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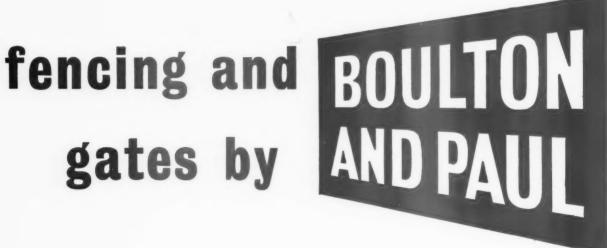
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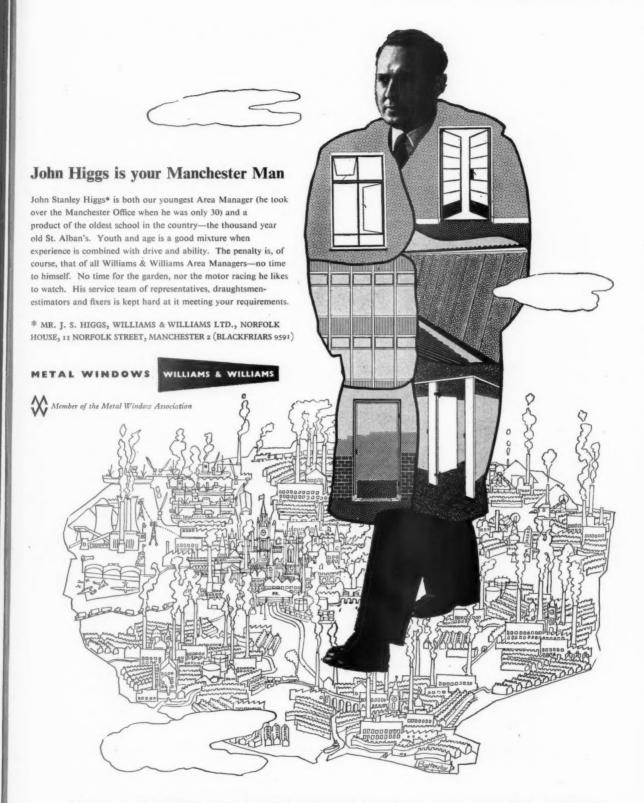
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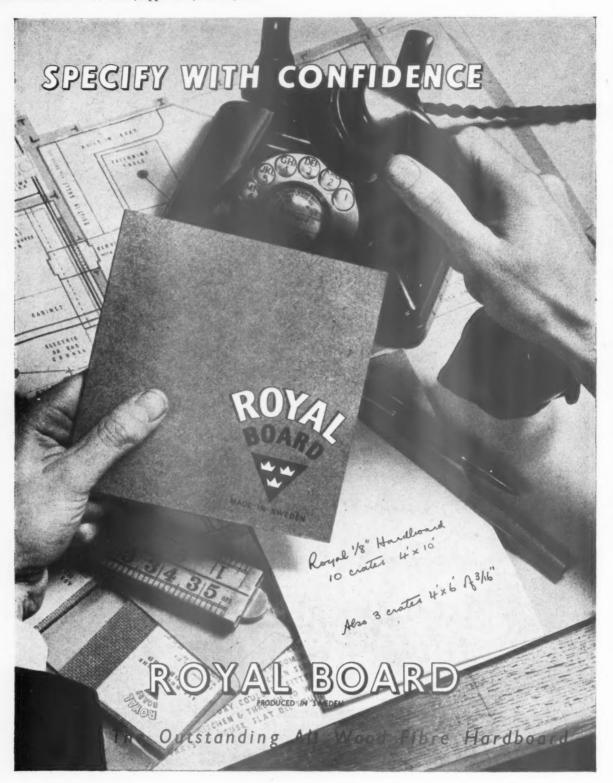
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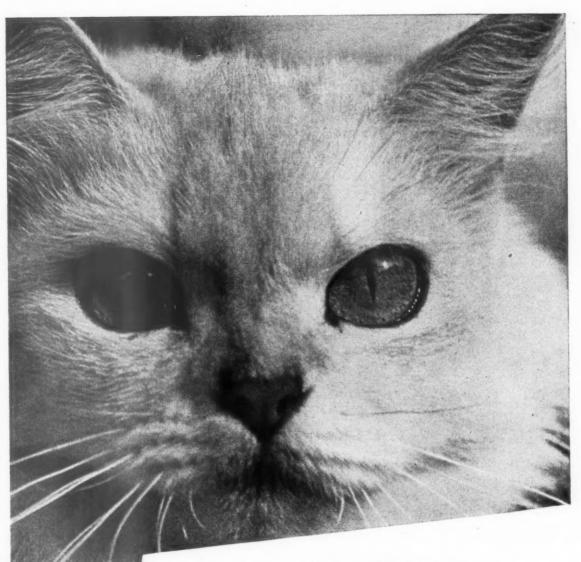
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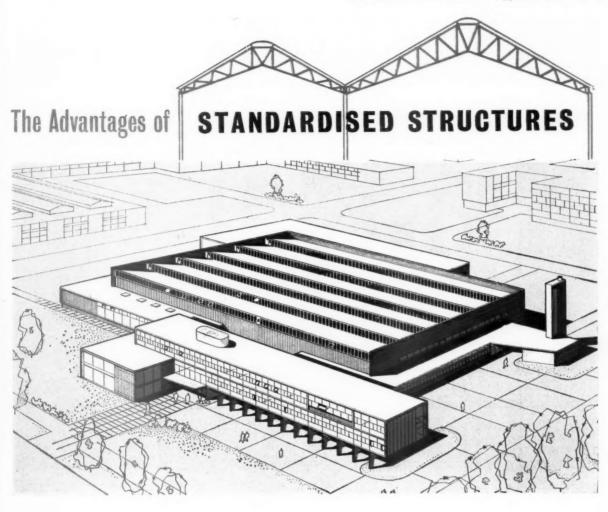
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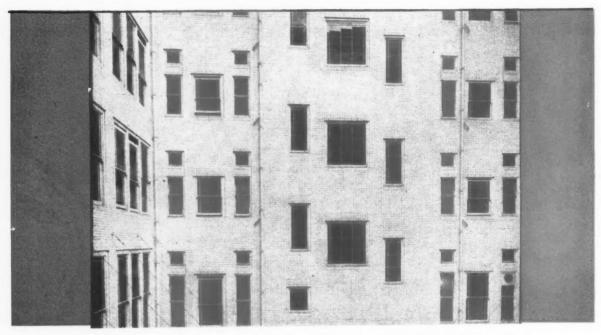


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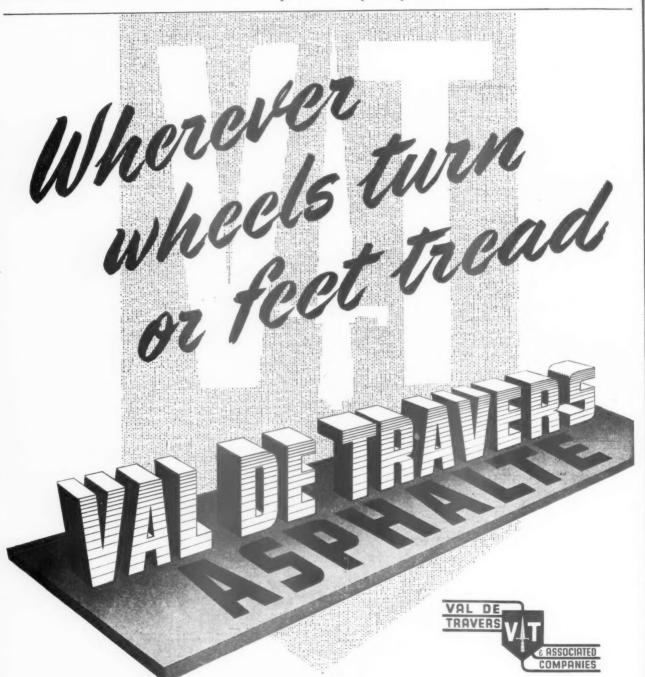
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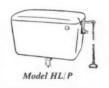


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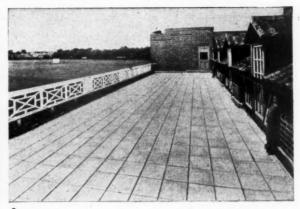
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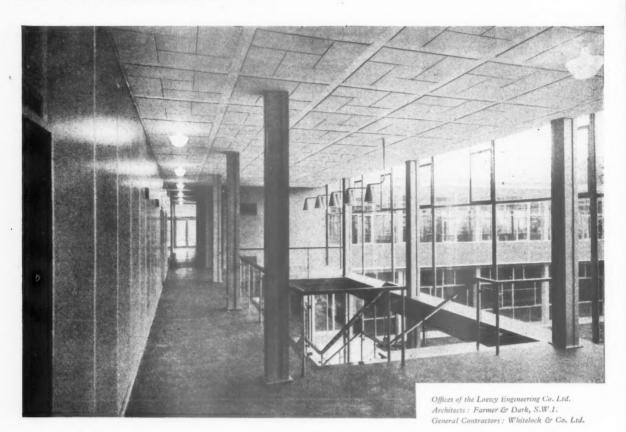
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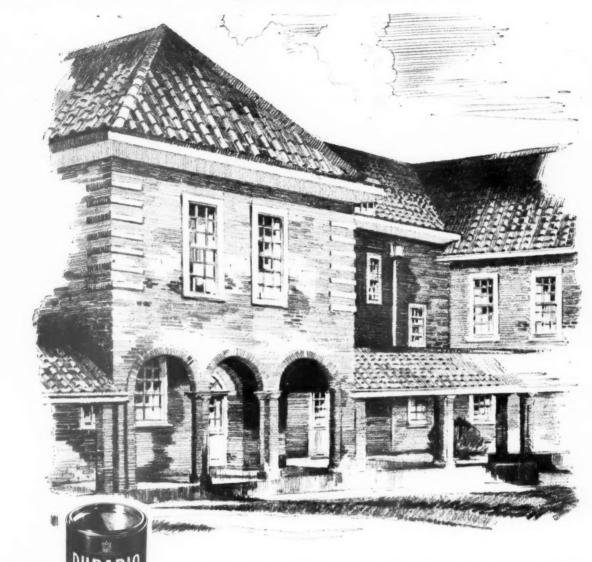
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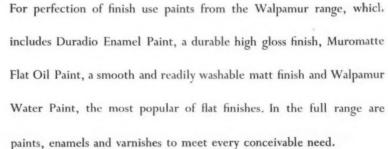
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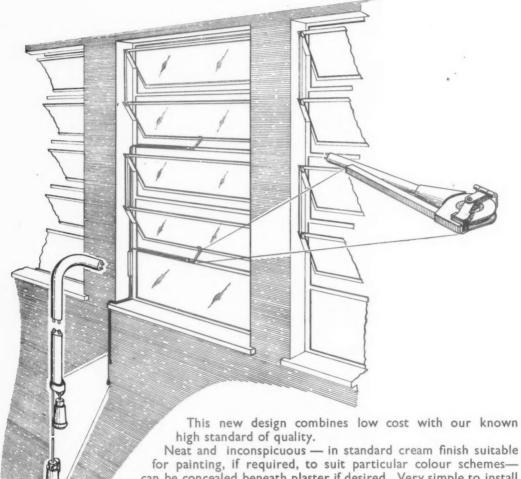
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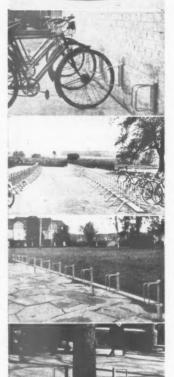
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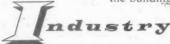




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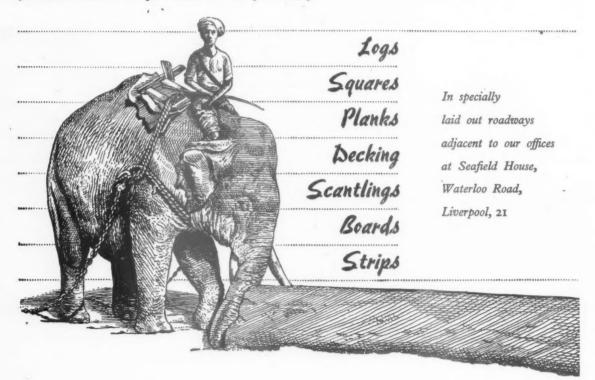


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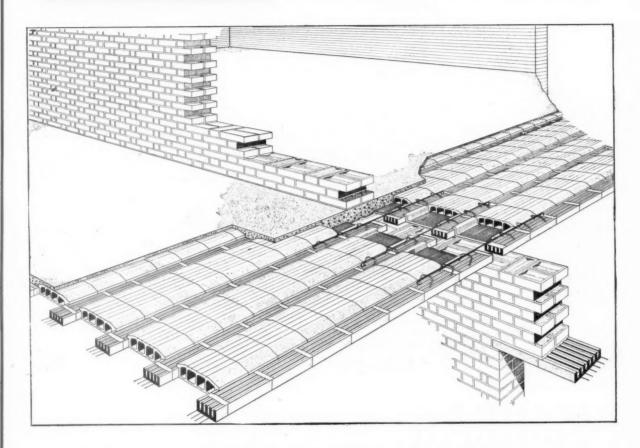
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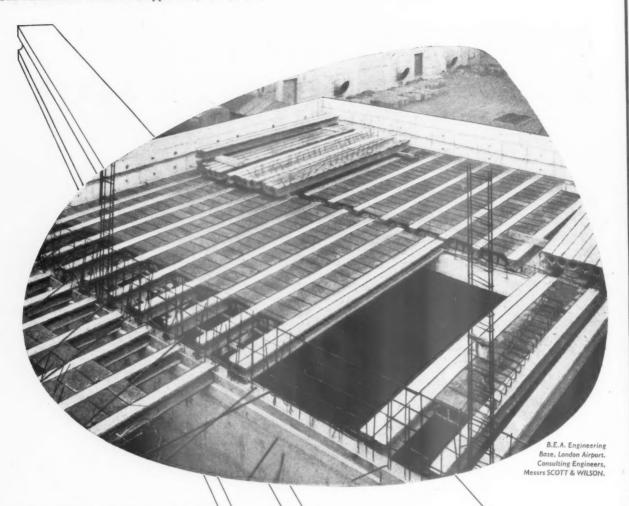
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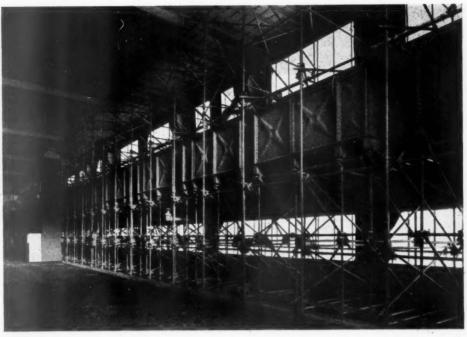
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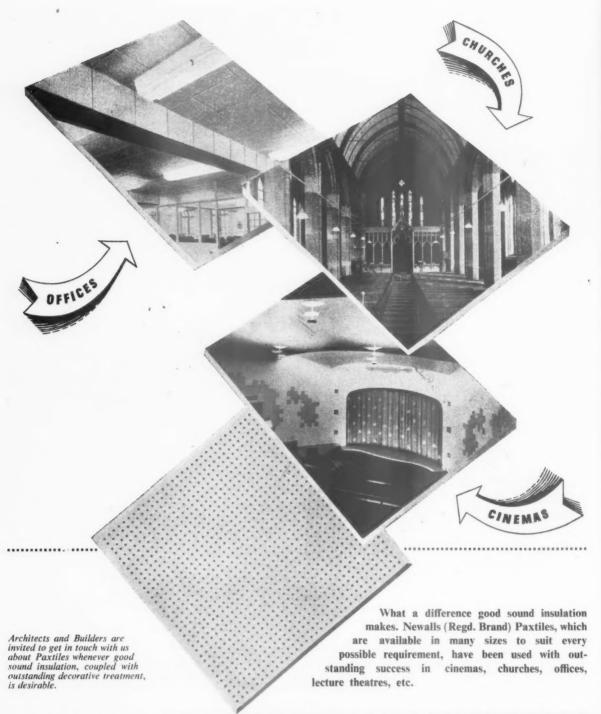
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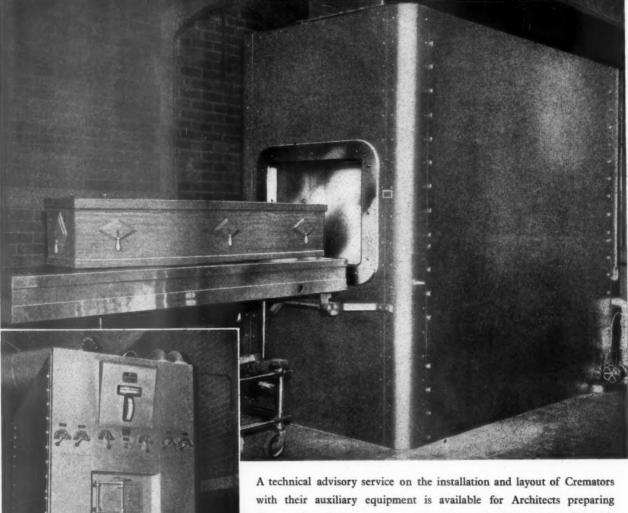
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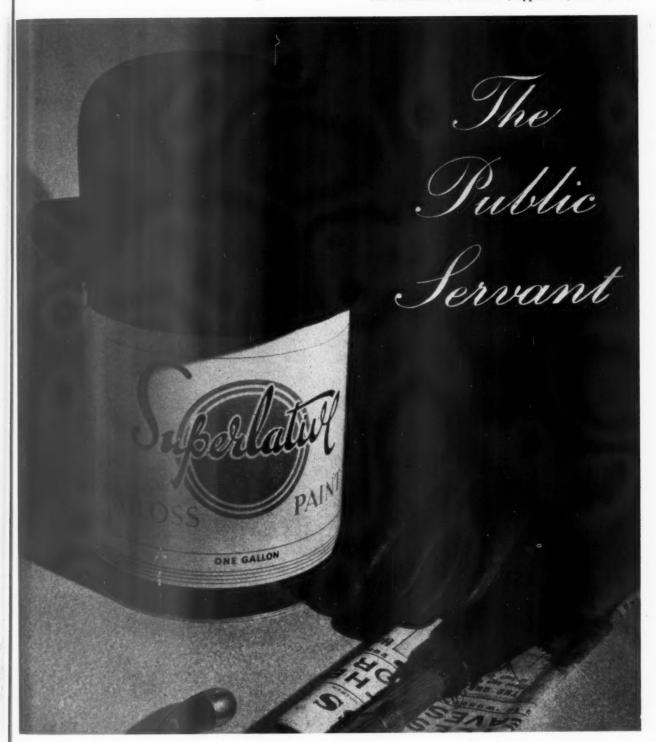
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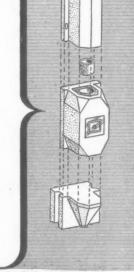


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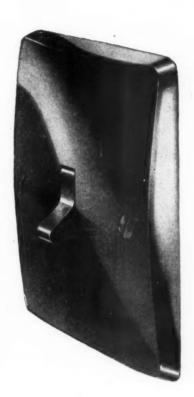
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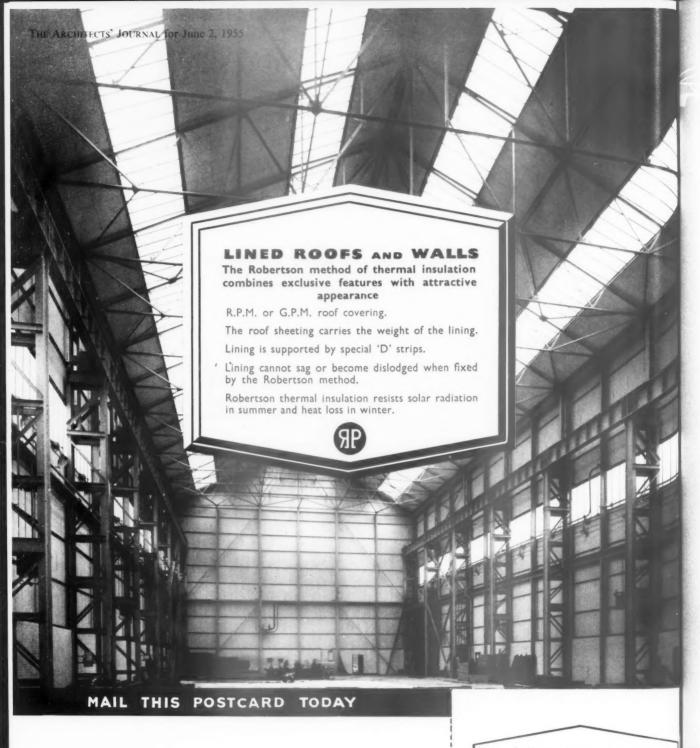
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# PATENT GLAZINGS



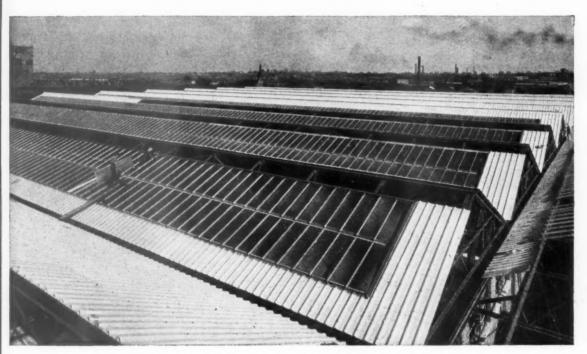
Roof of new assembly shop at Daimler Radford Works, Architects: Wood & Kendrick & Williams, FF.R.I.B.A. Chartered Architects.

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LARGE RUNS OF PATENT GLAZING IN THE ASSEMBLY SHOPS AT THE DAIMLER RADFORD WORKS AND THE B.S.A. WAVERLY WORKS



Roof of new assembly shop at B.S.A. Waverly Works. Architect: Holland W. Hobbiss, F.R.I.B.A.

