

The Architects' JOURNAL for June 4, 1953 Volume 117, No. 3040 Registered as a Newspaper

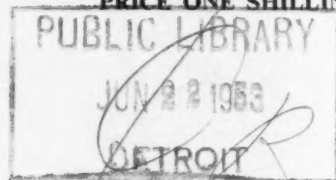
# THE ARCHITECTS' JOURNAL

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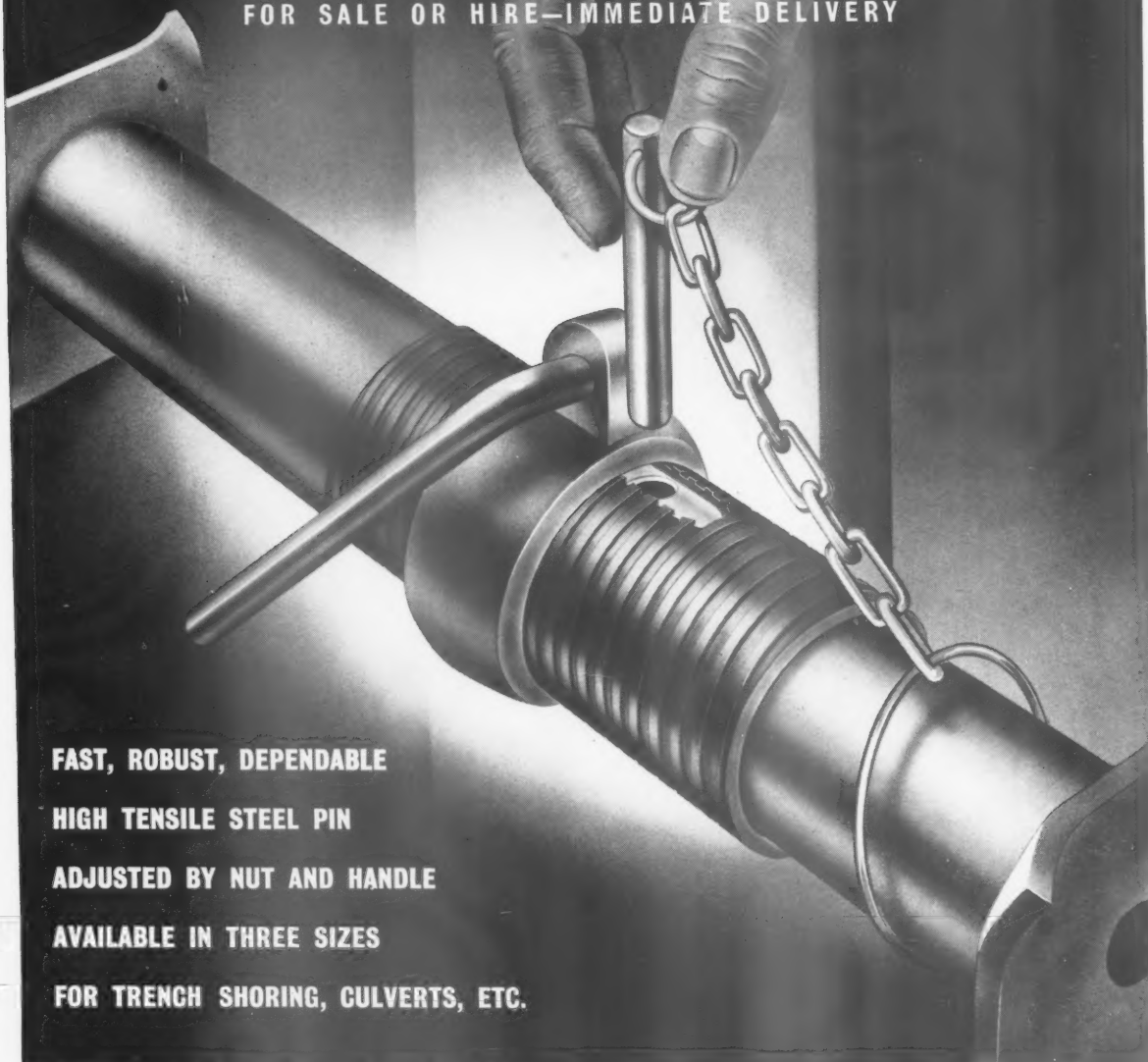
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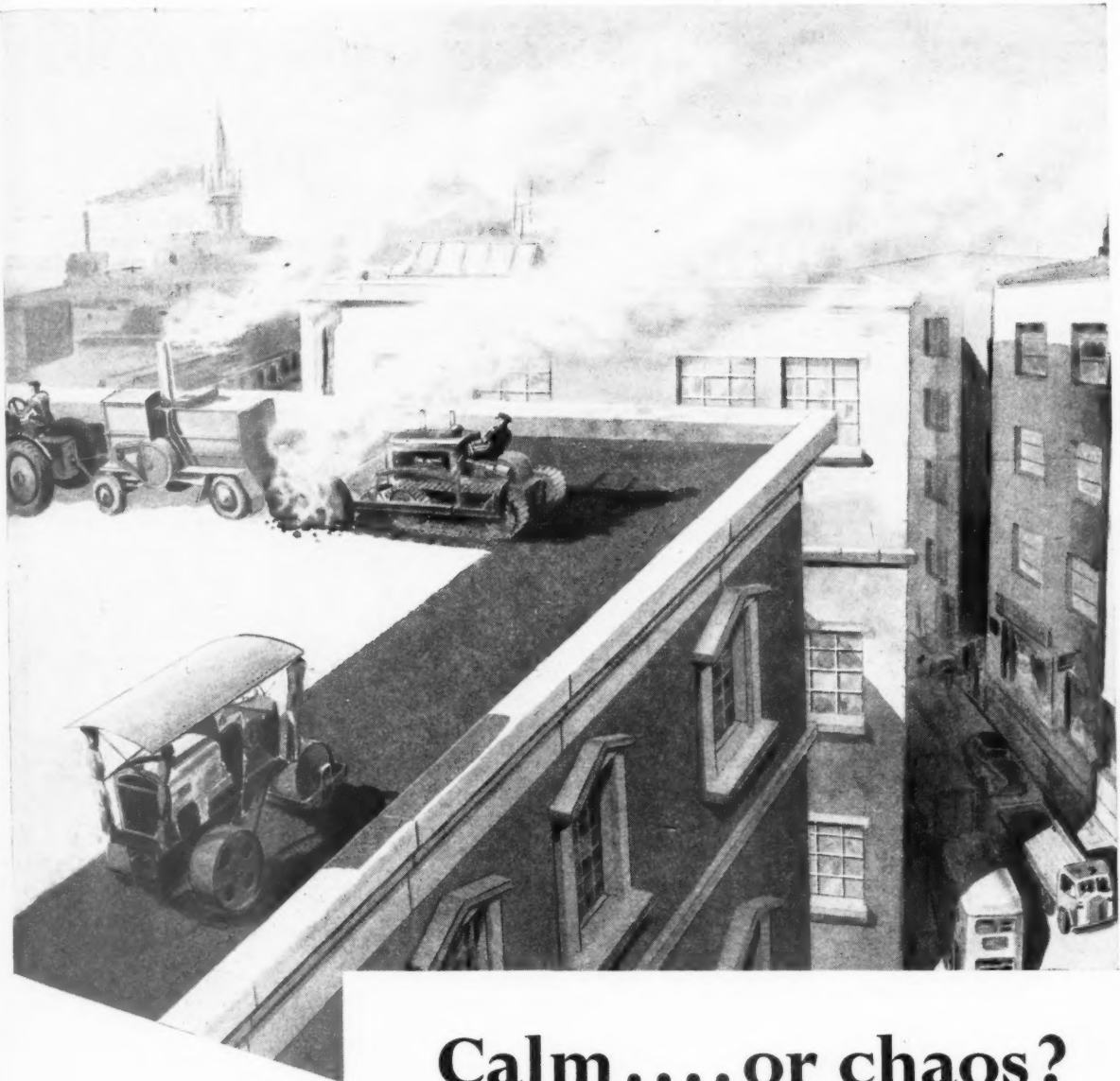
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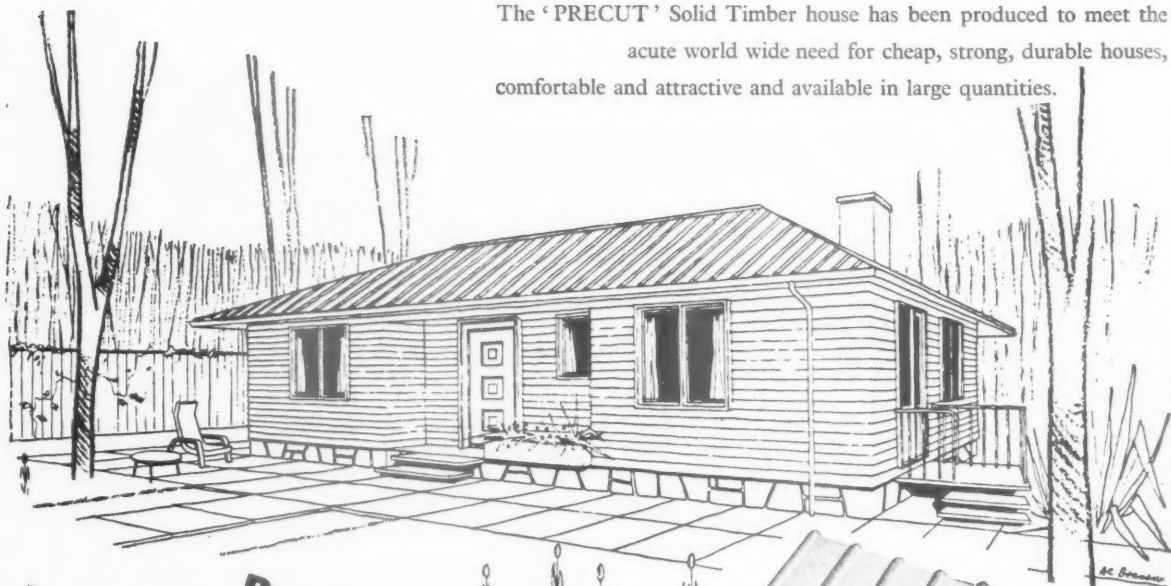
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SCP/774

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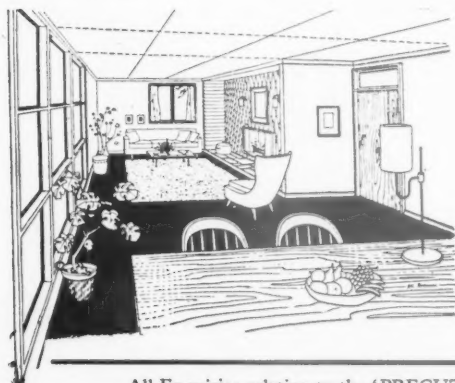


Roofed with  
**RIGIDAL MANSARD ALUMINIUM SHEETING**

The 'PRECUT' house is designed by FREDERICK CUBITT F.R.I.B.A. and follows the Scandinavian tradition of timber house building adapted to modern factory production. Exterior walls are of solid selected redwood 2½" thick and the roof is of Rigidal Mansard Aluminium sheeting. Illustrations show a three bedroom bungalow, but the 'PRECUT' construction is equally adaptable for larger or smaller houses and bungalows of one or two storeys. The insulation value of the 'PRECUT' house is about twice as good as that in houses having 11" cavity brick walls.

The timber used is pressure impregnated with chemical salts to make it rot-proof, termite-proof and fire-resistant.

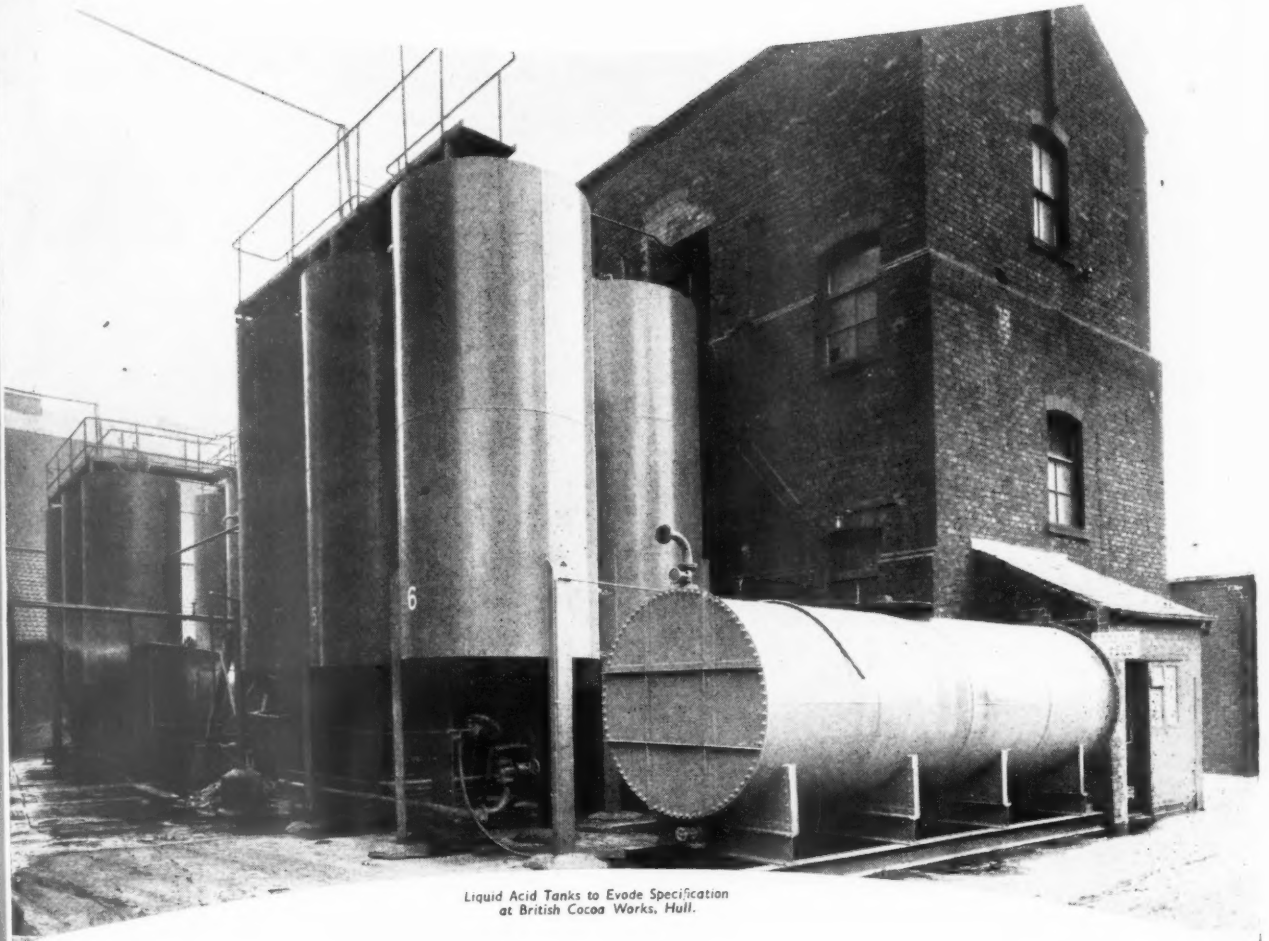
Completely modern in planning and detail, a charming appearance is one of the most attractive features of this house. A complete demonstration house is on view in Chelsea Square, London S.W.3.



## British Aluminium

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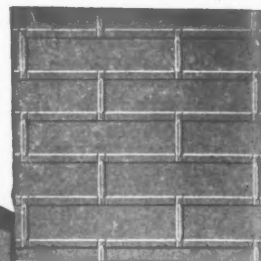
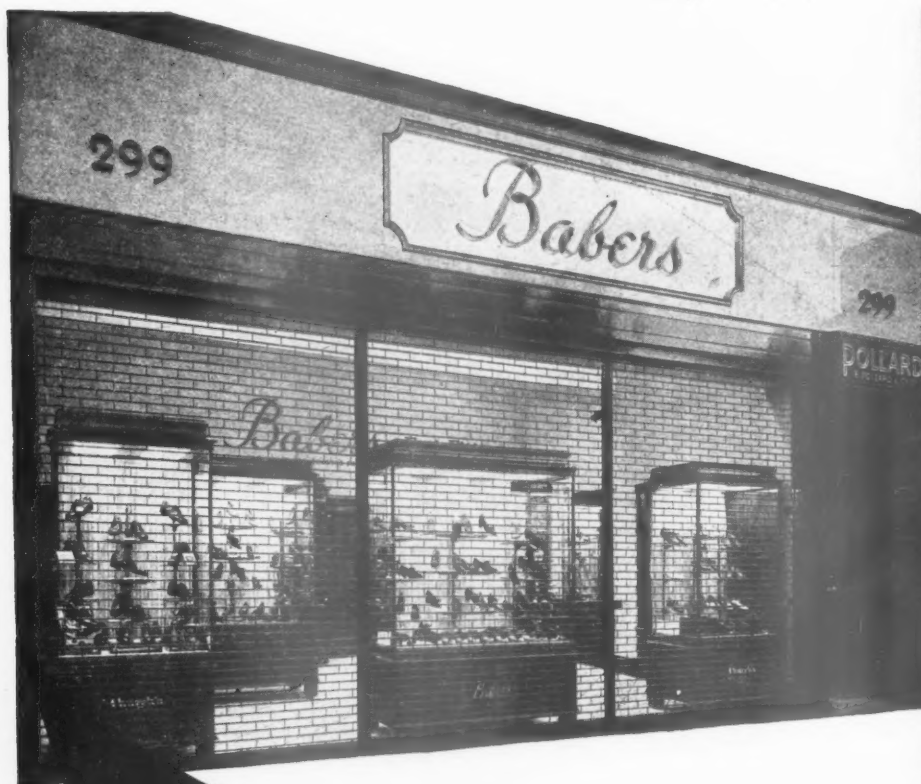
**EVO**

**PROTECTIVE** (*Chlorinated Rubber*) **PAINTS**

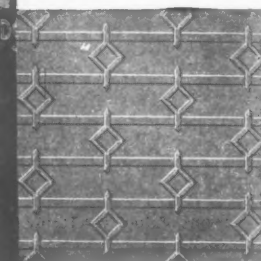
This notable advance in technique is the subject of new literature which architects are invited to request and file for reference. One outstanding feature is that the paint can safely be applied 24 hours after the use of the primer but more important is the fact that the two in conjunction form a bond that gives a more complete and prolonged anti-corrosive action.

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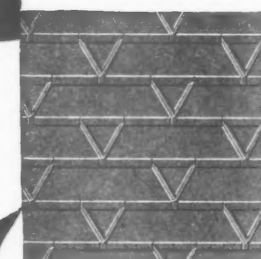
Telephone: 1590/1/2. Telegrams: **Evo**de, Stafford.



Brickbond Pattern



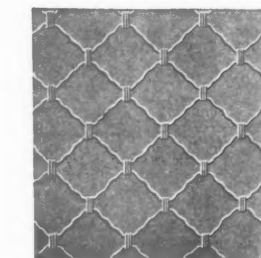
Diamond Pattern



'Vee' Pattern



Chevron Pattern



Continental Pattern

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**Rubbish I say! and I know because**

**I'm a craftsman of the old school, one of**

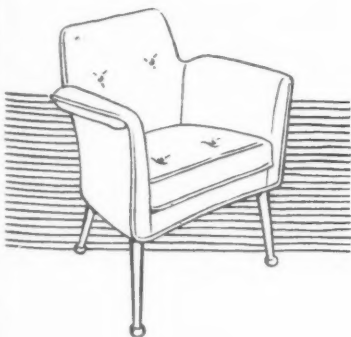
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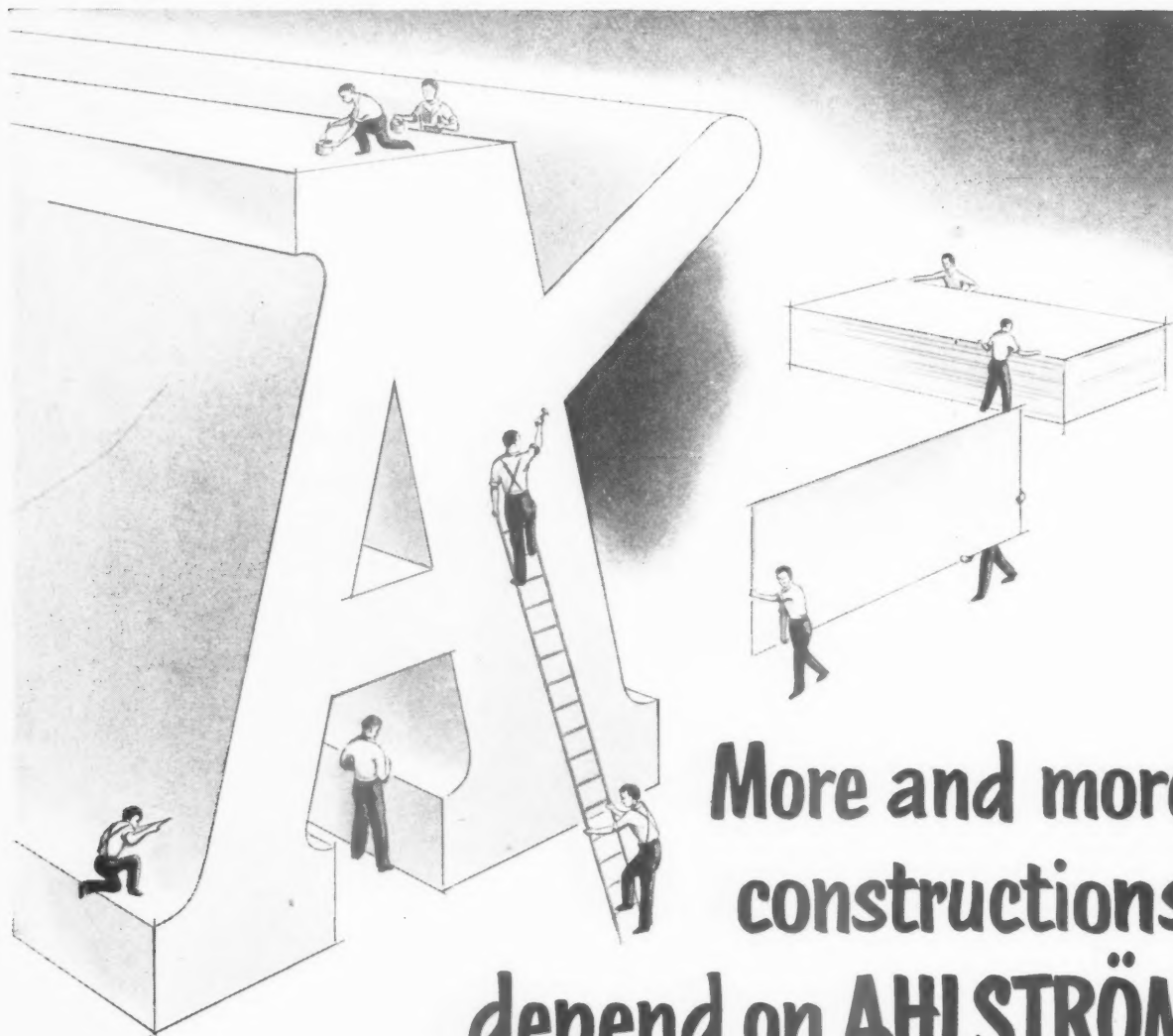
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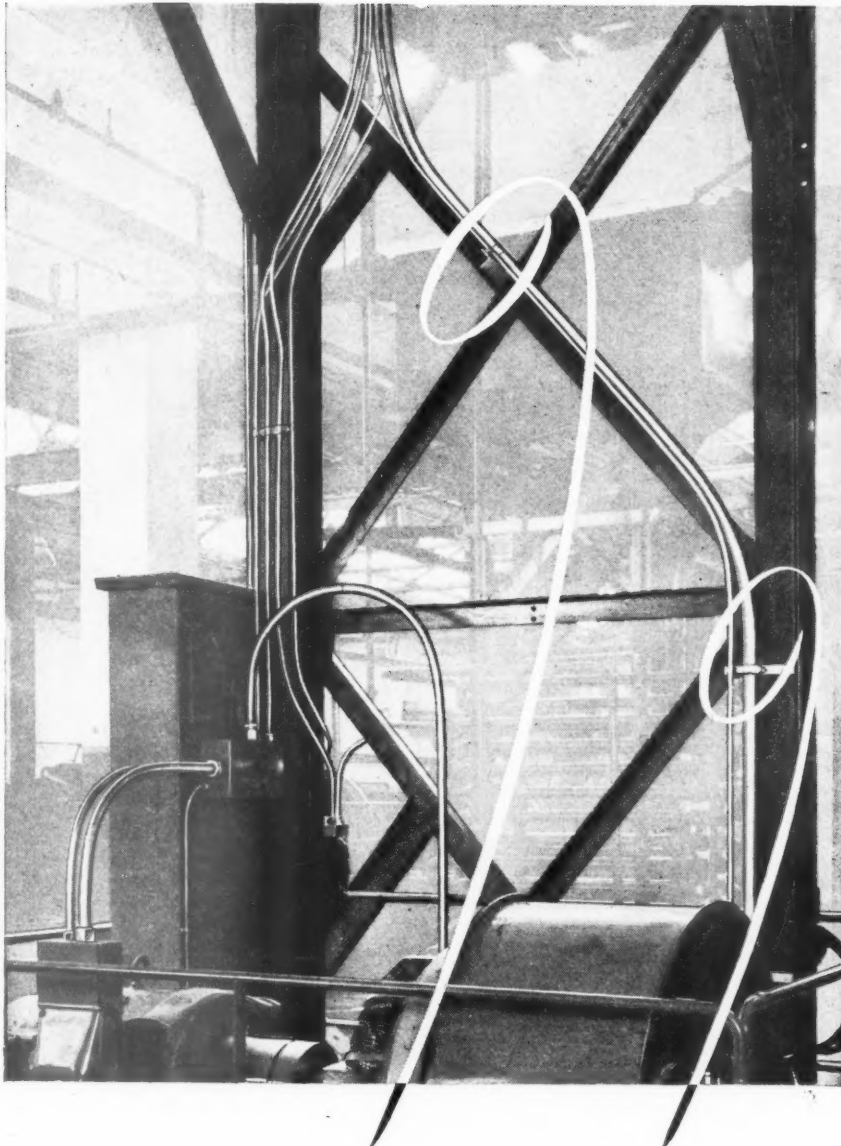
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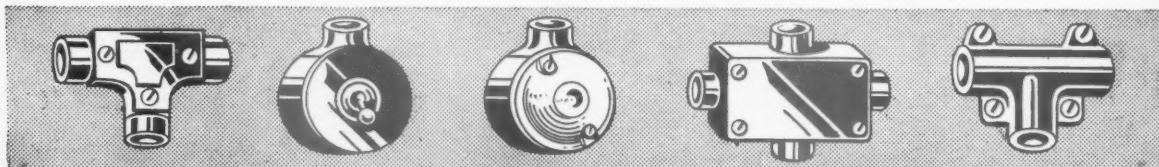
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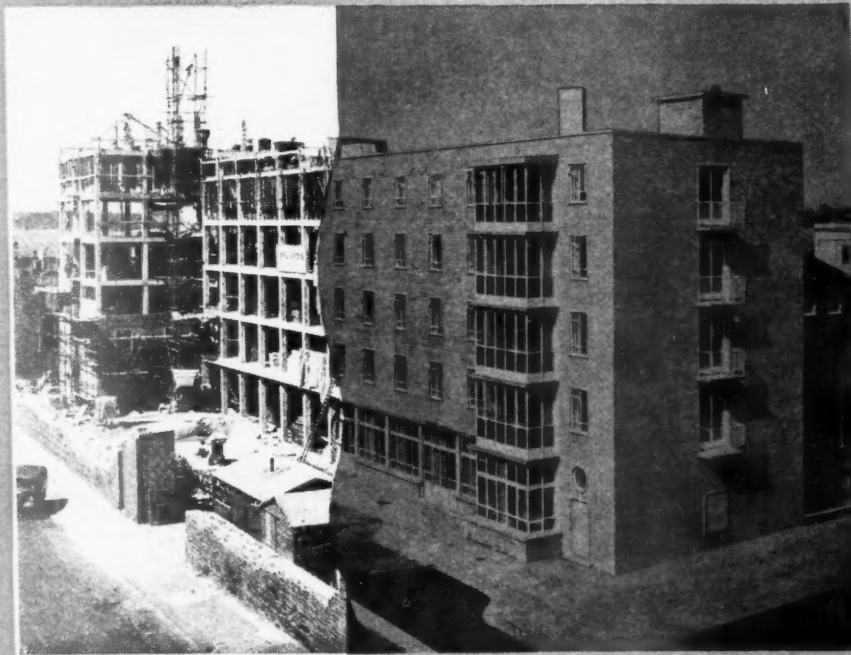
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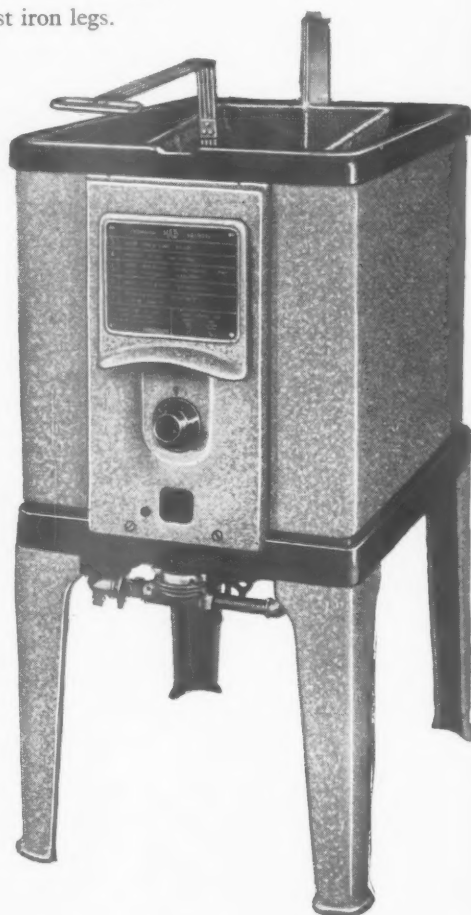
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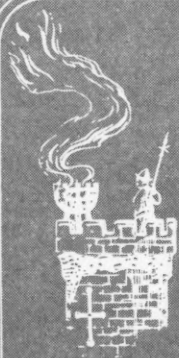




Ranges  
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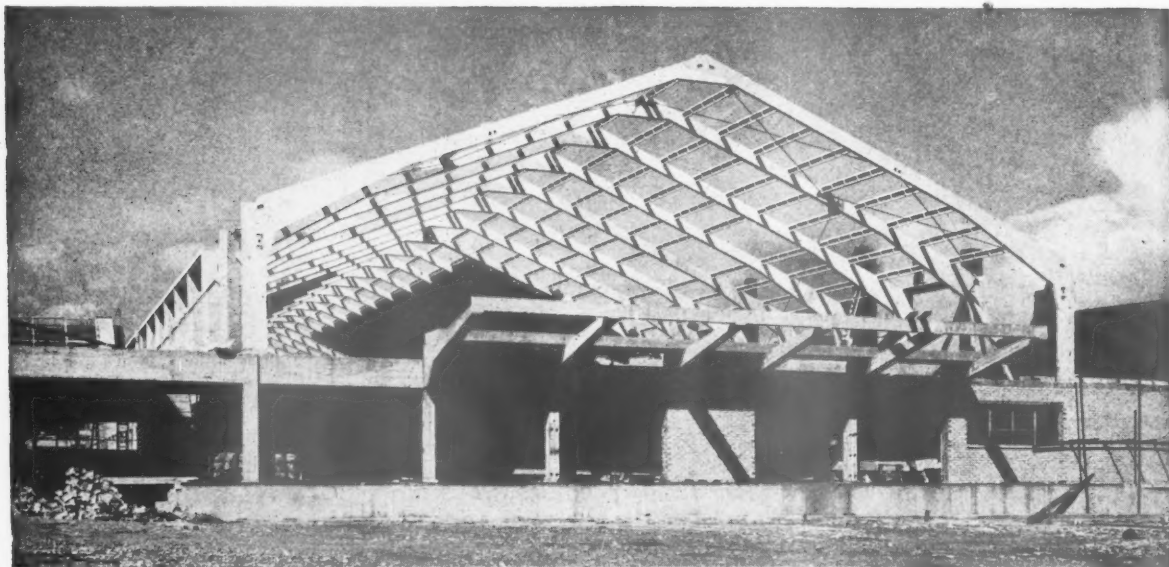
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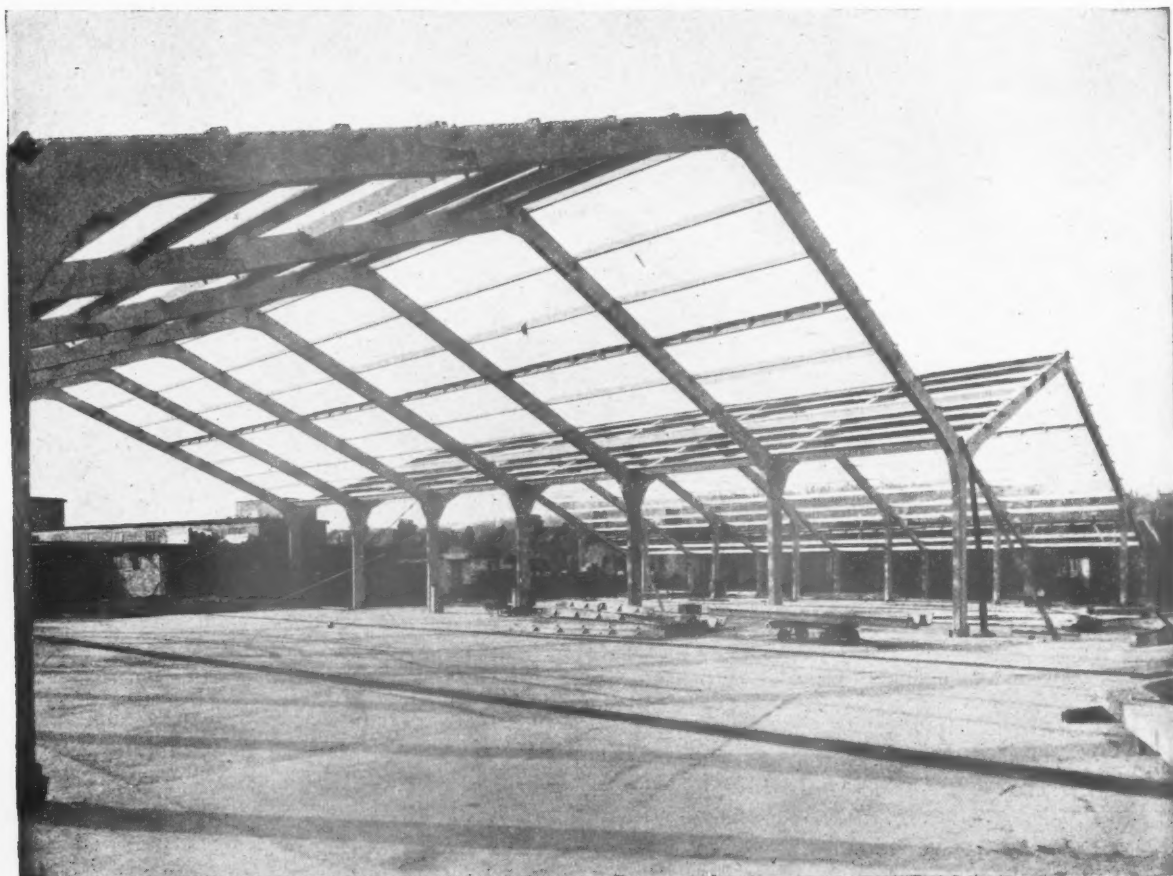
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A large puzzle made of several pieces, each showing a different view of industrial steelwork. The puzzle is arranged in a roughly rectangular shape, with some pieces missing, creating a jagged, puzzle-like border. The pieces show various angles of steel beams, girders, and structural frameworks, some with workers visible on them.

