

August 1966 (6)

URBSEARCH

AND

CLARKE, GAZZARD AND PARTNERS

1960 — 1966

~~N.A. Farrugi Esq~~

With compliments

George Clarke

29.3.67.

## URBSEARCH

THE URBAN RESEARCH AND PLANNING CENTRE PTY LTD

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OCTOBER, 1966

URBSEARCH — THE URBAN RESEARCH AND PLANNING CENTRE PTY LTD; AND

CLARKE, GAZZARD AND PARTNERS — ARCHITECTS AND PLANNERS.

## SENIOR PERSONNEL

GEORGE CLARKE, B Arch (Sydney), Dip TP (London), Master in City Planning (Massachusetts Institute of Technology), ARAIA, ARIBA, MTPI, MAPI, Registered Architect and Certificated Town and Country Planner (NSW). Mr. Clarke is a Senior Partner of Clarke, Gazzard and Partners, and is a Director of URBSEARCH. Mr. Clarke's professional training and experience includes four years' work and study in Italy, the UK and USA. Prior to entering private practice, Mr. Clarke's major experience was gained with the Cumberland County Council, the London County Council, the Downtown Providence (RI) Master Plan Project, the office of I. M. Pei and Associates, Architects and Planners, New York, and Webb and Knapp Inc, Real Estate Developers, New York. Mr. Clarke returned to Australia late in 1959 and has since practised city and regional planning throughout Australia. He has been Honorary Editor of the Australian Planning Institute Journal since 1962 and is the Senior Vice President of the API Sydney Division. In 1965/66, Mr. Clarke undertook an intensive tour through Asia and the Middle East, studying problems of economic development and city planning.

DONALD GAZZARD, FRAIA, ARIBA, Registered Architect (NSW). Mr. Gazzard is a Senior Partner of Clarke, Gazzard and Partners and is a Director of URBSEARCH. Mr. Gazzard's 16 years' architectural experience has included ten years in Sydney and four years with the Housing Division, Architect's Department, London County Council, where he gained wide experience in medium and high density housing. He has made a special study of low cost housing in Europe and other parts of the world. Mr. Gazzard also worked for two years in Canada on the design and construction of a \$6 million shopping centre and on the planning and design of a large urban renewal project in Montreal. He gained awards in two international architectural competitions before returning to Australia in June 1960, and he won the first Wilkinson Award for Domestic Architecture of the Royal Australian Institute of Architects, NSW Chapter, in 1961. He is a Councillor of the NSW Chapter of the RAIA, and on behalf of the Institute has edited the recent book "OUTRAGE - The Decay of a Visual Environment".

W. GEOFFREY FAITHFULL, AMIE (Aust), Dip TCP (Syd), FAPI, Certificated Town and Country Planner (NSW). Mr. Faithfull is a Partner of Clarke, Gazzard and Partners and is a Director of URBSEARCH. Mr. Faithfull has had twenty years experience in urban and regional planning. Prior to 1963 he was Deputy Chief County Planner of Sydney's metropolitan region planning authority, the Cumberland County Council. He then became the Principal Planning Officer (Investigation and Development) of the State Planning Authority of New South Wales. He has served on many important committees such as the NSW Government Height of Buildings Advisory Committee. In 1962 he travelled abroad on a study tour of major metropolitan areas. He has served as President of the Australian Planning Institute, Sydney Division, and has been on the Board of Consultants of the ENO Foundation for Highway Traffic Control since 1960. He has lectured in planning at the University of Sydney and at the University of New South Wales. He was a Professorial lecturer in planning administration at the University of the Philippines in 1965. He has worked on United Nations assignments in Ghana, preparing the National Physical Development Plan, and in the Philippines, where he advised the Government on planning practice, organisation and administration, and was successful in establishing an Institute of Planning in the University of the Philippines.

GEORGE W. SMITH, B Surv (Qld), Authorised Surveyor (Qld), Licensed Surveyor (NSW), MIS (Aust), MAPI, AMTPI, Certificated Town and Country Planner (NSW). Mr. Smith is Chairman and Managing Director of URBSEARCH, and is a Partner in Clarke, Gazzard and Partners. Mr. Smith gained five years' experience in metropolitan and regional planning with the Brisbane City Council. He was responsible for the research programme upon which the New Town Plan for Brisbane is based. He was also in charge of the metropolitan-wide aspects of the city planning programme. He has contributed to basic planning techniques and theories in the fields of demography and industrial labour force forecasting and in the estimation of industrial land requirements. During 1965/66, Mr. Smith undertook an 18 month study tour in the United States, having been awarded a Fellowship by the Massachusetts Institute of Technology.

