

THE PARLIAMENT OF THE COMMONWEALTH OF

AUSTRALIA	DEPARTMENT OF THE SENATE
PAPER No.	423
DATE	6 MAR 1975
PRESENTED	
<i>J.R. Odgers</i>	
Clerk of the Senate	

JOINT COMMITTEE ON THE  
AUSTRALIAN CAPITAL TERRITORY

REPORT ON  
PROPOSALS FOR VARIATIONS OF  
THE PLAN OF LAY-OUT OF  
THE CITY OF CANBERRA AND ITS ENVIRONS

(FIFTY-SIXTH AND FIFTY-SEVENTH SERIES)

JOINT COMMITTEE ON THE AUSTRALIAN CAPITAL TERRITORY

1. The Committee was appointed for the life of the 29th Parliament by resolutions of the Senate and the House of Representatives in July 1974. It was first appointed by resolutions of both Houses of Parliament on 8 November 1956 and re-appointed in succeeding Parliaments.

2. The duties of the Committee are to -

- (a) examine and report on all proposals for modifications or variations of the plan of lay-out of the City of Canberra and its environs published in the Commonwealth of Australia Gazette on the nineteenth day of November 1925, as previously modified or varied, which are referred to the Committee by the Minister for the Capital Territory; and
- (b) examine and report on such other matters relating to the Australian Capital Territory as may be referred to the Committee -
  - (i) by the Minister for the Capital Territory; or
  - (ii) by resolution of either House of Parliament.

PERSONNEL OF THE COMMITTEE

Chairman : Senator B.R. Milliner  
Deputy Chairman : Senator the Hon. J.E. Marriott  
Senator D.M. Devitt  
Mr P.S. Fisher, M.P.  
Mr K.L. Fry, M.P.  
Mr J.W. Howard, M.P.  
Mr J.C. Kerin, M.P.  
Mr R.B. Whan, M.P.

RECOMMENDATION

The Committee considered the proposals as set out in this Report and recommends the implementation of these variations to the plan of lay-out of the City of Canberra, as gazetted in 1925.

The Committee draws the attention of the appropriate authority to the observations made in respect of Item Nos. 8, 13, 28, 29, 33 and 49.

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JOINT COMMITTEE ON THE AUSTRALIAN CAPITAL TERRITORY

Report on the Fifty-Sixth and Fifty-Seventh Series  
of Proposed Variations of the Plan of Lay-out  
of the City of Canberra

On 5 January 1975 the Minister for the Capital Territory, the Hon. G.M. Bryant, E.D., M.P., pursuant to paragraph 1(a) of the Resolution of Appointment of the Committee referred 50 items of proposals for variations of the plan of lay-out of the City of Canberra and its environs for examination and report by the Committee. These proposals which were assembled together and designated the 56th and 57th Series were considered at a meeting called for that purpose on 5 February 1975. At this meeting, officers of the National Capital Development Commission and the Department of the Capital Territory were present to explain the proposals to the Committee. The procedure adopted for considering these proposals has been varied following the revised arrangements outlined in an extract from a letter (shown at Appendix A, page 16) from the Minister for the Capital Territory to the Committee. The proposals were -

Item No.1 - Barton Highway (Incorporated in the 57th Series of Variations)

The proposal submitted involves the extension of the Plan to incorporate the Barton Highway from the Ginninderra Creek to the A.C.T./N.S.W. border just north of the village of Hall. This extension places an already existing road within the area of the Plan, in order to facilitate the development discussed in Item 3.

Item No.2 - Village of Hall (Incorporated in the 57th Series of Variations)

This Item formally incorporates the existing road pattern of the village of Hall in the Plan. Hall is presently located outside the boundaries of the Plan.

This Item, as does Item No.1 provides the necessary preliminary incorporation to the development proposed in Item No.3. The proposal does not, however, involve any development in the village itself. The proposals concerning the Hall area were the subject of objections. However, the National Capital Development Commission (N.C.D.C.) and the Department of the Capital Territory (D.C.T.) advised the Committee that the premise upon which these objections were made was mistaken and that the matter has been satisfactorily resolved.