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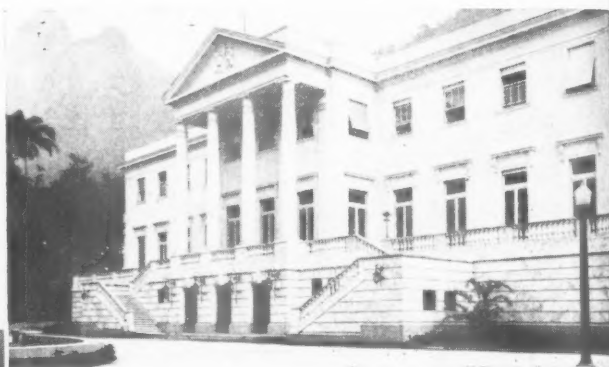
An H.H./M.H. Type 3 control fitted to a 16 ft. long top-hung window in the Canteen of the G.P.O. Stores at Brimsdown.  
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Architect: R. R. Prentice, in collaboration with the Ministry of Works.  
Arens gear supplied by Senlac Metal Casements, Ltd., of Battle, Sussex.  
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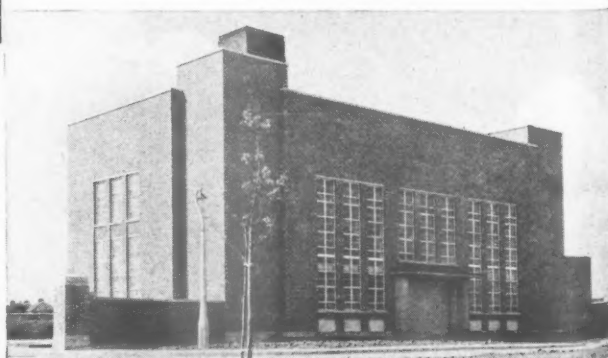
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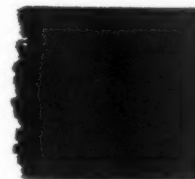
One of the new buildings of the Ministry of National Insurance, Newcastle-on-Tyne, which is fitted with Arens gear.

Architects: Ministry of Works.  
Arens controls supplied by the Rustproof Metal Window Company, Limited, of Chester.  
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SMOKED SALMON



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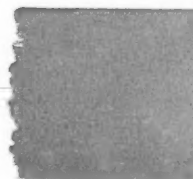
JADE GREEN



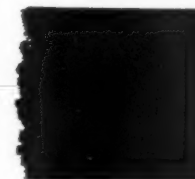
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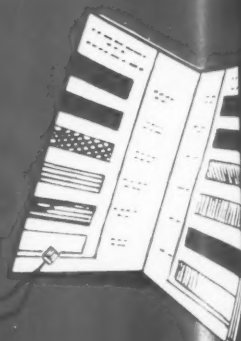
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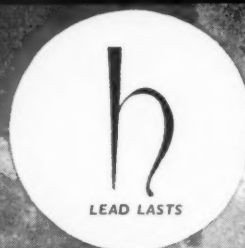
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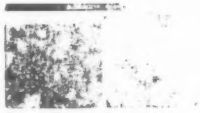
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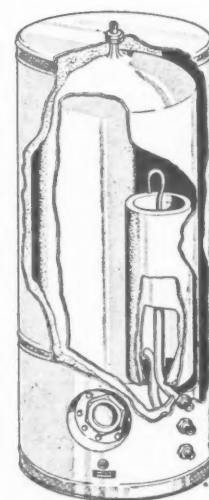
Yes—hot water can be stored for future use. The Aidas Insulated Storage Tank makes this possible. The boiler may go out, but efficient cork insulation keeps the water hot in the tank. A patent calorifier, self-filling and self-venting, restricts deposits of lime or scale in the boiler system. All these advantages are obtained without the need of an extra cold water tank or piping. Think of the saving in plumbing costs. Think of the saving in fuel. Then write us for full details.

In accordance with B.S.S. 1566/1949 Aidas Insulated Storage Tanks are fitted with a 2½ in. screwed connection for the accommodation of a combined immersion heater and thermostat. Each tank is a quality product, welded with copper, enclosed in a sheet steel cylinder and tested at 60 lb. per sq. inch pressure to ensure lasting efficient service.

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Write to: AIDAS ELECTRIC LTD., SADIA WORKS, ROWDELL ROAD, NORTHOLT, GREENFORD, MIDDLESEX.

Telephone: WAXLOW 1607

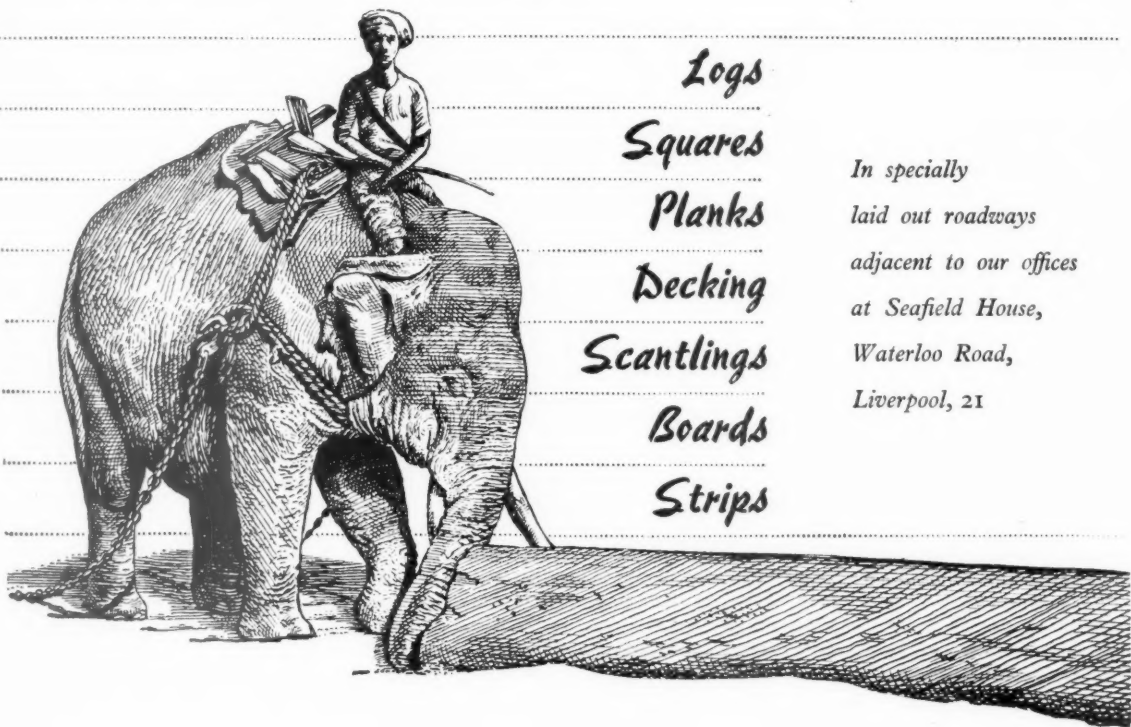


**AIDAS**  
Stored Hot Water

SCOTTISH AGENTS: W. Brown & Co. (Engineers) Ltd., 89 Douglas Street, Glasgow, C.2.  
MANUFACTURED IN SOUTH AFRICA by: Sadia Water Heaters (Pty) Ltd., 3-5 Newton St., Village Main, Johannesburg.

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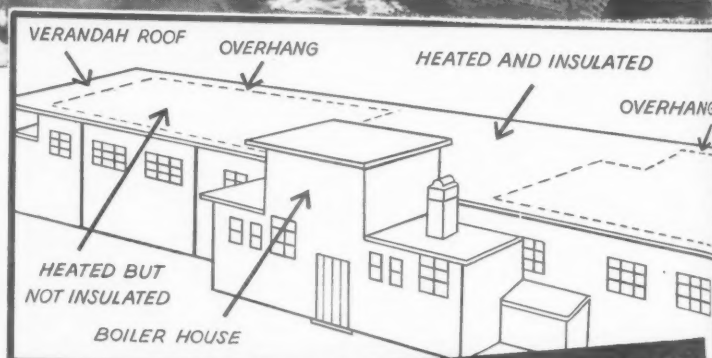
Belfast, Birmingham, Bristol, Cardiff, Glasgow, Hull, Liverpool, Manchester, Newcastle, Preston, Southampton

# Visual proof that METCO ROOF INSULATION pays



Dorking Urban District Council.  
H. V. Knight Esq., M.I. MUN. E., Engineer & Surveyor.

This photograph shows the roof of the centrally heated Public Library building at Pippbrook, Dorking. The area of unmelted snow corresponds with that section of the roof where "Metco"  $\frac{1}{2}$ " 'Veelap' insulating board is fixed on the ceiling. (See explanatory diagram.)



A STRIKING EXAMPLE OF THE EFFICIENCY AND VALUE OF THERMAL INSULATION



"Metco" Fibre building board roof linings minimise heat losses and achieve substantial fuel economies.

WHY NOT TAKE ADVANTAGE OF THE £1,000,000 OFFER FROM THE GOVERNMENT TO **INSULATE YOUR BUILDING?**

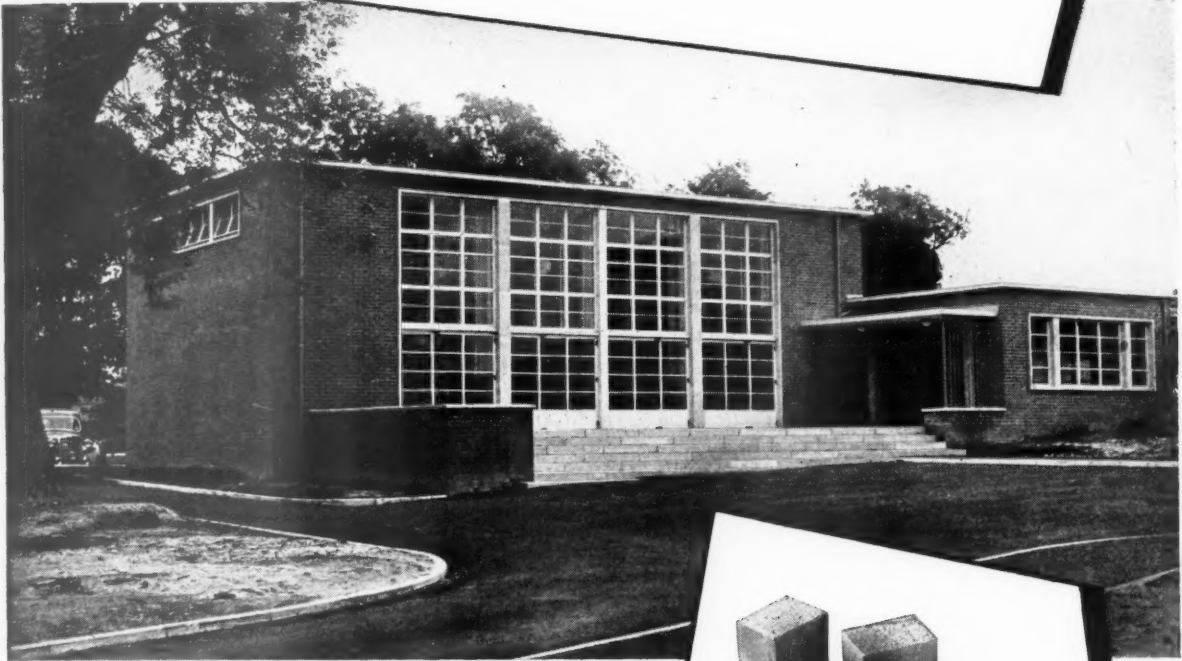
\* We shall be pleased to advise you on your problems

The **MERCHANT TRADING COMPANY** Limited.  
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Telegrams: "Themetraco, Estrand, London." Telephone: TEMple Bar 5303 (8 lines)



# Planned fuel economy !



*Ashford-Willesborough County Primary Secondary School for Kent Education Committee.*

*Architects : Jackson & Jackson, F/A/L.R.I.B.A., Ashford, in collaboration with S. H. Loweth, Esq., F.S.A., F.R.I.B.A., M.I.Struct.E., Kent County Architect, Maidstone.*

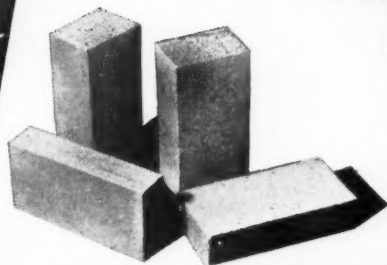
In flue-lining, insulation is greatly improved, heat is better retained and fuel is saved the Kimolo way. Kimolo Insulating Bricks are safely built-in with structural brickwork—thus dispensing with obsolete firebrick-and-cavity construction. Let us send you our Kimolo Technical Brochure giving full data.

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# TRUE FLUE

## TRIPLE UNIT TYPE 'A'

PATENT No. 567066 · REGD. DES. No. 843342

Comprising

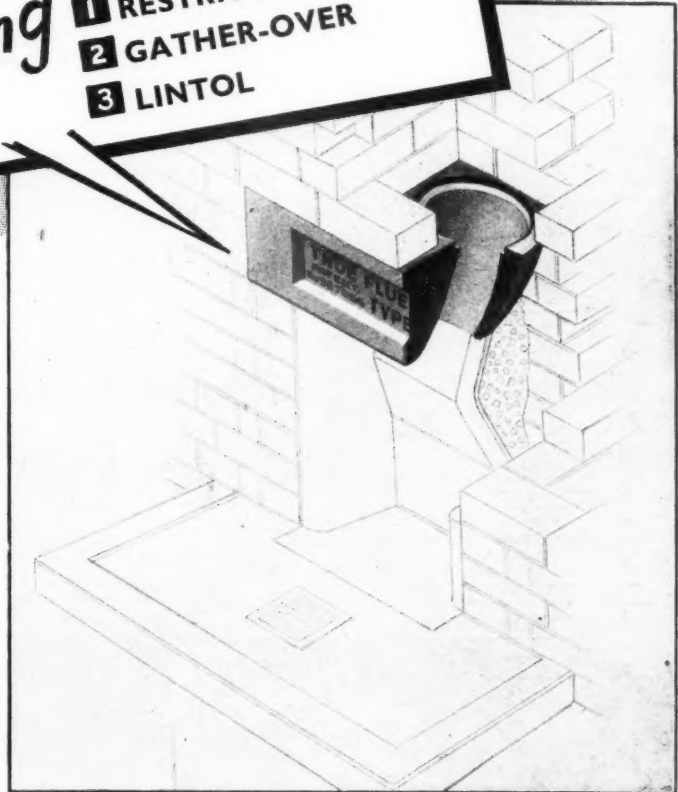
- 1 RESTRICTED THROAT
- 2 GATHER-OVER
- 3 LINTOL

This THREE-FOLD labour saving and efficient device is made of heat resisting refractory concrete and forms a stream-lined connection between the fire and the flue.

1 The Restricted Throat is scientifically designed to ensure maximum heat retention and economy in fuel.

2 This unit eliminates the labour involved in forming the Gather-Over in brick-work above the fireplace opening. When placed in position over the fire-back it forms a base for TRUE-FLUE circular rebated linings or for the 9in. x 9in. parged flue as shown.

3 The Lintol has a weir-shaped front and is of sufficient width to afford adequate seating on jambs with all normal fireplace openings. The face of the Lintol is recessed to provide an insulation space at the back of the fireplace surround.



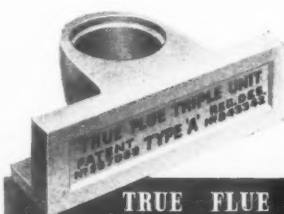
If a smoke shelf is favoured this may be obtained by using the TRUE-FLUE TRIPLE UNIT, Type "U". Special units are available to suit all types of heating appliances and fireplace surrounds.

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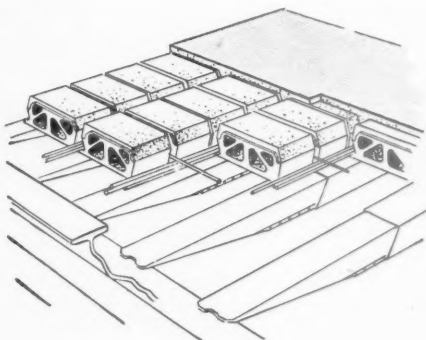
For maximum efficiency specify TRUE-FLUE circular rebated refractory flue linings; 60° and 45° easy bends are also available for immediate delivery.

**REMEMBER**—we are specialists in all matters relating to flues and can give you the benefit of nearly half a century's experience. We shall be pleased to design your stack in TRUE-FLUE construction (with or without convector heating), free of all cost to yourselves.

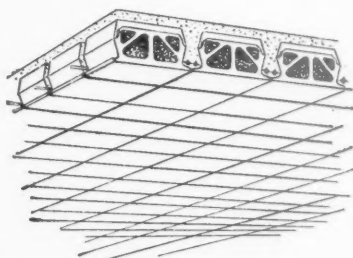
For further information please apply to :—



TRUE FLUE LTD., CONVECTOR HOUSE, ACACIA ROAD, ST. JOHN'S WOOD, N.W. 8.  
TELEPHONE: PRIMROSE 7161/2



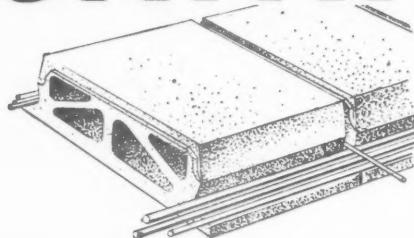
Showing Two-way Reinforcement and Hollow Concrete Blocks laid on Trianco Telescopic Centers.



Showing uniform concrete soffit. Obtained without use of slip tiles.



# SMITH'S



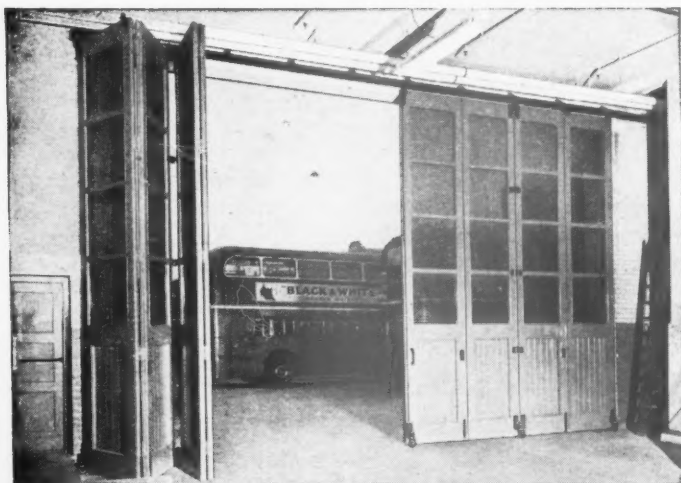
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CLOSE-UP of KING Bottom-Running Door Gear. Note the clean, sturdy design and the bearing lubrication nipples. Here's a job made to give years of faultless service.

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USING this system of Gutting shows a tremendous saving in cost, material and maintenance charges. Finlock Gutters are made with a fine waterproof concrete—simple in design, easy to use and *permanent*.

## Finlock forms the eaves and gutters (says Mr. Fin)

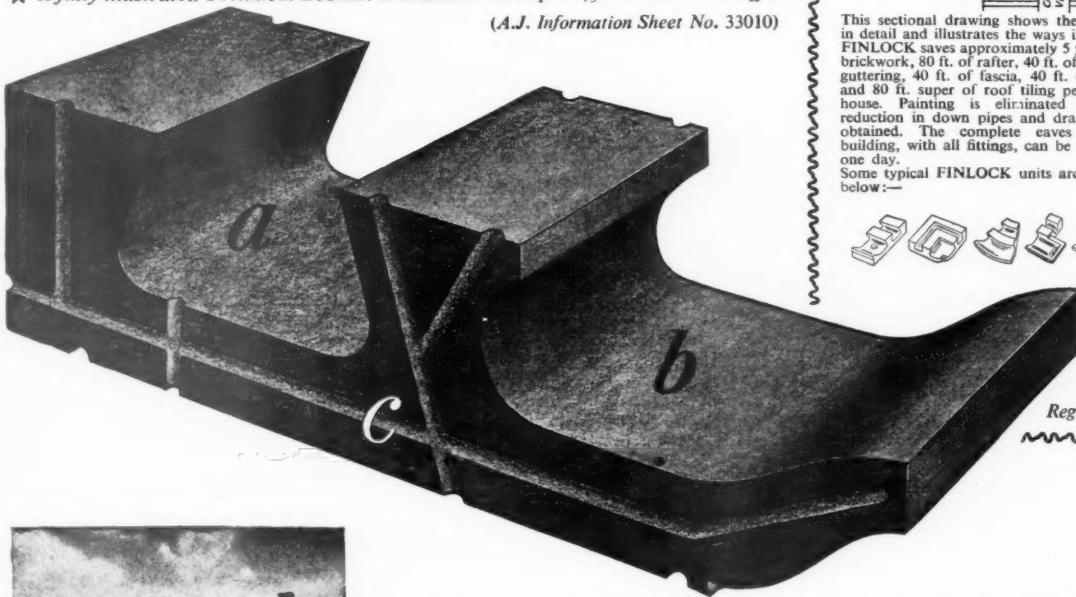
... and saves £15 per house! (says Mr. Lock)



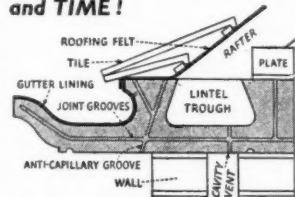
shows the large sectioned gutter channel which permits laying without fall. Strong enough to walk in and to withstand all building stresses. Completed by a "FINLOCK" waterproof mastic after laying. "c" indicates the jointing grooves.

★ A fully illustrated Technical Booklet is available on request, from our Head Office

(A.J. Information Sheet No. 33010)



### HOW FINLOCK SAVES MONEY and TIME!



This sectional drawing shows the system in detail and illustrates the ways in which FINLOCK saves approximately 5 yards of brickwork, 80 ft. of rafter, 40 ft. of normal guttering, 40 ft. of fascia, 40 ft. of soffit and 80 ft. super of roof tiling per single house. Painting is eliminated and a reduction in down pipes and drainage is obtained. The complete eaves for a building, with all fittings, can be fixed in one day. Some typical FINLOCK units are shown below:—



Regd. Pat.



Finlock Gutters are being used by the following County Councils: CAMBRIDGESHIRE, DERBYSHIRE, EAST SUSSEX, GLAMORGANSHIRE, GLOUCESTERSHIRE, KENT, LONDON, MIDDLESEX, NORFOLK, SURREY, STAFFORDSHIRE, WARWICKSHIRE, WORCESTERSHIRE. Over 300 local authorities are now using Finlock.

\* The buildings shown are in accordance with the winning design in the £1,000 low cost housing competition organised by "THE BUILDER". By courtesy of J. L. Womersley, Esq., A.R.I.B.A., A.M.T.P.L., late Borough Architect for Northampton.

# FINLOCK

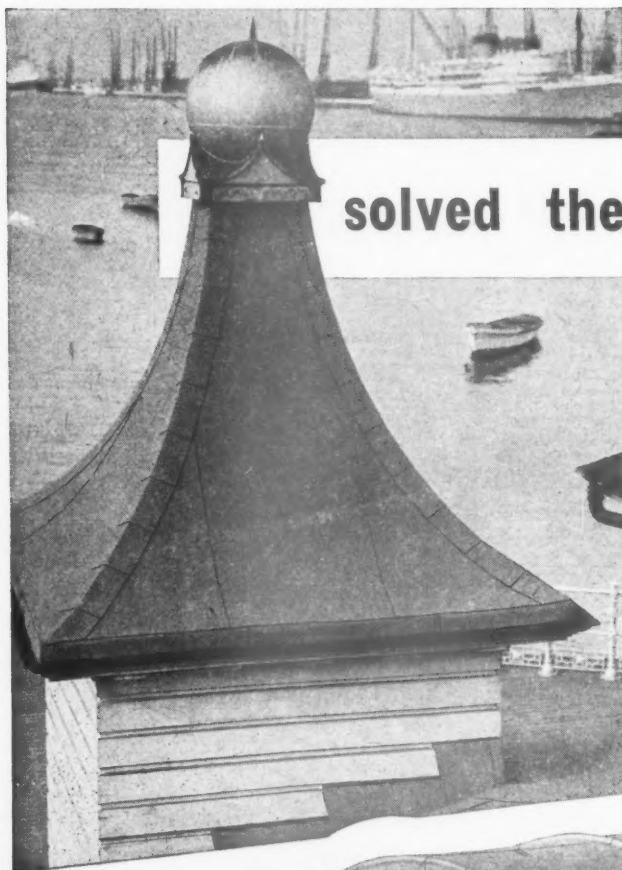
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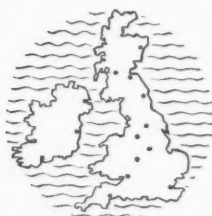
*Royal Pier Pavilion, Southampton.  
Engineer, Southampton Harbour  
Board : J. P. M. Pannell, M.B.E.,  
M.I.C.E., M.I.Mech.E.*

*Municipal Offices,  
Bromley, Kent.  
Borough Engineer :  
H. Cliffe, B.Sc.(Eng.)*



R.118

## The Ruberoid Contract Department



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GLASGOW • BELFAST • BRISTOL • EXETER • DUBLIN • CORK

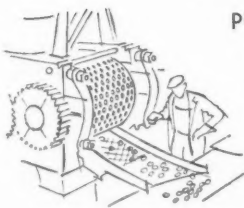
THE RUBEROID COMPANY LIMITED, 1, COMMONWEALTH HOUSE, NEW OXFORD ST., LONDON, W.C.1

# RUBEROID

# ROOFING



Many firms now press fine pulverent materials into briquettes prior to other manufacturing processes. This facilitates handling and transport, avoids considerable waste and, where a further process is involved, improves production.

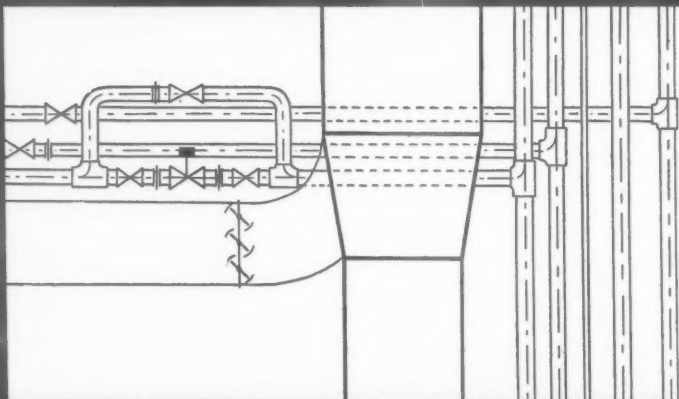


Sutcliffe Speakman's OVOID PRESS is designed to produce briquettes or pressings at very high speeds: in coal briquetting, its output reaches 25 tons per hour. With equal efficiency the EMPEROR PRESS deals with the briquetting of metal borings and turnings. Other EMPEROR uses include brickmaking from sand and waste materials, such as slag and clinker.

## On-the-spot Briquetting of Pulverent Materials

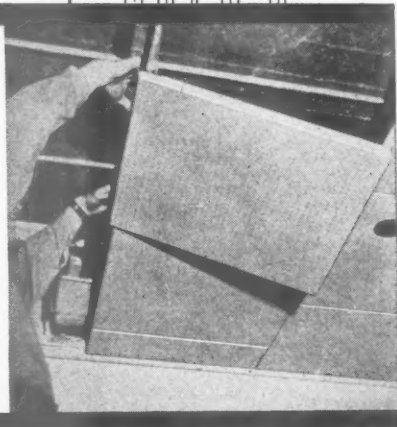
FULL PARTICULARS FROM **SUTCLIFFE SPEAKMAN & COMPANY LIMITED**  
LEIGH, LANCASHIRE. LONDON OFFICE: 2, CAXTON STREET, WESTMINSTER, S.W.1. PHONE: ABBEY 3085





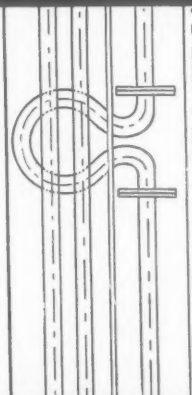
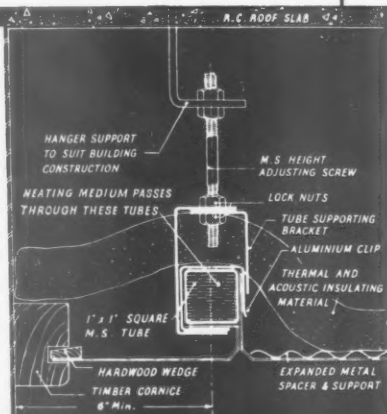
## it's warming

A Frenger ceiling does three jobs. *First*: it is a radiant panel heating unit with a very quick response to changes in room temperature. A Frenger is made up of a series of square, perforated, aluminium panels suspended from a grid of pipes linked with the hot water system, and overlaid with a blanket of insulating material.