R. T. M. WHIPPLE, ACIV, Dip TCP (Syd), MAPI, Qualified Valuer. Mr. Whipple is a member of the Board of Directors of URBSEARCH and is a member of the academic staff of the University of Sydney's Department of Town and Country Planning. Mr. Whipple's 17 years' professional experience has included seven years mortgage lending with the Commonwealth Bank of Australia, four years in private real estate practice, three years as a senior executive in a public real estate development company gaining experience in property development in Australia, in South East Asia and South and East Africa, and three years as manager of a firm of real estate economic consultants with affiliations in U. S. A. One of his many professional studies was particularly concerned with the land use projections for Sydney's central business district and detailed financial feasibility studies in support of a \$20, 000, 000 redevelopment project. He has recently completed a thesis on "Private Enterprise and Urban Redevelopment".

RICHARD YOUNG, ASTC (Arch), ARAIA, Registered Architect (NSW). Mr. Young is a Partner in Clarke, Gazzard and Partners. Mr. Young's 17 years' architectural experience includes nine years in Sydney, where he worked on industrial and high rise commercial projects, and six years overseas. During this time he designed and supervised the construction of factories for Toronto Industrial Leaseholds, Inc; was project architect for a 100-bed hospital; and, as Senior Assistant Architect in a Montreal firm, assisted with a number of major shopping centre and apartment developments. He also spent several months in Rome supervising the preparatory work on an \$8 million apartment project. Before leaving Australia, Mr. Young received awards in one international and one local architectural competition. He returned to Australia to join Clarke, Gazzard and Partners in 1964.

BRUCE HYLAND, ASTC (Hons), Dip TCP (Syd), Master of Regional Planning (Cornell University), ARAIA, MAPI, Registered Architect (NSW) and Certificated Town and Country Planner (NSW). Mr. Hyland is an Associate of Clarke, Gazzard and Partners. Mr. Hyland has had three years' experience as a Town and Country Planner with the N. S. W. Local Government Department and State Planning Authority. He has spent three years in North America where he worked on urban renewal and general planning projects throughout the north-eastern part of the United States, and as Director of Development Projects with the Toronto City Council. He returned to the State Planning Authority in a similar position. He is in charge of the Statutory Planning activities of Clarke, Gazzard and Partners.

ANTHONY D. WINTER, B. A. Hons (Syd), Economic Geographer. Mr. Winter is Research Director, URBSEARCH, and is an Associate of Clarke, Gazzard and Partners. Upon graduation, he was appointed to the staff of the Geography Department at Newcastle University College, University of N. S. W. Since joining URBSEARCH in July 1963, he has participated in regional, retail and industrial development research projects throughout Australia. Mr. Winter has conducted a major study of future urban growth in the Melbourne region, and co-ordinated studies for an airport-oriented industrial park. His major specialisation is in retailing, and he has participated in shopping centre site evaluation and store location studies in all major cities. He is currently preparing a thesis on retail trade areas in the Sydney region.

VIVIAN FRASER, ASTC (Arch), ARAIA, Registered Architect (NSW) is an Associate of Clarke, Gazzard and Partners. Before joining the firm in 1965, Mr. Fraser was engaged in private practice for four years in Newcastle (NSW), gaining experience in design and control of low and medium density housing, commercial and school building. Mr. Fraser was a major award winner in a low cost house design competition held in NSW in 1964.

ROBERT A. SIMMONS, ARIBA, ARAIA, Registered Architect (NSW) is an Associate of Clarke, Gazzard and Partners. Mr. Simmons' 12 years' architectural experience has included the design and construction of low cost housing, industrial and civic buildings in England and community and shopping facilities in Australia.