Item No.3 - New Development of Residential  
Land in the Halls Creek Valley

(Incorporated in the 57th Series of Variations)

The Committee considered and approved the development of the first stage of this area which will assist in maintaining a continuity of supply of residential land to the north of Canberra, during the time between the completion of the new town of Belconnen and the commencement of the new town of Gungahlin. This area of 364 hectares is particularly suitable for rapid development as it is located close to existing trunk services (electricity, sewerage and water supply).

The N.C.D.C. consulted the residents of the village of Hall concerning the development proposal. The Committee notes with interest the measures taken which should maintain the rural atmosphere of the existing village. Also of interest to the Committee is the intention of the N.C.D.C. to develop certain residential areas within the development as "Preserved Environment Areas" in which the natural attributes are preserved as far as possible.

Item No.4 - Arterial Road (Kuringa Drive) from  
Kingsford-Smith Drive, Spence, to the  
Halls Creek Development

(Incorporated in the 57th Series of Variations)

The proposed road is to serve as a link between the development outlined in Item 3 and the northern areas of Belconnen and the town centre of Belconnen.

Item No.5 - Charnwood - Sections 98-110

(Incorporated in the 56th Series of Variations)

Proposed by this variation is an addition of roads in the suburb of Charnwood. Approximately 175 blocks for detached houses will be provided in an area west of Lhotsky Street. The proposed development pattern follows that of the remainder of the suburb which has been designed on the Radburn principle.

Item No.6 - Charnwood Section 96 and Flynn Sections 64 and 65

(Incorporated in the 57th Series of Variations)

An addition to the Plan of roads to allow development of two medium density housing areas is proposed by this variation. The sections to be developed lie to the north and east respectively of the Charnwood Group Centre. For the Charnwood area access courts will lead off Covington Crescent. Blackwell Street is to be extended east of Tillyard Drive, Flynn to provide access to that proposed development.

The N.C.D.C. advised the Committee that in respect of the development of Section 65 in Flynn the existing neighbouring detached housing will be separated from the proposed development by a substantial shelter belt of trees. Flats to be constructed will be restricted to three storeys.

Item No.7 - Latham Sections 80 and 90

(Incorporated in the 57th Series of Variations)

This addition to the Plan provides access by road to an area proposed for town house development. The area is to contain 110 sites for town houses. Some of the sites are to be serviced individually, and, although still released in groups of about eight sites, will allow sale to individuals.

A floodway, an electrical easement and steep terrain determined that there will be appreciable open space surrounding the development. Most of the open space will be between the proposed development and the existing detached housing development in Florey Drive.

Item No.8 - Melba - Section 60 (Incorporated in the 56th Series of Variations)

This proposal involves provision of access roads to a government medium density housing project of 420 units. The development is situated on a ridge immediately south of Conley Drive. The proposed roads are of a minor nature and merely provide vehicular access for residents and visitors.

The N.C.D.C. received "design and construct" proposals for government rental accommodation: it was anticipated that vehicular access to these sites would be on roads which could be deemed private roads and with this in mind a tender for phase one was accepted in November 1973.

This development is a demonstration project intended to encourage the use of new construction systems (in this case concrete slabs), with the attendant economies of cost and time, as well as stimulating public appreciation of a wider range of housing types and living styles in Canberra.

The Committee, however, notes that there are no shopping facilities planned in this development. The N.C.D.C. indicated it is looking seriously at this matter in later stages of construction. In a project of this size the Committee is of the opinion that a small shopping facility should be established within the development for the benefit of the tenants.

Item No.9 - Melba - Conley Drive and Copland Drive

(Incorporated in the 57th Series of Variations)

The proposal seeks to add to the Plan extensions eastward of Conley Drive, and southward of Copland Drive to the junction of Ginninderra Drive. The purpose of this variation is to provide a bus and car access for people living in northern areas of Belconnen and to allow access for traffic from the development described in Item 8.

