THE ARCHITECTS'



tandard contents

every issue does not necessarily contain all these contents, but they are the regular features which continually recur.

DIARY NEWS

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Architectural Appointments Wanted and Vacant

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TDA TPI

A glossary of abbreviations of Government Departments and Societies and Committees of all kinds, together with their full address and checken numbers, is given below. In all cases where the town is not mentioned the word LONDON is implicit in the address.

AA ABT ACGB APRR	Architectural Association. 34/6, Bedford Square, W.C.1. Association of Building Technicians. 5, Ashley Place, S.W.1. Arts Council of Great Britain. 9, Belgrave Square, S.W.1. Association for Planning and Regional Reconstruction. 34, Gordon
ARCUK ASB	Square, W.C.1. Euston 2158-9 Architects' Registration Council. 68, Portland Place, W.1. Welbeck 9738 Architectural Science Board of the Royal Institute of British Architects.
BC BCIRA BDA BIA	Building Centre. 9, Conduit Street, W.1. British Cast Iron Research Association. Alvechurch, Birmingham. British Door Association. 25, Victoria Street, S.W.1. British Ironfounders' Association. 145, Vincent Street, Glasgow, C.2.
BIAE BINC BOT BRS BSA	Glasgow Central 2891 British Institute of Adult Education. 29, Tavistock Square, W.C.1. Euston 5385 Building Industries National Council. 11, Weymouth Street, W.1. Langham 2785 Board of Trade. Millbank, S.W.1. Whitehall 5140 Building Research Station. Bucknalls Lane, Watford. Garston 2246 British Steelwork Association. Egginton House, Buckingham Gate, S.W.1.
BSI CCA CID CPRE CSI DIA DOT EJMA	British Standards Institution. 28, Victoria Street, S.W.1. Abbey 3333 Cement and Concrete Association. 52, Grosvenor Gardens, S.W.1. Council of Industrial Design. Tilbury House, Petty France, S.W.1. Council for the Preservation of Rural England. 4, Hobart Place, S.W. Sloane 4280 Chartered Surveyors' Institution. 12, Great George Street, S.W.1. Design and Industries Association. 9, Conduit Street, W.1. Department of Overseas Trade. 35, Old Queen Street, S.W.1. English Joinery Manufacturers Association (Incorporated). Sackville House, 40, Piccadiily, W.1. Regent 4448
FAS	Faculty of Architects and Surveyors. 8, Buckingham Palace Gdns., S.W.1. Sloane 2837
FMB	Federation of Master Builders. 23, Compton Terrace, Upper Street, N.1. Canonbury 2041
FS (Eng.)	
GG HC IAAS	Georgian Group. 4, Hobart Place, S.W.1, Housing Centre. 13 Suffolk Street, Pall Mall, S.W.1. Incorporated Association of Architects and Surveyors. 75, Eaton Place, S.W.1.
ICE IEE IOB IRA ISE LIDC	Institution of Civil Engineers. Great George Street, S.W.1. Institution of Electrical Engineers. Savoy Place, W.C.2. Institute of Builders. 48, Bedford Square, W.C.1. Institute of Registered Architects. 47, Victoria Street, S.W.1. Institution of Structural Engineers. 11, Upper Belgrave Street, S.W.1. Sloane 7128-29 Lead Industries Development Council. Eagle House, Jermyn Street, S.W.1.
LMBA MARS MOA MOE MOH MOLNS MOS MOT MOTCP	Whitehall 7264 Mars Group (English Branch of CIAM). 46, Sheffield Terrace, W.S Park 7678 Ministry of Agriculture and Fisheries. 55, Whitehall, S.W.1. Whitehall 3400 Ministry of Education. Belgrave Square, S.W.1. Whitehall 3400 Ministry of Health. Whitehall, S.W.1. Whitehall 4300 Ministry of Labour and National Service. St. James's Square, S.W.1. Whitehall 6200 Ministry of Supply. Shell Mex House, Victoria Embankment, W.C. Gerrard 6933 Ministry of Transport. Berkeley Square House, Berkeley Square, W.1. Abbey 7711 Ministry of Town and Country Planning. 32-33, St. James's Square, S.W.1.
MOW NAMMC	
NBR NFBTE	94, Petty France, S.W.1. Abbey 1010 National Buildings Record. 37, Onslow Gardens, S.W.7. Kensington 7070 National Federation of Building Trades Employers. 82, New Cavendish Street
NFBTO	
NFHS NT	Street, W.C.1. Holborn 2770 National Federation of Housing Societies. 13, Suffolk St., S.W.1. Whitehall 2881/2/3 National Trust for Places of Historic Interest or Natural Beauty.
PEP RCA RIBA RS RSA SFMA	42, Queen Anne's Gate, S.W.1. Whitehall 0211/2 Political and Economic Planning. 16, Queen Anne's Gate, S.W.1. Whitehall 7245 Reinforced Concrete Association. 91, Petty France, S.W.1. Whitehall 9936 Royal Institute of British Architects. 66, Portland Place, W.1. Royal Society. Burlington House, Piccadilly, W.1. Regent 3335 Royal Society of Arts. 6, John Adam Street, W.C.2. Temple Bar 8274 School Furniture Manufacturers' Association. 13, New Square, Lincoln's Inn, W.C. Chancery 5313
SAC	Scientific Advisory Committee, Ministry of Works, Lambeth Bridge House,
SIA SPAB	Albert Embankment, S.E.I. Reliance 7611, Extension 1450 Society of Industrial Artists. 20, Wellfield Avenue, N.10. Tudor 7027 Society for the Protection of Ancient Buildings. 55, Great Ormond Street, W.C.1. Holborn 2646
TCPA	Town and Country Planning Association. 28, King Street, Covent Garden, W.C.2.
TDA	Timber Development Association. 75, Cannon Street, E.C.4. City 6147

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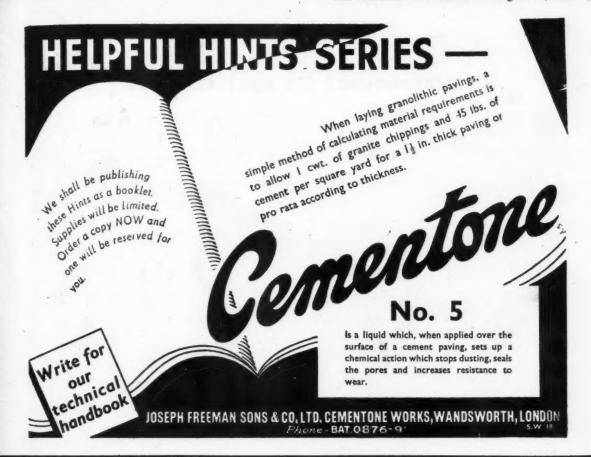
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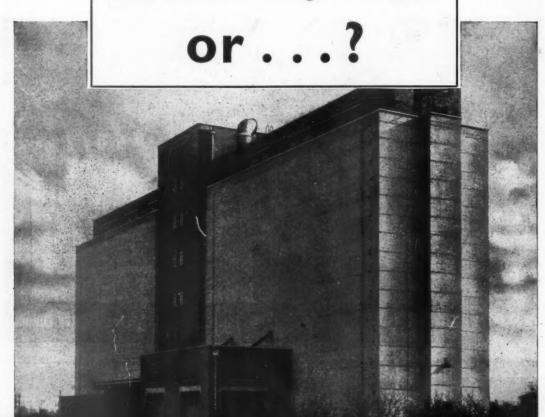








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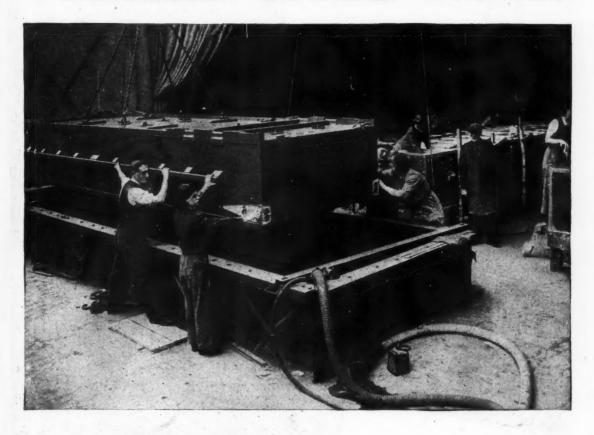
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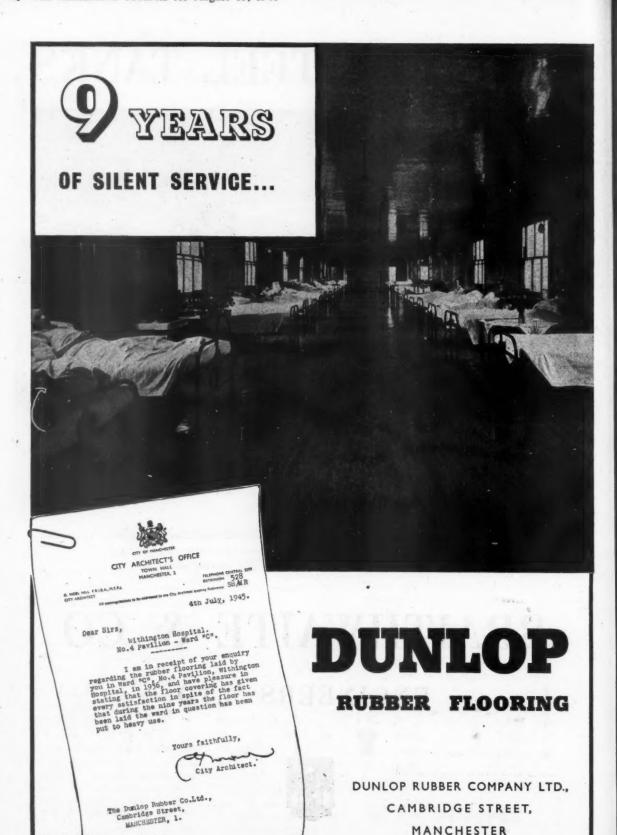
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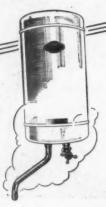
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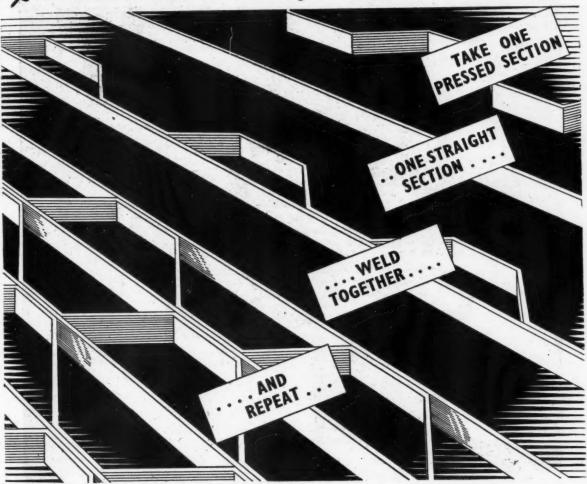
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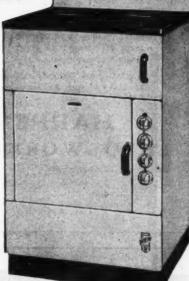
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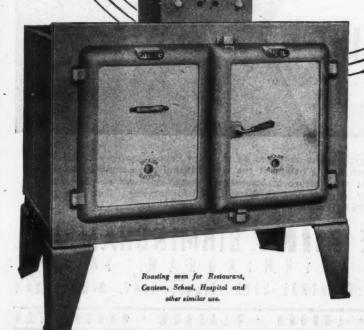
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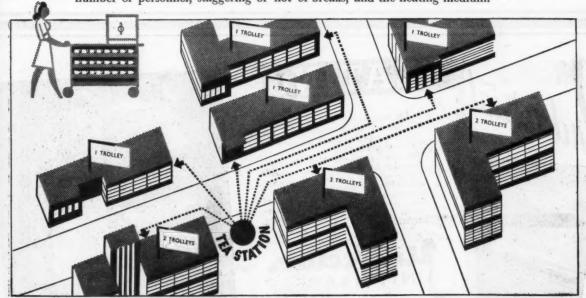
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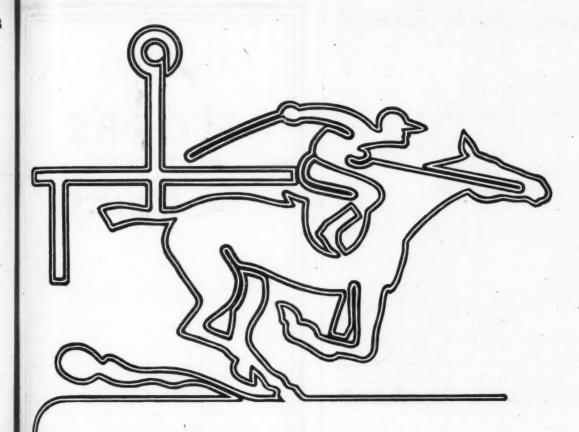
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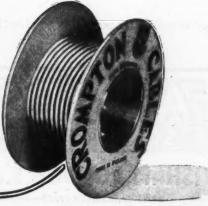




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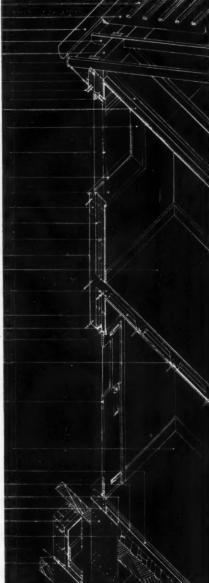
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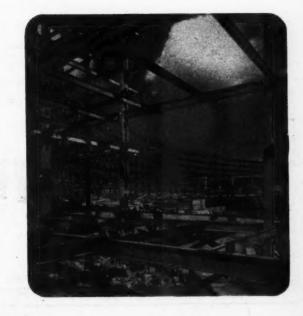


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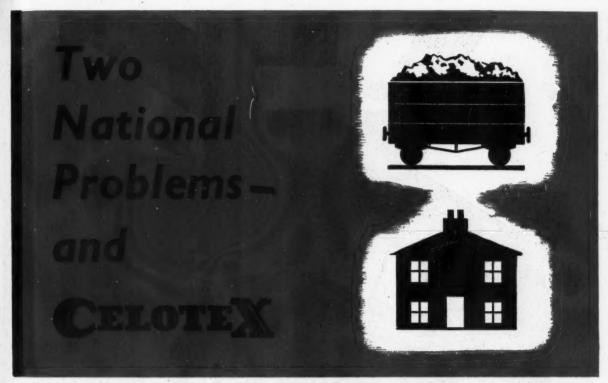
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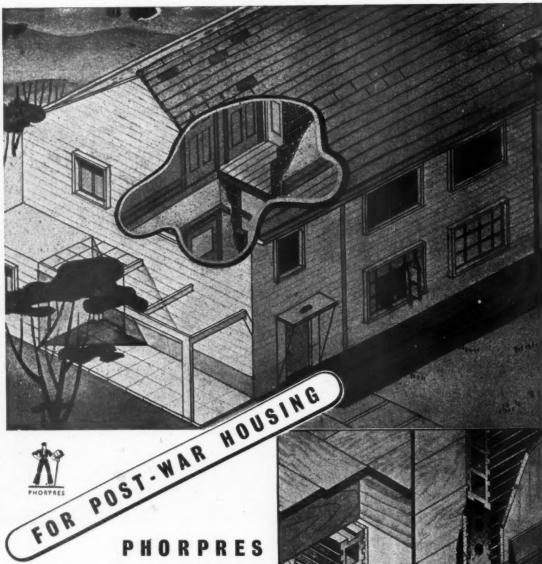
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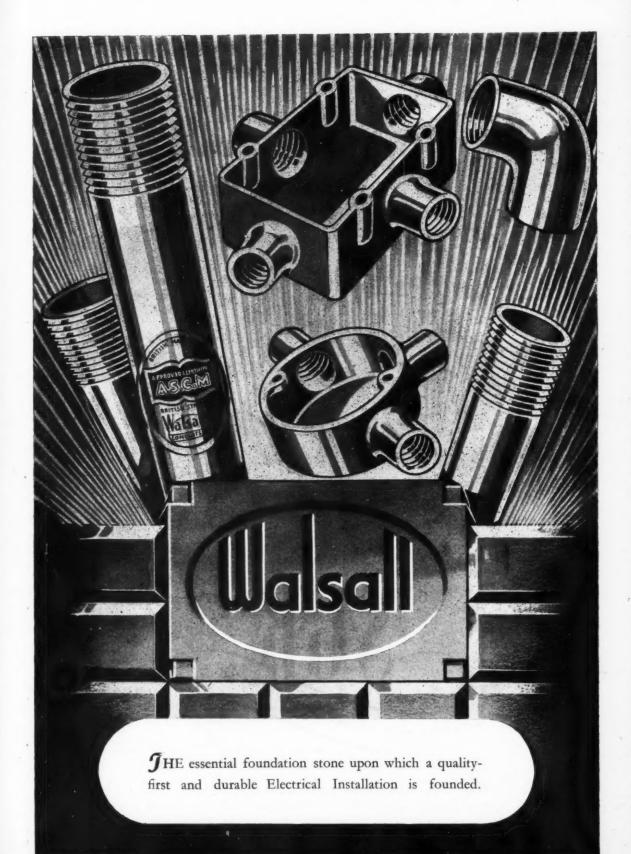
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order." Subscription rates: by post in the U.K. or abroad, £1 15s. od. per annum. Single copies, gd.; post free, 11d. Special numbers are included in subscription; single copies, 1s. 6d.; post free, 1s. 9d. Back numbers more than 12 months old (when available), double price. Volumes can be bound complete with index, in cloth cases, for 15s. each; carriage 1s. extra. Goods advertised in the JOURNAL and made of raw materials now in short supply, are not necessarily available for export.

DIARY FOR AUGUST SEPTEMBER AND OCTOBER

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

BATH. Recording Britain, South and West. At Victoria Art Gallery and Municipal Library. (Sponsor, the Arts Council.)

BOOTLE. Recording Britain. North and Midlands. At the Art Gallery. (Sponsor, the Arts Council.)

Aug. 15-31

BOURNVILLE. "News Chronicle"
Knutsford Exhibition. At the Schools,
Linden Road, Birmingham, 30. (Sponsor,
Bournville Village Trust.)
7 p.m. 10.30 a.m. till
AUG. 15-SEPT. 4

DERBY. The Engineer in British Life. At the Museum and Art Gallery. (Sponsor, the Arts Council.)

Aug. 18-24

DONCASTER. London Seen by French Painters. At the Art Gallery and Museum. (Sponsor, the Arts Council.)

EXETER. Summer Course on USSR.
At Hope Hall, Exeter University. To be opened by Mme. Gousev. Mme. Gamazina, Principal of the Soviet School in London, and other Soviet visitors will attend. Cost £5-10-0 for week. (Sponsor, SCR.)

FORFAR. Plans for an Art Centre. Exhibition. At Meffan Institute. (Sponsor, the Arts Council.)

Aug. 15-23

HALIFAX. History of Photography. At Bankfield Museum. (Sponsor, the Arts Council.) Aug. 18-28

H ASTINGS. XVIII International Congress for Housing and Town Planning. At the White Rock Pavilion. The
Congress and exhibition will be opened by
the Rt. Hon. Lewis Silkin, M.P., Minister of
Town and Country Planning. Subjects to
be discussed include Replanning the Centres
of New Cities—Some Examples of New
Plans; Housing Technique; Replanning the
Centres of Cities—Decentralization; Housing Economics; and Replanning the Centres
of Cities—Implementing the Plans. During
the Conference local tours and visits will be
arranged and after the Conference tours to
the North of England, the West and the
Midlands. (Sponsor, International Federation for Housing and Town Planning, 13,
Suffolk Street, Haymarket, London, S.W.1.)
OCT. 7-12

LONDON. Summer Show of Sacred Art Subjects. At the Church Artists' Agency, 25, Ebury Street, S.W.1. (Sponsor, CAA.) 9.30 a.m. to 5.30 p.m. Saturdays, 9.30 a.m. to 12.30 p.m.

Summer Exhibition of French and English Paintings, Drawings, Prints. At Redfern Gallery, 20, Cork Street, Burlington Gardens, W.1. AUG. 15-SEPT. 28

W.1.

Deana Levin. Soviet Schools. At the Masaryk Hall, University of London, Malet Street, W.C.1. (Sponsor, SCR). 8 p.m.

Aug. 20.

New Homes for Old Exhibition. At 22, Lower Regent Street, S.W.1. (Sponsor, HC.) SEPT. 11-Nov. 9

Swiss Planning and Building Exhibition. At the RIBA, 66, Portland Place, W.1. Organized with the co-operation of the foremost architects and associations in Switzerland. Building for work, building for recreation, housing, town and country planning, schools and hospitals are among the subjects to be covered. Other features will be the preservation of old and historic buildings and the countryside, and the re-planning of winter sports resorts, for which an extensive programme has already been started. How Switzerland makes the most of her landscape will be shown in a series of photographs.

SEPT. 19-OCT. 26

MORLEY. Furnished Exhibition House. At Winterbourne Estate, Victoria Road. (Sponsor, the Arts Council.)

PARIS. International Technical Congress. Among the delegates from Great Britain will be Sir Patrick Abererombie, President, International Reunion of Architects, and Sir Percy Thomas.

S ALISBURY. Plans for an Arts Centre.
At the Arts Theatre. 4.30 p.m. to 7
p.m. (Sponsor, the Arts Council.)

Aug. 26-31 SOUTHAMPTON. History of the British Playhouse. At the Art Gallery, Civic Centre. (Sponsor, the Arts Council.) Aug. 18-Sept. 7

S OUTHPORT. Theatre Guild. At the Little Theatre. (Sponsor, the Arts Council.) Aug. 18-28

S TOURPORT-ON-SEVERN. Regional Building in the United States. At No. 6 Formation College. (Sponsor, the Arts Council.)

AUG. 18-27

WAKEFIELD. Furnished Exhibition House. At Cyprus Mount, Newton Bar. (Sponsor, the Arts Council.)