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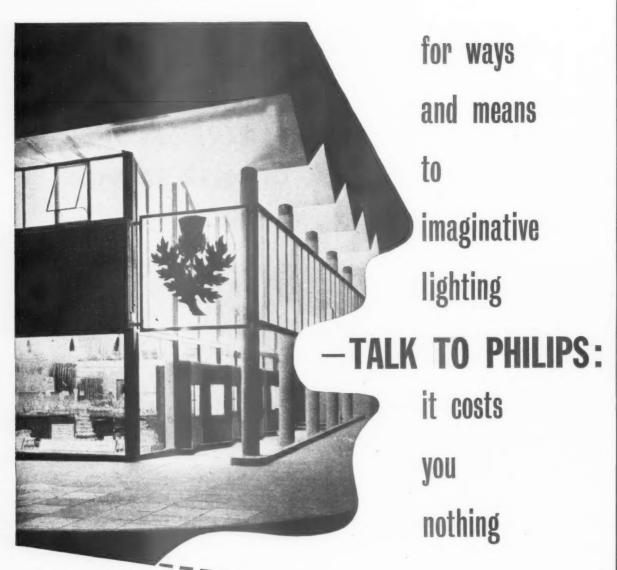
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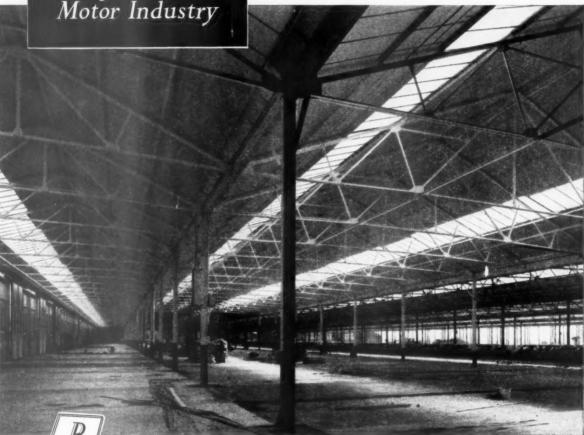
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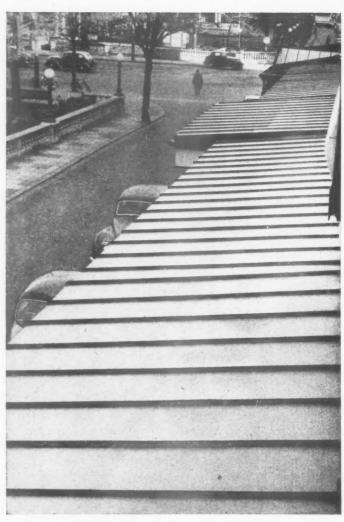
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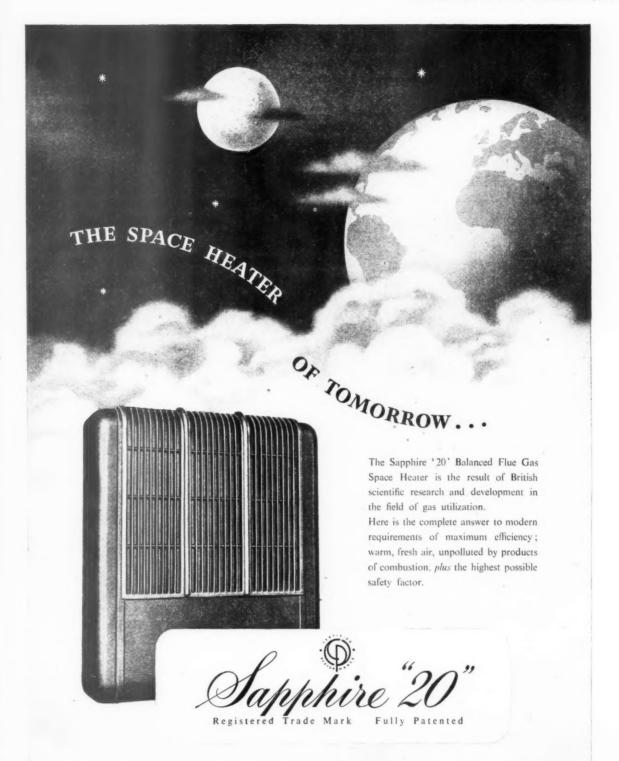
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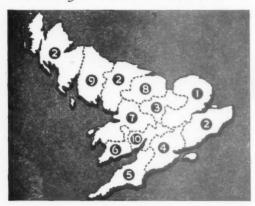
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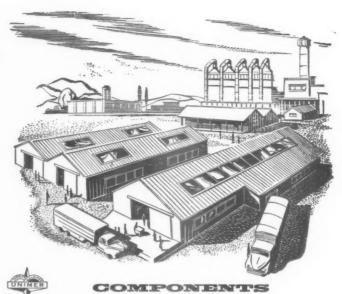
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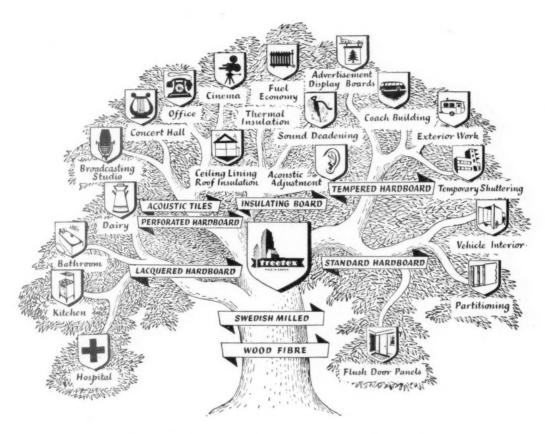
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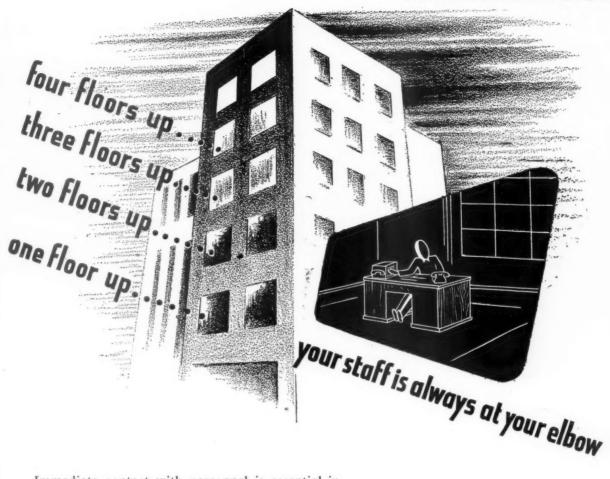
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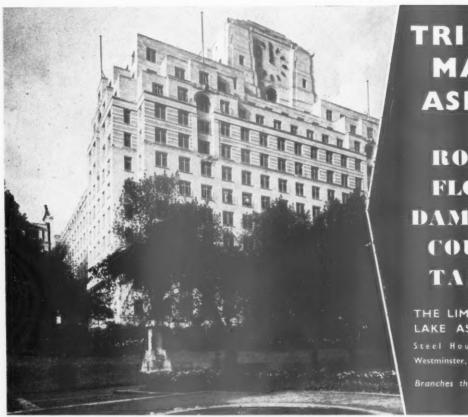
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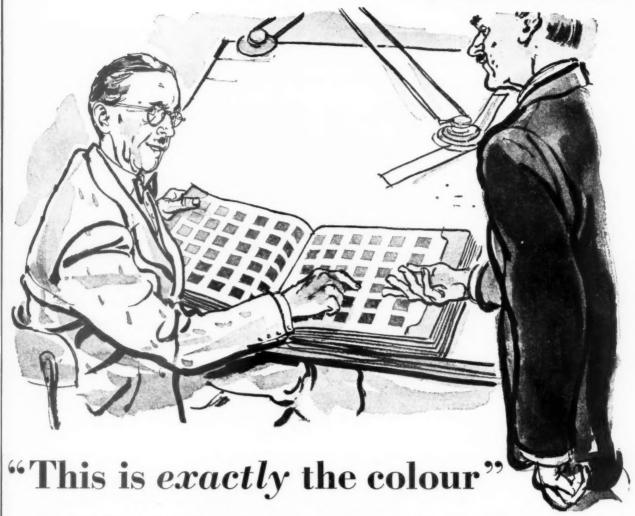
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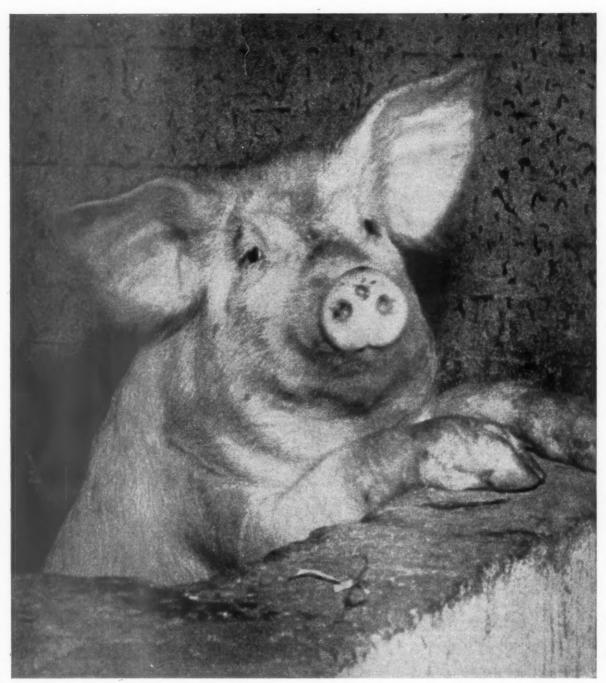
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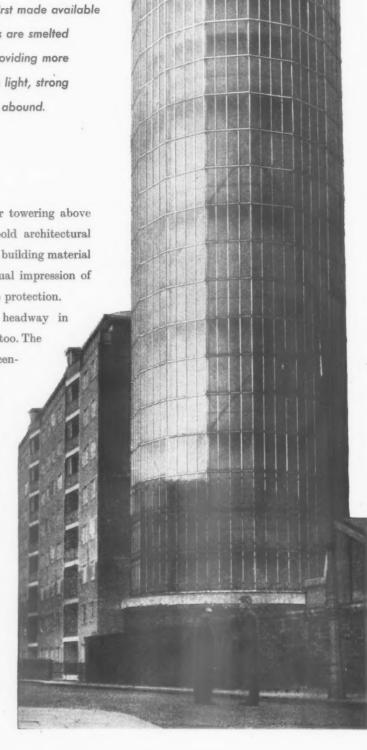
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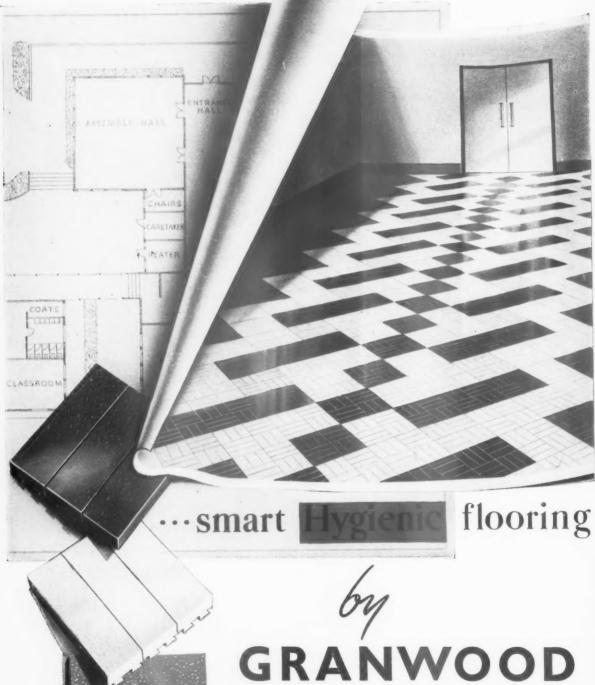


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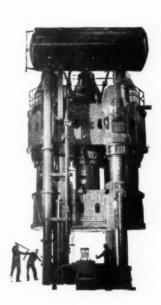
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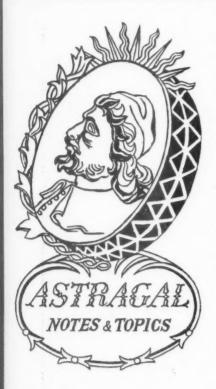
\* To preserve freedom of criticism these editors, as leaders in their respective fields, remain anonymous.

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June 2, 1955 No. 3144

VOL. 121

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#### LIGHTER AFRICA

ASTRAGAL enjoyed the smooth doubleact given at the AA the other night by Peter Kenyon (engineer) and Ian Leslie (editor of The Builder). Their talk, "Looking at Africa" (from Cape Town to Kampala), was illustrated by disappointingly large number of coloured slides of the sort of offices and flats dressed in modern clothes which too often pass for architecture, but their remarks on the future of Africa were of great interest and led to a good discussion. The speakers stressed not only the need for housing (in these days that is rather like Woodrow Wilson's preacher being against sin), but also the need for stabilized African urbanism.

Mr. Kenyon spoke not only as an engineer, lamenting the lack of bridges in Africa, but also as a parliamentary candidate, and ASTRAGAL, who shares Queen Victoria's aversion to being treated like a political meeting, found that the more he heard of Mr. Kenyon the more he was endeared to Ian Leslie's modesty. It was a good evening, and no doubt a lot of people present realized for the first time that Africa is a potential America of the future.

#### IT CAN'T HAPPEN HERE

ASTRAGAL has just been sent a set of five postage stamps on which are pictures of well-known Dutch buildings, including Berlage's Amsterdam Bourse, Dudok's Hilversum town hall and the Van Nelle factory at Rotterdam. This is not the first time that modern buildings have appeared on stamps, but Holland is, to my knowledge, the first to print the architects' names on them as well.

What would the publicity censors at the RIBA think of such an idea in this country? And what sort of buildingsas if one couldn't guess-would we print on such stamps if we had the chance?

#### SCHOLARLY AND BLUNT TALKS

A fairly stiff but rewarding programme of public lectures is running at the Courtauld Institute—says my Scholarly Spy-on two aspects of Baroque architecture which have not been studied very much, and have hardly got into the history books. Professor Wittkower taking a holiday from the regularities of Palladio and his English followers, -has turned the spotlight of his erudition on Piedmontese Baroque, a sidekick from the main Roman stream of development that turned into something very special in and around Turin. His first subject was Guarino Guarini, a Theatine monk who seems to have alternated between writing books proving that Galileo was wrong about the Universe to putting up buildings so fantastic-like the Chapel of the Holy Shroud in Turin-that their continued stability almost suggests that he was trying to prove Newton wrong about gravity as well.

He has also dealt with Juvara and Vittone, both of whom contributed their own particular variations of Piedmontese structural improbability, and in the rest of the term Professor Blunt will tackle the problem of the invention and development of the Baroque staircase. And in case anyone should think that a staircase is just a way of getting from one floor to another-warns my Scholarly Spy-let them (a) try to comprehend the actual forms of some of the projected staircases from plans that were published at the time, or (b) try to draw a comprehensible plan of some of the staircases that actually did get built, particularly in Naples.

#### AMERICAN PANORAMA

Now that it seems to be America's job to run the world, or at least no longer Europe's, it's perhaps no bad thing to know something of American history. For a general view one might do a lot worse than Mr. John Gloag's revised American Nation,\* which is a very handy work for the comparative ignoramus who has forgotten most of Apart from a his dates and facts. general history, there are brief histories

<sup>\*</sup> Cassell. 21s.

# HOT-DIP GALVANIZED WINDOWS



#### THIS WINDOW

WASHED BY THE SEA FOR 12 MONTHS SHOWED NO TRACE OF RUST

(SEE LIST NO. 294: "THE DOVER HARBOUR EXPERIMENTS")

# OF LASTING QUALITY

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#### WHAT GOES UP

Everyone knows what acids in the atmosphere do to metal roofs and stonework, not to mention paint and curtain fabrics—all because sulphur dioxide pouring out of domestic and industrial chimneys turns, with moisture, into sulphuric (or is it sulphurous?) acid.

Dr. Wilfrid Francis, in The Times Review of Industry, suggests that all this should be turned into ammonium sulphate by the addition of ammonia to the flue gases-not a difficult process, he says, and the result is not damaging to buildings and is an excellent agricultural fertilizer. We could also, he thinks, cure many fogs. Hydrated lime would do at a pinch instead of ammonia and at about a twentieth of the cost. Damage from acids is probably at least £100 million a year, so the idea seems worth trying. Or shall we find our roofs so covered with nourishment that they all grow moss and algæ?

#### OLDE CHELSEA

ASTRAGAL is as fond of the Chelsea flower show as the next man, but this year, by mismanagement, he went there on the Wrong Day and found himself shuffling round far too near the next man. So he missed the large vulgar floral patterns which the well-dressed woman is wearing, and he missed the perfumes of Monsieur Lelong which on private-view day would have fought a winning battle with this year's innovation, hamburgers with onions.

But from what your columnist could see through the scrum, all was pretty much as usual: topiary bushes jostled each other absurdly; little stone girls wrestled with lengths of apparently uncontrollable fabric; cherubs did strange things around unidentifiable objects; a plump nude mother held a miserably trickling plate over a pond, while her neglected offspring clung to her substantial calf—and the band played Sanctuary of the Heart, The Desert

Song and Gems From The Opera. Everything, in fact, was up to the standard that the Englishman expects in his garden.

But there were a few signs of rebellion against what the Architectural Review has dubbed, with a blasphemy permissible only to such an August Authority, "God-wottery." The formal garden by Wallace, of Tunbridge Wells, which was pleasantly informal, had an ornamental lake without a hideous concrete surround, an elegant fountain and a nook (N.B. not nooke) containing well-designed garden furniture. The other formal gardens were harmless enoughapart from their temple shelters; the WVS exhibit even displayed, very dashingly, a few square feet of cobbles; and Messrs. William Wood made a charming gesture to the contemporary-minded by partly enclosing their display of wrought-iron sundials and gnomery with a screen that gets three out of ten for trying to please Modern Thought. But there was certainly not enough good stuff there to upset your aunt who comes up from the country once a year, and the yearly rate of improvement is so slow that it will be a long time before her taste is outraged.

**ASTRAGAL** 

#### **NEWS**

#### In Brief

AA Council. From June 1 the officers and council of the AA will be as follows: President: Bryan Westwood, Vice-presidents: Gontran Goulden and John Brandon-Jones. Hon. Secretary: D. Clarke Hall. Hon. Treasurer: Edward Playne. Hon. Editor: J. M. Austin-Smith. Hon. Librarian: Neville Conder. Ordinary Members of Council: B. L. Adams, H. T. Cadbury-Brown, Oliver J. Cox, John S. Lacey, H. J. Whitfield Lewis, Howard V. Lobb, Peter Newnham, Miss Barbara Price, Graeme Shankland, Peter Shepheard, and Prof. Basil Ward.

Concrete Research. At the CCA, on May 11, Professor Haas of Delft University, described the present position of concrete research and practice in the Netherlands. In his talk, Professor Haas, who described the construction and positioning of concrete caissons used in repairing the Dutch sea dykes and the construction of tunnels under the Meuse and the North Sea Canal, was concerned more with civil engineering than with architecture. Dr. Collins, who proposed the vote of thanks, drew attention to the excellent practice of the Dutch authorities in giving a public hearing before publishing a building code.

Smokeless Zones. At a recent press conference, Eric Bellingham, Director General of CUC, announced that the Council were to consider forming mobile units to advise fuel users in newly declared smokeless zones. Commenting on the progress of the

Council's educational campaign, he noted that over 1,000 employees of coal distributors had taken the CUC course and examination and that over 7,000 builders' fixers had attended the CUC's "beer and sandwich" lectures. He also mentioned the advanced courses which were being held for equipment salesmen and a new three-day course to be held at the CUC's premises at Vauxhall for instructors in the building departments of technical colleges.

Design Conference in Colorado. A conference entitled "Crossroads, What Are The Directions Of The Arts?" is to be held in Aspen, Colorado, from June 13 to 18. Members have been asked to bring kites with them, as the conference will end with a kite-flying fete. The chairman of the conference, R. Hunter Middleton, believes that "a re-definition or perhaps a principal discussion of such terms as Functionalism, Neo-Classicism, Humanism, and what ideas they represent, is needed, to help us in seeing our way more clearly." The speakers from the USA will include: Herbert Bayer, designer; Harry Bertoia, sculptor; Charles Eames, designer; Walter Gropius, architect; Robert Hutchins (Ford Foundation), educator; Philip Johnson, architect; Lewis Mumford, writer and critic, and Ben Shahn, painter. Speakers from England will be Michael Farr, editor of Design, and Lance Whyte, author and scientist. Herman Weyl, physicist, will represent Switzerland, and Carlos Lazo, architect, will represent

British Architectural Guild. It was only to be expected that the British Architectural Guild would take advantage of the recent RIBA discussion on the question of forming a negotiating body for architects, by reminding architects of its existence. This organization, which started to sink with all guns firing politely about a year ago, has now pointed out in a letter addressed to the technical Press publications that professional organizations would lose nothing if they discussed the "trade union" problem with BAG. "To enter into a discussion at this stage," says the Guild, "could not be interpreted as recognition, if this is feared." The Guild is very anxious to make it clear that the IAAS, which "was but an instrument in the formation of the BAG—seeks no glory or reward, either direct or indirect, other than the realization of an honest belief that what it did was done in the interests of the profession."

#### DIARY

Criticisms of Members' Works. Discussion on the Malory School, South Lewisham, designed by D. L. Bridgwater and Peter Shepheard. At the AA, 36, Bedford Square, W.C.1. 6.15 p.m. June 2

Housing 1954-1955. Preview of the British contribution to the exhibition, organized by the IUA, to be held at the Hague. Prepared by the BC from material selected by the UK committee of the IUA. At the BC, 26, Store Street, W.C.1. Daily 9.30 a.m.-5 p.m. Saturday 9.30 a.m.-1 p.m. UNTIL JUNE 4

Prestressed Concrete Structures in Germany with Concentrated Tendons. Lecture by Dr. Ing. F. Leonhardt. At the ICE, Great George Street, S.W.1. 6 p.m. Admission by ticket only obtainable from the Secretary, Prestressed Concrete Development Group, CCA, 52, Grosvenor Gardens, S.W.1.

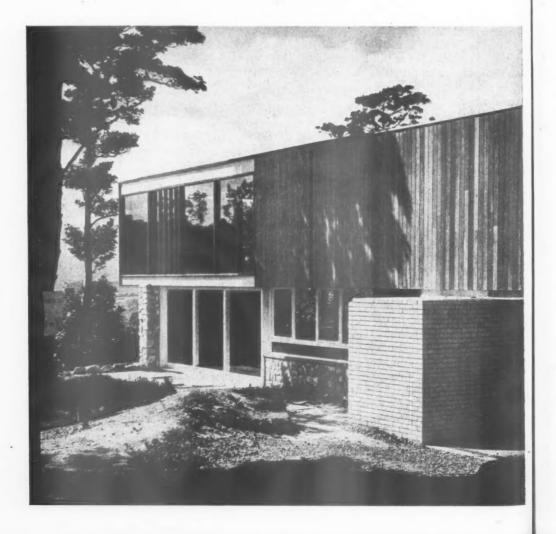
New Barbican. Film and talk. Speaker, Sergei Kadleigh. Organized by Students' Committee. At AA, 36, Bedford Square, W.C.1. 6.15 p.m.

### THEARCHITECTINW



The hosts for this year's British Architects' Conference in Harrogate are the West Yorkshire Society of Architects. As has been our custom in recent years we are devoting our pre-conference issue of the Journal to describing some architects in the local society and illustrating a part of their post-war work. There are nearly 700 members of this Society, which is one of the largest in the UK, and nearly 100

architects' offices, so obviously all could not be included. We have chosen the larger firms, for the most part, but inevitably some good work will have been missed. We regret this. We do not regret, however, giving space to the house near Huddersfield, below, which is the work



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### WEST YORKSHIRE

of Peter Womersley, a young Yorkshire architect who trained at the AA but who is not, unfortunately, a member of the WYSA. This house is outstanding in the West Riding as an example of contemporary design, and can only be matched—as far as designs by private architects are concerned—by work shown on pages 741 and 759. Yorkshire clients are obviously very conservative in outlook, so Yorkshire is hardly a happy hunting ground for journalists looking for modern architecture. There is, nevertheless, by contrast with Womersley's house, considerable charm and appropriateness in the highly traditional Dale cottages, left, of architect Mary Wales—an appropriateness which those who discard tradition but do not take up the tenets of the modern movement often fail to achieve, as some of the following illustrations show. It is possibly significant that many architects describe the scope of their practice as "a little architectural work, but mainly industrial" as though never the twain should meet. The conference is being organized by the RIBA and the WYSA. The chairman of the WYSA Conference Executive Committee, and the President of the WYSA is Hubert Bennett. We therefore introduce this article on West Yorkshire architects with his office's work.

HUBERT BENNETT COUNTY ARCHITECT, WEST RIDING

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HUBERT BENNETT is probably the only public architect who has his office in a building he designed for the purpose. He has a staff of 250, and an office with a floor area of 30,000 sq. ft. to accommodate them. The building has been called "Bennett's plan factory but whether this is descriptive of the type of building (see interior, and view of model, centre, overleaf) or of the amount and kind of work which comes out of this office, we leave readers to judge. Certainly compared with the ill-painted, cream, brown and graphite dust apartments on the top floor of run-down town houses, which are architects' offices nearly everywhere else in Britain, Bennett's offices seem near-perfect, and just the place a journalist would choose to work in. And no one could be less like a factory overseer than the quiet and friendly chief architect. Hubert Bennett was born in Manchester and trained at the local school of art and for his last two years at Manchester University. Then he taught on the staff of the Leeds School under Joseph Allen before going into private practice-mainly doing schools. Further teaching as senior lecturer at the Polytechnic was broken by army service in the War Office. As war ended he applied, and got, the job of first borough architect to Southampton. His next job was the one he now holds. Married, with three daughters he has just built himself a house, which has been awarded a MOHLG medal and of which a detail can







be seen on page 734, bottom. On the left, Bennett can be seen with eleven of his staff architects, who were working late when the JOURNAL reporters called. Front row, left to right, Bennett, W. T. C. Walker, dep. co. archt.; A. W. Glover, dep. co. archt.; Arthur Robinson, senior assistant, H. Judson, senior assistant; Andrew Derbyshire, senior assistant, J. R. Taylor, assistant, E. L. Cathery, assis. co. archt. Back row, D. G. Howard, sen. assis. archt.; C. R. Penny, assis. co. archt.; W. Pepper, chief QS; and G. Pickup, senior assistant. Some examples of post-war work by the department are shown here and on pages 733-734. Below left, police housing at Morbury. Bottom left, a new theatre at Bretton Hall for the College of Music Art and Drama. Bottom, Meltham fire station. Opposite page, top, the Methley-Mickletown school; centre, Bardsey primary school; bottom, a pair of the 187 West Riding temporary classrooms built to cope with temporary overcrowding in schools.

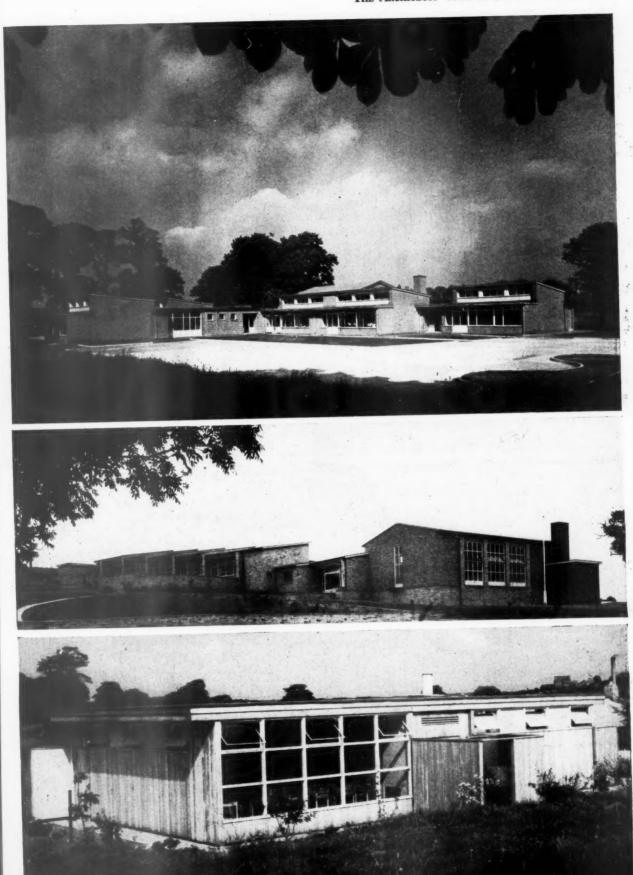






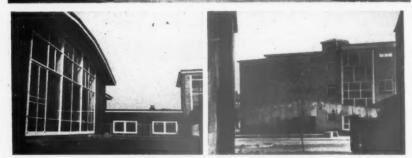


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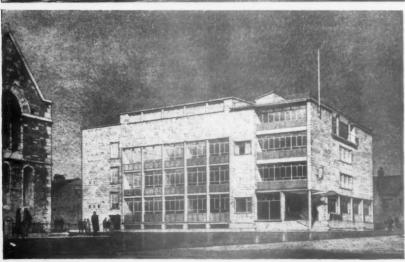








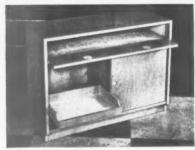




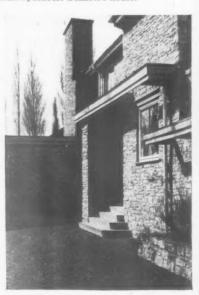
HUBERT BENNETT continued







Further work by the West Riding Architects Department. Above, three examples of school furniture designed for the West Riding Education Committee. Left, top to bottom, Manor Road primary school, the first to be built after the war; Manor Field school, Batley; Rawdon primary school, left, and Todmorden Technical College, right; Ilkley infants' school, a finished building; Keighley Technical College, now under construction. Below, Hubert Bennett's house.



