now used as offices, contains remains of the old hall used for the Ladies' Assembly, presided over by a Mistress of Ceremonies. This building was erected by public subscription in 1807.



Broadway. A street of warehouses in the Lace Market. These buildings are typical of the lace warehouses of the Victorian period to be found throughout the city.



St. Nicholas' Church. This church, in Castle Gate, on the site of an older church destroyed during the Civil War, was erected in 1678, with additions in 1756 and 1783.



The Dispensary. This building, erected in 1841, adjacent to the Wesley Chapel, Broad Street, is another example of a Greek Revival building, and is typical of the many examples in Nottingham.



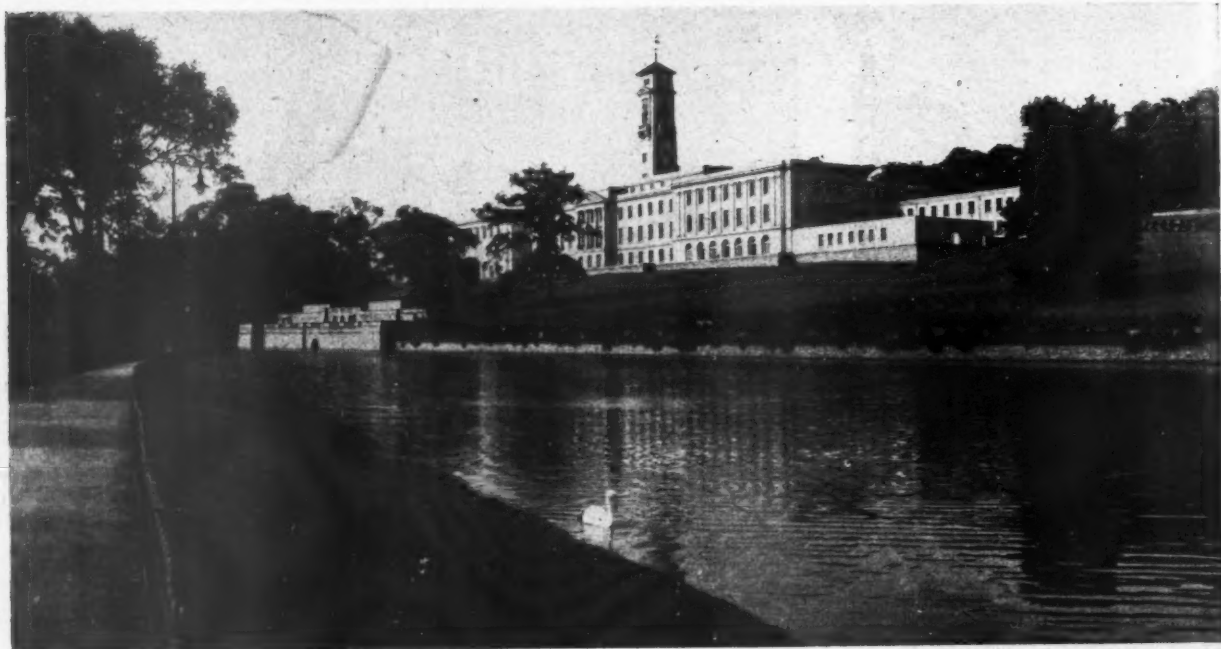
Wollaton Hall. The honour of having designed Wollaton Hall is claimed not only for one "Mr. Robert Smythson, gent., architect and surveyor unto the most worthy house of Wollaton and diverse others of great account"—as his monument in Wollaton Church reads—but also for John Thorpe and master workmen from Italy. Authorities have reached the conclusion that Sir Francis Willoughby, who was descended from a wealthy Nottingham wool merchant, named Ralph Bugge, paid for the house; and Robert Smythson was the chief workman and clerk of the works, for in the sixteenth century the word "architector" meant little more than this. The name of the actual architect is unknown. By building his house round a central hall, the

architect had to make the hall of unusual height. It is 50 feet high and the windows are 35 feet above the floor level. The plans would appear to have been modified in the course of building and these changes were probably due to Smythson. Wollaton Hall took eight years to build, and we are told that the stone was brought from Ancaster on horseback and paid for with coal. Up to recently, Wollaton Hall has been in constant use as a residence. Interior alterations have resulted in the disappearance of most of the Elizabethan features, including the Long Gallery, but the great hall, with its stone screen, is as it was built. The mansion, the property of the city, now houses a natural history museum.



Wesley Chapel. The founder of the Salvation Army, William Booth, was born in Nottingham, and was converted in this chapel in Broad Street, built in 1839. A

memorial tablet marks the spot where he knelt. This early Victorian chapel has a fine interior with a gallery, at first floor level, supported on cast-iron columns.



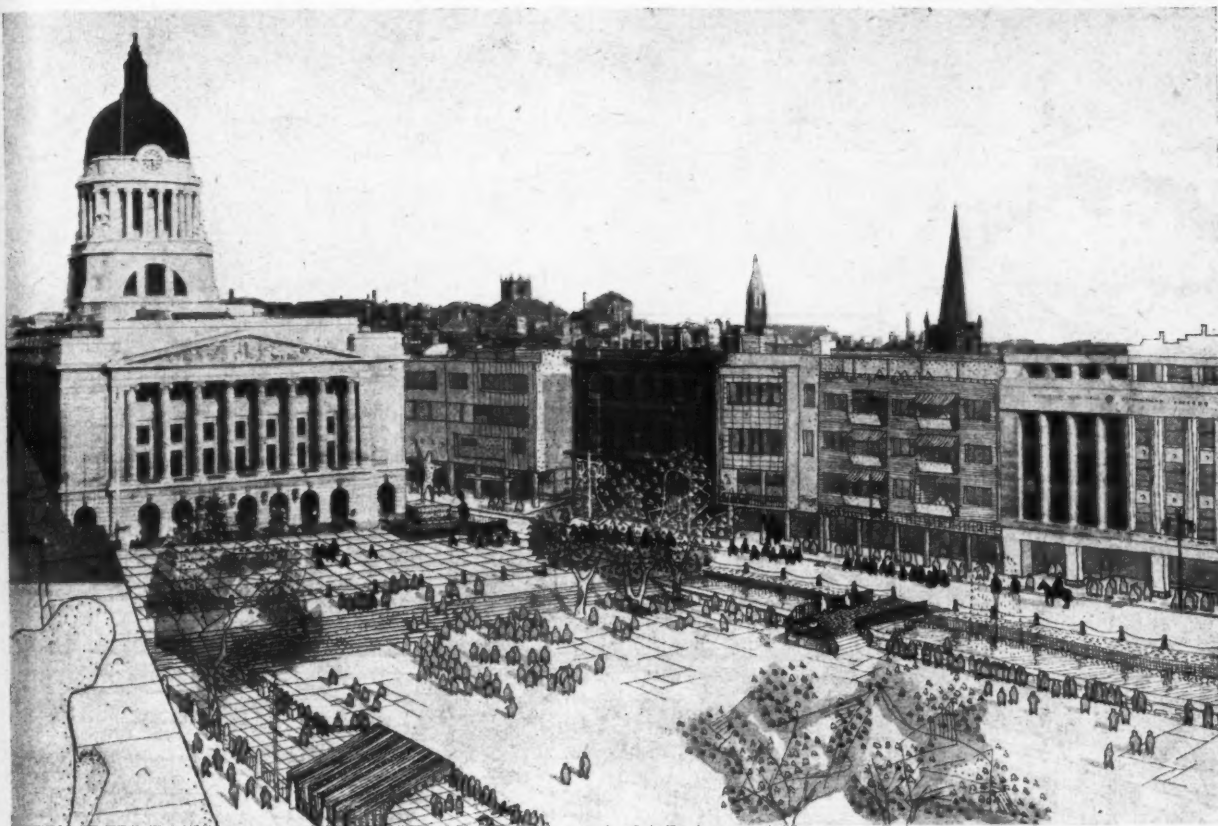
The University. Above are shown the University buildings, designed by Morley Horder, which were a gift of the late Lord Trent, and were opened in 1928, by King George V. They are situated about three miles from the city centre, in University Park, which extends for 220 acres, about half the area being assigned to the college. Sir Percy Thomas has recently completed a plan for the future development of the University site, and this has been approved by the University council. The conference dinner is being held in the Hall of the University, which was granted a charter on July 1, 1948, and recently installed the present Lord Trent as the first Chancellor.



Lenton Abbey Estate (1926-9). The estate (above, left) was laid out under the supervision of the City Engineer. It is typical of the large housing estates developed by the city between the two wars. These include the Chamber Estate, Bridge Estate and Freemen's Estate. In addition, about one-quarter of the area of land within the city boundary is the property of the Corporation.

The Y.M.C.A. This building (above) was designed by T. Cecil Howitt and completed just prior to the war.

The Guildhall. The new extensions to the Guildhall (left), which includes the Police and Fire departments.



The scale and cornice height of the National Provincial Bank (extreme right) maintain a suitable relationship with that of the Council House, and set the standard which should be maintained in any future scheme, for the buildings surrounding the Old Market Square.

OLD MARKET SQUARE

NOTTINGHAM

A PROJECT FOR ITS REDEVELOPMENT
BY STUDENTS OF THE SCHOOL OF ARCHITECTURE



The old Market Square as it exists today, showing the formal layout, which bears no relation to the slope of the ground or the disposition of the traffic routes. The square has become a traffic roundabout and bus station, totally unsuited for use as a civic centre.



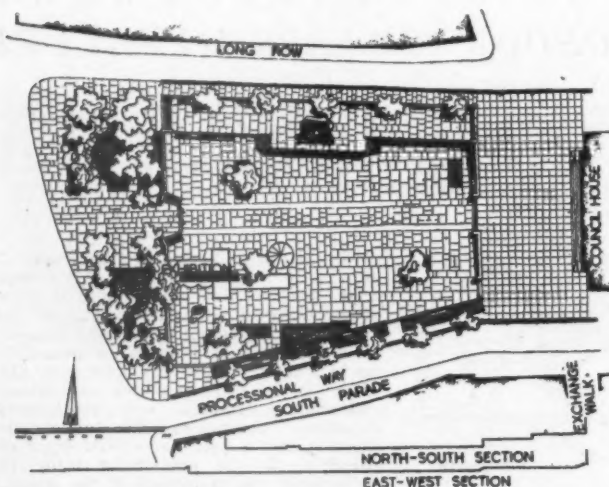
Revised layout plan, showing traffic and ceremonial circulation. Processions are envisaged as originating from three points: (a) from the Church of St. Peter, in Wheeler Gate; (b) from the Castle, down Friar Lane; and (c) from the proposed cultural centre, down Market Street.

The scheme is by D. Bowler, W. A. Clarke, M. F. Cross, R. T. Dennis, A. B. Fuller, J. H. Jillings, M. Palmer and R. A. Wakely. The descriptive text is by D. M. Goodacre.