WIGAN. Plans for an Arts Centre. (Sponsor, the Arts Council.) Aug. 21-Sept. 2

NEWS

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Though no feature in the JOURNAL is without value for someone, there are often good reasons why certain news calls for special emphasis. The JOURNAL's starring system is designed to give this emphasis, but without prejudice to the unstarred items which are often no less important.

means spare a second for this, it will probably be worth it.

* means important news, for reasons which may or may not be obvious.

Any feature marked with more than two

stars is very big building news indeed.

*

The Minister of Town and Country Planning has appointed the following Committee to advise him in connection with the development of a New Town at STEVENAGE, pending the holding of a Public Inquiry and the setting up of a Development Corporation under the New Towns Act, 1946: Clough Williams-Ellis, M.C., J.P., A.R.I.B.A., (Chairman); Dr. Monica Felton, Ph.D. (Vice-Chairman); J. D. Campbell Allen, B.A., Hinley Alkinson; Councillor Frank Corbett, J.P.; Alderman W. J. Grimshaw, J.P.; Councillor P. T. Ireton, J.P.; Mrs. Elizabeth McAllister, M.A.

XX

During the period between August 1, 1946, and January 31, 1947, the amount that can be spent without licence on building work on a property is RESTRICTED TO £10. In addition, not more than £2 may be spent on any property in any calendar month in the period (on a non-cumulative basis). These financial limits are contained in a new order (the Control of Building Operations (No. 7) Order, 1946; S.R. & O., 1946, No. 1150) which has been made by the Minister of Works, and are the same as those applicable during the six months' expiring on July 31, 1946.



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From AN ARCHITECT'S Commonplace Book

A NEW MAN NEEDS A NEW ENVIRONMENT. [From City Development, by Lewis Mumford (Secker and Warburg).] The task of our age is to decentralize power in all its manifestations and to build up balanced personalities, capable of utilizing all our immense resources of energy, knowledge, and wealth without being demoralized by them. Our job is to repair the mistakes of a one-sided specialization that has disintegrated the human personality, and of a pursuit of power and material wealth that has crippled Western man's capacity for life-fulfilment. We must provide an environment and a routine in which the inner life can flourish, no less than the outer life; in which fantasies will not be wholly dependent upon the film, in which the need for song will not depend wholly upon the radio or the gramophone; in which men and women will have a going personal life that is central to all their associated activities. We must create conditions of living in which the life of a parent will be as momentous and as full of interest and as valid as any other sphere of activity: a life with its own centre of gravity. We must offer more physical outlets, not merely for aimless play, but for sober manual activities: the work of the gardener, smith, carpenter, weaver, no less than potter, painter, or sculptor. Ironically, the introduction of these salutary arts is now delayed until a neurosis appears; whereas in a well-balanced life they are ways of guarding against a breakdown. All these needs must be expressed in our designs and embodied in our structures. In short, the ideal personality for the opening age is a balanced personality, one that is in dynamic interaction with every part of his environment, one that is capable of treating economic experiences and aesthetic experiences, parental experiences and vocational experiences, as the related parts of a single whole; namely, life itself.

The Minister of Town and Country Planning (Mr. Lewis Silkin), who has under consideration the provision of greater facilities for RECREA-TIONAL USE OF THE COUNTRYSIDE, is anxious that such use should in no way be detrimental cultural and other interests. The following letter has accordingly been sent to representative organizations of ramblers, cyclists, motorists, campers, youth hostellers and other holiday makers: "I am directed by the Minister of Town and Country Planning to say that he greatly appreciates the excellent work done in the past by the open-air associations in connection with the promotion of good behaviour in the countryside. There is no doubt that m the countryside. There is no doubt that many of the obstacles to greater recreational use of the countryside arise from a fear (for which there is, unfortunately, some justification) in the minds of country people that any great influx of holiday makers will result in annoyance and inconvenience for those who live and work on the land. This war, the subject is all the more investment. year the subject is all the more important because of the large increase in the number of holiday makers, and it is necessary to do everything possible to remove any appre-hension that this increase will lead to a greater amount of carelessness in the counstrate annount of carelessness in the court tryside. It is essential that every effort should be made to prevent the leaving of litter and broken bottles in fields, to avoid the danger of heath and woodland fires being started, to ensure that gates are not left open, crops damaged, fences broken, or any other nuisances committed. Your co-operation in achieving this end is invited and every effort your organization can take in this direction will have the fullest support of this Ministry.

The RIBA: In the United Kingdom 51 Competitors took part in the VICTORYSCHOLAR-SHIP en loge Competition. The following competitors have been selected to proceed with the final drawings for the competition:—Frank Booth (Leeds

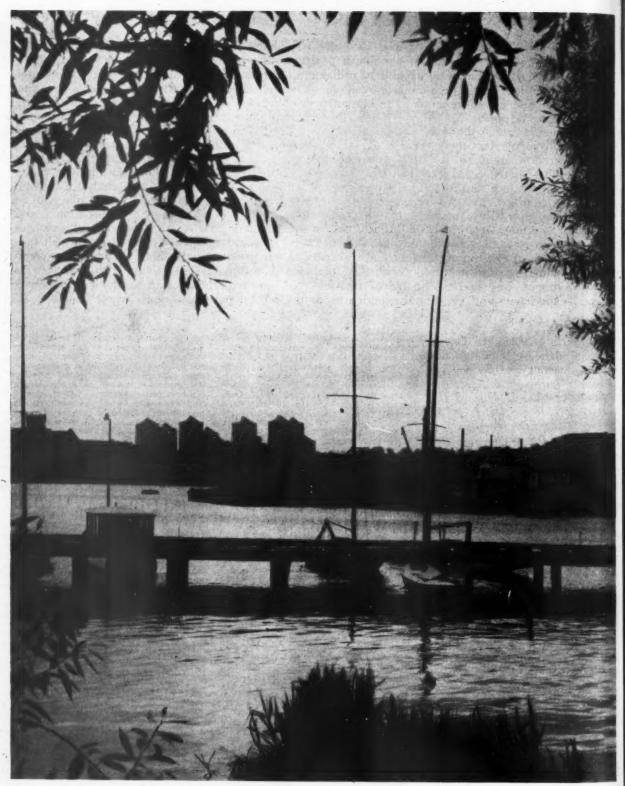
School of Architecture), Richard Brown (Liverpool School of Architecture), Miss Connie Clark (Hull School of Architecture), Robert Howrie (Department of Architecture, University of Sheffield), Vernon H. Lee (Liverpool School of Architecture), Richard W. Leggatt (Department of Architecture, Southern College of Art, Portsmouth), Tom L. Marsden (School of Architecture, University of Manchester), Thomas A. Peatfield (School of Architecture, The Polytechnic, Regent Street, London), Miss Mary K. W. Reader (Architectural Association, School of Architecture), William Smith (School of Architecture, William Smith (School of Architecture, University of Manchester), Phipps Turnbull (School of Architecture, University of Manchester), Phipps Turnbull (School of Architecture, Edinburgh College of Art).

The Minister of Fuel and Power in the House of Commons said he was now in a position to announce the constitution of the Committee of Inquiry in the METALLIFEROUS AND OTHER MINERAL RESOURCES of this country, and their development. The committee will have the title of Mineral Development Committee with the following Terms of Reference: "To enquire

into the resources of minerals in the United Kingdom, excepting coal, oil, bedded ironstone, and substances of widespread occurrence; to consider possibilities and means of their co-ordinated, orderly, and economic development in the national interest, and to make recommendations in regard thereto." The committee, which is predominantly technical in character, is constituted as follows: Rt. Hon. Lord Westwood, O.B.E. (Chairman); T. Balogh (Institute of Statistics, University of Oxford); A. R. Davies, A.M.INST.M.E. (partner in the firm of T. C. Horabin & Partners, Industrial Consultants); Professor W. R. Jones, D.S.C., M.NST.M.M. (Imperial College of Science and Technology, Adviser to Board of Trade (China Clay), Chairman, China Clay Working Party); L. C. Hill, D.S.O., M.C., A.R.S.M., M.INST.M.M., B.S.C. (Technical Adviser to the Board of Directors of Rio Tinto, Ltd.); Professor A. O. Rankine, O.B.E. (Chief Physicist, Anglo-Iranian Oil Co., Ltd.); Professor J. A. S. Ritson, D.S.O., O.B.E., M.C., M.NST.M.M., B.SC. (Professor of Mining, Royal School of Mines, Deputy Chairman of Coal Commission); Stanley Robson, M.NST.M.M. (Director of Imperial Smelting Corporation, Ltd.); Tom Steele, M.P.; Captain Peter Thornycroft, M.P.; and R. E. Yeabsley, C.B.E. (partner in the firm of Hill, Vellacott & Co., Chartered Accountants). The Secretary is Mr. W. C. C. Rose, M.S.C., M.INST.M.M., to whom all communications should be addressed at the Ministry of Fuel and Power, 40, Upper Brook Street, London, W.I.



Airey permanent prefabricated houses on the London County Council estate at Ching ford, Essex. Between the prefabricated concrete outer walls and the fibre board lining glass fibre is used for insulation.



Stockholm Skyline

In our issue for July 4 we published a general article on contemporary housing and planning in Sweden. In this issue we illustrate one particular flat scheme in detail, which was completed in Stockholm last year—that of

Danviksklippan. Above is a distant view of the scheme from Djurgarden, showing how the effect on the skyline of the nine informally placed Point Houses has been deliberately and conscientiously considered.

The Plan asked Park. house to con of FO comm the j measu the proof way way o include traffic) access heath, unculti tryside the sul Arthur Parks C.P.R. paths Epping M.T.P.I. tion, A in Eng hirst (mental forestr C.B.E. Ministr farmer Comm Execut Footpa Stephe Secreta membe Hostels the H Clerk

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-Ralp Scholar

The Minister of Town and Country Planning (Mr. Lewis Silkin) has asked the Chairman of the National Parks Committee, Sir Arthur Hobhouse, to appoint a sub-committee to consider and report on the questions of FOOTPATHS AND ACCESS TO MOUNTAINS. The subcommittee has been appointed with the following terms of reference:
To consider with due regard to agriculture, forestry and other essential interests, the measures necessary for: (a) the preservation and maintenance of existing rights of way; the provision where required of new rights forway (rights of way to include rights of of way (rights of way to include rights of way over both land and water but not to include rights of way enjoyable by vehicular and the provision of long distance and coastal footpaths; (b) the provision of access for the public to mountain moor, heath, down, cliff and common land, and uncultivated land generally, with particular reference to the recreational use of the countryside by the public. The constitution of the sub-committee is as follows:—Members of the National Parks Committee: Sir Arthur Hobhouse (Chairman of the National Parks Committee): Lt.-Col. E. N. Buxton, M.C. (National Trust representative on Standing Committee for National Parks C.P.R.E., Commons, Open Spaces and Footpaths Preservation Society, Verder of Epping Forest); John Dower, A.R.I.B.A., M.T.P.I. (President of Ramblers' Association, Author of Report on National Parks in England and Wales); Leonard K. Elmhirst (Leader of Dartington Hall experimental work in estate management, farming, tryside by the public. The constitution of hirst (Leader of Dartington Hall experi-mental work in estate management, farming, forestry, etc., since 1925); Sir William Gavin, C.R.E. (Chief Agricultural Adviser to the Ministry of Agriculture and Fisheries). Additional Members: Elwyn Jones (practical farmer, in Wales): Lord Merthyr (Welsh landowner, formerly member of Royal Commission on Local Government on Commission on Local Government on Tyneside, 1926); Francis Ritchie (member of Executive Committees of Ramblers' Assocation and Committees of Ramolers Asso-cation and Commons, Open Spaces and Footpaths Preservation Society); Tom Stephenson (Editor of Out of Doors, Secretary of Pennine Way Association, member of Executive Committee of Youth Hostels Association); G. Wheatley (Clerk to the Hampshire County Council, recently Clerk to the Cumberland County Council).

The RIBA announces that the following .MAINTENANCE SCHOLARSHIPS have been awarded for the year 1946-1947. RIBA 4th and 5th Year Maintenance Scholarship of £60 per annum, J. S. Millar, of Mold, Flintshire. RIBA Howe Green 4th and 5th Year Maintenance Scholarship of £40 per annum, A. J. Mellor, of Bournemouth. The Builder Maintenance Scholarship of £60 per annum, E. Sheard, of Leeds. The Maintenance Scholarships previously awarded to the following candidates have been renewed for a further period of one year:—G. S. Cornelius-Wheeler (Bartlett School of Architecture, University of London—RIBA Houston Maintenance Scholarship of £125 per annum). H. W. D. Burgess (Welsh School of Architecture, the Technical College, Cardiff—RIBA Houston Maintenance Scholarship of £125 per annum). P. T. Barefoot (Architecture—RIBA Houston Maintenance Scholarship of £100 per annum). Miss A. P. Broughton (Architecture—Ralph Knott Memorial Maintenance Scholarship of £45 per annum).

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THE NEW TOWN

THE New Town has passed from the stage of an idea under discussion to that of a project under way. The New Towns Bill became an Act at the end of last month and with the Royal Assent came the official notice that the Minister of Town and Country Planning has under consideration a draft Order for the compulsory acquisition of land at Stevenage. To complete the picture, the Final Report of the New Towns Committee* has been published. From these documents it is possible to see ahead the shadowy outlines of what should prove to be one of the most interesting experiments of this century.

Stevenage is not a first experiment. Letchworth and Welwyn Garden City are the two existing new towns of this century. Swindon and Darlington are examples of the nineteenth century at work in this field. None the less Stevenage is a radical departure. For the first time the State has accepted responsibility for such an experiment and devized a new and specific piece of machinery, the Development Corporation, to carry it out. Behind the development corporation are the resources of the State. It will have, what other experiments have lacked, the capital necessary to create a town in one piece, factories, houses, roads, services, cinemas, and dancehalls. That is the thing which has never happened before, and it is this single fact which marks 1946 as a year legitimately to be described as revolutionary.

The architect and planner can feel a considerable degree of assurance in many of the fields connected with this experiment. The New Towns Committee's Report is a reassuring document. It has both a breadth of view and a grasp of detail that make it an invaluable guide to those who have the major responsibility for the actual job.

The skill and experience of every architect and engineer are at call, for few members of either profession would not feel it an honour to take some part in the building of the new Stevenage. But there is one aspect of the problem which overshadows all the others and it is one which will be most difficult to solve. The real problem is to create a new town, not a new skeleton of bricks, steel and concrete. Stevenage is designed to give the men and women of North London a new home. Tottenham, Finsbury, Clerkenwell are not only assemblies of bricks and mortar. They are communities. How can those communities, as opposed to the individuals in them, be translated to Stevenage without dying in the process?

The problem of every New Town will be a problem of public relations in its widest definition. So far the Ministry of Town and Country Planning has not displayed a very acute awareness of how much public relations matter. The initial trouble at Stevenage was largely its own fault, even though the discontent of the existing inhabitants was afterwards somewhat exaggerated in the Press. Fortunately, the New Towns Committee itself has no doubts as to its importance. Its

[·] Command 6876. HMSO, 1s. 3d.

view is that one of the five chief officers of the development corporation should be a public relations officer. The old and the new Stevenage must grow up with an understanding of each other lest, like a family into which a child is adopted, the intruder is forever aware of the resentment of the established, often long after it has died away. There is no quick or easy answer, but ultimately its solution depends upon explanation. What is being done at Stevenage is being done with a good purpose and it would be an insult to the present inhabitants to suggest that they would resent the changes in their town once they really understand the reason behind each event. For the rest of us, we must do what we can to make 1946 a year which will be remembered, not for its Peace Conferences or its Social Insurance Acts, but as the year in which the rebuilding of Britain really started.



The Architects' Journal

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

Phone: Whitehall 0611

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A PARIS CLUB FOR ARCHITECTS

A colleague recently returned from Paris reports that No. 12, Rue Mallet-Stevens, which was, you may remember, the architect's own house and studio, is shortly to be opened as a club for architects, painters, sculptors, and all those who practice or are interested in the arts. The project, which is designed as a memorial to the late M. Mallet-Stevens, has attracted wide support, and our informant was asked to say that foreign architects visiting Paris will be especially welcomed at the club, which will be open from 3-8 p.m. on Tuesdays, Wednesdays, Thursdays and Fridays each week.

Rue Mallet-Stevens has apparently survived the war in good shapethough one of the villas housed some of the deadlier activities of the Gestapo for a time-and No. 12, where Madame Mallet-Stevens still lives, is as gay and elegant as ever behind its brilliant yellow curtains. Peering from behind them across a tangled garden opposite, you can just see, we are told, a pink gothic style gazebo which today houses the famous architect M. Lods, while below, and to the left, the sculptors Martel bang away at the new monument to Debussy. It is as you see a congenial neighbourhood. The premises are architecturally distinguished and the welcome found there is warm and genuine. The Club Mallet-Stevens, concludes our correspondent, is clearly all set for success, and we add our own good wishes for its achievement.

After the eerie experience of being the current Architectural Review by a perfect stranger (carrying a guitar) in the aircraft which brought him home, our man could not be persuaded to reveal any more news from Paris—except that the Existentialists (remarkable for their large plastic-rimmed spectacles) gather at a café which is next to, but definitely not part of, the Deux Magots, that there is a notable exhibition of tapestries, new and old, on show, that skirts are shorter, heels are higher, coats are longer, tartan parasols are practically obligatoire, that the demonstrating students carry horses' heads on the ends of sticks, and that the principal window of Galeries Lafayette contains a mannequin in full evening dress with a bunch of roses instead of a head.

Didn't Dali do a painting of this very thing against a background of Trafalgar Square lions?

He also reports crossly that even when, after superhuman efforts, you remember that C on a French tap stands for HOT, as likely as not the plumber still wins by connecting the hot water to the tap marked F.

ARCHITECT IN THE LIMELIGHT

This column has frequently recorded the appearance of hypothetical architects in the advertising columns of the popular press; but real architects in the editorial columns are much rarer. A noteworthy (and praiseworthy) exception is to be found in a recent number of *Outlook*, the monthly magazine published by the Nuffield Organisation, which devotes its first double-page opening to a feature on Mr. Clough Williams-Ellis.

On my right, an excellent portrait of W-E with pipe, tweeds and a far-away look. On my left, a page of text by John Grantley on the varied interests of W-E. For this article does not deal with him solely as an architect, but as "a paradox of a man... who has been soldier and pacifist, architect and hotelowner, lover of the countryside and advocate of fine factories, admirer of craftsmanship and defender of mass-production."

There is, naturally, a good deal of personal stuff about lounging ease of manner. Morris blue shirts, cavernous eyes and a vast voice; but the article does give an intelligent interpretation of an intelligent architect's views on the building and scenery that surround us. And it couldn't be more appropriately published anywhere than in a journal appealing largely to motorists, whose influence on architecture has not, on the whole, been beneficial.

OH AND AH

Like Chad, the pin-up girl was a ubiquitous feature of service life. In barrack-room and hut, upon, below and above the sea, she could be found in her conventionally alluring poses and her traditional uniform of satin,

patent and of white ever, l no exp remino statisti us are length

In an

demannewsag placed wallpa reprod copywi wonder answer paper (told, " ah's."

The I noises room satin-sr stockin Arteral up girl the corthe A Fashion Gibson Lewis I all, like to dust

From the

patent leather, fur, and silk stockings, and clasping her wand of office—a white telephone. Unlike Chad, however, her origin and popularity needed no explanation. Men, we are so often reminded, only want one thing—but statistics prove that a great number of us are prepared to settle for a full-length Betty Grable, glossy-finish.

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In an attempt to canalise this wartime demand away from the back-street newsagents, an American company has placed upon the market a Pin-Up girl wallpaper. An advertisement for it is reproduced below. "Who" cries the copywriter excitedly, "dreams up these wonderfully clever ideas?" The answer, of course, is the Artcraft Wallpaper Company, whose designs, we are told, "win many appreciative oh's and ah's."

The Pin-Up girl paper wins no such noises from me. Sitting sourpuss in a room momentarily, at least, bare of satin-smooth rumps and openwork stockings, I smell failure in this latest Artcraft venture. What use is a pinup girl at the level of the skirting or the cornice? And for how long will the Artcraft girls look desirable? Fashions in women are transitory. The Gibson girl, the Kirschner girl, the Lewis Baumer girl, the Petty girl must all, like wallpaper manufacturers, come to dust and what more unsophisticated

object could you find than a rumpusroom decorated in old-fashion wallpaper?

No, sir. Plan our houses, our health, our education. Plan, if you must, our leisure. But for goodness sake let us choose our own pin-up girls, pin them up ourselves, rip them down ourselves. Let them, sulky or saucy, tempestuous or pert, rough or smooth, be the mirrors of our own taste in woman, and not that of the Artcraft Wallpaper Company.

JOBS IN BWI

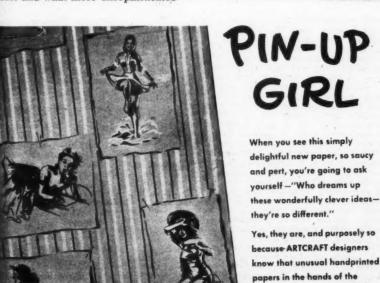
On a visit from the West Indies is Mr. Gardner Medwin, Architectural Adviser to the BWI Comptroller for Development and Welfare. He is on the look-out for some bright and qualified boys over here to help in rebuilding and planning the West Indian Colonies—a Building Research Officer, a Planning Officer for Jamaica, and an Architect for the Windward Islands.

A chance here for adventurers who want a job with scope at about £1,000 p.a. in a part of the world where, though living costs may be a bit higher than in England, income tax is much lower, and where the sun shines regularly. For more details, watch Situations Vacant.

ASTRAGAL

imaginative decorator result in

interiors which bring many



From the American Arteraft Wallpaper Company's advertisement of its latest wallpaper design on which Astragal comments above.