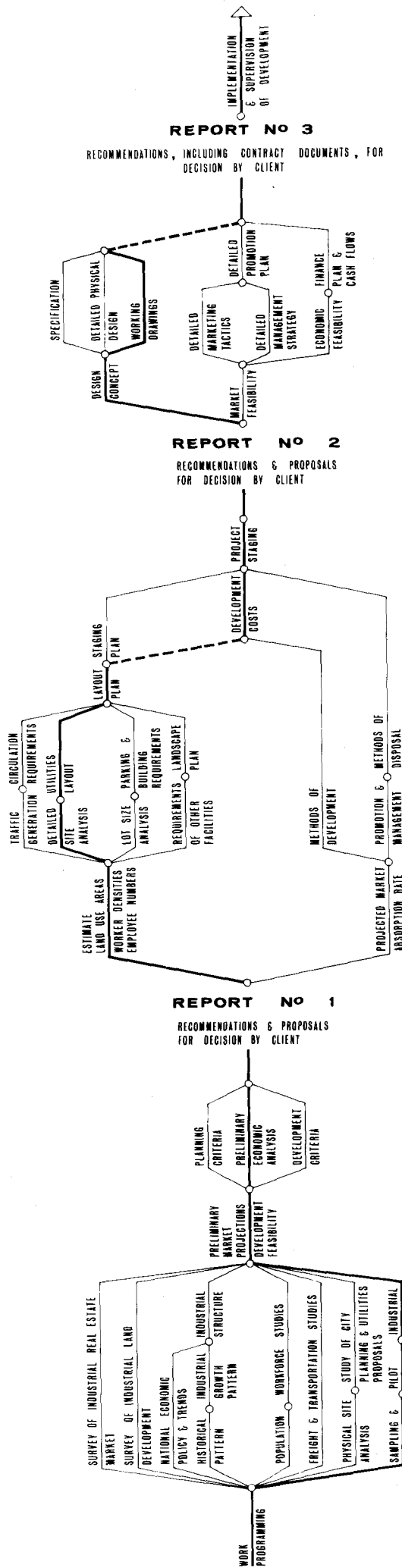
ELIZABETH J. THOMSON, BA, Dip TCP (Syd), Economic Geographer and Research Associate, URBSEARCH. Miss Thomson's experience includes work as a geologist with the N. S. W. Joint Coal Board, social survey work with the University of Western Australia and 2½ years with the Cumberland County Council and the State Planning Authority of NSW. While with the Council, she examined standards for open space provisions, conducted a regional survey of N. S. W. country towns, and assisted on a major journey-to-work survey. Since joining URBSEARCH, she has been engaged in industrial and retail research.

ERIC M. ANDERSON, B Eng (McGill), P Eng (Quebec), AMEIC, and Research Associate, URBSEARCH. Mr. Anderson is a civil engineer who has worked on New Town development in North East Canada and been employed with various consulting engineers and surveyors in Canada and the U. K. He is currently completing a thesis, for the degree of Master in Town and Country Planning, based on comparative case studies of public utility and roading costs in housing projects at varying densities.

DETAIL DESIGN AND DOCUMENTATION

PHYSICAL, FINANCIAL AND MANAGEMENT PLANNING

SURVEYS AND ANALYSIS



SIMPLIFIED CRITICAL PATH ANALYSIS  
OF TYPICAL INDUSTRIAL PARK STUDY



**BIBLIOGRAPHY OF PUBLICATIONS ON URBAN RESEARCH,  
PLANNING AND DESIGN**

**COMPREHENSIVE DEVELOPMENT STUDIES**

MELBOURNE METROPOLITAN REGIONAL STUDY.  
November, 1963, typescript, 80 pp, 19 maps, 7 figs, 29 tables.

THE DEVELOPMENT POTENTIAL OF LAND AT SYDENHAM,  
MELBOURNE REGION.  
September, 1963, typescript, 28 pp, 3 maps, 3 figs, 5 tables.

PRELIMINARY REPORT ON THE SKETCH PLANNING OF A NEW  
CITY DISTRICT AT SYDENHAM, MELBOURNE REGION.  
November, 1963, typescript, 11 pp, illus.

THE ECONOMIC BASIS OF COLEAMBALLY NEW TOWN.  
For the Murrumbidgee Shire Council, August, 1964, mimeo,  
14 pp, 3 figs, 4 tables.