Item No.10 - Evatt (South-West) Sections 79-87

(Incorporated in the 57th Series of Variations)

It is proposed by this Item to modify an already gazetted road plan. The N.C.D.C. advised the Committee that the modifications were caused by the need to move the site of



the Primary School south to avoid the floodway which passed through the original site, and the need to provide a Roman Catholic Parish Centre. It was originally planned to locate the Parish Centre elsewhere but that site is now to be developed as a college site.

Consequently these relocations have caused minor variations to the road plan serving the proposed adjacent residential sub-division.

Item No.11 - Lake Ginninderra - Belconnen District

(Incorporated in the 57th Series of Variations)

A procedural variation to the Plan is required to formally establish the boundaries of the lake. A previous gazettal of lake boundaries proved to be inadequate and this proposal corrects the situation. The boundary line has been set at the 571 metre (1875 ft) level.

Item No.12 - Belconnen (Town Centre)

(Incorporated in the 57th Series of Variations)

Access roads to a Church Centre, community facilities, squash courts, a gymnasium including swimming centre, take-away food services, a Y.M.C.A. development including sporting and possibly accommodation facilities, hotel/motel sites and the water police facility for Lake Ginninderra are proposed by this Item.

Each of the proposed variations will play a part in the development of the Town Centre which will ultimately provide facilities for the 120,000 residents of the Belconnen New Town.

Item No.13 - Belconnen Section 32

(Incorporated in the 56th Series of Variations)

The addition of an internal road pattern for a development of 300 flats and 100 town houses is sought in this variation in an area south of College Street and east of Benjamin Way. The development will provide totally 1,400 units when completed and will be bounded by College Street, Benjamin Way, Eastern Valley Way and Belconnen Way. It is intended that the completed development have its own community and shopping facilities, tennis courts and oval.

The Committee notes that the ends of the culs-de-sac will not be visible from their access points and therefore suggests that suitable warning signs be erected. This measure will ensure less traffic which will result in lessening of possible accidents involving either residents or their property.

Item No. 14 - Hawker Section 32

(Incorporated in the 56th Series of Variations)

A proposed addition to the Plan to provide an access road and parking facilities to the site for a proposed shop at the corner of Murranji and Tanumbirini Streets.

Item No. 15 - Cook, Sections 46 and 51

(Incorporated in the 56th Series of Variations)

A modification to an already gazetted road pattern is sought. The proposal seeks the deletion of two culs-de-sac in an area which is not suitable for public road access to residential blocks owing to the grades. The N.C.D.C. informed the Committee that access to these residential blocks would be by driveway rather than public road.

Item No. 16 - Bruce, Section 2 and 5

(Incorporated in the 57th Series of Variations)

This variation seeks addition to the Plan of roads to the east of Hayden Drive and the north of Belconnen Way. The proposal will provide roads giving access to allow development of institutional sites, sites for science-based industries and residential land. The proposed roads will also provide part of the access system to the national sports complex which is to be built in the north-eastern part of Bruce.

Item No. 17 - Kaleen Section 120

(Incorporated in the 56th Series of Variations)

Modifications to the Plan to allow a variation in the development of Kaleen local activity centre at the corner of Maribyrnong Road and Alberga Street are the subject

of this Item. The modifications will allow the development of a larger shopping facility than originally planned. Consequently there will be an improvement in retail facilities in the Kaleen area as a result of the proposed variations.

Item No.18 - Kaleen Section 44

(Incorporated in the 56th Series of Variations)

This Item seeks to vary the Plan and provide another shopping facility in Kaleen approximately one to one and a half kilometres from the centre described in the previous item. The proposed facility will be of a smaller size than that envisaged in the previous item.

Item No.19 - City Section 4

(Incorporated in the 57th Series of Variations)

The addition proposed by this variation is of a formal nature. The inclusion of Childers Street from the junction of Hutton Street to the intersection of Marcus Clarke and Rudd Streets formalises a situation which has existed for many years.

Item Nos.20, 21 and 22

(Incorporated in the 56th Series of Variations)

These proposed variations were withdrawn.