The Old Market Square, or "Slab Square," provides Nottingham with a clearly defined centre such as few other industrial cities possess. Its recent development, and the use to which it is put at present, however, show little consideration of its potentialities as a centre of everyday community life. While it is still used for exhibitions, impromptu meetings, and occasionally ceremonial processions, this usage calls attention to the need for a civic place of assembly. In the opinion of many of the citizens, the laying-out of the square, contemporary with the building of the Council House, was "monumental" only in the commemorative sense; it marked the end of the days when the old square was a part of the life of the city and of every citizen. Unfortunately, this issue was debated mainly on the subject of Goose Fair, which was moved from the square to the Forest, a recreation ground in the middle of a



Above, The Long Row (North) side of the Market Square showing the proposed new layout in contrast to the barren paving which exists at the present time. Since the plan is a short-time one, no alterations are proposed to the façades of existing buildings, except to remove unnecessary advertisements. The building on the left, today threatens to spoil the scale of the square and it is hoped no new buildings are allowed to exceed the present cornice of the National Provincial Bank. The photographs on the right show various aspects of the square as it is at present.



REVISED LAYOUT OF MARKET SQUARE.

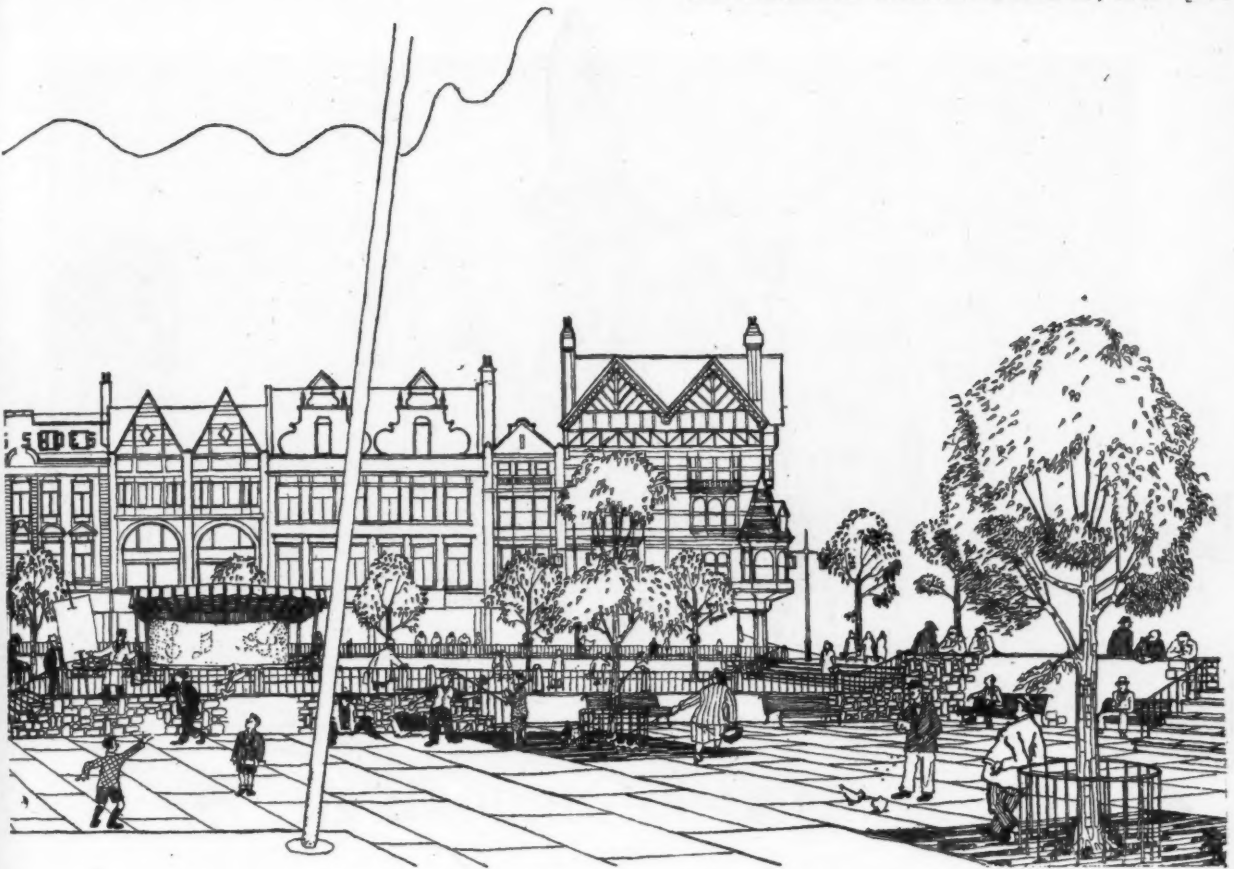
Above, the revised layout plan for the Market Square shows that the main part of the area, used for such activities as public speaking, band performances, exhibitions and everyday promenading, is level, with a raised platform along the northern side. It is screened from the traffic area by a group of trees, while on its other side, in front of the Council House, is an area terminating the processional way which lies to the south. The proposed layout takes into account the slope of the ground, from north to south, which the present layout almost ignores.

residential area. The other form of communal activity associated with the square, the open market, was moved to a more sanitary, and covered-in, market about a quarter of a mile away.

The Old Market Square thus presents for Nottingham a problem similar to that of the South Bank and the area around St. Paul's in London. Although architecturally on a much smaller scale, the sociological significance of the square is much more vital, since its position in the communal life of the city is unique. The square, whose natural slope and disposition of traffic routes militate against any conception of classical serenity, has been laid out on formal lines, and the future development of



Shopping in the colonnades round the square.



the square could be continued on these lines, despite the radical alterations to the site, the surrounding buildings, and the roads that might be necessary.

This scheme is in the nature of a preliminary investigation into the possibilities of the opposite policy. Instead of the logical extension of the classic theme, the production of a miniature Place de la Concorde, only a short-term plan for a revised layout providing a stage for communal activity is considered. The surrounding buildings are not to be swept away, but to be replaced as and when the need arises out of the natural development of community life.

Visual Character.—The Old Market Square, as can be seen from the plans, is "square" only at its Council House end. Complete squareness is not, of course, necessary, but, combined with the slope of the site, the oblique alignment of Beast-market Hill and Wheeler Gate produces a dip in the skyline, forming a breach in what would otherwise be complete enclosure. This is apparent on entering from Chapel Bar, and probably could be corrected only by re-orientating Wheeler Gate and providing a suitably large "stop" at the end of Friar Lane. Such large-scale proposals, which would be necessary in a classical composition, are not within the scope of the

present effort. Taking into consideration the traffic routes, mentioned below, it was decided to consider the square as comprising two parts, one immediately in front of the Council House and the other west of Market Street and Wheeler Gate, and then to consider the design of the former only.

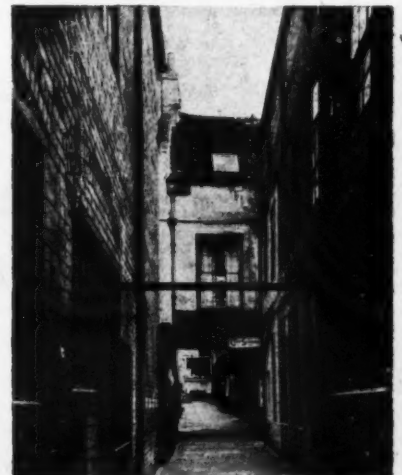
Of the existing buildings in the square, while few can be described as "beautiful," almost all have a certain character, and their scale is small enough to provide a foil to the Council House. In relation to this, any building larger than the National Provincial Bank would tend to destroy the scale of the square, with the ultimate result that the square would lose that "open-ness" which



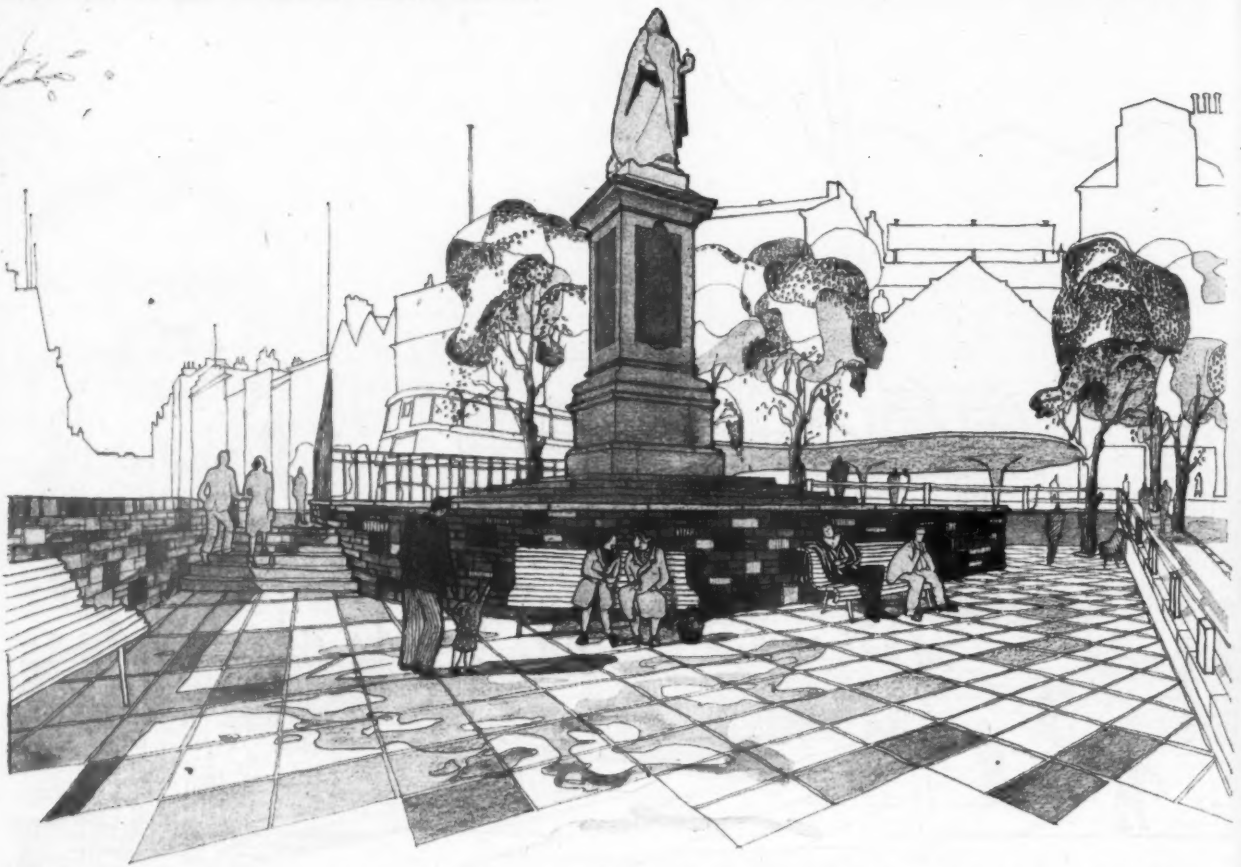
Procession of university graduates.



The square in use as a bus terminus.



A mediæval alley, leading out of the square.



QUEEN VICTORIA'S STATUE. A new layout, showing provision for bus shelters and seats. This new layout shows the statue at the west end of the market square with the railings removed and properly related to the slope of the ground. The photograph below shows the statue, on Beast-market Hill, as it exists at present. On page 573 is a view of the proposed new layout of the square as it appears from this point.