MURRUMBIDGEE SHIRE PLANNING SCHEME AND DEVELOPMENT  
PLAN FOR COLEAMBALLY NEW TOWN.  
With Willing and Partners, Consulting Engineers.  
For the Murrumbidgee Shire Council, December, 1964, 95 pp,  
13 maps, 4 figs, 10 tables, 3 appendices.

THE REDEVELOPMENT OF ST. JAMES' GLEBE, EDGECLIFF,  
N. S. W.  
For the Church of England in Australia, Diocese of Sydney,  
Glebe Administration Board.

<u>Development Report No. I</u>	-	October, 1964
Definition of Objectives,		
Population Characteristics,		
Relocation of Existing Tenants.		
17 pp, 8 maps, 3 tables.		

<u>Development Report No. II</u>	-	November, 1964
Retail Development,		
Other Commercial and Community Development,		
Residential Development.		
pp. 18 - 15, 1 map, 6 tables, appendix.		

Development Report No. III - December, 1964  
Transport and Utility Services.  
pp. 52 - 61, 2 maps.

Development Report No. IV - February, 1965  
Planning and Design Concept,  
Financial Implications.  
pp. 62 - 66.

Objection to the Exhibited Draft City of Sydney Planning Scheme  
Re Road and Railway Provisions Affecting the St. James' Glebe,  
Edgecliff, including an alternative design plan for Traffic and  
Transportation. With Rankine and Hill, Consulting Engineers,  
April, 1965, 12 pp.

Cost Estimates for Stage One Redevelopment of Precinct B  
With Thompson and Wark, Quantity Surveyors and Rankine and  
Hill, Consulting Engineers, October, 1965, 25 pp.

Report on Stage One Redevelopment of Precinct B  
Including Report on Engineering Aspects (with Rankine and Hill)  
and Comprehensive Economic Analysis, 45 pp, and Cost  
Estimates - Scheme E (with Thompson and Wark), 19 pp;  
Economic Testing of Alternate Designs, 23 pp, appendices,  
February, 1966.

Report to Accompany Development Application to the Council  
of the City of Sydney  
For the Redevelopment of St. James' Glebe, Stage One, April,  
1966.

Report on Stage One - Precinct C,  
Economic Analyses, Schemes 3 and 4.  
September, 1966. 47pp, 6 drawings, 9 tables, 14 exhibits,  
2 appendices.

#### ROCKINGHAM NEW TOWN, PERTH REGION, WESTERN AUSTRALIA.

Development Feasibility Study - Preliminary Report - March,  
1965, mimeo, 46 pp, 7 graphs, tables.

Report No. 1 - June, 1965  
Comprehensive Study of Urbanisation  
in the Perth Region, with Particular  
Emphasis on the South West Sector.  
Analysis of Development Potential of  
a 3,000 Acre Site.  
65 pp, 14 maps, 7 figs, 19 tables.

- |   |       |                   |
|---|-------|-------------------|
| <u>Report No. 2</u>   | -     | July, 1965        |
| Master Planning.  |       |                   |
| 33 pp, 20 maps, illus.  |       |                   |
| <br><u>Report No. 3</u>                                       | <br>- | <br>January, 1966 |
| <br>Planning Residential Precinct One.                        |       |                   |
| 52 pp, 14 maps, 2 tables.                                     |       |                   |
| <br><u>Report No. 4</u>                                       | <br>- | <br>March, 1966   |
| <br>Town Centre.  |       |                   |
| 35 pp, 5 maps, 4 tables.                                      |       |                   |
| <br><u>Report No. 5</u>                                       | <br>- | <br>May, 1966     |
| <br>Economic Analysis - detailed Precinct One and Town Centre |       |                   |
| and assessment of ultimate profitability of complete New Town |       |                   |
| development.  |       |                   |
| 32 pp, 1 map, 7 graphs, 12 tables, 6 appendices.              |       |                   |
| <br><u>Report No. 6</u>                                       | <br>- | <br>June, 1966    |
| <br>Site Valuation, Rockingham New Town, W. A.                |       |                   |
| 65 pp, 8 maps, 1 table, 4 appendices.                         |       |                   |

EXPLORATORY REPORT ON DEVELOPMENT OF LAND AT  
QUEANBEYAN, N. S. W.  
September, 1965, typescript, 16 pp, 2 maps.