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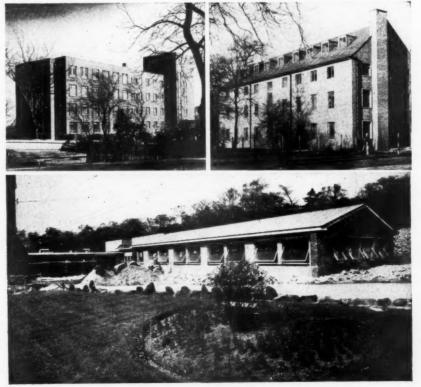
ARCHITECT TO THE LEEDS REGIONAL HOSPITAL BOARD, HARROGATE

P. B. NASH, standing on the left of his office progress chart, has been with the hospital board for eighteen months. When he first came there was an architectural staff of four. Now there are eleven, eight of whom are qualified, and also five quantity surveyors, two surveyors, four engineers and one clerk of works. Up to now capital expenditure has been limited to £500,000 a year, but bigger programmes are on the way. Nash was trained at the Huddersfield College of Art under Norman Culley and then at the Leeds School. Then followed work in the Liverpool city architects office, mainly on the Speke housing estate. He also worked for a time for Sir Alfred Shennan in Liverpool. In the RE during the war, he returned to Sir Lancelot Keay's in '46. Then he went to Leeds city architects department to be senior architect on the Health section, and from there to MOH as regional architect. For a time he was at Birmingham, under D. A. Goldfinch. Married, he is now building his own house at Collingham, near Wetherby. Three of the buildings illustrated here have been carried out in conjunction with his predecessor, Richard Mellor. The fourth building, now under construction, the high energy radiation centre for Cookridge Hospital, bottom right, was designed by Kitson Parish, Ledgard & Pyman, in association with Mr. Nash. It will cost about £34,000. Centre left, a new ward block for Hull Royal Infirmary, consisting of 116 beds on 4 floors, with stores below. All wards are 4-bed-or single. Construction: steel frame, prestressed concrete floors. Brick clad; floors: wood block, rubber tiles. Cost: £1,400 per bed. Below, nurses' home for the same hospital, consisting of two identical 2-storey blocks, each with



accommodation for 20 nurses and five sisters. Construction: 11-in. outer walls, 9-in. cross walls, floors: prestressed concrete beams. Cost: £880 per nurse. The senior assistant architect for these two buildings was H. C. Weegman. Centre right, a laboratory for the Medical Research Council, of traditional construction, with raft foundations. Cost: £45,000. Assistant architect: A. Kilner.







#### R. A. RONCHETTI ARCHITECT IN PRIVATE PRACTICE IN HARROGATE

R. A. RONCHETTI commenced his practice in Harrogate in 1932 with a small amount of domestic work. A year later he formed a partnership with B. S. Pullan which dissolved by mutual consent in 1938. During this period the firm built a Catholic church and presbytery at Pately Bridge, St. Joseph's Church, Aylesbury, and the New Church, Ampthill, in addition to housing. During the war he was with the Ministry of Aircraft Production. In 1944 he reopened his practice in Harrogate, and carried out a number of domestic conversion jobs. Since 1952 he has mainly been working on churches and schools. He lives in





Knaresborough, where he bought a 2½-acre fruit farm, is married, with seven children. Top, the Church of St. Mary Immaculate, Rotherham. It seats 400, all of whom will have an unobstructed view of the High Altar. The interior is carried out in buff, sand-faced

bricks. There is a choir gallery for 40. The pantile roof is carried on steel roof trusses. Cost: £19,000. Above, the elevations of two churches now nearing completion. Left, a church and presbytery at Sheffield, and right, a church at Moortown, Leeds.

#### MARY D. WALES

#### ARCHITECT IN PRIVATE PRACTICE IN SKIPTON

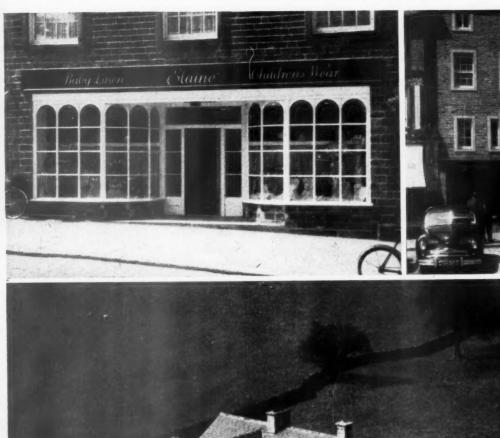
MARY D. WALES is one of that very select band of women architects. There are not many women architects in practice, there are even fewer who run an office on their own. Mary Wales has a staff of three, and a very widespread practice in one of the loveliest parts of Yorkshire: the Dales. It is, of course, a country practice, and consists mainly of houses, and alterations to schools, churches, farms, pubs and shops. The office is in a small market town, Skipton, close by the church and castle. Mary Wales was trained at the Leeds school, after which she worked for a time as an assistant, spending two years with Kitson Parish, Ledgard & Pyman, in Leeds. She started in practice in Skipton in 1940. Most of her work is very traditional in character, due to clients' requirements, but she would like to design a modern house for herself. She is surveyor to the Craven Archdeaconry, Bradford Diocese, and is the only woman diocesan surveyor in the country. Mary Wales is content to work very closely to the traditional design of West Yorkshire, with a result that her buildings fit neatly and inconspicuously





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into the landscape, as above a rectory at Slaidburn. In Skipton High Street, she has designed two shop fronts, top, left and right, in one instance providing an entirely rebuilt front in stone. Recent examples of domestic work include a five-bedroom house for a doctor, opposite page, with double garage with playroom over, and three living rooms. The internal planning to allow for family living as well as professional requirements being most competently handled. Right, and extreme right, are a detail of an entrance to a house, and a general view of two other small houses on the outskirts of Skipton.

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ARCHITECTS IN PRIVATE PRACTICE IN HARROGATE

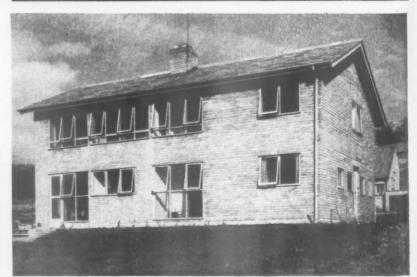
ERIC BROWN, left, and HARRY BAILEY joined this firm in 1937, and from 1938 have carried on the practice as principals. The firm was founded by Samuel Stead when he retired from the position of borough engineer of Harrogate shortly before the first world war. He was joined after the war by Frank Tranmer and retired in 1922. Frank Tranmer died in 1938. Both partners were trained at the Leeds School of Architecture. Eric Brown worked for a year with the Dewsbury local authority, and Harry Bailey with Shipley Urban District before joining Tranmer. During the last war Harry Bailey served with the RN on corvettes and Eric Brown served in the Admiralty Civil Engineer's Department. Eric Brown is at present chairman of the Harrogate branch of the WYSA. They have a second office at Bingley, and have four assistants. The practice



is largely a rural one, being concerned mainly with housing, hotels (in Harrogate), shops and farms. They are kept very busy on a multitude of small jobs. Above and above right, part of an estate of 83 houses, with shops, for the Knaresborough UDC. Below, part of a piggery for 300 pigs at Knaresborough. Right, Harry Bailey's house at Bingley, which includes a separate flat for his parents on the ground floor. On the first floor are three bedrooms and the main living room.







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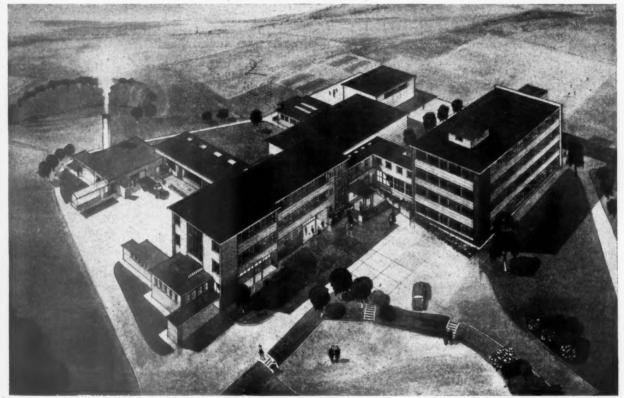
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#### W. CLIFFORD BROWN

CITY ARCHITECT, BRADFORD

W. CLIFFORD BROWN is the chief of the oldest, with Hull, architects' department in the country. It was established in 1900. He was trained at the Leeds School, and took a two years diploma course in town planning. He started with Leeds Corporation as an architectural assistant under the City Engineer in 1931, and was transferred in 1934 to the newly established housing department under R. A. H. Livett. When this department merged into the newly-formed City Architect's Department Mr. Brown became a chief assistant. In 1947 he was appointed deputy city architect of Bradford under J. T. Castle, and was appointed city architect in 1950. He has been on the Council of the WYSA and served for two years as chairman of the Bradford branch. His department consists of a staff of 65. He has three drawing offices, each supervised by a chief assistant. There are 16 qualified architectural assistants and 6 nonqualified, 12 quantity surveyors, 3 heating and ventilating engineers, I electrical engineer,

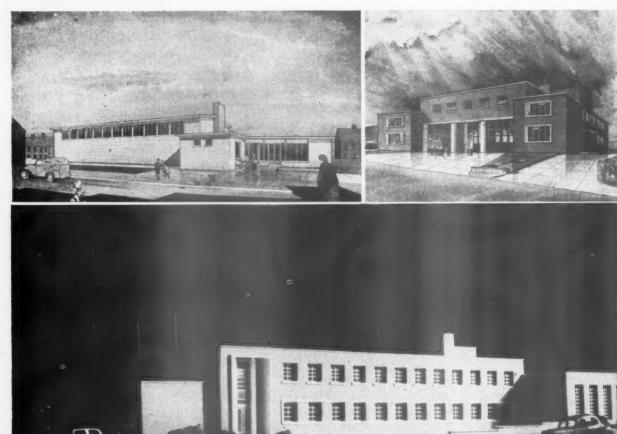








W. CLIFFORD BROWN continued



22 clerks of works and 7 administrative staff. The deputy city architect is L. A. J. Heywood. The city's housing is undertaken by the City Engineer's Department. Recent school buildings are: Previous page, top, the Buttershaw secondary school, a fiveform entry mixed school for 750, now being erected. Construction: Presweld steel frames, with precast concrete cladding and floor slabs. The administration and practical blocks are in traditional construction. Cost: £225,077. (Chief assistant architect: H. H. Whitwham, senior assistant architect: G. A. Johnson, assistant architects: G. S. W. Connor and M. M. Ambler.) Bottom left, the Buttershaw infants' school for 320 children. Construction: steel frame, brick cavity walls, steel roof decking, walls and ceilings plastered. Cost: £48,000. (Sketch plans prepared under J. T. Castle, work executed under W. C. Brown; chief assistant architect: H. H. Whitwham, senior assistant: E. K. Heyman.) Bottom right: the Brookfield infants' school, completed in 1953, a two-stream entry mixed school for 240. Construction: load-bearing brick walls with prestressed concrete slab roofs. Cost: £40,827. (Chief assistant architect: H. H. Whitwham, senior assistant architect: G. S. W. Connor.) Top left this rage, a wash-house in Rupert Street, of brick and light prefabricated steel construction. Cost: £51,374. (Chief assistant architect: K. Warman, senior assistant architect: A.

Gemmell.) Top right, a fire station at Idle, Bradford, with sleeping quarters, recreation room, and space for three fire engines. Cost: £31,678 (Chief assistant architect: W. Bailey, assistant architect: D. A. Callaghan.) Above, a police traffic branch headquarters, now under construction. It will provide garage accommodation for police vehicles, offices for administration and communication, a training centre for recruits and stabling for the mounted section. Construction: brick loadbearing walls, precast prestressed beams for roof, garage roof in shell concrete, with intermediate beams post-tensioned. Cost: £120,821. (Chief assistant architect: K. Warman, senior

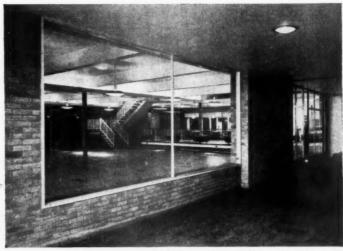
assistant architect: A. Gemmell, assistants: J. C. Blythe, J. R. Bradley.)

Another major project since the war has been the restoration, bottom, of St. George's Hall, Bradford. It was first opened in 1853, and the design was the result of a competition, the winners being Messrs. Lockwood and Mawson, a firm of Bradford architects. Licensing severely restricted the amount of work done, nevertheless, a foyer, new cloakrooms and artists' rooms have been formed, and, to comply with fire regulations, two new staircases have been built. The hall will now seat 1,980. Little alteration has been made externally.





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#### ROSS & ROFF

ARCHITECTS IN PRIVATE PRACTICE IN BRADFORD

W. CROSSLEY ROFF joined the late W. A. Ross as a partner in October, 1950, in order to help him carry out some contracts which he did not feel well enough to deal with himself. Mr. Ross died in 1952 at the age of 69, and

Mr. Roff has continued the practice alone. He has two assistants. Mr. Roff is 39. He trained at Cambridge and the AA, which he left in '38. For a time he worked with Sir John Burnet, Tait & Lorne, then, when the war began, he served in the RAF as a pilot, bomber command. After the war he worked with engineers in Leeds and in Barker & Jordan's office. He does not concern himself much with the WYSA, but he is a member



#### ROSS & ROFF continued

of the Council of the Bradford Society of Architects, a society of considerable age which confines its activities to about two events a year an outing and a dinner. In the photograph of Mr. Roff can be seen the elevation of one of the most successful and attractive contemporary buildings in Yorkshire. It is a showroom and offices for Central Garage Ltd. It has been built on the site of existing premises owned by the clients and partly destroyed by bombing, and is the only new building erected in the city centre since the war. It is therefore a welcome pace-setter for subsequent building in the city. The building consists of a front showroom for display, previous page, and two floors of offices. Between the main showroom and a car store on the ground floor is a sales office, right.





### WILLIAM ILLINGWORTH & SON

ARCHITECTS IN PRIVATE PRACTICE IN BRADFORD

WILLIAM ILLINGWORTH, seated, left the office of the City Engineer and Surveyor to the Bradford Corporation to start in practice on his own account 53 years ago. His first office was in Market Street. He moved to his present offices in Sunbridge Road in 1913. He was Lord Mayor in 1940, and President of the WYSA from '42 to '44. He was elected a Licentiate in 1912 and a Fellow in 1925. He believes in the pupillage system, particularly if parents cannot afford fees. Eric Bedford, chief architect, MOW, is one of his pupils.

W. D. ILLINGWORTH, his son, joined the firm in 1926 as a pupil. He became a partner in 1934. In those days the firm specialized in cinemas, carrying out no fewer than 32. The office staff consists of one qualified chief assistant, two assistants and one pupil. Recent work includes: top, right, a house in Pudsey, which cost £9,000. Centre, and extreme right a Methodist church at Undercliffe, Bradford. The walls are of York stone, the roof is slated. There is under-floor heating. Cost: £16,000. Bottom, a wholesale bakery in Gain Lane, Bradford. It has a barrel vault roof to avoid all dust-holding ledges. The office block will be completed at a later date.









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#### BARKER & JORDAN

ARCHITECTS IN PRIVATE PRACTICE IN BRADFORD

E. D. JORDAN is the sole principal with five assistants, one of whom is qualified and one is a pupil. The firm was founded by the late Thomas Barker in 1862. His son Harold joined the firm in the '90's and took over after his father retired. Colonel Barker, now aged 80, retired last year. Jordan is a Leicestershire man, and he attended the Leicester School of Architecture. He became an associate in '39. Before joining Barker he was with Harry Weedon, of Birmingham. It is a mixed practice, largely industrial work, but Mr. Jordan likes doing housing. Colonel Barker used to be the diocesan surveyor. As, however, Mr. Jordan is a Methodist, the post has had to go to another firm. However, Mr. Jordan continues to do church work. Recent work includes, below, vicarage at Denholme and, below right, Leathley Rectory. Centre, right, house at Calverley, Bottom left, new dyeing and finishing department for wool textiles at Apperley Bridge, Bradford, for G. Garnett & Sons Ltd. Bottom right, the same firm's extension to weaving department.













#### CHIPPENDALE & EDMONDSON

ARCHITECTS IN PRIVATE PRACTICE IN BRADFORD

R. THACKRAH (right) came to the firm as chief assistant in 1945. During the war he was in the MOW, and before that he ran a practice in Tadcaster. He qualified from the Leeds School.

A. SIMPSON has been with the firm since '36. Articled to a Leeds firm he attended the Leeds School part-time before coming to Bradford. He was in RA during the war. In 1949 he was made a partner by Benjamin Chippendale, the late senior partner. The other partner of the title, Edmondson, died in '41. Mr. Chippendale died last December. They have a mediumsized office of eleven assistants and one QS. Six of the assistants are qualified. They are short of staff. Recent work includes two houses in Ilkley for private clients, below. Each is built of hand-made 2-in. bricks. Bottom, three projects now under construction. Left, bacon factory for C. & T. Harris (Calne) Ltd., at Rodley, near Leeds. Right, top pharmaceutical building for Messrs. Sandoz Products Ltd., at Horsforth. Right bottom, a proposed village memorial hall at Pool.











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#### W. J. MORLEY & SON

ARCHITECTS IN PRIVATE PRACTICE
IN BRADFORD

ERIC MORLEY has carried on alone since 1930 the practice started by his father, W. J. Morley, about 75 years ago. Eric Morley started as an office boy, was articled, and in 1910 became a partner. His work includes the new Bradford Royal Infirmary, with 500 beds, of which the Duke of York Home forms a part, the new Bradford Girls' Grammar School, Commerce House, Civic Playhouse and several banks and offices, as well as industrial buildings, houses and churches. Two or three years ago he took into partnership BERNARD NEWBOULT and G. A. KEIGHLEY, shown standing on Mr. Morley's left; Mr. Keighley is a diocesan surveyor. As is fairly common with the older firms in Yorkshire, Mr. Morley can take off quantities for which, of course, the architect gets paid-a procedure which enables him " to have a finger on everything." Recent work includes: below, Barclay's bank, which was started before the war. Work was suspended for nine years during the war and after, and it was not completed until 1950. It is steel framed, and faced with Yorkshire stone. In the basement are strong rooms, lavatories and rest rooms. The upper floors are let as offices. Bottom, the Ilkley College of Housecraft (in collaboration with Hubert Bennett). The scheme includes the conversion of the old Wells House Hotel into a hostel and teaching accommodation for £90,000. The new teaching block, costing £80,000, has three flats on the top floor for teaching housekeeping. The building is clad with sand-faced bricks.

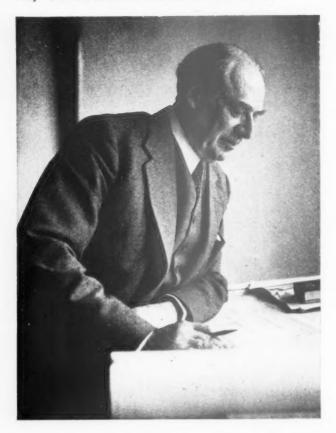








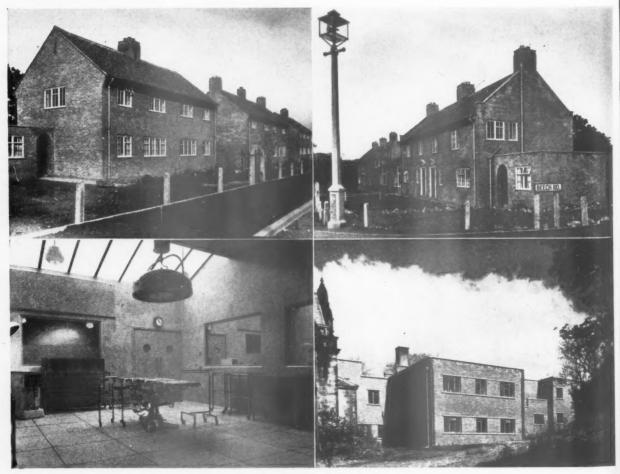




#### R. B. ARMISTEAD

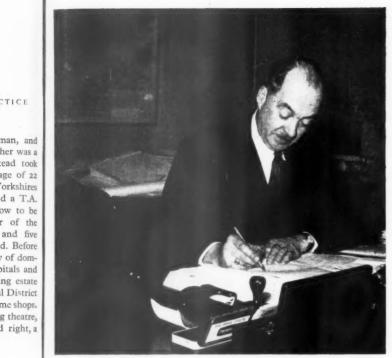
ARCHITECT IN PRIVATE PRACTICE IN BRADFORD

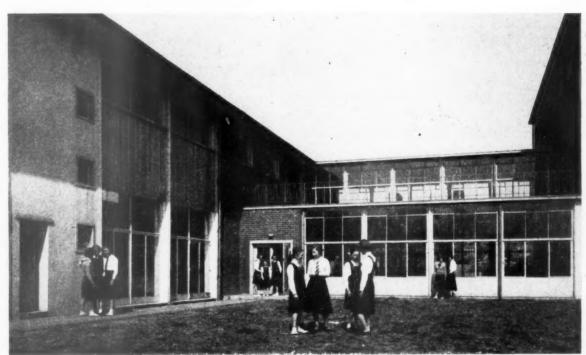
R. B. ARMISTEAD is a Bradford man, and was articled to a Leeds firm. His father was a civil engineer, and Colonel Armistead took over the architectural work at the age of 22 in 1912. He served with the West Yorkshires in both world wars, and commanded a T.A. Battalion between the wars. Has now to be content to be section commander of the Home Guard. He has no partners and five assistants, four of whom are qualified. Before the war the practice consisted largely of domestic work, but it now includes hospitals and factories. Recent work: top, a housing estate at Boston Spa for the Wetherby Rural District Council. There are 150 houses, and some shops. Bottom: left, an orthopaedic operating theatre, at Woodlands Hospital, Rawdon, and right, a nurses home for the same hospital.



R. A. H. LIVETT CITY ARCHITECT, LEEDS

R. A. H. LIVETT came to Leeds in '34 as housing director in charge of all workincluding housing management—for the newly-formed housing committee. There was no separate architect's department then, and one was not formed until after the war, when Mr. Livett was appointed City Architect in 1945. During the war he was responsible for billeting and war damage repairs, for which services he was awarded the OBE. R. A. H. Livett is a Sussex man. He served in the Royal Sussex Regiment in the '14-'18 war. After the war he went to the AA, under Robert Atkinson, and, on qualifying, worked under Paul Waterhouse, until his death, and then for a short time with Michael Waterhouse. Previous to his present job he was chief assistant architect at Nottingham and deputy housing director at Manchester. His office is in part of the Quarry Hill flats, the now famous prewar development with which his name is inevitably linked. He has a total staff, including clerks of works,









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R. A. H. LIVETT continued







quantity surveyors, etc., of 140, 52 of whom are architects and students. The annual turnover of building work is valued at about  $\pounds 4\frac{1}{2}$  m. The town planning of Leeds is under the City Engineer.

The senior members of his staff are as follows: P. B. Haswell, B.Arch., A.R.I.B.A, H. Glover, Administrative Assistant, T. Powell, A.M.I.Mun.E., Chief Assistant Surveyor, D. Bergman, Chief Quantity Surveyor, W. R. Stenner, Chief Assistant Housing, P. R. Worcester, Chief Assistant Housing, E. L. Myers, Chief Assistant Health and Welfare, R. Pemberton, Chief Assistant Public Buildings, J. E. Barragan, Chief Assistant Education.