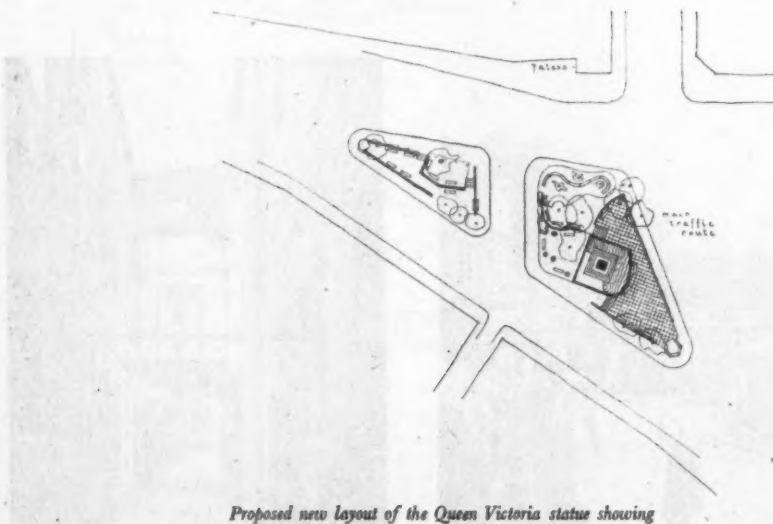
at present forms such a pleasing contrast with the surrounding streets and alleys.

Traffic Routes.—Ideally, perhaps, the square should be a precinct free from all through traffic; and this presents one of the major factors in the problem, since it is at present used as a bus station. One possible solution, already considered by the City Council, is the formation of a ring road,

of which Parliament Street forms the northern part, which might carry the major part of the through traffic around the square and contain bus stations and parking places. Under this scheme, however, the road cuts through masses of buildings to the west, while to the south and east it is not within easy walking distance of the square itself. Even in a long-term plan it would seem preferable to permit traffic to run through

Market Street and across the square to Wheeler Gate, and to allow for this becoming the major north-to-south connection.

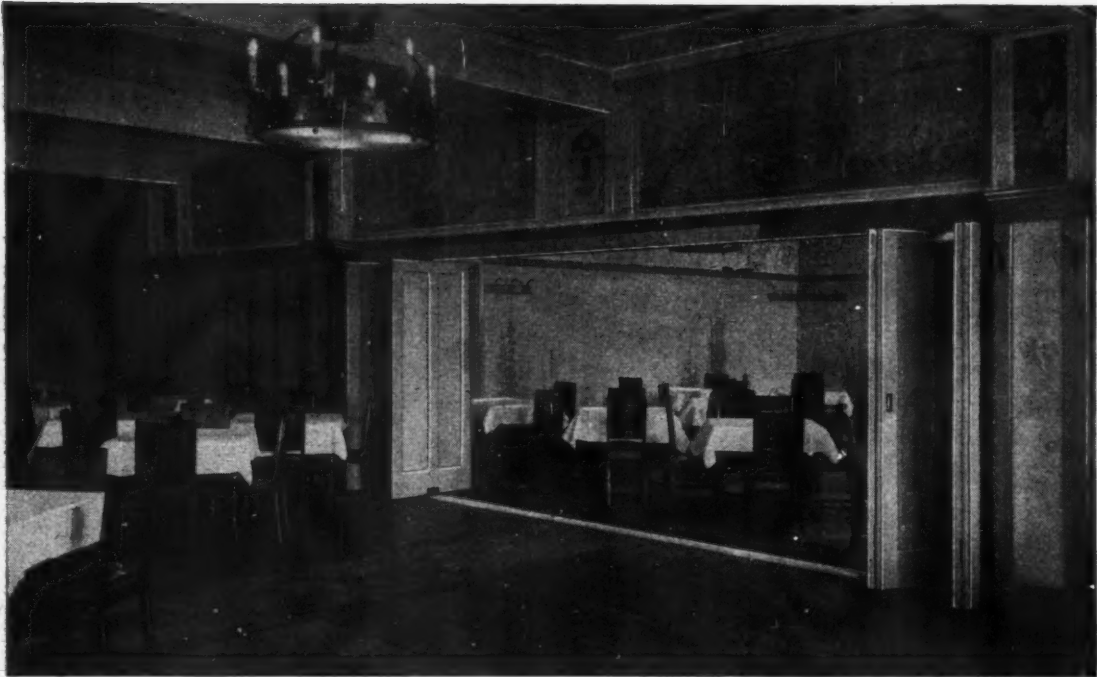
The Market Street-Wheeler Gate connection thus provides the basic element in determining the design of the square. East of it may lie the precinct, almost entirely free of traffic; west of it, the traffic area, probably including a few bus termini.



Proposed new layout of the Queen Victoria statue showing provision for bus stops.



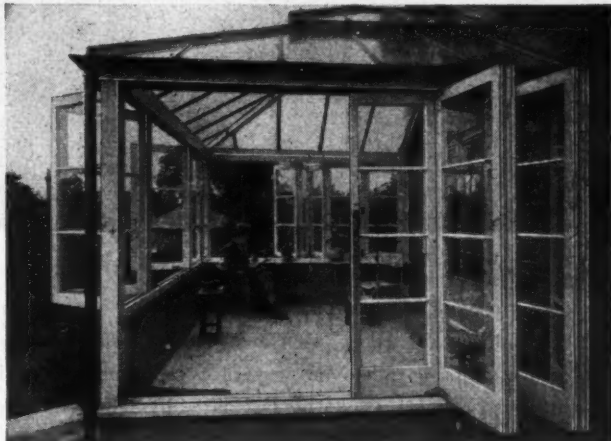
The present day appearance of Queen Victoria's statue.



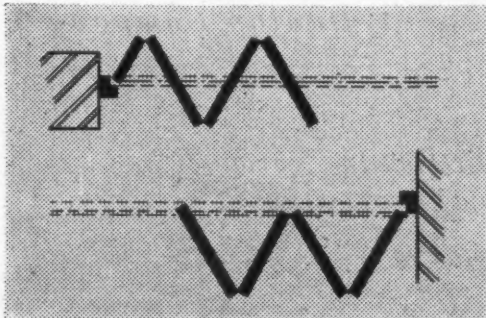
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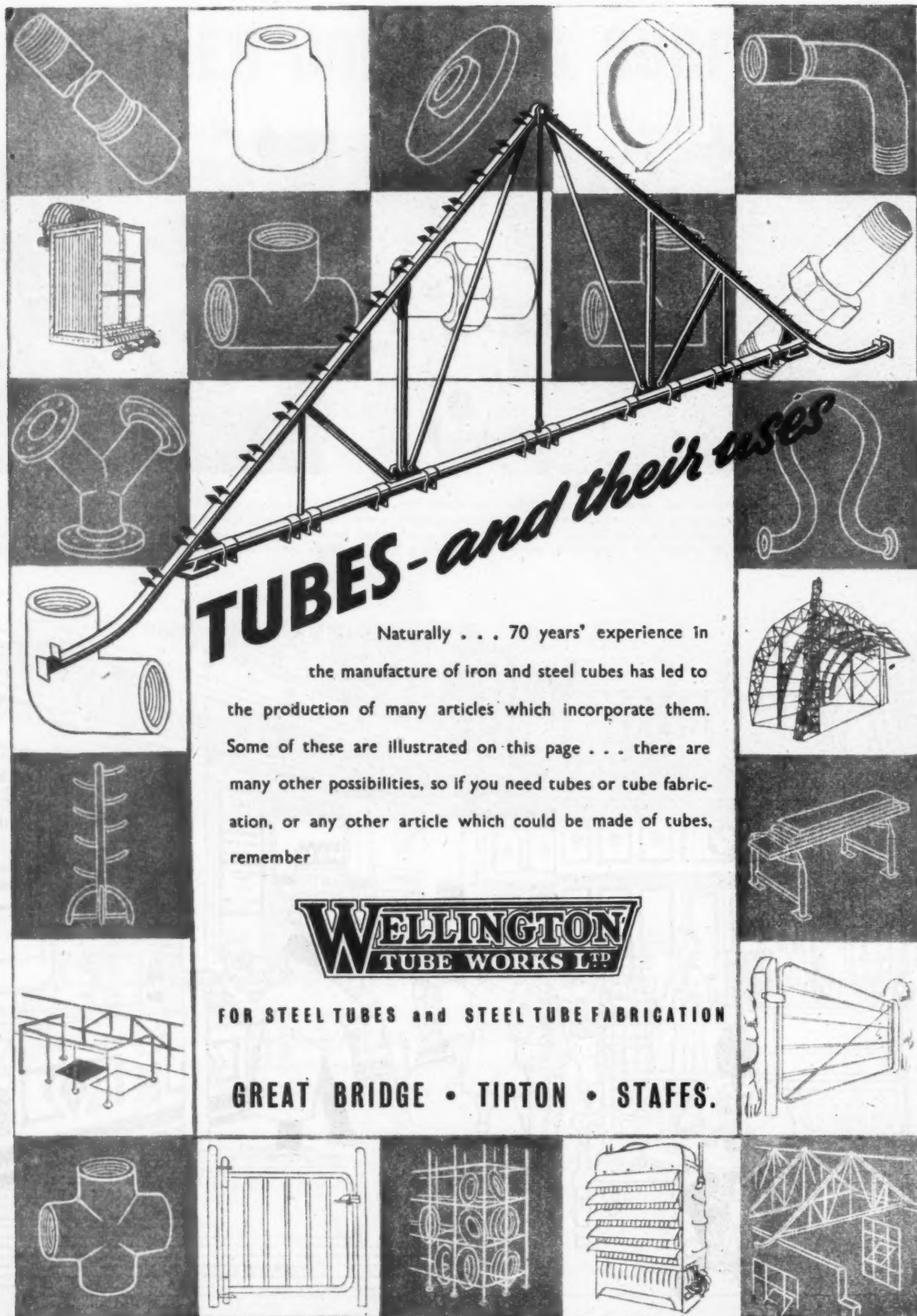
OLD MARKET SQUARE, NOTTINGHAM—[continued]



This perspective shows how, in the proposed new layout, the Council House would be the dominating feature, but an axial layout would be avoided. The main part of the paved area is flat, with a raised platform and bandstand on the north side and fountains screening the processional way on the south. The cornice height of the bank, on the right, is the controlling feature of the south façade. Owing to the slope of the ground, however, it is not so obvious that the Long Row (north) elevation should be similarly controlled. It might be preferable to permit the indeterminate skyline, as found at present, rather than that committed to an arbitrary formality.



TAILPIECE: Yates wine lodge adjacent to the old Market Square. The Victorian interior, characteristic of the town public house as opposed to the parlour of the country pub and the lounge of the hotel, is full of character appropriate to the period of Nottingham's rise to prosperity. It serves the purpose of accommodating large crowds, the need for which was emphasised when the old square was the site for the Goose Fair and the open market.