#### RETAIL AND COMMERCIAL DEVELOPMENT STUDIES

TOWN CENTRE DEVELOPMENT - GREEN VALLEY PROJECT.  
For The Housing Commission of New South Wales, September,  
1961, mimeo, 21 pp.

MARKET RESEARCH FOR A SHOPPING CENTRE AT TOOMBUL,  
BRISBANE. For the Westfield Development Corporation.  
November, 1961, mimeo, 32 pp, 5 maps.

MARKET RESEARCH FOR A SHOPPING CENTRE AT BANKSTOWN,  
SYDNEY. For Lend Lease Development Pty Ltd.  
May, 1962, typescript, 59 pp, 7 maps.

DICKSON DISTRICT COMMERCIAL CENTRE, CANBERRA, A. C. T.  
For The National Capital Development Commission, September,  
1962, typescript, 25 pp.

MARKET RESEARCH FOR A PROPOSED RETAIL DEVELOPMENT  
AT MELVILLE, PERTH, WESTERN AUSTRALIA.  
June, 1963, typescript, 33 pp, 7 maps, illus.

URBAN DESIGN AND DEVELOPMENT CONTROL OF THE  
PROPOSED ROOTY HILL COMMERCIAL CENTRE.

For the Blacktown Municipal Council, July, 1963, typescript,  
12 pp, appendix.

CURTIN SHOPPING CENTRE, CANBERRA, A. C. T.

For The National Capital Development Commission, February,  
1964, 14 pp, illus.

THE MARKET FEASIBILITY OF A PLANNED SHOPPING CENTRE  
AT BULLEEN, MELBOURNE.

July, 1964, 49 pp, 16 maps, 7 tables, appendix.

MARKET RESEARCH AND OVERALL DESIGN OF GREENBANK  
SHOPPING CENTRE, TWEED HEADS, N. S. W.

For The Tweed Shire Council, May, 1965, 32 pp, 4 maps, 6 figs,  
2 plans, appendix.

MARKET AND ECONOMIC FEASIBILITY STUDY FOR HOTEL  
INTERNATIONAL, SOUTH PERTH, W. A.

November, 1965, 36 pp, 3 maps, fig, 10 tables, 5 appendices.

TUART HILL SHOPPING CENTRE PROJECT, PERTH, W. A.

June, 1966, typescript, 22 pp, 9 maps, 6 tables.

SHOPPING CENTRE STUDY, ALBANY, W. A.

August, 1966, typescript, 12 pp, 6 maps, fig, 8 tables.

INDUSTRIAL DEVELOPMENT STUDIES

PILOT SURVEYS OF INDUSTRIAL LOCATION AND DEVELOPMENT,  
SYDNEY METROPOLITAN AREA.

January, 1962, 43 pp, illus.

QUEENSFIELD - THE BRISBANE INDUSTRIAL PARK AT WACOL.  
Studies in the Location and Growth of Manufacturing and Distribution  
Industries in Brisbane.

<u>Synopsis</u>	-	February, 1963, 27 pp, 4 figs.
<u>Report</u>	-	June, 1963, 123 pp, 7 maps, 5 graphs, 5 tables, appendices I - IV.
<u>Planning Standards</u>	-	10 pp, illus.
<u>Brochure</u>	-	10 pp, illus.

The Industrial Land Market, Brisbane, Queensland - August, 1963,  
mimeo, 50 pp, 5 maps.

MARKET RESEARCH FOR RENTAL FACTORIES, CANBERRA,  
1964.

For the National Capital Development Commission, September,  
1964, mimeo, 65 pp.

AIRPORT INDUSTRIAL PARK STUDY, MELBOURNE (TULLAMARINE)  
AIRPORT.

For the Commonwealth Department of Civil Aviation, Australia.

Report No. 1 - December, 1965  
Surveys and Analysis.  
78 pp, 12 maps, 5 figs, 15 tables, 4 appendices.

Report No. 2 - January, 1966  
Planning and Development.  
89 pp, 7 plans, 2 appendices.

#### RESIDENTIAL DEVELOPMENT STUDIES

THE RELOCATION OF HOUSES SUBJECT TO FLOODING BY  
EASTERN CREEK AT RIVERSTONE, N. S. W.