LETTERS

Nathan Fielker

G. B. J. Athoe,

Secretary, the Incorporated Association of Architects and Surveyors

E. L. Fifoot, D.S.O., Major, Chairman, Waste Paper Recovery Association Ltd.

Crystal Palace Competition

SIR,—I am surprised at an architect of Mr. Granger's experience expressing such views in connection with the above competition. Is the architectural profession to become a secret society ruled by the hegemony of the RIBA and the neo-classic school of architects?

The assessors decided that the elevations of the winning scheme did not accord with the standard of the plan and no architect other than such as I have described would disagree with their decision.

other than such as I have described would disagree with their decision.

Should we, who would like to describe ourselves as contemporary, be deprived of the opportunity of expressing our views without being thought by the public—who should have a voice—as being foolish and at loggerheads?

I do not wish to raise a controversial issue on the merits and demerits of criticism, but in my opinion, the views so far expressed on this subject should encourage the public to believe that the architectural profession is alive to the need for buildings which express their function and is not constipated by the "palaces" of the past.

express their function and is not constipated by the "palaces" of the past.

The original Crystal Palace was an example of good engineering in architecture and prefabrication in building and served a very useful purpose.

We are progressing. Only the public expression of views, controversial or otherwise, amongst the profession will bring about the consciousness of the general public to the architect's place in building.

London NATHAN FIELKER

Housing In Iceland

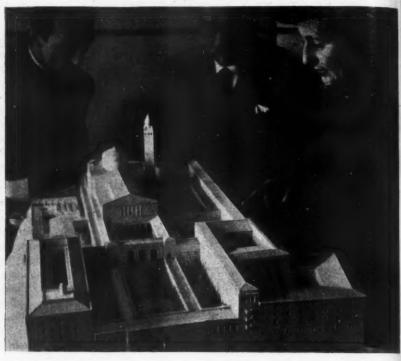
SIR,—A member of this Association, who has just returned from a visit to Iceland, reports an amazing situation in regard to

MONTE CASSINO RISES AGAIN









The Monastery of Monte Cassino was in the news in the spring of 1944, when it became a German stronghold. It suffered complete destruction, but already the debris has been cleared and plans are ready for rebuilding. A hundred German prisoners of war, who are Roman Catholics, have volunteered to help the monks rebuild this Benedictine Monastery under the supervision of Polish soldiers. Top, left, Italian workmen putting the roof on the temporary church. Centre, left, a Polish woman and a Polish officer among the German prisoners of war. Below, left, the Abbot Ildefenso-Rea, who survived the battle of the Monastery, leads his priests through the ruins on a tour of inspection. Above, Father C. B. Hughes, Commendatore Leonardi Costelli, the engineer on the job and the Duchess Lante Della Rovers, inspecting the model of the new monastery.

housing. The shortage is acute, not, of course, owing to enemy action, but mainly owing to the exceedingly rapid increase in the population.

In the country more farmhouses are needed, or extensions to existing ones. There are no towns of any real size except Reykjavik, the capital, which, with a population of 45,000—it was only 23,000 in 1928—is growing at the rate of 1,000 a year. Concrete bungalows, all cut to a pattern, are spreading out, but all the work attached, such as it is, is restricted by the Municipality to Icelandic architects under the supervision of an official town-planner. As the average family seems to run to four or more children before the parents have turned 30, four rooms, the prevailing ration, seems fnadequate.

Our member takes his hat off to the hotwater system by which many natural geysers are harnessed to the domestic water supply. You turn on your bath, and get it hot from a geyser perhaps 12 miles away. The scheme, which cost £1,500,000 four years ago, is reckoned to pay for itself in another six, but prices of everything are fantastic, and so are wages—inflation gone mad.

When boys in factories, whose job is to fetch the "elevenses" and not get in the way of the workers are paid 40 shillings a day, it is not surprising that a dwelling, which in England would fetch £2,000 is scrambled for at £8,000.

Our member, who did not notice a single brick building, heard of what may or may not be mere superstition—namely, that brick does not stand up to earth tremors, alleged to be recurrent. As he did not come across anybody who had experienced anything of the kind, he fancies the real truth is that brick has never come within the scope of traditional Icelandic architecture and that artisans and labourers earning princely money could not be induced to give up their jobs to learn a new trade; consequently, even if Iceland had free bricks, she would have nobody to lay them. Finally, our member was introduced to an interesting book, in appearance not unlike our English telephone book, which is on public sale and which contains the names of every adult in Iceland and against the name of each the amount of Government taxes and municipal rates, etc., which he pays. As the rate of assessments is, of course, public knowledge, anybody can see at a glance what anybody else's income is. Our member noticed that an architect of not exactly world-wide repute had paid £3,000 in a twelvemonth, and was vaguely thinking of setting up practice in Iceland himself until he reflected that bed, breakfast and bath at his hotel were costing him

G. B. J. ATHOE, Secretary, The Incorporated Association of Architects and Surveyors.

£2 a night and that a haircut was 8s. 6d.

London

Waste Paper

SIR,—If the needs of our expanding home and export trade are to be met, manufacturers of consumer goods require increasing quantities of the wherewithal to protect them. Unfortunately, due to the decline in the collection of waste paper since the cessation of hostilities, there is a serious shortage of the wrapping paper and cardboard necessary for this purpose.

sary for this purpose.

It is for this reason that I now appeal for your aid in the drive to stimulate the recovery from our homes, offices, factories and warehouses of every scrap of unwanted paper in the shape of out-of-date records, files and books which this organisation at the request of the Board of Trade is arranging.

arranging.

An intensive paper-chase will not only assist very materially in the national recovery, but also hasten the day when all grades of paper can be released in greater quantities.

If, after the greatest of spring cleanings in this direction, there is difficulty in disposing of the accumulation we shall be pleased to give the name of a reliable waste paper merchant. We can also provide copies of a leaflet which tells office and accounts departments precisely which records it is safe to discard.

Chairman, Waste Paper Recovery
London.

E. L. FIFOOT.
Association Ltd.

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This is the sixth of the series of commentaries on the Government's housing returns, published by the Ministry of Health and the Department of Health for Scotland, and on the tables published in the Digest of Statistics which is being issued month by month. The object of the series is to supply a factual and unbiased interpretation of the official figures by an expert statistician. He covers such matters as the rate of provision of new housing, the amount of housing under construction and begun, and the labour and materials position.

H O U S I N G STATISTICS

A MONTHLY COMMENTARY ON THE OFFICIAL RETURNS—6

Ian Bowen

By the end of June there were in Great Britain 14,918 Permanent and 35,139 Temporary houses completed. In addition, space for about 115,707 family units was found by repair of unoccupied war-damaged houses, by conversions and adaptations, and by the building of emergency huts. Since the end of May there was an increase of 3,537 Permanent and 4,502 Temporary houses, and for 7,202 more family units space was otherwise provided.

Completions have proceeded at the following rates:-

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TABLE I Monthly Rate of Provision of New Housing in Great Britain, March-June, 1946

		March	April	May	June
Permanent Housing— Local Authority schemes Private enterprise War-destroyed houses rebuilt		468 992 192	774 1,338 424	634 1,768 373	1,124 2,091 322
Total Permanent Housing	::	1,652 4,464	2,536 5,017	2,775 4,438	3,537 4,502
Total (Permanent and Temporary)		6,116	7,553	7,213	8,039

The total new housing provided in a month thus resumed its upward trad, after the set-back in May. Most of the rise was due to an improvement in the rate of provision of Permanent houses, 762 more houses being finished in June than in April. The figure for Temporary house completions failed to increase very much, and this part of the programme is still disappointing; as many critics have said, there is a danger that the whole purpose of the temporary housing scheme will be defeated, if completions are not speeded up.

HOUSES UNDER CONSTRUCTION AND BEGUN

At the end of June there were 102,000 Permanent houses under construction in England and Wales, and over 15,600 in Scotland, about 118,000 in all. This was some 15,000 more than were under construction at the end of May, and since 3,537 houses were finished in June, about 18,500 must have been begun in that month. The figures for Houses Begun in each month may be set out as follows:—

TABLE II Houses on which Work Began, April-June, 1946

27	April	May	June
Permanent Housing— Local Authority schemes	5,300 1,900	14,100 6,500 2,100 7,500	12,600 4,700 1,300 6,600
	27,200	30,200	25,200

Thus the most striking feature of the June returns is that only 18,700 Permanent houses were begun instead of 22,700 in May. There was a decline of 1,500 in the number begun by Local Authorities, and of about 1,700 in the number begun by Private Enterprise. Some 6,600 Temporary houses were begun in June, and, just as in May and April, the numbers begun far exceeded the numbers finished.

TEMPORARY HOUSE PROGRAMME

Diagram I shows, for the Temporary House programme, figures of houses begun and finished since the beginning of the scheme. Up to the end of April, 1946, there was some rhythm in the programme; houses finished caught up with houses begun some three months later. Since then something seems to have gone wrong with progress. More and more new houses have been begun, but the rate of completion has seriously halted its upward growth. What is the trouble? Is it insufficient labour on the site, or low output, or delays in the delivery of materials and components? Statistics are not available for a diagnosis; but at least it may be observed that the labour on Temporary housing has increased only from 38,900 in April to 39,300 in June, while the number of Temporary houses under construction has increased from 21,175 to 26,335—400 more men for 5,000 more houses in hand.

Thus for every extra 100 houses under construction the Ministry of Labour has only provided 8 additional men. Unless these men have the strength of Hercules, results are likely to be rather slow in appearing. Is this what is called a planned man-power programme?

PERMANENT HOUSE PROGRAMME

Diagram II shows Permanent Houses Begun and Finished each month for the Local Authorities and Private Enterprise sections of the Programme. There still seems to be very little relationship between houses begun and finished on the Local Authorities' scheme.

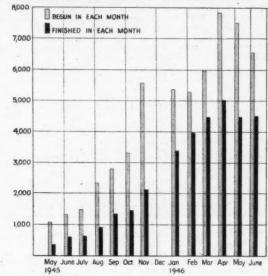


Diagram I. Temporary houses begun and finished each month.

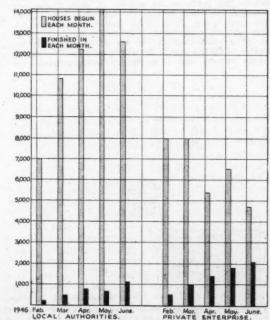


Diagram II. Permanent houses begun and finished each month.

Houses should not take more than 6 or 7 months to complete, on the average, so completions should build up to 7,000 a month for Local Authorities at latest by September. So far there is no indica-

tion of any such view of progress.

As so frequently emphasised in these notes, the housing problem cannot be solved by approving schemes, or even by merely beginning large numbers of houses. The planning of the work in hand is necessary. There are some signs that this is at last being realized; 127,400 men were employed at the end of June on the 115,000 houses in hand a ratio of 111 mere to seek 100 houses under construction. in hand, a ratio of 111 men to each 100 houses under constructionnot good, but certainly a slight improvement on the 1:1 ratio.

LABOUR SUPPLY

There were already over a million persons in the industry at the end of April ("total man-power"), and by May this figure was 1,115,000 persons. To get some idea of the size of this labour force, it should be compared with the whole of manufacturing (6,637,000 persons), or with mining and quarrying (791,000), or with agriculture (1,015,000 persons). It is not only a very large figure, but a high percentage of the country's man-power. Furthermore, it is clearly out of proportion to the materials available now, or likely to be available for some time. for some time.

Thus, the time must be approaching when it becomes a relevant question whether or not to turn off the tap of special adult recruit-ment to the constructional labour force, and exercise some care in the use of the labour already there. Is it really distributed to the best advantage? Could not the repair programme be cut down a little? Could not more labour be directed to Tor Could not more labour be diverted to Temporary housing, and the programme completed?

The employed operative building labour force was employed in

each selected month as follows:

TABLE III

	Total	(1) On Permanent New Housing	On Temporary Housing	(3) Other housing work	(4) Other work
July, 1945	 535,000	4,200	14,500	325,200	191,100
Jan., 1946 April, ,, June, ,,	 721,000 820,000 890,000	34,400 84,000 127,400	36,800 37,500 39,300	364,200 378,600 365,100	285,600 319,900 358,200

Column (3) includes site preparation, war damage and ordinary repairs to houses (the latter being a very rough estimate), and "conversions and adaptations to houses, etc." (also a very rough estimate). Column (4) is a residual figure. It covers new building or repair work (whether ordinary or war damage) on all buildings other than dwellings (houses or flats).

The changes in the figures since July, 1945, are interesting. While the total increase of labour on Permanent new housing is only 123,200, the increase on "Other Work" of all kinds is 167,100. Thus there has been no effective priority for labour on new housing, in the first twelve months of the post-war housing programme; this was perhaps due partly to the absence of plans at the beginning of the period, but there seems very little substance in any such argument from March, 1946. From then on the position has been that there were many thousands of houses under construction, most schemes being under-manned. As the Parliamentary Secretary to the Ministry of Health said in the debate of July 30: "We discover that private industry sees to it that, in building houses for sale, The changes in the figures since July, 1945, are interesting.

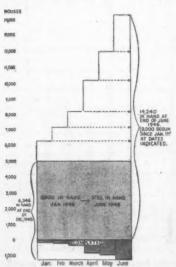


Diagram III. Permanent houses under construction and completed by local authorities in Scotland.

more men on the average are employed on each house than are employed on local authority houses for which they have accepted contracts. At the present time, there are roughly one and a high men per house employed on houses for sale, to every man per house to be built for the local authorities." This amounts to an admission that local authority schemes are under-manned to a greater degree than private industry; and, for this, local authorities and the Government departments concerned must take some of the higher. ment departments concerned must take some of the blame.

PERMANENT HOUSING IN SCOTLAND

The following table brings together figures for the Scottish housing programme for the months January to June:—

TABLE IV

Permanent Housing: Under Local Authorities' Schemes, Scotland Houses Under Construction: December 31, 1945, 6.246

		Labour employed	Houses completed	Increase in Houses under construction	Houses begun
Jan. Feb. March	• • • • • • • • • • • • • • • • • • • •	 6,400 7,600 9,300	132 58 172	1,115 815 850	1,247 873 1,022
April May June	* * * * * * * * * * * * * * * * * * * *	 10,000 12,000 13,500	444 105 331	1,526 1,668 2,020	1,970 1,773 2,351
		58,800 (men-months)	1,242	-	0,236

Houses Under Construction: June 30, 1946, 14,240

Thus in Scotland 1,242 houses were completed in the six months. At the end of the period there were 14,240 houses under construction and 13,500 men engaged, an average of distinctly over one house to each man employed.

each man employed.

It may reasonably be assumed that the 1,242 houses completed came out of the "stock" of 6,246 houses under construction at the beginning of the period. Hence there still remain no less than 5,000 houses, "under construction" in December, 1945, which were still under construction at the end of June, 1946. The average rate of completions of houses was only 200 houses a month in this half year; this rate might be stepped up to 500 a month over the next twelve months—and, at that rate (which is optimistic), it would take another ten months to finish off the houses in hand last December.

It follows from this that houses must be taking a very long time to It follows from this that houses must be taking a very long time to complete. In fact, on these figures, the average time to complete must be of the order of 18 months to two years, and output must be well below the pre-war average of one house completed per man-year of employment. (At 18 months it works out at .69 house per man-year.)

per man-year.)

The Scottish position is only a rather exaggerated case of the general position. It may be very gratifying, politically, to have the maximum number of houses put in hand, but people want to live in houses completed in a reasonable time. Progress must be improved, or costs will rise, and the delay in completions will become a serious source of difficulty with the financial side of the housing problem. It might in the long run be wiser to start fewer houses, and complete those started more rapidly, or, better still, increase both labour on housing and the numbers begun and finished.

MATERIALS—BRICKS AND PLASTERBOARD

An official estimate of brick stocks at the end of June was 373 An official estimate of brick stocks at the end of June was 311 million bricks, which it was anticipated would decline by 73 million bricks by the end of September (Hansard, July 30). Previous Parliamentary answers gave the stocks of bricks at the end of February, 1946, as 825 millions, so that from February to July stocks randown at the rate of 113 millions a month, on the average; and in March it was thought that the building programme would need 560 million bricks a month by June (Hansard, March 25). This apparently was a serious miscalculation, as only 360 millions were in fact used in June, but presumably the programme will get into apparently was a serious miscalculation, as only 360 millions were in fact used in June, but presumably the programme will get into its stride in a few months, which means that in a few months the 560 millions demand may be realized. But a large demand for bricks over the next few months is difficult to reconcile with a decline in stocks of only 25 millions a month from July to September. Is it not likely, according to all the previous official figures just quoted, that the July 20 forecast was too optimistic, and that stocks will fall considerably below 300 millions? If so, a fresh official statement should be made, because low stocks will inevitably mean local delays and shortages, unless imports fill the gap.

Plasterboard was being produced at the rate of 700,000 square yards per week at the end of March. Extensions to capacity, then announced to be taking place, did not (even in conjunction with the

yards per week at the end of March. Extensions to capacity, then announced to be taking place, did not (even in conjunction with the increased output of existing capacity), suffice to meet the requirements of the building programme in July, for the use of plasterboard in traditional houses had to be restricted. Present targets and production are not published.

But is plasterboard really shorter in supply than plaster or plasterers? Some figures on this point would be of great value, but correct excellents.

but are not available.

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PHYSICAL PLANNING SUPPLEMENT



PLANNING CANADA

JOHN, SAINT NEW BRUNSWICK GREATER WINNIPEG

Many Canadian cities are realizing the necessity of producing Master Plans to guide their growth and improve their existing structures. The progress which has been made with the replanprogress which has been made with the replanning of Saint John, New Brunswick, and the Greater Winnipeg area, is reviewed below, and indicates the general trend in Canada where the planning movement is rapidly gaining ground. In the case of Saint John, hitherto a small and rather backward city, some of the physical proposals in the Master Plan have already been put into effect, including the slum clearance programme; J. Campbell Merrett was the Director of the Planning Staff and Harold Lawson the Consultant. Winnipeg, the Gateway to the West, stands at the threshold of a vast agricultural, mineral and fur area; Eric W. Thrift is the Director of the Planning Staff, and Earl O. Mills the Consultant. Above, a view Earl O. Mills the Consultant. Above, a view of the Old Court House facing King Square in Saint John.

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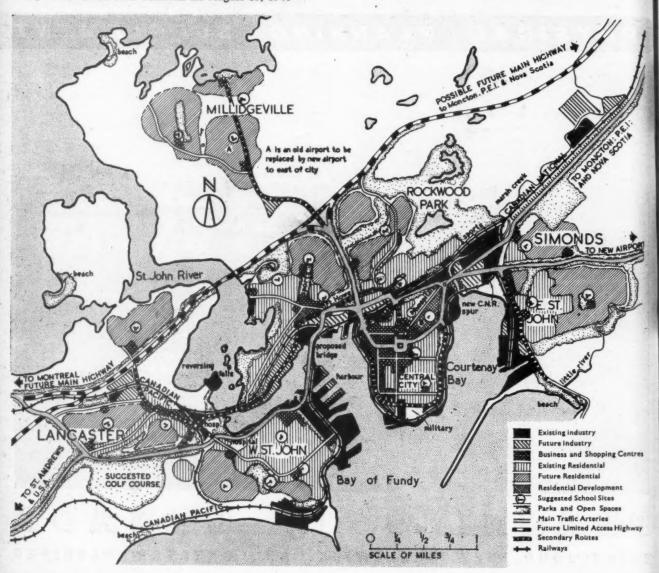
alue,

The planning problems in Canada are altogether different from those in England; the scale of the physical pattern and the majesty of the scenery constitute in themselves influences that are not present in the same way in this country, apart from the more obvious differences in the towns where the passage of centuries has created a background which is difficult to attempt to alter in England. America also strongly influences planning in Canada, whereas over here we can study her work with interest without being swayed by

There is one point, however, which American practice. appears to be well established across the Atlantic—the realization that the people must participate in the planning—an idea which is slowly gaining ground in this country, although lamentable lapses still occur.