A few of the post-war buildings and projects now under way are illustrated on this and the previous page. Previous page, top, the Allerton Grange secondary modern school, a four-form entry mixed school for 600. It is built mostly in Presweld construction on an 8 ft. 3 in. grid, save for the assembly hall, which is of traditional steel frame. The main classroom block is three storey. Heating is low-pressure hot water with fan convectors and radiators. Contract figure: £173,282. Bottom left, (page 747), ambulance station near the centre of the city which has been cleared of slum dwellings. It is the central control point for the Leeds ambulance service, and is planned to house 50 vehicles in a hall 190 ft. by 116 ft. At one end is a vehicle maintenance annex and at the other are administration offices and stores. canteen and cloakrooms. Cost: £55,000. Bottom right (page 747), a hall for pensioners in Cross Flatts Park, presented by a private donation. Cost: £2,502. When dealing with slum clearance areas it is frequently found that a high proportion of old people have to be rehoused, the younger, and therefor higher, wage earners often having managed to procure better accommodation. One of Mr. Livett's methods of dealing with this situation is shown in the Moorfield House estate. A large house, with extensive grounds has been converted into a hostel for 34 old men. A new hostel, with single and double bed-sitting







rooms for 52 old men and women has also been built, top left, this page, and three-storey, single-bedroom flats, each with kitchenette and bathroom for single women, have been provided, centre. In addition, there are, on the periphery of the estate, some two- and threebedroom family houses, and small blocks of four flats for ageing persons. Part of such a block is shown on the right in the photograph top right. Above, left and right are two typical post-war estates in Leeds. The Mount estate, left, consists of 88 two- and three-bedroom houses and aged people's flats. The construction is traditional. The Ireland Wood estate, covers an area of 175 acres, and 1,150 dwellings of both traditional and non-traditionalor as Mr. Livett calls them, new traditional houses. In addition to houses there are some



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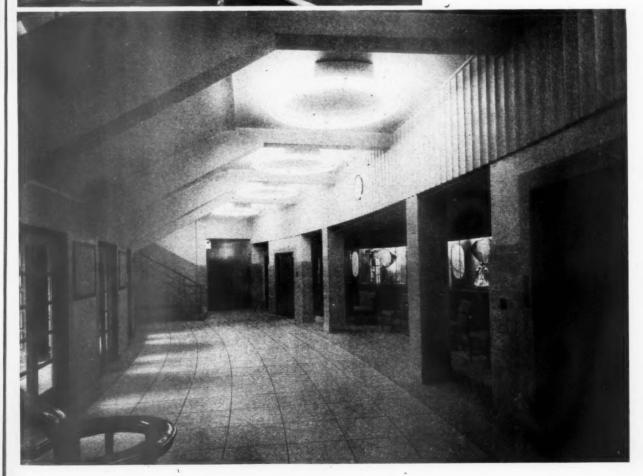
and two county primary schools. Plans are well advanced for the redevelopment of central areas. The model left, opposite page shows the layout for 448 flats, 6 shops and 13 garages on a 10½-acre central site called Saxton Gardens. The blocks in the foreground are five-storey, rising to eleven-storey in the rear. Refuse disposal will be by the Garchey system. Construction: r.c. frame, in situ r.c. floor slabs, brick walls. Cost: £943,368. Next to the Quarry Hill flats is the York Road development, bottom opposite page. It is an area of 51 acres and the density will be at 110 to the acre. There will be 1,149 dwellings, which will be in the following proportions: 28 per cent. multi-storey flats, 16 per cent. four-storey maisonettes, 44 per cent. three-storey flats and maisonettes, 6 per cent. houses and 6 per cent. in a hostel. There will be a park of 6.3 acres. A Baptist church, primary school, public house and shops will form a centre to the estate. As can be seen in the model, great efforts have been made to achieve an informal, intimate but stimulating arrangement of blocks.



A. V. MONTAGUE ARCHITECT IN PRIVATE PRACTICE IN

A. V. MONTAGUE, left, has an office in Harrogate as well as in Leeds. Indeed, the Harrogate office, although more recently opened, is now the larger. The Leeds office is in charge of his chief assistant, Dennis Lodge, who is shown on the right in the photograph.





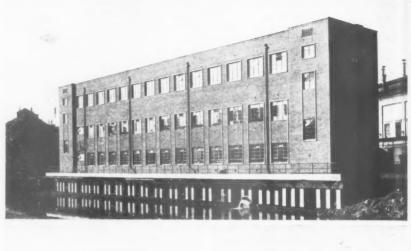
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#### A. V. MONTAGUE continued

A. V. Montague qualified from the Leeds School. After a time as an assistant in a private office he commenced his own practice in 1933. Prewar his practice was mainly cinemas and industrial work-today the latter predominates. He has a staff of nine. During the war his office was closed down and he served in the RE. He is married, with two children, and lives in a 400-year-old manor house on the Plain of York. He has had six years on Council of WYSA, and feels that there should be a more factual approach to present-day conditions on the part of architectural bodies. Much of his post-war work has been for the ICI. Previous page, entrance foyer and exterior of an administrative office building for ICI Ltd. at Huddersfield. It is steel framed and brick clad with reconstructed stone dressings. Floor area: 56,000 ft. super. Above right, a three-storey block of ICI offices and laboratories on piles, some driven into the river bed. Steel framed, brick clad. Centre, left, ICI laboratory block and offices providing technical service for the users of Terylene, at Harrogate. Centre, right, amenities building, incorporating kitchen, dining facilities for 400, medical centre and telephone exchange, for the Terylene Council, ICI Ltd., Harrogate. Bottom, left, threestorey offices, comprising directors' suites, boardrooms, exhibition room and offices for the Terylene Council, ICI Ltd., Harrogate. Bottom right, the entrance hall of this office.













# NORVAL PAXTON & PARTNERS

ARCHITECTS IN PRIVATE PRACTICE IN LEEDS

JOHN D. PAXTON, seated, is the eldest son of the founder of the practice, Norval Paxton, who opened an office in Leeds in 1929. Paxton senior was for sixteen years secretary of the WYSA and president from 1946–48. He served for many years on the RIBA council and was vice-president, RIBA, 1950–51. He died in March, 1954. John Paxton trained at the Edinburgh school. He is in partnership with his younger brother IAN H. PAXTON, who read engineering at Cambridge and trained with George Davy



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NOEI 1922 know Pyma Cour is vi Crawford & Partners and Scott & Wilson. While with the latter firm he supervised the construction of the concrete frame of Powell & Moya's Pimlico flats. Both brothers were in the RAF as pilots during the war. They have an office staff of eight, none of the assistants is qualified, but all are attending part-time school. John Paxton was joint honorary secretary of the WYSA last year. The firm leases the ground floor of the neighbouring house to the WYSA as their headquarters. The society is run on the rebate from the RIBA only, no extra subscription being raised save from those who are not members of the RIBA. The brothers have great hopes of the value of architect-engineer collaboration. John Paxton believes in "giving clients what they want, provided it is in good taste." Recent buildings: previous page, maintenance depot for W. & T. Avery Ltd., Bradford. Construction: roof, workshops, 3-in. concrete barrel vault; offices, prestressed concrete beams. Walls: workshop, 9-in. brick; offices, 11-in. brick. Top right and bottom left: Ireland Wood Primary School. Bottom right: laboratory for Yorkshire copper works. Construction: steel frame. Roof: barrel vault for main laboratory. Walls: brick, plastered. Heating: embedded panels. Ventilation: balanced air conditioning.



# KITSON, PARISH, LEDGARD &

ARCHITECTS IN PRIVATE PRACTICE IN LEEDS

W. A. LEDGARD, seated, joined the firm in 1908, as an articled pupil. The two principals then were James Parish and Sydney Kitson, who is considered to be the father of the firm and who laid the firm foundations of the present practice. He was a president of the WYSA, and for some years Hon. Sec. of the RIBA. He died just prior to the last war. His assistant, James Parish, who joined in 1902, became a partner in 1914, and died in 1933. The practice was actually started 70 years ago by F. W. Bedford whom Sydney Kitson entered into partnership with just before the turn of the century. F. & W. Bedford was an Hon. Sec. of the WYSA from 1894-1901, and shortly after this date resigned to practice in London. After war service William Ledgard became a partner. In addition to activities with the WYSA council, he has had many other activities, including chairmanship of the Leeds Skyrac and Morley Trustee Savings Bank, the Grand Theatre, Leeds, the CPRE. He is a General Commissioner of Inland Revenue. Today he mainly concerns himself with the financial side of the practice.

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NOEL PYMAN, centre, joined the office in 1922 and became a partner in 1929. A wellknown figure in the north of England, Noel Pyman has for some years been on the WYSA Council, and was president from '52 to '54. He is vice president of the Leeds and County Conservative Club, and is a member of the





KITSON, PARISH, LEDGARD & PYMAN continued











Leeds Church Extension Society. Noel Pyman was largely left to continue the practice during the last war, which he did with much success. At the same time he served with the Royal Observer Corps.

WILLIAM HENRY KING, left, joined the firm in 1928, on completing, as one of the early students, the full time architectural course at the Leeds School of Architecture. In 1936, he entered into partnership with the firm. Specialising from his early days in Hospital Design, he has been responsible for a very considerable amount of this type of work in the north of England. During the last war he was with the Ministry of Aircraft Production, returning to the partnership in 1945. He has been Council Member of WYSA for over 16 years, and is now its hon. secretary and

largely responsible for the organization of the Harrogate Conference.

NORMAN H. FOWLER, right, joined the firm in 1927, and 1936 entered into partnership. In the early days of the War he joined the Royal Artillery and, with the rank of Captain, spent a considerable period carrying out experimental and research work in the use and development of aerial photography for mapping and planning both land and sea operations. Returning to architecture in 1946, he has, since then, carried out a considerable amount of work including a number of new schools, work on a new power station, and buildings for the War Department. Interested in all architectural matters, he was hon. secretary to the WYSA from 1 950-54, and is now its senior vice president and representative to the RIBA. He also acts as an external examiner to the Leeds School of Architecture. The office is one of the largest in Yorkshire. There is a staff of 24 assistants, many of whom are qualified. Recent work includes: previous page, left, nylon stocking factory, Leeds, and right, a church at Ireland Wood, and a vicarage at Moortown, Leeds (all designed by Noel Pyman, in conjunction with G. Davy and F. O. Sykes). This page, top, an extension to the outpatients department of Leeds General Infirmary. Centre left, project for a home for aged Jews, Leeds, and, bottom right, nurses home for Ida hospital, Leeds (all by W. H. King). Centre right, elevation of a proposed power station at Elland, by N. H. Fowler. Bottom left, a county infants and junior school at Alwoodley, Leeds.

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#### SHAPLEY & DAVISON

ARCHITECTS IN PRIVATE PRACTICE IN LEEDS

R. S. SHAPLEY, shown on the left pointing out a detail to his partner of alterations he has designed for the entrance hall of an old office building, was born in Sheffield in 1911 and was trained at the Leeds School. He was in the same year as his partner, Davison. He started the practice in Leeds in 1935. He is joint honorary secretary of the WYSA, secretary of the publicity sub-committee for the Conference and also on the Conference Executive Committee. His interests outside his practice include watching rugby football and motor racing.

H. S. DAVISON joined Mr. Shapley in 1937. He is on the tours and excursions sub-committee of the Conference. He was joint honorary secretary of the WYSA from '46 to '50 and has been on the WYSA Council since 1945. The office consists of six assistants, one of whom is qualified. Below, the Swinton Fitzwilliam infants' school, South Yorkshire (chief assistant, W. H. Clegg). This school has







a raft foundation, costing £13,000 which was illustrated in the JOURNAL of July 16, 1953. The superstructure cost £39,287. Above right, a compressor house for the North Eastern Gas Board at Bolton-on-Dearne. Cost: £5,301, excluding plant. Right, factory and offices in Kirkstall Road, Leeds, for the manufacture of boilers and stokers, with a drawing office and canteen on the first floor. Below right, and extreme right, houses for private clients.

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#### VICTOR BAIN

ARCHITECT IN PRIVATE PRACTICE IN LEEDS

VICTOR BAIN came to Leeds from County Durham. He was in London until 1914, and then went into office of William Hill & Son, became a partner of the younger Hill, who died shortly afterwards. He tells an amusing story how William Hill senior became the architect of Portsmouth Town Hall. When all cities were anxious to build new town halls Portsmouth sent a committee to inspect various new halls. When they saw the new Leeds Town Hall designed by Cuthbert Brodrick (in 1853), they told him that they liked it best of all that they had seen and asked him to design another like it. This Brodrick refused to do, and advised them to hold a competition. William Hill got wind of this. and, after measuring up Leeds Town Hall, submitted a similar design. The Portsmouth committee thought that it must be Brodrick's design and awarded it the first prize. Mr. Bain has been president of the WYSA for 20 years, and also on the RIBA council. He has about 12 assistants, 3 of whom are qualified. He recently closed a branch office in London-He has a partner, W. H. Crocker, who originally was an assistant. Recent work includes below, top, chemical works, Bromborough, for Messrs. Brotherton & Co. Ltd., used for the manufacture of hydrosulphite. Construction: steel frame, brick



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cladding, glass blocks used extensively to avoid corrosion. Assistant, A. E. Wintle. Sketch of new offices at Westgate, Leeds, now under construction. Steel frame, green Westmorland slate cladding, Cornish granite, Portland stone and quartzite. Right, offices for the Yorkshire Ouse River Board, Leeds, exterior, and the board room. Assistants: W. H. Crocker, Kenneth Warman.

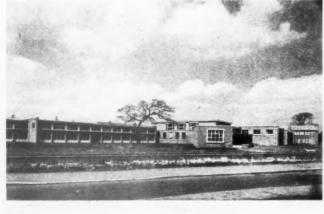


#### WILLIAM TOCHER

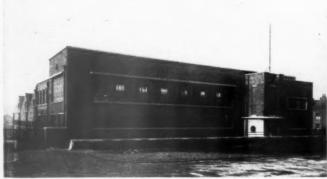
ARCHITECT IN PRIVATE PRACTICE IN LEEDS

WILLIAM TOCHER took over the practice in his own name in 1941, on the death of John Proctor, with whom he had been a partner since 1935. The firm was started by John Proctor in 1907. William Tocher is a native of Aberdeen and went to the Aberdeen School, to intermediate standard, qualifying externally after part-time study at Leeds school. Mr. Tocher joined Mr. Proctor in 1923. Before the war the firm did a considerable amount of work for Leeds and Sheffield Universities. William Tocher has a small office with three assistants, none of whom are qualified, and no secretary. He does his own typing, as did John Proctor, on the principle that one remembers what one says if one goes through the labour of writing it. He has two sons, one of whom is at the Leeds school, and is due to qualify in three years' time. Recent work, from Below left: Guisborough school; below right: county primary school for 320 children at Cleckheaton (in association with Hubert Bennett); bottom left: a clothing factory, Leeds (cost: £40,000). Bottom right: the architect's own house at Bramhope. Construction: walls, hand-made brick and 4-in. foamed slag blocks; roof: cedar shingles.















ARCHITECTS IN PRIVATE PRACTICE IN LEEDS

G. H. FOGGITT is the sole partner of this firm, which started in 1848. He trained at the Leeds school and at the RCA, London, but started his career in his father's office. After the '14-'18 war he went into another architect's office, not rejoining his father's practice until 1925. He is a past president of the WYSA. He keeps in his office a most carefully presented history of the firm which was prepared by a past secretary. The firm was founded by Jeremiah Dobson. Later, in Mr. Foggitt's words, the firm became Dobson and Chorley; C. R. Chorley; Chorley & Connon; Chorley; Chorley & Connon; Chorley & Chorley, Connon & Chorley; Connon & Gribbon; Chorley, Gribbon & Foggitt; Gribbon, Foggitt & Brown; Gribbon & Foggitt. Mr. Foggitt won the Tite Prize in 1911, and the firm was awarded the RIBA Architecture Medal for West Yorkshire in '32 and '39. Recent work includes: top left, a factory for R. W. Crabtree & Sons Ltd., at Water Lane, Leeds; top right and centre, the Iveson House School, Leeds, and bottom, a Roman Catholic church hall Gipton Leeds.





JON ARCI

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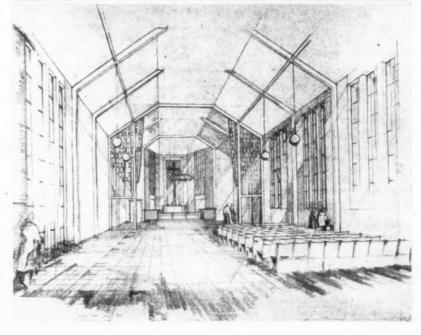
ARCHITECTS IN PRIVATE PRACTICE IN LEEDS

W. A. JONES, founded the practice in 1919 with J. E. Stocks. They concentrated chiefly on post-war housing schemes, although Mr. Jones had won competitions for Hove Library, Bethnal Green Town Hall, and the Villa Marina Concert Hall, Douglas, IOM. Mr. Stocks died in 1951. Mr. Jones, now aged 80, is still a very fine draughtsman and designs in the classical tradition, thereby setting a problem in detailing for his AA-trained son,

D. MASON JONES top, who joined the firm in 1949, after working with Grey Wornum on the plans and perspectives (he too is an excellent draughtsman) for the replanning of Parliament Square. His training included two years as an apprentice bricklayer and stonemason-'34 to '36, at Cambridge until '39, in the RE in North Africa during the war, and at the AA from '46 to '48. In 1951, he won the Sunday Times South Bank Competition (shown in background of his photograph, above). His brother, K. A. JONES, above, joined the practice in 1953. From '32--'36 he was at the Leeds School, during the war in the Far East with the RE, and was in private practice after the war. Kenneth Jones mainly concerns himself with the industrial side of the practice. He is a vice-president of the WYSA. The office has four assistants. Recentwork includes: top to bottom, the interior of Jacomelli's Restaurant, Leeds, the Weston Lane school, Otley, in collaboration with Hubert Bennett, a junior mixed school for 320, completed in 1952 for £55,273. Con-Struction: load-bearing brick walls, precast







JONES & STOCKS continued





concrete roof to classrooms, woodwool slabs on steel trusses for halls. A church with parish hall, at Seacroft, Leeds. This page, a terrace of three houses at Linton, left, and five pairs at North Rigton. The former cost £1,737 per house. The internal area is 1,008 sq. ft. The latter cost £1,547 per house for z floor area of 1,037 sq. ft. Both are constructed of old stone

from demolished buildings, with  $4\frac{1}{2}$  brick inner skin. The pairs of houses were £80 per house cheaper than prefabricated houses built in the same area.





#### J. G. L. POULSON

ARCHITECT IN PRIVATE PRACTICE IN LEEDS

J. G. L. POULSON, seated, started the practice in 1932 A first-rate business man, the practice quickly grew and by the time the war started he had 14 assistants, all of whom went into the armed forces. Mr. Poulson carried on the practice during the war, doing work for the MOS, the Admiralty and the Ministry of Aircraft Production. Today there is a staff of about 40, 30 of whom are in the Pontefract office and 5 each in offices which have been opened in London (1944) and in Middlesbrough (1954). Part of the Pontefract office is shown above. Mr. Poulson's hobbies include politics-he is chairman of the Association Parliamentary Division in which he lives-and music and golf.

FRANK BOOTH joined the firm as magnetiner in 1954. Previously he was deputy to Frederick Gibberd, the architect-planner at Harlow. He qualified at the Leeds School in '38 and worked in the Bradford City Architect's department.

During the war he was in the army. In 1947 he was awarded the Victory Scholarship. He worked after the war in Leeds City Architect's department and with the West Riding CC. A number of the senior members of the office staff were at the Leeds School, including W. Gower, F. Shaw, an Archibald Dawnay Scholar and RIBA silver medallist, J. D. Anderton, Kimball Pollit and F. Bedford. Recent work includes: right top, a store and offices in Briggate, Leeds. The steel-framed building is to be faced in grey quarzite slabs. Right, and opposite page, top: a new showroom for the North Eastern Gas Board, Morley. The building is steel-framed, the end walls are of stone and the facade of plate glass. The lettering is formed within a panel of plyglass in colour. Cost: £13,000. Opposite page, bottom: a seven-storey office block, works extension and canteen for a printing works in Leeds. The cost is estimated at €,200,000.









#### WORKING DETAIL

BAY WINDOW: STUDIO IN BRISTOL

R. Towning Hill and Partners, architects



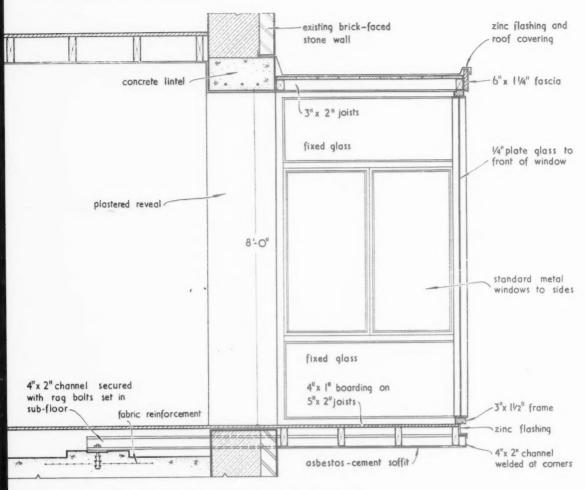


The bay window has been built into an existing brick-faced stone wall and is supported on a framework composed of three lengths of 4-in. by 2-in. ms channel. This framework, which is mitred and welded at the joints, is bolted down to a concrete sub-floor inside the building and, outside, provides the forward edge to the bay. The glazing in the lay front is in the form of a fixed light in 4-in. polished plate glass to give the maximum unobstructed view from the room behind.

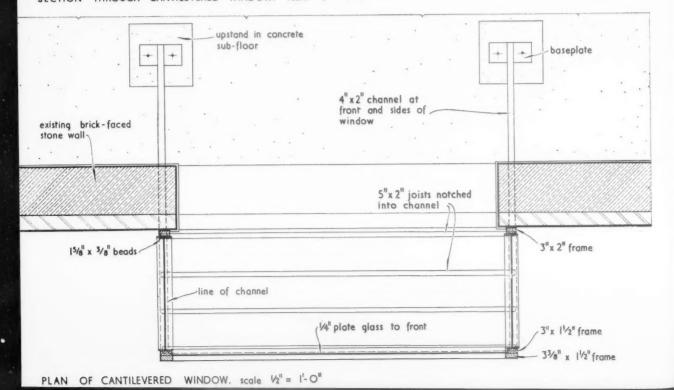
#### WORKING DETAIL

BAY WINDOW: STUDIO IN BRISTOL

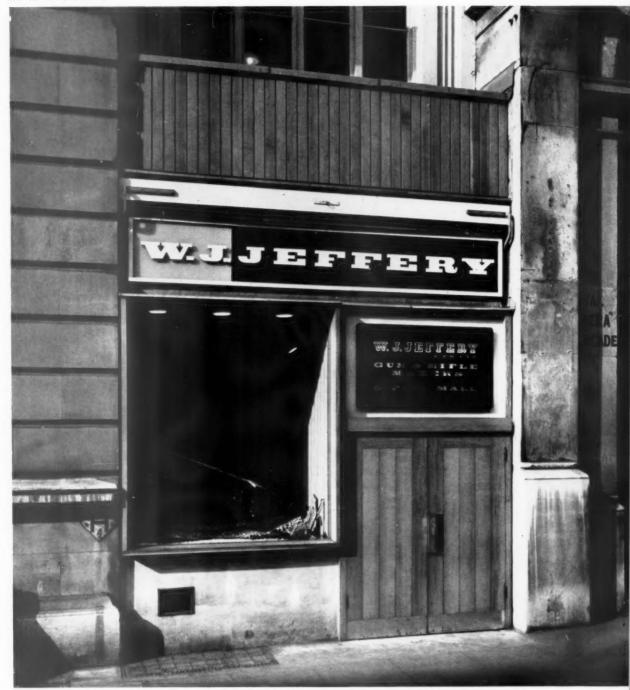
R. Towning Hill and Partners, architects



SECTION THROUGH CANTILEVERED WINDOW. scale 12" = 1'-0"



Rachel Caro, architect

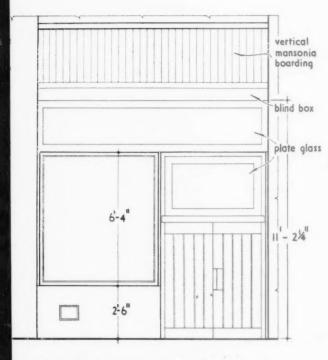


The wood doors (which are not man size) give access to a service lift belonging to adjacent premises. The letters on the main fascia are in stove-enamelled fireboard and are held \( \frac{3}{4} \) in. clear of the \( \frac{1}{4} \)-in. plate glass fascia by means of distance pieces. This fascia is composed of three plates, butt-jointed, which are fired on the reverse side "gypsy yellow" (7.5 \text{ Y8/10}) and "claret" (5.0 \text{ R2/12}), though these colours were slightly changed in the firing. The lettered sign over the lift doors is of \( \frac{1}{4} \)-in. plate glass. The letters have been painted on the back in burnished gold leaf, some being outlined in white. To give an effect of depth, their outline was also traced on the face of the sheet and the remainder of the surface was acid-etched to a satin finish. Lastly, the reverse of the plate was painted in black. All wood surfaces were varnished with clear cellulose.