## it's acoustic

*Second*: the entire ceiling area is a sound absorbing surface with a high efficiency. The panels can be cut to fit any shape of room and take in pillars, projections and lighting and ventilation systems. So it can be fitted in existing buildings with little trouble and no major structural alterations.



## it's concealing

*Third*: as it is suspended a Frenger can conceal all the piping, wiring, ducts and other unsightly services behind a most attractive exterior—and yet leave them completely accessible. The aluminium panels clip into the pipe grid and can be taken out with ease. The whole ceiling, including water in the pipes, only weighs 2.5 lb. per sq. ft.

Full thermal and acoustic data from:—

Frenger Ceiling Ltd., 67 Great Russell Street, London, W.C.1.

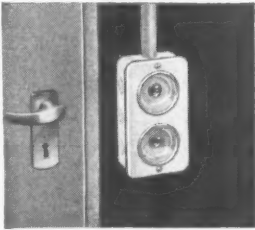
**it's ...FRENGER**

Chancery 5534/5

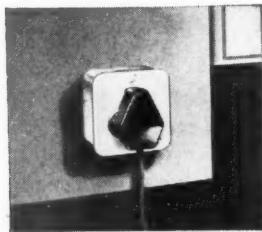
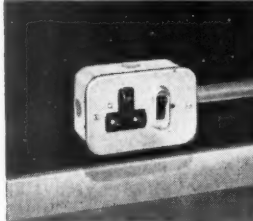




## Contemporary Schools



Illustrations are:  
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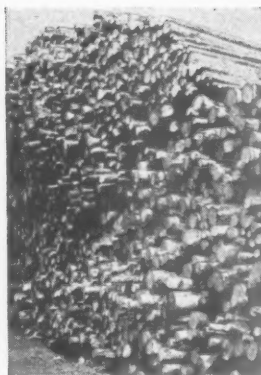
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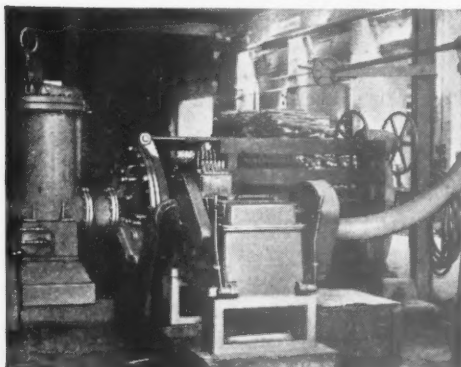
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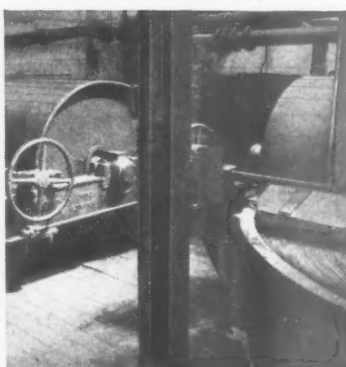
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GLASGOW: BALTIC CHAMBERS, WELLINGTON ST., C.2. NEWCASTLE: NORTHUMBRIA HOUSE, PORTLAND TERRACE, 2

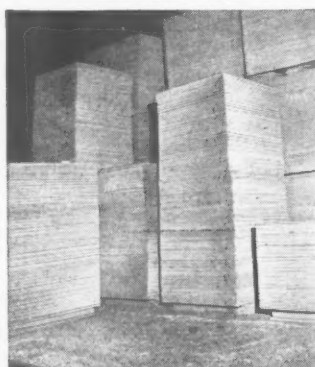
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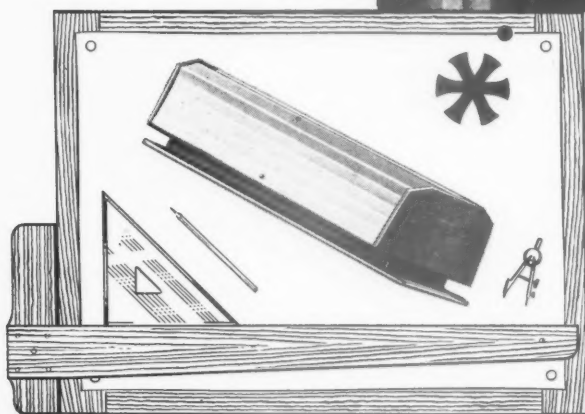


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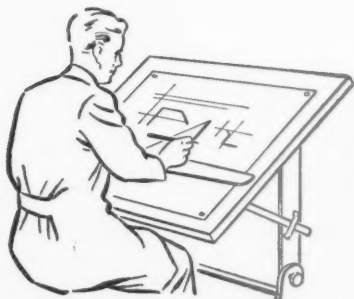
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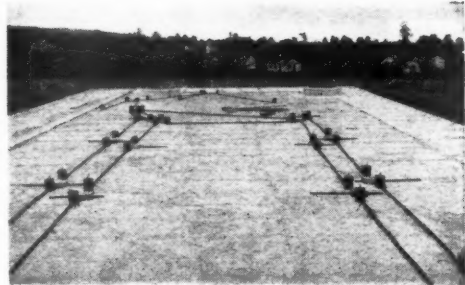


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**BACKWELL SECONDARY MODERN SCHOOL, nr. Bristol**  
The Electrical Installation by Messrs. L.A. Evans, Ltd. of Weston-Super-Mare is now completed and shows a saving of 15% compared with metal conduit.

By courtesy of R. Oliver Harris,  
Esq., F.R.I.B.A., County Architect,  
Somerset County Council.



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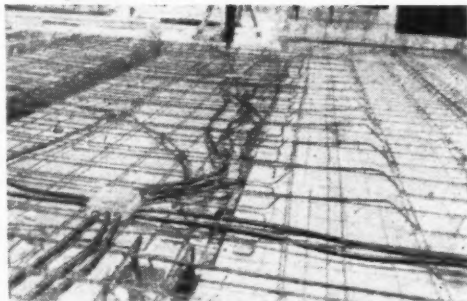
A free brochure "DUCTUBE SAVES" will be sent on request.

saves  
**25%**

**BURNHAM PRIORY JUNIOR SCHOOL.**

The Electrical Installation by the Southern Electricity Board is now completed and shows a saving of 25% compared with metal conduit.

By courtesy of F.A.C. Maunder,  
Esq., R.S.Dip.Arch., F.R.I.B.A.,  
A.M.T.P.I., County Architect,  
Bucks County Council.



**DUCTUBE Company Limited**  
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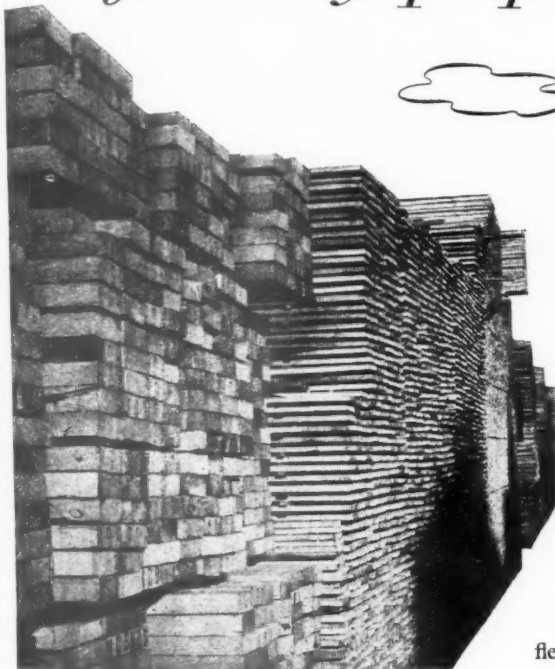

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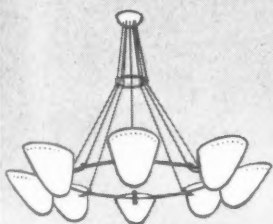


*The Free Trade Hall, Manchester—architect, Leonard C. Howitt, Esq., F.R.I.B.A.—has been equipped with pendant lighting fittings made by Troughton & Young and designed especially for this interior. At the foot of this advertisement, are illustrated a few examples of standard fittings designed on the same principle. They are taken from the Troughton & Young Versalite range.*

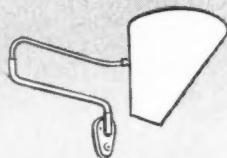
# **TROUGHTON & YOUNG (LIGHTING) LIMITED**

*The Lighting Centre*

143 KNIGHTSBRIDGE, LONDON, S.W.1. TELEPHONE: KENSINGTON 7457 (15 LINES)



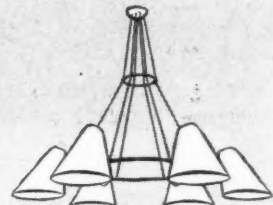
**FV. 118/R PENDANT.** Eight-light ring with large metal reflectors. Finishes: reflectors and supports, off white; remainder, satin brass. Flexible cords, white. Lamps: up to 8 x 100 watts.



**FV. 2/S BRACKET.** Adjustable arm. Finishes: backplate, off white; arm, satin brass or satin chromium. Shades: ivory or peach plastic. Complete with switch. Lamp: up to 75 watts.



**FV. 3/R BRACKET.** Small metal reflector. Finishes: reflector, off white; backplate, gilt or silver anodised aluminium. Lamp: up to 60 watts.



**FV. 116/S PENDANT.** Six-light ring with shades. Finishes: Shade supports, off-white; remainder, satin brass. Shades: ivory or peach plastic. Flexible cords, white. Lamps: up to 6 x 75 watts.

# STRAMIT BOARDS LIMITED

## BUILDING BOARD MANUFACTURERS

FOR PARTITIONING, WALL LINING AND ROOF DECKING



### ● DESCRIPTION

STRAMIT is a building slab of compressed straw covered with a stout paper liner. It is of Swedish origin—manufactured at Stowmarket, Suffolk, under licence, as well as in 14 other countries. Tested by the Building Research Station, Garston, approved by the Ministries of Works and Housing, the Services, and specified by leading architects and local authorities as a structural building board combining strength with high thermal values.

### ● DIMENSIONS AND ACCESSORIES

2in. thick, 4ft. width, 8ft., 9ft. and 10ft. lengths. Special lengths and "cut-to-size" service can be provided, saving site work and eliminating waste. Accessories are available for partitioning and roof decking.

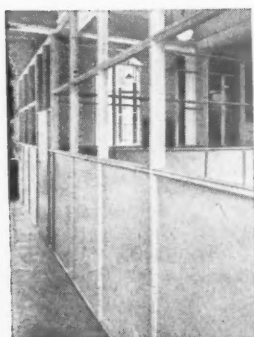
### ● DATA

Weight: approximately 3.8 lb. sq. ft. Thermal value: 0.60 B.T.U. per hr. per in. thickness per sq. ft., per hr., per degree F. (B.R.S.). Spread of flame: Class 2 when distempered or painted: Class 1 when plastered (B.R.S.). Sound absorption: 45—55 per cent. Sound insulation: Approximately 30 dB. Strength: The slab is about three times as strong in width as in length (modulus of rupture 600 lb./sq. in. and 187 lb./sq. in.). In a roof decking, with 40 deg. pitch or less, a centre bearer is therefore normally recommended: all edges should also be supported. For partitions, the slab needs framing at the edges only.



### ● USES

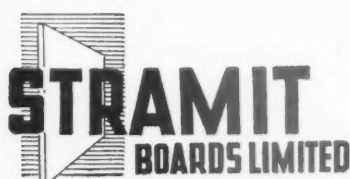
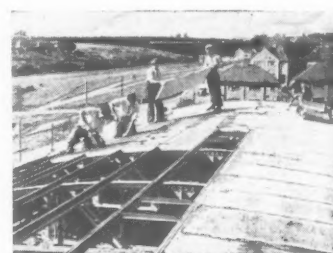
Roof decking under felt, sheet metal, asbestos, etc. (often saves separate ceiling). Lining to external walls. Lagging of water tanks. Partitions in dwellings (low cost, light-weight dry construction). Removable or fixed office partitions (glazed or unglazed) with STRAMIT aluminium sections or timber framing. School partitions and roofs. Factory screens and divisions. Machine bases (noise reduction, anti-vibration). Acoustical correction in factories, studios, blocks of flats, schools, etc.



The illustrations show just a few typical examples of STRAMIT in use

### ● PRICE

The basic price for the 2in. STRAMIT slab is 1s. per sq. ft. delivered to site.



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I’m proud. I heaves a sigh of satisfaction, my eyes fill up and  
I sez to myself, “Elmer don’t have to worry, he’s a boy that’s got hisself  
a privy, a m-i-g-h-t-y, m-i-g-h-t-y, p-r-e-t-t-y p-r-i-v-y.”

*Lemuel Putt \**



THE new Williams & Williams Roften Privies† would have delighted the heart of old Lemuel Putt. The new Roftens are pretty — you can have them in any colour; and they are mighty because they will last a very long time. There is a myriad of reasons why you should specify Roftens—here are just a few :—

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2. They can be grouped in any number.
3. They are made of high quality sheet steel which is rustproof, fire resistant and won’t harbour germs.
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6. The clean straight lines are in keeping with modern trends in design.
7. Roftens are supplied in finished colours to specification.

If you are putting toilet compartments into schools or hospitals, factories or offices we should be glad to tell you about the new Roften lavatory units. Please write or telephone.

† *Lavatories or even toilet compartments if you wish Sir.*

\* *The Specialist by Charles Sale : Putnam, 42 Great Russell Street, London, W.C.2.*

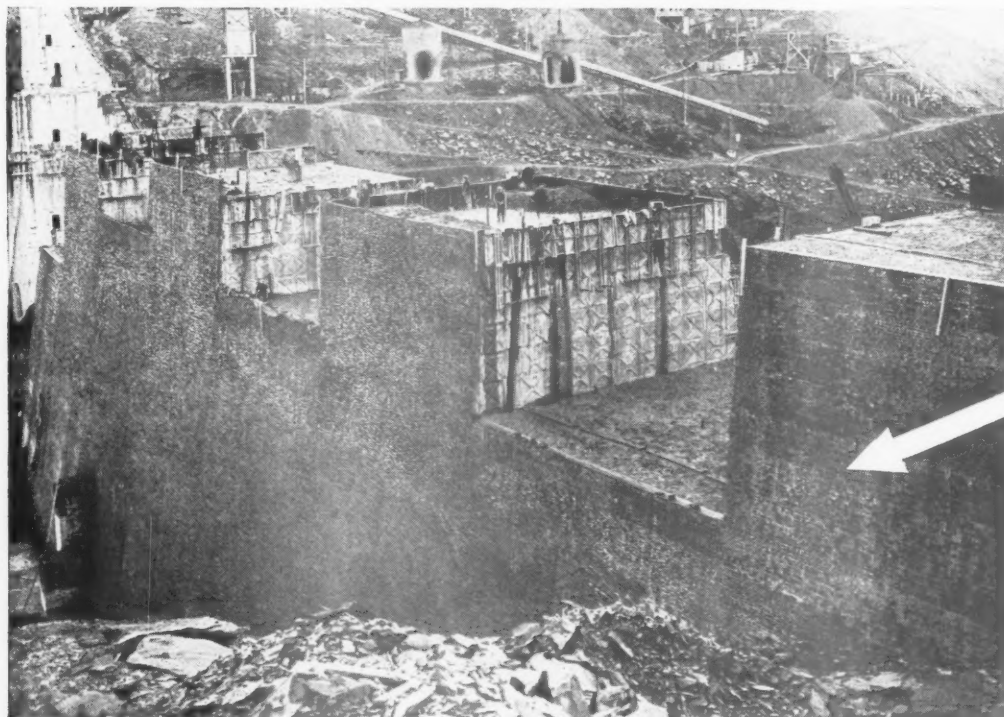
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The selection of bricks for heavy-duty work is a comparatively simple matter, for there are only four regions in the country possessing clay or brick-earth of the requisite high standard. The Engineering Bricks of ACCRINGTON, CATTYBROOK, SOUTH-WATER, and the STAFFORDSHIRE BLUES from the Midlands, conforming to British Standard Specification, are strictly standardised products. They are extremely tough, impervious to moisture and have valuable acid-resisting properties. They may be specified with absolute confidence.

Please ask for booklet 2, "BUILD TO ENDURE," post free on application to Norman J. Wigley, F.C.A., Secretary, British Engineering Brick Association, 55, Temple Row, Birmingham, 2. (Telephone: Midland 6818/9).

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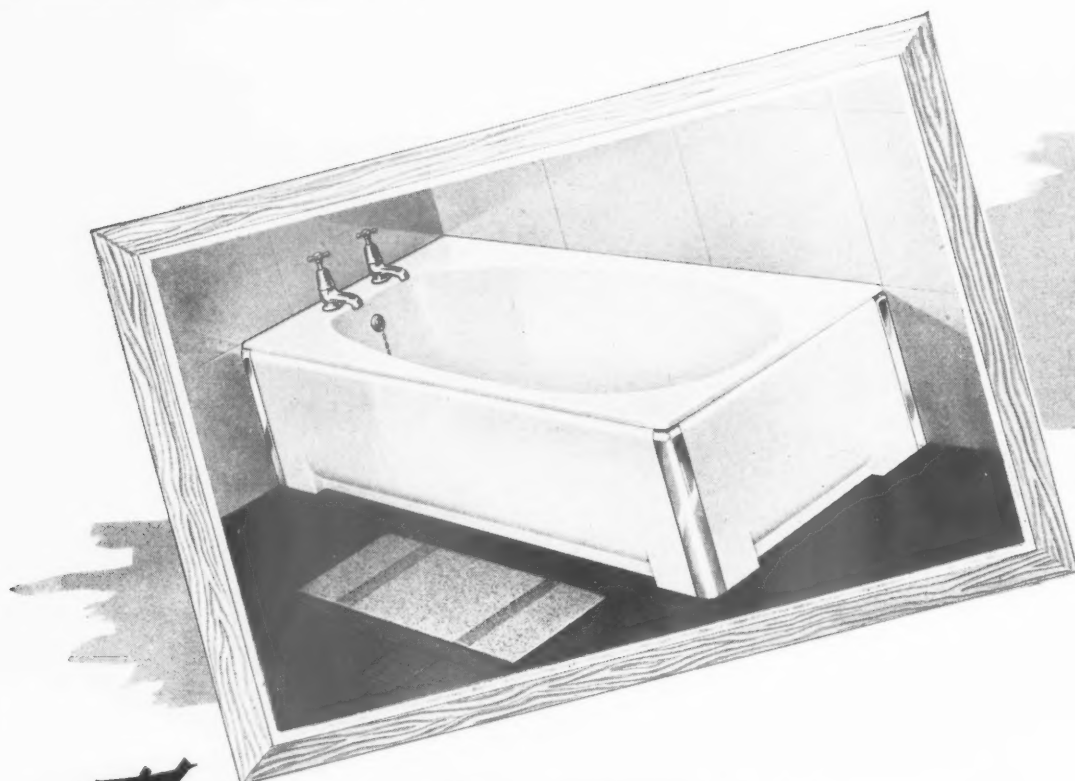
**THE LARDER GATE MEMORIAL BUILDING**  
**The Precincts, Canterbury.**

*Architect: John L. Denman, F.S.A., F.R.I.B.A.*

*Messrs. Denman and Son 27, Queens Road, Brighton 1*

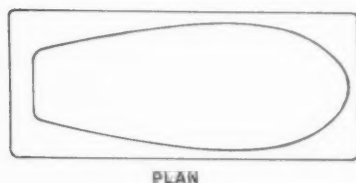
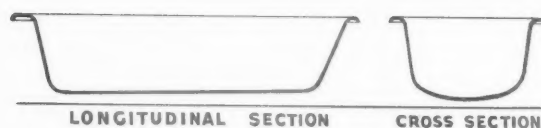
**G. H. DENNE & SON LTD.**  
**DEAL and CANTERBURY.**

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 Mr. John L. Denman.**



# *The* DOUNE

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The "Doune" is the first bath specially designed to fit the figure. Only two-thirds of the volume of water required in ordinary baths is used, thus cutting the cost of water and fuel.

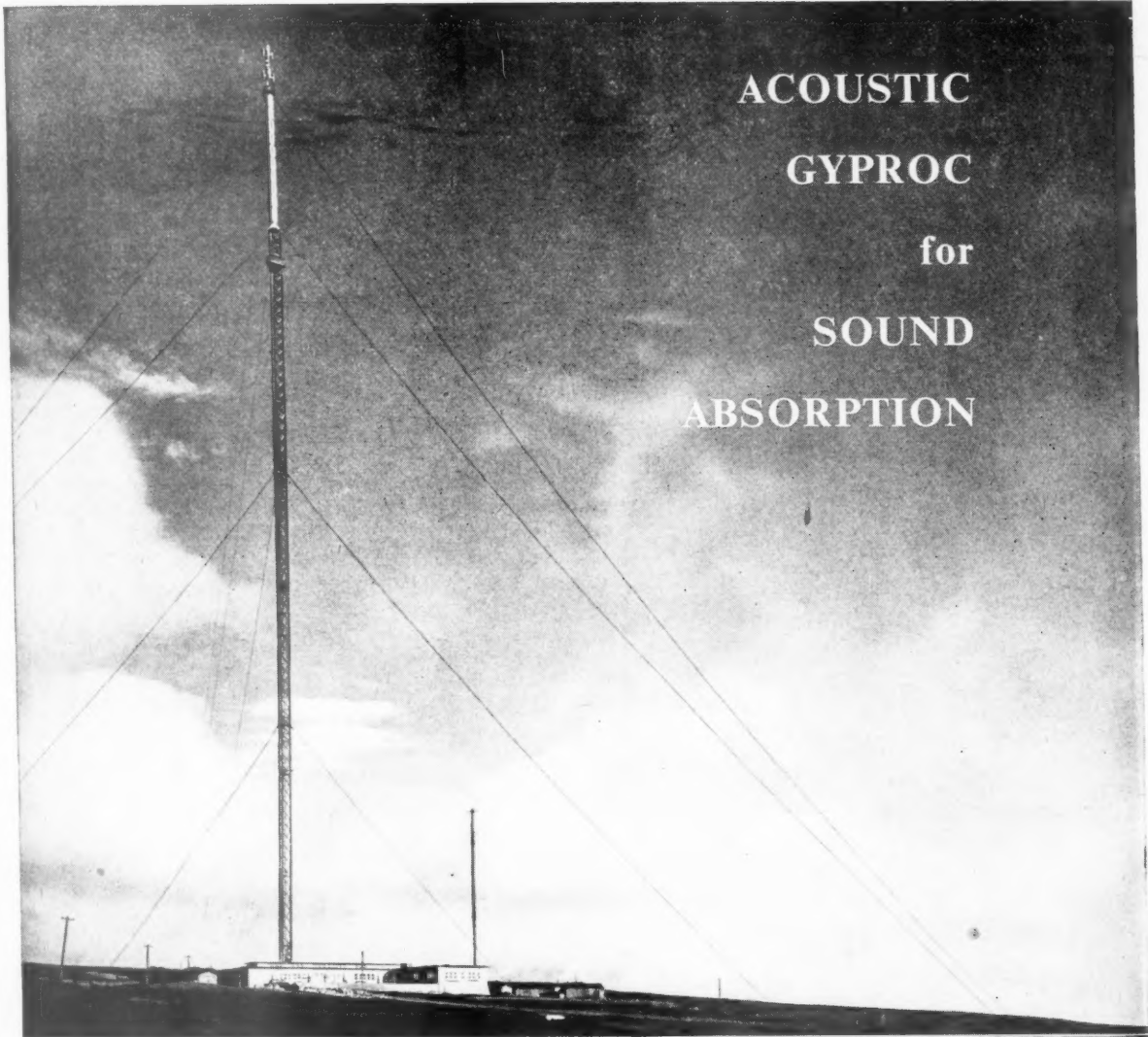
- Attractive Appearance
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- Costs no more than standard bath
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- Saves approximately 33 $\frac{1}{3}$ % water
- Available in white, green, cream and blue
- 2 sizes 5' 6" and 6' 0" overall

*A leaflet giving full details, illustrations and dimensions is available on request.*

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# ACOUSTIC GYPROC for SOUND ABSORPTION



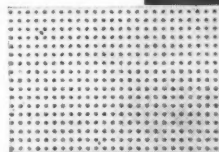
For selective acoustic correction, Acoustic Gyproc has been extensively used in the new B.B.C. Television Transmitting Station at Holme Moss, Yorkshire.

Above, a general view of the Station, showing the main building and the 750-foot mast supporting the combined vision and sound transmitting aerial. Right: Acoustic Gyproc ceiling in a Control Room.



*Mast: Designed and erected by British Insulated Callender's Construction Co. Ltd. to B.B.C. detail specification.*

*General Contractors: John Laing & Son Ltd.*



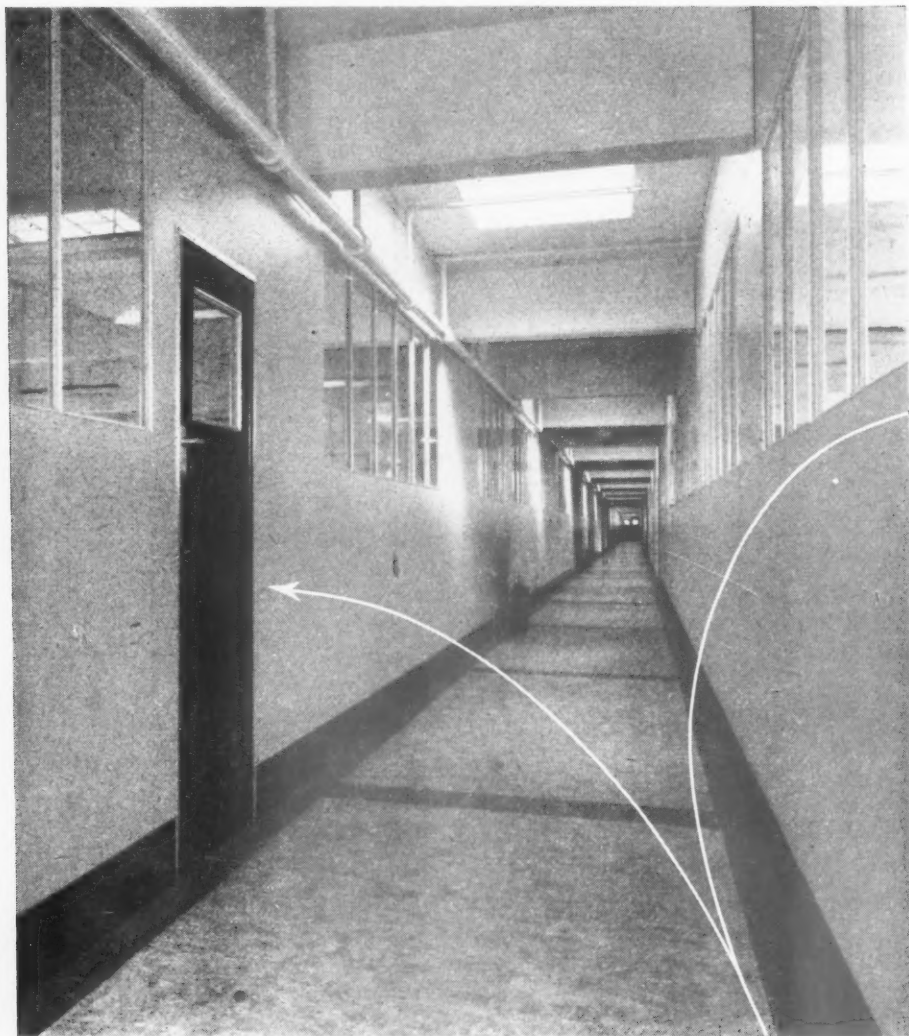
*Acoustic Gyproc is a fire-protective gypsum plasterboard panel containing small perforations of specific diameter and optimum centres, allowing the correct admission of sound waves to an absorbent backing. Acoustic Gyproc has an ivory surface for immediate decoration.*

*Makers of thermal insulation and acoustic products including GYPKLITH Wood Wool Slabs, GYPKLITH Acoustic Tiles, GYPKLITH Fluted Panels, INSULEX and ZONALEX Mineral Loose-fill Insulation Materials, ACOUSTIC GYPROC, ZONAPLAX, VERMICULITE Insulating Plaster, DEKOOSTO Acoustic Plaster.*

## GYPROC PRODUCTS LIMITED

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A.1



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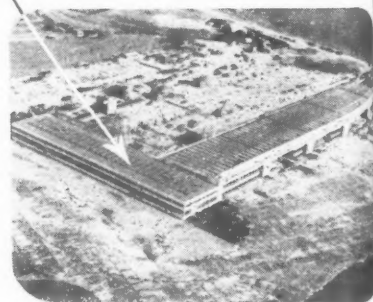
Holoplast was also chosen for extensive use in the new workshop block of Folkestone Technical College.

### **IT PAYS TO INSTALL THE BEST THERE IS**

*Manufactured by:*

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Head Office & Works: New Hythe, Near Maidstone, Kent.





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\*Hiduminium\* is a Registered Trade Mark

# New store at Canterbury for Messrs. F. W. Woolworth & Co. Ltd.



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**Reglo** fluorescent lighting  
fittings and lamps are used  
throughout this installation.

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263 FLATS FOR THE LONDON COUNTY COUNCIL

Architects: Louis de Soissons, A.R.A., & Partners

# RUSH & TOMPKINS LTD.

Building & Civil Engineering Contractors

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A very pleasing and colourful effect is provided on this new block of flats by the use of Tretolin Paint on concrete surfaces to balcony recesses.

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Flats at Stong Hall for Stevenage Development Corporation.

Contractors: Gilbert Ash Ltd.

Architects: Yorke, Rosenberg & Mardall,  
F.F./A.R.I.B.A.

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NEW ASBESTOS CEMENT • CONCRETE Etc.**

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Potterton Gas-Fired Boilers for central heating and indirect hot water supply at Bowthorpe Maternity Hospital, Wisbech. Regional Installation by the Fretwell Heating Co Ltd, London. Architect, Mr. Guy Aldis, A.R.I.B.A., A.A. Dipl. East Anglian Regional Hospital Board.

*The Hospital Board called for*  
**controlled warmth and hot water**

The new Bowthorpe Maternity Hospital at Wisbech was to be comfortably warm throughout; doctors and nurses had to be certain of ample supplies of hot water, by day and by night.

*The situation called for*  
**perfect cleanliness**

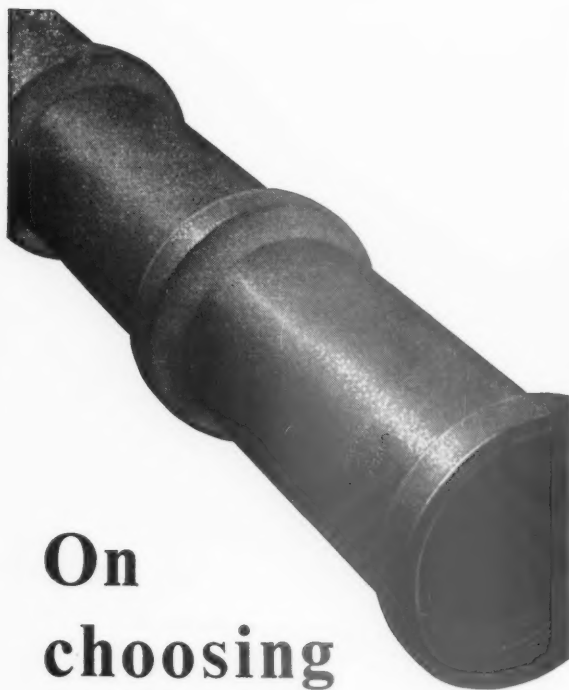
There was to be no dust in the boiler room, no dirt from fuel storage or delivery. The heating system was to require the minimum of attention and maintenance.