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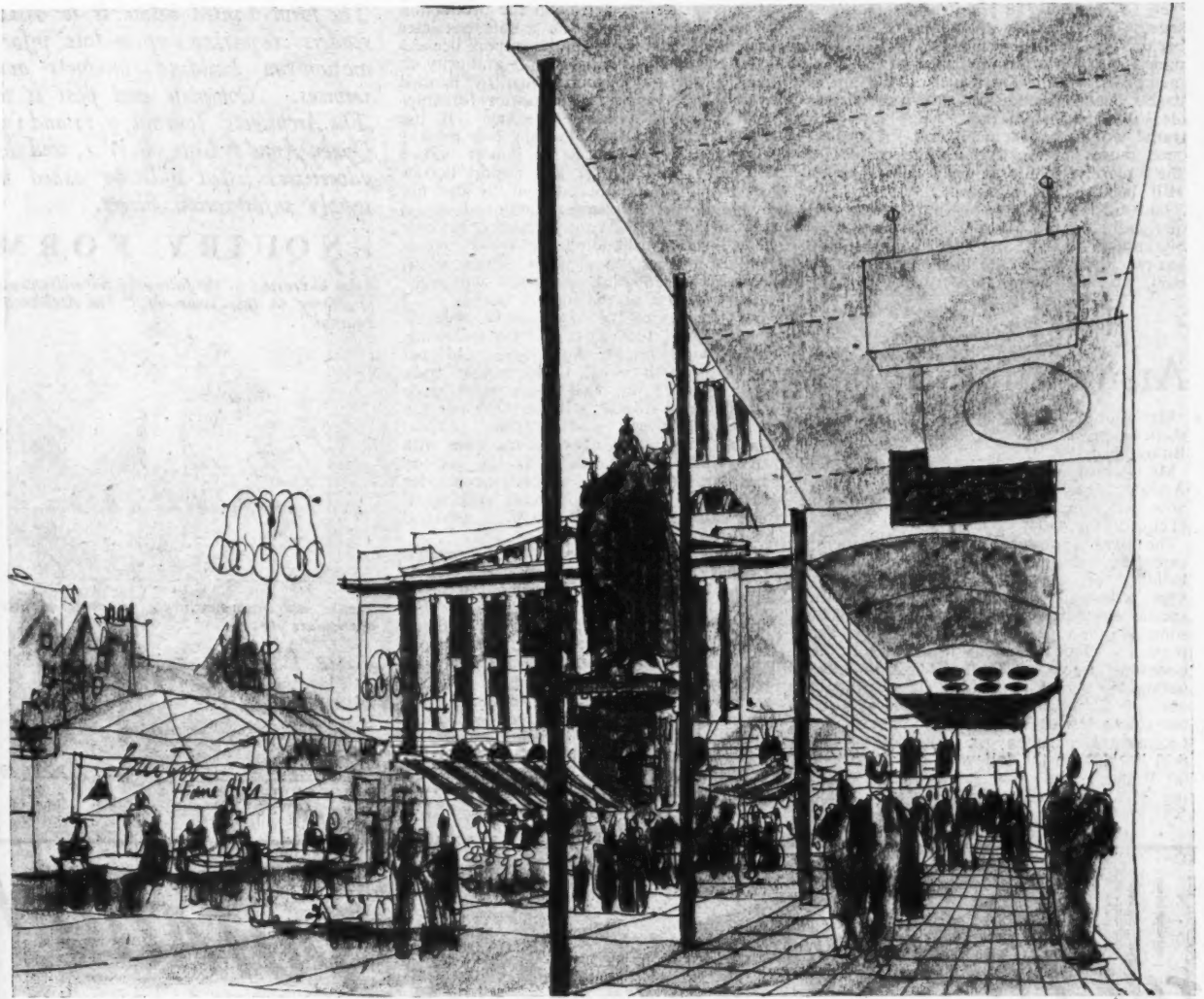
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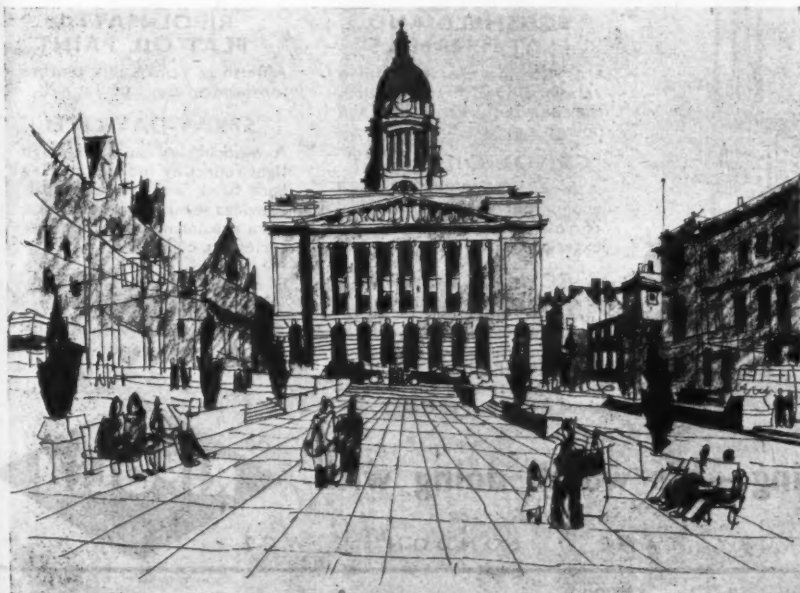
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OLD MARKET SQUARE, NOTTINGHAM A COMMENT ON THE STUDENTS' PROJECT



The drawings shown here are intended as comments by Gordon Cullen on the students' proposals outlined on the preceding pages. Old Market Square (left), as it exists today, is laid out in the beaux-arts manner on the axis of the Council House, its only claim to originality being that the whole square has a slight cross slope. This undoubtedly adds a sense of piquancy to the scene which is missing from the students' scheme. However, the students' plan is, in the main, a sound one. But does it go far enough? Is there enough difference between



LAYOUT PLAN

their scheme and the one it hopes to supersede? It would be a sad thing if students became so "realistic" that they pulled their punches to forestall the criticism of commerce or inertia. The sketch at the top of page 575, and the map beneath it, show their ideas carried to the next stage in which traffic would be excluded and the arcades once more developed round three sides of the square, the fourth side, Beast Market Hill, being a bus terminus.

The square is not laid out symmetrically on the Council House, which is big enough to look after itself. The square has two levels and at the line of change cafés, bars, etc., may be set out to face the sun.

Announcements

Mr. Philip Titherley, A.R.I.B.A., has commenced practice at 19, Hamilton Square, Birkenhead.

Mr. Harald Weinreich, A.R.I.B.A., Chartered Architect, has changed his address and is now practising from 180, Piccadilly, W.1 (Tel. Regent 4404).

The BOT announce that while a general extension of the six months period of validity of import licences cannot be approved, it is appreciated that in certain special circumstances beyond the control of some shippers, it may not be possible for them to effect shipment in time for the goods to arrive at United Kingdom port within the period of validity of the import licence. To meet such a contingency, Timber Control will recommend to the Import Licensing Department the extension of import licences on the following conditions:—
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Mr. L. C. Allen, L.R.I.B.A., will be pleased to receive trade catalogues, circulars, etc., at White House, Wanlip, Leicestershire.

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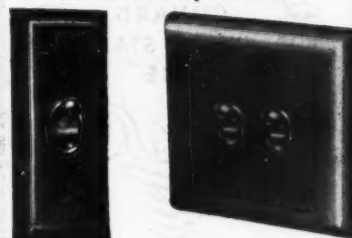
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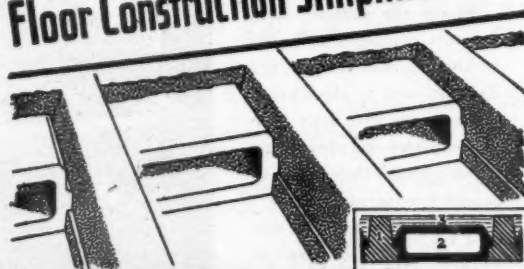