For the Blacktown Municipal Council, December, 1962, mimeo,  
31 pp, 6 maps, 4 plates.

PATIO HOUSING AT RIVERWOOD, SYDNEY.

For The Housing Commission of New South Wales, December,  
1963, 7 pp, 10 illus.

MEDIUM-DENSITY GROUPS OF FAMILY DWELLINGS FOR  
CANBERRA.

For The National Capital Development Commission, October,  
1964, 52 pp, 28 illus.

STANDARDS OF MEDIUM AND HIGH DENSITY RESIDENTIAL  
DEVELOPMENT.

For the Metropolitan Region Planning Authority, Perth, Western  
Australia, December, 1964, 60 pp, 6 figs, 7 tables.

REPORT ON THE PROPOSED RESIDENTIAL DEVELOPMENT  
CODES.

For the Metropolitan Region Planning Authority, Perth, Western  
Australia, October, 1965, 7 pp, 1 graph.

## TRAFFIC STUDIES

REPORT ON ANTICIPATED TRAFFIC VOLUMES AND MOVEMENTS.  
Bankstown Square Drive-in Shopping Centre, June, 1962, typescript,  
19 pp, 2 maps.

PLANNING OF HIGHWAY, MAIN ROAD AND ARTERIAL STREET  
SYSTEMS, CITY OF ORANGE AND SHIRE OF CANOBOLAS, N. S. W.  
For The Department of Main Roads, New South Wales, October,  
1963, 96 pp, 3 maps, 7 figs, appendix.

## STATUTORY PLANNING

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PLAN FOR COLEAMBALLY NEW TOWN, N. S. W.  
For the Murrumbidgee Shire Council, December, 1964, 95 pp,  
13 maps, 4 figs, 10 tables, 3 appendices.

CITY OF TAMWORTH PLANNING SCHEME, N. S. W.  
For the Tamworth City Council.

<u>Report No. 1</u>	-	September, 1965
Draft Interim Development Order, mimeo, 39 pp, 1 map, 2 tables, 2 schedules.		

<u>Report No. 2</u>	-	September, 1966
Residential 2 (b) Zone - Preliminary Development Plan, 16 pp, 2 tables.		

SHIRE OF ROCKINGHAM PLANNING SCHEME, W. A.  
For the Rockingham Shire Council.

<u>Report No. 1</u>	-	January, 1966
Location of Proposed Civic Centre, typescript, 9 pp, 2 tables, 2 graphs		

<u>Report No. 2</u>	-	June, 1966
Traffic and Transportation Plan, 33 pp, illus., appendix.		

<u>Report No. 3</u>	-	September, 1966.
Expressway/Railway Feasibility Study, typescript, 16 pp, appendix.		

## SPECIAL STUDIES

DISTRICT CENTRE STUDY, PARRAMATTA, N. S. W. : LAND USE SURVEY.

For The Cumberland County Council, November, 1962, typescript, 26 pp, circa 500 survey data sheets.

REPORT ON FORESHORE RESTORATION PROPOSAL, LAKE MUNMORAH, N. S. W., SPECIAL (MINING) LEASE APPLICATION. November, 1965, 25 pp, 5 maps.

## PAPERS, THESES AND BOOKS

Clarke, George: "RECENT U. S. EXPERIENCE IN URBAN RENEWAL AND ITS RELEVANCE TO AUSTRALIAN OPPORTUNITIES FOR COMPREHENSIVE CITY-BUILDING". Paper delivered to the Sydney Division of the Australian Planning Institute, February, 1960, mimeo, 12 pp. Published in Australian Planning Institute Journal, Vol 1, June, 1960, pp. 17 - 20, and September, 1960, pp. 31 - 37.

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The Australian Quarterly, December, 1960, pp. 27 - 38.

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Australian Planning Institute Journal, Vol. 2, No. 1, March, 1962, pp. 17 - 20.

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Clarke, George: "THE ORGANISATION OF URBAN RENEWAL". Paper delivered at the Thirty Sixth Congress of A. N. Z. A. A. S., Sydney, August, 1962. Published in Architecture in Australia, December, 1962, pp. 96 - 98.

Clarke, George and Heath, Tom: "CANBERRA OBSERVED".  
Published in Art and Australia, November, 1963, pp. 176 - 185.