*The specification called for*  
**POTTERTON Gas-fired BOILERS**



**THOMAS DE LA RUE & CO LTD (GAS DIVISION)**  
Imperial House, 84/86 Regent Street, London W1

*All 'Rex' Series boilers are now fitted with the 'Perfecta' Double Duty Device to ensure safe and efficient operation.*



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Points to look for in a good pipe include smoothness of bore, straightness, good glazing, low porosity, ability to withstand the action of abrasives and of corrosive acids in sewage and soil, and freedom from blemishes such as would impair efficient performance.

All these points are covered if you see the name "Doulton" impressed upon the article, be it a pipe, bend, junction-gully, etc.

By choosing Royal Doulton salt-glazed stoneware drainage goods, the Architect, Engineer or Surveyor, is assured of a first class article, for Doulton's, the pioneers in this field, have had over 100 years' experience and have a current production of miles of pipes per week.

*Obtainable from leading merchant distributors.*

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## Plenty of Electricity

IN THE PAST FIVE YEARS, the chief task of British Electricity has been to overcome the electricity supply shortage. This shortage came about because the building of power stations for post-war requirements was stopped during the war.

There have been many handicaps to overcome on account of shortages of labour, materials and money; nevertheless today the available power supply is nearly 6,000,000 horsepower greater than five years ago.

At the same time, compared with 1948, there are some 2,300,000 more consumers—nearly 14,000,000 in all. But now, except possibly for short periods in the early morning and late afternoon when the weather is unusually cold, there is plenty of electricity for everyone's needs.

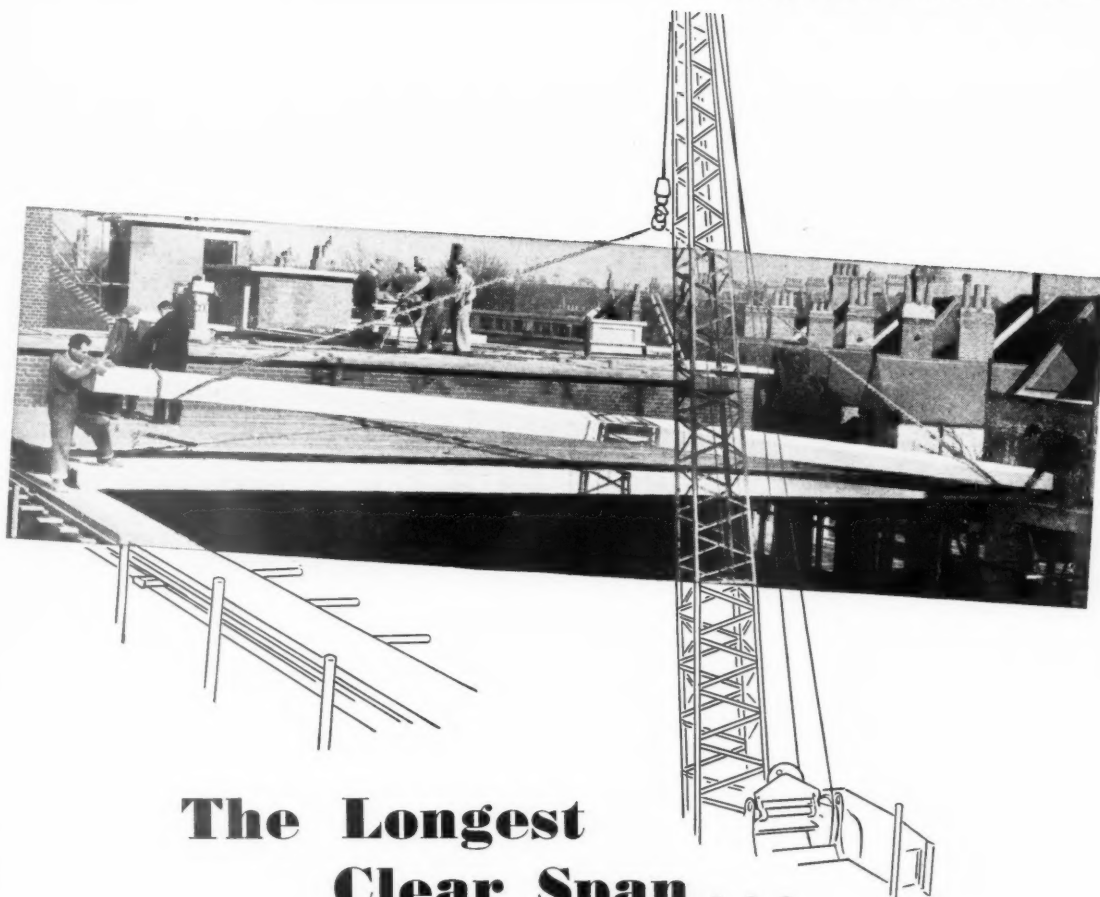
### Economy in Costs

Electricity has increased in price less than almost all other commodities and services. The *average* price paid per unit for all electricity sold last year was less than one-fifth above the 1939 figure.

Greater use has been a major factor in securing this satisfactory result. That has meant that the relatively heavy overhead costs have been spread over a progressively larger output. The more continuously electricity generating plant is kept working, the more economical electricity tends to become. This trend will continue in the future.

... for more output and economical production use more power more effectively.





## The Longest Clear Span . . .

**GENERAL** The BISON Prestressed roof units at Chiswick Polytechnic Gymnasium are probably the largest single span hollow roof slabs yet to be manufactured and fixed anywhere in the world.

**SPECIFICATIONS** The units are normal Prestressed BISON slabs and are 42ft. long, with a clear span of 40ft. 9in.

Each slab is 14in. wide and 8½in. deep at each end.

The depth increases to 10½in. in the middle.

The cavity is approximately 9½in. wide and 5½in. deep at ends, increasing to 6½in. deep in the middle.

The units are reinforced with fourteen 0.2in. diameter high tensile wires per 14in. width.

Overall weight is 68 lbs. per sq. foot.

**LOADING** The slabs are designed to carry finishes of 28 lbs. per sq. foot plus a loading of 25 lbs. per sq. foot, which provides for a possible roof loading and for a considerable number of hangers for gymnasium ropes. When grouted, the units form a very rigid roof, with no sign of exceptional springiness which might be expected with a very shallow slab of this type.

**TESTING** The actual units were tested in the factory with a loading equivalent to finishes plus twice the superimposed loading without any sign of cracking, and deflection under the design load of 25 lb. per sq. foot was 0.435in., or under one eleven-hundredth part of the span.

**SPEED** As will be seen from the illustration, the slabs were fixed with a mobile crane, which, despite the extreme difficulty of access into the site, enabled the entire area of 330 yards super to be completed in under a week—Bison is 100 per cent. British designed by BISON Engineers.

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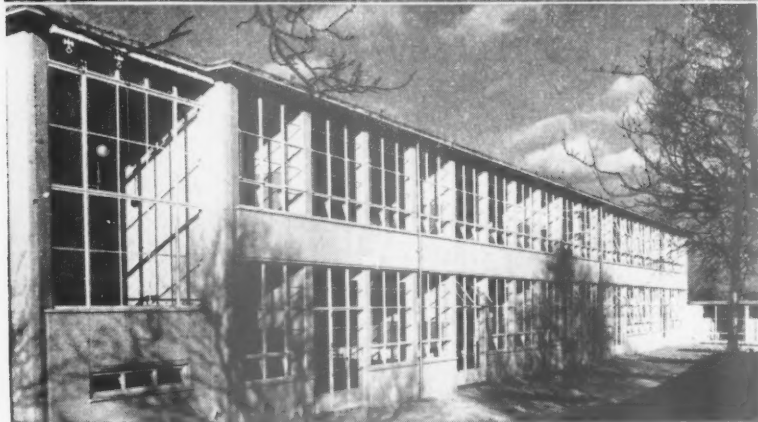
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## Empire Stone

was selected for  
use in this  
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*The Simon Langton School, Canterbury.*



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### **EFFICIENT**

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### **NON-CLOGGING**

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Silicones withstand weathering and have a long effective life.

### **INVISIBLE**

Silicones do not alter the original texture, colour or appearance of the masonry.

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## THE CORONATION SETTING

When this column reaches your eager clutch the Great Occasion will be over. ASTRAGAL is wondering how to be in several places at once on the Day, to be of the greatest service to his readers. Indeed, he's wondering if he will be in a position to report anything at all, for the Press card given to him by MOW "may be withdrawn if the holder is no longer a suitable person to be in possession of a card." ASTRAGAL, who is always treading (with acknowledgments to Mr. Wodehouse) on life's banana skins, is certain that he will drop some ghastly social brick and become a completely unsuitable person long before the procession comes his way. For this reason he took the precaution of at least viewing the setting well in advance.

And there certainly was—and still is—plenty to view—from the illuminated cardboard crown in the flat-balcony across the way to the more grandiose offerings of MOW. To an architect-trained eye, the results of the large-scale decorations are rather uneven, some superb, some merely feeble.

\*

"Good taste" given free reign has completely paralyzed some street schemes—it seems to bring a terror of the three dimensional. ASTRAGAL would never dare admit in public that he admires the offering of a certain very large West End store, but the frank and cheerful 3D "Technicolor" vulgarity of what it has done is at least full-blooded, whereas the corporate effort of Oxford Street—gilded expanded-metal on white poles—is downright anæmic, though doubtless welcomed by standholders who like their decorations as transparent as they can decently be made. Regent Street's relentless repetition of faded plastic roses is not much better, and the solution of the Oxford Circus problem, a democratic mixture of Regent Street roses and Oxford Street poles, is just a pity—a fine site and a dramatic turning point in the procession wasted. The original proposal for a suspended feature here had not been approved by the local Council, I understand, but it would surely have been a marvellous place to put one of Eric Bedford's lattice arches.

\*

Those arches are, of course, the star turn, and ASTRAGAL would like to pat every MOW back within reach for not having committee'd a brainwave out of existence; in fact, by letting well alone they seem to have pleased every-

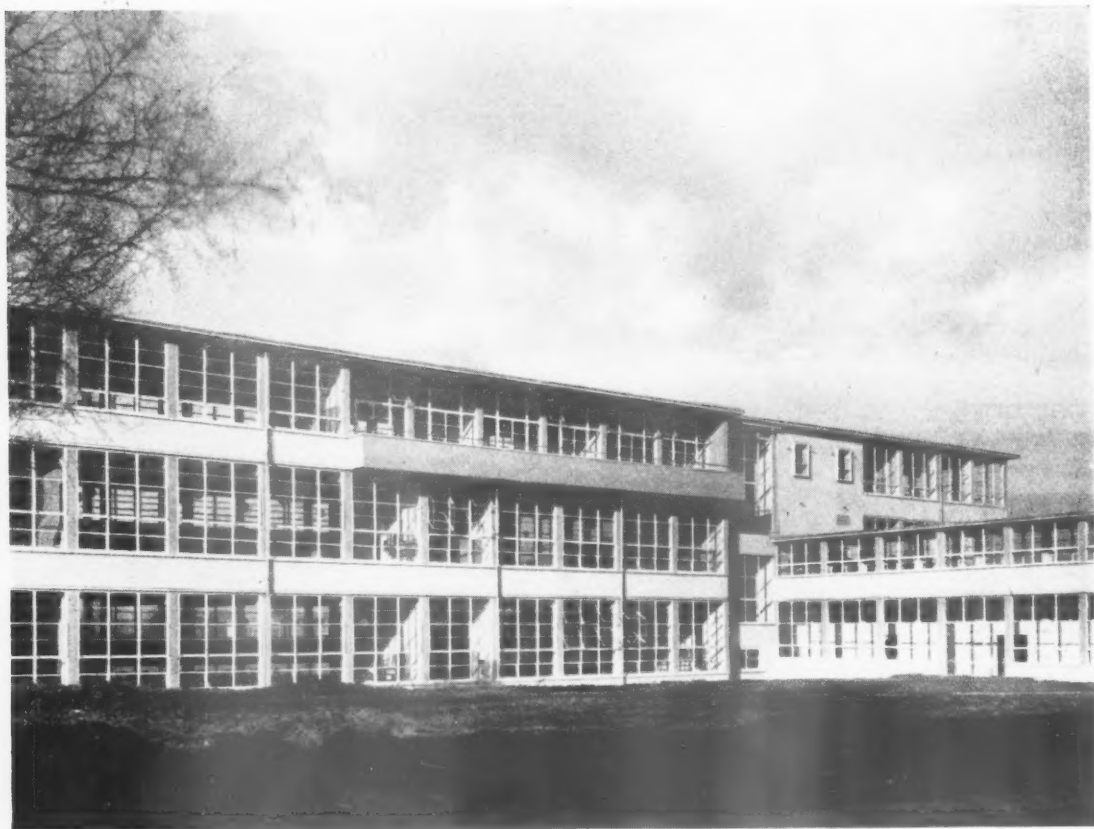
one. Next on the list of back-pats is, of course, Sir Hugh Casson. Not at first altogether happy about his scheme for Whitehall, ASTRAGAL went and had a long, hard look at it, was more and more appalled by the problems the Festival Knight had to face, and is now convinced that this is as good a solution as was humanly possible, though he still feels a bit captious about some of the detailing.

\*

Taken all round, the profession can be proud of itself, for, to a not very prejudiced eye, it really appears that those authorities who have employed architects or professional designers to do their dressing up, have had far better value for their money, and have made a far greater contribution to the general splendour—particular bouquets to Kensington (James Gardner) and Holborn (Borough Architect, S. A. G. Cook). There remains one worry—the dominant motif of the decorations everywhere is a pole with a thing on top, and one cannot put out of one's mind the unquiet feeling that this is a bit of Elizabethan atavism—that what ought to be on top of these poles are human heads. Saracens, for instance, or unpopular politicians.

## BARGES

The Thames Barge race is the sort of thing everyone would probably like to see at least once, but one never seems to hear about it until the day after. Since this year's was to be the last, ASTRAGAL managed, after a lot of telephoning, to get tickets for the Committee boat, quite forgetting that several building industry firms own barges and that an invitation would have been easy to get hold of, even



## SIMON LANGTON GRAMMAR SCHOOL FOR GIRLS, CANTERBURY, KENT

*L. HUGH WILSON, A.R.I.B.A., A.M.T.P.I., CITY ARCHITECT & PLANNING OFFICER*

# HOPE'S WINDOWS

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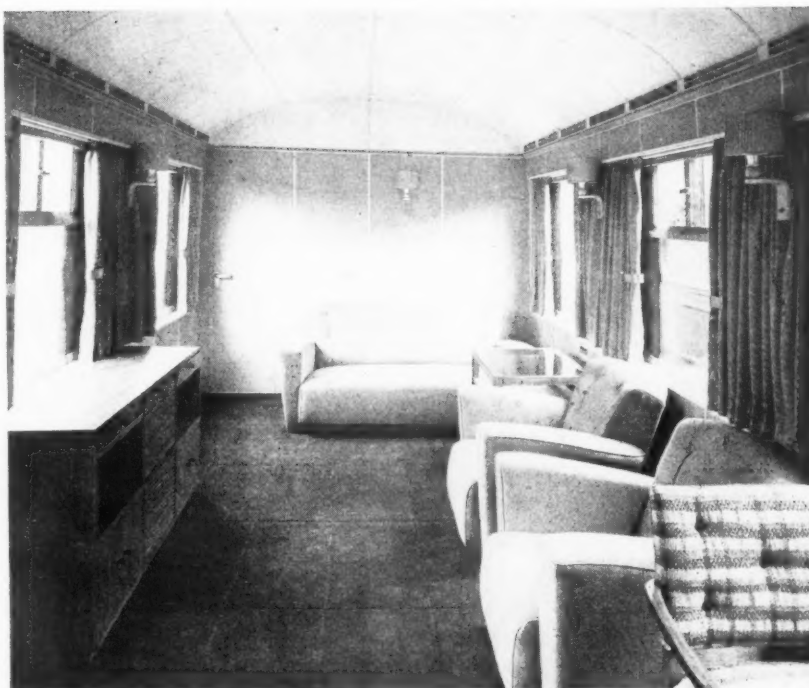
though the number of barges is diminishing yearly—Cement Marketing, for instance, now having none at all—and our industry represented only by Eastwoods and ICI—who are really too vast an organization to be labelled as belonging to anything in particular. The race was shortened because of lack of wind, but there was a terrific moment when six barges rounded the Committee boat, bunched as closely as 12-ft. dinghies. *Sara*, the winner (anchored at the South Bank for the Festival—remember?), looked rather as though she were kept mainly for racing, with a few jobs in between, but the rest seemed proper working barges—even though they may have been smartened up a bit for the occasion. The next AA show of members' photographs will probably give you an idea of it all, for I saw Bryan Westwood in a very nautical jersey and a small launch, shooting cameras in all directions.

#### RAILWAY . . .

If you are a sucker for model railway engines and ships (and who is not) or for Victoriana (and who dare admit he is not) then Euston Station is the place to make for. It is also the place to make for if you fancy Victorian architecture at all, for the exhibition "London on Wheels," which consists largely of models of various forms of nineteenth century transportation and should be a major Coronation attraction, has been housed in the recently-refurbished Shareholders' Meeting Room which lies at the top of that fine flight of steps at the end of the Great Hall. (It is, in fact, the room which was identified by Paul Jennings in a famous *Observer* article, as the holy of holies of the Euston Sleepers, the tutelary deities of British Railways.)

\*

It is a magnificent room, the work of P. C. Hardwick, son of the designer of the great entrance Propylæum, which is also being restored and looks very fine. The restoration of the Shareholders' room is the work of Christian Barman, who thus adds another bar to his medal for meritorious service to British Transport, working from the original specification of Hardwick's, and the result is a splendid and dignified interior, fully consonant with the splendours and responsibilities of administering the London and North Western. The only trouble is that the restoration is so good that it makes the



*The Duke of Edinburgh's private saloon on the Royal Train. See note on "Trains."*

redcoration of the Great Hall (not by Barman) look even cruder and more insensitive than it really is.

The exhibition itself is a real joy, including reconstructions of parts of early Pullman coaches, and of the first reformed (*i.e.*, padded seats) third-class carriages, as well as a fine collection of truncheons and night-sticks, posters, prints, working drawings, badges, tickets, lamps and all the rest of the paraphernalia of being transported from place to place. The exhibits are beautifully laid out (by Sheila Stratton and Peter Miller) in a manner which is perfectly contemporary and clever, yet perfectly sympathetic to them. The display cases and picture screens were excellently designed by Robin Day and John Reid.

#### . . . TRAINS

While *en train* so to speak, on the subject of transport, *Architectural Review* readers may remember a photograph of the South African Royal train which was reproduced in the January issue, and was described by Barbara Jones "as the worst sort of interior by any standards." British Railways, even in their worst period, have always managed better than that and an illustration of one of their recent jobs, the Duke of Edinburgh's saloon (above) shows a most admir-

able cleaning-up all round—direct, simple and non-fussy. If the total effect is a little unadventurous and impersonal that is, no doubt, mostly due to the fact that the usual signs of habitation—books, flowers, magazines and pictures—are all (with colour) missing from the scene. Let us hope that the interior of the new Royal Yacht will be based on similar simplicity but with a little of what the petrol companies call "plus."

#### COCKLES AND DECIBELS

How many readers saw Sir Stephen Tallents's article in *The Sunday Times* on Denbighs, the house built for himself by Thomas Cubitt almost exactly a century ago? The point which struck me was the insulation of the nursery, the space between the floor joists, pretty deep in those days, I imagine, being filled with cockle shells. Now, of course, we've progressed to decibels and glass silk. I've no idea of the degree of insulation you'd get with cockle shells, but they should provide lots of small labyrinthine air spaces, and would presumably have been available by the cartload both in London and along the South Coast. They would have, for nurseries at least, the added attraction—presumably—that if you placed your ear to the floorboards you would hear, far-off and magical, the sound of the sea. ASTRAGAL



## Products of Planning



The two views above and left show what we've got, and what is coming, or rather, continuing to come, into the landscape in the guise of post-war development. It is extremely modest development, in fact probably the cheapest form which can be devised, but the photograph (left) of a bungalow under construction at Kingston, Kent, shows how, despite all the glory and paraphernalia of a town planning Act, the slow, steady, piecemeal destruction of the countryside continues. The photograph above of Barham, a mile away from Kingston, shows a village in *status quo*, not perfect (the corrugated iron could go and some roofs be repaired), but not, as yet, spoilt. What prevents the *essential* development, in a contemporary manner, of a landscape so that the new buildings, and layout, enhance, instead of detract from, the old? The question is raised for those who attend next week's RIBA Conference at Canterbury and Folkestone to answer. This little problem will provide a slight change from the study of the official programme—school building—and the fifteen miles linking the two conference towns has many examples of the problem.

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# NEWS

AA

## Officers Elected

The result of the ballot for the election of the officers and council of the AA for the session June 1, 1953, to May 31, 1954, is as follows:—

President, Sir Hugh Casson; vice-presidents, Peter Shephard, Bryan Westwood; hon. secretary, Gontran Goulden; hon. treasurer, D. Clarke Hall; hon. editor, W. W. Atkinson, O.B.E.; hon. librarian, Miss Barbara Price.

Ordinary members of council:—B. L. Adams, A. R. F. Anderson, John Brandon-Jones, H. T. Cadbury-Brown, Neville Conder, Oliver J. Cox, Hon. R. A. de Yarburgh-Bateson, Alexander Gibson, Edward Playne, D.S.C., Graeme Shankland, Prof. Basil Ward.

## MARS GROUP

### New Secretary

Trevor Dannatt has become honorary secretary of the Mars Group following the resignation of Gontran Goulden. All correspondence dealing with the Mars Group should be sent to Mr. Dannatt at 6, Fitzroy Square, W.1, except that connected with CIAM 9, which should be sent to Mr. Goulden at the Building Centre, 26, Store Street, W.C.1.

## TCPA

### Study Tour of France

The TCPA has arranged a sixteen-day study tour of Southern France from September 20 to October 5, with the advice of Ministère de la Reconstruction et de l'Urbanisme. The tour, which is by coach and starts from Lyon, will include Avignon, Marseilles, Cannes, Grenoble and Annecy. Representative housing and planning developments and public works will be visited. Local planners, architects and other experts will act as guides. Receptions and social meetings will be arranged with public and private bodies.

The party will be limited to between 30 and 35 people and will be led by F. J. Osborn, chairman of the executive, TCPA. Bookings should be made to the secretary, TCPA, 28, King Street, W.C.2. The tour costs £65, which includes the cost of travel, hotels, meals and gratuities.

## DIARY

*Handwoven Furnishing Fabrics* by Hilary Bourne and Barbara Allen. Exhibition at the AA, 34-36, Bedford Square, W.C.1. Weekdays, 10 a.m. to 7 p.m.; Saturday until 2 p.m. UNTIL JUNE 13

*The Christian Theme in Contemporary Arts*. Exhibition at Park Lane House, 45, Park Lane, W.1. (Sponsor: International Faculty of Arts.) 10 a.m. to 10 p.m. Sundays 2 p.m. to 10 p.m. UNTIL JUNE 18

*Sullivan and the Skyscraper*. Talk by Prof. Henry Russell Hitchcock. RIBA, Portland Place, W.1. 6 p.m. JUNE 23

Executive Editor: D. A. C. A. BOYNE

## THE WEAK LINK

THIS year's RIBA Conference to discuss school building is being held in two towns, Folkestone and Canterbury, which are fifteen miles apart, linked by a country road through one of the loveliest and most historic stretches of Kent. The members of the Conference will, during their stay, spend at least three hours, on an average, travelling to and fro. This means three hours in which to observe and discuss country building. This week's frontispiece, opposite, has been purposely chosen as a slight but significant example of an insidious development taking place along country lanes and on the outskirts of villages. The development, if the countryside is to stay alive, and not become mummified, must go on. But must it take the form of hipped-roof bungalows set back a regulation distance from the road frontage in a style and manner no whit different from pre-Planning Act days? The absorption of the odd dwelling house into the landscape is only one problem amongst many. A brief glance at pages 700 to 711 of this issue reveals three more problems worthy of study: the problem of the large country house; the problem of the solitary country church; and the problem of the dying art and practice of silviculture.

There are at least four country houses worthy of note lying close to the main Folkestone-Canterbury road. One is slowly being repaired and restored, at considerable expense, by the owner; one has, temporarily, at any rate, a renewed lease of life as a hotel; one has been converted into flats and one, the largest, is about to be vacated by the owner. Are the guardians of this country's architectural wealth satisfied with this? There are also four country churches on the route, which stand isolated amongst the fields and deserted by their congregations. No worry to planning officers these, the Church itself must come to a decision: to pull down, or to allow to decay. Or, with a reviving agricultural prosperity, is it possible that these unpretentious but endearing buildings could form the village hall cum place of worship nucleus of new agricultural communities?

Lastly, the parklands. There are ten parks along the route, and almost without exception the majority of the trees in them have reached, or passed, their prime. Their successors have not been planted. The heritage of the eighteenth-nineteenth century landscape tradition has begun to disappear. Can any planning officer sketch the landscape he hopes and expects to see in fifty years time?

We make no apology for not referring to the subject of the conference, school building, in this issue. We attempt only to indicate the backcloth before which the conference is to be enacted, and, as this conference is as near a country conference as such an urban institution could be, to draw attention to certain qualities in the countryside which may well not be there when Canterbury and Folkestone have their turn again as hosts of British architects.

*This year the RIBA Conference is split between two towns: Folkestone and Canterbury. On the next five pages are shown the Folkestone architects and some of their recent work. Then follows an illustrated guide to things to see and where to eat, on, or near, the fifteen miles of road which link the two towns. In conclusion, the Canterbury architects, and the Conference Executive Committee members not resident in the two towns, are described and some of their work illustrated. The headquarters of the Conference is the Grand Hotel, shown right, on the Leas at Folkestone.*



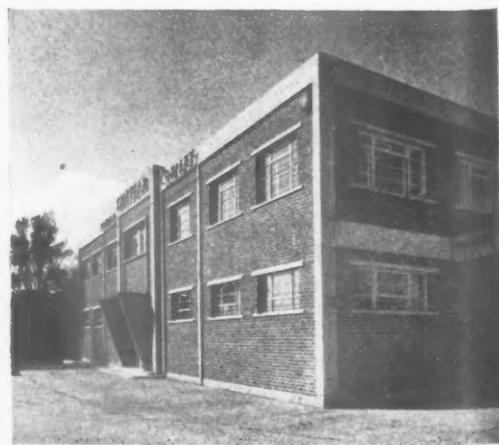
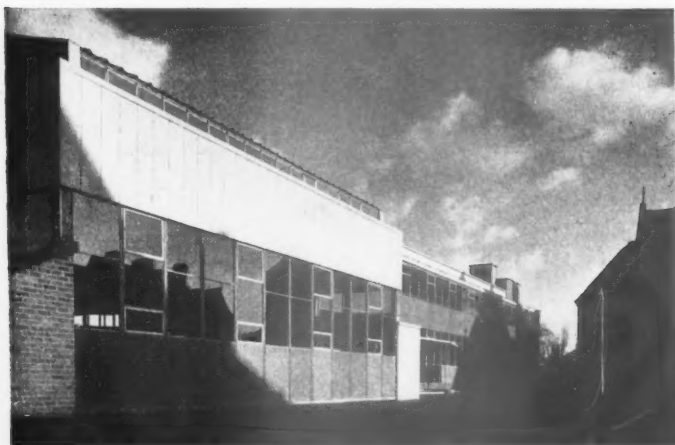
## THE ARCHITECT IN FOLKESTONE

**FOLKESTONE** embodies all the qualities of a south coast seaside resort in a tidy, conveniently-sized, and not unpleasant way. The east end, the popular end, of the town has the attraction of the East Cliff sands (which become duly obscured by densely packed human flesh and paraphernalia in warm weather) and further east still, the slightly soiled wilderness of chalk cliffs known as the Warren. Immediately west of the sands is the harbour, with its much dwindled fishing fleet, and, on the seaward side, the jetty for the cross-Channel steamers. West again is a discreet seaside strip of swimming pool, cafe and amusement rotunda, which, laid out neatly by architect Pleydell-Bouverie, is all Lord Radnor, the owner of much of the sea-front, permits in the form of popular entertainments. From here west there is only a shingle beach, the so-called cliffs, tree and shrub festooned and raked with zig-zag paths, and, at the top of the cliffs, the broad expanse of green called the Leas. The vast bulk of the town is late nineteenth century. To cross the town from east to west is to traverse the architectural styles of the last hundred years, from very late Regency through miles of bow-fronted Victorian villas, forming streets of corrugated stucco, to the terra-cotta embellished magnificence of the Grand Hotel, most appropriately the Conference headquarters and the best place to dine in the town.

The Leas, and some of the roads and gardens, display in season the usual intricate, formal but garish carpets of flowers which delight most of the public and all park superintendents. The town's roads, public buildings, and housing come under the borough engineer, as do the very considerable sea-defence works. The borough engineer is a man of forthright views, but he respects the advice of his professional assistants, so that there is no cause for the friction between architect and engineer as so often found under this type of set-up. The photographs on the opposite page show typical work from the borough engineer's housing department.

For a town of over forty thousand inhabitants, there are remarkably few private architects. Certainly not enough to form any sort of local society. Perhaps the scarcity of architects has resulted in there being little competition between firms. At any rate, the result is that they are all on fairly friendly terms, a state which is not so easy to achieve as might be imagined.

*Left, the new workshop block of the Folkestone Technical College, designed by County Architect S. H. Loweth (see JOURNAL for April 2, 1953) and right, a factory for the London Knitwear Co., at Folkestone, designed by Troup & Steele, of London.*

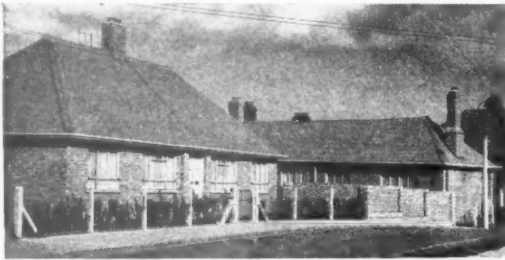
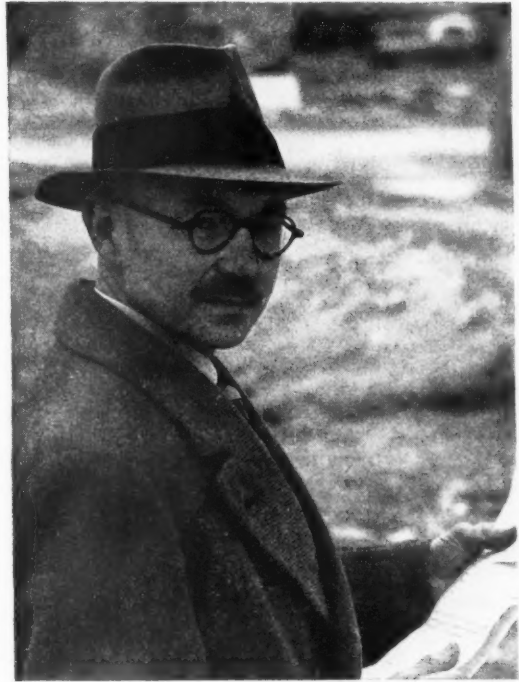


**E. L. ALLMAN**

borough engineer and surveyor in FOLKESTONE

**E. L. ALLMAN.**—For 21 years he has been Folkestone's engineer. Qualifying at Southampton University, he has worked all his life in south coast towns, first at Southampton and then Portsmouth, before moving to Folkestone. He served in the Royal Flying Corps in the 1914-18 war and with the R.E.'s in the last. Proud of his job, he abhors personal publicity and declined to be photographed.