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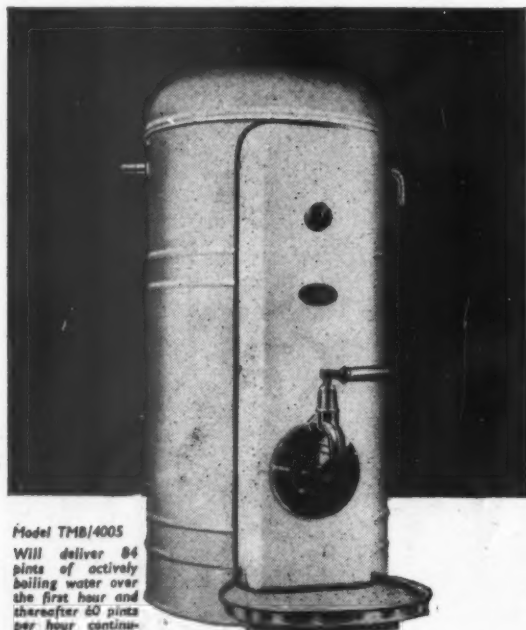
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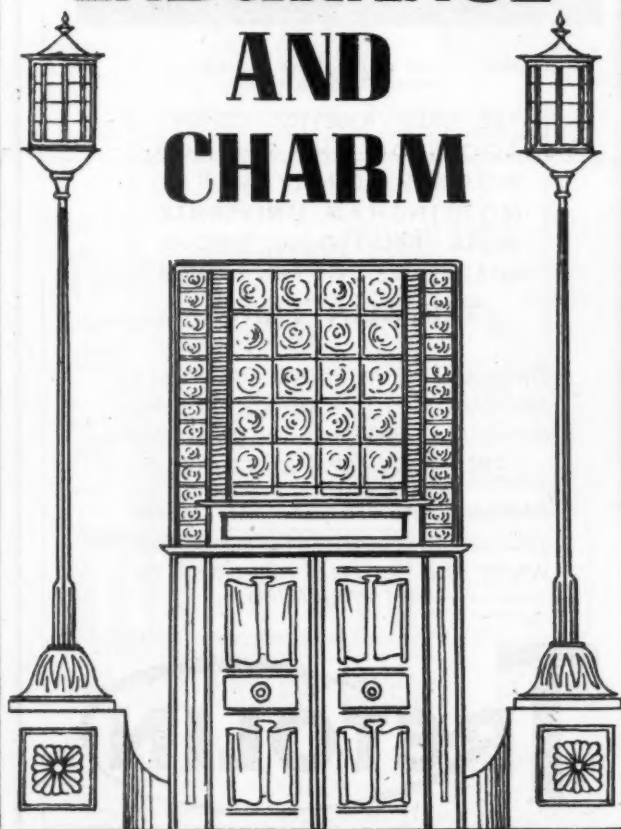
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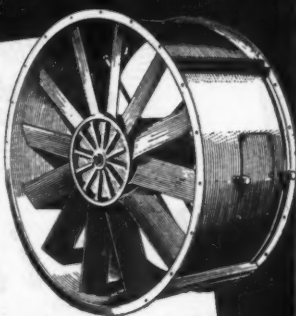
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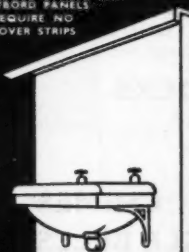
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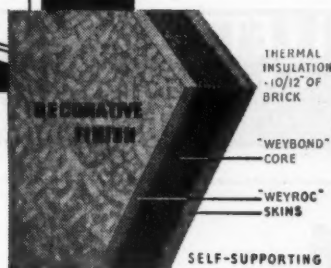
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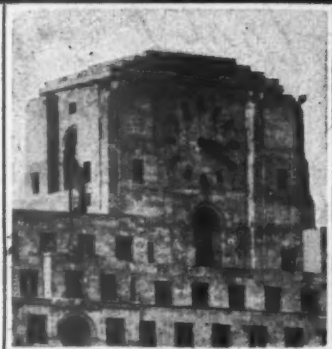
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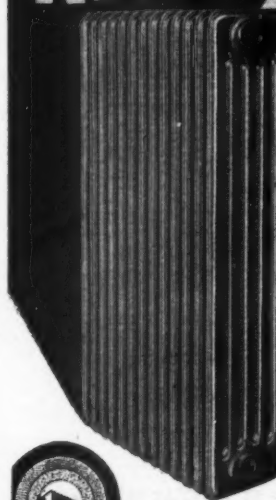
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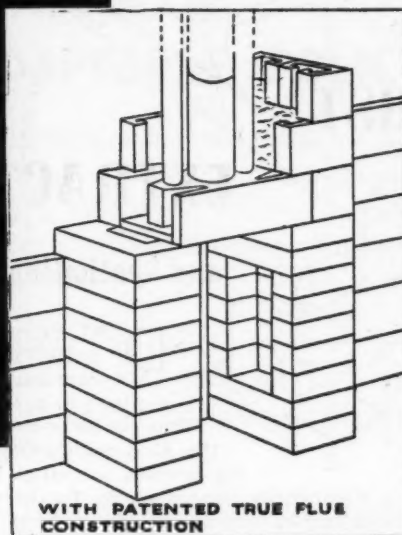
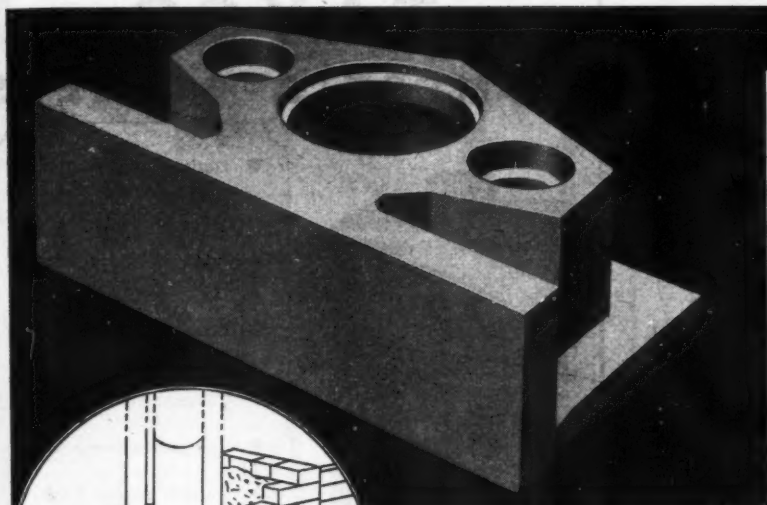
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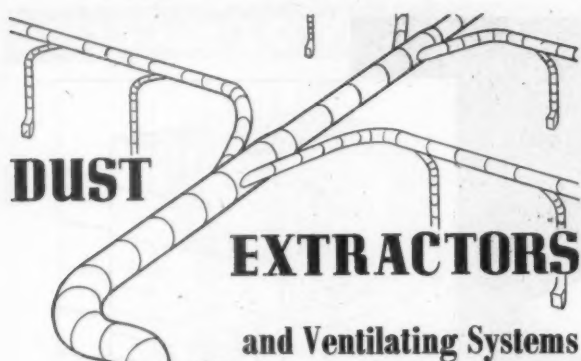
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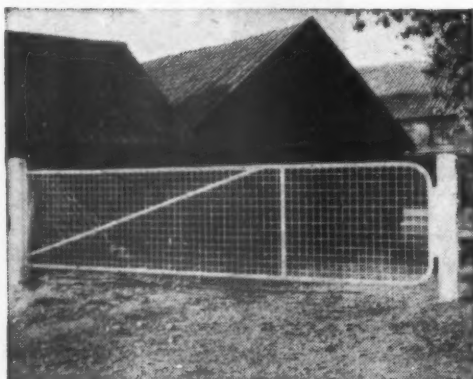
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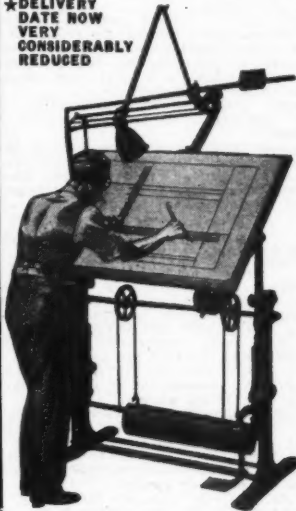
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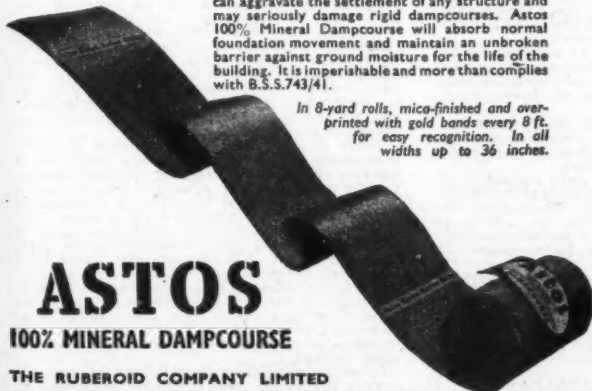


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Successful candidates will be required to undertake the design, layout and preparation of working drawings for housing schemes (cottages and multi-storey flats), and will be employed in the Housing Architect's Division. Preference will be given to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

Forms of application may be obtained from the Director of Housing, The County Hall, Westminster Bridge, S.E.1 (stamped addressed envelope required, and quote Ref. G.R.3). Canvassing disqualified. (2269) 1046

WARWICKSHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited for the undermentioned appointments on the established staff:—

ASSISTANT ARCHITECTS. Grade V, £520-£570 per annum.
ARCHITECTURAL ASSISTANTS. Grade IV, £480-£525 per annum.

ARCHITECTURAL ASSISTANTS. Grade III, £450-£495 per annum.
ARCHITECTURAL ASSISTANTS. Grade II, £420-£465 per annum.

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

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

L. EDGAR STEPHENS,

Clerk of the Council.

Shire Hall, Warwick. 1172

BOROUGH OF COLCHESTER.

TEMPORARY SENIOR ARCHITECTURAL ASSISTANT.

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

Applicants should have had a thorough architectural training, with considerable experience in design and construction, and be familiar with architectural work in connection with Local Authorities' post-war housing schemes. The appointment is subject to one month's notice on either side.

Applications, stating age, qualifications and experience, accompanied by copies of not more than two recent testimonials, must be delivered to the Borough Engineer at the address given below, not later than 1st July, 1949, endorsed "Temporary Architectural Assistant."

Canvassing will disqualify, and applicants must state whether they are related to any member or senior officer of the Council.

N. CATCHPOLE,

Town Clerk.

Town Hall, Colchester. 1229
7th June, 1949.

BOROUGH OF WHITEHAVEN.

ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment in the Borough Surveyor's Department.

Applicants must be Members of the Royal Institute of British Architects, and should have had experience in housing and general building works as carried out by a local authority. Experience in taking off and billing quantities will be an advantage.

The salary will be in accordance with A.P.T. Grade IV, of the National Scales (£480 to £525 per annum).

Applications, stating age, qualifications and experience, together with the names and addresses of two referees, should be addressed to the undersigned not later than Friday, the 1st July, 1949.

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Town Hall, Whitehaven. 1322
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(a) ASSISTANT ARCHITECTS. Commencing salary range £636-£734, inclusive of 6 per cent. London weighting, N.J.B. Schedule, Class J, Grade 7 to 5.

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

Applicants should have had experience in the design and alteration of industrial buildings.

Initial salaries will be in accordance with previous experience and qualifications.

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

The appointments will be Superannuable under the conditions of the Scheme or Regulations to be made under the provisions of the Electricity Act, 1947.

Applications, stating age, experience, present positions and salary required, and endorsed with the appointment sought, should be submitted to arrive not later than 30th June, 1949, to the Divisional Controller, British Electricity Authority, Eastern Division, Northmet House, Southgate, N.14.

W. N. C. CLINCH,

Controller.

SALOP COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the appointment of an ASSISTANT QUANTITY SURVEYOR, on A.P.T., Grade IV (£480-£525 per annum).

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

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

G. C. GODBER,

Clerk of the Council.

Shrewsbury. 1268
June, 1949.

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

Applicants should have a good knowledge of building construction and materials, be experienced in specification writing, be able to prepare working drawings, to issue instructions to Contractors, and supervise the execution of the works.

The age of applicants should not be less than 25 years or over 45 years and the salary range will be between £375 per annum and £625 per annum, according to experience and qualifications. Applicants should be at least equal to the Intermediate standard of the Royal Institution of Chartered Surveyors.

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

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

Applications, giving full personal details and particulars of qualifications, experience, age, past and present appointments, together with one recent testimonial, should be forwarded to George Holliday, F.R.I.C.S., City Surveyor, 55/61, Moor-gate, London, E.C.2. 1287

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Successful applicants would be required to be responsible for the work of sections of the Department primarily concerned with reconstruction proposals and the preparation of Development Plans.

Applicants must be Corporate Members of the Town Planning Institute, and preference will be given in one appointment to those having architectural training or qualifications.

The Council has in the past given assistance in the provision of HOUSING ACCOMMODATION in requisitioned premises or alternatively a special subsistence allowance may be paid to a married applicant for a period of six months after taking up the appointment if he is unable to secure housing accommodation immediately.

Applications, stating age, present position, qualifications and experience, together with names of three responsible persons to whom reference may be made, must be delivered to the undersigned, marked "City Planning Appointment," not later than 30th July, 1949.

Canvassing will disqualify.

V. BLANCHARD,

Town Clerk.

City Council Chambers, Southsea. 1344
14th June, 1949.

BRECONSHIRE COUNTY COUNCIL. COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following established posts (Male or Female) in the County Architect's Department:—

TWO ASSISTANT ARCHITECTS. Grade IV, £480-£525 per annum.

ONE ARCHITECTURAL ASSISTANT. Grade III, £450-£495 per annum.

TWO ARCHITECTURAL ASSISTANTS. Grade II, £420-£465 per annum.

ONE QUANTITY SURVEYOR. Grade VII, £635-£710 per annum.

The appointments will be subject to (i) the National Scheme of Conditions of Service, (ii) the provisions of the Local Government Superannuation Act, 1937, (iii) the passing of a satisfactory medical examination, and (iv) one month's written notice on either side.

Canvassing, directly or indirectly, will definitely disqualify the candidate for the appointment.

Applications must be made on a form to be obtained from the County Architect, Mr. H. C. W. Strickland, F.R.I.B.A., Watton Offices, Brecon, South Wales, and must be received by the undersigned not later than 6th July, 1949.

C. M. S. WELLS,

Clerk of the County Council.

County Hall, Brecon. 1311

CITY OF COVENTRY.

Applications are invited for the following whole-time appointments on the permanent staff of the City Architectural Department:—

(a) ONE ASSISTANT ARCHITECT. Salary on Grade A.P.T., VII, commencing at £635 per annum and rising to £710 per annum.

(b) ONE ASSISTANT ARCHITECT. Salary on Grade A.P.T., V, commencing at £520 per annum and rising to £570 per annum.

In certain circumstances, housing accommodation may be made available for the successful applicants in the cases of (a) and (b).

(c) ONE ASSISTANT ARCHITECT. Salary on Grade A.P.T., IV, commencing at £480 per annum and rising to £525 per annum.

Applicants should be Associate Members of the Royal Institute of British Architects, or hold equivalent qualifications.

(d) ONE ASSISTANT ARCHITECT. Salary on Grade A.P.T., III, commencing at £450 per annum and rising to £495 per annum.

Applicants should have passed the Intermediate examination of the Royal Institute of British Architects.