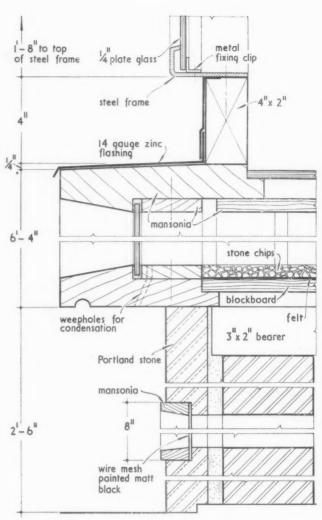
#### WORKING DETAIL

SHOPFRONT: GUNSMITH'S SHOP IN LONDON, S.W.1

Rachel Caro, architect

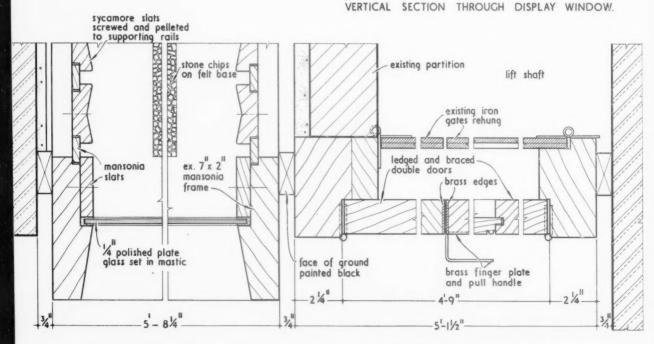


ELEVATION OF DISPLAY WINDOW AND LIFT ENTRANCE DOORS. scale  $\frac{1}{4}$  =  $\frac{1}{1}$  - 0 "



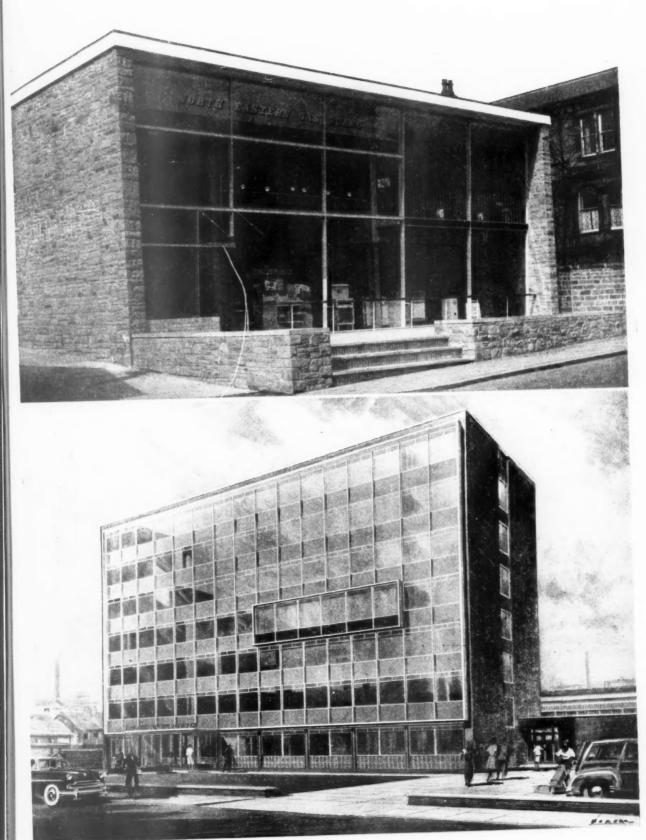
WINDOWS: 33

VERTICAL SECTION THROUGH DISPLAY WINDOW.









ARCHITECTS IN PRIVATE PRACTICE
IN DEWSBURY

JOSEPH FIRTH founded the firm in the '90's, and it was continued by his son F. J. Firth, who took into partnership Norman Blackburn. Mr. Firth died in 1940.

N. A. BLACKBURN, left, became an assistant to the firm in 1919 and a partner in 1920. He is a native of Dewsbury. He trained at the Leeds School. During the '14-'18 war he served in the RE.

A. N. BLACKBURN, standing, also trained at the Leeds school. He joined the firm as a partner in 1948. In the last war he was in the RA.

J. K. JARVIS, another architect from the Leeds School, became a partner in 1949. In the last war he served with the RAF. The office has a total staff of 13. One of the assistants is qualified. This firm also carries out many jobs on separate trades. They reckon to save as much as 20 per cent. of the client's money this way. Recent work includes, below, a house at Hopton Hall Lane, Mirfield, bottom, a vicarage at Silkstone, near Barnsley, completed in 1954, right, extensions to !Messrs. Birstall Carpet Co. Ltd., Brier Mills, near Leeds, and a bread bakery for Huddersfield & District Co-op. Society.











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#### SMITH & CURRY

ARCHITECTS IN PRIVATE PRACTICE IN HECKMONDWIKE

J. SMITH, left, is a Yorkshireman, born in Dewsbury, the son of a well-known builder in the area, and was trained at the Leeds School and in private practice. Before the war he worked in local authorities on housing, hospitals and schools. During the war he was in the RE in West Africa, France and Germany, acting as GE in the British Delegation area at the Potsdam Conferences. After this he moved into Berlin and organized the replanning and rebuilding of the six-storey Karstadt building designed before the war by Schaeffer. In '46 he returned to the West Riding CC for three months, before commencing his own practice with his friend, H. W. Curry, and the very minimum of equipment: " one trestle table, a drawing board, portable typewriter . . . and very little money." Married, with two children, he hopes to "earn sufficient in this underpaid profession to educate them."

H. W. CURRY comes from Kent. He started by being articled to an architect-Gerald Burgess-in Dartford, and completed his training at the Nottingham School. After working with Derbyshire CC on schools for two years he joined West Riding, where he met his partner. During the war he served with the RAF in the Desert Air Force. After the war he returned to the West Riding for a month. Never regrets going into private practice, despite longer hours and harder work. Recent work includes: right, a carding and spinning shed, showing, the architects point out, the bad influence of building licence restrictions; below, part of the extensions to a biscuit factory (cost, £150,000); bottom, a '39-'45 war memorial lych gate at Hanging Heaton church; the interior of the Ship Inn, Mirfield.









## HOWORTH WALKER & LILEY, ARCHITECTS IN PRIVATE PRACTICE

ARCHITECTS IN PRIVATE PRACTICE
IN CLECKHEATON

W. H. HOWORTH started the practice in 1875. His son entered the firm in the 1900's and retired in 1950. He is now aged 80.

H. WALKER, right, born in Cleckheaton, became articled to Howorth from 1926 to '31. He became a partner in '36. From '31 to '36 he was with the West Riding CC, with a private firm in Bradford and with Shipley UDC During the war he was with the RE for four years and with the RASC. He came back to the practice in 1946.

H. LILEY is also a Cleckheaton man, and was articled to Howorth & Walker in '37-'39. From '39 to '40 he went to the Leeds School, and was then in the RAF for six years as a bomber pilot. He received the MBE. In '46 he went back to Leeds, to qualify in '49 and rejoin the firm as a partner in '50. He is now building his own house. The office is small and both partners are kept very busy. They have two assistants, neither qualified, and one secretary. For many jobs they take off their own quantities and build by separate trades with no general contractor. They find that this may save 10 per cent. of the cost, but makes the contract slower. It entails far more site visits of course. Recent jobs include: below left, a canteen extension, with air conditioning and underfloor heating for British Belting & Asbestos Ltd., Cleckheaton, together with kitchen and staff dining room. Below right, a factory and offices for F. W. Birkett & Sons, and a house for a private client.













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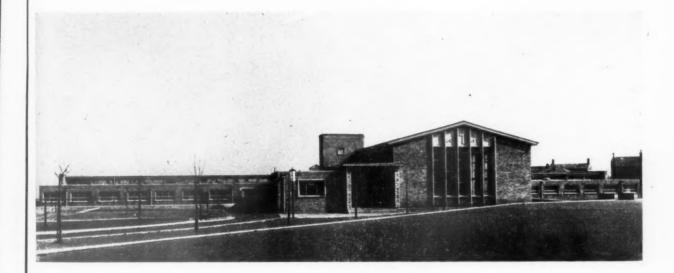


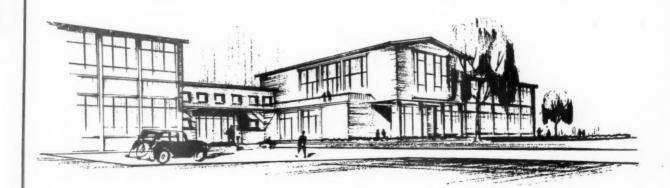
#### SIDNEY M. RICHMOND

BOROUGH ARCHITECT, HUDDERSFIELD

SIDNEY M. RICHMOND has been in his present post for five years. Prior to this he was Borough Architect at West Hartlepool from 1948-50 and before that deputy city architect at Newcastle. An Essex man, trained by articled pupillage, he spent the '14 war in the RE. In 1921 he went to Newcastle, where he stayed until '48. He has "a terrific programme" of work: abattoirs, health clinics, two secondary and three primary schools, a fire station, crematorium—about £2½ m. worth of work in course of preparation and £1,400,000 worth "on the ground." He has

a total architectural staff of 22. He is also the planning officer for the borough, and his development plan has recently been approved by the Ministry. Recent buildings: below, a voluntary primary school at Lindley, Huddersfield, for 160 juniors and 120 infants. Construction: load-bearing walls, pre-stressed concrete roof. Cost: £45,000. Centre, this page, primary school for 320 juniors and 240 infants at Bradley, Huddersfield. Construction: steel frame, grey brick facing, stone window surrounds. Cost: £93,000. Assistant architects: R. M. Hudson and G. Parker. Bottom right, residential nursery for 30 children and 7 staff at Lindley. Underfloor heating is used in the nurseries, playrooms and corridors. Cost: £25,000. Assistants: R. M. Hudson and







SIDNEY M. RICHMOND continued

H. F. North. Right, a home for aged people at Bradley, Huddersfield. There is accommodation for 38 residents of both sexes, in 28 single and 5 double rooms. Construction: cavity walls faced with hand-made sandstones. Floors: precast concrete throughout finished with thermoplastic tiles, linoleum and cork. Cost: £45,100. Assistant: W. T. Boyd. The first post-war housing estate to be completedthe Fernside Estate-consists of 758 Easiform houses, costing £975,000. £10,000 has been spent on gardens and tree planting to "relieve the monotony that tends to arise as a result of the erection of large numbers of non-traditional houses." Assistant, A. L. Dyson. Mr. Richmond's deputy is C. E. Aspinall, and the chief assistant, R. Coldwell.



#### LUNN & LUNN

ARCHITECTS IN PRIVATE PRACTICE IN HUDDERSFIELD

ALDERMAN JOHN E. LUNN founded the firm in its present offices in the shadow of a great viaduct on the outskirts of Huddersfield in 1889. He was articled to the previous owner of the office who went bankrupt. But one of the clients asked Mr. Lunn to stay on and undertake a job for him. He travelled to the office at first by pony and trap, but later shared a steam car. In 1912 he designed the first r.c. mill in the district. "Father" of the Huddersfield Corporation-he was Mayor in 1944, and Alderman since '37-he is a pastpresident of Huddersfield Choral Society. Now 83 years old, his answer to the doctor who told him that he was a remarkable man was: "You're wasting your breath, I've known it for years." The office staff consists of six assistants, two of whom are qualified.

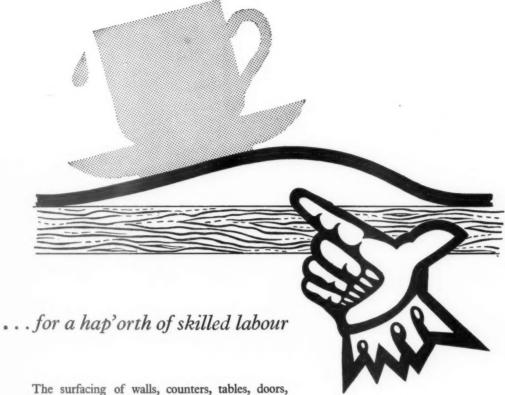
NORMAN S. LUNN qualified in '31 from Liverpool. After a time working as an assistant in various offices in America, and in local authority offices back in England, he started his own practice in Huddersfield. In 1936 he joined his father's firm. Below left, replacement of part of a woollen textile factory for C. & J. Hirst & Sons, Ltd., Huddersfield. Four floors, the top measuring 325 ft. by 105 ft. of entirely clear-span northlight roofings. Cost: £250,000. Assistant: A. A. Stanford. Structural con-







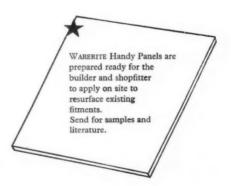
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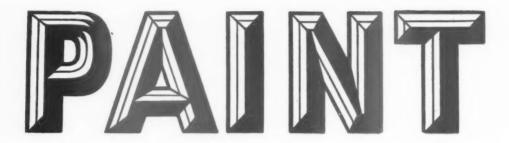
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#### LUNN & LUNN continued

sultant: F. Briggs. Bottom right, page 764, new textile factory for H. H. Moxon & Sons, Ltd. Floor area: 240 sq. ft. northlight roof with central row of seven stanchions. Walls stonefaced. Cost: £75,000. Assistant: A. A. Stanford. Right: Baptist church, Leeds Road, Bradford, reconstructed after bombing to a new design to seat 350. Stonefaced externally. Cost: £20,000.









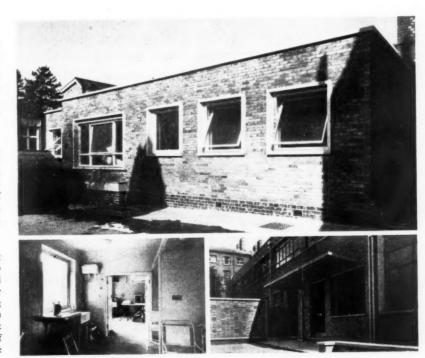
#### ABBEY & HANSON

ARCHITECTS IN PRIVATE PRACTICE IN HUDDERSFIELD

FRANK ABBEY, left, now in his eighties, has retired from the firm, but still takes a great interest in it. The firm was founded by his grandfather, Mallinson Abbey—a surveyor—in 1835. In 1880 John H. Hanson joined the firm. He ultimately became founder and President of the Surveyors Institution, and died in 1941.

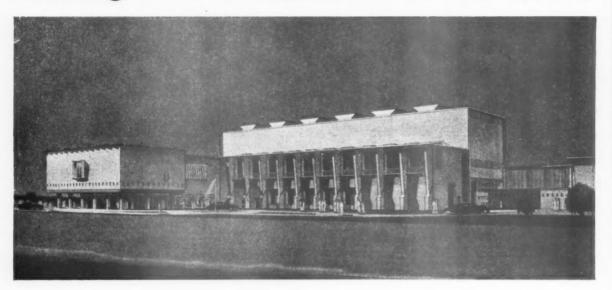
WATSON ROWE started in the firm's drawing office in 1910. He became a partner in 1937. A surveyor as well as an architect, he is an authority on Riparian Rights. Keenly interested in sport, he is an original shareholder of the Huddersfield Town AFC, and once a crown-green bowler. A member of the WYSA council.

GEOFFREY A. ROWE, shown at the drawing board with his father, Watson Rowe, also started in the firm's drawing office. He studied at the Huddersfield School of Art and later qualified from the Leeds school. Served during the war with the RAFVR. He became a partner in 1947. He is a part-time teacher at the Huddersfield school. He is a member of the WYSA council, and on the conference





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ABBEY AND HANSON continued





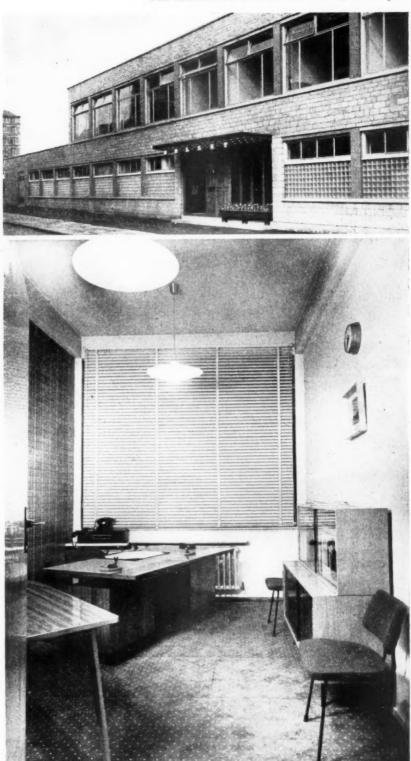
executive committee. Recently he visited Damascus, where the firm is designing a cotton mill.

PETER R. NASH trained at the Leeds school and served with the RAF. He qualified after the war. His brother, Phillip B. Nash is architect to the Leeds Regional Hospital Board. (See page 735) Married, with two sons, he is now building his own house, which prevents him playing golf. He is at present working on hospitals. He is on the left in the right-hand photograph, previous page, with partner—

RONALD SYKES, who trained with Oswald White, a well-known local architect. He joined Abbey and Hanson in 1934, and became a partner in 1950. He is known as the "gen man" of the team, particularly where industrial work is concerned. Fond of gardening, cricket and rugby league.

ERIC H. KNIGHT, who's photograph is not shown, joined the firm this year. He trained at Leeds, qualifying in 1939. He is in charge of the firm's Shrewsbury office. The firm is one of the largest in the West Riding. The work undertaken is very varied, but predominantly industrial, churches, houses, schools, banks, public houses and hospitals. There is a staff of 20. Recent work includes: previous page, top, orthopaedic ward and pathological department for the Staffordshire general infirmary (cost £,80,000); the casualty department of the hospital of St. Cross, Rugby (cost £20,000). This page, above: two storey house at Hedley Garside, Huddersfield, and bungalow at Nathan Thornton. Right, exterior, and standard executive's office, of offices for Hoiset Engineering Co., Huddersfield. Bottom, two churches, at Fixby, right, and at Fernside, Huddersfield (now under construction).

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#### Think of a number

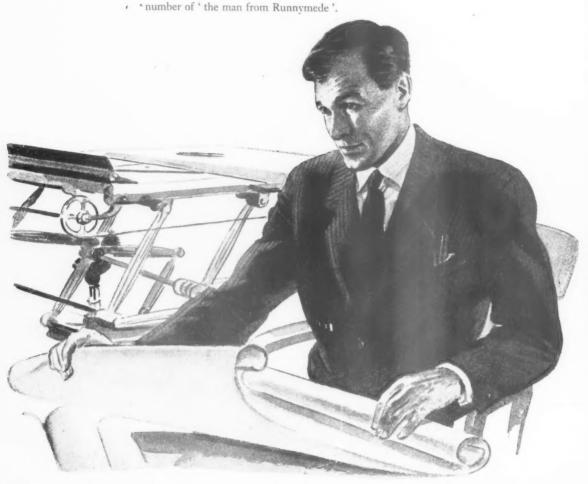
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#### JOSEPH BERRY

ARCHITECT IN PRIVATE PRACTICE
IN HUDDERS FIELD

J. GORDON BERRY-foreground, right-is the grandson of the founder of the firm, who started the practice in 1885. Joseph Berry's two sons joined him before the '14 war and the eldest, J. Norman Berry, carried on the practice until his death in 1940. In turn, his eldest son, the present principal, joined the firm in '39, after three years at Leeds School and qualifying externally. During the war Gordon Berry served in the RE in North Africa, Sicily and Italy, being awarded the MC. During the war the practice was carried on by WILLIAM VOELKEL, who has been associated with the firm since 1919. Mr. Voelkel was articled with Garside & Pennington, architects at Pontefract and Castleford. He later studied at the Leeds School, qualifying in 1913, and worked in offices at Harrogate, Newcastle-upon-Tyne and with the Staffordshire county education architects' department. After the war a second graduate of the Leeds School became an associate of the firm: Gerald Baxter, shown in background left, of the photograph. Also in the photograph are, left to right, J. Sanderson, R. A. Wild, P. Brawn and W. Voelkel. The firm has great confidence in the future of post-war private practice based on co-partnership and profitsharing. The office also runs a group provident insurance scheme, by which the premium is reduced by 25% for a minimum group of twelve, which happens to be the size of the firm. Right, community hall, Newsome, designed by G. M. Baxter; perspective: John Squire. Below, left, county primary school, Elland. Below right, operating theatre at St. Luke's Hospital, Huddersfield. Bottom left, house at Almondsbury. Bottom right, bungalow at Austhorpe, near Leeds, designed by R. A. Wilde.





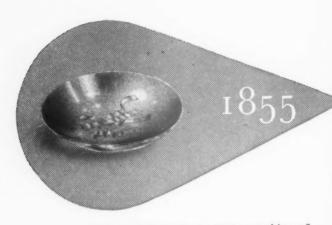






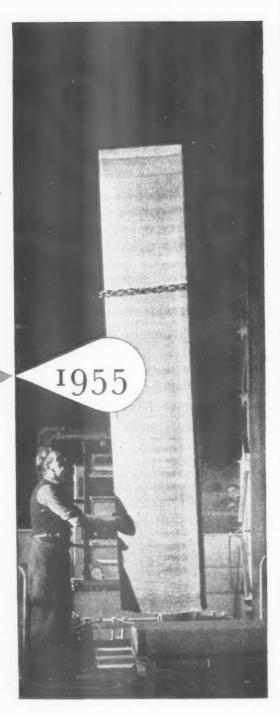


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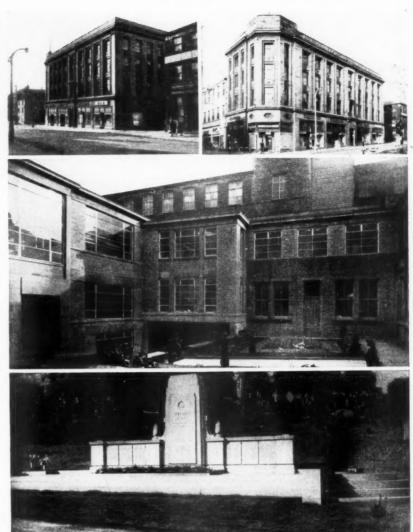
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NORMAN CULLEY
ARCHITECT IN PRIVATE PRACTICE
IN HUDDERSFIELD

NORMAN CULLEY, born and bred in Huddersfield, has for 50 years been head of the Architecture Department of the Huddersfield School of Art-a " listed " for full-time study with 65 students, half of whom attend fulltime. Recently, due to ill-health, he resigned from the school but he continues to run a small practice with one assistant. He has never had more than three assistants as he "doesn't believe in plan factories." An exuberant speaker and accomplished artist he has a string of past accomplishments: p.-president WYSA, president of the Huddersfield Art Society, vice-president Huddersfield Thespians, founding editor of the WYSA Journal and first chairman of the Huddersfield branch of the WYSA. Right, from top: High Street buildings, Huddersfield, a central area reconstruction scheme of offices and shops; reconstruction of Prospect Mills; a memorial to 57 victims of a local warehouse fire.



#### STOCKS, SYKES & HICKSON ARCHITECTS IN PRIVATE PRACTICE IN HUDDERSFIELD

CLIFFORD HICKSON is the sole partner. The practice was founded by the late Alderman Ben Stocks in 1860. In 1891 he took into partnership the late Arthur Sykes (a silver medallist of the AA) to whom Mr. Hickson was articled in 1919. Mr. Sykes retired in '37. Mr. Hickson is active in public and professional life. He has been chairman of the







## New Ward Block - Hull Royal Infirmary



Nurses Accommodation, Hull Royal Infirmary, Sutton.

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Facings

Architects (New Ward Block)
P. B. Nash, A.R.I.B.A., Dip. T.P.,
R. Mellor, F.R.I.B.A. & A. Kilner,
A.R.I.B.A. Contractors: Spooners
(Hull) Ltd. Bricks supplied
through: Roberts Adlard & Co. Ltd.

Architects (Nurses Accommodation):
P. B. Nash, A.R.I.B.A., Dip. T.P.,
R. Mellor, F.R.I.B.A. & H. C.
Weegman, A.R.I.B.A. Contractors:
G. Barker & Co. Ltd. Bricks supplied
through: H. Williamson & Co. Ltd.

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For this imposing hospital block, also for the new Nurses Accommodation at Sutton Hospital, Ibstock Red Multi-coloured rustic facing bricks were selected and used with satisfying results.

# Tostock Facings for Colour Owing to present demand, supplies of facings of most types are booked for a long time ahead and reservations for 1955-6 are now being made.

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Huddersfield Housing, Assessments and War Pensions committees, and has served on Highways, Town Planning, Estate and Properties, Civil Defence, and other committees. Twice vice-chairman of the Huddersfield Branch, WYSA, and chairman from '38-'39, he was on the WYSA Council from '35-'47, and from '38-'45 represented the Huddersfield branch WYSA on the Allied Societies Conference. He has three assistants in his office. He deplores the loss of good craftsmanship since the war: "if they can't put things through a machine they are sunk" he complained. Examples of work are:

previous page, a village memorial and garden of remembrance for South Crosland and Netherton. Left, another memorial in oak for the 5th Battalion, The Duke of Wellington's Regiment at the Drill Hall, Huddersfield. Housing land, i right shops at Brockholes, for Holmfirth UDC in local stone.