Item No.23 - Parkes North (Commonwealth Gardens)

(Incorporated in the 57th Series of Variations)

The proposed variation to the Plan provides for the addition of a further road within the area of Commonwealth Gardens. A loop system is intended within the area to the North-west of Regatta Point and south of the cathedral site. There will also be provision for future extension of parking facilities. This addition will allow tourists and local residents alike better access to one of Canberra's most attractive scenic areas.

Item No.24 - (Incorporated in the 57th Series of Variations)

This Item was also withdrawn.

Item No.25 - Fyshwick - the Causeway

(Incorporated in the 57th Series of Variations)

In 1972 the Causeway area was omitted in error from the Plan. This addition is intended to reinstate the road pattern to the Plan. An objection to this proposal was lodged with the D.C.T. The objections was, however, based on the belief that the reinclusion of the Causeway on the Plan would perpetuate its existence in its present form. This is not necessarily the case - the Committee's role is to oversee the plan of lay-out, not to determine planning priorities.

Item No.26 - Fyshwick

(Incorporated in the 57th Series of Variations)

The proposed additions to the Plan intended by this Item are the reinstatement to the Plan of Dairy Road, Kallaroo Road and Beltana Road. The deletion of these roads occurred in 1972, and as with the previous Item were omitted in error.

Item No.27 - Fyshwick, Section 32

(Incorporated in the 57th Series of Variations)

The addition to the Plan of an access road and court providing sites for commercial development is proposed by this Item. The development, off Townsville Street, will include cafe and restaurant facilities, a take-away food outlet, milk bar, T.A.B. and other service facilities including banks.

Item No.28 - Deakin Section 37

(Incorporated in the 57th Series of Variations)

Provision of access roads to this section which is to be developed as sites for secretariats of national institutions is sought in this Item. The addition to the Plan

provides for access roads in the area between Strickland Crescent, Kent Street and Denison Street, Deakin.

The Committee was concerned that the proposed development could result in additional traffic being generated during peak hours. This belief was confirmed by the N.C.D.C., but that any difficulties arising from the development could be the subject of traffic management measures. The Committee is prepared to agree to the proposed variation subject to the appropriate authority watching closely changes in traffic patterns when the development takes place and taking the appropriate traffic management measures to ensure that there is no undue pressure placed on roads surrounding the development.

An objection to this proposal claimed that the bodies establishing secretariats could rent floor space to tenants at a profit and that the proposed development involved an open area opposite existing housing. The Committee was informed that the intended development was a long standing one and that the area had been sign-posted accordingly. Also the proposed scale of development would preclude any profit-making rental arrangements.

Item No.29 - Phillin

(Incorporated in the 57th Series of Variations)

This modification proposed the deletion of a section of Yarra Glen, south of the Yarra Glen, Yamba Drive and Melrose Drive roundabout. The modification will effectively stop the extension of Yarra Glen southward to the new town of Tuggeranong. This will increase traffic flow on Tuggeranong Parkway and will create traffic problems at the Tuggeranong Parkway/Hindmarsh Drive intersection. To minimise the congestion which will arise, the Committee is of the opinion that the N.C.D.C. should facilitate construction of an overpass at this intersection as soon as it is practical to do so.

Item No.30 - Phillip - Section 12

(Incorporated in the 57th Series of Variations)

A small addition to the Plan to provide an access road and short-term parking for an occasional child-care centre. The site is located in the Woden Town Centre near the Phillip Health Centre and the Woden Shopping Centre.

Item No.31 - Weston Sections 75 to 80

(Incorporated in the 57th Series of Variations)

The additions proposed by this variation provide access to another proposed development of medium density housing. The area is located south of the Weston Creek group centre and north of Hindmarsh Drive. Although close to Hindmarsh Drive, the development will be screened from that road by landscaped mounding.

Item No.32 - Phillip Section 78 to 84

(Incorporated in the 56th Series of Variations)

Modification to the gazetted road reservation for Jewell Close and Sulman Close is proposed in this Item. The modification is of a minor nature and is intended to improve turn-around facilities for vehicles.