(e) ONE ASSISTANT ARCHITECT. Salary on Grade A.P.T., II, commencing at £420 per annum and rising to £465 per annum.

(f) ONE ASSISTANT QUANTITY SURVEYOR. Salary on Grade A.P.T., IV, commencing at £480 per annum and rising to £525 per annum.

Salary increments are subject to satisfactory service.

The posts are subject to one month's notice on either side and to the provisions of the Local Government Superannuation Act, as amended in regard to annuities to widows by the Coventry Corporation Act, 1936, and a satisfactory certificate will be requisite from the Council's Medical Referee. The successful male applicants will be required to contribute to the Municipal Officers' Widowed and Orphans' Pension Fund.

Applications for all the above appointments must be made on the forms obtainable from the undersigned, and should be returned completed, together with copies of not more than two recent testimonials, or names of two persons to whom reference may be made, not later than ten days after the publication of this advertisement.

Canvassing, directly or indirectly, will be a disqualification.

D. E. E. GIBSON,

City Architect.

1A, Warwick Row, Coventry. 1343
23rd June, 1949.

HIS MAJESTY'S COLONIAL SERVICE.

A vacancy exists for an ARCHITECT in the Public Works Department, Hong Kong. Salary in the scale \$1,046 to \$1,820 per month, inclusive of expatriation pay (sterling equivalent: £785 to £1,365 per annum).

Candidates should be physically fit, British subjects, and between 25 and 45 years of age. They must be Associates of the Royal Institute of British Architects, preferably possessing a University degree in architecture, and should have had at least 5 years' practical experience. The successful candidate will be required to prepare designs, sketch plans and working drawings for Government buildings, and to supervise their erection and the carrying out of contracts in connection with Government buildings.

Terms of service include a temporary and non-pensionable cost-of-living allowance, which for a married officer with a child or children amounts to £570 a month. For a married officer without children 80 per cent. of the standard allowance is payable, and for an unmarried officer 66 per cent. Government quarters are provided if available at a rent of not more than one-seventh of the basic salary. Free 1st class passages are provided for the officer, his wife and family, on first appointment, and on leave after normal tours of 4 years. Leave on full pay at the rate of one day for every week of resident service. The appointment is on agreement for 3 years in the first instance, with prospects of permanent and pensionable employment thereafter.

Intending candidates should write at once for further particulars and forms of application to the Director of Recruitment, Colonial Office, Sanctuary Buildings, Great Smith Street, London, S.W.1, quoting reference No. 27301/37. 1329

COUNTY BOROUGH OF ROCHDALE. BOROUGH SURVEYOR'S DEPARTMENT. APPOINTMENT OF TWO ARCHITECTURAL ASSISTANTS.

Applications are invited for the appointment of TWO ARCHITECTURAL ASSISTANTS, in the Borough Surveyor's Department, on Grade IV of the A.P.T. Division of the National Joint Council's Scales, at a salary of £480 per annum, rising to £525 per annum.

Applicants should be Registered Architects, and have a thorough knowledge of Architectural work, with practical experience in the design of public buildings of all types.

The appointments will be subject to the provisions of the Local Government Superannuation Acts and to the selected candidates passing a medical examination.

Canvassing is prohibited, and candidates must disclose whether to their knowledge they are related to any member or senior officer of the Council.

Applications, stating age, qualifications and full particulars of experience, together with the names of two persons to whom reference may be made, and endorsed "Architectural Assistant," must be delivered to the Borough Surveyor, Town Hall, Rochdale, not later than 9 a.m. on Monday, the 18th July, 1949.

G. F. SIMMONDS,
Town Clerk.

Town Hall, Rochdale.
16th June, 1949. 1345

EAST SUFFOLK COUNTY COUNCIL. COUNTY PLANNING DEPARTMENT.

Applications invited for the appointment of an AREA OFFICER in the County Planning Department.

The salary will be within the Grades VIII-IX (£685-£900 a year) of the National Joint Council's Scales, with scale allowance for use of motor car, and will be determinable by one month's notice on either side.

Candidates must have had wide experience of all aspects of Town and Country Planning, preferably in the redevelopment of central areas, development control, and the preparation of factual surveys, and must be either Members or Associate Members of the Town Planning Institute, preference being given to those possessing additional qualifications in engineering, surveying or architecture. Experience of control of an area office is essential.

The successful applicant will be required to reside in the Lowestoft area.

Applications, endorsed "Area Officer," stating age, qualifications, experience, present and past appointments, present salary, and giving names and addresses of two referees, to be delivered to the undersigned not later than the first post Thursday morning, the 14th July, 1949.

Canvassing, directly or indirectly, will disqualify.

G. C. LIGHTFOOT,
Clerk of the County Council.

County Hall, Ipswich. 1323

CITY OF WAKEFIELD. ENGINEER'S DEPARTMENT.

Applications are invited for the appointment of a Senior Architectural Assistant, at a salary within Grade A.P.T. VI (£595-£660). The commencing salary will be fixed in the light of the successful applicant's qualifications.

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

Candidates should state in writing whether to their knowledge they are related to any member or senior official of the Corporation. Canvassing will be a disqualification.

Applications, endorsed "Senior Architectural Assistant," stating age, qualifications, present and previous appointments, testimonials, should be sent to me not later than Saturday, the 9th July, 1949.

The Council will give favourable consideration to the provision of housing accommodation.

W. S. DES FORGES,
Town Clerk.

11th June, 1949. 1301

THURROCK URBAN DISTRICT COUNCIL. ENGINEER AND SURVEYOR'S DEPARTMENT.

ARCHITECTURAL ASSISTANT, GRADE III. A vacancy occurs in the Council's Architectural Staff for an Assistant on Grade III of the A.P.T. Division of the National Scale of Salaries, viz., £450-£515-£495 per annum.

General architectural experience is necessary, and previous success in some part or parts of the Examination leading to the qualification A.R.I.B.A. will be an advantage.

The Council will provide housing accommodation, if required, to the successful candidate residing more than 20 miles from Thurrock Urban District.

The appointment is subject to the provisions of the Local Government Superannuation Act, 1937, and it will be necessary for the selected candidate to pass a medical examination.

Applications, stating age, qualifications, and experience, with copies of not more than three testimonials, endorsed "Architectural Assistant III," should reach the undersigned not later than 1st post on Tuesday, 5th July, 1949.

Canvassing will disqualify, and applicants must disclose in writing any relationship to any member or Senior Officer of the Council.

A. E. POOLE,
Clerk of the Council.

Council Offices, Whitehall Lane, Grays.
9th June, 1949. 1291

MINISTRY OF WORKS. SENIOR ARCHITECTURAL ASSISTANT IN DELHI.

Applications are invited from single men only, to fill the above vacancy. The officer appointed will take charge of the Ministry's Drawing Office in Delhi, which is staffed with locally recruited draughtsmen. He will also be required to carry out some of the more important drawing work himself, and possibly some minor administrative duties.

Salary: £625-£750 per annum.

Foreign service allowance (tax free): £500 per annum.

Kit allowance: £50.

Terms of service: three years.

Home leave: three months at end of term of service.

Local leave: 30 days per annum, plus 21 days' "hot weather leave" to be taken locally.

Fares and baggage costs are paid by the Department.

Apply in writing, giving full details of age, nationality, training, qualifications and experience, to Chief Architect, W.610/AF, Ministry of Works, Abeli House, London, S.W.1, quoting reference WG10/DELHI. 1302

COUNTY OF ESSEX. ILFORD COMMITTEE FOR EDUCATION.

The Essex County Council invite applications for an ARCHITECTURAL ASSISTANT, to work in the office of the Borough Engineer to deal with work for the Committee for Education. Applicants should be members of the Royal Institute of British Architects, and should have had experience in the planning, designing, construction and supervision of school buildings.

The scale of salary will be in accordance with the National Joint Council A.P.T. Division, Grade V, £520-£515-£520 to a maximum of £570, plus the appropriate London area allowance. There will also be paid such travelling and subsistence allowances as may from time to time be determined by the Council.

Applications should be made on a form to be obtained from and returned to the Borough Education Officer, Town Hall, Ilford, together with copies of not more than three recent testimonials, within 14 days of the appearance of this advertisement. 1341

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

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the following temporary appointment:—

ARCHITECTURAL ASSISTANT, Grade VI (A.P.T. Division of the National Scale), at a salary of £595-£660 per annum, plus London weighting allowance of £30 per annum.

Candidates should preferably be Associated Members of the Royal Institute of British Architects.

Applications, stating age, present and previous appointments, technical training, qualifications, experience, etc., together with the names of three referees, must be delivered to Mr. J. H. Melville Richards, A.M.I.C.E., M.I.Mun.E., Borough Engineer and Surveyor, Hornsey Town Hall, N.8, not later than the 30th June, 1949.

Canvassing, either directly or indirectly, will disqualify.

H. BEDALE,
Town Clerk.

Town Hall, Hornsey, N.8. 1273

HUNTINGDONSHIRE COUNTY COUNCIL. COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following Architectural Assistants:—

(a) SENIOR ARCHITECTURAL ASSISTANT. Salary, A.P.T. Division, Grade VI, £595-£660.

(b) SENIOR ARCHITECTURAL ASSISTANT. Salary, A.P.T. Division, Grade V, £520-£570.

(c) ARCHITECTURAL ASSISTANT. Salary, A.P.T. Division, Grade III, £450-£495.

(d) ARCHITECTURAL ASSISTANT. Salary, A.P.T. Division, Grade II, £420-£465.

The appointments are terminable by one month's notice on either side, and will be subject to the Local Government Act, 1937.

Applications, stating age, qualifications, experience, present position and which grade applied for, together with copies of two testimonials or the names of two referees, should be sent to S. J. Hands, A.R.I.B.A., County Architect, County Buildings, Huntingdon, by not later than Tuesday, 28th June, 1949.

JOHN KELLY,
Clerk of the County Council.

County Buildings, Huntingdon. 1296

B.E.C. invites applications from Registered Architects for the post of ARCHITECTURAL ASSISTANT, based in London. Applicants should preferably be school trained. They must possess a sound knowledge of modern building, have ability in design, and be able to supervise junior architectural staff. Starting salary will be dependent on qualifications and experience, and is in a grade with annual increments of £40 and a maximum salary of £890 per annum. Prospects of promotion to a higher grade. The successful candidate will be eligible for consideration for appointment to the established staff (Contributory Pension Scheme) after a qualifying period of two years.

Applications, stating age, qualifications, and details of past and present appointments and experience, should reach the Engineering Establishment Officer, Broadcasting House, London, W.1, within 7 days of the appearance of this advertisement. 1309

CROWN AGENTS FOR THE COLONIES. Applications from qualified candidates are invited for the following post:—

JUNIOR CIVIL ENGINEERING DRAUGHTSMAN required for British Solomon Islands for two years. Salary and allowances, £(Fiji)622 a year (present rate of exchange £(Fiji)111 equals £100 sterling). Free passages. Candidates should be single, and have had good experience as Civil Engineering Draughtsmen, including reinforced concrete work and road design. Apply at once by letter, stating age, and full particulars of qualifications and experience, and mentioning this paper, to the Crown Agents for the Colonies, 4, Millbank, London, S.W.1, quoting M/N/23987/3D on both letter and envelope 1325

BOROUGH OF BARNES. TEMPORARY ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment. Applicants should be good draughtsmen and be capable of preparing plans and details for general architectural work. The salary attached to the appointment is £420-£415-£465 per annum, plus London weighting.