**J. C. LOWE.**—The chief architectural assistant (shown right) to the borough engineer, he came to Folkestone as an assistant in '46, became chief the following year. For fifteen years he worked as an assistant architect to a private water company, the East Surrey, where he gained considerable experience and had a comparatively free hand designing pumping stations, office extensions and cottages for employees, built by direct labour. Married, he lives in the country and in his spare time is a photographer and woodworker.



*Five housing schemes designed by the Borough Engineer's Department. Left, single storey houses in Rossendale Road. Below left, houses at Biggins Wood which, owing to the subsoil, are on short-bored piles. Bottom left, housing at Creteway Down. Below and bottom, housing at Bridge Street and Horn Street.*







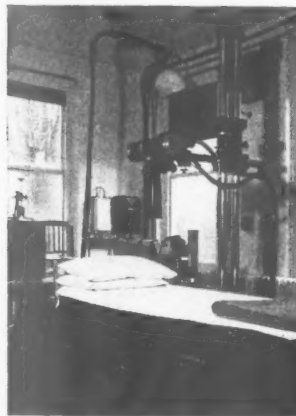
**JOHN L. SEATON DAHL.**—Knight of the Royal Order of St. Olaf and senior partner in the oldest architectural firm in Folkestone. Started by Bromley in 1870, Dahl joined in 1910. He went to the Liverpool school and worked in London before moving to Folkestone. He has three children of whom one architect-planner son works for the Derby Council. The firm specializes in crematoria (one at Charing and extensions to Golders Green) and has just completed extensions to the Royal Victoria Hospital, Folkestone. (Two views, of X-ray department and of the recreation room, above right, and right.)

**H. G. CADMAN.**—A pupil of Dahl's in 1923, he became a partner just after the war. During the war the office was closed, Dahl working for MOW and Cadman in the WD and in the R.E.'s. The office started again in 1946. He is married, with two children.



## DAHL AND CADMAN

architects in private practice in FOLKESTONE



## JACKSON AND JACKSON

architects in private practice in FOLKESTONE

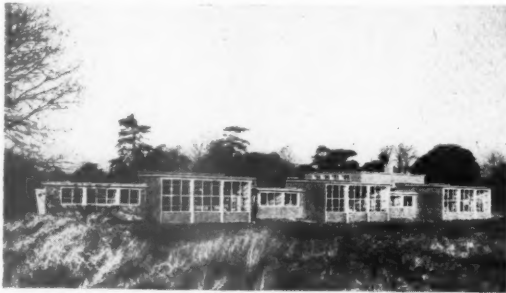
**J. E. JACKSON.**—The son of the founder of the firm, he is a man of charm and energy, two qualities eminently desirable for the position of Conference Secretary, which he now holds. He was articled to his father, Edwin A. Jackson (now aged 71 and on holiday in Canada), who started a practice in Ashford and eventually opened an offshoot in Folkestone which J. E. Jackson

*Garage at Dymchurch.*

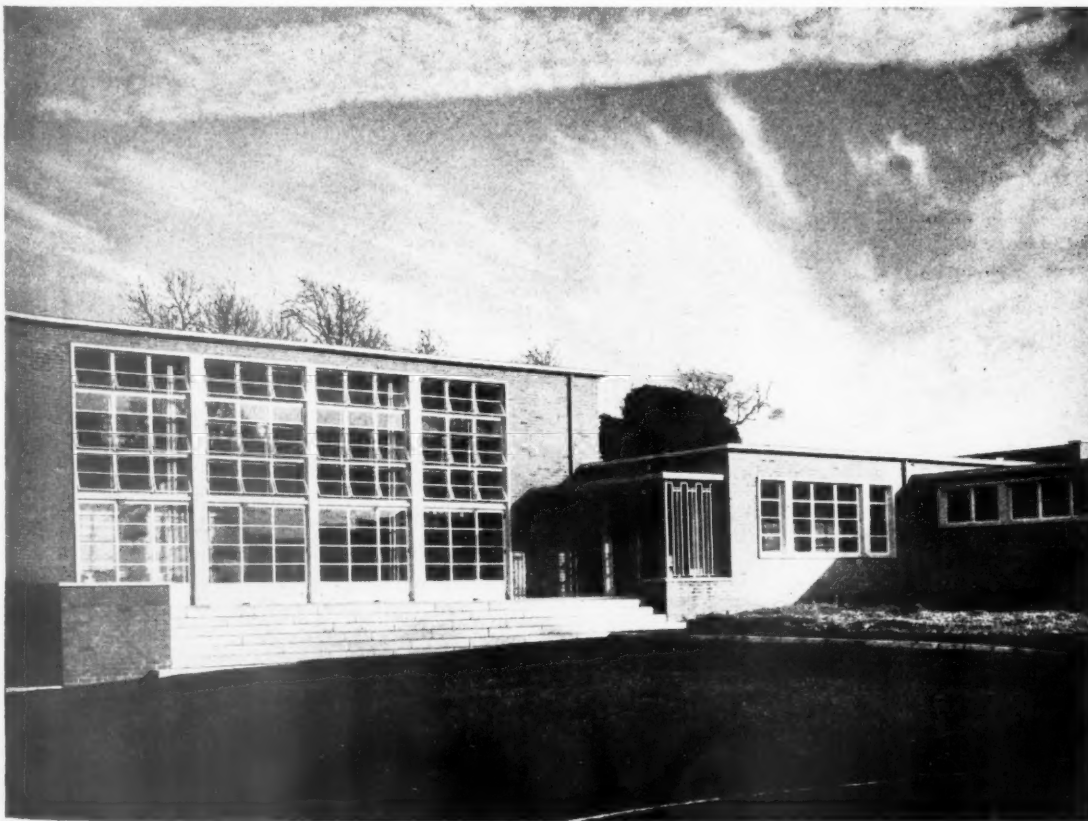




now manages. The Ashford practice is run by a third partner, T. W. Harrison. J. E. Jackson attended the Canterbury Design Club, under R. Goulburn Lovell, and qualified in 1938. In the army during the war he was first trained for radar before being commissioned in the R.E.'s. Exceptional job was the task of raising the Scott memorial in Plymouth six feet in order to lay a blast mat beneath it. Back in practice in 1945, he is now running, with his partner, a practice some thirteen strong, concentrating on hospital and domestic work. He is a Freemason and treasurer of the local architectural society. Married, with two children, he is a more conscientious gardener than the photographer, who shows him on the previous page, bottom, driving his fork amongst the daffodils, would have one suppose.



*Above right, bakery at Hythe, right, house at Sellindge. Above and below, two views of the county primary school at Willesborough near Ashford (illustrated in the JOURNAL of February 19, 1953).*



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**WILLAN,  
STEWART  
AND WAITE**

architects in private  
practice in FOLKESTONE,  
DOVER and CANTERBURY



**W. S. WILLAN.**—Started the practice, but now largely retired, and not in the photograph above, he lives outside Canterbury in a house of his own design.

**D. A. STEWART.**—Centre, above, was chief architectural assistant under E. L. Allman, the borough engineer, from 1937 until 1946, when he joined Willan. Born in Portsmouth, to which he eventually returned to work in the city engineer's office, he trained at the Bartlett School (1926-31) before going to America and Ireland. He is married, with three children, and has designed his own single-storey house at Lyminge, nearby, but rather wishes he hadn't as his mistakes are being continually brought home to him.



*Above, a county primary school at Nonington Aylesham. Below, the Holywell secondary school for girls, Folkestone.*



He enjoys sketching and making model ships and would rather have been a marine architect.

**KENNETH WAITE.**—Right, opposite page, a Yorkshireman, he was articled to a private architect and attended the York School of Art. In the infantry during the war, ending up as a major, on demobilization he went to the Kingston School of Architecture until qualifying in 1948. He married a Folkestone girl, who knew Stewart and thus established a contact which led to partnership in this extremely successful firm. Enjoying meetings and social functions, and living in a house he designed himself (right) in Folkestone, he is well qualified to administer the job of accommodation for the RIBA conference. (Also shown in the photograph opposite: Jack Tyrell, the senior assistant.)



*Above, Kenneth Waite's own house, in Cornwallis Avenue, Folkestone. Left, 3-storey flats in Folkestone.*

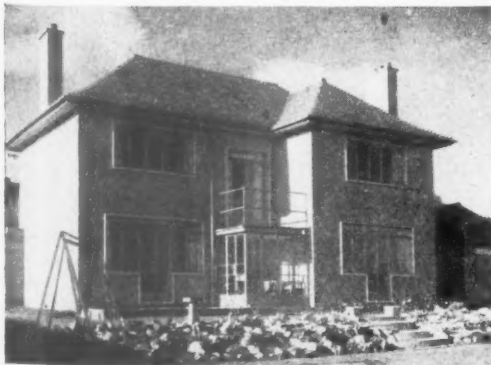


### C. P. GRIGGS

architect in private practice in FOLKESTONE

**CYRIL PERCY GRIGGS.**—A newcomer to Folkestone, he has only been in practice there for the past two years and a half. Always interested in architecture since a boy, he started at evening classes at the Regent Street Polytechnic on leaving school, before becoming articled to a firm of architects in London. He had not completed taking his Finals by 1939 when war started and he joined the army for six years, of which three were spent in Burma. After the War he worked with the MOW, taking a correspondence course to enable him to complete his finals. He then worked for a year with George Clay and Partners of Gravesend, before purchasing his present practice in Folkestone. He has designed a house for himself at Hythe which is near completion.

*Below, left, house at Seabrook Road, Hythe. Below right, shop in Cheriton Road, Folkestone.*



Many members will be travelling between Folkestone and Canterbury during the Conference. The next few pages show some of the features which can be seen along, or not far from, the main route. Also included are places to eat and drink. It is hoped that non-Conference

readers will forgive this lapse into the past and will glance sympathetically at this handful of buildings, none of which is without merit, and many of which will have disappeared before another Conference in Kent provides the opportunity of visiting them.

## WHAT TO SEE BETWEEN: FOLKESTONE AND CANTERBURY



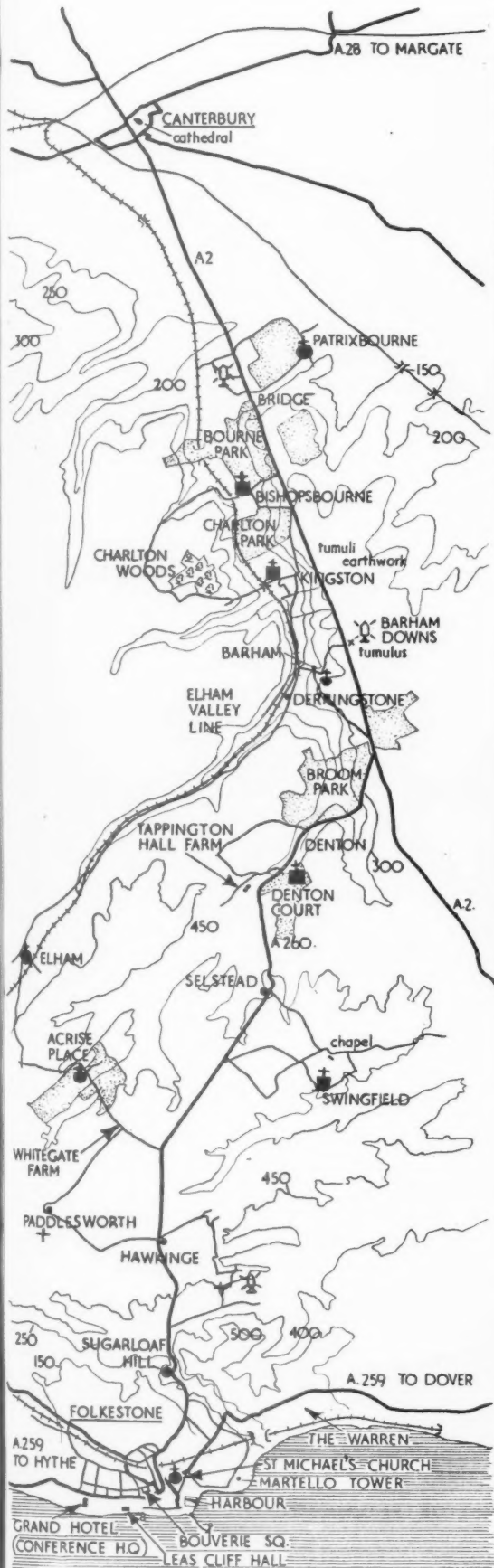
### Folkestone

The photographs of The Grand Hotel and The Leas on page 694 must serve to illustrate the Folkestone "west end." The view above shows the unfashionable quarter: the inner harbour of the fishing village from which the town grew. Just over the railway bridge can be seen the pitched roofs and gables of some pre-war housing of the thirties—a worthy effort on the part of the Borough Engineer to rehabilitate what was a slum quarter. Just through the arches of the bridge is A. Goddard's herring curing business, where he smokes anything from 2,000 to 20,000 fish per batch above an oakdust fire. If not too busy he will show visitors round and include for good measure a somewhat ancient photograph of a Merman. Below are three of Folkestone's more notable buildings. Left, the Rotunda, an elegant dome designed by architect David Pleydell-Bouverie and engineers

Helsby, Hamann and Samuely, and housing a most inelegant collection of amusement machines. It stands on the sea front and forms part of the popular section of owner Lord Radnor's otherwise disciplined seafront. Centre, part of Bouverie Square, one of the few formal bits of planning in Folkestone. The centre of the Square is to be filled with a two-storey bus station to be designed by Campbell Ashenden, the Canterbury architect. Right, St. Michael's church, designed by Bodley and Garner in 1884. It was decided last year to demolish it as, in the words of the Commissary Court, "there is not sufficient money for repairs or maintenance." It is unfortunate that, in a town singularly lacking in churches, or, indeed, any buildings, of architectural merit or interest, this particular church should be condemned.



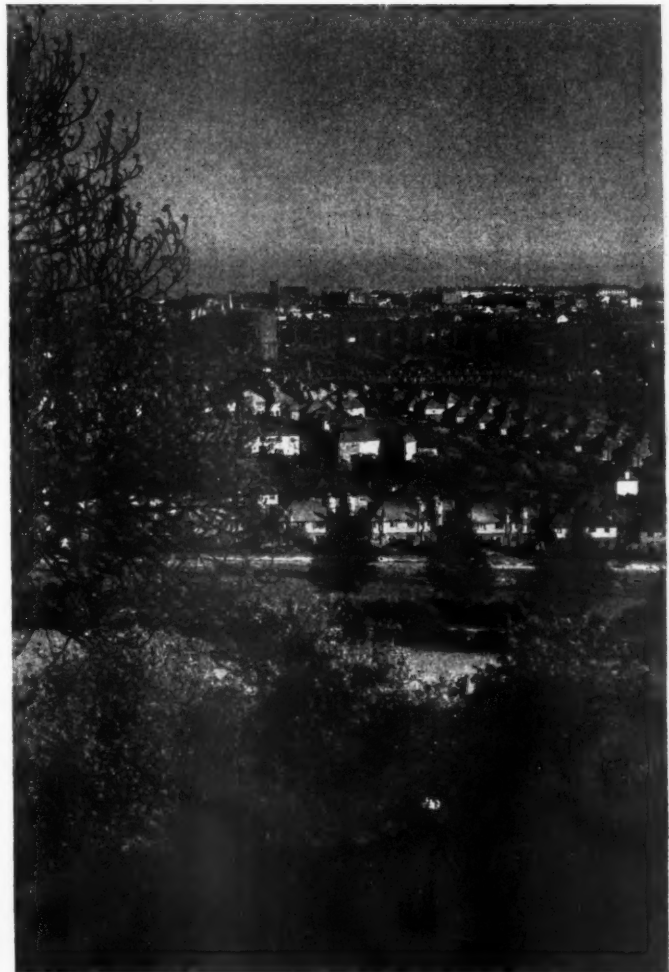




Plan of main road between Folkestone and Canterbury

**The Warren**

As an alternative to leaving Folkestone by the main Canterbury road, drive past East Cliff and up to the Warren, known by the locals, rather surprisingly, as Little Switzerland. The view above shows the less attractive aspect of it, a patch of allotments and accompanying shacks surrounded by the untidiest corrugated iron, barbed-wire-and-bedstead fence imaginable in an era of Town and Country Planning. Beyond is a Martello (anti-Napoleon) tower, one of the many still remaining. Designed to carry a gun on top, traversing on a circular iron rail round the perimeter, the roof slopes slightly to take up the recoil. Within are two floors; the upper was the garrison quarters and the lower was used for munitions and stores. If, on reaching Dover Road, one turns sharp left along Greteway Down, an extensive view over the town is obtained, of which the photograph below is typical. Note the magnificent viaduct.





### Sugarloaf Hill

Perhaps the most dramatic feature of the journey from Folkestone to Canterbury is the moment when the road rises and turns up the slopes of Sugarloaf Hill and past the sheep-raked downlands which run behind the town. The white scar, running across the face of the fields in the photograph above, is the conspicuous remains of a tank trap dug during the last war.

### Hawkinge

The country immediately inland from Folkestone is far from densely populated and the church shown below is the first of four illustrated in this article which stand in virtually total isolation amongst the fields and woods of this part of Kent. Hawkinge church, below, lies off the first right-hand turning from the main road at the bottom of Sugarloaf Hill. Go past Combe Farm, with its huge stone chimneys, and bear left. The church stands nearly hidden amongst a cluster of trees with an air of some meticulously drawn Victorian vignette. The church itself is a plain twelfth century Norman building which has been fairly heavily restored. Inside, on the north wall, are the Royal Arms of Queen Anne, painted on wood, but otherwise no monuments of interest. The church is heated by the huge iron stove shown below, reminiscent of John Piper sketches—it has a cast iron tortoise on its lid, and the words: "combustion slow but sure." The photograph opposite shows the construction: rough flints, with Kentish rag, and Caen stone dressings. . . .



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#### Hawkinge

... A second church, St. Luke's, was built in 1889 by the main road, and round it is the modern village of Hawkinge, a typical strip of which is shown below. Of the village by the old church virtually nothing remains except a cluster or two of farm buildings and a windmill, now so ruined as not to be worth inspection. Those anxious to avoid the scene shown below, and there are several more stretches on this route every bit as dreary, should go across the main road to...



... Paddlesworth. The immediate prospect on the other side: the litter of an aerodrome and RAF camp, and the stone spillikins of a cemetery are equally grim, but there are simple refreshments to be found at the Red Lion, Paddlesworth, and also the key to the church, reached through a field, and reputed, like so many others, to be the smallest in Kent.





#### Paddlesworth

Again, this church is partly Norman. Unlike Hawkinge Church, it is not completely obscured by trees, but nearly so. It is dedicated, surprisingly, to St Oswald of Northumbria. The south door, of which a detail is shown, has shafts and capitals of differing design on each side, a bit of naïveté in design which it would be hard to emulate, but typical of mediæval casualness. The interior, oil lit, of course, like all the churches in this area, and heated by the usual tortoise stove, is unplastered flint. The floor: red brick. From Paddlesworth, bear right, past the bungalow horrors in the neighbourhood of Whitegate Farm and go to Acrise.



#### Acrise

Acrise Place, below, is a private house, part Tudor and part Georgian. The former part can just be glimpsed from the tree-girt churchyard, and the latter from the road to Elham. Former owners have added clumsily to the building, and spoilt the stable wing but it is slowly being restored by A. H. Papillon the present owner. The twisted candlesticks, left, light the interior of Acrise church, right. The church has a small, dry-rot infected, wooden Georgian balcony and a fine seventeenth century memorial to the Papillons. A slimy, root-erupted asphalt path leads from the church, beneath a rookery, to the road which leads to Elham.





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**WORKING DETAIL**

**ROOFS AND CEILINGS: 10**

WORKSHOP ROOFLIGHT: TECHNICAL COLLEGE AT FOLKESTONE

*S. H. Lowe'h, Architect to the Kent County Council ; J. H. Garnham Wright, architect-in-charge ; W. A. Shirbon, executive assistant*

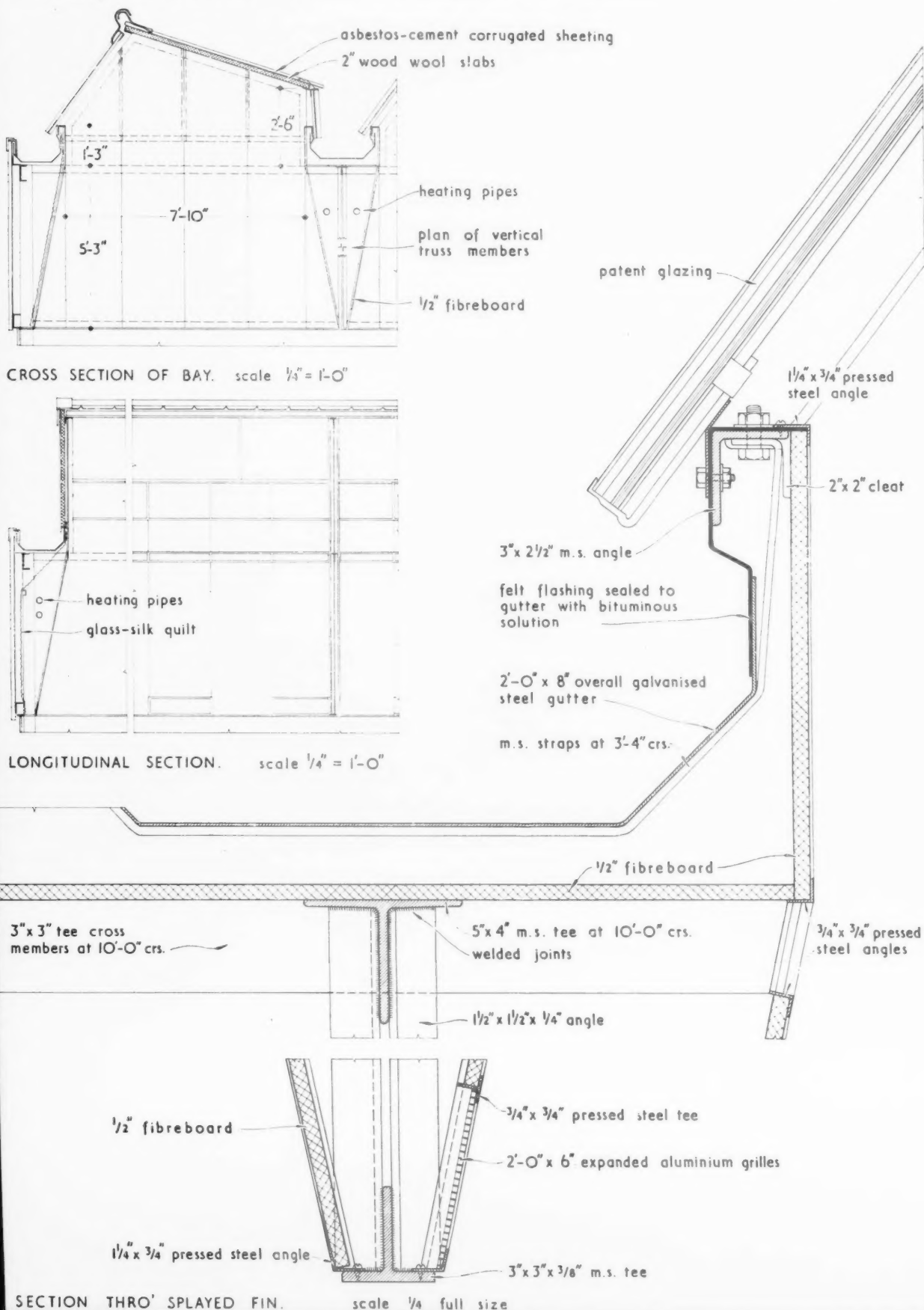


*The fibreboard sheathing of the roof structural members, which diffuses the glare from the rooflights, also conceals the heating pipes*

# WORKING DETAIL

WORKSHOP ROOFLIGHT: TECHNICAL COLLEGE AT FOLKESTONE

S. H. Lowe'h, Architect to the Kent County Council; J. H. Garnham Wright, architect-in-charge; W. A. Shirbon, executive assistant





## WORKING DETAIL

## WALLS AND PARTITIONS : 7

GLAZED WALL : TECHNICAL COLLEGE AT FOLKESTONE

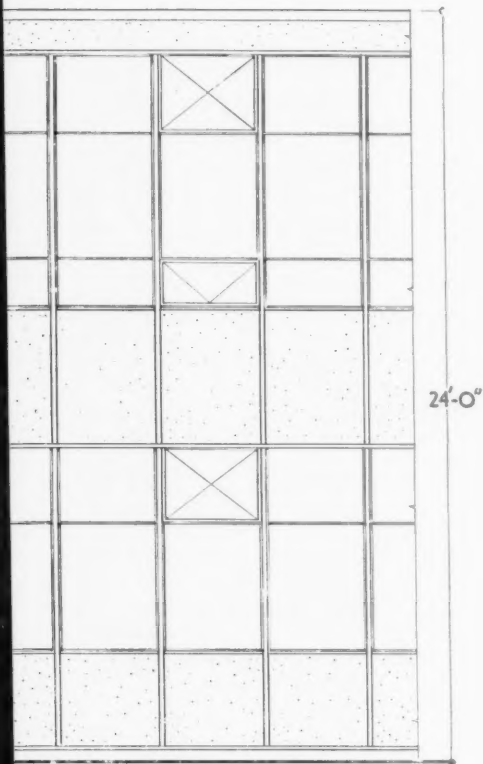
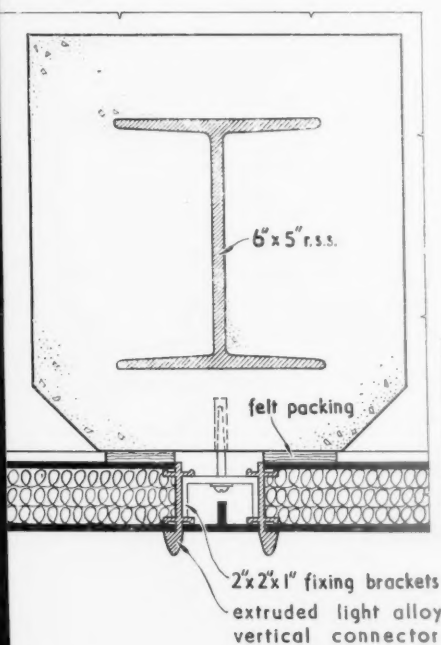
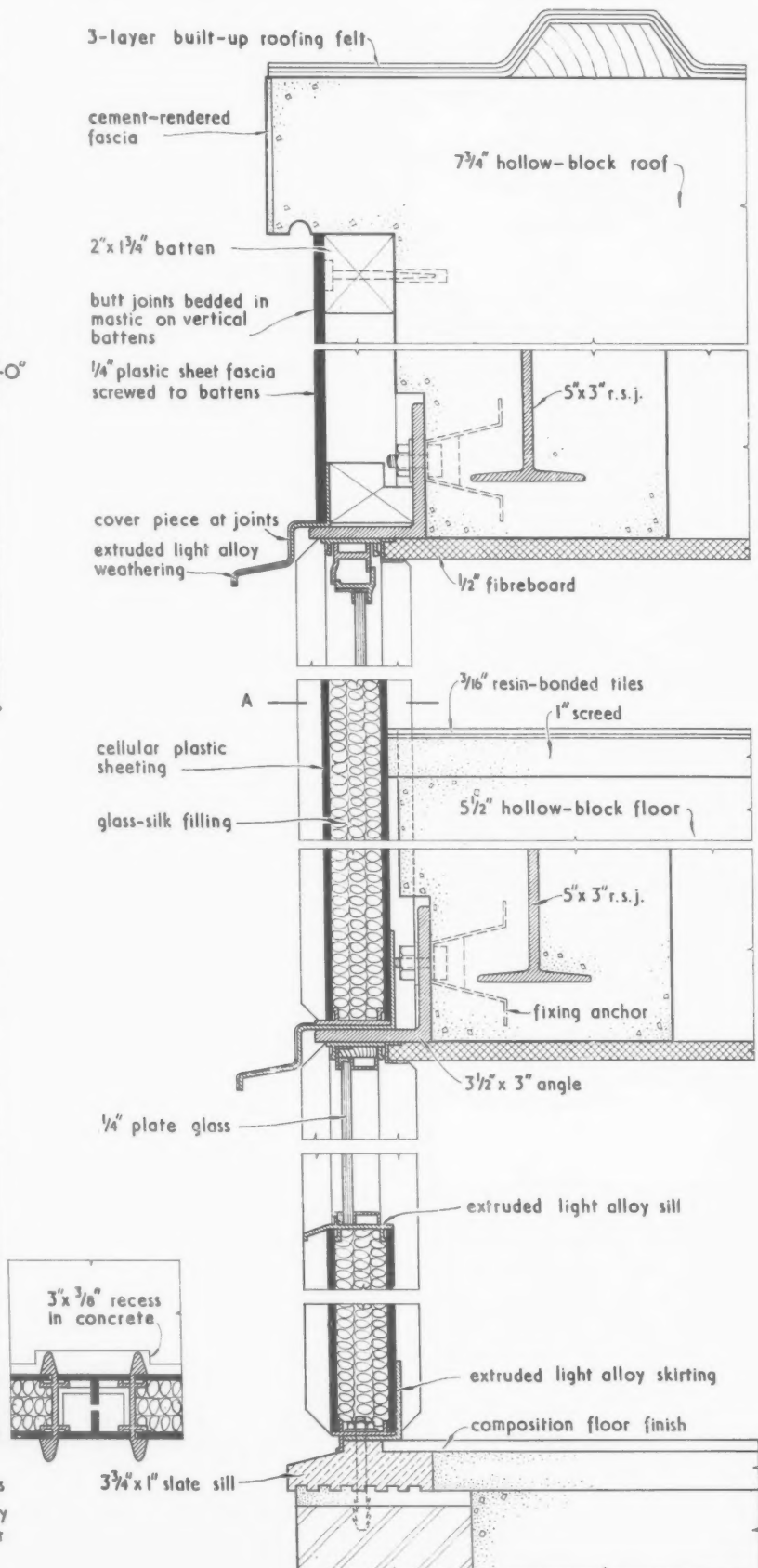
*S. H. Loweth, Architect to the Kent County Council ; J. H. Garnham Wright, architect-in-charge ; W. A. Shirbom, executive assistant*



*Pairs of light alloy connectors form the mullions which run the full height of the wall and support the plastic infilling panels and windows*

**WORKING DETAIL**

GLAZED WALL: TECHNICAL COLLEGE AT FOLKESTONE

*S. H. Loweth, Architect to the Kent County Council; J. H. Garnham Wright, architect-in-charge; W. A. Shirbon, executive assistant***WALLS AND PARTITIONS : 7**PLAN AND ELEVATION OF CURTAIN WALL. scale  $\frac{3}{16}'' = 1'-0''$ PLAN AT A. scale  $\frac{1}{4}$  full sizeSECTION THRO' WALL. scale  $\frac{1}{4}$  full size



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**Elham**

Elham is rather far from the main road, but worth a visit if you wish to have lunch or tea on the way to Canterbury at the Abbots Fireside (extreme right). It's very olde-worlde, but partly because it cannot help being its age. The food is good and not expensive. Carved figures, with the concomitant crudities, adorn the eaves. Close to the cafe is a tile-hung garage (right), designed by architect John Conrad, of Canterbury. The church is large, with a fine roof and outside is a pleasant three-sided place of houses and shops in the best English manner. One of the stained glass windows has portraits of Gladstone and Disraeli, and of Carlyle in the guise of Saul. It was designed, needless to say, by a brother of a former vicar.

**Swingfield**

From Elham a narrow lane over the river Nailbourne, of spasmodic flow, and over the railway line, now of no flow at all (it may yet become, without tracks, a new pedestrian pilgrim's way from Folkestone to Canterbury) leads across a second valley back to the main road at Swingfield Minnis (or commonland). A mile to the east is Swingfield Church, the last of the churches to stand virtually in isolation in this small area of Kent. It does not stand quite alone. Two or three cottages and a smithy complete the group. The church tower, shown in detail, right, is another example of random construction. Part brick, part dressed stone, part flint, part ragstone blocks, it nevertheless has an attractive texture and colour, and the corner buttresses and the prominent external circular staircase increases its apparent breadth considerably. The church was extensively restored in the '70's, when the fourteenth-century font was removed. It was eventually recovered from a private garden in 1914. . . . .