Item No.33 - Pearce, Section 26

(Incorporated in the 57th Series of Variations)

Deletion of a part of Collett Street is the subject of this proposed variation. Collett Street provides access to the Pearce School and conversion of the road into a cul-de-sac will provide both improved safety for school children and open space for a proposed adjoining town house development. The Committee is of the opinion that in order to avoid unnecessary traffic along this street a "no-through traffic" sign be erected at the access point.

Item No.34 - Kambah Section 401 Block 7

(Incorporated in the 56th Series of Variations)

An addition to the Plan of access to a planned local shopping facility is sought in this proposed variation.

The location of this site is to the west of a road currently identified as BFT, on the corner of a road identified as BFU.

Item No.35 - Kambah (group-centre sections 278 to 284)

(Incorporated in the 57th Series of Variations)

Access to parking areas off Drakeford Drive for the proposed group centre development is sought by this proposed variation. The group-centre is located in the southern part of Kambah and will serve Kambah and parts of Wanniasa. The centre will contain a supermarket, commercial, retail and community facilities and a service trades area. There will be a medium density housing development to the southwest of the centre.

Item No.36 - Kambah Section 468

(Incorporated in the 57th Series of Variations)

This Item also proposes an addition to the Plan to provide access to a proposed local shopping facility development. The facility is located in the eastern most part of Kambah, off Livingstone Avenue. Included in this development is a meeting area for local residents.

Item No.37 - Wanniasa Sections 203, 262 and 265

(Incorporated in the 57th Series of Variations)

The proposed addition to the Plan provides access to a site for a proposed medium density housing development. This area is in the proximity of a proposed intermediate retail/commercial centre.

Item No.38 - Arterial roads near Wanniasa

(Incorporated in the 56th Series of Variations)

Extensions to Drakeford and Erindale Drives are the additions proposed to the Plan by this Item. Both are major roads which will serve the Wanniasa area and will provide access to the Tuggeranong Town Centre.

Item No.39 - Tuggeranong Town Centre, Section 1 Blocks 1 to 6

(Incorporated in the 57th Series of Variations)

The addition to the Plan of roads providing access for stage one of the Tuggeranong town centre is the subject of this Item.

Phase one of the town centre development will provide sites for the first office complex. Access will also be provided to the town centre telephone exchange and a thermal station. The latter will provide the airconditioning and similar facilities to a number of buildings in the town centre avoiding the necessity for each to contain its own plant room.

Item No.40 - Tuggeranong (East Knoll)

(Incorporated in the 57th Series of Variations)

This Item is another seeking an addition to the Plan for access roads to a medium density housing development. The area is to the east of the Tuggeranong town centre. As with other similar proposals this development will be in proximity to retail and community facilities.

Item No.41 - Wanniasa Section 139 Block 37

(Incorporated in the 56th Series of Variations)

The proposed addition provides for cul-de-sac access to the local activity centre.

Item No.42 - Wanniasa Group Centre (Sections 123 to 135)

(Incorporated in the 57th Series of Variations)

Proposed by this variation are additions and modifications to the Plan of access roads to the proposed group centre located in the southern-most part of Wanniasa. Adjacent is a medium density housing development. In addition to the normal facilities contained within group centres, a junior college will be established near the centre. It is intended that some facilities of the college will be shared with the group centre.



Item No.43 - Tuggeranong Creek North 2 and 3

(Incorporated in the 57th Series of Variations)

The purpose of the proposed modification to the gazetted road layout is to provide better gradients and road junctions to assist public transport operations. The relocation of certain road junctions with Erindale Drive has made it necessary to adjust the road pattern in proximity to the arterial road.

Item No.44 - Farrer, Yamba Drive

(Incorporated in the 56th Series of Variations)

The addition to the Plan of an arterial road commencing at the southern end of Yamba Drive, Farrer, extending to northern Tuggeranong is proposed by this variation.