Applications, giving the names of three referees, must be sent to the undersigned not later than 2nd July, 1949.

W. R. SHEPHERD, A.M.I.C.E.,
A.M.T.P.I.,
Borough Engineer and Surveyor.

Municipal Offices, Sheen Lane, S.W.14. 1306

EAST ANGLIAN REGIONAL HOSPITAL BOARD.

Applications are invited for the appointment of ARCHITECTURAL ASSISTANT (salary Grade VIII, A.P.T. Division, £685-£25-£760) on the Board's Headquarters Staff. Candidates should be Associate Members of the Royal Institute of British Architects, with good knowledge of construction and design and capable of carrying out large contracts.

The appointment will be subject to the National Health Service (Superannuation) Regulations, 1947.

Applications, on forms to be obtained from the undersigned, should be completed and returned not later than 11th July, 1949.

K. V. F. MORTON,
Secretary.

117, Chesterton Road, Cambridge. 1293

CITY OF CARLISLE. CHIEF ASSISTANT ARCHITECTS.

Applications are invited for the following posts:—

(a) CHIEF ASSISTANT ARCHITECT, for General Architectural Work.

(b) CHIEF ASSISTANT ARCHITECT, for Schools Work.

The salary for both posts is in accordance with A.P.T., Grade VII (£635-£710). Applicants should be members of the Royal Institute of British Architects.

Forms of application may be obtained from the City Engineer, 18, Fisher Street, Carlisle, to whom applications should be returned not later than Saturday, 9th July, 1949.

H. D. A. ROBERTSON,
Town Clerk.

15, Fisher Street, Carlisle. 1346

CITY OF STOKE-ON-TRENT EDUCATION COMMITTEE.

SCHOOLS OF ART.

Principal: R. H. MARLOW, A.R.C.A.

Required for September, 1949:—

(1) Full-time ARCHITECT, to take charge of Architectural students for Intermediate and Advanced R.I.B.A. Courses, and Ministry of Education Examinations in this subject, together with Interior Decoration. There is ample opportunity for development in this department.

Salary will be in accordance with the Burnham Scale.

Applications, giving particulars of training, qualifications and experience, should be sent immediately to the Principal, School of Art, Queen Street, Burslem, Stoke-on-Trent.

J. F. CARR,
Director of Education.

Town Hall, Hanley, Stoke-on-Trent. 1292

NEWCASTLE-UPON-TYNE REGIONAL HOSPITAL BOARD.

DARLINGTON MEMORIAL HOSPITAL (200-500 BEDS).

The Board desires to appoint a PRACTISING ARCHITECT or FIRM OF ARCHITECTS for the re-organization and extension of the above Hospital.

The initial phase will probably consist of the planning of a large Out-Patient Department and new Ward Unit.

Applicants must have had experience in the planning and construction of hospitals.

Particulars of the Board's system of administration for architectural projects, including inter alia Committee organization and arrangements for consultation with the appropriate officers of the Hospital Management Committee and the Regional Hospital Board may be obtained from the undersigned.

Architects who are willing to receive an invitation to act are desired to state their special qualifications for undertaking this project (quoting examples of hospital work executed), and to submit their application not later than the 30th June, 1949, to the Secretary to the Board.

E. D. JENKINS,
Secretary.

"Dunira," Osborne Road,
Newcastle-upon-Tyne, 2.

9th June, 1949. 1294

BOROUGH OF WALTHAMSTOW. BOROUGH ARCHITECTS' DEPARTMENT. ASSISTANT ARCHITECTS.

Applications are invited for the permanent positions of TWO ASSISTANT ARCHITECTS, at a salary in accordance with Grade VI of the National Joint Council for Local Authorities' Administrative, Professional and Technical Division (£296, rising to £660 by annual increments, plus London weighting allowance according to the scale).

Applicants should be Members of the Royal Institute of British Architects and, for one of the posts, must have a high ability in design and construction, and should have had considerable experience in connection with the design of modern houses and flats; experience in the design of reinforced concrete structures will be an advantage; and for the other post, should have had experience in the preparation of town planning and reconstruction schemes.

The appointments will be subject to the Local Government Superannuation Act, 1937, to the National Joint Council's Conditions of Service, to the successful candidates passing a medical examination, and to termination by one month's notice on either side.

Applications, stating age, qualifications and experience, accompanied by names and addresses of three persons to whom reference may be made, must reach the undersigned, endorsed "Assistant Architect," not later than Saturday, the 9th July, 1949.

Canvassing in any form will be deemed a disqualification, and applicants must disclose any relationship to any member of the Council or holder of any senior office under the Council.

G. A. BLAKELEY,
Town Clerk.

Town Hall, Walthamstow, E.17. 1368

Amended Advertisement. CITY AND COUNTY OF THE CITY OF LINCOLN. CITY HOUSING ARCHITECT'S DEPARTMENT.

Applications are invited for the appointment of ARCHITECTURAL ASSISTANT, in the City Housing Architect's Department, at a salary of Grade III in the A.P.T. and T. Division of the scale of salaries of the National Joint Council for Local Authorities' Administrative, etc., Services, namely £450 per annum, rising by annual increments of £15 to a maximum of £495 per annum.

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

Applications, stating age and experience, together with the names of two persons to whom reference may be made, should be delivered to the City Housing Architect, Stamp End, Lincoln, not later than Monday, the 4th July, 1949.

Canvassing, either directly or indirectly, will disqualify.

J. H. SMITH,
Town Clerk.

Town Clerk's Office, Lincoln. 1290
June, 1949.

BOROUGH OF BLYTH.

SENIOR ARCHITECTURAL ASSISTANT.
Applications are invited for the appointment of a Senior Architectural Assistant in the Borough Engineer's Department. Salary, Grade V, A.P.T., namely £520-£570 per annum.

Applicants must be Corporate Members of the Royal Institute of British Architects, and have had good experience in Municipal housing work.

The appointment is subject to—
(a) The National Scheme of Conditions of Service;

(b) the provisions of the Local Government Superannuation Act, 1937, and

(c) the passing of a medical examination.
Applications, suitably endorsed and accompanied by three recent testimonials, must reach the undersigned not later than Monday, 11th July, 1949.

Canvassing will disqualify, and applicants must state whether, to their knowledge, they are related to any member or senior official of the Council.
Housing accommodation will be provided if necessary.

EDWIN W. CARTER,
Town Clerk.

75, Marine Terrace, Blyth, 1300
Northumberland.

**COUNTY BOROUGH OF EASTBOURNE.
BOROUGH ENGINEER'S DEPARTMENT.
APPOINTMENT OF QUANTITY SURVEYOR.**
Salary Grade: A.P.T. VII (£635×£25-£710 p.a.).
Applications are invited for the above appointment.

The appointment is subject to the Local Government Superannuation Act, 1937, and the National Joint Council's Conditions of Service.
Applications must be fully experienced in the preparation of Estimates, Bills of Quantities, Measuring-up, and the adjustment of Final Accounts.

Applications, giving full details of age, present position and salary, qualifications and experience, together with the names and addresses of two persons to whom reference may be made, to be received by the undersigned not later than 9 a.m. on Tuesday, the 5th July, 1949.

RAYMOND WILLIAMS, B.Sc.,
A.M.I.C.E.,
Borough Engineer and Surveyor.

2/4, Saffrons Road, Eastbourne. 1351
17th June, 1949.

ILFORD COUNTY OF ESSEX. COUNTY COMMITTEE FOR EDUCATION. The Essex County Council invite applications for a SECTIONAL ASSISTANT ARCHITECT in the Office of the Borough Engineer of Ilford.

Applicants should be Members of the Royal Institute of British Architects, and have had considerable experience in the planning, designing, construction and supervision of School buildings and have had administrative experience.

The scale of salary will be in accordance with the National Joint Council, A.P.T. Division, Grade VII, £635×£25 to £710, plus the appropriate London area allowance. There will also be paid such travelling and subsistence allowances as may from time to time be determined by the Council.

Applications should be made on a form to be obtained from, and returned to, the Borough Education Officer, Education Offices, Town Hall, Ilford, together with copies of not more than three recent testimonials, within 14 days of the appearance of this advertisement. 1342

COUNTY BOROUGH OF BARROW-IN-FURNESS.

BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

AMENDED ADVERTISEMENT.
Applications are invited for the following permanent appointments:

(a) SENIOR ASSISTANT ARCHITECT. Grade VII, £635-£710 p.a.

(b) ASSISTANT ARCHITECT. Grade VI, £595-£660 p.a.

(c) ASSISTANT ARCHITECT. Grade III, £450-£495 p.a.

(d) BUILDING SURVEYOR. Grade Va, £550-£610 p.a.

(e) QUANTITY SURVEYOR. Grade VI, £595-£660 p.a.

Candidates for post (a) must be Associates of the R.I.B.A.

For other posts the possession of a recognized professional qualification will be an advantage. The Council has accepted the principle of providing HOUSING ACCOMMODATION.

Appointments will be subject to: (1) The National Scheme of Conditions of Service; (2) The provisions of the Local Government Superannuation Act, 1937; (3) termination by one month's notice on either side; (4) the successful candidate passing a medical examination, and (5) becoming a member of the appropriate Trade Union.

Further details of the posts and forms of application may be obtained from the Borough Engineer and Surveyor, to whom completed applications must be returned not later than Saturday, 9th July, 1949.

Canvassing in any form will disqualify.
W. L. ALLEN,
Town Clerk.

1362

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

Applications are invited for the following appointments:

(a) JUNIOR ENGINEERING ASSISTANT (A.P.T. Grade I, £390-£435 per annum).

(b) ARCHITECTURAL ASSISTANT (within A.P.T. Grade V, £520-£570 per annum).

Applicants for appointment (a) (permanent staff) should preferably have reached the standard of the Intermediate examination of the Institution of Municipal Engineers.

Appointment (b) is at present temporary, but is expected to last for at least 5 years, with the prospect of a permanency. Applicants should hold suitable qualifications and have had some experience in housing.

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

Applications, stating age, qualifications, experience, etc., together with copies of two recent testimonials, should be sent to the undersigned in envelopes appropriately endorsed so as to be received not later than Saturday, 2nd July, 1949.

Canvassing disqualifies, and applicants must state whether to their knowledge they are related to any member or senior officer of the Council.

F. H. ASHTON,
Town Clerk.

Town Hall, Prestwich, Lancs. 1361
17th June, 1949.

BOROUGH OF REIGATE. APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the appointment of Architectural Assistant, on the staff of the Borough Surveyor, at a salary in accordance with Grade IV of the A.P.T. Division of the National Scale of Salaries (£480-£525 per annum). Applicants should have previous experience in connection with the design of buildings and estate development and the conversion of existing properties into flats. The appointment is subject to the provisions of the Local Government Superannuation Act, 1937, and to the passing of a medical examination.

Housing accommodation will be provided for the successful candidate if he is a married man. Forms of application may be obtained from Mr. George G. Sanderson, Borough Surveyor, Town Hall, Reigate. Applications, endorsed "Architectural Assistant," and accompanied by copies of three recent testimonials, must reach the undersigned not later than Wednesday, 6th July, 1949.

HEBER DAVIES,
Town Clerk.

Town Hall, Reigate. 1299
June, 1949.