SAINT JOHN

The city of Saint John, New Brunswick, is one of the most important in Canada, and the busiest all-year Atlantic port. Hemmed in between the Bay of Fundy and a rocky bluff, the city in expanding had to squeeze out sideways, with the result that three isolated sections have grown up, West Saint John across the harbour, East Saint John around Courtenay Bay, and the old city badly overcrowded on its hilly peninsula in the centre. All are linked by a single bottlenecked thoroughfare with five level railway crossings in it. Open land stretching out to the river only three miles away to the north lies idle because it lacks easy access and services. These are the main problems which faced the Town Planning Commission set up to prepare a Master Plan, and which has now issued its preliminary report. The Commission is representative of all sections of the public, and there is a Planning Staff under J. Campbell Merrett as Director. In the City pattern itself there are many features which require improvement, for example traffic circulation and the provision of new residential Another urgent requirement is the introduction of



MASTER PLAN . SAINT JOHN

The Master Plan for Saint John illustrates the basic planning proposals for this city, at present handicapped by overcrowded land; by twisting, narrow and congested traffic routes; and by lack of new areas for expansion. These problems have resulted from its location—the old city on a hilly peninsula bounded on three sides by water, and on the north by a low valley and a rocky escarpment.

adequate playground and recreation facilities for both young and old.

housing and slum clearance

Two areas have been marked as being badly overcrowded and containing a majority of sub-standard housing, and it is proposed that these shall be developed under a slum clearance programme. One area adjacent to the railway and harbour being unsuitable for housing; under the Plan it is scheduled for industry in part, and as an open park where there is a very steep hillside. The other area will be redeveloped for low-rental housing, with the main heavy traffic route diverted to one side. It is estimated that there will be an increase in population of 10,000 persons over the next twenty to thirty years, and to allow for this, and relieve present overcrowded and sub-standard districts, new residential sites are proposed in East Saint John, in Lancaster, and in the City to accommodate a total of over twenty thousand persons. The new residential pattern is based upon the neighbourhood unit

principle, linking up a system of schools to cover the City. The layout of these new areas represents a considerable advance on the gridiron influence which reproduced itself as a matter of course across the Atlantic.

traffic

A number of proposals are outlined in the Plan to solve the various traffic problems, the most obvious immediate requirement being a viaduct over the railway tracks at Union Station. A direct route to West Saint John to replace the ferry and to shorten the present route is suggested across a new bridge over the river, and will be continued to form a new highway outlet to the west. It is envisaged that a time will come when even this new route will prove inadequate, and a major highway project with a further bridge over the river is suggested as a swift limited access road from the east and west giving direct access to the city, avoiding four miles of congested development, and providing the tourist with a scenic drive. Various local traffic improvements are proposed

as well, incroundabout the flow of tion of truct considered, industries a sary. Rail line direct proposed n will save the

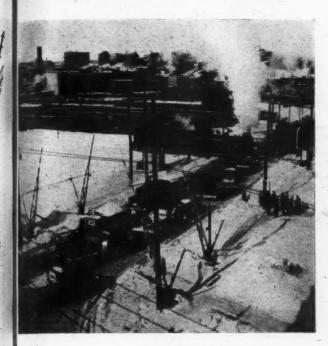
industry

The Com additional portation. sections of be conveni yet separat harming th release of added adv required in fishing pro reconstruc the central hand, inte by provid centres w stores, me

The urba dential ne church site park facili adults as playgroun recommer John resp games an complete be a featutaken of providing

most plea

The Rep



Left, one of the main traffic bottlenecks in Saint John; the train gates close every six minutes, while six hundred vehicles cross the rail tracks every hour during rush periods. Below, a view of the harbour of Saint John, which indicates the difficulties of access across the water.



as well, including the redesigning of Market Square, a new roundabout at Haymarket, and arrangements to facilitate the flow of traffic in and out of King's Square. The segregation of trucking and commercial vehicles from other traffic is considered, and a belt road linking up the waterfront industries around the central peninsula is considered necessary. Railway communication is to be improved by a new line direct to the east side of the harbour and across the proposed new bridge to the docks in West Saint John, which will save the four-mile journey by lorry to the railway and its attendant labour of double-loading which occurs at present.

industry and commerce

The Commission's Plan will make available many acrès of additional industrial land, convenient to rail and water transportation. Located in each of the three main development sections of the urban area, these new industrial sites would be convenient to workers living in the nearby neighbourhoods, yet separated from the residential zones sufficiently to avoid harming them by reason of smoke, smells or noise. The release of land, now occupied by slums, for industry, has the added advantage of the proximity of the railway, and will be required in the future when New Brunswick's forest and fishing products are developed to the full under the province's reconstruction policy. Space is allowed for the expansion of the central business and shopping district, but, on the other hand, intermittent spreading of small stores is discouraged by providing zones reserved as neighbourhood shopping centres where local service shops, such as groceries, drug stores, meat shops and similar services would be located.

recreation

The urban area will be made up of a dozen or more residential neighbourhood units, each provided with school and church sites, shopping area, and the requisite playground and park facilities. These recreation areas will meet the needs of adults as well as of children. Besides these neighbourhood playgrounds, the provision of three major sports fields is recommended to serve the central City, East and West Saint John respectively, and will include facilities for organised games and for spectators. Community recreation buildings complete with changing rooms, showers, and club rooms will be a feature of these recreational areas. Advantage is also taken of the scenic quality of the existing landscape by providing open space areas sited to preserve and provide the most pleasant conditions for enjoying the many fine views. The Report on the Preliminary Master Plan invites criticism

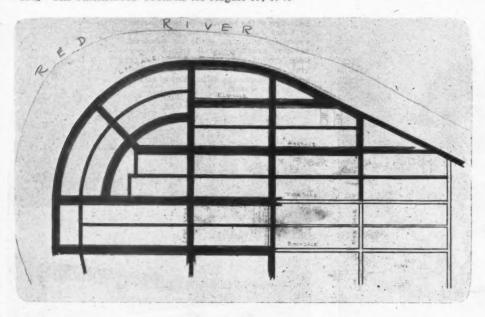
and suggestions from the public in order that the final plan, when it is submitted for adoption to the City and Municipal Councils, may be a proper and representative solution to the problems which confront the Commission, and a true expression of the needs of the community.

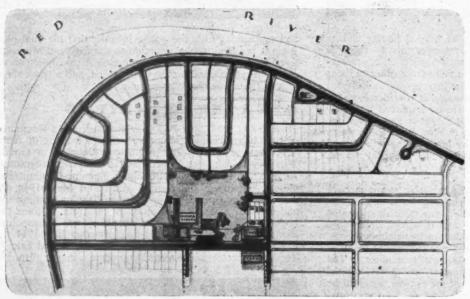
GREATER WINNIPEG

In October, 1943, the Post-War Reconstruction Committee of the Government of Manitoba called a meeting of representatives of the various Municipal Councils in Greater Winnipeg to consider a metropolitan planning programme. As a result of this, the Metropolitan Planning Committee of Greater Winnipeg was formed. Later, in May, 1944, the Winnipeg City Council set up a Town Planning Commission, and in order to avoid duplication of the work of these two bodies, a Joint Executive Committee on Metropolitan Planning for Greater Winnipeg was formed in July, 1944. A technical staff, with Earl O. Mills as Consultant and Eric W. Thrift as Director, was engaged to prepare a master plan, and



An aerial view of the administrative centre of Winnipeg, showing the civic auditorium in the foreground and the Manitoba Legislative Buildings in the background.





Above, the layout of the Nowood Golf Course area is Saint Boniface, Greater Winnipeg, as prepared by the Promoters for this residential site. Below, the revised layout prepared by the Planing Staff of the Greater Winnipeg Plan showing the improvements effected without drastic revision; these include the provision of a community centre and school, also shopping facilities. It represents a step towards a more satisfactory detail layout of area in Canada.

the First Annual Report issued for the year 1945 sets forth a comprehensive list of the survey work which has been carried out, such preliminary studies for the master plan that have been prepared to date and a schedule of priorities in connection with streets and districts. There is a great deal to be said for making available to the community information about the vast field of research and preliminary work that should go to the preparation of a master plan, and which is often too great to include in an Exhibition or Report; the work of the planner can only gain enhanced prestige through such a system.

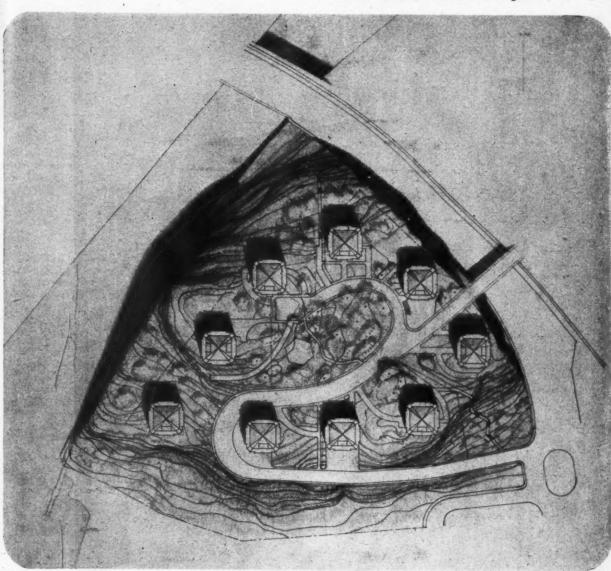
special studies

The Report includes descriptions of special studies which have had to be made in advance of the issue of the master plan to meet the needs of urgent current developments in the metropolitan area, and amongst these is the preparation of a site plan for a Medical Centre for the Province, to provide a good functional relationship amongst the various units and create an area which would be recognised and reserved as a Medical Centre site, and designed to exclude through traffic within the area. The buildings do not abut on major streets, and are protected from the noise of any surrounding traffic by a buffer strip, with the double purpose of providing ample

parking accommodation. Although the intentions behind the proposals are admirable, the layout prepared has a rigid formality which may hamper the practical functions of the Centre when the various elements are built. Another urgent problem which was referred to the Planning Staff was the siting of a new incinerator in Winnipeg.

residential planning

The value of a well-equipped Planning Staff—when advantage is taken of its resources—is shown in the development of a site in St. Boniface, known as Norwood Golf Course. A plan for the development of the site had been prepared by the promoters based on a grid street system, which had nothing commendable in it. A revised layout has now been designed by the Planning Staff, in consultation with those originally responsible, and whilst this still shows the influences of the original layout, considerable improvements have been made acceptable with the introduction of a School and Community Centre site, a reduction in road length, and more variety in the housing sites, which will entail a reduced expenditure. This is one example of several in which the Planning Staff has been able to effect highly desirable improvements in housing schemes, and strengthen the case for planning in Canada.



Layout of the scheme.

FLAT SCHEME

AT DANVIKSKLIPPAN, STOCKHOLM

BY SVEN BACKSTRÖM AND LEIF REINIUS

GENERAL.—The site was formed as a granite hill owing to the sinking of the main road, the Värmdö arterial road, and to a considerable amount of stone quarrying having taken place previously on the site.

The area contains nine Punkthus, or Point Houses, which are planned round the fringe of the site, the centre forming a small park with chestnut and elm trees round a duck-pond. All buildings are

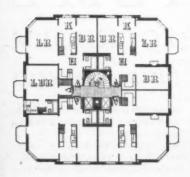
accessible from a read which forms an S shape. This road is a link on

a bus route.

The height of the buildings varies from 8 to 9 and 10 storeys, the higher buildings being on the crest



Above, a close-up of one of the point houses. Below, three typical floor plans; there are three blocks to each type. On facing page, floor plan of a top floor, which is not typical.







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are h Exter reinfo insula slabs, terna with joints conta of a One o crush final Inner force on th thick The with cross with top.

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FLATS AT STOCKHOLM

DESIGNED BY SVEN BACKSTRÖM
AND LEIF REINIUS

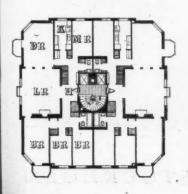
of the hill. In the centre of the site there is a bus stop and shops, and a number of smaller shops are spread throughout these blocks of flats, in addition to which they contain a post office and children's crèche. About 1,300 people live in the 391 flats.

The work on the layout was begun in 1940; the building work started during the winter of 1943-44, and was completed in the summer of 1945.

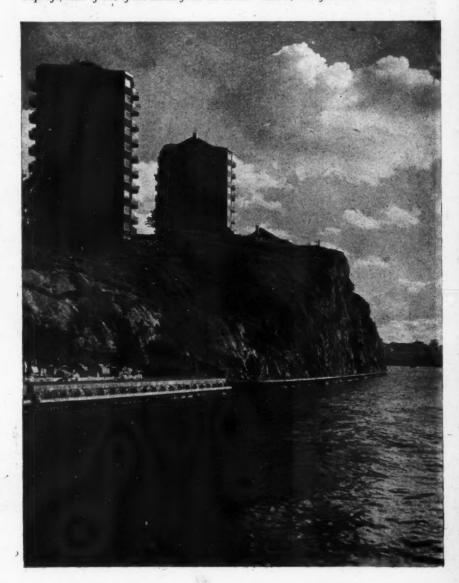
CONSTRUCTION.—All buildings are built in reinforced concrete. External walls are cast in $6\frac{1}{2}$ in reinforced concrete with an outer insulating slab of 5 in. of Siporex or Ytong lightweight concrete slabs, of specific weight 0.45. External walls are plastered externally with three coats applied after the joints were filled in; the final coat contains colouring matter, and is of a hydraulic lime mortar type. One of the houses is rendered with crushed marble aggregate in the final coat.

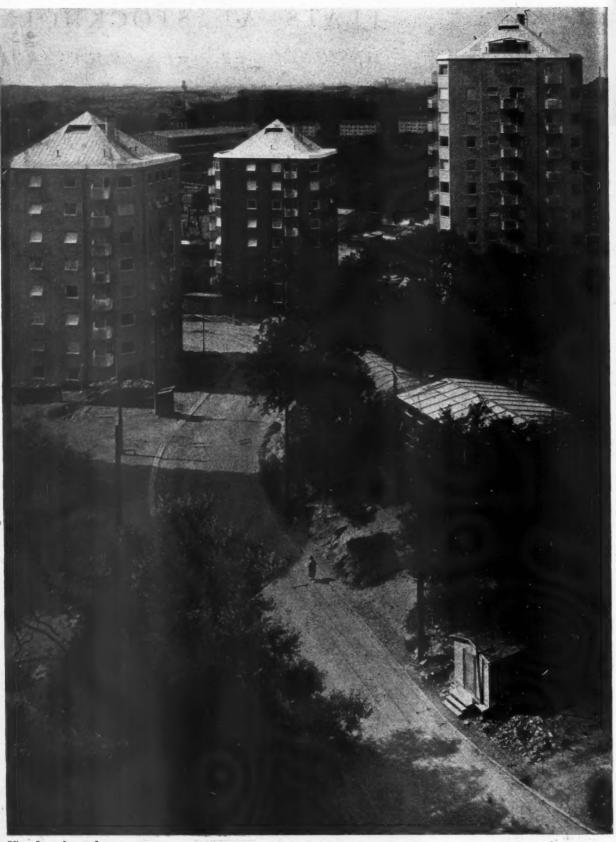
Inner bearing walls are of reinforced concrete, 6 in. in thickness on the upper floors and 8 in. in thickness in the cellar.

The walls are centrally reinforced with a metal fabric. Floors are cross-reinforced, 7 in. in thickness, with a $\frac{3}{4}$ in. layer of glass wool on top. On top of the glass wool a 2 in. layer of wood cement is poured. The glass wool is turned up at the junction of walls to avoid a contact between floor finish and walls. Flues are of brickwork.



Top left, view of one of the blocks from the south. Below, view from the north-west.





View from the north-east.

FLATS AT DANVIKSKLIPPAN, STOCKHOLM



Electricity is basic in building

Electricity, which was the mainpower behind the production of munitions of war, is now a prime necessity in the building and equipment of the new and better homes for peacetime Britain. Electricity is no longer a luxury to be enjoyed by a few; it is the main source of that comfort and cleanliness to which every householder is entitled. And, in addition to being indispensable, Electricity is able to meet—and is meeting the hundred and one demands which indispensability entails.

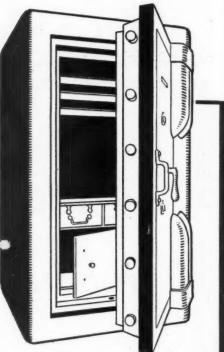
For information and advice about the many new uses and greatly increased adaptability of Electricity consult your Electricity Supply Undertaking or the British Electrical Development Association, 2 Savoy Hill, London, W.C.2

The Electrical Section at the Building Centre, Maddox Street, London, W.I., provides interesting illustrations of electrical application in domestic and industrial premises.



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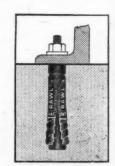
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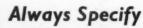
POST-WAR BUILDING EFFICIENCY DEPENDS UPON CONSTRUCTIONAL PLANNING

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construction.



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INFORMATION CENTRE

The function of this feature is to supply an index and a digest of all current developments in planning and building technique throughout the world as recorded in technical publications, and statements of every kind whether official, private or commercial. Items are written by specialists of the highest authority who are not on the permanent staff of the Journal and views expressed are disinterested and objective. The Editors welcome information on all develop-The Editors welcome information on all developments from any source, including manufacturers and contractors.

PHYSICAL PLANNING

APRR

THE ASSOCIATION FOR PLANNING, 1946. (Association for Planning and Regional Reconstruction, 1946.) Brochure summarizing work of APRR. Surveys and research. List of APRR publications. Information service and library. Training courses in planning.

Landscaping New Towns

EVIDENCE SUBMITTED BY THE INSTI-TUTE OF LANDSCAPE ARCHITECTS TO THE NEW TOWNS COMMITTEE OF THE MINISTRY OF TOWN AND COUNTRY PLANNING. Prepared by J. W. R. Adams, B. Colvin, and S. Crowe. (Journal of the Institute of Landscape Architects, April, 1946, pp. 16-20.) Report dealing with topography, climate and land use from landscape architect's point of view.

TOPOGRAPHY

It is presumed that new towns will be sited to avoid occupying the best agricultural land, and with due regard to aspect avoiding cold exposures. Where the town is to be sited in the open countryside generous provision can be made for open spaces at a low cost, if this is done at an early stage in the scheme, and the land is acquired at agricultural values. If the town is to take its place as part of the landscape pattern of its region it must be so sited in relation to the existing topographical features that it lies naturally within the landscape, the trees and contours forming a background to the buildings, and the flow of the land giving reason to the direction of streets, terraces and parkways. The topographical formation should define the boundaries between neighbourhoods and separate industrial from residential develop-By planting on the higher contours the background value of even slight eleva-tions can be increased. Available waterfrontages should be preserved both for their recreational value and as a setting to civic design. A small stream may be well worth using as a nucleus of the park system, with stream-side walks linking one park to another. Apart from incorporating existing trees as an integral part of the design, ample space should be allowed for planting trees in groups in addition to single specimens. A long-term policy for forest trees should be initiated and use should also be made of the shorter-lived varieties for quick effect. With the need for market gardens which will arise in the vicinity of a new town, suitable "early" soil will have to be allocated. In connection with building and road work it is important to give early consideration to the conservation of top-soil.

The allocation of land for shelter belts against the coldest or prevailing winds

should be considered in relation to contours, and sufficient breadth allowed for an adequate wind defence. Attention should be paid to contours to prevent frost pockets, to divert the flow of frost from higher ground, and to allow it to drain away from the lower positions.

ROADS

The ILA considers that "fitted roads," viz, the close moulding of the road to the onfiguration of the ground as evolved in the USA is the type best suited for main traffic arteries through open country. Separate alignment of dual carriageways allows development of the central strip as part of the landscape.

OPEN SPACES

The urban green belt contains the larger playing fields, golf courses, sewage farms, etc., and should be subject to careful landscape treatment for the purpose of forming a pleasant transition from town to country.

Attention should be paid to the provision of pleasant approaches to parks sited in relation to dwellings. Walks, completely separated from traffic routes, should lead from the urban parks through the shelter belts and along the streams to connect with the parkways designed for vehicular traffic should have direct access from the central parks to the open country. Their scale parks to the open country. Their scale calls for planting of a bold and dignified type. In all street planting provision for the trees must be made in the original design, taking into consideration their grouping in relation to buildings and street services. Central parks to serve the whole community should include facilities for outdoor games for all ages, swimming pools, rest gardens and provision for open-air entertainment. Their treatment should be entertainment. Their treatment should be on broad and spacious lines and they should be intimately linked with the radiating urban parkways. Each neighbourhood ing urban parkways. Each neighbourhood should have its own park with provision for small-sized playing fields, children's playgrounds, lawns and trees, linked with the town's green wedges and shelter belts. The essential points for playgrounds for the youngest age group are a dry space for play and shelter from cold winds. They should be sited at sufficiently frequent intervals for all the children to use them. The ideal site for playgrounds for older children is some overgrown grayel or a niece of is some overgrown gravel or a piece of woodland on uneven ground. Playing fields should form part of the site for schools and community centre. Permanent allotment should form part of the sate for schools and community centre. Permanent allotment sites within easy reach are recommended with provision for properly designed outhouses, water supply and shelter belts. Their siting can be satisfactorily combined either with community gardens or neighbourhood parks. The average front garden should be replaced by the open front to give cohesion and dignity to both dwelling and road. Pre-cinct gardens on the model of the college quads are recommended as communal gar-dens for all closely grouped housing, blocks of flats, and old people's dwellings.

INDUSTRIAL ZONES

In regard to industrial zones which should be separated from the rest of the town it is

suggested that provision should be made for planting wide enough not only to blanket noise and fumes but also to provide wood-land walks and a setting that can be enjoyed by the workers.

STRUCTURE

CARPENTRY. W. B. McKay. (Building Craft Series. Longmans, Green & Co. 7s. 6d.) Handbook to meet practical requirements of students attending craft courses at technical colleges and government training centres.

drawings.

This volume is written for students, and covers the syllabus of examination of the City and Guilds of London Institute. It is intended for the beginner and all the details of the trade with which he should become conversant are clearly explained and fully illustrated. The chapter on drawing gives detailed instructions on drawing equipment and methods of preparation. The introductory chapter on timber is followed by one on played and laminated materials. on plywood and laminated materials. on plywood and laminated materials. The chapters on carpentry (floors, roofs, partitions, sound-proofing, centering) show the wide range of subjects with which a qualified craftsman should be familiar. Constructional details are carefully explained, and alternatives are shown to suggest economy. The student working conscientiously throughout the book will obtain a very thorough training in his subject.

JOINERY. W. B. McKay. (Building Craft Series. Longmans, Green & Co. 7s. 6d.) Doors. Windows. Staircases. Architraves. Floor finishes. With 155 drawings.

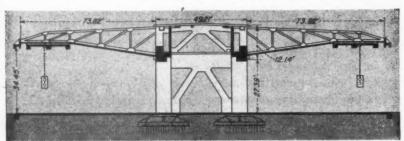
drawings.

This book, written for students, is a companion volume to the book on carpentry. The same lucid manner of explaining details of construction with the aid of figures is employed throughout. The general chapters on timber and machines are not repeated, but a chapter on woodworking machinery has been added. The chapter on plywood from the previous book is extended to indicate the application of plywood to flush doors, solid balustraded stairs, floor coverings, etc.

Cantilevered Concrete Trusses

CANTILEVERED CONCRETE TRUSSES PROVIDE OPEN WORKING AREAS IN HANGAR. A. J. Boase. (Engineering News-Record, May 30, 1946, pp. 850-5.) Caquot type hangar at the Santos Dumont Airport, Rio de Janeiro. Cantilevered roof trusses on either side of central rigid frames. Roof surface formed by cylindrical shells.

The hangar is rectangular in plan, 415.21 ft. by 196.85 ft., with the long side perpendicular to the runway. In the longitudinal direction, the hangar is divided into four equal and independent units of 103.68 ft. width, separated one from the other by expansion joints. In the transverse direc-tion, there is a central section with a width of 43.96 ft. centre to centre of columns, flanked on either side by a 73.8 ft. clear floor space under cantilevered roof trusses. Providing a clear height at the entrance of 34.45 ft., diminishing to 27.89 ft. at the centre section, these trusses project above the roof. Suspended at and near the ends of these trusses are concrete beams running in the longitudinal direction. They support 41 ton capacity travelling cranes and guide



A cantilevered concrete truss in Rio de Janeiro Airport. The transverse section indicates the large, clear floor area on each side of the central section. See No. 2669.