#### K. W. CRAVEN

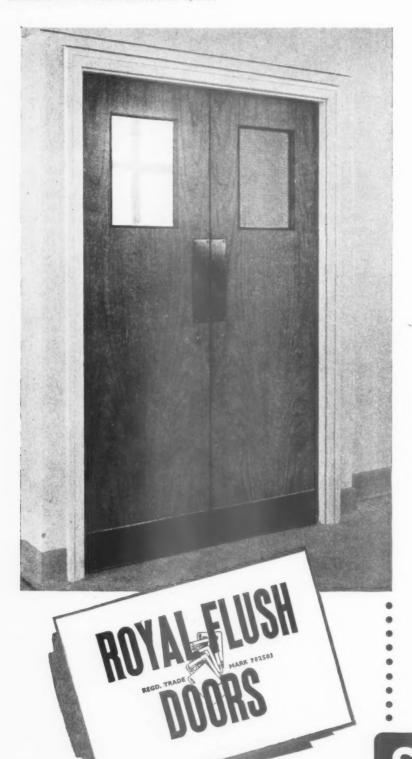
EDUCATION ARCHITECT IN BOROUGH ENGINEERS DEPARTMENT, HALIFAX

K. W. CRAVEN has only been at Halifax for the past nine months. A Yorkshireman, he trained at the Sheffield School for three years, before going into the Royal Navy for the war. He left the Navy in '44 and went to Grenfell Baines for six months. Then followed work with the Garstang RDC, Lancs; Preston Borough, and, for four years, with the Lancs CC. After a further three years with Preston he got his present job at Halifax. He qualified externally in '48. The value of his present educational programme is about £350,000. He is determined to go back to pitched roofs and simple traditional building, as he feels "the more straightforward a building the better." Right, the Deanfield Primary School, designed by his predecessor, K. Caton. Below, an elevation of one of the schools designed since Mr. Craven took up his office: the Halifax Technical High School. The Borough Engineer of Halifax is G.





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Halifax

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gramm 3-store designs

people Below,

right,

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F. H. HOYLES

HOUSING ARCHITECT, BOROUGH ENGINEERS' OFFICE, HALIFAX

F. H. HOYLES, the housing architect in the Halifax Borough Engineer's Department, is a Lancashire man who came to Halifax in 1948. He has spent most of his career in local authority offices, including Bolton Radcliffe and Accrington, where he was chief assistant architect. He has a staff of eight assistants, one of whom is qualified, and two surveyors. He is short of staff for his considerable programme, which consists of 300 houses and 3-storey flats a year—all traditional—and designs for a £80,000 crematorium, and aged people's home, a fire station, offices and shops. Below, housing on the Keighley road; below right, temporary shops in Turner Avenue.



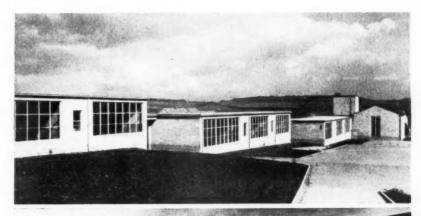






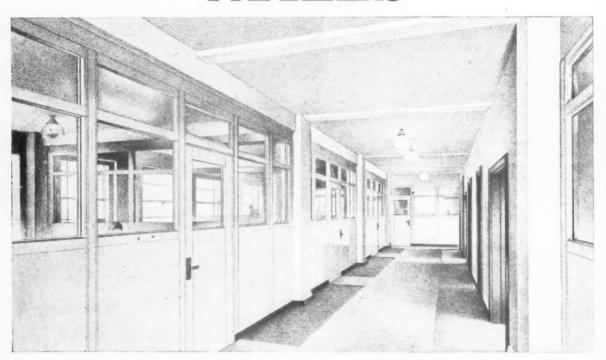


RICHARD PICKLES was articled to and later Partner to an elder brother who retired in 1952, after 30 years in practice. A Yorkshireman, he served in R.A. and R.E. during the last war. Qualified externally in 1947. He is chairman of the Halifax branch of the WYSA. His office consists of 2 assistant architects, 3 Students RIBA, 2 pupils and 2 secretaries. Occasionally has a Q.S. on staff. At present takes off his own quantities, but would prefer not to. Although his brother has retired he is still interested in architectural matters as chairman of the Housing Committee of the Halifax County Borough Council. A third brother,





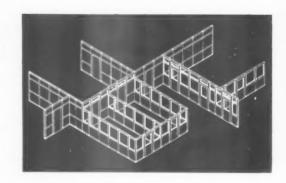
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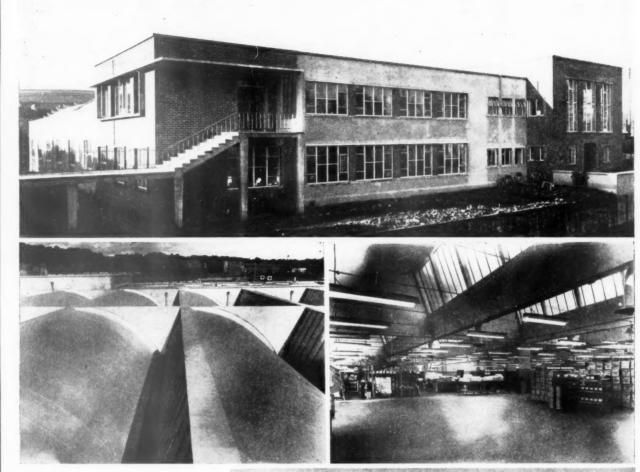


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Wilfred, may be a familiar name to some readers. Right, previous page, two views of Whitehill county primary school, Halifax-Walls faced in local, sawn ashlar stone blocks. Hall roofs: copper, on steel frame. Cost: £110,000. Assistant architect: Jesse Dean. Above, three views of a factory for Allied Textiles Ltd., Dublin. Construction: shell concrete for twelve north-light roof panels; Second from bottom, perspective of Halifax Technical College now under construction and due for completion in 1956. Construction: r.c. frame and floors, stone facings. Cost, including fittings, £450,000, approx. Associated architects: Messrs. Clement Williams and Sons. Assistant architects: Jesse Dean, G. M. Fields, T. Whitwell. Right, the architect's own house, limited to 1,500 sq. ft. Extreme right, bungalow for a builder.

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ARCHITECTS IN PRIVATE PRACTICE IN HALIFAX

J. F. WALSH the late founder of the practice began on his own account in 1885. Among work for which he was responsible were eleven schools in the parish of Halifax and several local churches. At that time he was in partnership with a Cotswold architect, G. S. Nichols. This partnership was dissolved in 1913, and George Maddock, a former pupil and assistant became a partner in 1918. In 1938, W. H. WILKINSON, another former pupil joined the partnership, and in 1939, when George Maddock died, G. A. Coutts, became the third partner. W. H. Wilkinson died in 1949. J. F. Walsh died in 1950, at the age of 89. G. A. COUTTS, right, trained at the Liverpool School and took an honours degree in 1933. For one year he taught at the school, and took the town planning diploma at the School of Civic Design under Professor Abercrombie. Then came work with Quiggin & Gee, the Liverpool architects, until 1939.

W. ALAN DOBSON was articled to the firm in 1936. From 1946-48 he took a full-time course at the Leeds school. He then worked for firms in the north and midlands until '49. Below, left and right, weaving shed and warp store in reinforced concrete at Bradford. Cost:



£34,800. Centre, left to right: local authority housing at Willowfield, Halifax, consisting of 26 old people's bungalows, 16 houses and 72 flats. Construction: largely traditional. Cost: £119,287. Bungalow at Skircoat Green, Hali-

fax. House at Menston, in Wharfedale. Cost: £8,371. Bottom, combined church and church hall. Construction: precast r.c. frame, brick cavity walls, roof: wood wool slabs and concrete tiles. Contract price: £9,132.







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ARCHITECT IN PRIVATE PRACTICE
IN HALIFAX

G. R. ODDY, elected a licentiate in 1912, commenced his practice in Halifax in 1924 and has been at the same address ever since. His practice is varied: factories for heavy and light industry, shops, hospital work and housing. During the war he did a large amount of work for the War Damage Commission as an assessor. Two recent buildings are shown here-Right, and above right, detail of entrance and general view of new offices for Messrs. Economic Stores Ltd. Extreme right, a dairy for Messrs. Halifax Dairies Ltd.







#### Buildings Illustrated

Nurses' Accommodation in Hull Royal Infirmary (Sutton). (Page 735.) Architects: P. B. Nash, LR.I.B.A., DIP.T.F.; Richard Mellor, F.R.I.B.A.; H. C. Weegman, A.R.I.B.A. General Contractors: E. Barker Ltd. Sub-contractors: Floors, Concrete Ltd.; metal windows, Crittalls Ltd.; flush doors, Durham Timber Co. Ltd.; sanitary fittings, Shanks Ltd.; flooring, Asbestos & Rubber Co. Ltd.; ironmongery, Parker, Winder & Achurch Ltd.; heating, etc., Rosser & Russell Ltd.; electrical, Senior & White Ltd.

High Energy Radiation Centre in Cookridge Hospital, Leeds, (Page 735.) Architects: Kitson, Parish, Ledgard & Pyman; P. B. Nash, Ar.L.B.A., DIP.I.P. General Contractors: G. Wimpey & Co. Ltd.; Consulting Engineers, R. R. Jennings & Partners; Quantity Surveyors, Rider Hunt & Partners; Clerk of the Works, A. Smith. Sub-contractors: mechanical engineering, H. Morfitt & Son Ltd.; electrical engineering, N. G. Balley & Co. Itd.; laboratory fittings, Halstead Bros. Ltd.; reinforcement. Twisteel Reinforcement Ltd.; ironmongery, W. & R. Leggott Ltd.; lead-lined doors and partitions, Venesta Ltd.; facing bricks, Wray & Co.; roofing, Northern Asphalt & Roofing Works Co. Ltd.

New Ward Block in Hull Royal Infirmary (Sutton). (Page 735.) Architects: P. B. Nash, Ar.Lib.A., DIP.T.P.; Richard Mellor, F.R.I.B.A.; H. C. Weegman, A.R.I.B.A., General Contractors: Spooners (Hull) Ltd. Sub-contractors: steelwork, Dunlop & Ranken; floors. Concrete Ltd.; metal windows, Williams and Williams; flush doors, Rippers Ltd.; sanitary fittings, Dent & Hellyer Ltd.; wood block. Hewetson's Ltd.; rubber floors and semastic tiles, Semtex Ltd.; balustrades. P. Abba Ltd.; heating, etc., Rosser & Russell Ltd.; electrical, Grierson's Ltd.; lifts, Pickerings Ltd.

Grierson's Ltd.; lifts, Pickerings Ltd.

Public Health Laboratory, Seacroft Hospital, Leeds. (Page 735.) Architects: P. B. Nash, A.R.LB.A., DIF.T.P.; Richard Mellor, F.R.LB.A.; A. Kilner, A.R.LB.A., General Contractors: Robert R. Roberts (Leeds) Ltd.; Mcchanical Engineer, G. E. Warhurst; Electrical Engineer, A. E. Holland; Quantity Surveyor, Rex Proctor: Clerk of the Works, A. C. Bradbury. Sub-contractors: mechanical engineering, Brightside Foundry & Engineering Co. Ltd.; electrical engineering, Allenby & Stokell Ltd.; reinforcement. Twisteel Reinforcement Ltd.; flush doors, F. Hills & Sons Ltd.; sanitary fittings, The Leeds Fireclay Co. Ltd.; sanitary fittings, The Leeds Fireclay Co. Ltd.; iffs, Electro-Lifts Ltd.; artificial stone, G. Greenwood & Sons; terrazzo and wall tilling, A. Andrews & Sons (Marble and Tiles) Ltd.; flooring, Granwood Flooring Co. Ltd., A. Andrews & Sons (Marble and Tiles) Ltd.; flooring, Granwood Flooring Co. Ltd., A. Andrews & Sons (Marble and Tiles) Ltd.

Church of the Immaculate Heart of Mary, Moortown, Leeds. (Page 736.) Architect: R. A. Ronchetti. Main contractors: M. Harrison & Co. Ltd. Sub-contractors: art stone, suspended floor, Girlings Ferro Concrete Ltd.; internal and external bricks, the London Brick Co.; steelwork, Dunlop & Ranken Ltd.; flooring, Semtex Ltd.; leaded lights, Arnold & Stoff.

leaded lights, Arnold & Stoff.

Church and Presbytery, Southend Road, Sheffield. (Page 736.) Architect: R. A. Ronchetti. Main contractors: Bramall & Ogden. Sub-contractors: artificial stone, suspended floor, Girlings Ferro Concrete Lt.; bricks, (external), London Brick Co. Ltd.; (internal), Brick Marketing Board; flooring to Church, Semtex Ltd.; heating, W. Richardson & Co. Ltd.; (ighting, Teblon Equipment Ltd.; ceiling to Church, Anderson Construction Co. Ltd.; roof steelwork, Dunlop & Ranken Ltd.; leaded lights, Kayll & Co.

Kayll & Co.
Church of St. Mary Immaculate, Herringthorpe
Valley Road, Rotherham. (Page 736). Architect: R. A. Ronchetti. Main contractors: C.
Earnshaw (Rotherham) Ltd. Sub-contractors: artificial stone, suspended floors, Girlings Ferro
Concrete Ltd.; bricks (internal). The Brick Marketing Board; (external). The London Brick Co.;
flooring, Semtex Ltd.; heating, W. Richardson &
Co. Ltd.; lighting, Teblon Equipment Ltd.; roof,
(steelwork). Dunlop & Ranken Ltd.; tiles, Langleys; ceiling, Anderson Construction Co.; leaded
lights, Kayll & Co.

House for Dr. C. H. Robisonn, Stirton. (Pages 736-737.) Architect: Mary D. Wales, A.R.I.B.A. Chartered Architect. Builder, T. T. Chapman Ltd.; joiner, Harry Turner; plasterer, Merritt & Fryers Ltd.; plumber, Alan Riddiough; electrician, Crawen & District Electrical Construction Co. Ltd.; painter, G. H. Mason & Sons Ltd.

Co. Ltd.; painter, G. H. Mason & Sons Ltd.;

Shops in High Street, Skipton. Treasure Galleries
for Miss Ida Whittaker. (Page 737.) Architect: Mary D. Wales, A.B.I.B.A., Chartered
Architect. Builder, plasterer, Thes. Ducketts &
Son Ltd.; joiner, E. Lowe; plumber, painter,
J. & N. Atkinson; electrician. Craven & District
Electrical Construction Co. Ltd. Elaine for Mrs.
L. W. Buckler. General Contractors: Briggs &
Duxberry.

Duxberry.

House with Stone Porch for R. H. Bailey Eso.,
Skipton. (Pages 736-737.) Architect: Mary D.
Wales. A.R.LB.A., Chartered Architect. Builder,
Whitton & Harvey; joiner, Thos. Duckett & Son
Ltd.; plasterer, Merritt & Fryers Ltd.; plumber,
Ernest Wharton; electrician, Craven & District
Electrical Construction Co. Ltd.; painter. R.
Quigley & Son; roofer, Thos. Nelson & Sons Ltd.

House with Glass Porch for C. Drake, Esa, Skipton. (Pages 736-737.) Architect: Mary D. Wales, A.R.I.B.A., Chartered Architect. Builder, T. H. Metcalfe; joiner, Harry Turner; plasterer, J. R. Scruton; plumber, Ernest Wharton; painter, T. Pickles; electrician, G. E. Hanson; roofer, Marley Tile Co. Ltd.

Detached House for Miss E. Adams, Skipton. (Pages 736-737.) Architect: Mary D. Wales, A.R.I.B.A., Chartered Architect. Builder, T. T. Chapman & Co.; joiner, Thos Duckett & Son Ltd.; plasterer, Merritt & Fryers Ltd.; plumber, E. Caswell & Son; electrician, Craven & District Electrical Construction Co. Ltd., roofer, Thos. Nelson & Sons Ltd.

Neison & Sons Ltd.

Buttershaw Infants' School, Bradford. (Pages 739-740.) Architect: W. C. Brown, DIP.ARCH., F.E.I.B.A., DIP.T.P., A.M.T.P.I., City Architect. Contractors (separate trade contract): mason, brick-layer, etc., W. G. Birch (Harrogate) Ltd.; carpenter and joiner, F. P. Leach & Sons Ltd. (Wyke, Bradford); plumber, A. Higginbotham & Sons Ltd.; plasterer, J. Smith; painter, F. Needham.

Neconam.

Brookfield Infants' School, Bradford. (Pages (739-740.) Architect: W. C. Brown. DIP.ARCH., F.B.L.B.A., DIP.T.P., A.M.T.P.I., City Architect. Chief Architect. Chief Assistant Architect: H. H. Whitwham, A.B.L.B.A. Senior Assistant Architect: G. S. W. Connor, DIP.ARCH., A.B.L.B.A. General Contractor: Leedsford Ltd (Eccleshill, Bradford).

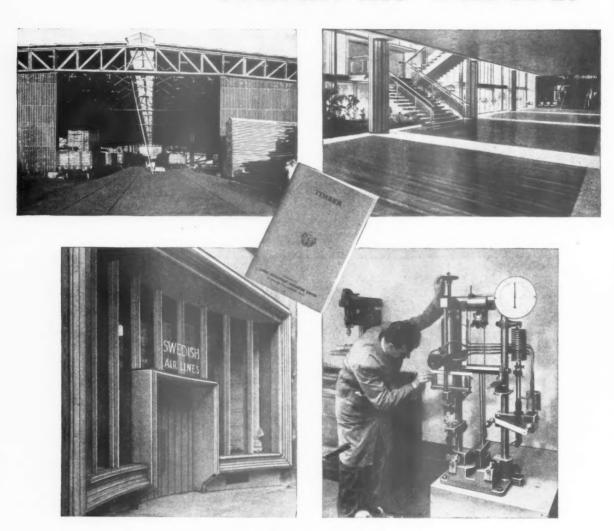
Police Traffic Branch Headquarters, Bradford. (Pages 739-740.) Architect: W. C. Brown, DIP.ARCH., F.R.I.B.A., DIP.T.P., A.M.T.P.I., City Architect. Contractors: Reinforced concrete, Holst & Co. Ltd.; structural work, W. J. Simms, Sons & Cooke Ltd.

Co. Ltd.; structural work, W. J. Simms, Sons & Cooke Ltd.

Showrooms & Offices, Central Garage Ltd., Bradford. (Page 741.) Architects: Ross & Roeff. General Contractors: Frank Robinson & Sons Bradford) Ltd. Sub-contractors: carpentry, joinery, special fittings, Thompson & Co. (Great Horton) Ltd.; plastering, M. W. & H. Howroyd; plumbing, glazing, electrical work, A. Higgimbotham & Sons Ltd.; terrazzo paving, quarry tile paving, A. Andrews & Sons Ltd.; office partitions, Acrow (Engineers) Ltd.; sliding doors, Esavian Ltd.; steelwork, Henry Barrett & Sons Ltd.; 'Austin' sign, Claude-General Neon Lights Ltd.; shutter gate, Bolton Gate Co. Ltd.; floor slabs, Concrete Ltd.; suspended ceilings, Expanded Metal Co. Ltd.; door fittings, furniture, metal balustrades, W. & R. Leggott Ltd.; inloeum flooring, Taylor & Parsons Ltd.; asphalt flooring, Limmer & Trinidad Lake Asphalt Co. Ltd.; semastic flooring, Semtex Ltd.; painting, W. Knapton & Sons, Ltd.; sasphalt roffing, Tunstalls Seyssel & Limmer Rock Asphalt Co. Ltd.; lighting fittings, Falk, Stadelmann & Co. Ltd.; doen lights, Pilkington Bros. Ltd.; roof exit ladder, H. C. Slingsby Ltd.; artificial stone, Girlings ferro-concrete Co. Ltd.; santificial stone, Girlings ferro-concrete Co. Ltd.; amit pricks, Proctor & Lavender Ltd.; metal door and window frames, Williams & Williams Ltd.; "Murite" plaster Cafferata & Co. Ltd.; "Carlisle; lighting fittings, Plaste



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Bakery for E. R. Halford Ltd. at Gain Lane, Pudsey. (Page 742.) Architects: Wm. Illingworth & Son. F.R.I.B.A., F.R.I.C.S., L.R.I.B.A. General Contractors: Sir Robert McAlpine & Sons Ltd. Sub-contractors: reinforcement of concrete framework and barrel roofs, Twisteel Reinforcement Ltd.; lantern lights, W. H. Heywood & Co. Ltd.; steel windows. Henry Hope & Sons Ltd.; steam heating and H.W. supply, Rosser & Russell Ltd.; electric light and power, Woolman Ltd.; roofing, Ruberoid Co. Ltd.; splantle tanking, Northern Asphalte Co. Ltd.; plumbing and steel balustrading, Braithwaite & Co. Ltd.; steel plating to floors, Stelcon (Industrial) Floors Ltd.; glazier, Reed Millican & Co. Ltd.; butter gates, Bolton Gate Co. Ltd.; lift, Keighley lifts; roller shutters, Street & Collins; fireproof doors, Mather & Platt Ltd.; fencing, Proctor Bros. (Wireworks) Ltd.; painting, Oates Bros.; joinery, Whitaker & Co. (Denholme) Ltd.; art stone coping, Ebor Concretes Ltd.; door furniture, N. F. Ramsay & Co. Ltd.

Methodist Church at Undercliffe (Page 742.)
Architects: Wm. Illingworth & Son, F.R.L.B.A. F.R.L.C.S., L.R.L.B.A. General Contractors: Michael Booth & Sons Ltd. Sub-contractors: Michael Booth & Sons Ltd. Sub-contractors: Joiner. Thompson & Co. (Gt. Horton) Ltd.; plumber and glazier, J. H. Shouksmith & Sons Ltd.; plasterers, Ltd. Nominated Sub-contractors: steelwork, Henry Brook & Co. Ltd.; concrete roof and flooring, Trussed Concrete Steel Co. Ltd.; reconstructed stonework, Girlings Ferroconcrete Co. Ltd.; heating engineers, Rosser & Russell Ltd.; asphalters, Arthur Gill (Bradford) Ltd.; flooring specialists, J. A. Hewetson & Co. Ltd.; suspended ceiling, Expanded Metal Co. Ltd.; suspended ceiling. Expanded Metal Co. Ltd.; saybended ceiling, Expanded Metal Co. Ltd.; saybended ceiling, Expanded Metal Co. Ltd.; son (BFD.) Ltd.; painter and decorator, Alfred Bagnall & Sons Ltd.; wrought ironwork, H. Dusstiffs Building, Hardford Legalett for Manager Metal Co. Dusstiffs Building, Hardford Legalett for Manager Metal Co. Ltd.; Proceedings of the Co. Dusstiffs Building, Hardford Legalett for Manager Metal Co. Ltd.; Proceedings of the Co. Dusstiffs Building, Hardford Legalett for Manager Metal Co. Ltd.; Proceedings of the Co. Dusstiffs Building, Hardford Legalett for Manager Metal Co. Ltd.; Proceedings of the Co. Dusstiffs Building, Hardford Legalett for Manager Metal Co. Ltd.; Proceedings of the Co. Ltd.; Proceedings of the

Dyestuffs Building, Horsforth for Messrs. Saudoz Products Ltd. (Page 744.) Architects: Chippindale & Edmondson, Chartered Architects. Main Contractors: Wm. Irwin & Co. Ltd. Subcontractors: piling, Cementation Co. Ltd.; steel reinforcement, B.R.C. Engineering Co. Ltd.; steelwork, H. Barrett & Sons, Ltd.

steelwork, H. Barrett & Sons, Ltd.

\*\*Hkley College of Housecraft, Ilkley. (Page 745.) Architects: W. J. Morley & Son, Chartered Architects. General Contractors: Walter G. Birch (Harrogate) Ltd.; wood wood Isabs, Roof Insulations Ltd.; built-up roof coverings, Roy (Roofing) Ltd.; sphalter, Tunstals Seyssell & Limmer Rock Asphalte Co. Ltd.; carpenter and joiner, Beaumont & Wilson Ltd.; plumber, Ion Dyson Ltd.; plasterer, Andrew Firth & Sons Ltd.; metal windows and dome lights, Henry Hope & Sons Ltd.; fire escape, etc., Frederick Fox, Ltd.; sanitary fittings, Shanks & Co. Ltd.; facing bricks, Williamson, Cliff Ltd.; flush doors, Beaumont & Wilson Ltd.; lift, Keighley Lift Ltd.; ceilings, Expanded Metal Co. Ltd.; floorings, Semtex Ltd., Hollis Bros. Ltd., A. Andrews & Sons, Carter & Co. Ltd., Granwood Flooring Co. Ltd.; cookers, John Mollett Ltd.; sink units, etc.. Beaumont & Wilson Ltd., Rycroft & Co. Ltd.; ironmongery, W. & R. Leggott Ltd.; precast concrete, Girlings Ferro Concrete Ltd.; precast concrete, Girlings Ferro Concrete Ltd.; printure and equipment, West Riding County Supplies Department.

Barclays Bank, Bradjord. (Page 745.) Architect: W. J. Morley & Son, Chartered Architects. General Contractors: Alfred Robinson (Builders and Contractors: Alfred Robinson (Builders and Contractors): Ltd. Sub-contractors: asphalter, Limmer & Trinidad Lake Asphalte Co. Ltd.; concrete floors, Girlings Ferro Concrete Co. Ltd.; cencrete floors, Girlings Ferro Concrete Co. Ltd.; steelwork, Henry Barrett & Sons Ltd.; metal windows and lantern lights, Henry Hope & Sons Ltd.; theating. Rosser & Russell, Ltd.; electrical installation, Smith & Croft: lifts, Keighley Lifts Ltd.; revolving door, panelling and bank fittings, Shepherdsons; marble floor, columns and terrazzo floors, Art Pavennett & Decorations Ltd.; floor and wall tiling, Carter & Co., London, Ltd.; wood block floors, Bennetts Wood Flooring (Tungit) Co. Ltd.; fibrous plaster, Leonard Stead & Son; sanitary fittings, Tylors of London Ltd.; ironongery, James Gibbons Ltd.; embossed glass, J. Hall & Sons Ltd.; strong room shelving, Evertaut Ltd.; strong room grilles, Chubb & Sons Ltd.; balustrades and gates, Francis Dudley & Co.; internal telephones, Reliance Telephone Co. Ltd.