. . . Nearby is an ivy-covered building, left, marked "Chapel" on the map, part stone, part hanging-tile. According to the Rev. J. Howard Brown, whose extremely informative notes are for sale not only here but also in the other churches mentioned, it is the chapel of the Preceptory of the Knights of St. John. It is a thirteenth century building, of flint, and until the war, surrounded by farm buildings which were burnt down by incendiaries. A first floor has at some time been inserted in the chapel, and the whole building is still lived in, albeit uncomfortably. There is a fourteenth century entrance porch, with groined roof and room above, and a crypt under the chapel. A more damp, derelict, depressing home for anyone to live in would be hard to discover. Nevertheless, for anyone with a little imagination and unlimited resources the building sets a fascinating problem of repair and conversion—which is an added reason why architects should visit it.



#### Selstead

Back on the main road to Canterbury is Selstead, a village of no special character except for two very decrepit thatched cottages, of which one is shown above left. They are typical examples of a type of building which, seen in cold blood, has little quality of design in it, but only the virtue of old age.

#### Denton

A mile beyond Selstead the road rounds a right-hand bend on the spur of a hill, and in the valley, close below, set out like a model replica of a Tudor farm, is Tappington Hall Farm, centre above, still described by some as the Tappington Hall of the Rev. Richard Barham's Ingoldsby Legends. Certainly the Rev. Barham describes much of the country around in his heavy-humoured novels—Tappington Moor is almost certainly Barham Downs, but does the building above fit his description, or does the house left, Broome Park, more nearly fill the bill? The Rev. Barham writes: "On reaching the summit of a hill and if among the hanging woods they cannot distinguish an antiquated manor house, with its gable ends, stone stanchions and tortuous chimneys, why, the sooner they procure a pair of Dolland's patent spectacles the better." The controversy can be continued in the Red Lion, above right, at Denton, where Mr. Copson, the innkeeper, will knock up a lunch or tea as well. Opposite the pub is a pleasant cottage, left centre, with an elaborate doorcase coming as a faint surprise in so rural an area. If a more elaborate meal is wanted, or even accommodation for the night, try (it's best to 'phone in advance, though—Barham 229) Broome Park, left. Built between 1635-8 it comes into the comparatively rare group of early seventeenth-century houses. Before the 1914-18 war it was bought by Lord Kitchener, who largely gutted the interior, but had the grace to leave the James Wyatt room. The wonderfully ornate doorknocker is only matched by the stupendous Edwardian vitality of the pseudo-Tudor interior. The south side of the park is attractively landscaped, though significantly lacking in young trees. Guernsey cows in the sweeping valley before the house, and a flint, gothic-windowed steward's house by the drive on the edge of the wood set the key for a dark drive through decaying woods to the house, or more accurately country club and hotel.

Finally, again hidden by trees on the east of the main road, and just before Denton is Denton Church, once again, approached across a field and smelling of damp. A heavy topiary giraffe stands sullenly amongst the shrubbery which surrounds depressing Denton Court, a red-brick Victorian building next door to the church.

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## Barham

Just beyond Broome Park a road forks left to Barham. At this point there stands and lies a most unsightly mass, right, of bungalow, sheds, agricultural implements and scrap iron. An ill-laid-out conglomeration of industrialism seemingly defying the elementary principles of town planning. However necessary its position in the landscape, the lack of care in detailing and in screen-planting makes a mockery of attempts to preserve, far less increase, the beauties of the countryside. . . .



. . . To continue along the main road over Barham Downs provides an excellent vantage point to see the Elham Valley. To the east is Barham Mill, left, one of Kent's three surviving windmills in working order. Even so, it has only two sweeps, but the enlightened owner occasionally allows it to run. It was built in 1854 by John Holman of Canterbury. Barham village, below, is built on a hillside, as are so many of these Kentish villages (was the value of level agricultural land so much higher in the days these villages were built than the cost of building on sloping ground?). The pitched roofs and the large trees which surround them marry neatly together in a manner lost to contemporary village- and town-scapists, save, perhaps, by the faint-hearted course of plagiarism. A copper beech, and a steep copper-green steeple provide a focal point. On the outskirts are the usual bungalows.







# Barham

The village street, which runs and twists uphill to the church, contains several simple, brick, country Georgian houses. Illustrated at the bottom of the page is Barham Court, the fine house which stands beside the church at the top of the village street. The original house was owned by Sir Randal Fitzurse, one of the four knights who murdered Thomas & ...



... Beckett. No architect is known for the present building, which was built before 1735, but it bears a close resemblance to Bourne Park nearby (see page 710). Sir Edwin Lutyens added the wing in the foreground, and recently the house has been converted into flats by L. R. Barlow (see page 719). However, if the interior has been lost, the external appearance has been fairly satisfactorily retained. Barham Church is well lit and spacious inside, and contains a memorial, left, to a Dixwell of



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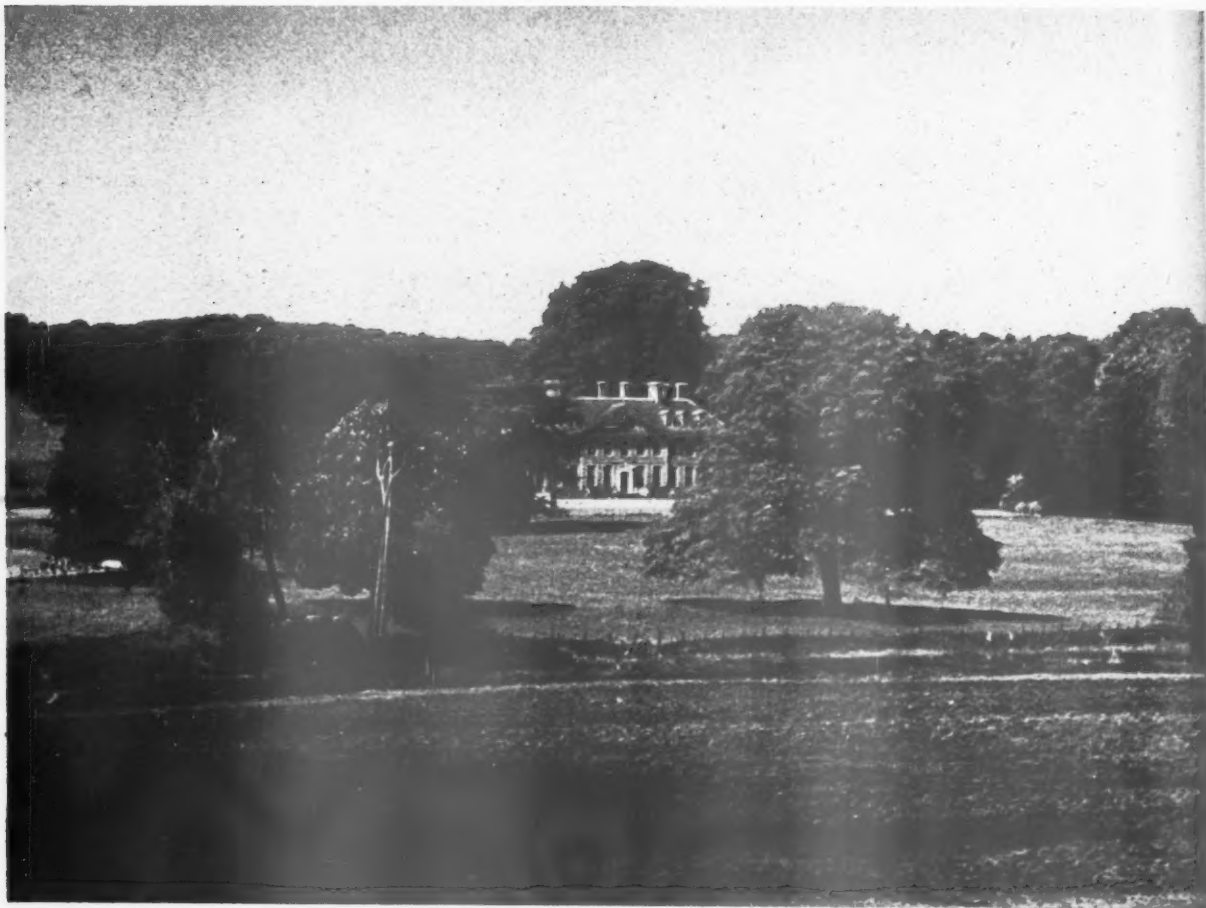


Broome Park, dated 1750, and of a more ornate nature than normally found in these East-Kent churches. The photo, opposite page, of the gable walls of two cottages serves as an exaggerated example of how byelaws limit design. Such a layout is forbidden today—the cottages are only twelve feet apart—but there are no windows in the rear wall of the nearest cottage, so privacy is ensured, and by turning the cottages at right angles to the street the noise of the occasional road traffic is avoided. The idea is not perfect, but it is calculated to make one think.

#### Charlton Woods

The views from the top of Barham Downs, above, are of a high standard, part farmland, part parkland and part woodland. In the last two instances it is significant to notice how high a proportion of the trees are fully grown or past their prime, significant pointers to a great change in the landscape in a few decades. The cottage on the right, right, is only one of several which mark the entrances to the large estates.





#### Bourne Park

Another attractive village on a hill side, with the usual bungalow growth, is Kingston, but close inspection reveals little more than can be seen from the main road (save for the Black Robin pub, named after a particularly unsavoury

highwayman). The next village is Bishopsbourne, where the sixteenth century theologian Richard Hooker was rector when writing his well-known Ecclesiastical Polity—a defence of the Church against the Puritans. There is

a window in the church by Burne-Jones and William Morris, and the knapped flintwork of the exterior is very fine, but both the church and the surrounding houses are much restored. Next to Bishopsbourne is Bourne Park, above, larger than, but similar to, Barham Court, with a wide pediment over five windows and a trio of attic lights within. The house is the property of Sir John Prestige, who is at present moving from it to a smaller house. The park trees and the ornamental water are both nearing, if not past, their prime, being set out by W. A. Nesfield and a past owner, during the mid-nineteenth century. The original architect of the house is unknown. The present owner has taken pains to remove Victorian alterations and restore the house to its original state. It is worth taking a slight detour off the main road to see the old bridge and the waterfall, and the house in its setting.



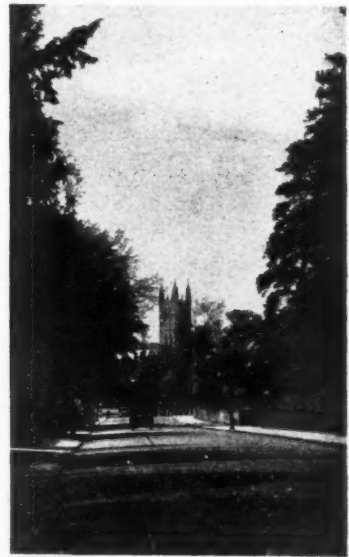
#### Patricbourne

The village of Bridge is on the main road and just the other side of it is Bifrons Park, with its





Cottage or lodges (bottom, opposite page) and the Victorian Gothic village of Patricbourne. The church, with two elaborate Norman doorways, left, and, concealed by yew trees, in the smaller photograph, above, is worth a visit. On rejoining the main road, look out for a 1930-vintage house reputed to be by a well-known architectural columnist. After Patricbourne, the main road goes through half a mile of orchards, a most impressive sight in spring time and then, suddenly, the towers of the cathedral rise above the crest of the road. The road is centred on the Bell Harry tower until within a few hundred yards of the city walls, when the road bends west and continues through the town as St. George's Street and the High Street. . . .



. . . When it emerges from under the West Gate, left, it is renamed St. Dunstan's Street, and it passes the Falstaff Hotel, quite the best place to eat in Canterbury, and a suitable place to end this short tour. There is no space to note here all that there is to find in this city.





*We have shown the Folkestone architects, and some of their recent work, and we have illustrated some of the places of interest on the road from Folkestone to Canterbury. In conclusion, we show the Canterbury architects and their designs and describe some of the hard-working architects not resident in either town who have taken on the many arduous tasks connected with the organization of a Conference. The photograph, left, is of the entrance to St. Augustine's Abbey, the scene of the Conference garden party.*

## THE ARCHITECT IN CANTERBURY

CANTERBURY, to the architect, is a unique town. Not merely in the obvious way, on account of its historic architectural riches, but because it is a county borough with that rare distinguishing factor, a city architect, Hugh Wilson, who is also the city planning officer. It is also a very small county borough, and today smallness is not only rare, but a great asset when it comes to planning the future physical environment of human beings. Again, it has an architectural school, albeit unrecognized, giving a five-year course of study. So the town always has a nucleus of lively architecturally-enlightened minds, both students and staff, who, even if not permanent residents, do help to create a progressive viewpoint amongst the public as regards design and planning. Head of the school is Robert Paine, who has built it up from relatively lowly beginnings. He is also the President of the South-Eastern Society of Architects, who are the hosts of this year's RIBA conference.

Hugh Wilson and Robert Paine, both as architects and as men, are, in their own quiet ways, out of the common run. Put together, in the small city of Canterbury, they provide a combination of talent in both public and private architectural fields which will stand the city in good stead in the future of its planning, and which may make it second to none in the history of controlled development, despite the very active opposition of the anti-planners. It may seem invidious to mention in this brief introduction only two architects in this city. Such a viewpoint would not be shared by the other architects in practice in Canterbury who would be the first to acknowledge the city's good fortune in having two such capable men in such responsible positions.



*Two views of a students' evening at the Canterbury School of Architecture in which the prizes of the Canterbury Chapter of the South-Eastern Society of Architects were awarded and the students' schemes criticized. Left, Society member J. A. Clay, criticizing students' sketches. Below, a very intimate scene in the students' play which, together with food and drink, followed the formal criticism.*



*Right, a designed JOURNAL new store designed shops are*

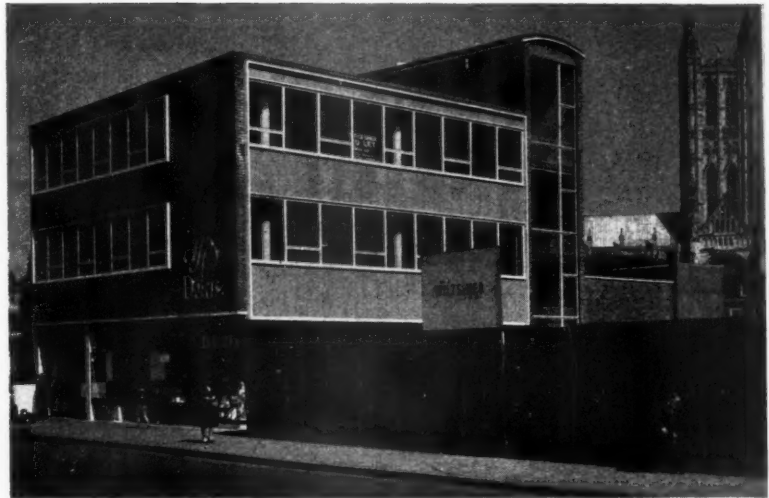


Left, eight shops in St. George's Street, Canterbury, designed for Messrs. Ravenscroft Properties, Ltd., by Ardin & Robbins. Below, the rear of the shops.

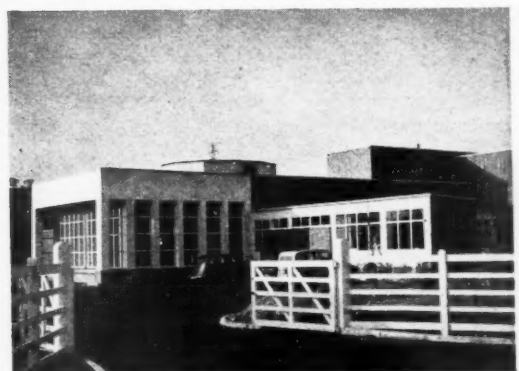


Right, a general view of the Dolcis shoe shop, designed by Ellis E. Somake (illustrated in the JOURNAL of April 9, 1953) and, below, a new store for F. W. Woolworth & Co., Ltd., designed by the company's staff architect. Both shops are in St. George's Street.

## NEW BUILDINGS IN CANTERBURY



Left, a view of Burgate Street, with, on the left, the arcades of the new shops and flats designed by Denman & Son. Below, a view of the new abattoir on the outskirts of the City, designed by the architects department of the MOW.





## ROBERT PAINE & PARTNERS

architects in private practice in CANTERBURY

**ROBERT PAINE.**—(left in photograph)—is the Chairman of the Executive Committee of the RIBA Conference and is also responsible for producing the Conference handbook. It would be hard to find a man better suited for both roles. Keenly interested in architectural, and indeed, all history, and a first-rate organizer, the rapidly rising reputation of his newly-formed School of Architecture is adequate proof of his powers. The youngest member of the South Eastern Society of Architects ever to become President, he is on the RIBA Council and is also in private practice. He has studied marine engineering at Vickers-Armstrong, design and oil painting (which he still pursues) at the Royal College of Art, and architecture at the Regent Street Polytechnic (qualifying in 1944). He is now head of the Architectural School in the Canterbury College of Art.

**MICHAEL R. CRUX.**—As yet not qualified (he has not completed his thesis)—he teaches

at the School of Architecture and plans shortly to build, with student, and his own, labour, his own house. He used to attend the Rochester School of Art, but when Robert Paine moved to Canterbury, Crux followed. He is seen, centre, above, discussing with his partners their proposals for a shop for David Greig's to go alongside the Woolworth's building in St. George's Street. A detail of their proposals is shown above, left. (Third in the photograph above is

with another architect and is referred to below.)

**PATRICK BROWN.**—Absent from photograph above, he, like the other two partners is also an ex-student of Robert Paine's. He, too, teaches at the Canterbury School, and is also Secretary of the newly-founded Canterbury Society (a society formed for the protection and care of Canterbury buildings). He is interested in photography and music and avoids smoking and drinking and other worldly pleasures in order to buy books; loathes suburbia.



## L. F. RICHARDS AND C. W. H. WRIGHT

architects in private practice in CANTERBURY

**L. F. RICHARDS.**—Went into partnership with Wright in order to work on Guildford Civic Hall competition, which they won (see perspective below).

L. F. Richards (right, in photograph) comes from a Somerset family of builders; he qualified in 1931 from the Welsh School of Architecture, Cardiff. He





*House at Folkestone, designed by C. W. H. Wright.*

studied town planning at Liverpool and has taught there and at the Northern Polytechnic, as well as at Canterbury. Married, he lives near Godmersham in a fifteenth-century timber framed farmhouse which he has largely rebuilt.

**C. W. H. WRIGHT.**—Married and with a daughter eight years old, he qualified the day he won the Guildford Civic Hall Competition. Before the war he worked for a firm of contractors in Folkestone. Then followed service in the R.A.F. before entering the Canterbury School on a government grant. He is also a partner of Robert Paine and Partners.



## L. H. WILSON

City Architect and Town Planning Officer for  
CANTERBURY

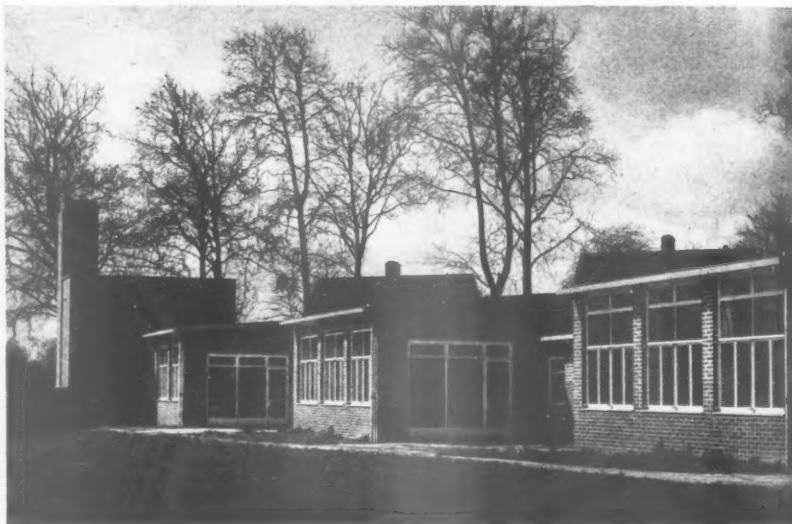
**L. H. WILSON.**— Few architect/planners have met bitter opposition so calmly, firmly and, it is not too early to say, so successfully; he was recently awarded the OBE. A Londoner by birth, he qualified from the Regent Street Polytechnic in 1934. In 1939, after working in private offices, he went to Canterbury as chief architectural assistant to the borough engineer. When Doctor Holden prepared the Canterbury Plan, Wilson assisted him and, on qualifying as a town planner, became the Town Planning Assistant in 1943. In 1945 he became City Architect, on the creation of a separate department, and in 1947 was appointed Planning Officer. He has held this joint



*Above and left, three views of the new housing estate off the London Road at Canterbury. The single-storey buildings are for old people. Below and bottom, two views of the Hackington County Primary School.*

# L. H. WILSON (Continued)

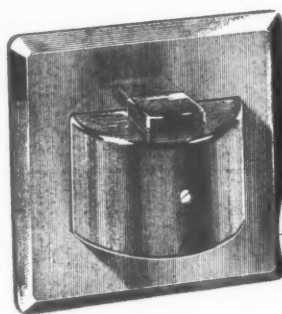
appointment since that date. He is married, with three children. Asked his hobbies, he replied that he has little time for anything but architecture. For the Conference he is in charge of the four exhibitions which are being prepared. He is shown, on right, on page 715, with his deputy, C. W. Gummer.





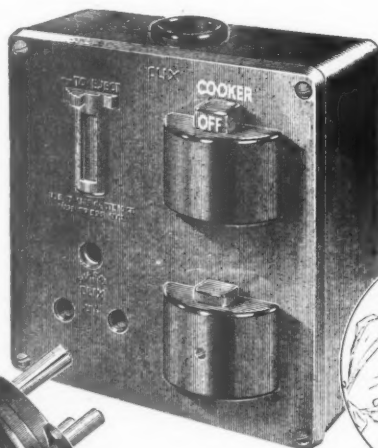
# SWITCHING

## around the house



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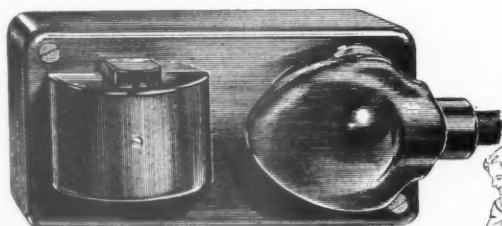


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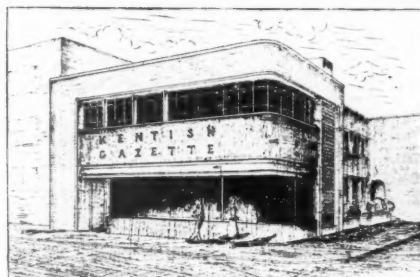
Tib. 37



## H. CAMPBELL ASHENDEN

architect in private practice in CANTERBURY

**H. CAMPBELL ASHENDEN.**—The senior architect and head of the oldest firm in Canterbury (he and his father have done 100 years' practice in the city between them). He works in Watling Street in an old Georgian house which has the remains of a Roman amphitheatre in the cellar. During the last war he kept the local architectural society going with the help of H. Anderson, and was a head warden during blitz. He had plenty to do, with very little assistance, during the war years—notably war damage claims (over 1,000 of them). He is now engaged in designing 'bus stations in Canterbury and Folkestone for the East Kent Bus Co. He recently completed a head office for Vye & Sons, grocers, in Ramsgate, shown above right, and has designed new offices for the Kentish Gazette, right. Married, and his daughter has spent three years at the Canterbury School of Architecture but she is now leaving in order to marry. Right, above, is J. Clark, his senior assistant, who joined the firm in 1933.



## DORE AND ANDERSON

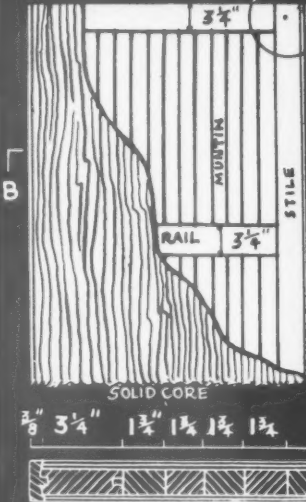
architects in private practice in CANTERBURY

**H. ANDERSON.**—One of the founder members of the Canterbury Chapter, H. Anderson is a Scot by birth, arriving in Canterbury via London, in 1920. Doré, who also came from the north, died in 1923, and Anderson carried on alone. He is Surveyor to the Fabric of the Cathedral, and also takes a close interest in local affairs, being chairman of his parish council and a member of the rural district council. He is associated with the arrangements for the Conference Inaugural Meeting which is to be held in the Chapter House of the Cathedral, and with the short service to be held on the afternoon of the first day.



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### ANTHONY W. SWAINE

architects in private practice in CANTERBURY

**ANTHONY W. SWAINE.**—Specializing in restorations, of houses and churches, he has been in practice since 1944. He started by attending a three-year course in general drawing at the Thanet School of Art, Margate, before entering an architect's office in Ramsgate. Later he came to Canterbury to work for Dore and Anderson, and finally he joined the staff of the Dean and Chapter to work

in an architectural capacity. Interested in archaeology, and a frequent traveller abroad, fond of sketching, swimming and music, he is also chairman of the Canterbury Citizens' Association, a body of citizens who have views upon wholesale unnecessary compulsory purchase. Above, a farmhouse at Blean, a recent design, and above left, Stonerocks farm which he has restored.

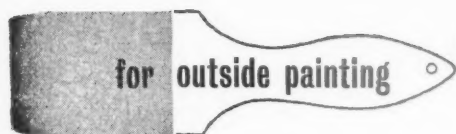
### JOHN CONRAD

architect in private practice in CANTERBURY



**JOHN CONRAD.**—Originally started to take an engineering degree at Cambridge, but had to give it up and went to the AA and then to W. S. Willan as an articled pupil. He then went to T. F. W. Grant, in Guildford, where he did a great deal of actual work on the site, an experience which he has found of great use subsequently in getting his designs carried out to his satisfaction. He has designed his own house at Broome Park but his great interest is in repairs and restorations, as right, a new stair in Littlebourne Court, Wingham. He has his own workshop in which he does wood and metal work. Like his father, author Joseph Conrad, he is a keen sailor, and wants to build his own boat. He was taught to sail by an old sailor who had been mate on his father's ship.





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### DUDLEY MARSH, SON AND PARTNER

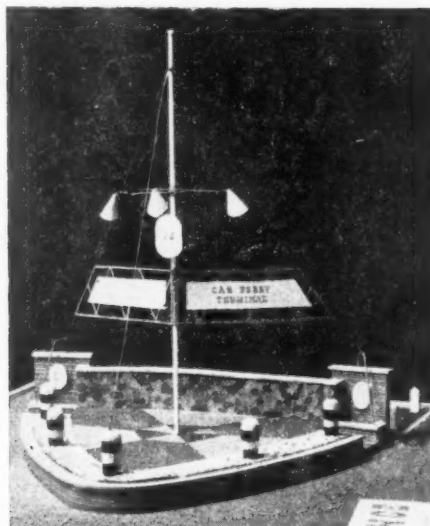
architects in private practice in CANTERBURY

*Top, proposed entrance feature to the new car-ferry terminal at Dover Harbour. Centre, a house at Castle Avenue. Bottom, the canteen of a seaman's Residential Club at Dover.*

**DUDLEY G. MARSH.** (centre, above)—Articled 1912, and architectural assistant in Winnipeg, Canada from 1912 to 1914. Served in army in World War I and then practised in Chancery Lane, London, from 1920 until 1939. He then rejoined the army, becoming Assistant Supervising Valuer (Dilapidations) War Office for Kent County. He resumed practice in 1946 at Herne Bay and changed to Canterbury 1950 when accommodation became available. Last year took into partnership:

**PETER D. MARSH.** (left, above).—Went from Hurstpierpoint to Edinburgh University and then, after two years in the Royal Navy, from 1947 to 1952 to the Canterbury School of Architecture, where he met:

**DONALD W. STEVENS.**—Born in Montreal, Canada, of English parents, who qualified this year at the age of 22.



**L. R. BARLOW.**—Included in this survey of architects, because he is the public relations officer for the Conference. He teaches at the Canterbury School, of which he is an ex-student. His father and grandfather were both builders, but he became articled to Campbell Ashenden taking his finals in 1943, while in the R.E.'s. During the war he rose to the rank of Major, winning the Croix de Guerre and the Order of Leopold II. A keen and efficient organizer, he has arranged several trips abroad for students at extremely economical rates, i.e., two weeks in Holland for £8 5s. od., including all travelling expenses. Amongst recent work is a bar for a U.S.A.F. Club at Manston, see right, and the conversion of Barham Court (see page 710) into flats.

### L. R. BARLOW

architect in private practice in SANDWICH



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**R. M. MESSENGER**

architect in private practice in HERNE BAY

**R. M. MESSENGER.**—In charge of the tours section of the Conference, and secretary of the Canterbury Chapter of the South Eastern Society of Architects. He trained at the AA in 1930-34, becoming a partner in his father's practice in 1936. On his father's death in the following year, Messenger took over the practice. During the war, in which he served in the R.E.'s, the office was closed, but he re-opened the practice on his release. He is a keen badminton player.

**G. I. CLAY**

architect in private practice in GRAVESSEND and ROCHESTER

**G. I. CLAY.**—In charge of the Conference Banquet, he is also Chairman of the Canterbury Chapter of the South Eastern Society of Architects. His father started the practice fifty years ago; the Rochester branch is run by his young brother, J. A. Clay. G. I. Clay is secretary of the Gravesend Rotary Club, and for relaxation plays golf and does landscape gardening, which, he says, are not related in any way.

**Buildings Illustrated**

*Housing in Horn Street, Rosendale Road, Bridge Street, Biggins Wood, Creteaway Down, Folkestone.* (Page 695.) Architect: E. L. Allman, A.M.I.C.E., A.M.I.MECH.E., Borough Engineer. Builders: C. Jenner & Son Ltd., S. J. Clark (Folkestone) Ltd., O. Marx & Son Ltd., Hayward & Paramor Ltd., George Stone (Folkestone) Ltd., R. P. Davis, S. A. Rye Ltd., S. Vant & Son, R. J. Barwick, W. Dunk Ltd., S. M. Lummus, R. Webster, F. W. Clark & Sons.

*Folkestone Technical College, New Workshop Block for the Kent Education Committee.* (Page 695.) Architect: S. H. Loweth, F.S.A., F.R.I.B.A. County Architect: R. Tilsley Green, F.R.I.B.A. Deputy County Architect: R. L. Passmore, A.R.I.B.A. Principal Assistant Architect Schools Group One, under the supervision of J. H. Gurnham Wright, A.R.I.B.A., DIP.L. ARCH. assisted by G. G. Grylls, A.R.I.B.A., L. B. Matthews, A.R.I.B.A., and W. A. Shirbon, A.R.I.B.A. (executive assistant for the contract). Consultants (Structural): Malcolm Glover & Partners; (Services) J. Stinton Jones & Partners. Quantity Surveyors: D. R. Nolas & Co. General contractor: O. Marx & Son Ltd. Sub-contractors: bricks, Sussex & Dorking United Brick Companies Ltd., Ryarsh Brick & Sand Co.; suspended ceilings and fms.: Merchant Trading Co. Ltd.; structural steel, T. W. Palmer & Co. (Merton Abbey) Ltd.; fireproof construction, Smiths Fireproof floors by R. Corben & Son Ltd.; asbestos cement roofing, Turners Asbestos Cement Co.; asbestos cement vertical sheeting, Universal Asbestos Manufacturing Co. Ltd.; special roofings, Stramit Board Co. Ltd.; roofing felt, Permanite Ltd.; prefabricated curtain walls and internal partitions, Holoplast Ltd.; patent glazing, Williams & Williams Ltd.; resin tile flooring, Marley Tile Co. Ltd.; steel gutters, Lloyd Lawrence Ltd.; unit heaters, C. A. Dunham & Co. Ltd.; gas fixtures, gas fitting and boilers, G. N. Haden & Sons; electric wiring and electric light fixtures, Troughton & Young Ltd.; ventilators, W. H. Colt (London) Ltd.; plumbing, Alfred Olby Ltd.; sanitary fittings, J. Bolding & Sons Ltd.; rooflights, Lencroft Ltd.; rolling shutters, Haskins Roller Shutters; w.c. cubicles, Venesta Ltd.; cloakroom fittings, Cloakroom Equipment Ltd.