This type of construction offers the following advantages: (1) Possibility of practically indefinite increase in wing spread. (2) Favourable ratio between total height of the hangar and height of the door. (3) High coefficient of usable space for parking and manœuvring as compared with the total enclosed area. (4) Provision of an upper storey over the central area (to be used for

repair shops, offices and storage space).
The roof trusses are spaced 17.26 ft., and are supported on two Howe girders used as longitudinal trusses. Cylindrical shells between the roof trusses are only 1½ in. thick. The foundations in the central part of the structure consist of clusters of 16 piles

48 to 78 ft. long.

The structure was carried out in such a way that the members of the trusses acting in tension were embedded in concrete after the centering was struck. Thus 80 per cent. of the total load was applied without causing tensile stresses in the concrete, and the danger of cracking was considerably reduced.

The job has required practically no maintenance during several years of actual use.

LIGHTING

2670

Domestic Lighting

THE PROVISION OF ELECTRIC LIGHTING IN DWELLINGS. British Standard Code of Practice. Draft for Comment. 2nd Proof, 1946. (British Standards Institution, 2s. 0d.) Amount and quality of light required. Influence of light fittings; position; room decoration. Size of lamps. Method of suspending ceiling fittings. Portable fittings. Method of selecting fittings for effici-

This Code follows very closely the recom-mendations made in the Report of the Post-War Study Committee on Lighting of Build-

It is a valuable guide to good house light-ing as it covers essential requirements to ensure both reasonable quantity and good quality. Attention is directed towards the importance of correct placing of fittings to avoid shadowing the place of work, par-ticularly in kitchens. Avoidance of glare by choice of good fittings is also empha-sized. Tables of lamp sizes for various rooms and for various types of fitting are included. With a view to ensuring that these recommendations find their way into practice the Code states that in small dwellpractice the Code states that an small dwellings lamps and fittings should be provided at the time of building. In other words, the only way to make the public conscious of the possibilities of good lighting is to thrust it upon them. Once they have tried it they are unlikely to want anything less officient.

The Code includes a useful section on what

is reasonable in the way of suspension of light fittings by cords and also has a very brief section on connections to portable fittings.

ACOUSTICS and Sound Insulation

Noise in Industry

EFFECTS OF NOISE IN THE TEXTILE INDUSTRY. W. Schweisheimer. (Rayon Textile Monthly [USA]. November, 1945, p. 593.) Textile industry very noisy; forms of complaint; protective measures.

A brief but useful note. The statement is made that the textile industry, next to the metal industry, is at the top of the list of noisy trades. The "metal industry" seems a too general term to be of much value for comparison, but there is no doubt that the spinning, weaving, and so on, are very noisy The author quotes a noise level of 90 db, as being common in the industry, and points out that levels of between 80-90 db. are known to be related to a high incidence of deafness. Another common result associated with noise is nervous cidence of deafness. fatigue.

Some reference is made to the reduction of noise in the machinery, but emphasis is laid upon the value of special forms of ear plug. These have been the subject of active study in America, and great improvements have been associated with designs which enable conversation to be heard, even though the noise level is much reduced.

QUESTIONS and Answers

HE Information Centre answers any question about architecture, building, or the professions and trades within the building industry. It does so free of charge, and its help is available to any member of the industry. Answers are sent direct to enquirers as soon as they have been The service is confidential, and in prepared. no case is the identity of an enquirer disclosed to a third party. Questions should be sent to : THE ARCHITECTS' JOURNAL, 13, Queen Anne's Gate, Westminster, S.W.I.

Removal of Moss

Q The clay tile roof of a pavilion situated near some trees in a Public Park has become overgrown with moss. Can you inform me of a suitable method of removing the moss, which appears to adhere very firmly to the tiles?

Either of the following solutions can be used for removing moss from roofing

Magnesium silica fluoride-4 ozs. to 1 gallon of water.

Magnesium zinc silica fluoride-4 ozs. to 1 gallon of water.

These solutions should be mixed in a wooden bucket and applied with a brush containing no metal—a string bound brush. It should be remembered, however, that the efficacy of these solutions is reduced after rain and that, therefore, additional applications should be made on any reappearance of the growth.

Reports Law

Appeal under the Housing Act, 1936

In the King's Bench Division of the High Court, Mr. Justice Henn Collins had before him an appeal under the Housing Act (Part 5) by H. E. Green & Sons, builders and contractors, of Fishponds Road, Bristol, against the City and County of Bristol (Oldbury Court) Compulsory Purchase Order, 1945, confirmed by the Minister of Health

in February last.

The Corporation sought by the Order to acquire for the erection of dwelling houses 90 acres of the estate which Messrs. Green purchased in 1938 for about £38,000. The appellants had installed roads and drainage with a view to developing the estate. They had already erected some houses on the estate and their case was if they could have re-started the work on the estate it would have given their men employment. also urged that no other land was available, appellants contended that the ten acres and excluded by the Order, would be isolated and of little use. It was urged that at the date of the Order the Corporation had come to no decision to erect only working class houses, and consequently had acted wrongly, and, further, that the Minister had considered only the report of the inquiry and not the objections. The Corporation, having granted a licence to appellants, it was submitted, could not exercise heavier which were incorporated under cise powers which were inconsistent under the Act.

For the Minister it was argued that all those matters had been considered and duly

acted upon.

His Lordship held that part of the land to be acquired was necessary for the amenities and convenience of the houses erected by the appellants. That being the erected by the appellants. case, the Order was not within the powers of the Act. He could not modify the Order by quashing part of it, and therefore he quashed the whole Order.

Surveyor Claims Damages for Dry Rot

In the Chancery Division of the High Court Mr. Justice Wynn Parry had before him an action by Mr. Thomas John Ley, a surveyor of 5, Beaufort Gardens, Knightsbridge, against Capt. Thomas Boynton, his next-door neighbour at No. 4, claiming damages for injury to his premises, and an injunction restraining him from permitting an overflow of water which plaintiff alleged had caused dry rot in his house. Plaintiff's case was that a down rain pipe at the back of the defendant's house became

at the back of the defendant's house became blocked, with the result that water over-flowed and ran down the wall of both houses. Plaintiff alleged that more water came down his side than the defendant's, and this had caused dry rot in his house and a consequent large expenditure for

The defence was that defendant's pipe was not the sole cause of the damage, but that plaintiff had allowed water to leak from a sink in his house.

For the plaintiff, Mr. F. W. Jane, D.Sc.,

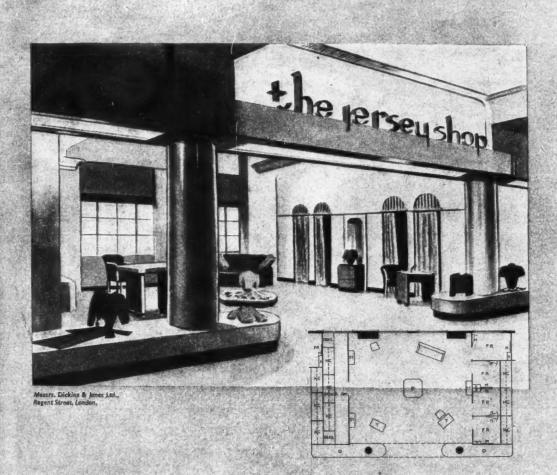
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of London University, was called, and gave the opinion that the damp caused by defendant's defective rain pipe would account for dry rot found in the houses. If the trouble had been remedied in the plaintiff's house he thought the state of things in defendant's house would still be a source of danger to the plaintiff.

Mr. Gordon Stirrup, A.R.I.B.A., also gave evidence for plaintiff and expressed the opinion that there were signs of dry rot in the defendant's house and it might penetrate the party wall and infect the adjoining

The defendant gave evidence and stated that he had put the matter in the hands of his builder and they had carried out work dealing with dry rot in his house.

dealing with dry rot in his house.

Mr. R. W. Lorre, A.R.I.B.A., and Mr. Fred Bloxham gave evidence for the defendant. His Lordship, in giving judgment, said it was apparent that in wet weather water ran down the walls of both houses, due to an obstruction in the defendant's rain water pipe, and that this caused dry rot in both houses. His Lordship accepted the plaintiff's evidence and found that the plaintiff had proved his case. The plaintiff was entitled to damages and he ordered an enquiry to ascertain the amount. He granted the plaintiff an injunction restraining defendant from allowing any further overflow. Defendant had given an undertaking to eradicate dry rot from his house. Plaintiff would have the costs of the action.

Announcements

Miss Lenora Granger, A.R.I.B.A., P.O. Box 389, Bulawayo, S. Rhodesia, will be pleased to receive catalogues and technical information from firms able to export building products.

Capt. V. W. Reece, R.E., F.I.A.A., having been released from H.M. Forces, is shortly resuming his appointment as Staff Architect to the Border Breweries, Wroxham, Denbs, and would appreciate receipt of current trade catalogues.

Lord Lloyd has joined the Board of Directors of Horseley Bridge & Thomas Piggon, Ltd., constructional engineers and bridge builders, of Tipton and London.

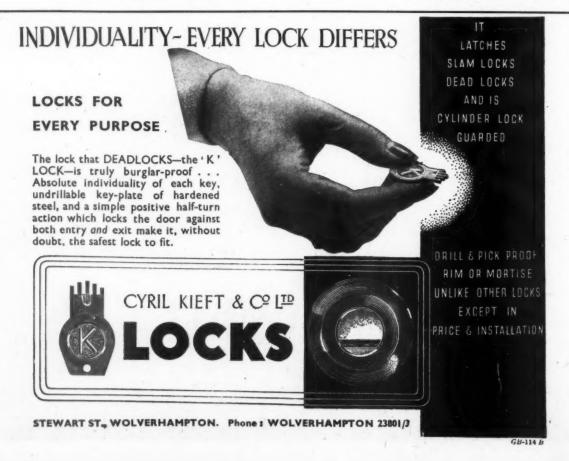
Messrs. W. H. Saunders & Son, architects, consulting structural engineers, and surveyors, are opening a branch office at 45, Pearl Buildings, Commercial Road, Portsmouth, on August 12, where they will be glad to receive trade literature, etc.

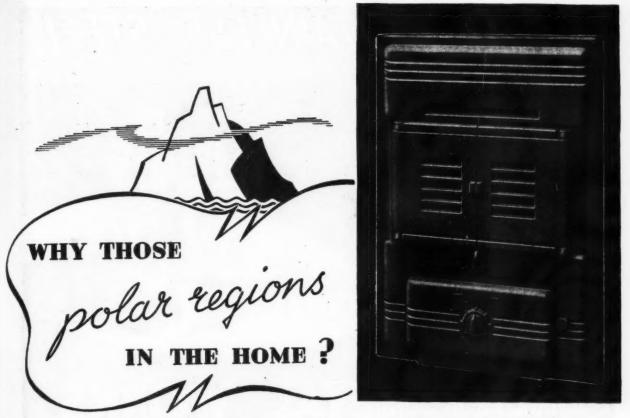
Messrs, James H. Lamont & Co., Ltd., of Edinburgh, sole manufacturers of the Securex Solderless Compression Joint, desire to inform the trade that their London Office has now been re-opened at Norfolk House, Laurence Pountney Hill, London, E.C.4, and is now at their service. The telephone number is Mansion House 5700; the telegraphic address, Yutaka Cannon London.

Major W. G. Rymills, R.E., A.R.I.B.A., from August 23, will commence practice on his own account as an architect at 5, Church Green, Witney, Oxon. Telephone: Witney 394.

Obituary

We regret to announce the death of Mr. Lconard W. Burridge, A.I.STRUCT.E., chief technical controller of the Clay Products Technical Bureau of Great Britain Ltd., from its inception until he took up duties with the Ministry of Home Security in 1940. He will be remembered for his knowledge of brick technology and for his contribution to the development of reinforced brickwork.





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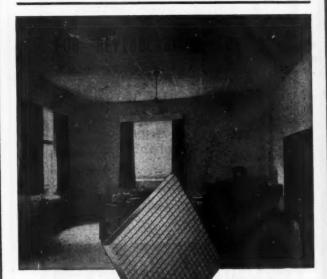
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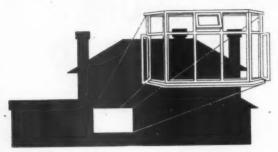
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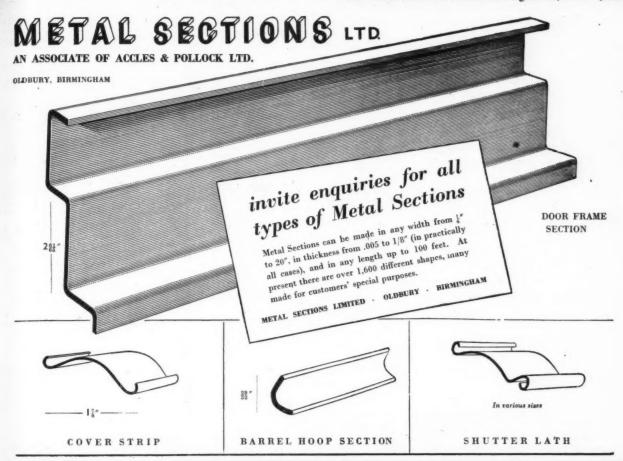
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CLASSIFIED ADVERTISEMENTS

Advertisements should be addressed to the Advt. Manager, "The Architects' Journal." War Address: 45 The Avenue, Cheam, Surrey, 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," War Address: 45 The Avenue, Cheam, Surrey.

Public and Official Announcements

Six lines or under, 10s.; each additional line,

THE INCORPORATED ASSOCIATION OF ARCHITECTS AND SURVEYORS maintains a register of qualified architects and surveyors (including assistants) requiring posts, and invites applications from public authorities and private practitioners having staff vacancies. Address: 75, Earon Place, London, S.W.1. Tel.: Sloams 5615. 991

LONDON COUNTY COUNCIL.

Applications are invited for the following posi-

(1) QUANTITY SURVEYORS AND ASSISTANTS (SENIOR AND JUNIOR). Required

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(a) "Taking-off" quantities, measuring, and adjusting variations under building contracts and preparing estimates.
(b) Preparing estimates and measuring repairs and minor works under schedule of prices (experience of London County Council War Department or Office of Works Schedules).
(c) Working up, etc., in connection with domestic buildings and general working up (iunior).

(junior).

(d) Measurement of roads and sewers and housing work on cottage estates, preparation of interim and final bills on Schedules.

(2) ARCHITECTS, BUILDING SURVEYORS, TECHNICAL ASSISTANTS (ARCHITECTURAL) AND JUNIOR DRAWING OFFICE ASSISTANTS.

(a) Work in connection with the design and development of housing schemes for cottage estates and block dwellings (experience in domestic architecture preferred).

tecture preferred).
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hospitals.

(c) The preparation of estimates and specifications for works of cleaning and painting, repairs and minor alterations at schools and hospitals.

(d) Assistants to district surveyors. A knowledge of the London Building Acts and by-laws is necessary for these positions.

(e) Junior drawing office assistants for general drawing office work. Should be able to finish plans from rough drawings, take dimensions and make sketches. Pay, according to age and experience, up to 65s. a week, plus cost-of-living addition.

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drawings, specifications and estimates for, modern hot water heating, ventilating and hot water supply schemes.

Except as otherwise shown, salaries for the above positions will be determined by qualifications and experience up to a maximum of £400 a year, together with cost-of-living additions up to £90 a year, according to basic salary. Salary up to £500 for certain positions of heating engineer and building surveyor. Successful candidates will be engaged on a temporary basis, but will be eligible for appointment, according to merits, for permanent appointment on the occurrence of vacancies. Temporary staff are required to contribute to the Council's Superanuation and Provident Fund.

Ex-Service candidates with experience prior to their war service will be specially considered. Application forms may be obtained from the Clerk of the Council, County Hall, Westminster Bridge, London, S.E.1, enclosing stamped addressed foolscap envelope.

Canvassing disqualifies.

CITY OF OXFORD.

Applications are invited for the appointment of a Temporary ARCHITECTURAL ASSISTANT, in the Department of the City Estates Surveyor and Architect to the Education Committee; applicants should be Associate Members of the R.I.B.A., and have had experience of School work.

Salary will be from £460 to £510 per annum, according to experience, plus cost-of-living boaus, at present £59 16s, per annum.

Applications, stating age, qualifications and details of experience, and accompanied by copies of two recent testimonials, should be sent to the Architect to the Education Committee, Town Hall, Oxford, not later than the 24th August, 1946.

WEST SUSSEX COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

APPOINTMENT OF DEPUTY COUNTY ARCHITECT.

ARCHITECT.

Applications are invited from Pellow of Associate Members of the Royal Institute of British Architects for the whole-time appointment of Deputy County Architect, at a salary of £750 per annum, rising by annual increments of £50 to £1,000 per annum, plus cost-of-living bonus, at present £59 16s.

The appointment may be made at a commencing salary higher than the minimum of the scale should the qualifications and experience of the successful applicant justify this.

A car will be provided in connection with the duties pertaining to the post, and private mileage will be permitted in accordance with the basic petrol ration and at rates laid down by the County Council.

The appointment will be terminable by three calendar months' notice on either side, and will be subject to the provisions of the Local Government Superannuation.

Forms of application are not being issued in this instance.

Applications, stating age, qualifications, and

this instance.

Forms of application are not being issued in this instance.

Applications, stating age, qualifications, and experience, and particulars of present and previous appointments, with dates, salaries, and designations, together with the names and addresses of three persons to whom reference can be made, must be delivered to F. R. STEELE, F.R.I.B.A. F.S.I., M.T.P.I., County Architect, County Hall, Chichester, endorsed "Deputy County Architect," not later than Saturday, the 3ist August, 1946.

Canvassing, directly or indirectly, will be deemed a disqualification, and candidates must disclose in writing whether to their knowledge they are related to any member of the Council or the Head of any Department or his standing Deputy. A candidate who fails to do so will be disqualified, and, if appointed, will be liable to dismissal without notice.

T. C. HAYWARD, Clerk of the County Council.

County Hall, Chichester.

County Hall, Chichester. 25th July, 1946.

NORTH LINCOLNSHIRE JOINT PLANNING COMMITTEE.

ASSISTANT PLANNING OFFICER.

ASSISTANT PLANNING OFFICER.

Applications are invited for the appointment of Assistant Planning Officer, at a salary in accordance with the National Scales of Salaries, Grade V, A.P.T. Division (£460 per annum, rising by two annual increments of £15 and one of £20 to £510, plus war bonus, at present £69 16e.).

Applicants should have had experience in the preparation of planning schemes and the control of Interim Development, and preference will be given to persons who are studying for the examinations of the Town Planning Institute. The possession of engineering, surveying, or architectural qualifications will be an advantage.

The office of the North Lincolnshire Joint Planning Committee is in Brigg, and the successful candidate will be required to pass a medical examination and contribute to the Superannuation Scheme under the Local Government Superannuation Act. 1937. The appointment will be determinable by one month's notice on either side.

side.

Applications, stating age, past and present appointments, details of experience and qualifications, together with copies of not more than two recent testimonials, should reach the undersigned not later than Saturday, 31st August, 1946.

L. W. HERLER,

Clerk to the Joint Committee.

Municipal Offices, Town Hall Square,

Grimsby, Lincs.

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TARVIN RURAL DISTRICT COUNCIL. TECHNICAL ASSISTANT.

Applications are invited for the appointment of (a) General Engineering, or (b) Architectural Assistant, in the Office of the Engineer and

of (a) General Engineering, or (b) Architectural Assistant, in the Office of the Engineer and Surveyor.

Applicants must have had sound training and had previous experience in design and construction of (s) general engineering works, or (b) building works, particularly in relation to housing. Preference will be given to persons qualified by examination (a) Institute of Municipal and County Engineers, (b) R.I.B.A.

The salary will be in accordance with Grade II (Technical Division) of the National Joint Council Scheme, viz. commencing at £360, plus war bonus, at present £59 16s.

The appointment will be subject to one month's notice in writing on either side, to the provisions of the Local Government Superannuation Act, 1937, and to the selected candidate passing satisfactorily a medical examination.

Applications, stating age, qualifications and experience, together with copies of three recent testimonials, should be enclosed in an envelope endorsed "Technical Assistant," and must reach this office not later than the 20th August, 1946.

J. H. MOORE DUTTON,

Clerk to the Council.

Westminster Buildings, Newgate Street,

Chester.

26th July, 1946.

METROPOLITAN BOROUGH OF BETHNAL GRBEN.

APPOINTMENT OF ARCHITECTURAL ASSISTANTS (TEMPORARY STAFF).

Applications are invited for the appointment of two Architectural Assistants (Temporary Staff), in the Borough Engineer and Surveyor's Depar-ment, for work in connection with Post-War

Housing.

Candidates must have had wide experience in the preparation of designs; specifications, and estimates.

Preference will be given to Associate Members of the R.I.B.A. fally conversant with the Principal Building Acts and Prestleting and Acts and Regulations

Regulations.
Salary, in accordance with A.P.T. Division, Grade V of the National Scales of Salaries, £460, rising to £510 per annum (plus Longon weighting," at present £20 per annum, plus cost-of-living bonus, at present 23s. per week. Applications, stating age, qualifications and experience, with copies of three testimonials, endorsed "Architectural Assistant," must reach the Borough Engineer and Surveyor, Town Hall, Bethnal Green, £2, before noon on Wednesday, the 28th August, 1946.

S. P. FERDINANDO,
Town Clerk,

Town Clerk.

CITY OF BIRMINGHAM EDUCATION COMMITTEE.

APPOINTMENT OF ASSISTANT ARCHITECT.