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The Bulletin, April 4, 1964, pp. 13 - 16.

Clarke, George: "THE AUSTRALIAN CITY - PAST AND FUTURE".  
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Architecture in Australia, June, 1964, pp. 120 - 127.

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Vestes, December, 1964, pp. 308 - 313.

Gazzard, Donald: Ed. AUSTRALIAN OUTRAGE  
The Decay of a Visual Environment. A study by the R. A. I. A., May, 1966. Ure Smith, Sydney, 128 pp, illus. \$2.50.

Yeomans, Peter: "SHOPS AND SHOPPING CENTRES".  
Paper delivered to the Golden Jubilee Convention of the Real Estate Institute of N. S. W., Sydney, October, 1960. Published in Real Estate Journal, Vol. 10, No. 9, New Series, December, 1960, pp. 454 - 461.

Yeomans, Peter: "THE CHANGING LOCATION, SPACE AND OTHER REQUIREMENTS IN RETAILING".  
A paper delivered at the Thirty Seventh Congress of A. N. Z. A. A. S., Section H, Canberra, January, 1964, mimeo, 11 pp. Published in The Shire and Municipal Record, Vol. 56, March, 1964, pp. 1026 - 1033 and The Retail Trader, Vol. 45, No. 7, February, 1964, pp. 7 - 9 and No. 8, March, 1964, pp. 13 - 15.

Faithfull, W. G.: "ENVIRONMENTAL PLANNING".  
Paper to the Symposium on Changing Concepts of Human Habitation, Central Building Research Institute, Roorkee, India. December, 1965, 5 pp.



Faithfull, W. G. : "LOCAL GOVERNMENT AND PLANNING".  
Philippine Journal of Public Administration, April, 1966.

Faithfull, W. G. : "NOTES ON THE TECHNIQUE OF TECHNICAL ASSISTANCE".

Australian Planning Institute Journal, Vol 4, No. 3, July, 1966.  
pp. 65 - 67.

Faithfull, W. G. : "PLANNING AND PLANNING EDUCATION IN A DEVELOPING COUNTRY".

Paper delivered at the Ninth Australian Planning Institute Congress, Sydney, August, 1966 and published in Australian Planning Institute Journal, Vol 4, No. 4, October, 1966.

Harper, B. C. S. : "URBAN TRANSPORTATION: A REVIEW OF CURRENT UNITED STATES PLANNING TECHNIQUES".

Paper delivered to the Sydney Division of the Australian Planning Institute, February, 1961, and published as a Special Report, February, 1961, 8 pp.

Smith, George W. : "A STUDY OF INDUSTRIAL EMPLOYMENT FOR TOWN PLANNING PURPOSES".

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Australian Planning Institute Journal, Vol. 3, October, 1964,  
pp. 44 - 49.

Thomson, Elizabeth: "THE WORKFORCE INDEX - A TECHNIQUE FOR REGIONAL PLANNING".

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Whipple, R. T. M. : "PRIVATE ENTERPRISE AND URBAN REDEVELOPMENT".

Thesis accepted by the Australian Planning Institute for Admission to Corporate Membership, November, 1965, 110 pp, 19 figs, 16 tables, 2 appendices.

Whipple, R. T. M. : "STRUCTURAL ASPECTS OF THE HOUSING MARKET".

Paper presented to a Senior Discussion Group, Commonwealth Institute of Valuers, April, 1966.

Whipple, R. T. M. : "REGIONAL ENTITIES AND AUSTRALIAN ECONOMIC PLANNING".

Paper delivered at the Ninth Australian Planning Institute Congress, Sydney, August, 1966 and published in Australian Planning Institute Journal, Vol. 4, No. 4, October, 1966.

Winter, A. D. : "CHANGES IN PRODUCT DISTRIBUTION TECHNOLOGY AND ITS EFFECT ON INDUSTRIAL LOCATION AND PLANNING REQUIREMENTS".

Paper delivered at the Ninth Australian Planning Institute Congress, Sydney, August, 1966 and published in Australian Planning Institute Journal, Vol. 4, No. 4, October, 1966.

October, 1966.