**FIFE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.**
Applications are invited for the post of ARCHITECTURAL DRAUGHTSMAN. Applicants must have had experience in an Architectural drawing office and be quick and accurate draughtsmen. Consolidated salary £330, rising to £450 per annum. Medical test under Superannuation Scheme. Applications, stating age, experience, and qualifications, to be lodged with the undersigned by 3rd July, 1949.

J. M. MITCHELL,
County Clerk.

County Buildings, Cupar-Fife. 1367
17th June, 1949.

AMENDED ADVERTISEMENT. METROPOLITAN BOROUGH OF FULHAM. ASSISTANT QUANTITY SURVEYOR.

Applications are invited for the above permanent appointment in the Quantity Surveyor's Section of the Housing and Public Buildings Department.

Salary: A.P.T. Grade IV/V (£480-£570 per annum, plus London weighting).

The duties will consist mainly in "taking off" for large blocks of flats in new schemes, and experience in a similar capacity is essential.

Applications on the official form, which may be obtained from me, must be returned not later than 12th July, 1949.

CYRIL F. THATCHER,
Town Clerk.

Town Hall, Fulham, S.W.6. 1366

COUNTY COUNCIL OF DURHAM. COUNTY PLANNING DEPARTMENT.

Applications are invited for the following permanent appointments in the County Planning Department:

(a) FOUR PLANNING ASSISTANTS, Grade VI, A.P.T. of the National Scheme of Conditions of Service (£595-£660).

(b) FOUR PLANNING ASSISTANTS, Grade III, A.P.T. (£450-£495).

(c) TWO JUNIOR PLANNING ASSISTANTS, Grade I, Miscellaneous Division (£315-£360).

Applicants for—

(a) must be suitably qualified, and preference will be given to candidates with architectural qualifications;

(b) one vacancy is for a candidate with landscape experience and qualifications, other candidates should be suitably qualified by experience and examinations;

(c) previous planning experience will be an advantage.

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

Canvassing, either directly or indirectly, will disqualify. Applicants must disclose in writing whether to their knowledge they are related to any member or to the holder of any senior office under the Council.

Applications, stating age, married or single, and giving full particulars of qualifications and experience, and the names of three persons to whom reference may be made, must be delivered to the County Planning Officer, 10, Church Street, Durham, by 5th July, 1949.

J. K. HOPE,
Clerk of the County Council.

Shire Hall, Durham. 1358
15th June, 1949.

LONDON ELECTRICITY BOARD. Applications are invited for the following appointments in the Architects Section of the Chief Engineer's Department in Central London.

(a) ASSISTANT ARCHITECTS. Commencing salary will be from £650 per annum, dependent upon qualifications and experience.

Applicants should preferably be Associate Members of the R.I.B.A. They should be capable of preparing working drawings and specifications and should have had good general experience in design and construction.

(b) ARCHITECTURAL ASSISTANTS. Commencing salary will be from £500 per annum dependent upon qualifications and experience.

Applicants should be studying for or have passed the Intermediate Examination of the R.I.B.A., be capable draughtsmen and have had several years' experience in an Architect's office.

(c) DRAUGHTSMEN. Commencing salary will be from £350 per annum, dependent upon ability and experience.

Applicants should be neat draughtsmen and preferably have had several years' experience in an Architect's office.

The salaries for the above post are provisional and the salaries and conditions of employment will be in accordance with those laid down from time to time by the appropriate negotiating body.

The successful candidates will be required to contribute to a superannuation scheme and may be required to pass a medical examination.

Application should be made on forms obtainable from the Establishments Officer, London Electricity Board, 46/47, New Broad Street, London, E.C.2, to whom they should be returned, duly completed, within fourteen days of the publication of this notice. 1365

LONDON ELECTRICITY BOARD.

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The salary for the above post is provisional and the salary and conditions of employment will be in accordance with those laid down from time to time by the appropriate negotiating body.

The successful candidate will be required to contribute to a superannuation scheme and may be required to pass a medical examination.

Application should be made on forms obtainable from the Establishments Officer, London Electricity Board, 46/47, New Broad Street, London, E.C.2, to whom they should be returned, duly completed, within fourteen days of the publication of this notice. 1356

HERTFORDSHIRE COUNTY COUNCIL. COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments:—

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(d) **SENIOR QUANTITY SURVEYORS, GRADE VI.** £595-£660.

(e) **ASSISTANT QUANTITY SURVEYORS, GRADE V.** £520-£570.

(f) **ASSISTANT QUANTITY SURVEYORS, GRADE IV.** £480-£525.

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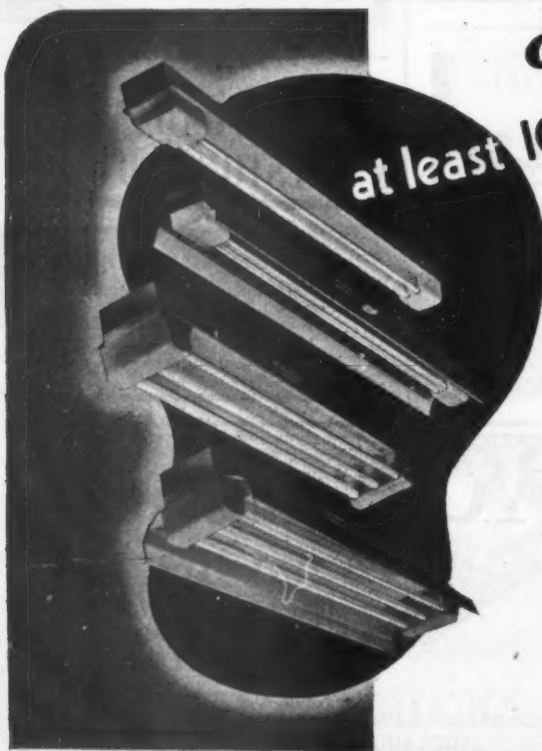
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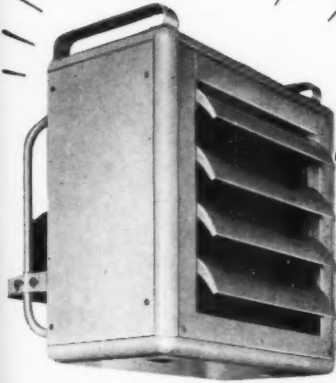
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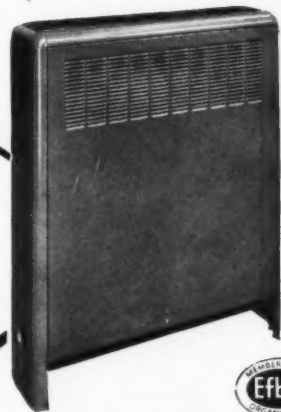
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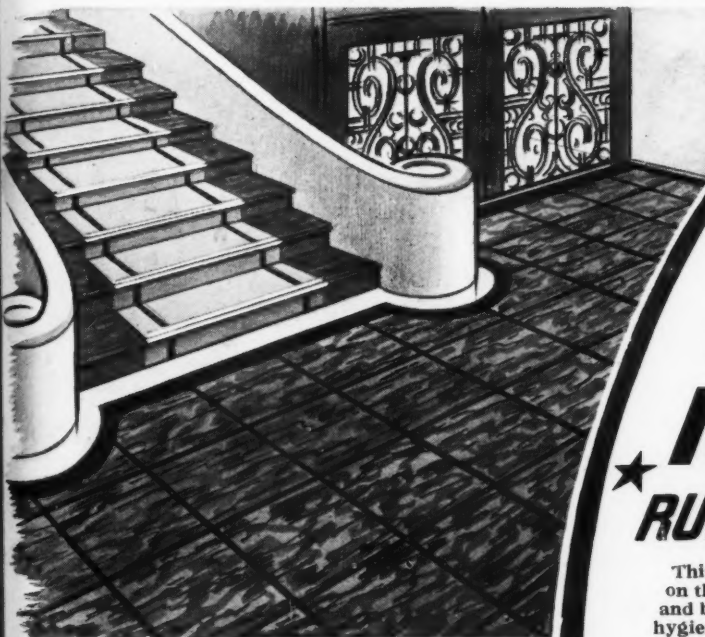
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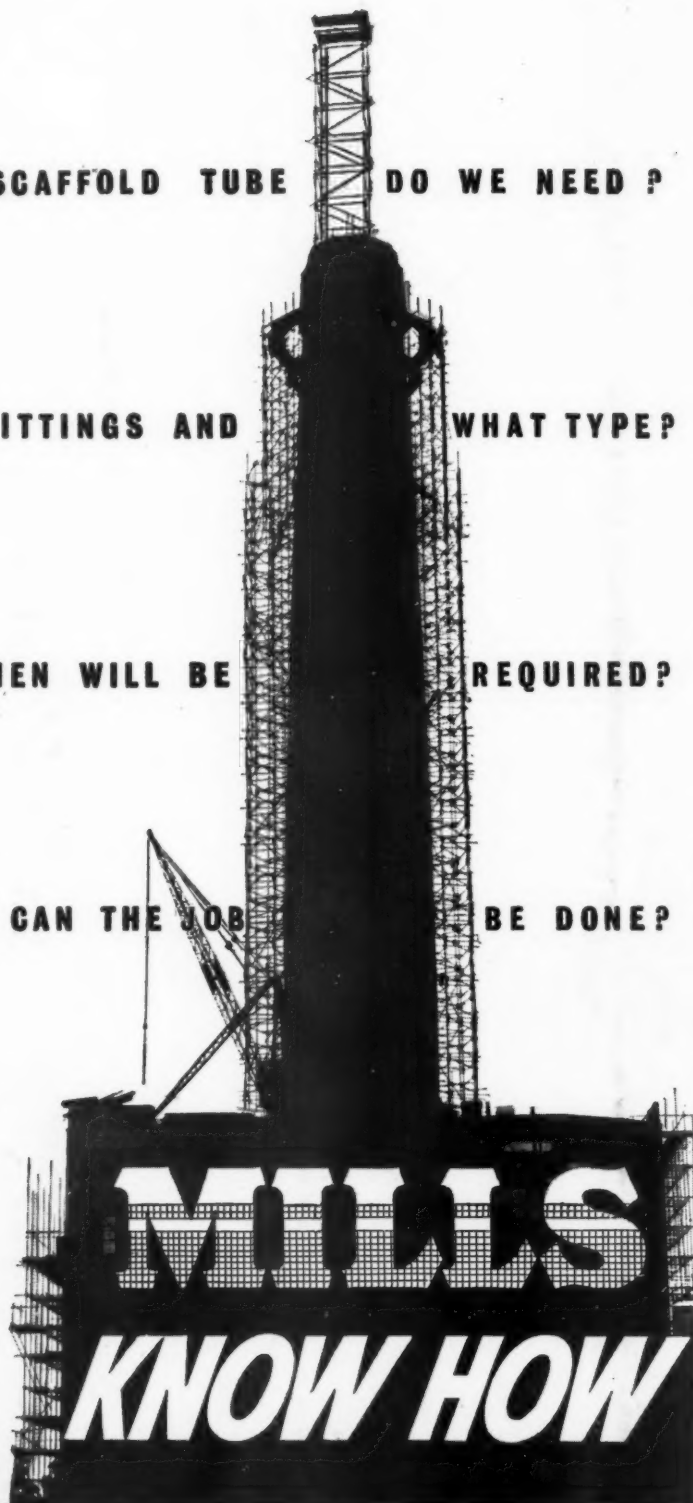
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