Applications are invited for the appointment of an Assistant Architect, on the staff of the Chief Education Officer, at a salary scale of 2500-220-2700 per annum, together with a warbonus at present amounting to 265 1s. The Committee may pay a commencing salary higher than the minimum in the light of the candidate valualifications and experience. The selected candidate will work under the direction of the Architect to the Education Committee, Mr. W. W. Benslyn, F.R.I.B.A.

Applicants, who should preferably be members of the Royal Institute of British Architects by examination, must be experienced designers, preferably with a knowledge of the planning and design of school buildings. Previous administrative experience is desirable. The appointment will be subject to the provisions of the Local Government Superannuation Act, and the smedical examination.

successful candidate will be required to pass a medical examination.

Forms of application, which may be obtained from the undersigned on receipt of a stamped addressed envelope, must be returned not later than the 24th August, 1946.

E. L. RUSSELL,

Chief Education Office, Chief Education Officer.

Education Office, Margaret Street,

Birmingham, 3.

LINDSEY (LINCS) COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments on the permanent staff:—

(a) SENIOR ASSISTANT ARCHITECT (Grade IV). Salary £420-£465.

(b) MAINTENANCE ASSISTANT (Grade IV).

Salary £420-£466. (c) ENGINEERING ASSISTANT (Grade III).

(b) MAINTENANCE ASSISTANT (Grade IV).
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(c) ENGINEERING ASSISTANT (Grade III).
Salary £30-6-435.
(d) SENIOR QUANTITY SURVEYOR (Grade V).
Salary £460-£510.
Cost-of-living bonus is in addition to the above salaries, and is at present £59 l6s. per annum. Applicants for (a) must be either Associate Members of R.I.B.A. or at least over 30 years of age, and be experienced in the preparation of working drawings and specifications for Local Authorities Buildings.
(b) Must be able to take charge of raintenance for all types of Educational Buildings, and must have a sound knowledge of repair work, to be able to prepare working drawings and estimates for small works, and have a knowledge of Quantities. Applicants must have a professional qualification if under 30 years of age.
(c) Must be experienced in the design and supervision of heating, hot water supply, electrical and general mechanical installations, and the supervision of maintenance and repairs. Applicants should hold a suitable technical qualification.
(d) Should be Professional Associate Members of the Chartered Surveyors' Institution, and experienced in the preparation of Bills of Quantities for Public Buildings, etc.

It is desirable that the successful candidates for (b) (c) and (d) should provide his own car, for which he would receive an allowance for an 8 hp. car on the Council's scale.

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

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

Applications by letter only, accompanied by not more than three recent testimonials, should be sent to A. R. Clark, Acting County Architect, County Offices, Lincoln, not later than the 20th August, 1946.

ERIC W. SCORER, Clerk of the County Council. County Offices, Lincoln.

ROROUG APPOI

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BOROUGH OF SWINDON.

BOROUGH ARCHITECT'S DEPARTMENT.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

Applications are invited for the permanent appointment of Architectural Assistant, in the Borough Architect's Department, at a salary in accordance with Grade IV of the Administrative, Professional and Teehnical Division of the National Scales (£420 to £465), plus such cost-of-living bonus as may from time to time be paid by the Corporation (at present £59 16s.).

Candidates should have experience in Housing and the General Architectural work of a local authority, including experience in the preparation of Bills of Quantities, Specifications, and schedules of all classes of public buildings.

Preference will be given to candidates possessing an Architectural qualification and who are Architects.

Architects.

The appointment, terminable by one month's notice on either side, is subject to the provisions of the Local Government Superannuation Act. 1937, and the successful candidate will be required to pass a medical examination.

Forms of application may be obtained from the undersigned, and applications, endorsed "Architectural Assistant," must be delivered to me not later than noon on Saturday, 31st August, 1946.

D. MURRAY JOHN, Town Clerk.

Civic Offices, Swindon. 1st August, 1946.

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URBAN DISTRICT COUNCIL OF EAST BARNET.

ENGINEER AND SURVEYOR'S DEPARTMENT.

Applications are invited for the following

Applications are invited for the following appointments:—

(a) Two ENGINEERING ASSISTANTS (Permanent), at salaries of £420, rising to £465 by £15 per annum, plus cost-of-living bonus, a regighting of £20 per annum, and London area weighting of £20 per annum, ascarding to Grade IV of the National Scale of Salaries.

Applicants must have had considerable general experience of Municipal Engineering, and should be corporate members by examination of the Institution of Municipal and County Engineers.

(b) One ARCHITECTURAL ASSISTANT (Temporary), for a period of not less than two years, at a salary of £420, rising to £465 by £15 per annum, plus cost-of-living bonus, at present £96 iss. per annum, and London area weighting of £20 per annum, according to Grade IV of the National Scale of Salaries.

Applicants should have had experience in the design and erection of municipal housing, and should be Associates of the Royal Institute of British Architects.

(c) Three ENGINEERING ASSISTANTS (Permanent), at salaries of £330, rising to £375 by £15 per annum, also cost-of-living bonus, at present £59 16s. per annum, and London area weighting of £20 per annum, also cost-of-living bonus, at present £59 16s. per annum, and London area weighting of £20 per annum, according to Grade I of the National Scale of Salaries.

Applicants must have had good general experience of Municipal Engineering, and preference will be given to those who are corporate members by examination of the Lord Government Superanuation.

The appointments will be subject to one month's notice on either side, and to the provisions of the Lord Government Superanuation.

Regimers.

The appointments will be subject to one month's notice on either side, and to the provisions of the Local Government Superannuation At, 1937. Each of the successful applicants will be required to pass a medical examination. Applications, endorsed "Engineering Assistant (a) or (c)," or "Architectural Assistant," as the case may be, stating age, qualifications, experience, present and past appointments, and accompanied by copies of three recent testimonials, must reach the undersigned by not later than Monday, 2nd September, 1946.

Canvassing, directly or Indirectly, will be a Canvassing, directly or Indirectly, will be a simple of their knowledge they are related to may member or senior officer of the Council.

C. M. BARNES, M.Inst, M. & Cy.E.,

C. M. BARNES, M.Inst., M. & Cy.E.,
M.R.S.I.,
Fown Hall, Station Road, New Barnet,
Hertfordshire. 743

THE ARCHITECTS' JOURNAL LIBRARY OF INFORMATION SHEETS.

Applications are invited for appointment of TECHNICAL ASSISTANT.

Applicants must be first-class draughtsmen.

Possess a sound knowledge of building practice,

and be interested in the preparation of technical
data.

data,

Salary £300 to £500 per annum, according to

qualifications and experience. Applications may
be made by members of H.M. Forces expecting

demobilisation by October, 1946.

THE TECHNICAL EDITOR.

The Architectural Press, Ltd., 45, The

Avenue, Cheam, Surrey.

57

BOROUGH OF CAERNARVON.

PERMANENT ARCHITECTURAL ASSISTANT.

Applications are invited for the position of Permanent Architectural Assistant, at a salary of £360, rising to £465, by annual increments of £15, plus war bonus.

Candidates should have had a thorough training, and be capable of preparing sketch plans, work drawings and details in connection with housing and other types of local authority buildings.

Professors will be given to candidates with

buildings.

Preference will be given to candidates with parts of recognized architectural examination.

Applications, stating age, qualifications and experience, together with two recent testimonials, should reach the undersigned not later than Saturday, 31st August, 1946.

W. REES DAVIES, P.A.S.I.,

M.I.M.Cy.E.,

Borough Engineer and Surveyor.

Guild Hall, Caernarvon.

August, 1946.

CITY OF PLYMOUTH EDUCATION COMMITTEE.

PLYMOUTH SCHOOL OF ART. Principal: LEWIS DUCKETT, M.C., A.R.C.A.

Applications are invited for the post of TEM-PORARY LECTURER AND STIDIO IN-STRUCTOR, in the Department of Architecture. Applicants should be Associates of the R.I.B.A., and preferably have been trained in a recognized School of Architecture. Previous teaching experience desirable, and ability to give instruction in any of the subjects of the Intermediate and Final Examination of the R.I.B.A. The appointment is temporary in the first place, with the possibility of a permanent post if expected developments mature.

Salary according to the Burnham Technical Report.

Salary according to the Report.

Further particulars and form of application to be returned by the 31st August may be obtained on receipt of a stamped addressed envelope from ANDREW SCOTLAND,

Director of Education.

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ESSEX EDUCATION COMMITTEE.

SOUTH-EAST ESSEX TECHNICAL COLLEGE AND SCHOOL OF ART.

LONGBRIDGE ROAD, DAGENHAM.

Applications are invited for the post of Full-time LECTURER IN ARCHITECTURE. Duties to begin as soon as possible. The Lecturer will be required to give instruction in Elementary Draughtsmanship and Measuring work. A partime appointment would be considered. Salary in accordance with the Burnham Scale (£300×£15—£525, together with London allowance and other additions which are applicable). Full allowance made for suitable professional experience.

Further particulars and forms of application may be obtained from the Clerk to the Governors, South-East Essex Technical College and School of Art, Longbridge Road, Dagenham, by whom applications should be received not later than 7th September, 1946.

R. E. LAWRENCE.

B. E. LAWRENCE,
County Offices, Chelmsford.

County Offices, 1946.

MANCHESTER MUNICIPAL COLLEGE OF TECHNOLOGY (FACULTY OF TECHNOLOGY IN THE UNIVERSITY OF MANCHESTER).

The Governing Body invites applications for:

(a) A LECTURESHIP IN BUILDING, with the title and status of Lecturer in the University of Manchester. Candidates should be Associates of the Royal Institute of British Architects, with good professional and teaching experience.

Present salary scale: £477 per annum, rising by annual increments of £15 to £602 per annum. Commencing salary according to qualifications.

(b) An ASSISTANT LECTURESHIP IN BUILDING, with the title and status of Assistant Lecturer in the University of Manchester. Candidates should be Associates of the Royal Institute of British Architects, with good professional experience.

of British Atentees, perience.

Present salary scale: £352 per annum, rising by annual increments of £25 to £452 per annum. Commencing salary according to qualification. The above salary scales are, however, subject to additions, which are now awaiting Ministry approval. Superannuation is covered by the £25 II scheme.

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approval. Superannuation is covered by approval. Superannuation is covered by E.S.U. scheme.
Conditions of appointment and forms of application may be obtained from The Registrar, College of Technology, Manchester, 1. The last day for the receipt of applications is 31st August, 1946.
Canvassing, either directly or indirectly, will disqualify a candidate for appointment.

J. E. MYERS.

Principal of the College.
732

BOROUGH OF BUXTON.

BOROUGH ENGINEER'S DEPARTMENT.

Applications are invited for the following posi-

Applications are invited for the following positions:—

(a) CHIEF ENGINEERING ASSISTANT.

(b) ARCHITECTURAL ASSISTANT.

(c) CHIEF CLERK.

The salaries for appointments (a) and (b) will be in accordance with Grade II of the National Joint Council, namely, £360 p.a., rising by three annual increments of £15 to £405 p.a.

Appointment (c) will be graded in accordance with the Clerical Division, namely, £315 p.a., rising by three annual increments of £15 to £350 p.a. Cost-of-living bonus, at present £59 16s., will be paid in respect of the three appointments. All the appointments are subject to the Local Government Superanhuation Act, 1937, and to one month's notice on either side. The successful applicants will be required to pass a medical examination.

Preference will be given to candidates possessing the recognized professional qualifications, and applications from Service men who are to be released in the near future will be considered. Applications, stating age, qualifications and experience, accompanied by copies of two recent lestimonials, should reach the undersigned not later than Wednesday, the 28th August, 1946.

Town Hall, Buxton.

3rd August, 1946.

Town Hall, Buxton. 3rd August, 1946.

COUNTY BOROUGH OF DONCASTER.

BOROUGH SURVEYOR AND WATER ENGIN ERE'S DEPARTMENT.

Applications are invited for the appointment of Two ARCHITECTURAL ASSISTANTS, at a salary in accordance with Grade III of the National Scales (£390×£15 to £435), plus cost-of-living bonus.

salary in accordance with Grade 111 of the National Scales (£290×£15 to £455), plus cost-of-living bonus.

Candidates must hold a recognized architectural qualification, and have had experience in the design, construction, and maintenance of Public Buildings, and preference will be given to candidates who have had experience of work carried out both by contract and direct labour.

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

Applications, appropriately endorsed, stating age, qualifications, present position and experience, accompanied by copies of three recent testimonials, should be delivered to the Borough Surveyor, 2, Priory Place, Doncaster, not later than Friday, the 30th August, 1946.

Canvassing, either directly or indirectly, will disqualify, and candidates must disclose in writing whether to their knowledge they are related to any member or senior officer of the Council.

H. S. ESSENHIGH,

H. S. ESSENHIGH, Town Clerk.

1, Priory Place, Doncaster. 2nd August, 1946.

CITY OF COVENTRY.

CITY ARCHITECTURAL DEPARTMENT.

CITY ARCHITECTURAL DEPARTMENT.

The Corporation of Coventry invites applications from duly qualified persons for the following whole-time permanent appointments, in the City Architectural Department:—

Five ASSISTANT ARCHITECTS. Salary on Grade A.P.T. IV (commencing at £420, and rising by three annual increments of £15 to a maximum of £465 per annum).

One ASSISTANT ARCHITECT. Salary on Grade A.P.T. IV. (commencing at £330 and rising by three annual increments of £15 to a maximum of £455 per annum).

One JUNIOR ARCHITECTURAL ASSISTANT. Salary on General Division of the National Scheme of Conditions of Service for Local Government Officers (according to age).

Salary increments are subject to satisfactory service. The above salaries are exclusive of the Council's cost-of-living bonus which may vary, but which at present amounts to £28. per week for men and 18s. 6d. for women. The cost-of-living bonus in the case of the Junior appointment will vary according to age.

The posts are subject to one month's notice on either side and to the provisions of the Local Government Superannuation Act, as amended in regard to annuities to widows by the Coventry Corporation Act, 1956, and a satisfactory certificate will be requisite from the Council's medical referce. The person appointed will be required to contribute to the Coventry Municipal Officers', Widows' and Orphans' Pensions Fund.

Application must be made on the form obtainable from the undersigned, and should be returned completed, together with copies of not more than two recent testimonials or names of two persons to whom reference may be made, not later than Saturday, the 31st August, 1946.

Canvassing, directly or indirectly, will be a disqualification.

D. E. E. GIBSON.

City Architect. 1a, Warwick Row, Coventry. 15th August, 1946.

CITY OF LEICESTER.

Applications are invited for the following appointments on the City Surveyor's staff:—
PRINCIPAL ARCHITECTURAL ASSISTANT, at a salary of £555, rising to £600 (Grade VI).
GENERAL ASSISTANT, at a salary of £420 to £465 (Grade IV), plus cost-of-living bonus, at present £59 f6s, in each case.
Applicants should be registered architects.
The appointments are subject to the provisions of the Local Government Act, 1937, and the successful applicants will be required to pass a medical examination.
Applications, giving age, qualifications, and details of experience, together with copies of three testimonials, should be delivered to the undersigned not later than 24th August, 1946.

Town Hall, Leicester.

Augut, 1946.

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URBAN DISTRICT COUNCIL OF GAINSBOROUGH.

APPOINTMENT OF ARCHITECT.

The Council invite applications for the above appointment, at a salary in accordance with Grade V of the A.P.T. Division of the National Salary Scales, i.e., £460-£510 per annum, plus cost-of-living bonus, at present at the rate of £59 16s. per annum.

Candidates must hold a recognized architectural qualification by examination.

The person appointed will act under the general direction of, and be directly responsible to the Council's Engineer and Surveyor.

If the successful candidate requires a house every endeavour will be made to provide the same as and when suitable accommodation becomes available on the Council's existing estates.

estates.

The appointment, which will be determinable by one month's notice on either side, is subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass a medical examination. Applications stating age, qualifications and full details of experience together with all other essential information and accompanied by copies of not more than three recent testimonials should be delivered to the undersigned within fourteen days after the publication of this advertisement. Canvassing will disqualify and an applicant who is related to a Member of, or a senior Officer of, the Council, must disclose the fact in his application.

ERIC R. MORGAN.
Clerk of the Council. Council Offices, Lord Street.

Gainsborough August, 1946.

COUNTY BOROUGH OF WALLASEY.

Applications are invited by the 6th September for the following appointments:—(a) CHIEF ARCHITECTURAL ASSISTANT. Salary £575-£650 (Grade PTI VII) plus cost-of-living bonus. Applicants must be Fellows or Associates of the R.I.B.A. experienced in the design and construction of buildings.

(b) ARCHITECTURAL ASSISTANT. Salary £420-£465 (Grade PTA IV) plus cost-of-living bonus. Applicants should be experienced in preparing working drawings and supervising contracts. Chartered and Registered Architects preferred.

preferred.

Application forms and particulars may be obtained from the Borough Surveyor on receipt of a stamped addressed envelope.

EMRYS EVANS.

Town Clerk.

ESSEX EDUCATION COMMITTEE.

SOUTH-WEST ESSEX TECHNICAL COLLEGE AND SCHOOL OF ART, FOREST ROAD, WALTHAMSTOW, E.17.

A Panel of LECTURERS and INSTRUCTORS for Part-time (Evening) Classes, to commence in September, 1946, to cover all Architectural, Buildin, Surveying, Structural Engineering Subjects, is now being prepared. Suitably qualified persons desiring to be registered for consideration for any vacancies which may arise should apply to the Head of the Department of Architecture and Building at the College for a form of application.

ARCHITECT required by the Iraqi Government, for the Basrah Port Directorate, for three years in the first instance. Commencing salary according to age and experience in the scale I.D.90 a month, rising to I.D.110 a month, plus high cost-of-living allowance of I.D.24 a month (I.D.1=£1). Free passages. Provident Fund. Candidates must be A.R.I.B.A. or hold an equivalent qualification, and must have had practical building experience.
Apply at once by letter, stating age, whether married or single, and full particulars of qualifications and experience to the Crown Agents for the Colonies, 4, Millbank, London, S.W.1, quoting M/N/13796.

CITY OF LINCOLN.

CITY ENGINEER'S DEPARTMENT.

APPOINTMENT OF ARCHITECTURAL ASSISTANTS.

Applications are invited for the following Permanent Appointments in the City Engineer's Department, for which candidates are advised to obtain further particulars.

(1) ARCHITECTURAL ASSISTANT (Grade IV).

Salary in accordance with Grade IV, £420— £15—£455, of the Scales of the National Joint Council, plus cost-of-living bonns. (2) ARCHITECTURAL ASSISTANT (Grade

Salary in accordance with Grade III, £390—213—2435, of the Scales of the National Joint Council, plus cost-of-living bonus.
Candidates should be Associate Members of the Royal Institute of British Architects (or hold equivalent qualifications), and have had good experience in general architectural work, including housing, and in the preparation of working drawings and specifications.

Forms of application can be obtained from and should be returned to the City Engineer, Corporation Offices, Silver Street, Lincoln, not later than Saturday, 7th September, 1946, endorsed "Architectural Assistant."

J. H. SMITH.

J. H. SMITH.

Town Clerk. Corporation Offices, Lincoln. 29th July, 1946.

STAFFORDSHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

ASSISTANT.

Applications are invited for the above appointment, at a commencing salary in accordance with the General Division of the National Scales, depending upon age (£160 per annum at 21 years to £300 per annum at 30 years), plus a cost-of-living bonus, at present amounting te £59 16s. per annum for males.

Applicants should have had good architectural training, and experience in an Architect's office. The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937, and the Scheme of Conditions of Service of the National Joint Council for Local Authorities, and will be subject to one month's written notice on either side. The successful candidate will be required to pass a medical examination. Applicants must disclose in their application whether they are related to any member of the authority. Canvassing of members directly or indirectly will disqualify.

Applications, giving age, details of education, training, experience, previous and present appointments, and accompanied by three recent testimonials, should be delivered in a sealed envelope to the County Architect, County Buildings, Stafford, as soon as possible

T. H. EVANS, Clerk of the County Council.

APPOINTMENT OF ARCHITECTS AND PLAN-NING OFFICERS IN THE BRITISH WEST INDIES.

Applications are invited for three temporary, non-pensionable appointments, as described below, for qualified Architects and Planning Officers. Other similar posts are likely to be available later. All of them involve what is to a large extent pioneer work, particularly in the field of tewn planning and housing. Nearly all West Indian Colonies, in the last two years, have introduced legislation enabling them to carry out simple town planning schemes and slum clearance and housing developments, including schools and community buildings, with the aid of funds provided under the Colonial Development and Welfare Act. Outline planning schemes for the chief towns are now in preparation under the direction of the Town Planning Adviser to the Comptroller for Development and Welfare.

The building industry is in a state of transition from the primitive to the scientific, and there is consequently great scope for architects combining imagination with experience of building economy and field organization. Housing is the most pressing problem, so it is important that those appointed should be at least interested, if not highly experienced, in the technical and sociological problems involved.

The climate is sub-tropical and seldom unpleasantly hot. Cost-of-living varies in the different colonies, but is usually a little higher than in England. Income-tax rates are lower. Free passages once each way. Local allowances are payable in addition to the salaries quoted.

Applicants should write at once to The Director of Recruitment, Colonial Service, 15, Victoria Street, London, S.W.1, giving their qualifications and experience, age, and particulars of their present employment.

BUILDING RESEARCH OFFICER TO THE COMPTROLLER FOR DEVELOPMENT AND WELFARE IN THE WEST INDIES.

Duties—The officer will be one of the Comptroller's staff of technical advisers, with headquarters in Barbados. He will be expected to travel regularly to all parts of the British West Indies. Main responsibilities will be coordination of building and housing research pregrammes in the different colonies; study of building economics related to the use of local materials and to imported or locally produced standard workshop units; organization of field tests; design of experimental building types for houses, schools and various community buildings. He will work under the direction of the Comptroller's Town Planning Adviser for approximately the first six months, and may thereafter be required to succeed to some of this officers' advisory duties, particularly in the housing field. He will be required to collaborate with the Comptroller's advisers in Economics, Health. Education. Labour and Social Welfare; with Directors of Public Works in West Indian colonies; and with Planning Officers and Architects attached to Governments of the various colonies.