## ARCHITECTURAL WORK COMPLETED TO 1966

		\$ Australian
New Clubhouse for Forbes Golf Club, Forbes, NSW (awarded the James F. Brett Prize for the creative use of plywood - long span box roof trusses)		160,000
Timber Pedestrian Bridge at Thredbo, NSW		12,000
4 Suburban Baby Health Centres for local Shire Councils at Hornsby, West Pennant Hills, Mona Vale and North Epping, NSW	total	60,000
Wentworth Memorial Church at Vacluse, NSW for the Church of England in Australia		70,000
Overall Architectural Design and Control Drawings for the following projects for the National Capital Development Commission, Canberra:		
Dickson District Shopping Centre		760,000
Curtin Neighbourhood Shopping Centre		350,000
Rental Factories, Fyshwick		475,000
8 Single Family Houses in Sydney (including the Herbert House which was awarded the first Wilkinson Award for Domestic Architecture in 1962 by the Royal Australian Institute of Architects)	total	94,000
Sturt Workshops and Ainsworth Guest Lodge, Mittagong NSW		12,000
Exhibition of Royal Australian Institute of Architects Members Works at the Blaxland Gallery, Sydney, 1964 (awarded second premium in the James F. Brett Prize for the creative use of plywood - plywood exhibition screens)		1,000
A group of 43 Patio Houses for the Housing Commission of NSW at Riverwood, NSW		260,000
Staff Quarters Building for the Commonwealth Banking Corporation at Mount Isa, Queensland		75,000
New Branch and rental premises for the Commonwealth Banking Corporation at Dickson District Centre, ACT		90,000

Detail design and contract documentation  
of the following projects for the NSW  
Department of Public Works:

Duval Residential College, University of New England, Armidale, NSW	560, 000
Earle Page Residential College at the University of New England	700, 000
Laundry and Boiler House at Rozelle, NSW	140, 000
Psychiatric Centre Ward Block at Darlinghurst, NSW	220, 000
Training Centre for Retarded Children at Parramatta, NSW	2, 850, 000
"Big Top" Shopping Centre at Hornsby, NSW for Development Finance Corporation	500, 000
Community Hall for Warringah Shire Council at Mona Vale, NSW	70, 000
Alterations and renovations to 10 Houses in Bellevue Hill, Vacluse, Rose Bay, Hunters Hill, Carlingford and Newcastle, NSW	74, 000
Ski units, indoor heated Swimming Pool and facilities at Thredbo, NSW for Civil and Civic Pty. Ltd. (documents completed, project abandoned)	310, 000
300 Car Parking Station, Bowling Centre and Shops at Liverpool, NSW for Project Development Corporation (documents completed, project abandoned)	600, 000
8 Town Houses at Double Bay, NSW for SLB Development Co. Ltd. (documents completed, project delayed)	90, 000

#### PROJECTS AND COMPETITIONS

Redevelopment Scheme for the Rocks Area  
Sydney for James Wallace Pty. Ltd.

Project for the Redevelopment of Circular  
Quay for the Sydney Cove Improvements  
Committee.

Development of 26 model houses at  
Colvercrest, SA, for Realty Development  
and Finance Co. - awarded second premium.

Great Hall, University of Queensland,  
Brisbane, Queensland.

# ARCHITECTURAL WORK IN PROGRESS NOVEMBER 1966

\$ Australian

New Branch for the Commonwealth Banking Corporation, Mount Isa, Queensland	160, 000
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Redevelopment of St. James' Glebe, Edgecliff, NSW for the Church of England	Stage One: 5, 000, 000
	( Total: 50, 000, 000)

Overall Architectural Design and Control Drawings for the following projects for the National Capital Development Commission, Canberra:

Belconnen Group Shopping Centre	750, 000
Woden District Industrial Centre	3, 250, 000
70 one family patio houses at Garran	600, 000

Gymnasium and Sports Centre at Ryde, NSW for Macquarie University	140, 000
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New Central Stores Building at Darlinghurst, NSW for the Commonwealth Banking Corporation	1, 100, 000
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Community Hall and Library at Belconnen, ACT for the National Capital Development Commission	60, 000
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Station homestead near Moree, NSW	40, 000
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Group of four small terraced houses for retired people, at Kurrajong, NSW	24, 000
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IN PROGRESS:	\$A11, 124, 000
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COMPLETED:	\$A 8, 357, 000
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TOTAL:	\$A19, 481, 000
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