*Factory for London Knitwear Company, Folkestone.* (Page 695.) Architects: Troup & Steele, F.R.I.B.A. General contractor: O. Marx & Son Ltd. Sub-contractors: R.C. design, Barrel Vault Roofs (Design) Ltd.; concretors, Stuart's Granolithic Co. Ltd.; plumbers, W. H. Gascoigne & Co. Ltd.; partitions and canteen equipment, Rowe Bros.; roofing felt, D. Anderson & Son Ltd.; top light, Mellowes & Co. Ltd.; windows, W. James & Co. Ltd.; metal door frames, Morris-Singer Co. Ltd.; doors, Drydene Joinery Co.; ironwork, H. & C. Davis & Co. Ltd.; floor finish, Jaconello Ltd.; electrical, Drake & Gorham Ltd.; sanitary fittings, William E. Farrer Ltd.; racking, Acrow (Engineers) Ltd.

*Royal Victoria Hospital, Folkestone, X-Ray Department.* (Page 696.) Architects: Dahl & Cadman, F.A.R.I.B.A. Quantity surveyors: Sharnbrook & Partners. Consulting engineers: M. G. Bland & Son. General contractors: S. J. Sharp Ltd. Sub-contractors: electrical, W. Steward & Co.; heating, G. N. Haden & Sons w.c.s, Olby & Co.; surgeons basins, Bolding & Sons; slop hopper, Froy Ltd.; roof beams, Tarmac Ltd.; facing bricks, Will's and

Packhams; cassette hatches, Newton Victor Ltd.; wood block floor, S. Bennett & Son Ltd.; cork flooring, Cork Insulation & Asbestos Co.; top lights, James & Co. Ltd.; flat roofing, Ruberoid & Co. Ltd.; dark blinds, J. Avery & Co.

*Garage for A. Checkfield & Sons at Dymchurch, Kent.* (Page 696.) Architects: Jackson & Jackson, F.A.L.R.I.B.A. General contractor: F. & R. Finn. Sub-contractors: steelwork and roofing, Crozgon & Co. Ltd.; roller shutter, Mather & Platt Ltd.; petrol office, Light Steelwork (1925) Ltd.; lettering, Butler Jones (Nameplates) Ltd.; steel windows and doors, Crittall Manufacturing Co. Ltd.; bricks, The Hammill Brick Co. Ltd.; ironmongery, Parker, Winder & Achurch Ltd.; sanitary goods, Alfred Olby Ltd.; electrical installation, C. Colmer; plastic tile floors, The Marley Tile Co. Ltd.

*J. J. Saunders (Bakery), 136, High Street, Hythe.* (Page 697.) Architects: Jackson & Jackson, F.A.L.R.I.B.A. General contractor: E. Charlier & Sons Ltd. Sub-contractors: roof tiling, Langley London Ltd.; sun blind, Dean's Blinds (Putney) Ltd.; plastic tile flooring, Neuchatel Asphalte Co. Ltd.; electrical installation, Denhams; ironmongery, Parker, Winder & Achurch Ltd.; bricks, Hawkinge Brick Co.; shopfront, Channell Woodcraft Ltd.

*County Primary School in Church Road, Willesborough, nr. Ashford, Kent, for Kent County Council.* (Page 697.) Architects: Jackson & Jackson, F.A.L.R.I.B.A., in association with S. H. Loweth, F.S.A., F.R.I.B.A., County architect. Assistant architect: E. W. Chandler, A.R.I.B.A. Consulting engineer: J. Roger Preston & Partners. Re-inforced concrete consultants: Hajnal & Myers. Electrical consultants: Barlow, Leslie & Partners. Quantity surveyor: Dearle & Henderson. General contractors: R. Corben & Son Ltd. Sub-contractors: asphalt roofing felt, Permanite Ltd.; bricks, Hammill Brick Co. Ltd.; carressing bricks, Eastwoods Sales Ltd.; artificial stone, Kent Concrete Products; flue linings, Cellacite & British Uralite Ltd.; special roofings, Wadcrete Ltd.; patent glazing, casements, w.c. partitions, Henry Hope & Sons Ltd.; woodblock flooring, Horsley Smith & Co. (Hayes) Ltd.; asphalt flooring, Neuchatel Asphalte Co. Ltd.; waterproofing materials, Sika Ltd.; central heating, Bearfoot & Bryett Ltd.; electric wiring, G. E. Wallis & Sons Ltd.; sanitary fittings, Alfred Olby Ltd.; plaster, E. E. Cheeseman & Sons; metalwork, Bayliss, Jones & Bayliss Ltd.; concrete tiling, Langley (London) Ltd.; textiles, Lewis & Hyland; asphalt flooring, Neuchatel Asphalte Co. Ltd.; paints, Imperial Chemical Industries Ltd.; cloakroom fittings, The Educational Supply Association Ltd.; macadam pavings, Albert H. Hooker & Sons Ltd.

*House for Dr. D. F. Fitzgerald, Sellindge, Kent.* (Page 697.) Architects: Jackson & Jackson, F.A.L.R.I.B.A. General contractors: C. Jenner & Son Ltd.

*Nonington Aylesham C.P. Infants' School.* (Page 698.) Architects: W. S. Willan, F.R.I.B.A.; D. A. Stewart, A.R.I.B.A., DIP.ARCH., London; K. Waite, A.R.I.B.A. Quantity surveyors: Foster & Barber. Consulting engineers: G. H. Buckle & Partners. General contractor: R. J. Barwick. Clerk of works: E. C. Heritage. General foreman: A. W. C. Lee. Sub-contractors: wood block flooring, The Acme Flooring & Paving Co. Ltd.; heating engineers, G. N. Haden & Sons Ltd.; electrical work, South Eastern Electricity Board;

roof coverings, D. Henderson; flush doors, Bryce White & Co. Ltd.; bricks, Eastwoods Sales Ltd.; sanitary ware, W. N. Froy & Sons Ltd.; metal windows, Henry Hope & Sons Ltd.; ironmongery, Lockerie & Wilkinson Ltd.; precentred floor beams and steel reinforcement, Triad Floors, Ltd.

*Flats, Rosendale Court, Folkestone.* (Page 698.) Architects: W. S. Willan, F.R.I.B.A.; D. A. Stewart, A.R.I.B.A., DIP.ARCH., London; K. Waite, A.R.I.B.A. Quantity surveyors: Drower & Son. General contractors: C. Jenner & Son Ltd. Clerk of works: J. H. Culpin. Sub-contractors: electrical installation, H. G. Cockram; cork tile flooring, Horsley Smith & Co.; Thermoplastic flooring, Neuchatel Asphalte Co.; gas installation, South Eastern Gas Board; prestressed concrete joists, Atlas Stone Co. Ltd.; ironmongery, Comyn Ching & Co. Ltd.; flush doors, Cliksten Doors Ltd.; bricks, Will's & Packham, supplied by Hall & Co.; metal door frames, Henry Hope & Sons Ltd.; balcony balustrade, Morris Singer Co. Ltd.; sanitary fittings and fireplaces, Alfred Olby Ltd.; steelwork, Hamilton Slade Co. Ltd.; asbestos flower boxes, Turners Asbestos & Cement Co.; precentred floor beams, Triad Floors Ltd.; metal windows, Williams & Williams; paint, The Indestructible Paint Co.

*Holywell Secondary School for Girls, Folkestone.* (Page 699.) Architects: W. S. Willan, F.R.I.B.A.; D. A. Stewart, A.R.I.B.A., DIP.ARCH., London; K. Waite, A.R.I.B.A. Quantity surveyors: Drower & Son. Consulting engineers: Stinton Jones & Partners. General contractors: Rice & Son Ltd. Clerk of works: G. M. Millard. General foreman: W. Miles. Sub-contractors: roofing, D. Anderson & Son Ltd.; aluminium classroom wings, Bristol Aeroplane Co. (Housing) Ltd.; heating, G. N. Haden & Sons Ltd.; steelwork, Hamilton Slade & Co. Ltd.; Beech block flooring, Hollis Bros.; cork floor tiling, Horsley Smith & Co. (Hayes) Ltd.; acoustic tiles, May Acoustics Ltd.; asphalt floor tiling, Neuchatel Asphalte Co. Ltd.; fencing, Penfold Fencing & Engineering Co.; electrical installation, South Eastern Electricity Board; suspended ceilings and insulating board ceilings, Sandelco Board Co.; prestressed concrete floor joists, Atlas Stone Co.; portland stone cills, Bath & Portland Stone Firms Ltd.; flush doors, Bryce White & Co. Ltd.; glazed wall tiling, Carter & Co. Ltd.; ironmongery, Comyn Ching & Co. Ltd.; empire stone cills, Empire Stone Co. Ltd.; quarry tiles, Hall & Co. Ltd.; standard metal windows and door frames, Henry Hope & Sons Ltd.; paint, Imperial Chemical Industries Ltd.; bricks, Ryarsh Brick & Tile Co.; sanitary fittings, Shanks & Co. Ltd.; purpose made metal windows, Williams & Williams.

*Shop at 13, St. George's Street, Canterbury, Kent, for the Dolcis Shoe Co.* (Page 713.) Architect: Ellis E. Somake, F.R.I.B.A., Staff Architect to the Dolcis Shoe Co. Assistant architect-in-charge: Geoffrey Uffindell, A.R.I.B.A. Consulting structural engineer: Malcolm Glover, B.S.C., M.INST.C.E., A.I.MECH.E., M.I.STRUCT.E. Quantity surveyors: Gardiner & Theobald. General contractors: G. H. Denne & Son Ltd. (for the structure); Courtney Pope, Ltd. (for the shop-fitting). Sub-contractors: reinforcement, Constel (Structures) Ltd.; metal windows, Williams & Williams Ltd.; heating installation, Rosser & Russell Ltd.; electrical installation, Courtney Pope (Electrical) Ltd.; stone facings, Kendell's Stone & Paving Co. Ltd.; sanitary ware, W. N. Froy & Sons Ltd.; floor tiles, Semtex Ltd.; facing bricks, Richard Parton Ltd.; balustrading and handrails, Grundy Arnatt Ltd.; ironmongery,

A. J. Binns Ltd.; incinerators, William Sugg & Co. Ltd.; slate cills, Ansel & Odling; draper and carpets, F. G. Minter (Decorations) Ltd.; paints, Thos. Parsons & Sons Ltd.; false ceilings, Tomei & Sons Ltd.; terrazzo, Marriott & Price Ltd.; wallpapers, Primavera; pneumatic cash tubes, Lamson Engineering Co. Ltd.; venetian blinds, Venetian Vogue Ltd.; blinds, Artistic Blind Co.

Hackington County Primary School, Canterbury. (Page 716.) Architect: L. Hugh Wilson, O.B.E., A.R.I.B.A., A.M.T.P.I., County Architect and Planning Officer. General contractors: Ringmer Building Works Ltd. Sub-contractors: bricks, Eastwoods Sales Ltd.; concrete roof slabs, Hills (West Bromwich) Ltd.; wall and floor tiling, Carter & Co. Ltd.; thermoplastic tiling, The Neuchatel Asphalt Co. Ltd.; asphalt work, Ragusa Asphalt Paving Co. Ltd.; bituminous roofing, D. Anderson & Son Ltd.; wood block floors, Bennetts Wood Flooring Co. Ltd.; flush doors, John Said & Co. Ltd.; joinery fittings, The North of England School, School Furnishing Co. Ltd.; door furniture, Lockerbie & Wilkinson (Birmingham) Ltd.; light steel framework, Hills (West Bromwich) Ltd.; windows, metal doors, metal trim and gutters, Henry Hope & Sons Ltd.; w.c. compartments, Flexo Plywood Industries Ltd.; handrails and gates, Allen & Greaves Ltd.; coat racks, Comyn Ching & Co. Ltd.; lockers, Binns & Taylor Ltd.; fire pipe duct covers, H. & C. Davis & Co. Ltd.; fire extinguishers, Pyrene Co. Ltd.; drying cabinets, J. Glover & Sons Ltd.; window cills, Langley (London) Ltd.; sanitary fittings, Alfred Olby Ltd.; mirrors and splashbacks, Clark & Eaton; cycle stands, Alfred A. Odoni & Co. Ltd.; fencing, Durafencing (London) Ltd.; planting, Canterbury Corporation Parks Dept.; engineering services, J. H. Nicholson & Co. Ltd.; electrical services, Troughton & Young Ltd.

London Road Housing Estate, Canterbury. (Page 716.) Architect: L. Hugh Wilson, O.B.E., A.R.I.B.A., A.M.T.P.I., City Architect and Planning Officer. General contractors: K. A. Hawkes Ltd.; D. C. Heard & Co. Ltd.; G. Lewis & Sons (Dover) Ltd. Sub-contractors: tiled surrounds and grates, Alfred Olby Ltd., Clark Hunt & Co. Ltd.; roof tiling, Marley Tile Co. Ltd.; C. Bates; floor finishes, Val De Travers Asphalt Paving Co. Ltd.; Marley Tile Co. Ltd.; kitchen cupboard units, Austins (East Ham) Ltd.; Channel Woodcraft Ltd.; doors, Gliksten Doors Ltd.; Austins (East Ham) Ltd.; Rippers Ltd.; ironmongery, Comyn Ching & Co. Ltd.; Lockerbie & Wilkinson (Birmingham) Ltd.; metal windows, Crittall Manufacturing Co. Ltd.; wood windows, Austins (East Ham) Ltd.; Rippers Ltd.; hot and cold water installations, K. Hills; W. G. Flanders & Sons Ltd.; sanitary ware, Rowns & Rowns; Drew & Clydesdale Ltd., Alfred Olby Ltd., B. Finch & Co. Ltd.;

bricks, Eastwood Sales Ltd.; Pluckley Brick & Tile Co. Ltd.; London Brick Co. Ltd.; Jesse Last & Co. Ltd.; The Hammill Brick Co. Ltd.; The Cement Marketing Co. Ltd.; washboilers, South Eastern Gas Board; South Eastern Electricity Board; electric installations, S. W. Bligh Ltd.; Court & Cooks Ltd.; S. Terry; South Eastern Electricity Board; gas services and carcassing, South Eastern Gas Board; paint, Hadfields (Merton) Ltd.; T. W. Farmiloe Ltd.; Imperial Chemical Industries Ltd.; distemper, The Walmamur Co. Ltd.

House at Cornhill Avenue, Folkestone. (Page 699.) Architects: W. S. Willan, F.R.I.B.A., D. A. Stewart, A.R.I.B.A., DIP. ARCH. LONDON, K. Waite, A.R.I.B.A. General contractors: C. Jenner & Son Ltd. Sub-contractors: roof tiling, Hall & Co. Ltd.; bricks, Eastwood Sales Ltd.; electrical installation, Denham's; cork and thermoplastic floors, Neuchatel Asphalt Co. Ltd.; metal windows, Henry Hope & Sons; sanitary fittings, Alfred Olby Ltd.

Shops, St. George's Street, Canterbury, for Ravensell Properties Ltd. (Page 713.) Architects: Ardin & Robbins, A/R.I.B.A. Quantity surveyors: Burley Lane & Partners. General contractors: R. Corben & Sons Ltd. Sub-contractors: structural steelwork, Sanders & Forsters Ltd.; reconstructed stonework, Empire Stone Co. Ltd.; roof tiling, Eastwoods Sales Ltd.; electrical installation, S. W. Bligh Ltd.; metal windows & lantern lights, Luxfer Ltd.; jointless flooring, Industrial Chemicals Ltd.; asphalt, Ragusa Asphalt Paving Co. Ltd.

New Store for F. W. Woolworth & Co. Ltd., St. George's Street, Canterbury. (Page 713.) Architects: Company's Staff Architect. General contractors: F. W. Woolworth & Co. Ltd., Construction Department. Sub-contractors: central heating, Combustions Ltd.; bricks, London Brick Co. Ltd.; ceilings, Anderson Construction Co. Ltd.; snack bar installation, Gardiner & Gulland Ltd.; precast concrete floors, The Trussed Concrete Steel Co. Ltd.; balustrading, canopies, signs, etc., J. R. Pearson (Birmingham) Ltd.; precast reinforced concrete staircase and granolithic pavings, Stuart's Granolithic Co. Ltd.; scaffolding, Scaffolding (Great Britain) Ltd.; electrical installation, R. Langston-Jones & Co. Ltd.; timber, Dolton, Bournes & Dolton Ltd.; projecting signs, facias, mirrors, etc., The London Sand Blast Decorative Glass Works Ltd.; paints, Goodlass, Wall & Co. Ltd.; metal windows, lantern lights, floor springs, James Gibbons Ltd.; heating and ventilating, H. W. Dutton & Co. Ltd.; blinds, Deans Blinds; concrete aggregates, Robert Brett & Sons Ltd.; facing bricks, Eastwoods Sales Ltd.; shopfront, counters, formica wall panelling, etc., A. E. Lindsey & Son Ltd.; asphalt, Ragusa

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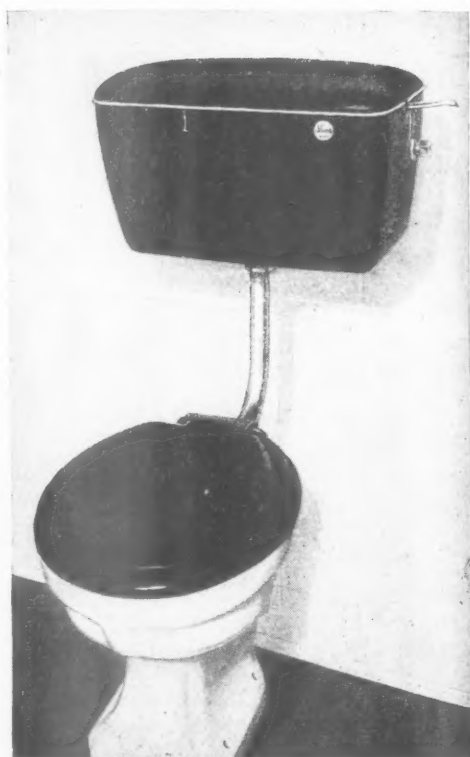
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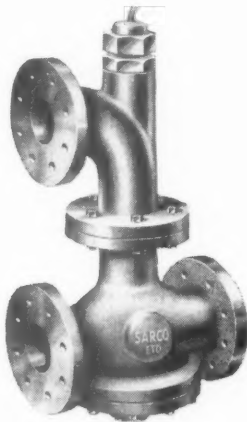


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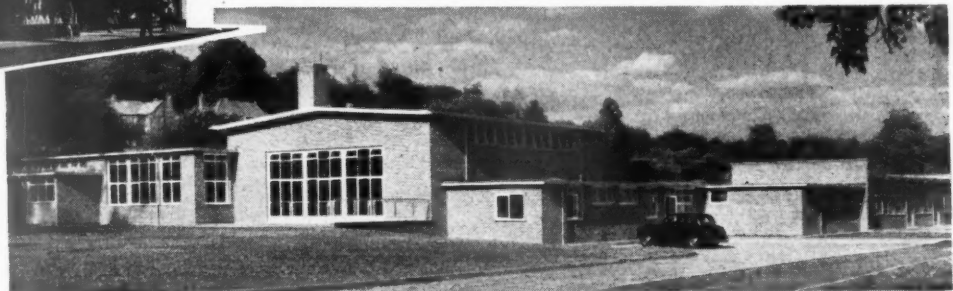
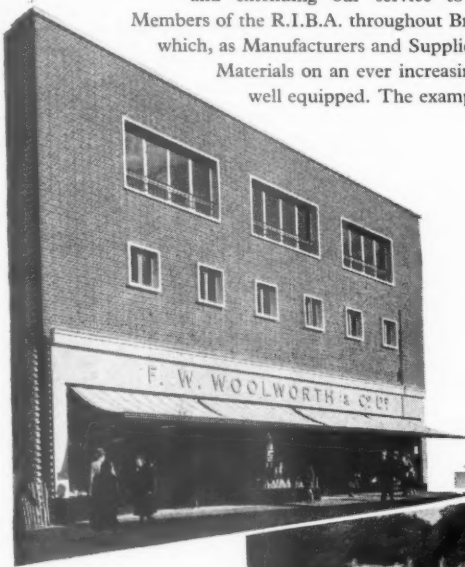
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Architect: City Architect, L. Hugh Wilson, Esq., O.B.E., A.R.I.B.A.  
**Bricks: Conyer Multi Facings, Commons & Rough Stocks.**
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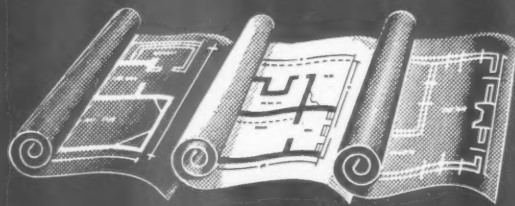
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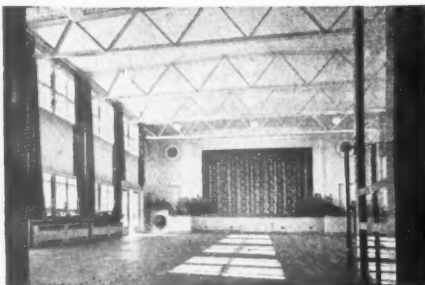
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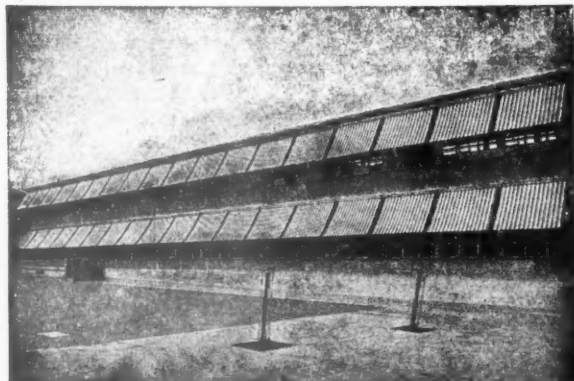
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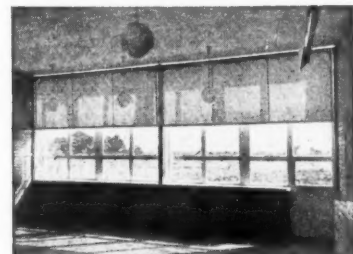
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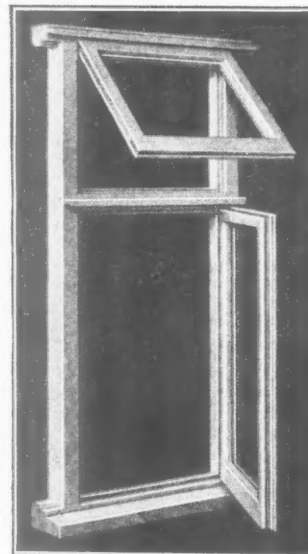
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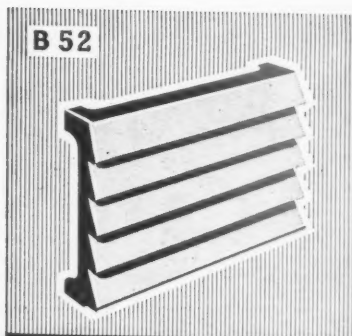


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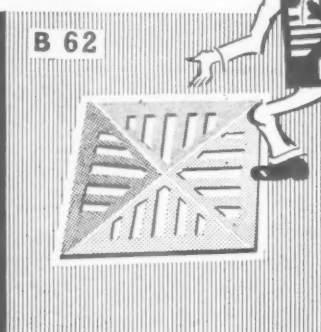
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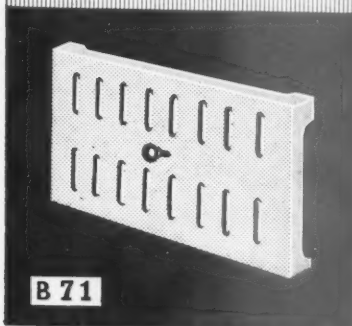


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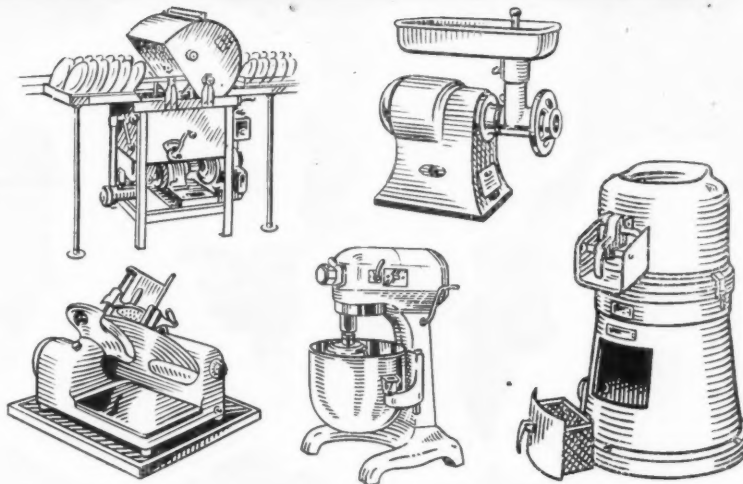
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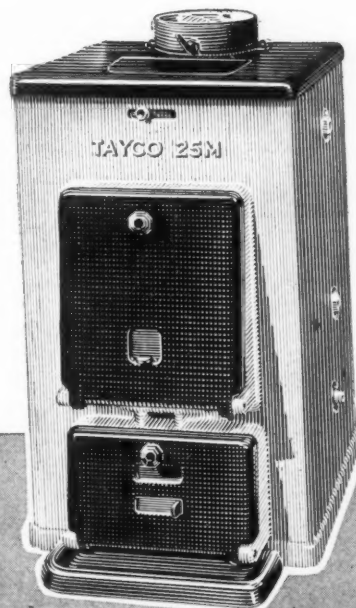
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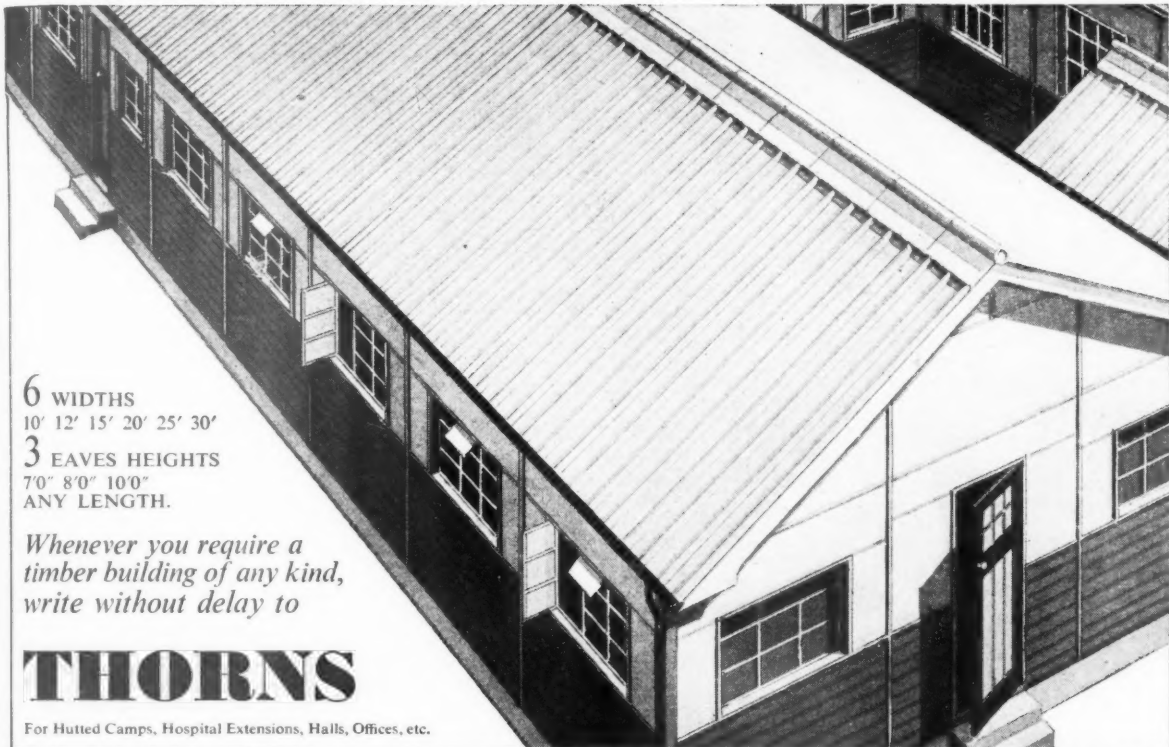
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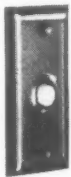
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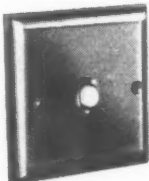
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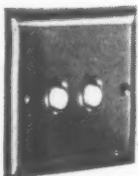
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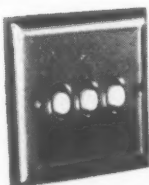
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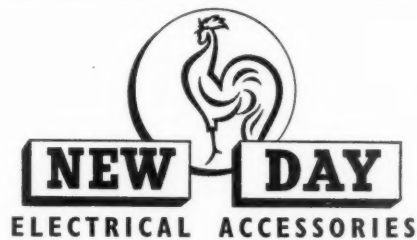


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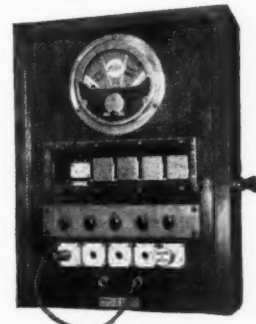
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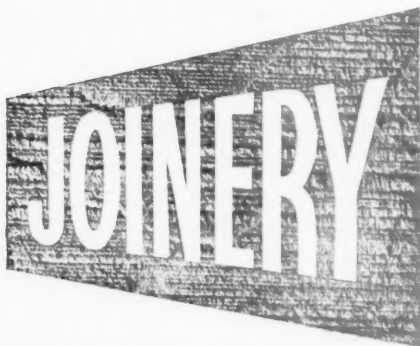


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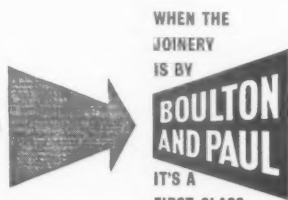
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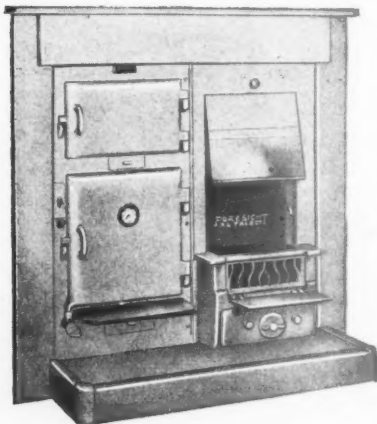
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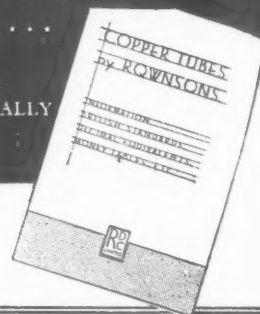
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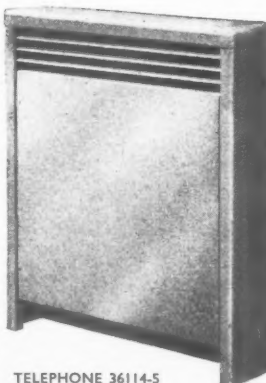
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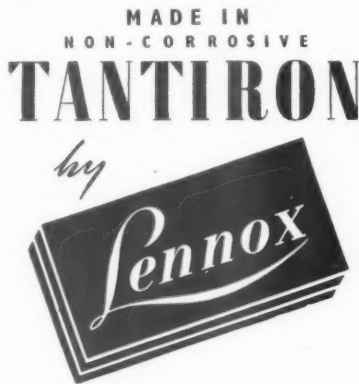
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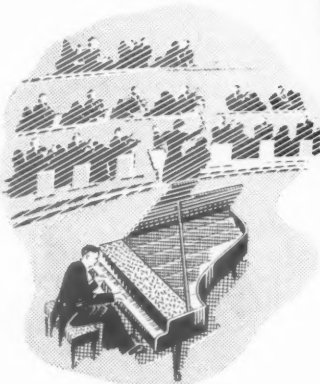
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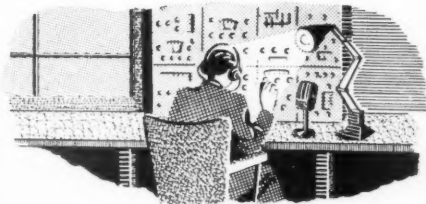