Qualifications.—Pully qualified chartered architect, with at least two years' experience in building research connected with Government or private organizations; at least six years' general post graduate experience in design and construction of buildings. Since housing is an important part of the building programme, a town planning qualification, or some experience of Government housing technique, will be an advantage. Specialist experience in building research. however, is of first importance.

Terms of Appointment.—The appointment will be for three years, renewable by agreement. The salary will be from £1,000 to £1,400 per annum according to experience and consequent scope, of duties.

PLANNING OFFICER, JAMAICA.

Duties.—Chief technical officer to the Jamaics

According to experience and consequent scope, adulties.

PLANNING OFFICER, JAMAICA.

Duties.—Chief technical officer to the Jamaica Planning and Housing Authority (to be formed shortly). Collaboration with the Town Planning Adviser to the Comptroller for Development and Welfare in preparing a planning survey and draft town planning proposals for Kingston and Spanish Town (population 120,000). Technical advice in interpreting planning schemes for Kingston and other towns. Architectural advice in layout and design of housing schemes and other developments connected with planning schemes.

Qualifications and Experience.—Chartered architect, fully qualified as a town planner, with good experience in the execution of town planning and housing schemes.

Terms of Appointment.—For three years, renewable by agreement. Salary £1,000-£1,100 a year, according to experience.

GOVERNMENT ARCHITECT FOR THE

according to experience.

GOVERNMENT ARCHITECT FOR THE WINDWARD ISLANDS.

Duties.—Responsibility for design and execution of housing schemes, exhools, buildings for agricultural, educational and other services in collaboration with the Public Works Departments of the islands of Grenada, St. Lucla, St. Vincent and Dominica. Advice in interpretation and detailed development of recently prepared outline planning schemes for the chief towns. Direction of building research studies and building experiments.

of building research studies and building experience.

Qualifications and Experience.—Chartered architect, with at least six years' experience in design and construction of buildings, and preferably with good experience of housing technique.

Town planning qualification an advantage, but not expending.

not essential pointment.—Three years' contract, renewable by agreement. Salary £900-£1.000 a year, according to experience.

NORTH MIDDLESEX AND HERTFORDSHIRE JOINT COMMITTEE.

TECHNICAL ASSISTANT.

Applications are invited for the appointment of a Technical Assistant, for duties under the direction of the Planning Officer to the Joint Committee, whose office is at Southgate. Applicants must be competent draughtsmen, with general planning experience.

The salary will be within either Grade I (£33) per annum × £15—£375), or Grade II (£36) per annum × £15—£405), of the Administrative, Professional and Technical Division, National Scheme of Conditions of Service, commencing according to age, qualifications and experience. Cost-of-living bonus (at present £59 16s. per annum) and London weighting "of £20 per annum, will be payable. The appointment will be subject to the previsions of the Local Government Superannuation Act, 1937, and the successful candidate will be required to pass the prescribed medical examination. Appointment terminable by one months notice on either side.

Applications, marked "Technical Assistant, giving full particulars of age, considerations and

notice on either side.

Applications, marked "Technical Assistant," giving full particulars of age, qualifications and experience, and accompanied by copies of more than three recent testimonials, must be received by the undersigned not later than 7th September, 1946. Canvassing disqualifies.

C. W. RADCLIFFE.

Honorary Secretary

Guildhall, Westminster, S.W.I.

Guildhall, Westminster, S.W.1. 10th August, 1946.

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Applications, in the SENIOR Trade VII Grade VII SBNIOR Grade VI, Two AR IV, £420-Two J nus. SENIOI VIII, £62 SENIOI Heating plus cost-

SENIO Grade VI Grade VI Two S TANTS. Three Grade IV SENIO Applica ssociate Associate British A tion, and experience Applica Assistant

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COUNTY BOROUGH OF BLACKPOOL.

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Applications are invited for the following positions, in the Borough Surveyor's Department:—
SENIOR ARCHITECTURAL ASSISTANT.
Grade VIII, £625-£700, plus cost-of-living bonus.
SENIOR ARCHITECTURAL ASSISTANT.
Grade VI. £535-£600, plus cost-of-living bonus.
Two ARCHITECTURAL ASSISTANTS. Grade
IY. £420-£465, plus cost-of-living bonus.
Two JUNIOR ARCHITECTURAL ASSISTANTS. Grade I, £330-£375, plus cost-of-living bonus.

TANTS. Grade 1, 2502-2510, plus cost-of-transbonus.

SENIOR ENGINEERING ASSISTANT. Grade VIII, 2625-2700, plus cost-of-living bonus.

SENIOR ENGINEERING ASSISTANT, for Heating and Ventilating. Grade VI, 2535-2600, plus cost-of-living bonus.

Two ENGINEERING ASSISTANTS. Grade IV, 260-2465, plus cost-of-living bonus.

SENIOR TOWN PLANNING ASSISTANT. Grade VI, 2535-2600, plus cost-of-living bonus.

Two SENIOR TOWN PLANNING ASSISTANTS. Grade VI, 2535-2600, plus cost-of-living bonus.

Two SENIOR TOWN PLANNING ASSISTANTS. Grade VI, 2656-2600, plus cost-of-living bonus.

bonus.

Three TOWN PLANNING ASSISTANTS.
Grade IV, £420-£465, plus cost-of-living bonus.
SENIOR CLERICAL ASSISTANT. Clerical
Division, £315-£360, plus cost-of-living bonus.
Applicants for Architectural posts other than
Junior Architectural Assistants should be
Associate Members of the Royal Institute of
British Architects, or hold an equivalent qualification, and have had at least three years practical
experience.
Applicants for the post of Junior Architectural

experience. Applicants for the post of Junior Architectural Assistant should have passed the Intermediate Examination of the Royal Institute of British Architects or hold equivalent professional qualifications, and had at least one year's practical experience, or alternatively have passed the Final examination of the Royal Institute of British Architects or hold equivalent professional qualifications. fications.

fleations.

Engineering Staff.

Applicants for Engineering posts should be Associate Members of the Institution of Civil Engineers, or hold an equivalent professional qualification and have had at least three years' practical experience.

Planning Staff.

Planning Staff.

Applicants should have a recognized Professional qualification in either Architecture, Engineering or Surveying, and either have passed a recognized Town Planning Examination, or have had three years' experience in Practical Planning. The work for which the Planning staff is being engaged is primarily to assist in the preparation of the Outline Plan.

Applications, stating in the following order—age, present position, previous position and full details of qualifications and experience, accompanied by copies of three recent testimonials—are to be forwarded to Arthur Hamilton, B.Sc., A.R.I.B.A., Borough Surveyor, Municipal Buildings, Blackpool, not later than 10 a.m. on 2nd September, 1946.

The positions are designated posts in the Local

spenmber, 1946.
The positions are designated posts in the Local Government Superannuation Fund, and the successful candidates will be required to undergo medical examination.

Canvassing of the Council will be a disqualification.

TREVOR T. JONES, Town Clerk. Municipal Buildings, Blackpool.

MONMOUTHSHIRE COUNTY COUNCIL

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the post of CHIEF QUANTIFY SURVEYOR, at a salary in accordance with Grade VII of the Administrative, Professional and Technical Division of the National Joint Council's Scheme, viz., £575 per annum, rising by annual increments of £25 to a maximum of £650 per annum, plus cost-of-living bonus, at present £59 16s. per annum.

Applicants should be members of the Surveyors' Institution (Quantities Section), and should have wide experience in preparing estimates and bills of quantities, and in dealing with contractors' accounts, etc. Previous experience with a local Government Authority is essential.

The appointments will be subject to the Local Government Superannuation Act, 1937, and to the Regulations of the Council in force from time to time governing their Administrative, Technical and Clerical Staff, and will be determinable by one month's notice on either side. The successful examination.

Forms of application and conditions of service can be obtained from the undersigned. Applications, stating age, experience, and qualifications, tegether with copies of three recent testimonials, must be delivered to Mr. Colin L. Jones, F.R.I.B.A., County Architect, Queen's Hill. Newport, Mon., not later than first post on Monday, 26th August, 1946.

VERNON LAWRENCE, Clerk of the Council. County Hall, Newport, Mon.

MATLOCK URBAN DISTRICT COUNCIL.

ENGINEER AND SURVEYOR'S DEPARTMENT.

APPOINTMENT OF ARCHITECTURAL ASSISTANT.

ASSISTANT.

Applications are invited for the appointment of an Architectural Assistant, in the Engineer and Surveyor's Department, at a commencing salary of £350, rising by annual increments of £15 to £405 per annum, plus cost-of-living bonus (at present £59 16s. per annum).

Applicants should be experienced in land surveying, levelling, preparation of plans, working drawings and specifications for Housing Schemes, and preference will be given to candidates having suitable qualifications.

Applications, stating age, qualifications, and experience, together with copies of three recent testimonials, must reach the undersigned not later than 24th August, 1946.

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

E. L. WRIGHT, Acting Clerk.

Town Hall, Matlock. 1st August, 1946.

Amended Advertisement. NORTHAMPTONSHIRE COUNTY COUNCIL.

APPOINTMENT OF DEPUTY COUNTY ARCHITECT.

Applications are invited from Registerea Architects.

The initial salary for the post is £750, rising by annual increments of £25 to £900 per annum (no cost-of-living bonus payable).

Applicants should have had experience in the Architect's Department of a local authority, and should be capable of dealing with the general administration thereof and of controlling technical and administration and the selected candidate will be required to pass a medical examination before the appointment is confirmed.

Forms of application embodying further particulars of the appointment may be obtained from the County Architect, County Hall, Northampton, to whom applications, endorsed "Depaty County Architect," and accompanied by a copy of one recent testimonial, must be delivered not later than 17th September, 1946.

Clerk of the County Council.County Hall, Northampton.

County Hall. Northampton. 2nd August, 1946.

NORTHAMPTONSHIRE COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments, in the County Architect's Depart-

Applications are invited for the following appointments, in the County Architect's Department:—
(1) ENGINEERING ASSISTANT. A.P.T., Grade VI, £555 per annum, rising to £600 per annum, with cost-of-living bonus (at present £59 lés, per annum) in addition.
Applicants must be qualified Engineers, and have had extensive experience in the design and maintenance of low pressure heating and domestic hot water installations and general electrical installations, more particularly those in cinemas.
(2) PERMANENT ARCHITECTURAL ASSISTANT. A.P.T., Grade III, £390 per annum, rising to £435 per annum, with cost-of-living bonus (at present £59 lés, per annum) in addition.
Applicants must be Registered Architects, not less than 30 years of age, and should have had a good general experience in the work of an Architect's office.
(3) TEMPORARY ARCHITECTURAL ASSISTANT. Salary £400 per annum, with cost-of-living bonus (at present £59 lés, per annum) in addition.
Applicants must be Registered Architects, not per applicants must be Registered Architects.

Applicants must be Registered Architects, not less than 25 years of age, and should have had experience in dealing with school buildings under a local authority.

Appointments (1) and (2) will be subject to the provisions of the Local Government Superannuation Act, 1937, and, as regards all three appointments, the selected candidate will be required to pass a medical examination before the appointment is confirmed.

Forms of application embodying further particulars of each appointment may be obtained from the County Architect, the County Hall, Northampton.

from the County Architect, the County Hour, Northampton.

Applications for appointments (1) and (2), endorsed "Engineering Assistant," or "Permanent Architectural Assistant," as the case may be, must be delivered to the County Architect not later than 17th October, 1946.

Applications for appointment (3), endorsed "Temporary Assistant," must be delivered as above not later than 17th September, 1946.

J. ALAN TURNER,

Clerk of the County Council.

County Hall, Northampton.

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MINISTRY OF WORKS.

Applications are invited for the appointment of Architectural Assistants, at a salary of £250 to £350 per annum, according to experience. In addition a consolidated addition of £78 per annum is payable.

The vacancies are at the Regional Office of the Ministry at Tunbridge Wells, and will be on a temporary basis. Applicants should have completed an approved period of training in Architecture, and should preferably have passed the Intermediate Examination of the Royal Institute of British Architects or its equivalent, and had several years' practical experience in the office of either a practising architect or an official architect. Apply in writing to Ministry of Labour and National Service, Room 220, Hanway House, Red Lion Square, W.C.1.

BOROUGH OF HESTON AND ISLEWORTH.

BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

Applications are invited for the appointment of DRAUGHTSMAN, in the Town Planning Section of the Borough Engineer and Surveyor's Department, at a salary in accordance with Grade I of the Administrative, Professional and Technical Division of the National Scale of Salaries (£330×£15-375 per annum), plus London weighting (£20 per annum), together with cost-of-living bonus.

bonus.

Applicants, male or female, must be capable and expeditions draughtsmen, and preference will be given to those with Town Planning experience. The appointment is an established post, and will be subject to the provisions of the Local Government Superannuation Act, 1937, and the successful applicant will be required to pass a rectical expensation.

successful applicant will be required to pass a medical examination.

Applications, stating age, qualifications, experience, present and past appointments, together with copies of three recent testimonials, should be delivered to the undersigned in envelopes endorsed "Draughtsman" not later than Monday, 9th September, 1946.

HAROLD SWANN, Town Clerk. Council House, Hounslow, Middx.

BOROUGH OF SOUTHGATE.

BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

APPOINTMENT OF ARCHITECTURAL ASSISTANTS.

Applications are invited for the undermentioned appointments, in the Borough Engineer and Sur-

appointments, in the Borough Engineer and Surveyor's Department:

(a) One ARCHTPECTURAL ASSISTANT. on the Established Staff. Salary, etc., in accordance with Grade V of the A.P.T. Division of the National Joint Council Scales, i.e., £460-£510 per annum, plus £20 London area weighting.

(b) One ARCHITECTURAL ASSISTANT (Temporary). Salary £350 per annum.

In addition, a cost-of-living bonus (at present £59 16s. per annum) is payable for each appointment.

Applicants for appointment (a) should be

Applicants for appointment (a) should be Members of the Royal Institute of British Architects, or hold an equivalent qualification. Previous municipal experience, particularly in housing, will be an advantage.

Applicants for appointment (b) should have had previous municipal experience, and preference will be given to candidates who are members of the Royal Institute of British Architects or hold an equivalent qualification, although candidates who have made specific progress towards obtaining a recognized professional qualification will be considered.

Appointment (a) will be subject to the provisions of the Local Government Superannuation Act, 1937. The successful applicants for both appointments will be required to pass satisfactorily a medical examination. Appointment (b) will be for a period of not exceeding two years in the first instance. Both appointments will be terminable by one month's notice on either side. Candidates who to their knowledge are related to a member or senior officer of the Council must disclose the relationship in their applications. Failure to do so will disqualify or render the candidate appointed liable to dismissal without notice.

notice.
Canvassing, either directly or indirectly, will be a disqualification.
Applications, stating age, examination qualifications, present and past appointments, with dates and salaries, and particulars of experience, accompanied by copies of three recent testimonials, and endorsed on the envelope "Architectural Assistant (a)," or "Architectural Assistant (b)" (as may be appropriate), must reach Mr. J. T. W. Peat, F.R.I.B.A. Boreugh Engineer and Surveyor, Southgate Town Hall, N.13, by not later than Friday, 30th August, 1946.

GORDON H. TAYLOR,
Town Clerk.
Tok August, 1946.

CITY OF PORTSMOUTH.

CITY PLANNING OFFICERS' DEPARTMENT.

Applications are invited for the following permanent appointments in the Department of the City Planning Officer.

SENIOR PLANNING ASSISTANTS (2).

Applicants should be members of either the Royal Institute of British Architects, Royal Institution of Charlered Surveyors or Institute of Civil Engineers, and of the Town Planning Institute, and be thoroughly conversant with modern planning technique and experienced in the preparation and administration of Statutory Planning and Urban improvement schemes.

The salary is Grade VIII of the National Scale of Salaries, viz., £625-£700 per annum, together with cost-of-living bonus, at present £59 16s. per annum.

annum.

The appointments will be subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidates will be required to pass a medical examination. The appointments are also subject to the National Scheme of Conditions of Service.

In the past assistance has been given to new members of the staff to obtain living accommodation within the City.

Applications stating are applifications and or applications and control or stating are condifications and control or stating are conditions and control or stating are condifications and control or stating are conditions and control or stating are conditions and control or stating are conditions.

Applications, stating age, qualifications and ex-perience, together with the names of three re-sponsible persons to whom reference may be made, must be delivered to the undersigned, clearly marked "City Planning Appointment," not later than 2nd September, 1946. Canvassing will be a disqualification.

V. BLANCHARD,

City Council Chambers, Southsea. 3rd August, 1946. 745

COUNTY BOROUGH OF SOUTHAMPTON.

BOROUGH ARCHITECT'S DEPARTMENT.

APPOINTMENT OF TOWN PLANNING STAFF.

Applications are invited for the following appointments, in the Town Planning Branch of the Borough Architect's Department:—
(1) One SENIOR ASSISTANT PLANNING OFFICER. Grade VI (£535-£600, plus war bonus of £59 16s. per annum). Permanent.
(2) Two ASSISTANT PLANNING OFFICERS. Grade IV (£420-£465, plus war bonus of £59 16s. per annum).

oper annum).
(3) One PLANNING ASSISTANT. Grade III (£390-£435, plus war bonus of £59 16s. per snnum).

(3) One PLANNING ASSISTANT. Grade III (£390-£485, plus war bonus of £59 16s. per annum). Temporary.

(4) One PLANNING ASSISTANT. Grade II (£360-£405, plus war bonus of £59 16s. per annum). Temporary.

The Senior Assistant Planning Officer will be responsible primarily for work in connection with the reconstruction of the central area of Southampton, which has been very severely damaged by enemy action, and is the subject of an application to the Ministry for a Declaratory Order under Section I of the Town and Country Planning Act. 1944. Candidates for this post should be corporate members of the Town Planning Institute, who have a special knowledge of the problems involved in drawing up practical proposals for the redevelopment of urban areas. Assistant Planning Officers should be qualified for the Associate Membership of the Town Planning Institute, and preference will be given to candidates who have in addition a professional qualification in architecture, engineering, or surveying.

to candidation in architecture, engineering, or surveying.

Planning Assistants should have a professional qualification in architecture, engineering, or surveying, and should have passed some or all of the examinations leading to Associate Membership of the Town Planning Institute.

Applications, giving full particulars of age, qualifications and experience, and the names and addresses of three persons to whom reference may be made, should be sent to Denis Winston, M.A., B.Arch., A.R.I.B.A., M.T.P.I., Berough Architect, Civic Centre, Southampton, to reach the above on or before Monday, 2nd September, 1946.

LONDON COUNTY COUNCIL.

Required at the Brixton School of Building, Ferndale Road. S.W.4. as soon as possible, a Full-time TEACHER OF BUILDING. for the Senior School. Applicants should hold higher National Diploma or Certificate in Building, or have equivalent qualifications. Good experience in responsible capacity in building industry essential. Teaching experience a recommendation. Salary Burnham Scale. £300×£15 to £925 (men, plus London allowance, minimum £36 a year), and additions for training and qualifications as applicable. Commencing salary according to teaching and industrial experience. Applications forms from the Education Officer (T.I). County Hall S.E.I. (stamped addressed foolscap envelope necessary), returnable by 14th September, 1946. Members of H.M. Forces serving abroad should apply by letter.

URBAN DISTRICT COUNCIL OF ENFIELD.

ENGINEER AND SURVEYOR'S DEPARTMENT.

Applications are invited for the following per-

Applications are invited for the following permanent appointments:

(a) SENIOR ENGINEERING ASSISTANT.

Candidates should be Corporate Members of the Institution of Civil Engineers or hold equi/alent qualifications, and should have had good general Municipal engineering experience.

(b) SENIOR ARCHITECTURAL ASSISTANT. Candidates should be Associates of the Royal Institute of British Architects, and have good general experience.

The salary for both appointments will be in accordance with Grade V of the A.P.T. Division of the National Scales, 2460-2510, plus cost-of-living bonus, at present £59 16s. per annum.

The appointments will be subject to:—

(1) The Scheme of Conditions of Service adopted by the National Joint Council for Local Authorities, Administrative, Professional, Technical, and Clerical Services.

(2) To the Local Government Superannuation Act. 1937.

(3) The passing of a medical examination.

The passing of a medical examination (4) Determination by one month's notice on either side

either side.

Forms of application may be obtained from Mr. Frank Lee. Assoc.M.Inst.C.E., F.S.I., Engineer and Surveyor, "Percy House," 7, Little Park Gardens, Enfield, Middlesex, and should be returned to the undersigned on or before 21st September, 1946. the envelope being endorsed "Senior Engineering Assistant" or "Senior Architectural Assistant."

Candidates must state whether they are related to any member or officer of the Council. Canvassing will disqualify.

J. WARING SAINSBURY,

Clerk of the Council.
Public Offices, Enfield, Middlesex. 706

BUCKS COUNTY COUNCIL.

COUNTY ARCHITECT'S DEPARTMENT.

Applications are invited for the undermentioned

Applications are invited for the undermentioned appointments:—
(a) Two SENIOR ASSISTANT ARCHITECTS. Qualified as Fellows or Associates of the R.I.B.A., and preferably holding a University degree or equivalent in architecture, and having specialized knowledge and experience, for one post, of contemporary architectural design, and, for the other, of contemporary building construction and organization. Salary scale in each case £600×£25—£800 p.a., plus bonus (now £59 19s. per annum), commencing figure in accordance with qualifications and experience.
(b) Six ASSISTANT ARCHITECTS. Preferably members of the R.I.B.A. by examination and/or holding equivalent academic qualifications, and having experience of contemporary architectural and/or structural design. Salary scales between £330 and £600 p.a., plus bonus as above, according to qualifications and experience.
(c) One CHIEF QUANTITY SURVEYOR. Qualified as a member of the Surveyor's Institute by examination, and possessing suitable experience in the practice of quantity surveying, preferably under a local authority. The duties will entail taking charge of a quantity surveying section under the County Architect. Salary scale £600×£25—£800 p.a., plus bonus as above, commencing figure in accordance with, qualifications and experience.
(d) One ASSISTANT QUANTITY SURVEYOR.