Administration Office Building for I.C.I. Ltd., Huddersfield. (Pages 749-750.) Architect: A. V. Montague, A.R.I.B.A., Dipl. Arch. (Leeds). Contractors. Foundation and basement. Mowlems Ltd.; superstructure. G. Wimpenny Ltd.; steelwork, Palmers, Hebburn & Co.; pre-cast hollow beams. Siegwart Ltd.; heating and ventilating, Heat & Air Systems Ltd.; steal windows, Doodson & Bain Ltd.; electrical work, H. C. Stringer Ltd.

Area Office and Laboratory Block for I.C.I. Ltd., Huddersfield. (Pages 749-750.) Architect: A. V. Montague, A.R.I.B.A., Dipl. Arch. (Leeds). Contractors: "Holmpress" Pies. General Contractors: G. Wimpenny Ltd. Sub-contractors: floors, Siegwart Ltd.; steel reinforcement. Twisteel Reinforcement Ltd.; steelwork, Palmers, Hebburn Co. Ltd.; electrical work, H. C. Stringer Ltd.; heating, Heat & Air Systems Ltd.; windows,

Doodson and Bain Ltd.; laboratory fittings and services. Halstead Bros. Ltd.

General Office Block for I.C.I. Ltd., "Terylene" Council, Harrogate. (Pages 749-750.) Architect: A. V. Montague, A.R.I.B.A., Dipl. Arch. (Leeds). General Contractors: G. Wimpey & Co. Ltd. Sub-contractors: steelwork, Redpath, Brown & Co. Ltd.; "Rapid" pre-cast floors; windows, Henry Hope & Sons Ltd.; electrical work, W. H. Smith, Ltd.; rubber floors, Semtex Ltd.; wood block floors, Hollis Bros. Ltd.; heating and ventilating, Carrier Engineering Co. Ltd.; lift, Waygood-Otis Ltd.; boardroom, Chairman's suite and special furniture, John Curtis & Son Ltd.; exhibition room, David Esdalle & Co. Ltd. (Consultant—Hulme Shadwick, A.R.C.A.); terrazzo, Conways Ltd.

Laboratory Block for I.C.I. Ltd., "Terylene" Council, Harrogate. (Pages 749-750). Architect: A. V. Montague, A.R.B.A., Dipl. Arch. (Leeds). General Contractors: G. Wimpey & Co. Ltd. Subcontractors: steelwork, Redpath, Brown & Co. Ltd.; "Rapid" pre-cast floors; electrical work, W. H. Smith Ltd.; laboratory fittings, A. Gallenkamp & Co. Ltd.; laboratory services. Spink & Simpson; heating and ventilating, Carrier Engineering Co. Ltd.; wood block floors, Hollis Bros. Ltd.; rubber floors, Semtex Ltd.; concrete dressings, George Greenwood & Sons Ltd.; terrazzo, Conways Ltd.

Amenities Building for I.C.I. Ltd., "Terylene" Council, Harrogate. (Pages 749-750.) Architect: A. V. Montague, A. R.I.B.A., Dipl. Arch. (Leeds). General Contractors: G. Wimpey & Co. Ltd. Sub-contractors: steelwork, Redpath, Brown & Co. Ltd.; "Rapid" precast floors; electrical work. W. H. Smith Ltd.; kitchen equipment, Benham & Co. Ltd.; Service hoists, Wm. Wadsworth & Sons Ltd.; concrete dressings, George Greenwood & Sons Ltd.; terrazzo, Conways Ltd.

Ltd.; terrazzo, Conways Ltd.

Yorkshire Copper Works, Leeds. (Pages 750-751.)
Architects: Norval R. Paxton & Partners. General
Contractor, Wm. Airey, Leeds; reinforced concrete contractor, Holst & Co.; reconstructed stonework, Concrete Ltd.; precast beam floors. Concrete Ltd.; heating installation, Hopes Heating
& Engineering Ltd.; hot water supply, ventilation, fume extraction, ditto; glass walling and
rooflights, Lenscrete Ltd.; metal windows,
Mellowes & Co.; covers and frames, The Dover
Engineering Co. Ltd.; special glazing (double
glazing), Pilkington Bros.; electric wiring,
Edmundsons Electric; doors and furniture,
Plymax; W.C. partitions, Plymax; armour plate
main doors, Pilkington Bros.; sanitary fittings,
Doulton; door furniture, Gibbons; acid-resisting
work and fume cupboards and fume extracts,
Prodorite; acid-resisting tiling, ditto; floor
finishes, Yeates & Hanson; terrazzo work, Andrews
of Leeds; painting, paint, Montgomerie, Stobo
Ltd.

Maintenance Depot for Messrs. W. & T. Avery Ltd., at Bolling Road, Bradford. (Pages 750-751.) Architects: Norval R. Paxton & Partners. General Contractor. J. & J. O' Bank & Co. Ltd. Sub-contractors: reinforced concrete, Holst & Co.; reconstructed stonework, Girlings Ltd.; dock doors, Bolton Gate Co.; electrical, Allenby & Stokell, Leeds; heating, Hayes Heating Ltd.; precast beams, Concrete Ltd.; quartzite, Andrews & Sons of Leeds; roofing, Northern Asphalt Co. Ltd.; shopfitting, Wm. Mason Ltd.; sanitary fittings, Leeds Fireclay Co.; windows, Williams & Watson, Liverpool; wood block, Hewetsons, Hull; ventilating, P. M. Walker & Co.

New Office Block, Westgate, Leeds 1, for Messis, Brotherton & Co. Ltd. (under construction). (Page 754.) Architect: Victor Bain, F.R.I.B.A. General Contractor: Geo. Wimpey & Co. Ltd.

Service Garage for Messrs. Tate of Leeds Ltd. (Page 754.) Architect: Victor Bain, F.R.L.R.A. Main Contractor: The Trussed Concrete Steel Co. Ltd., London.

Chemical Works, Bromborough, Cheshire, for Messrs, Brotherton & Co. Ltd. (Page 754.) Architect: Victor Bain, F.R.I.B.A. Main Contractors, Thomas Warrington & Sons Ltd. Steelwork, Whitnall & Gregory Ltd.

Whitnall & Gregory Ltd.

Bungalow for G. W. Talbot, Esq. (Page 760.)

Architects: Firth, Son & Blackburn, Chartered Architects: Main contractors (Excavator, Mason and Bricklayer): Edwin Kilburn & Son Ltd. Sub-contractors: carpenter and joiner. Walter West & Son (Dewsbury) Ltd.; plumber and glazier, Albert Scott Ltd.; plasterer, A. Idle & Sons Ltd.; slaters, Qickles Bros (Slaters) Ltd.; wall and floor tiling, A. Andrews & Sons Ltd.; tarmacadam, George Brook & Sons; painters and decorators, Bickers Ltd.; electricians, Beaumont & Blackburn Ltd.; built-up roofing specialist, Roy (Roofing) Ltd.; garage door, E. Hill Aldam & Co. Ltd.

Factory Extension for Birstall Carpet Co. Ltd. (Page 760.) Architects: Firth, Son & Blackburn, Chartered Architects. Main Contractors (Excavators, Mason and Bricklayers): George Horsfall & Son; Samuel Armitage & Sons Ltd.; John Crossland Ltd.; Thomas Obank & Sons Ltd.; Haywood & Peirson; Sub-contractors: joiners. Thomas Obank & Sons Ltd.; Fothergill & Schoffeld; plumbers, Albert Scott Ltd.; painters. Bickers Ltd.; brake & Warters Ltd.; painters. Bickers Ltd.; brake & Warters Ltd.; structural steelwork, Sidney Raines Ltd.; precast concrete beams, Grip Steel Bar Co. Ltd.; Girlings Ferro-Concrete Co. Ltd.; reinforcement. Grip Steel Bar Co. Ltd.; British Reinforced Concrete Engineering Co. Ltd.; patent glazing and gearing,

Standard Patent Glazing Co. Ltd.; metal windows, Doodson & Bain Ltd.; asbestos spray, Turners Asbestos Cement Co. Ltd.; sprinklers, Mather & Platt Ltd.; acid resisting floors, Prodorite Ltd.; roller shutters, Haskins.

Detached House for A. Sharp. (Page 762.) Architects: Howorth, Walker & Liley. General Contractors: Robinson & Crowther. Sub-contractors: metal windows, H. Hope & Sons Ltd.; joiner, Drake & Warters; slates, Broughton Moor Green Slate Quarries; bricks (hand made), G. Armitage & Sons Ltd.

Factory and Offices, F. W. Birkett & Sons Ltd. (Page 762.) Architects: Howorth, Walker & Liley. Generol Contractors: Robinson & Crowther. Sub-contractors: structural steelwork and asbestos sheeting, Henry Barrett & Sons Ltd.; patent glazing, W. H. Heywood & Co. Ltd.; metal windows, Crittall Manufacturing Co. Ltd.; prestressed beams, Concrete Limited.

Canteen Extension, British Belting & Asbestos Ltd., Cleckheaton. (Page 762.) Architects: Howorth, Walker & Liey. General Contractors: Thomas Pickles & Sons Ltd., Sub-contractors: heating and air-conditioning, Richard Crittall & Co. Ltd.; wood biock flooring, J. A. Hewelson & Co. Ltd.; roof lights, Lenscrete Ltd.: plastering and tiling, Sellers Bros. (Spenborough) Ltd.; electrician, F. W. Birkett & Sons Ltd.; lighting fittings, Benjamin Electric Ltd.; kitchen equipment, Radiation Equipment—supplied by Northern Kitchen Equipment Co. Ltd.; precast concrete roof, Cawood Wharton & Co. Ltd.; metal windows, W. Walker & Co. (Art Metal) Ltd.; structural steelwork, Henry Barrett & Sons Ltd.

New Factory and Offices for Holset Engineering Co., Huddersfield. (Pages 765-766.) Architects: Messrs. Abbey & Hanson, Chartered Architects; General Contractors, Samuel Johnson & Son Ltd.; sub-contractors: structural steelwork, Edward Birdgood; roof covering, Ruberoid; wall tiling and terrazzo, Conways; wallpaper, John Line; tile flooring, Semtex; signs, Franco; light fittings, (i.E.C., Troughton & Young, Merchant Adventurers; furniture, Hills of London; glass doors and domes, Pilkington Bros. Ltd.; crane, Herbert Morris; reinforced concrete design, B.R.C. Ltd.; roller shutters, Shutter contractors, Ltd.; flat roof covering, Northern Asphalt Co.; ironmongery, W. & R. Leggott Ltd.; patent glazing, W. H. Heywood & Co. Ltd.; paint, Hadfields; heating, Cheetham; electrical, Shoolbred Electrical Co.

Orthopædic Ward for Staffordshire General Infirmary, Stafford. (Pages 765-766.) Architects: Messrs. Abbey & Hanson, Chartered Architects: Messrs. Abbey & Hanson, Chartered Architects: General Contractors; w. J. Simms Sons & Cooke; sub-contractors; metal windows, Crittals; roof covering, Frazzi; piling, Franki Piles; reinforced concrete design, B.R.C. Ltd.; flooring—wood, Hewetson's; flooring—tile, Semtex; terrazzo, Conways; wall tiling, R. G. Robertson; reconstructed stone. John Ellis; paint, Hadfields; heating, Arthur Scull; electrical, Christy Bros.; bcdy store, J. & E. Hall; ronmongery, Mountford Bros.; paving, Noelite; laboratory fittings, Scientific Furnishings; lighting fittings, Merchant Adventurers; glass domes, Pilkington Bros.; sanitary fittings, Wm. E. Farrar.

Casualty Department for Hospital of St. Cross, Rugby. (Pages 765-766.) Architects: Messrs. Abbey & Hanson, Chartered Architects. General Contractors, J. Parnell & Son; sub-contractors: heating, S. C. Gibson; electrical, E.T.N.A. Lighting and Heating; terrazzo, Quiligotti; wall tiling, Carter; sanitary fittings, Shanks & Co.; artificial stone, Constone; lighting fittings, Troughton & Young, door furniture, W. & R. Leggott; lanterns, Helliwell; flat roof covering, Neuchatel.

Hedley Garside House, Huddersfield. (Pages 765-766.) Architects: Messrs. Abbey & Hanson, Chartered Architects. General Contractor, John Robinson; sub-contractors: roof tiling, Marley Tile Co; central heating, H. C. Stringer; wood block, Hewetson; ironmongery, W. & R. Leggott; wall tiling, Conways; double glazing, Pilkington Bros. Ltd.; flat roof covering, Northern Asphalt Co.; garden works, Henry Platt.

Bungalow at Fixby. (Pages 765-766.) Architects; Messrs. Abbey & Hanson, Chartered Architects. General Contractors; Lister Brook & Co. Ltd. Sub-contractors: roof tiling, Jowett; wood blocks, Hollis; wall tiling. Molletts: heating and hot water, Courtray; ironmongery, Leggott; paint, Hadfields; double glazing, Pilkington Bros. Ltd.

Church of St. Francis at Fixby, Huddersfield. (Pages 765-766.) Architects: Messrs. Abbey & Hanson, Chartered Architects. General Contractors, Lister Brook & Co. Ltd. Sub-contractors: heating, Cheetham; wood flooring, Hewetson; door furniture, W. & R. Leegott; metal windows, Helliwell; tile flooring, Aipite; roof tiling, Pickles Bross.; lighting fittings, Falk Stadelman; folding door. Hillaldem; joinery and fittings, Jankinson; paint, Hadfields; suspended ceiling and steelwork, W. H. Heywood & Co.; facing bricks, Proctor & Lavender; flat roofing, Northern Asphalt Co.

Elland County Infants' School. (Page 767.)
Architects: Joseph Berry & Sons, F./A.R.R.A., in collaboration with H. Bennett, P.R.I.B.A. Main Contractor, Henry Boot & Sons, Ltd. Subcontractors: bricks, G. Armitage & Sons Ltd.; reinforced concrete roofs, Twisteel Reinforcement

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War Memorial, Drill Hall, St. Paul's Street, Huddersfield. (Pages 768-769.) Architects: Stocks, Sykes & Hickson, Fr.I.B.A., Chartered Architects. Contractors: H. H. Martyn & Co. Ltd.

Weaving Shed and Warp Store. Dudley Hill. Bradford. (Page 772.) Architects: Walsh, Wilkinson & Coutts, Chartered Architects. General Contractors: Raper & Dobson Ltd. Subcontractors: Reinforced concrete, Holst & Co. Ltd.; heating engineers, Arthur Heaton & Co. Ltd.; electricians, W. D. Wilson & Son (Bradford) Ltd.; lift, Keighley Lifts Ltd.; Acousti tiles, J. H. Bean & Co. Ltd.

House and Garage, Menson. (Page 772.) Architects: Walsh, Wilkinson & Coutts, Chartered Architects. General Contractors: Thomas Obank & Sons Ltd. Sub-contractors: Plasterers, Andrew Firth & Sons; roofing, Pickles Bros, Ltd.; electrical work, Armitage & Longbottom; Semastic tiling, Limmer & Trinidad Lake Asphalt Co. Ltd.

Bungalow, Skircoat Green, Halifax, (Page 772.) Architects: Walsh, Wilkinson & Coutts. Chartered Architects. General Contractors: E. & T. Bower Lid, Sub-contractors: Plumbers. John Holdsworth; joiners, J. H. Naylor & Co.; slaters and plasterers, Rushworth & Firth.

#### Announcements

Mr. Anthony M. Chitty, M.A., F.R.I.B.A., A.M.T.P.I., AA.DIPL., has accepted the invitation of the Secretary of State for the Colonies to become a member of his Advisory Committee on Colonial Colleges of Arts, Science and Technology.

Mr. C. B. M. Smith, A.R.I.B.A., has moved to 4, Bath Road West, Slough, Bucks, telephone number, Slough 23049.

Messrs. Stillman and Eastwick-Field have moved from Dean Street to 30, John Street, Bedford Row, W.C.1., telephone number, CHAncery 2021/2.

Mr. W. D. Sterland, DIP.ARCH., A.R.I.B.A., is now practising from 86, Friar Lane, Nottingham, where he will be pleased to receive trade catalogues.

The Headquarters Offices of the Architect's Department of the Newcastle Regional Hospital Board (Architect to the Board, Mr. P. H. Knighton, A.R.I.B.A.) are now situated at Walker Gate Hospital, Benfield Road, Newcastle 6, telephone number, Newcastle 59141/2.

Messrs. Taylor, Whalley & Spyra, Consulting Civil Engineers of 103, Portland Street, Manchester 1, have opened an office at 20, Dorset Square, N.W.1, telephone number, AMBassador 2833, and would be pleased to receive information on building products, etc.

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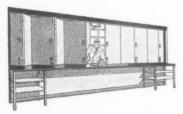
#### Corrections

On page 621 of our issue of May 5, in the Plasterer, Sundries, section of Materials' Prices, the prices per yard super for ½-in. Insulating Plasterboard were given incorrectly. These should have been: 75-149 yd., 3s. 4d.; 150-299 yd., 3s. 2d.; 300-599 yd., 3s. 1d.; over 600 yd., 2s. 11d.

On page 631 of our issue of May 12, under the heading "Prefabs: Two-storey house built in eight hours," we stated that at a recent demonstration "Robert G. Tarran & Son Ltd. showed how 14 men could erect one of their two-storey factorymade houses in eight hours": this should have read "a pair of two-storey factorymade houses."



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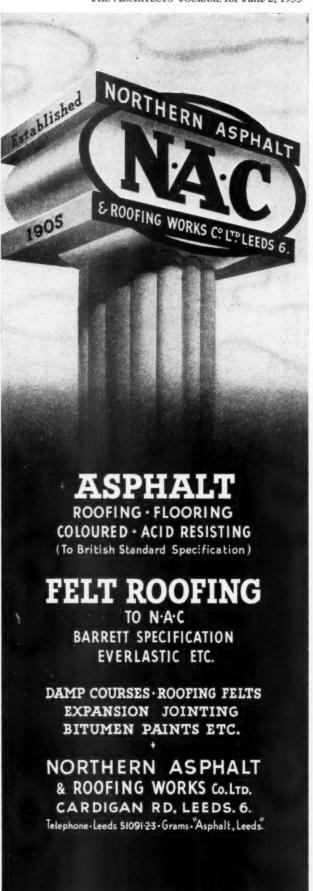
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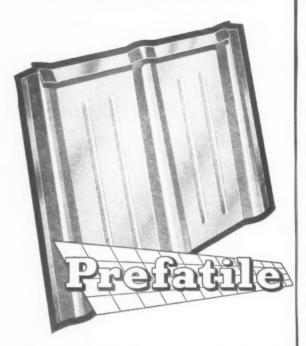


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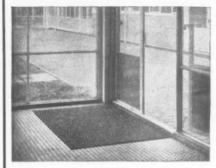
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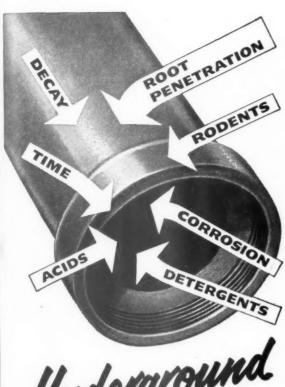
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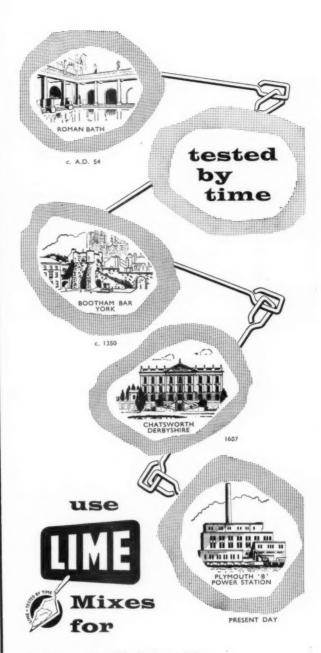


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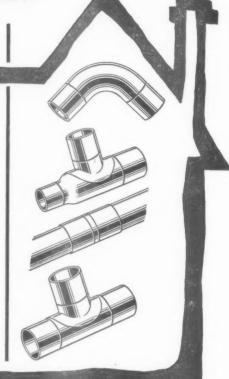
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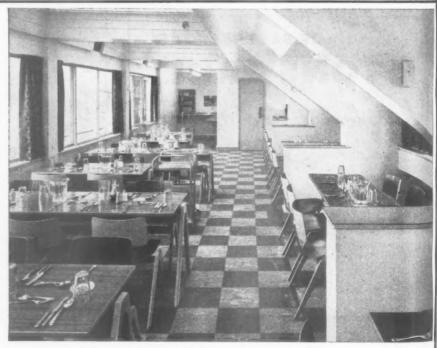
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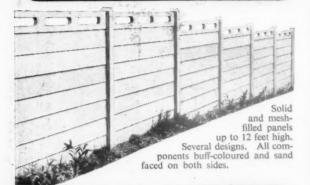
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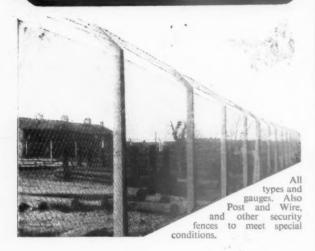
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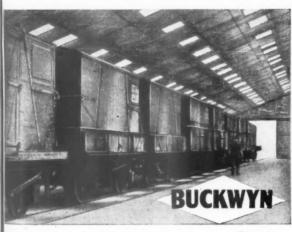
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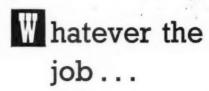
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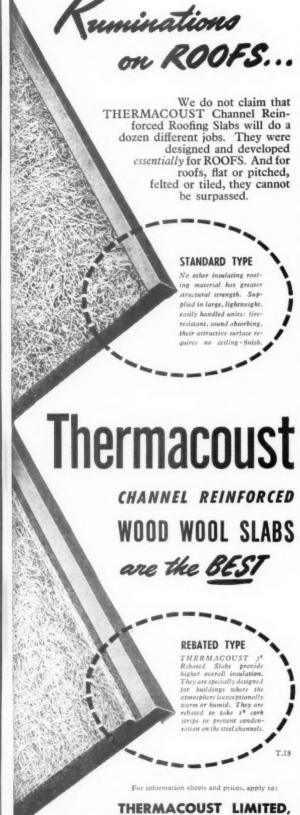
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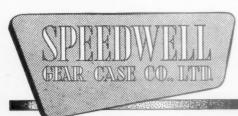
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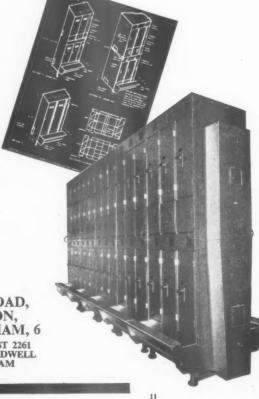
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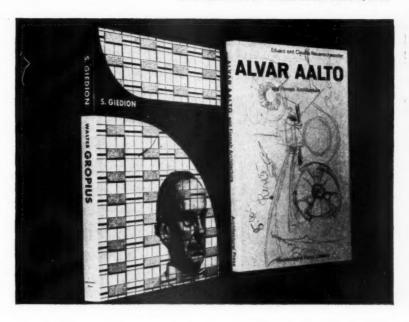
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(b) SENIOR ARCHITECTURAL ASSISTANTS. Salary within Special Scale (£650-£775).

(c) ASSISTANT QUANTITY SURVEYORS. Salary within Grade A.P.T., IV (£675-£825).

(d) SENIOR QUANTITY SURVEYING ASSISTANTS. Salary within Special Scale (£650-£775).

Applicants for posts (a) should be Members of the R.I.B.A. for (b) have passed Parts I and II of the R.I.B.A. Final or Special Final Examination or their equivalent at a recognised School of Architecture, and for (c) and (d) have passed the Final Examination of the R.I.C.S. Commencing salaries will be fixed according to experience.

Application forms and further details from the Borough Architect, Grange House, Stockton Road, Sunderland (state for which appointment it is desired to apply). Closing date for receipt of completed applications: 17th June. 1955.

Canvassing, either directly or indirectly, will disqualify.

G, S. McINTIRE.

G. S. McINTIRE.

Town Hall, Sunderland. 20th May, 1955.

CITY OF PETERBOROUGH.
CITY ENGINEER & SURVEYOR'S DEPARTMENT.
Applications are invited for the appointment of a SkN1OR ARCHITECTURAL ASSISTANT on the staff of the City Engineer & Surveyor, at a salary within Grade III A.P.T. (£625 per annum rising by annual increments to £725).
Applicants must be qualified architects, experienced in school building and capable of carrying out sketch designs, working and detail drawings and site control, with the minimum of supervision.

vision.

In a suitable case, the Council will, if desired, provide housing accommodation.

Applications, stating age, qualifications and experience, and giving the names of two persons to whom reference may be made, must be delivered to the City Engmeer, Town Hall, Peterborough, not later than 9th June, 1985.

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

C. PETER CLARKE, Town Clerk. Town Hall.

Town Hall,
Peterborough.

May, 1955

CANNOCK URBAN DISTRICT COUNCIL.

(Population: 41,230 (est.).)