This proposed addition to the Plan provides for an arterial road reservation in the proximity of existing housing development in Hawksbury Crescent, Farrer. The Committee has been advised by the N.C D.C. that following representations from residents the Commission has located the road a minimum of 65 metres from existing housing and that this distance will increase to approximately 400 metres. Noise abatement measures are planned including landscaped mounding two metres high between the proposed road and the existing houses.

Item No.45 - Tuggeranong Creek North 1, Section 161

(Incorporated in the 57th Series of Variations)

An addition to the Plan to provide for access to a proposed local activity centre. The centre will contain both retail and community facilities.

Item No.46 - Tuggeranong Creek North 3A

(Incorporated in the 56th Series of Variations)

This Item adds to the Plan a new sub-division of 388 blocks located in a self-contained valley. The development

of this area will provide additional land for housing without the requirements of heavy expenditure, as existing trunk services are located nearby.

Item No.47 - Tuggeranong Creek North - Isabella Drive

(Incorporated in the 56th Series of Variations)

The subject of this proposed addition to the Plan is an arterial road to provide a main access way to the development mentioned in Item No.46.

Item No.48 and Item No.50 - Extension of the Monaro Highway

(Incorporated in the 57th Series of Variations)

These two Items formally incorporate within the area of the Plan the existing Monaro Highway to a point beyond the proposed junction with Wrights Drive. These variations will assist in providing access to proposed developments in the Tuggeranong area.

Item No.49 - Canberra City District Block 155

(Incorporated in the 56th Series of Variations)

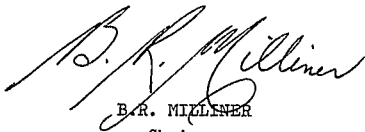
The addition to the Plan of an extension to the road reservation within the Jerrabomberra industrial area is proposed by this Item.

The area is ideally suited to development for heavy industrial purposes as railway access may be provided in the future. The Committee is, however, mindful of the problems of air pollution previously experienced from another industrial development nearby. This matter was in fact raised in an objection to this Item. The Committee therefore suggests that before any industrial undertakings begin operation the proposed Clean Air Ordinance be enacted to provide an appropriate and efficient means of regulating industrial emissions.

The desirability of the foregoing proposals was demonstrated to the Committee's satisfaction, and their implementation is now recommended.

The Committee does, however, draw to the attention of the appropriate authority the observations made in respect to Item Nos. 8, 13, 28, 29, 33 and 49.

February, 1975

A handwritten signature in cursive script, appearing to read "B.R. Milliner".

B.R. MILLINER

Chairman

Extract from letter, dated 18 September 1974, by the Minister for the Capital Territory to the Committee concerning the method of processing variations to the Statutory Plan of the City of Canberra.

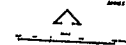
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... In the past the Committee has been presented with a series of proposed changes on behalf of the National Capital Development Commission and the Department of the Capital Territory. The Committee has examined these proposals and reported its findings to Parliament. The Department has then prepared for the signature of the Minister for the Capital Territory a Notice of Intention to Vary the City Plan and this Notice has been published in the Government Gazette. Twelve days are then allowed for objections to be lodged by the public before a formal notice of variation can be signed. This second notice, once signed, is laid before both Houses of Parliament for a further six sitting days during which time Notice of Disallowance may be moved.

Under the new scheme it is suggested that I sign the Notice of Intention to vary the City Plan before the matter is referred to the Committee. This notice will then serve as a primary document for the Committee's consideration. It would of course be supplemented by explanatory statements. At the time the notice would be published in the Gazette, the Department would advertise in the local papers that a Notice of Intention to Vary has been published in order to ensure that the public has every opportunity to consider the variations. During the Committee's hearing into the proposal any objections raised by the public could then be brought to the Committee's attention.