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and experience.

(d) One ASSISTANT QUANTITY SURVEYOR.
Qualified as a member of the Surveyor's Institute
or at least having passed the intermediate examination of that Institute, and having appropriate experience in the practice of quantity
surveying. Salary £420×£15—465 p.a., plus bonus

surveying. Salary £420×£15—465 p.a., plus bonus as above.

(e) Two BUILDING SURVEYORS (Maintenance), with practical training and a sound knowledge of building trades, competent to prepare reports, specifications, estimates and drawings for maintenance repairs to all county buildings, and to supervise such works; may be required to act as clerk of works for new buildings. Candidates should own or be able to drive a motor vehicle. Travelling allowance will be paid. Salaries will be on scales between £360 p.a. and £465 p.a., plus bonus as above, according to qualifications and experience.

All appointments will be superannuable and subject to medical examination. Unless otherwise stated local government experience is not essential. Canvassing will be a disqualification. Applications from persons at present serving in the Forces should state their position with regard to demobiligation.

Details of these appointments and forms of application may be obtained from F. A. C. Maunder, F.A. B.A., A.M.T.P.I. County Architect, County Offices, Aylesbury, to whom applications must be delivered not later than Thursday, 29th August, 1946.

GUY R. CROUCH,

Cletk of the Bucks County (Cletk of the Bucks County (Standard) (S Council.

MIDDLESBROUGH EDUCATION COMMITTEE.

APPOINTMENT OF SENIOR ARCHITECTURAL ASSISTANT.

Applications are invited for appointment as Senior Architectural Assistant in the Architect's Section of the Education Department. Salary in accordance with Grade VI of the National Joint Council Scales (£535-£500 per annum), plus cost-of-living bonus. Applicants must be Associates of the Royal Institute of British Architects, and have had considerable experience in the design and construction of modern educational buildings. The appointment will be subject to the provisions of the Local Government Superannuation Act, 1937.

Act, 1937.

Applications, giving full details of age, training, qualifications, present and previous appointments, type of experience, together with copies of not more than three recent testimonials, should be delivered to the Director of Education, Education Offices, Woodlands Road, Middlesbrough, by not later than Friday, 6th September, 1946.

Canvassing will disqualify.

E. C. PARR, Town Clerk.

Town Clerk's Office, Middlesbrough. August, 1946.

COUNTY BOROUGH OF SMETHWICK.

BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

ARCHITECTURAL ASSISTANT.

ARCHITECTURAL ASSISTANT.

Applications are invited for the above appointment, in the Architectural Section of the Borough Engineer's Department. Salary in accordance with Grades II and III of the National Joint Council Scales, commencing at £360 per annum, rising by annual increments of £15 to £435 per annum, plus cost-of-living bonus (at present at the rate of £59 16s, per annum).

Preference will be given to candidates who are Registered Architects and/or have passed the Associateship Examination of the Royal Institute of British Architects.

The appointment will be determinable by one month's notice on either side, and is subject to the provisions of the Local Government Superannuation Act, 1937. The successful candidate will be required to pass a medical examination.

Applications, endorsed "Architectural Assistant" on the form to be obtained from the Borough Engineer, accompanied by copies of two recent testimonials, must be delivered to the Borough Engineer. Council House, Smethwick, not later than Wednesday, 28th August, 1946.

Canvassing, directly or indirectly, will disqualify.

E. L. TWYCROSS, Town Clerk.

Council House, Smethwick. 2nd August, 1946.

KENT EDUCATION COMMITTEE.

MEDWAY SCHOOL OF ARTS AND CRAFTS. EASTGATE, ROCHESTER.

DEPARTMENT OF ARCHITECTURE.

Required, in September, full-time LECTURER ND STUDIO MASTER, for Design and Allied

Subjects.

Applicants should preferably have been trained in a recognized school of architecture and be Associates of the R.I.B.A. Previous teaching experience is desirable, though not essential.

Salary: Burnham Technical Scale, with increments for professional and/or teaching experience. Applications should reach the Principal as soon as possible.

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BURGH OF GREENOCK.

APPOINTMENT OF SENIOR ARCHITEC TURAL ASSISTANT IN MASTER OF WORKS DEPARTMENT.

The Corporation of Greenock invite applications for the position of Senior Architectural Assistant, in the Department of the Master of Works, at a commencing salary of £400 per annum, rising by annual increments of £20 to £470 per annum, plus cost-of-living bonus.

Applicants must be Registered Architects, and experienced in Housing and General Architectural Work

Work.

The appointment will be on the permanent staff of the Corporation, and is subject to one month's notice on either side, and the successful applicant will be required to bass a medical examination and to contribute to the Corporation's Superannuation (Scotland) Act, 1937.

Applications, endorsed "Senior Architectural Assistant," stating age, qualifications, experience, and accompanied by copies of not more than three recent testimonials, should be forwarded to the undersigned not later than Saturday, 24th August, 1946.

A. H. GRAY, Town Clerk. Municipal Buildings, Greenock. 1st August, 1946.

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Applicati Application permanent Council's 1 (a) SEN1 (b) ARC (c) ESTI Applican some prevlay out placements, a of British Applican preparing ledge of a Applican

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CHESTER-LE-STREET RURAL DISTRICT COUNCIL.

Applications are invited for the following permanent appointments on the staff of the Council's Post War Housing Architect:—
(a) SENIOR ARCHITECTURAL ASSISTANT.
(b) ARCHITECTURAL ASSISTANT.
(c) ESTIMATING CLERK.
Applicants for appointments (a) should have had some previous experience in the preparation of lay out plans and house type plans for housing schemes, and membership of the Royal Institute of British Architects will be an advantage.
Applicants for appointment (b) should have good general architectural experience, and be capable of preparing working drawings and have a knowledge of surveying and levelling.
Applicants for appointment (c) should have had previous experience in a similar capacity, either with a local authority carrying out direct labour schemes or with a building contractor, and should have a sound knowledge of quantities and pricing. The appointments will be subject to the provisions of the Local Government Superannuation Act. 1877.

The salaries for the respective appointments will be in accordance with the scales of the National

The salaries for the respective appointments will be in accordance with the scales of the National Joint Council for Local Authorities—Administrative, Professional, Technical Division—and for appointment (a) will be Grade IV, £420-£465 per annum; (b) Grade II, £360-£405. Current cost-of-living bonus will be

256-2405. Current cost-of-living bonus will be paid in addition.

Printed particulars of the appointments may be obtained from the Council's Post War Housing Architect. Mr. F. Bowman, A.R.I.B.A., Birtley Estate Office Great North Road, Birtley.

Applications, in plain sealed envelopes endorsed for the respective appointment, to be delivered to the undersigned not later than 12 noon, Monday, 26th August, 1946.

R. C. BELL,

R. C. BELL,
Union Offices. Chester-le-Street.

COUNTY OF WARWICK.

ARCHITECT'S DEPARTMENT.

ARCHITECT'S DEPARTMENT.

Applications are invited for the following appointments on the Established Staff:—

(a) ASSISTANT ARCHITECT. Commencing salary 2420 per annum, rising by annual increments of £20 to £460 per annum.

(b) SURVEYING ASSISTANT. Commencing salary £420 per annum, rising by annual increments of £20 to £460 per annum.

(c) ENGINEERING ASSISTANT (HEATING). Commencing salary £365 per annum, rising by annual increments of £15 to £410 per annum.

(d) ASSISTANT ARCHITECT. Commencing salary £365 per annum, rising by annual increments of £15 to £410 per annum.

The above scales are exclusive of cost-of-living bonus, at present payable amounting to £59 16e.

per annum. per anum.

Applicants for (a) and (d) must be members of the R.I.B.A. and for appointments (b) members of the Royal Institution of Chartered Surveyors, and (c) should have had good technical education and be experienced in the design of, preparation of drawings, specifications and estimates for modern hot water heating, ventilating, and hot water

dfawings, specifications and estimates for modern hot water heating, ventilating, and hot water supply schemes. The successful applicant in each case will be subject to the provisions of the Local Government Superannuation Act, 1937, and will be required to pass a medical examination to the misfaction of the Council.

Applications are also invited for the following appointments on the Temporary Staff:—
Two JUNIOR ARCHITECTURAL ASSISTANTS. Commencing salary £285 per annum, rising by annual increments of £15 per annum to £300 per annum, plus temporary cost-of-living

rising by annual increments of £15 per annum to £300 per annum, plus temporary cost-of-living bonus, at present at the rate of £59 16s. per

Assuum.
Applications, stating age, qualifications and experience, together with copies of not more than
three recent testimonials, should be delivered to
the County Architect, Shire Hall, Warwick, not
later than 23rd August, 1946.

August, 1946.

L. EDGAR STEPHENS,

Clerk of the Council.

719 Shire Hall, Warwick.

CORPORATION OF KIRKCALDY.

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erce,

ARCHITECTURAL ASSISTANT (TEMPORARY).

Applications are invited for the post of Architectural Assistant (Temporary), in the office of the Burgh Engineer and Surveyor. Salary will be £230, rising by annual increments of £10 to £30 per annum. Placing on salary scale will be in accordance with the qualifications and experience of the candidate. Cost-of-living bonus in addition. Applications, accompanied by 1.0t more than three recent testimonials, should be lodged with the Burgh Engineer and Surveyor. Osborne House, East Fergus Place, Kirkcaldy, not later than 31st August 1946. The appointment is subject to the terms of the appropriate section of the Local Government Superannation (Scotland) Act, 1937. dealing with whole-time officers appointed in a temporary capacity.

HARROGATE AND DISTRICT REGIONAL PLANNING COMMITTEE.

CHIEF PLANNING ASSISTANT.

CHIEF PLANNING ASSISTANT.

Applications are invited for the appointment of Chief Planning Assistant, at a salary in accordance with the National Scale of Salaries A.P.T., Grade V. commencing at £460, and rising by two annual increments of £15 and one of £20 to £510 per annum, plus cost-of-living bonus.

Applicants should be Corporate Members of the Town Planning Institute, and have had experience in the preparation of Statutory Planning Schemes and the control of interim development. Preference will be given to applicants who possess also a qualification in engineering or architecture. The appointment will be terminable by one month's notice on either side, and the successful candidate will be required to pass a medical examination. The appointment is subject to the provisions of the Local Government Superannuation Act, 1937.

Applications, stating age, qualifications, and previous experience, endorsed "Chief Planning Assistant," and accompanied by copies of not more than three recent testimonials, should be submitted to the undersigned not later than Thursday, the 12th September, 1946.

Canvassing, either directly or indirectly, will be a disqualification.

J. M. DODDS,

J. M. DODDS,

Honorary Clerk of the Committee.

Offices, Harrogate.

30th July, 1946.

CITY OF PLYMOUTH.

Applications are invited for the following pointments, in the City Architect's Depart-

ment:— CHIEF ASSISTANT QUANTITY SURVEYOR, at a salary of £535, rising to £600 per annum, plus cost-of-living bonus, at present £59 16s. per

plus cost-of-living bonus, at present £59 16a. per annum.

SENIOR ASSISTANT QUANTITY SURVEYORS, at a salary of £460, rising to £510 rer annum, plus cost-of-living bonus, at presert £59 16s. per annum.

The posts will be subject to the Local Government Superannuation Act, 1937, and will be terminable upon one month's notice on either side. The persons appointed will be required to pass a medical examination.

Preference will be given to members of the Surveyors' Institution (Quantity Surveyors' Section). Candidates must not be over 40 years of age, but this condition may be relaxed in the case of a person up to 45 years of age, employed by another Local Authority.

Applications, stating age, qualifications, previous experience, and date when available, together with copies of three recent testimonials, should be sent to the City Architect, Compton Park House, Plymouth, not later than the 23rd August, 1946.

GOVERNMENT OF NORTHERN IRELAND.

QUANTITY SURVEYORS.

Applications are invited for posts of Quantity Surveyor and Assistant Quantity Surveyor in the Government of Northern Ireland. The posts are temporary, but so far as can be foreseen will last for several years.

Remaneration.—The remuneration will be within one of the following salary ranges:—
Quantity Surveyor, £550-£800,

Assistant Quantity Surveyor (Grade I), £350-£550.

Quantity Surveyor, £550-£800,
Assistant Quantity Surveyor (Grade I), £350-£50,
Assistant Quantity Surveyor (Grade II),
£250-£450,
and the commencing salary within these ranges will be fixed according to the qualifications and experience of the successful candidates. In addition a war bonus, varying from £78 per annum on salaries up to £400 per annum, to £92 per annum on salaries of £800 per annum, is at present payable.
Qualifications:
Quantity Surveyor: Candidates must be thoroughly proficient in all branches of Quantity Surveying, possess recognized professional qualifications, and have a wide experience in all classes of buildings.
Assistant Quantity Surveyor (Grades I and II): Candidates must be competent to square dimensions, cost wages and overtime, to prepare and price bills of quantities, prepare approximate estimates from sketch plans, make valuations for interim payments during the progress of works, measure up variations on contracts, prepare final accounts. In the filling of Grade I posts preference will be given to those who possess recognized professional qualifications.

Preference will be given to those who possess recognized professional qualifications.

Preference will be given to those who possess recognized professional qualifications, or within a reasonable time will be able to, discharge the duties of the post efficiently.

Closing date for receipt of application.—Applications must reach the Assistant Secretary (Establishments). Ministry of Finance, Stormont, Belfast, on or before the 27th August, 1946. Applicants should state date of birth, give full particulars of qualifications and experience, and enclose copies of two recent testimonials.

CITY OF WESTMINSTER.

JUNIOR ENGINEERING ASSISTANT.

Westminster City Council invites applications for the permanent appointment of Junior Engineering Assistant, on a salary scale of £360-£395 (Grade I of National Scales), plus bonus (at present £59 16s. per annum).

Applicants should not be over 25 years of age, and should have had Municipal experience. Applicants are required to possess a Civil Engineering or Building Surveying qualification, covered by a recognized Professional Institute.

The appointment will be subject to a satisfactory medical report, and to the provisions of the Council's Standing Orders, General Regulations and Superannuation Scheme. Canvassing will disquality.

Applicants must state, in the order given, full name and address, age, war service, qualifications by examination, present appointment—how long held and salary, previous appointments, particulars of experience, date on which appointment could be taken up, and whether to their knowledge they are related to any Member or Chief Officer of the Council.

Applications, accompanied by copies of three recent testimonials, should be sent in an envelope marked "Junior Engineering Assistant," so as to be received by the undersigned not later than Jist August, 1946.

PARKER MORRIS, Town Clerk. Westminster City Hall, Charing Cross Road, W.C.2.

COUNTY BOROUGH OF WEST HARTLEPOOL.

BUILDING INSPECTOR.

Applications are invited for the position of Building Inspector, in the Borough Engineer's Department, at a salary at the rate of \$275 \times 215\$ to \$2420\$ per annum, plus cost-of-living bonus (at present \$459\$ los.). The commencing salary will be fixed according to the selected candidate's qualifications and experience.

Applicants, who must not exceed the age of 45 years, must have a sound practical knowledge of Building Construction and Sanitation, including steel framed and concrete buildings, and must be fully conversant with the administration of Building Bye-laws.

Applications, endorsed "Building Inspector," giving full particulars of experience and qualifications, and accompanied by copies of not more than three recent testimonials, are to be delivered to Mr. Francis Durkin, Borough Engineer, West Hartlepool, not later than noon on Monday, 2nd September, 1946.

The appointment will be subject to the Local Government Superannuation Act, 1937, and the selected applicant will be required to pass a medical examination by, and to the satisfaction of, the medical officer.

The appointment will be subject to termination by one month's notice in writing on either side. Canvassing, directly or indirectly, will be a disqualification.

ERIC J. WAGGOTT,

ERIC J. WAGGOTT, Town Clerk. Town Clerk's Department. 1st August, 1946.

HEREFORDSHIRE COUNTY COUNCIL.

Applications are invited for the following appointments on the Permanent Staff of the County Architect's Department, at salaries in accordance with the Scheme of Conditions of Service recommended by the National Joint Council for Local Authorities' Professional, Technical and Clerical Services, and carry a cost-of-living bonus in addition, at present £59 16s. per annum.

(a) Two ASSISTANT ARCHITECTS (Grade VI, A.P.T. Division), £535, by £20 to £600.

Candidates should be Associate Members of the R.I.B.A., be able to take charge of a section of the Drawing Office, and have had considerable experience in Education work, particularly in the design of new School buildings.

(b) Two ASSISTANT ARCHITECTS (Grade V. A.P.T. Division), £460, by £15 to £510 per annum.

Candidates should be Associate Members of the

(6) Two ASSISTANT ARCHITECTS (Grade V. A.P.T. Division), £460, by £15 to £510 per annum. Candidates should be Associate Members of the R.I.B.A., and capable of preparing designs, working drawings, detail drawings and specifications. (c) ASSISTANT QUANTITY SURVEYOR (Grade V, A.P.T. Division). Should be qualified by examination, with extensive experience in the preparation of bills of quantities, estimates, and the control of large contracts.

The appointments, which will be terminable by one month's notice on either side, are subject to the provisions of the Local Government Superannuation Act, 1937, and the successful candidates will be required to pass a medical examination. Forms of application may be obtained from the County Architect, W. Usher, A.R.I.B.A., Bath Street. Hereford.

Applications are to be received by the County Architect at the above address by not later than 1st September, 1946.

COUNTY OF RENFREW.

EDUCATION COMMITTEE.

Applications are invited for the appointment of an ARCHITECTURAL ASSISTANT, in the Master of Works' Department, at a salary of £350, rising by six annual increments to £450 per annum, plus current war bonus.

The above appointment is superannuable, and applicants will require to pass a medical ex-

amination.

Applications, stating date of birth, details of professional qualifications, experience (with particular reference to schools), and copies of recent testimonials, should be addressed to the undersigned not later than 30th August, 1946, at 10 a.m. Applicants should also state when they will be available to take up duty.

ROBERT URQUHART.

Education Offices, 16, Glasgow Road,
Paisley.
7th August, 1946. 750

COUNTY BOROUGH OF SOUTH SHIELDS.

Applications are invited from qualified persons, for the position of QUANTITY SURVEYOR, in the Department of the Borough Engineer.

The salary attributable to the post is £535-£600 per annum, plus bonus. The appointment is superannuated, and the successful candidate must be prepared to pass a medical examination.

Applications should be on forms, to be obtained from the undersigned, to whom they should be returned no later than 2nd September, 1946.

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JOHN REID,
Borough Engineer's Office, Town Hall,
August, 1946.

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The successful applicant will normally be expected to take up duty on 1st September. 1946. but consideration will be given to applications received from men who may still be on national service at that date.

Applications, accompanied by three recent testimonials and names of two referees, should be received as soon as possible.

A. C. WEST.

Director.

BOROUGH OF MANSFIELD.

BOROUGH ENGINEER AND SURVEYOR'S DEPARTMENT.

SECOND ARCHITECTURAL ASSISTANT.

Applications are invited for the above appoint ent, at a salary in accordance with Grade IV A.P. & T. Division—National Scales of £420-15—£455, plus cost-of-living bonus, at present

£59 16s. per annum.

The appointment is subject to the provisions the Local Government Superannuation Act, 19

the Local Government Superannastion Act, 1937. and will be subject to one month's notice on either side. The successful candidate will be required to pass a medical examination, and to reside within the Borough.

Applicants must be Associates of the Royal Institute of British Architects, and must have experience in Housing and other general work of a Local Authority; a knowledge of quantities is desirable. desirable.

desirable. Form of apolication to be obtained from Mr. E. T. Crowe, B.Sc., A.M.I.C.E., Borough Engineer and Surveyor, Carr Bank. Mansfeld. to whom applications, accompanied by copies of not more than three recent testimonials, are to be delivered not later than Tuesday, 3rd September, 1946.

Canvassing, directly of indirectly, will disconlife.

A. C. SHEPHERD, Town Clerk.

Carr Bank, Mansfield. 3rd August, 1946. 742

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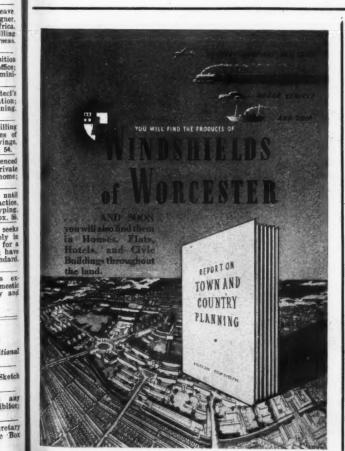
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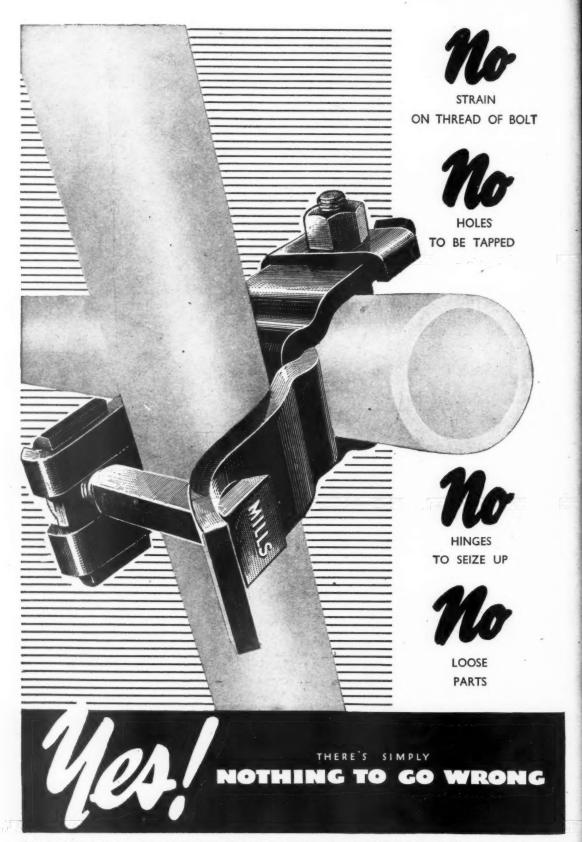
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