Applications are invited for the following appointments in the Architect's Department:—
(a) SENIOR QUALIFIED QUANTITY SURVEYOR, within Grades A.P.T., V (4750—4990) or A.P.T., VI (4825—41,000), according to qualifications and experience.

(b) ASSISTANT QUANTITY SURVEYOR, within Grades A.P.T., I (£500—£580) or A.P.T., II (£550—£640), according to qualifications and experience.

experience.
HOUSING ACCOMMODATION AVAILABLE

HOUSING ACCOMMODATION AVAILABLE to married candidates.
Further particulars and forms of application are available from the undersigned.
Closing date: 28th June, 1955.
W. C. SPEEDY, Clerk of the Council.
Council House, The Green, Cannock, Staffs.
25th May, 1955.
BARNET URBAN DISTRICT COUNCIL.
ARCHITECTURAL ASSISTANT.
Applications are invited for the above appointment in the Engineer and Surveyor's Department (Grade A.P.T., 11, 2560 to £640 p.a., plus London weighting).
Applicants should have passed R.I.B.A. Inter-

weighting).

Applicants should have passed R.I.B.A. Intermediate Examination, have had 3 years' practical experience, and be able to prepare working drawings for Housing Schemes.

Appointment subject to N.J.C. conditions, superanuation and medical examination.

Housing accommodation will be provided, in necessary, when available.

Applications, with full details, should be submitted to the Engineer and Surveyor, Ravenscroft House, Wood Street, Barnet, Herts., by the 22nd June. 1955.

House, Wood Street, Barnet, Herts., by the 22nd June, 1955.

ALFRED S. MAYS,
Clerk of the Council.
24th May, 1955.

LONDON COUNTY COUNCIL.
ARCHITECT'S DEPARTMENT.
Vacancy for ARCHITECT, Grade II (salary 1982 10s. to £1,071), to assist in leading a section engaged on part of a programme which includes fire stations, homes for the aged, a power station, and other industrial buildings.
Qualifications: A.R.I.B.A. or equivalent. Good designer, with experience in controlling staff and running large scale building contracts. Details and application form, returnable by 16th June, from Architect (AR/EK/G/1), The County Hall, S.E.I. (793)

from Architect (AR/EK (g/l), The County Hall, S.B.I. (793)

MIDDLESEX COUNTY COUNCIL—COUNTY ARCHITECTS DEPT.

(a) ASSISTANT ARCHITECTS, Grade IV, 6675–6825 p.a., plus London weighting.
(b) ASSISTANT ARCHITECTS, Grade III, 6600–6725 p.a., plus London weighting.
(c) ARCHITECTURAL ASSISTANTS, Grade I 6500–6580 p.a., plus London weighting.
(d) JUNIOR ARCHITECTURAL ASSISTANTS (male), salary £200 at 16, £285 at 20, etc.

Established and pensionable, subject to medical assessment and prescribed conditions. Posts (a)—(c) appointments to grade minimum. Experience in preparation and supervision of schemes for improvements and afteration works required for appointments (a) and (b). Application forms from County Architect, 1, Queen Anne's Gate Buildings, Dartmouth Street, S.W.I., returnable by 12th June (quote Q.565 AJ).

Canvassing disqualifies.

1177

BRISTOL EDUCATION COMMITTEE.

Canvassing disqualifies.

THE COLLEGE OF TECHNOLOGY, BRISTOL.
Principal: G. H. Moore, M.Sc., F.P.S., F.R.I.C.
Applications invited for ASSISTANT (Grade B)
in Department of Building to teach Building Construction, Constructional Drawing, Surveying,
Quantities I and II in General Building and Professional Courses.

Burnham Technical Scale
(KS25×425 to 4290), plus allowances for suitable
professional qualification and training where
applicable. Further particulars and application
form by sending S.A.E. to Registrar, College of
Technology, Unity Street, Bristol, I.

G. H. SYLVESTER.

Chief Education Officer.
1208

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HAMPSHIRE COUNTY COUNCIL.

Applications are invited for the following appointments in the County Planning Department Headquarters Office at Winchester:—

(a) One A.P.T., Grade II (£560—£640). Candidates should have had an Architectural training at least to Intermediate standard, be experienced and capable designers, and have some knowledge of Town Plannings.

(b) One A.P.T., Grade II (£560—£640). Candidates should have had a professional training and good experience in highway engineering and be capable surveyors.

The appointments are pensionable, and will be subject to satisfactory medical reports. Officers using their own cars when travelling on County Council duties will receive travelling allowances on the N.J.C. Scale. In approved cases the County Council are prepared to assist in meeting removal and other expenses.

No form of application is issued, but applications, stating age, qualifications and experience, together with a copy of one testimonial and the names of two referees, should be sent to the County Planning Officer, Litton Lodge, Clifton Road, Winchester, by the 10th June.

BOROUGH OF BACUP.

ARCHITECTURAL DRAUGHTSMAN.

Applications are invited for the above appointment in the Borough Engineer's Department. Salary: A.P.T. Division, Grade II (£560—£640).

Conditions of appointment and application form (closing data 15th Lune 1925) ebisiushle from

ment in the Borough Engineer's Department. Salary: A.P.T. Division, Grade II (£560-£640). HOUSING ACCOMMODATION will be provided if required.
Conditions of appointment and application form (closing date, 15th June, 1955) obtainable from Town Clerk, Bacup. 1227
NORTHWICH URBAN DISTRICT COUNCIL. ARCHITECTURAL ASSISTANT.
Applications are invited for the appointment of Architectural Assistant, at a salary in accordance with Grade II of the A.P.T. Division of the National Scales (commencing at £560 per annum and rising to £640).

The appointment will be subject to the Scheme of Conditions of Service, the Local Government Superannuation Acts, to a month's notice on either side, and to the successful applicant passing satisfactorily a medical examination.
Applications, giving details of age, qualifications and addresses of two referees, should be received by the undersigned by 0 a.m. on Monday, 20th June, 1955.
Canvassing will disqualify, and applicants must disclose in writing whether they are related to any member or senior officer of the Northwich Urban District Council.
HAROLD GRANTHAM,
Clerk of the Council.
APPOINTMENT OF TEMPORARY ASSISTANT
ARCHITECT.
Applications are invited for the above temporary appointment in the Borough Engineer and Surveyor's Department at a salary in accordance with Grade A.P.T. IV (£675-£285 per annum plus London weighting), commencing salary dependant on qualifications and experience.
Applications, stating age, experience and qualifications, scompanied by two recent testimonials, should reach the undersigned by not later than Monday, 13th June.

W. F. J. CHURCH, Town Hall,

W. F. J. CHURCH, Town Clerk.

W. F. J. CHURCH,
Town Clerk.

Town Clerk.

Town Clerk.

May, 1955.

HERTS. COUNTY PLANNING
DEPARTMENT.
DESIGN AND NEW TOWNS SECTION.

(a) PLANNING ARCHITECT (A.P.T. IV,
675-8285).

Considerable architectural experience in design
for Urban and Rural areas, and preferably some
Planning training. Position is third in Section.

Rolder will be required to prepare detailed
Planning proposals and to vet applications from
the design point of view. Must be Corporate
Member of R.I.B.A. and preferably T.P.I. Permanent post, with car allowance.

(b) ARCHITECTURAL ASSISTANT (PLANNING) (2650-2775).

Must have passed R.I.B.A. Final or equivalent,

OF ARCHITECTURAL ASSISTANT (PLAN-NING) (£650-£775).

Must have passed R.I.B.A. Final or equivalent, and had at least one year's Architectural or Planming experience. Will be required to prepare and work up schemes, designs, etc. Permanent post.

and work up schemes, designs, etc. 121.

(c) DRAUGHTSMAN (A.P.T., I, £500—£580).

Must have had at least 5 years' experience as a Planning or Architectural draughtsman, or be experienced in similar work. Skilled in colouring and freehand lettering. Will work under Senior Art Draughtsman. Permanent post.

Forms of application for (a), (b) and (c) from the County Planning Officer, County Hall, Hertford, Closing date for applications: 25th June, 1955.

June, 1955.

HERTFORDSHIRE COUNTY COUNCIL.
COUNTY ARCHITECT'S DEPARTMENT.
Applications are invited for the appointment of
ASSISTANT ARCHITECTS within a salary range
of £650-£775 per annum, the commencing salary
to be fixed according to qualifications and experience.
Previous Local Government experience not
essential.

Applications, with names of two referees, to County Architect, County Hall, Hertford, Herts., not later than first post, 11th June, 1955.

COUNTY BOROUGH OF EASTBOURNE, BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT. Applications are invited for the following

DEPARTMENT.

Applications are invited for the following appointments:—

ARCHITECTURAL ASSISTANT. Grade A.P.T., I (£500×£20—£580 p.a.).

ASSISTANT ARCHITECT. Grade A.P.T., II (£500×£20—£580 p.a.).

ASSISTANT ARCHITECT. Special Grade (£550×£25—£757 p.a.).

ASSISTANT ARCHITECT. Grade A.P.T., IV (£675×£30—£325 p.a.).

Applications, giving full particulars of age, qualifications, experience, present position and salary, together with the names of two referees, to be sent to the undersigned by noon on Monday, the 13th June, 1955.

Borough Engineer and Surveyor.

Z/4, Saffrons Road, Eastbourne.

NEWBURN URBAN DISTRICT COUNCIL.

SURVEYOR AND ARCHITECT'S

DEPARTMENT.

Applications are invited from suitably trained and experienced persons for the appointments of (a) TECHNICAL ASSISTANT.

(b) ARCHITECTURAL ASSISTANT.

Grade A.P.T., II (£560—£640).

Commencing salary will be in accordance with qualifications and experience.

Preference will be given to candidates who have passed the Intermediate Examination.

The appointments will be subject to the National Conditions of Service; the Local Government Superannuation Acts; one month's notice, and to passing a medical examination.

Housing accommodation will be provided if required.

Applications, giving full particulars, with the names of two referees.

Housing accommodation required.

Applications, giving full particulars, with the names of two referees, suitably endorsed, should be received by 14th June, 1955.

THOMAS SHAW.

Clerk of the Council.

Council Offices, Newburn,
Newcastle-upon-Tyne, 5.
21st May, 1955.

LONDON COUNTY COUNCIL.
ARCHITECT'S DEPARTMENT.
Vacancies for ENGINEERS, Grade III, in
Housing Engineer's Division (salary £701 5s. to
£892 10s., according to experience). Applicants,
who should be neat and expeditious draughtsmen
should have had considerable experience in surveying and setting out for roads and sewers on
large housing sites and/or the supervising, checking details, preparing record drawings and
keeping records generally of road and sewer work
on housing sites.
Application form, returnable by 10th June, from
Architect (AR/EK/CE/4), The County Hall, S.E.1.
(765)
BOROUGH OF RAWTENSTALL.

Architect (AR/EK/CE/4), The County Hall, S.E.I. (765) 1153

BOROUGH OF RAWTENSTALL.

APPOINTMENT OF SENIOR ARCHITECTURAL ASSISTANT.

Applications are invited from suitably qualified persons for the above-mentioned appointment at the maximum of the National Scale of Salaries for Special Classes of Officers (£775 per annum). The appointment is on the Council's permanent staff and is subject to the Local Government Superannuation Acts, 1937-53, the passing of a medical examination, and to termination by one month's notice on either side.

Housing accommodation will be provided for the successful candidate, if married, and reasonable removal expenses paid.

Applications, stating age, qualifications, present and previous appointments, and giving full details of experience, together with names and addresses of two referees, should be delivered to the undersigned not later than Monday, the 13th June, 1955.

J. W. BLOMELEY.

June, 1955.

J. W. BLOMELEY,
Town Hall, Rawtenstall, Rossendale, Lancs. 1200
SOUTHAMPTON C.B.C. requires under N.J.C.
conditions of service:
(a) ASSISTANT ARCHITECT. Special Scale,
(b) ADCHUMPCONT.

2650—2765.

(b) ARCHITECTURAL ASSISTANT. Grade A.P.T. II, £560—640.

A.P.T. III, £560—6640.

Applicants must possess the appropriate qualifications and experience for Special Classes of Officers under N.J.C. conditions of service, and have had experience in Municipal housing estate development and administration of contracts.

If housing accommodation is required state requirements

development and administration of contracts.

If housing accommodation is required state requirements.

Apply, with copies of two testimonials, to the Borough Engineer, Civic Centre, Southampton, by Monday, 13th June, 1955.

BOROUGH OF EDMONTON.

APPOINTMENTS—BOROUGH ARCHITECT'S

(a) JUNIOR ARCHITECTURAL ASSISTANT (Established), A.P.T., 1, £500×£20—£580. Candidates must be studying for professional qualifications, and preferably should have passed Intermediate R.I.B.A.

(b) QUANTITY SURVEYING ASSISTANT (Established), A.P.T., II, £560×£20—£640. Candidates should have passed the Intermediate R.I.C.S.

London weighting £10—£30, according to age, is payable in addition to the salaries set out above. Applications on forms from the Town Clerk, Town Hall, Edmonton, must be delivered by 10th June.

NATIONAL COAL BOARD—EAST MIDLANDS DIVISION.

ARCHITECT'S DEPARTMENT, MILTON STREET, NOTTINGHAM.

Applications are invited for the following permanent and superannuated appointments. Superannuation rights under Local Authority Schemes are transferable.

S.V. 412, ARCHITECT, Grade I. Salary £900× £35—£1,200.

Candidates must be Corporate Mambare of the

are transferable.

S.V. 412, ARCHITECT, Grade I. Salary £900×
£35-£1,200.

Candidates must be Corporate Members of the
R.I.B.A. and have had considerable experience in
the design and construction of all types of buildings, preferably in the industrial field. Experience in the supervision and administration of
large contracts and control of staff is essential.

S.V. 415, ARCHITECTUS, Grade II. Salary
£600×£25-£650×£30-£900.

Candidates should be Corporate Members of the
R.I.B.A.

S.V. 414, ARCHITECTURAL ASSISTANTS,
Grade I. Salary £525×£25-£650
(exceptionally
to £300).

Candidates should be of R.I.B.A. Intermediate
standard and have had not less than 3 years
subsequent practical experience.

S.V. 415, ARCHITECTURAL ASSISTANTS,
Grade II. Salary 4404×£20-£540.

Candidates should have passed or be studying
for the Intermediate Examination of the R.I.B.A.

Facilities are granted in certain circumstances
to Assistants for part-time study at the
Nottingham School of Architecture.

The grade and point of entry into the above
salary scales will depend on the qualifications and
experience of the applicant.

Applications, stating age, education, qualifications, present appointment and salary, should be
submitted within 14 days of publication to:—

THE SECRETARY,
National Coal Board,
East Midlands Division,
Sherwood Lodge, Arnold, Nots.

Envelopes and applications should be marked
with the appropriate "S.V." reference number.

Original testimonials should not be sent. 1244

STEVENAGE DEVELOPMENT

CORPORATION.

STEVENAGE DEVELOPMENT
CORPORATION
CHIEF ARCHITECT'S DEPARTMENT
APPlications are invited for post as JUNIOR
ARCHITECT on N.J.C. Salary scale, A.P.T.,
IV (£575×£50—£25) per annum), commencing
salary according to experience.
Candidates should have completed a course at a recognised School of Architecture or have passed
the Final Examination of the R.I.B.A.
Housing accommodation will be available
eventually in an appropriate case.
Applications, giving details of experience and
names of two referees, should be sent to the
Chief Administrative Officer, Aston House, near
Stevenage, Herts., not later than Tuesday, 14th
June, 1955.

Stevenage, Herts., not later than Tuesday, 14th June, 1955.

NORTHUMBERLAND COUNTY COUNCIL. COUNTY PLANNING DEPARTMENT. Applications are invited for the appointment of a SENIOR ASSISTANT ARCHITECT/PLANNER at a salary in accordance with A.P.T. Grade V. of the National Joint Council Scales (£750—2900 p.a.). The actual commencing point will depend upon qualifications and experience. The successful candidate will be in charge of the Architectural Design Section of the department, and must have experience in dealing with re-development schemes, housing layouts, and architectural control. This appointment involves considerable responsibility, and provides a wide scope for an architect who is interested in the related architectural/planning problems of a County Planning Authority. The final qualification of the A.R.I.B.A. is an essential requirement, and possession of the A.M.T.P.I. qualification would be an advantage.

Applications, on forms obtainable from the undersigned, should be completed and returned not later than the 23rd June, 1955.

L. B. ROSS, A.R.I.C.S..

County Hall, Newcastle-upon-Tyne, 1. 1202

URBAN DISTRICT COUNCIL OF CORBY.
DEPARTMENT OF THE ENGINEER AND
SURVEYOR.
SENIOR QUANTITY SURVEYOR.
Applications are invited for the above appointment, at a salary in accordance with new Grade
A.P.T., V (£750-£900), commencing at £750 per

ment at a salary in accordance with new Grade A.P.T., V (£750—2900), commencing at £750 per annum.

Applicants must have passed the Final R.I.C.S. (Quantities Section) Examination, and be thoroughly experienced in the preparation of Bills of Quantities adjustment of variations and settlement of final accounts. Previous experience of substantial contracts for Local Authority housing is desirable.

The provisions of the Local Government Superannuation Acts, 1937-1955, will apply to this appointment.

Housing accommodation will be made available to the successful candidate (if married).

Forms of application may be obtained from the undersigned, to whom they should be returned not later than by the first post on Friday, the 17th June, 1955. Testimonials will be required only from applicants selected for interview.

G. B. BLACKALL.

Clerk of the Council.

Council Offices. Corby, Northants.

DERBY CORPORATION.
BOROUGH ARCHITECT'S DEPARTMENT.
SENIOR QUANTITY SURVEYOR, Grade IV.
Salary £675—£285 per annum.
Qualifications: A.R.I.C.S. (Quantities) or similar.

Qualifications: A.B.A.C.S. Quasimost similar.

Permanent staff appointment, subject to one month's notice and pensionable subject to medical examination.

National Conditions of Service.

Form of application obtainable from and to be returned to the Borough Architect, The Council House, Derby, not later than 20th June, 1955.

Canvassing disqualifies.

G. H. EMLYN JONES,

Town Clerk.

26th May, 1955.

26th May, 1955.

GLAMORGAN COUNTY COUNCIL.

Applications are invited for SENIOR PLANNING ASSISTANTS at Headquarters, County
Hall, Cardiff, in accordance with Grade A.P.T.,
IV (salary £675 p.a. × £30—£825 p.a.).
IV (salary £675 p.a. × £30—£825 p.a.).
Town Planning Institute, and preference will be
given to those who hold a University Diploma in
Town Planning.
Applications, stating age, training, qualifications, experience and present salary, accompanied
by two testimonials, should be sent to the County
Planning Officer by the 11th June, 1955.

RICHARD JOHN,
Clerk of the County Council.

BOROUGH OF CHELTENHAM.

APPOINTMENT OF THREE ARCHITECTURAL ASSISTANTS.

Applications are invited for the following appointments on the Capital Works Establishment of the Borough Engineer's Department:—

(a) TWO ARCHITECTURAL ASSISTANTS (salaries within Grade A.P.T., IV—2575 to 2825 p.a.). Applicants must be Associate Members of the R.I.B.A. or equivalent, and experienced in the design of Public Buildings, Housing and Ancillary Buildings in connection with Estate Development.

(b) ONE ARCHITECTURAL ASSISTANT (salary within Special Grade, 2550 to 2775 p.a.). Applicants must have passed Parts I and II of the R.I.B.A. Final Examination or its equivalent, and must have had at least 5 years' experience, including the period spent in theoretical training. The Council will assist in providing housing accommodation for the successful applicants in appointments (a) above, if required.

The appointments are subject to the National Conditions of Service; to the Superannuation Acts; and to a medical examination; and will be terminable by one month's notice on either side. Applications, endorsed "Architectural Assistant," stating age, training, qualifications and experience; present and previous appointments; and giving the names of two referees, are to reach Mr. G. Gould Marsland, M.B.E., B.Sc., M.Inst.C.E., Borough Engineer, P.O. Box No. 12, Municipal Offices, Cheltenham, not later than Saturday, 18th June, 1955.

[LONDON ELECTRICITY BOARD

LONDON ELECTRICITY BOARD.
ENGINEERING DRAUGHTSMEN.
Vacancies exist for ENGINHERING
DRAUGHTSMEN as follows:—
NORTH EASTERN SUB-AREA. West Hage
District.
Candidates should have had a good general and
technical education, up to Ordinary National
Certificate standard. They should have had considerable experience in transformer chamber
layouts, mains records and system diagrams.
Knowledge of building construction would be an
advantage.

layouts, mains records and system diagrams. Knowledge of building construction would be an advantage.

8T. MARYLEBONE/ST. PANCRAS DISTRICT. Design & Planning Branch. (Ref. V/1967/A.)

HAMPSTEAD/WILLESDEN DISTRICT. Design & Planning Branch. (Ref. V/1972/A.)

Applicants should have had a good general and technical education in electrical engineering and building construction, and experience in a mains records office dealing with systems of all voltages up to 11 kV.

NORTHERN SUB-AREA, Design & Planning Branch. (Ref. V/1965/A.)

Applicants should preferably have had experience in mains recording with a public utility authority, preferably with an Electricity Board, and be able to obtain particulars on site and compile accurate permanent records. Some knowledge of electrical plant layout, building construction and simple reinforced concrete structures would be an additional advantage.

NORTH EASTERN SUB-AREA (Ref. V/1971/A.) Candidates should have had a good general and technical education and be experienced in one or more of the following subjects: engineering drawing; plant lay-out in substations; layouts and site plans of mains work; electrical diagrams.

The posts are graded under Schedule "D" of

outs and site plans of mains work; electrical disgrams.

The posts are graded under Schedule "D" of
the National Joint Board agreement as Grade 6
-2535 10s. to 2651 10s. per annum, inclusive of
London Allowance, and are superannusble.
Application forms for the aforementioned
vacancies obtainable from Personnel Officer, 46/7.
New Broad Street, London, E.C.2. to be returned
completed within 10 days of the publication date
of this advertisement. Please enclose addressed
envelope and quote appropriate reference of
vacancy preferred.

COUNTY BOROUGH OF BRIGHTON.
ASSISTANT ARCHITECTS.
Applications are invited for the following vacancies (non-established staff):—
(1) ASSISTANT ARCHITECTS, Grade A.P.T., IV (£675-£4255). £675—£825).
ASSISTANT ARCHITECTS, Special Grade

Applicants for the above appointments should applicants for the above appointments should ave passed the R.I.B.A. Final Examination or the Special Final Examination.

(3) ASSISTANT ARCHITECTS, Grade A.P.T.,

(3) ASSISTANT ARCHITECTS, Grade A.F.T.,
II (£560-£540).

Applicants for these posts should have passed the Intermediate Examination of the R.I.B.A.

All the above appointments are superannuable, and a medical examination is required. The appointments will be subject to the National Joint Council Scheme of Conditions of Service. Forms of application may be obtained from the Borough Engineer and Surveyor's Department, 26/30, Kings Road, Brighton, and should be returned to that office completed by Monday, 20th June, 1955.

W. O. DODD,

W. O. DODD, Town Clerk.

Architectural Appointments Vacant
4 lines or under, 7s. 6d.: each additional line, 2s.
The engagement of persons answering these
advertisements must be made through a Local
Office of the Ministry of Labour or a Scheduled
Employment Agency if the applicant is a menaged 18-64 inclusive or a woman aged 18-65
inclusive unless he or the or the employment is executed
from the provisions of the Notification of Vacancies Order, 1952.

A RUHITECT, OR EXPERIENCED ASSIBTANT REQUIRED BY "THE ABCHITECTS' JOURNAL." Ability to write fluently
and well, and a sound knowledge of construction
and contemporary building technique essential.
Will be expected to write reports on buildings
supervise the production of technical architectural
drawings, commission and sub-edit technical
articles and assist production. Please reply to
The Editor, "The Architects' Journal," 9, Queen
Amme's Gate, S.W.1.

A RCHITECTURAL ASSISTANT: Intermediate
approaching final. Commercial and industrial
work; large-scale contracts. Watson, Johnson,
Stokes. Victoria Square. Birmingham. 465

THE NUFFIELD FOUNDATION.

ACANCIES occur for ARCHITECTURAL
ASSISTANTS of both Final and Intermediate
shandard in the Nuffield Foundation's Division
for Architectural Studies, working on hospitals,
research laboratories and farm buildings. All
those interested should write in to the Director.
Salary by agreement. Box 9755.

PENNING for QUALIFIED ARCHITECTS as
Assistant Designers with an expanding firm
of new traditional builders. Must have good
general practical knowledge and a keen interest
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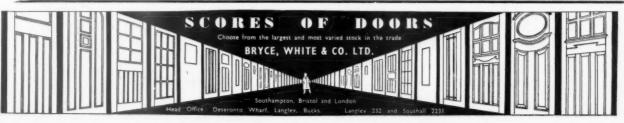
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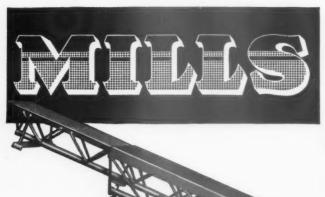


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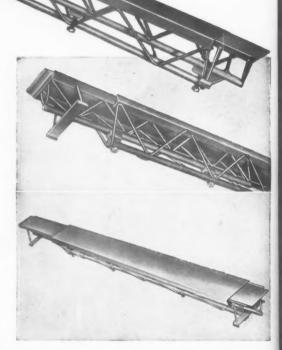
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