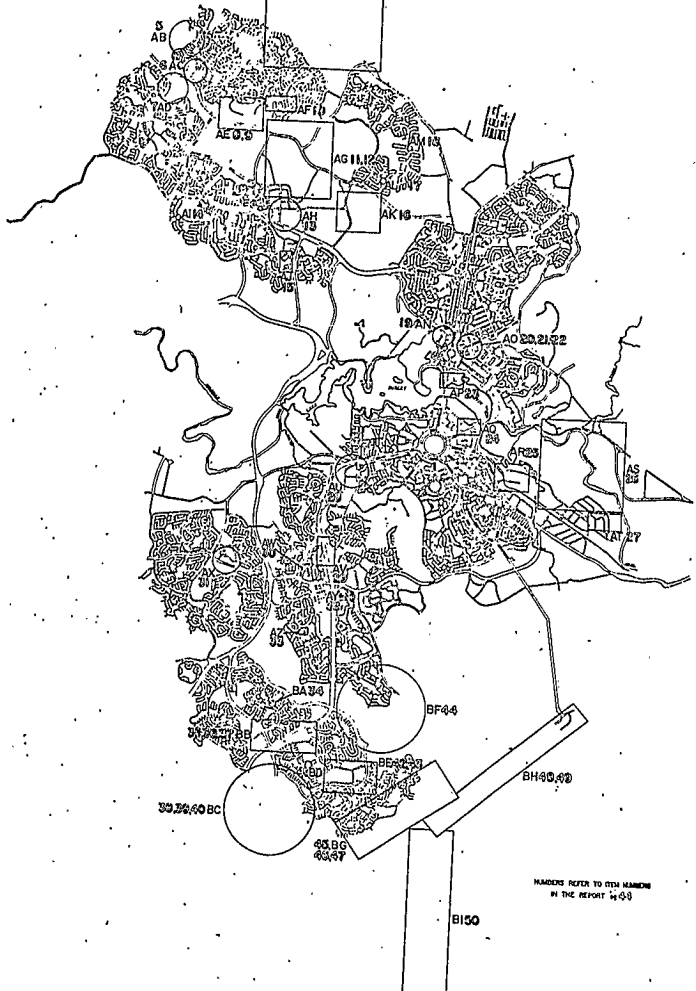
Once the Committee has reported to Parliament a formal notice of Variation could then be issued and be tabled before both Houses with a minimum of delay.

It is estimated that it should take approximately three months for a variation to be completed which compares more than favourably with the ten months or so which has been the case in the past. With the rapid expansion of Canberra it is anticipated that variations will become more frequent and more complex and any move to shorten the time involved would be a considerable administrative advantage . . .



These sheets are part of a series and are intended to be used in conjunction with the main map of the area shown on the cover of this report.

AA 12,3,6



READERS REFER TO ITEM NUMBERS IN THE REPORT 14-63

DIAGRAM AA 2  
ITEMS=1-2-3-4

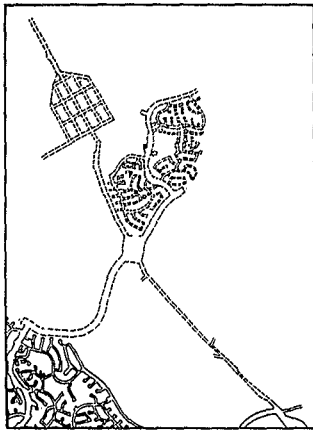


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ITEM - 5



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ANNEX 3

DIAGRAM AC 1



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DIAGRAM AC 2  
ITEM - 6



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DIAGRAM AD 2  
ITEM - 7



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DIAGRAM AE 2  
ITEMS - 8-9



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ANNEX 4

DIAGRAM AF1



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DIAGRAM AF2  
ITEM - 10



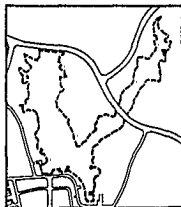
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ITEMS - 11-12



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ITEM - 13



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ANNEX 5

DIAGRAM A11



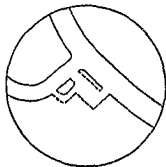
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ITEM 14

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ITEM 15



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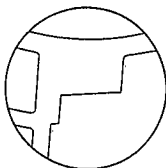
ANNEX 6

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ITEM 16



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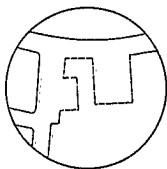
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ITEM 17