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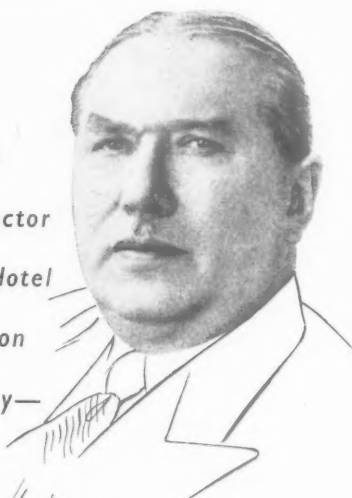
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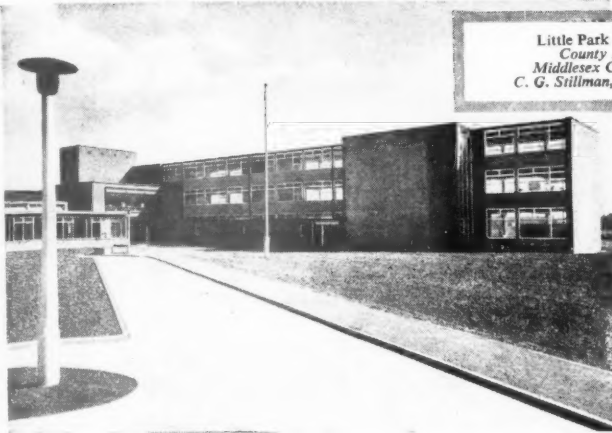
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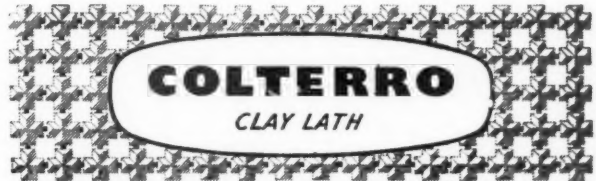
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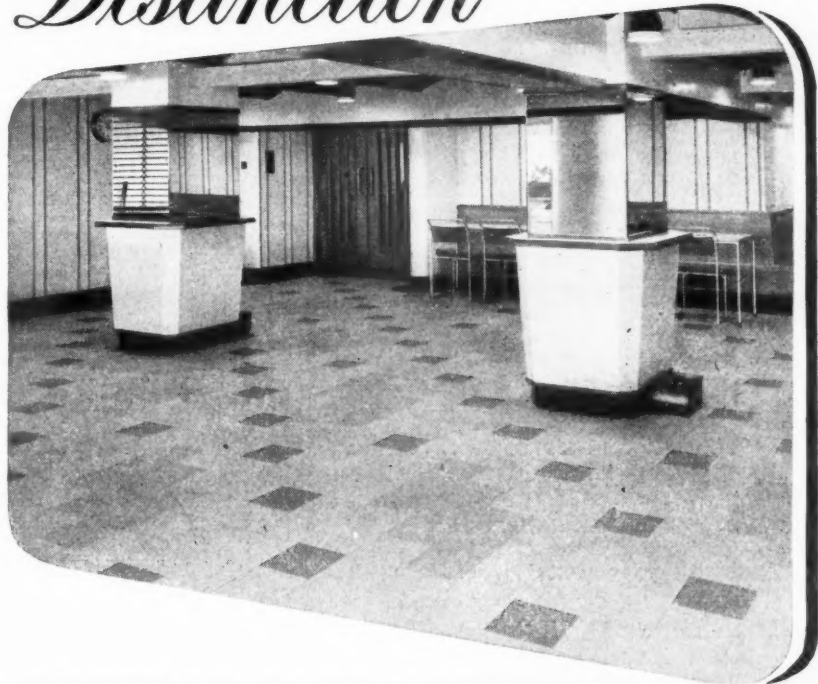
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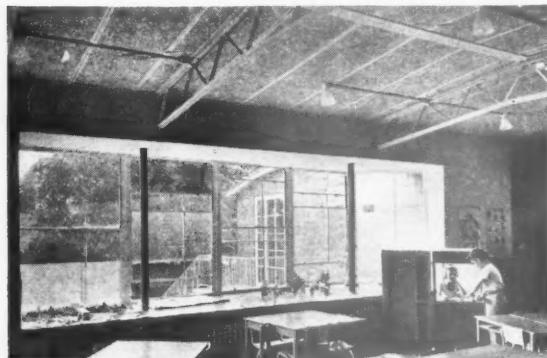
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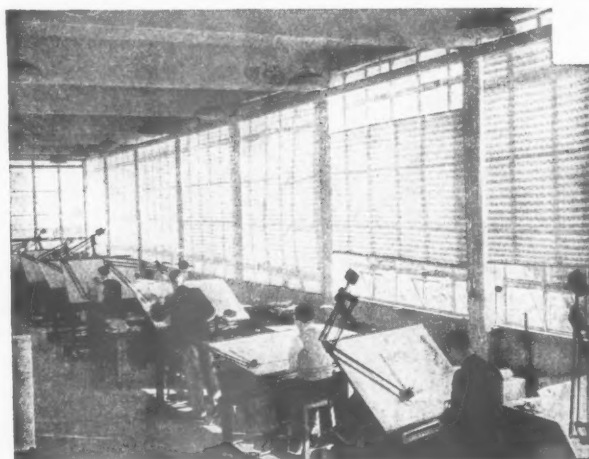
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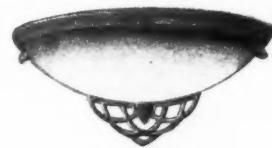
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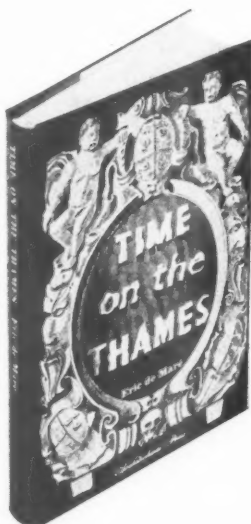
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by ERIC DE MARÉ



THIS DELIGHTFULLY WRITTEN BOOK is more than a new guide to The Thames. It is a spirited, critical essay on the life, landscape and architecture of the world's most famous river. Mr. de Maré brings to his task an architect's training and an unerring eye for all that is most characteristic of the special regional style of the tideless Thames. On his journey upstream from Teddington to the source he calls attention not only to the celebrated monuments and beauty spots—though he does these full justice—but also to the lesser, generally unremarked things that please the observant eye: the robust forms of locks, their furniture and machinery, the unpremeditated informal treescapes. He neither neglects history and anecdote nor stresses them unduly; and he makes some important, precise and salutary comments about the river's future as a proposed National Park, which give the book a positive, constructive bias rarely found in guide books. The book is illustrated with over 120 brilliant photographs, mostly by the author.

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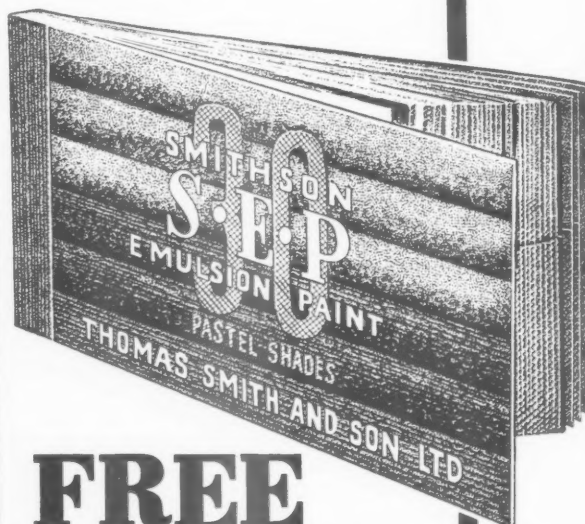
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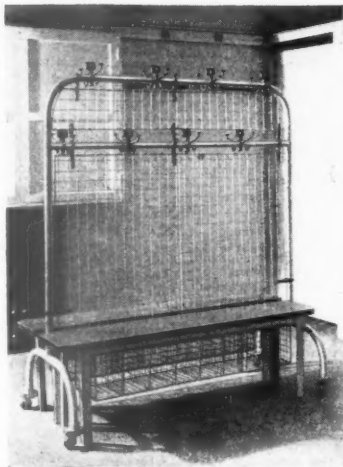
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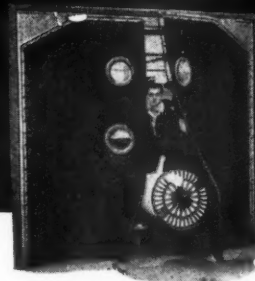
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## CLASSIFIED ADVERTISEMENTS

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

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

### Public and Official Announcements

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

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

#### LONDON COUNTY COUNCIL

##### BUILDING REGULATION DIVISION

(a) ARCHITECT, Grade I (£1,002-£1,143), with special responsibility for fire safety regulations.

(b) SURVEYOR, Grade II (£837 10s.-£1,002), for building regulation work under the London Building Acts and by laws.

Particulars and application forms (for return by 17th June) from Architect, AR/EK/BR/4, County Hall, S.E.1, and state post required. (546) 8877

#### THURROCK URBAN DISTRICT COUNCIL

##### CHIEF ARCHITECTURAL ASSISTANT

##### GRADE VII

Applications are invited for the appointment of a Chief Architectural Assistant at a salary in accordance with Grade A.P.T. VII of the national scale of salaries, i.e., £710 p.a. rising by annual increments to a maximum of £785.

The successful applicant will, under the Engineer and Surveyor, be in charge of the Architectural Section of the Engineer and Surveyor's Department.

Candidates must be associates of the Royal Institute of British Architects with a wide experience in the design and construction of the building and architectural work undertaken by a local authority, particularly in connection with housing schemes on a large scale.

Housing accommodation, if necessary, will be considered for the successful candidate if he lives more than 20 miles from Thurrock, and a travelling allowance in accordance with the national scales is payable in respect of an 8 h. car.

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

Applications endorsed "Chief Architectural Assistant," stating age, qualifications and experience and quoting three references, should reach the undersigned not later than first post on Wednesday, 10th June, 1953.

Canvassing will disqualify and applicants must disclose in writing any relationship to any member or senior officer of the Council.

A. E. POOLE,  
Clerk of the Council.

Council Offices,  
Whitehall Lane,  
Grays, Essex. 8901

#### HARROW URBAN DISTRICT COUNCIL

##### ENGINEER & SURVEYOR'S DEPARTMENT

Applications are invited for the undermentioned appointments:-

(a) ARCHITECTURAL ASSISTANT (Maintenance).

A.P.T. Grades IV/V. Salary £555-£645 per annum, plus London "weighting." Applicants must be experienced and qualified for duties in connection with the technical management and maintenance of Council houses, and other properties, including the preparation of annual estimates, specifications and tender documents and the supervision of works in progress.

(b) ASSISTANT WELFARE OFFICER (Female).

Grade General Division. Salary £228 per annum (inclusive) at age 21 years, rising to £390 per annum (inclusive) at age 30 years.

Applicants should have experience in administration and general welfare work.

The person appointed will be required to interview prospective tenants in their houses for the purpose of allotting suitable accommodation and to carry out inspections of Council houses and requisitioned properties to ensure that the conditions of tenancy are being observed.

Each appointment will be subject to the provisions of the Local Government Superannuation Act, 1937; to the passing of a medical examination; and to the National Joint Council's Scheme of Conditions of Service.

The Council are unable to assist in obtaining housing accommodation.

Forms of application may be obtained from the undersigned, to whom they should be returned not later than Friday, 12th June, 1953.

D. H. PRITCHARD, M.A.,  
Clerk of the Council.

Council Offices,  
Harrow Weald Lodge,  
Harrow. 8900

#### LINDSEY COUNTY COUNCIL

##### COUNTY ARCHITECT'S DEPARTMENT

Vacancy on the permanent staff for ASSISTANT QUANTITY SURVEYOR, Grade A.P.T. IV, £585 to £600 for Persons holding the Intermediate R.I.C.S.

N.J.C. Conditions of Service. Canvassing will disqualify. Relationship to Member or Senior Officer of the Council to be disclosed in writing with application.

Applications stating age, qualifications and experience, with names of two persons to whom reference can be made to be sent to the undersigned not later than 11th June.

A. RONALD CLARK,  
A.R.I.B.A., A.M.T.P.I.,  
County Architect.

County Offices, Lincoln. 8903

#### MIDDLESEX COUNTY COUNCIL

##### COUNTY ARCHITECT'S DEPARTMENT

TWO ASSISTANT ARCHITECTS required, A.P.T. V, (£625 to £675 p.a. if 26 years or over). Appointments at grade minimum; established; pensionable subject to medical assessment and prescribed conditions. Must be Registered Architects and experience of Educational Projects advantage. Application forms (stmpd. add. env. fcap.) from County Architect, 1, Queen Anne's Gate Buildings, Dartmouth Street, S.W.1, returnable by 8th June, (quoting M.67 A.J.). Canvassing disqualifies. 8892

Candidates should preferably have had experience in one or more of the following:- Design and construction of High Voltage sub-stations or overhead Transmission Lines and underground cable systems. Civil Engineering, Electrical Engineering, including layouts and diagrams for H.V. transformers and switchgear.

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

ENGINEERING DRAUGHTSMEN (MECHANICAL), Construction Department. (Vacancy No. 42/53.)

Senior Draughtsmen are required in the Mechanical section of the Construction Department. Candidates should have experience in one or more of the following:-

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

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

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

Salary and conditions of service will be in accordance with the National Joint Board Agreement, Grade 5 (£567-£671 per annum) and Grade 6 (£433-£567 per annum) of Schedule D, according to experience.

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

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

The salary will be in accordance with Grade 5 (£567-£671 per annum) or Grade 6 (£433-£567 per annum) of Schedule D of the National Joint Board Agreement.

The closing date for this appointment will be the 8th June, 1953.

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

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

L. F. JEFFREY,  
Divisional Controller. 8896

The closing date for this appointment will be the 8th June, 1953.

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

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L. F. JEFFREY,  
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#### BRITISH ELECTRICITY AUTHORITY

##### EAST MIDLANDS DIVISION

Applications are invited for the following positions within the Division:-

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

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

The salary will be in accordance with Grade 5 (£567-£671 per annum) or Grade 6 (£433-£567 per annum) of Schedule D of the National Joint Board Agreement.

DRAUGHTSMAN, Transmission Department, Divisional Headquarters, Nottingham. (Vacancy No. 42/53.)

Candidates should preferably have had experience in one or more of the following:- Design and construction of High Voltage sub-stations or overhead Transmission Lines and underground cable systems. Civil Engineering, Electrical Engineering, including layouts and diagrams for H.V. transformers and switchgear.

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

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

Senior Draughtsmen are required in the Mechanical section of the Construction Department. Candidates should have experience in one or more of the following:-

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

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

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

Salary and conditions of service will be in accordance with the National Joint Board Agreement, Grade 5 (£567-£671 per annum) and Grade 6 (£433-£567 per annum) of Schedule D, according to experience.

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

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

The salary will be in accordance with Grade 5 (£567-£671 per annum) or Grade 6 (£433-£567 per annum) of Schedule D of the National Joint Board Agreement.

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Divisional Controller. 8896

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DENBI COUNTY The above following at Planning D. (a) DEV County Head A.P.T. Grad appointment control and to undertake applicant w a motor ca will be paid scale for ap

(b) COUN East Area A.P.T. Grad Applicants preparation assist in the have passed Town Plan qualification The appu and cond administr the County the end of writing on will be req and will li Superannua appointment or single, salary, pr experience one recent addresses o be made m later than

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# ROYAL COLLEGE OF ART.

Applications invited for post of **READER IN ARCHITECTURE**, School of Interior Design, to begin 1st September, 1953. A.R.I.B.A. with interest in Interior Design. Salary on scale up to £1,240 p.a. with facilities for private practice. Pension scheme. Forms from the Registrar, Royal College of Art, Exhibition Road, S.W.7., to whom they should be returned by 19th June. 8993

# DENBIGHSHIRE COUNTY COUNCIL. COUNTY PLANNING DEPARTMENT.

The above Council invite applications for the following appointments to the staff of the County Planning Department:—

(a) **DEVELOPMENT SURVEYOR** for the County Headquarters Office at Ruthin. Salary A.P.T. Grade VI £670-£735 per annum. The appointment is for the enforcement of planning control and applicants must be fully competent to undertake this class of work. The successful applicant will be required to provide and maintain a motor car, for which a travelling allowance will be paid in accordance with the Council's scale for an 8 h.p. car.

(b) **COUNTY PLANNING ASSISTANT** for the East Area Planning Office at Wrexham. Salary A.P.T. Grade IV £555-£600 per annum. Applicants must be competent to undertake the preparation of Development Plan proposals, to assist in the control of development and should have passed the Intermediate Examination of the Town Planning Institute or hold an equivalent qualification.

The appointments will be subject to the terms and conditions of service applying to the administrative, technical and clerical officers of the County Council and will be terminable at the end of any month by one month's notice in writing on either side. The successful applicants will be required to pass a medical examination and will be subject to the Local Government Superannuation Act, 1937. Applications stating appointment applied for, age, whether married or single, qualifications, present position and salary, previous positions and full details of experience obtained, together with a copy of one recent testimonial and the names and addresses of two persons to whom reference may be made must be sent to the undersigned by not later than the 19th day of June, 1953.

W. E. BUFTON,  
Clerk of the County Council.

County Offices, Ruthin.  
26th May, 1953.

8907

# AIR MINISTRY. WORKS DEPARTMENT.

**ARCHITECTURAL ASSISTANTS** required in London and Provinces in Design Branch by Air Ministry Works Department. Applicants should be experienced in planning and preparation of working drawings and details for permanent and semi-permanent buildings. Professional qualifications an advantage. Opportunities for overseas service for which allowances are payable. Salaries up to £733 p.a., starting pay dependent upon age, qualifications and experience. Overtime or extra duty allowance payable. Apply quoting Order No. Borough 3673/FB stating age, qualifications and previous appointments, giving dates and stating type of work done, to any Employment Exchange. 8906

# COUNTY BOROUGH OF NEWPORT, MON. BOROUGH ARCHITECT'S DEPARTMENT.

Applications are invited for the following permanent appointments:—

(a) **ASSISTANT QUANTITY SURVEYOR**—Grade 7 (£710-£785).

(b) **ASSISTANT QUANTITY SURVEYOR**—Grade 2 (£495-£540).

(c) **BUILDING SURVEYOR**—Grade 6 (£670-£735).

Further information and conditions of appointment, with Form of Application obtainable from Johnson Blackett, F.R.I.B.A., Borough Architect, Civic Centre, Newport, Mon., to whom applications should be returned not later than Thursday, 11th June, 1953. 8914

# ESSEX.

# SOUTH-WEST ESSEX TECHNICAL COLLEGE. FOREST ROAD, WALTHAMSTOW, E.17.

Required 1st September, a Full-time **ARCHITECTURAL STUDIO MASTER**, mainly for instruction of Full-time and Part-time students preparing for Examinations of the Royal Institute of British Architects and other professional bodies.

Salary scale, in accordance with the Burnham Technical Report, 1951, Grade B, £450 by £25 to £725 (man) plus additions for London Allowance, Graduation (or equivalent) and approved Training. Increments (£18) allowed for approved teaching, industrial and war service.

Applications (no forms) giving full particulars of training and experience to the Clerk to the Governors at the College immediately. 8915

# NATIONAL COAL BOARD—WEST MIDLANDS DIVISION.

Required **CLERK OF WORKS**, Grade I. Salary scale: £625 x £25 to £775.

Applicants must have a sound knowledge of all building trades and also good experience in re-

inforced concrete work, drainage, heating and electrical installations, water treatment and sewage purification plants, and also preparation of reports and supervision of contracts.

The post will be superannuated, and headquarters will be in the Warwickshire area. Commencing salary will depend on qualifications and experience.

Applications, giving age, education, qualifications and experience, should be made as soon as possible to the Divisional Establishment Officer, National Coal Board, Himley Hall, Dudley, Worcs. 8923

# COUNTY COUNCIL OF THE COUNTY OF LANARK. HOUSING ARCHITECT AND ENGINEER'S DEPARTMENT.

Applications are invited for undernominated technical staff, viz.:—

**ARCHITECTURAL ASSISTANTS**, one on A.P.T., Grade VII (£715-£790), and one on A.P.T., Grade II (£490-£535). Must have experience in the preparation of working drawings and details for housing developments.

**ENGINEERING ASSISTANT**, on General Division Scale (£265 at 21 years, rising to £450 at 32 years). Should be neat draughtsman and have experience in land surveying, levelling, and preparation of drawings for road construction works.

Posts superannuated. Medical examination. No canvassing permitted.

Applications, stating age, experience and qualifications, with names and addresses of three referees, to County Housing Architect and Engineer, 23, Beckford Street, Hamilton, not later than 12th June, 1953.

WM. C. BROWNIE.

County Clerk. 8922

# Architectural Appointments Vacant

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

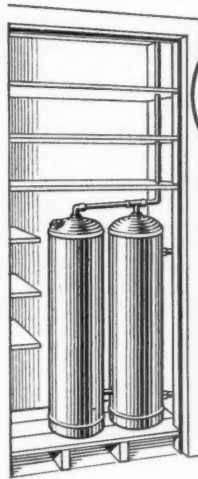
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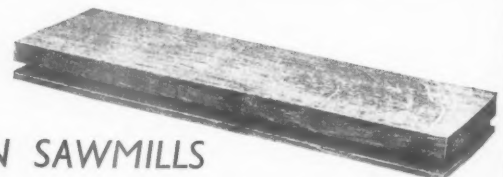
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# Alphabetical Index to Advertisers

	PAGE		PAGE		PAGE
Abbey Building Supplies Co. ....	xcv	Federated Foundries, Ltd. ....	xcv	New Day Electrical Accessories, Ltd. ....	lxvii
Accrington Brick & Tile Co., Ltd. ....	xc	" Fibonite " .....	xcv	Parker, Winder & Achurch, Ltd. ....	lxvii
Aidas Electric, Ltd. ....	xxvi	Finlock Gutters, Ltd. ....	xxxiii	Parsons, Thos., & Sons, Ltd. ....	lxvii
Anderson Construction Co., Ltd. ....	lxvii	Folkestone Quarries, Ltd. ....	lxvii	Permanite, Ltd. ....	lxvii
Architectural Press, Ltd., The lxxxv, lxxxvii, lxxxviii, lxxxvi, lxxxix, xcii		Frengers Ceilings, Ltd. ....	xxxvi	Phoenix Timber Co., Ltd. ....	lxvii
Arens Controls, Ltd. ....	xx	Green, J. H. & F. W., Ltd. ....	xciv	Plywood & Timber Products Agencies, Ltd. ....	lxvii
Associated Fire Alarms, Ltd. ....	lxxxviii	Greenwood's & Airvac Ventilating Co., Ltd. ....	Front Cover	Redhill The Co., Ltd. ....	lxvii
Associated Lead Mfrs., Ltd. ....	lxviii	Gypsum Mines, Ltd., The ....	lxvii	Rentokil, Ltd. ....	lxvii
Austins of East Ham, Ltd. ....	xii	Gyproc Products, Ltd. ....	vi	Richardson & Starling, Ltd. ....	lxvii
Avery, J., & Co. ....	lxxxvii	Haskins .....	li	Rowson, Drew & Clydesdale, Ltd. ....	lxxxvii
Bardie, Ltd. ....	lxxxviii	Heal's Contracts, Ltd. ....	lvi	Ruberoid Co., Ltd., The ....	lxvii
Birmingham & Blackburn Construction Co., Ltd. ....	xc	High Duty Alloys, Ltd. ....	liii	Rush & Tompkins, Ltd. ....	lxvii
Booth, John, & Sons (Bolton), Ltd. ....	xc	Hills, F., & Son, Ltd. ....	xliv	Semtex, Ltd. ....	lxvii
Boulton & Paul, Ltd. ....	lxxxiv, xcv	Hills (West Bromwich), Ltd. ....	lxxxviii	Sharp Bros. & Knight, Ltd. ....	lxxxviii
Brandts, Wm. (Wallpity), Ltd. ....	xc	Hobart Mfg. Co., Ltd., The ....	lxxxix	Shires & Co. (London), Ltd. ....	lxvii
Briggs, Wm., & Sons, Ltd. ....	xc	Holme, Horace E., Ltd. ....	vii	Sign Service .....	lxvii
British Aluminium Co., Ltd., The ....	iv	Holoplast, Ltd. ....	lii	Smith, Saml., & Sons, Ltd. ....	lxxxvii
British Electricity Authority, The ....	lviii	Hope, Henry, & Sons, Ltd. ....	lxiv	Smith's Fireproof Floors, Ltd. ....	xcv
British Engineering Brick Association, The ....	xlviii	Hornflowa, Ltd. ....	xcvii	Sommerfeld's, Ltd. ....	xcv
British Mouldex Rubber Co., Ltd., The lxxxviii		Imperial Chemical Industries, Ltd. ....	lxi	Southern, Ltd. ....	lxvii
British Paints, Ltd. ....	xxxix	Indestructible Paint Co., Ltd. ....	xxi, xxii	Spelthorne Metals, Ltd. ....	lxxxviii
Broad & Co., Ltd. ....	xc	Jackson Electric Stove Co., Ltd., The... lxxxvi		Spencer, Lock & Co., Ltd. (Royal Board) lxxv	
Cellacite & British Uralite, Ltd. ....	xxix	Jackson, Elphick & Co., Ltd. ....	lxxvii	Spirax-Sarco, Ltd. ....	lxxv
Colt, W. H. (London), Ltd. ....	lxxxvii	Jenner, C., & Son, Ltd. ....	lxxvii	Standard & Pochin Bros., Ltd., The... lxxxvii	
Colt Ventilation, Ltd. ....	xl	Johnson & Phillips, Ltd. ....	lx	Stramit Boards, Ltd. ....	lxvii
Concrete, Ltd. ....	lix	Jones & Broadbent, Ltd. ....	lxxxv	Sulzer Bros. (London), Ltd. ....	lxvii
Corben, R., & Son, Ltd. ....	lxxxvi	Kenyon, Wm., & Sons, Ltd. ....	xcv	Sundeala Board Co., Ltd. ....	lxxxviii
Coverite (Asphaltes), Ltd. ....	xcv	King, Geo. W., Ltd. ....	xxxii	Sutcliffe Speakman & Co., Ltd. ....	lxxxv
Crittall Mfg. Co., Ltd. ....	xxiv	Kwikform, Ltd. ....	xcviii	Taylor, R., & Co. (Ironfounders), Ltd. ....	lxxxvii
Cuthell, D. M., & Co., Ltd. ....	xcii	Laing, John, & Son, Ltd. ....	xlii	Thermacoust, Ltd. ....	lxvii
C.W.C. Equipment, Ltd. ....	liv	Lacrimoid Products, Ltd. ....	xxxiii	Thompson, John (Beacon Windows), Ltd. lxxxv	
De La Rue, Thos., & Co., Ltd. ....	lvii	Lead Industries Development Council... lxxxv		Thorn, J., & Son, Ltd. ....	lxxxv
Denne, G. H., & Son, Ltd. ....	xliv	Lennox Foundry Co., Ltd. ....	lxxxv	Thorp, John B. ....	xcv
Denny, Mott & Dickson, Ltd. ....	xxvii	Limmer & Trinidad Lake Asphalt Co., Ltd. ....	lxxxvii	Timber Development Association, Ltd. lxxvii	
Doulton & Co., Ltd. ....	lviii	Lockhart Equipment, Ltd. ....	lxix	Tretol, Ltd. ....	lxvii
Ductube Co., Ltd. ....	xli	London Brick Co., Ltd. ....	lxvii	Troughton & Young (Lighting), Ltd. ... lxxvii	
Dutton, H. W., & Co., Ltd. ....	lxxxvii	Main, R. & A., Ltd. ....	xiv	True-Flue, Ltd. ....	lxxxvii
Eagan, R. E., Ltd. ....	xvi	Mallinson, Wm., & Sons, Ltd. ....	lxxi	Trussed Concrete Steel Co., Ltd. ....	lxvii
Eastwoods (Specialists), Ltd. ....	lxxxiii	Marley Tile Co., Ltd., The ....	lxxxvii	Turner, Chas., & Son, Ltd. ....	lxvii
Edgar, Wm., & Son, Ltd. ....	xxx	Mellowes & Co., Ltd. ....	lxxxviii	Val De Travers Asphalt Paving Co., Ltd., The... lxxvii	
Edison Swan Electric Co., Ltd. ....	lxv	Merchant Trading Co., Ltd., The ....	xxviii	Venus Pencil Co., Ltd., The ....	lxxxvii
Ellis School of Architecture, The ....	xcv	Metallie Seamless Tube Co., Ltd., The... x		Walpamur Co., Ltd., The ....	lxvii
Ellison, Geo., Ltd. ....	xcv	Meyer, Montague, Ltd. ....	xlvi	Ward, Wm. ....	lxxxvii
Empire Stone Co., Ltd. ....	lx	Mills Scaffold Co., Ltd. ....	ii	Wholesale Fittings Co., Ltd., The... lxxxvii	
Evode, Ltd. ....	v	M.K. Electric, Ltd. ....	xxxvii	Williams & Williams, Ltd. ....	lxvii
Farmer, S. W., & Son, Ltd. ....	xc	Moulded Components (Jabio), Ltd. ....	xcv	Zinc Alloy Rust Proofing Co., Ltd. ....	xcvi
		Negus, W. & M., Ltd. ....	xcv		

For Appointments (Wanted or Vacant), Competitions Open, Drawings, Tracings, etc., Education, Legal Notices, Miscellaneous Property, Land and Sales, xcii, xciii, xciv, xcv.

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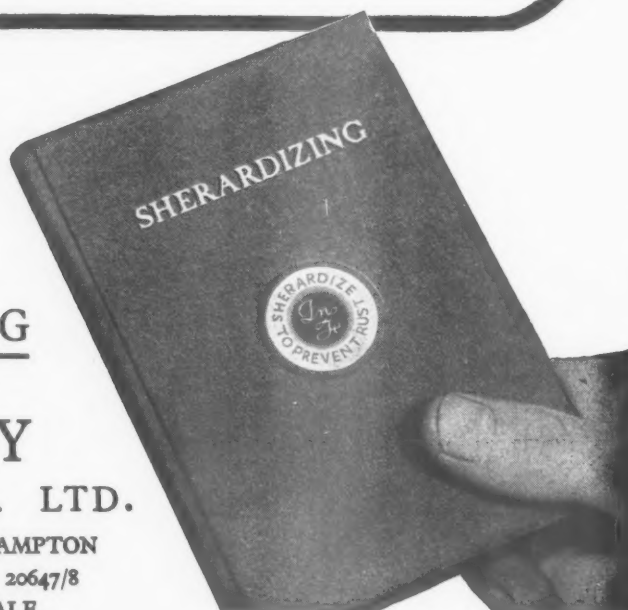
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PAGE  
lxxx  
xci  
lxxvi  
lxxv  
viii  
lxxv  
xci  
xci  
lxxxv  
xxxv  
lv  
lxi  
lxxxviii  
lxx  
lxxxiv  
xxxviii  
xc  
xci  
lxxvii  
lxxxviii  
xxv  
lxxi  
lxxxiv  
xli  
xviii  
xxxviii  
xxxv  
lxxxix  
lxxxviii  
xv  
lxxxii  
xci  
xvii  
lvi  
xlv  
xxx  
xi  
xevii  
iii  
lxxxiv  
xiii  
lxxxii  
lxxxix  
xlvii  
xevi



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