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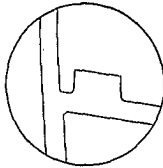
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ANNEX 7

DIAGRAM AM 1



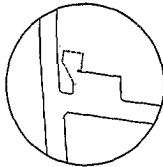
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ITEM ....18



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DIAGRAM AM 3



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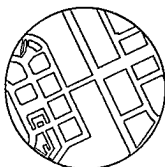
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ITEM ....19



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ANNEX 8

DIAGRAM AO 1



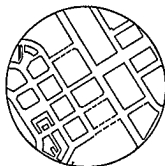
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DIAGRAM AO 2  
ITEMS ...20,21,22



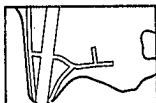
0 1000 METRES

DIAGRAM AO 3



0 500 METRES

DIAGRAM AP 1



0 500 METRES

DIAGRAM AP 2  
ITEM ...23



0 1000 METRES

DIAGRAM AP 3



0 500 METRES

ANNEX 9

DIAGRAM AQ 1



0 800 METRES

DIAGRAM AQ 2  
ITEM 24



0 1000 METRES

DIAGRAM AQ 3



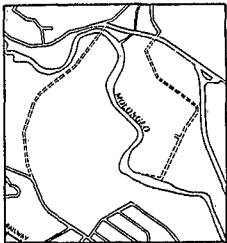
0 600 METRES

DIAGRAM AR 2  
ITEM 25



0 1000 METRES

DIAGRAM AS 2  
ITEM 26



0 1000 METRES

ANNEX 10

DIAGRAM AT 2  
ITEM...27



0 1000 METRES

DIAGRAM AU 2  
ITEM...28



0 1000 METRES

DIAGRAM AV 1



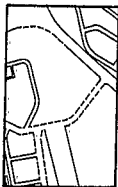
0 500 METRES

DIAGRAM AV 2  
ITEM...29



0 1000 METRES

DIAGRAM AV 3



0 500 METRES

ANNEX 11

DIAGRAM AW 2  
ITEM ---30



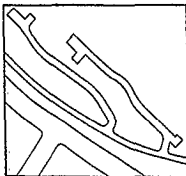
0 1000 METRES

DIAGRAM AX 2  
ITEM ---31



0 1000 METRES

DIAGRAM AY 1



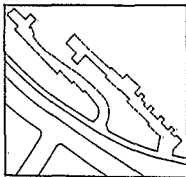
0 100 METRES

DIAGRAM AY 2  
ITEM ---32



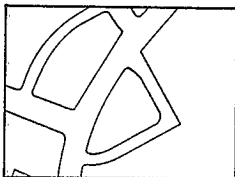
0 1000 METRES

DIAGRAM AY 3



0 100 METRES

DIAGRAM AZ 1

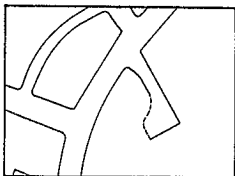


0 100 METRES

DIAGRAM AZ 2  
ITEM ---33

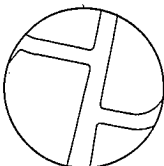
0 1000 METRES

DIAGRAM AZ 3



0 100 METRES

DIAGRAM BA 1

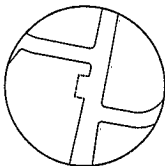


0 100 METRES

DIAGRAM BA 2  
ITEM ---34

0 1000 METRES

DIAGRAM BA 3



0 100 METRES



71

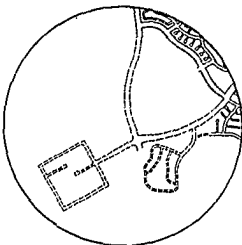
ANNEX 13

DIAGRAM BB 2  
ITEMS---35,36,37



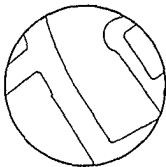
0 1000 METRES

DIAGRAM BC 2  
ITEMS---38,39,40



0 1000 METRES

DIAGRAM BD 1



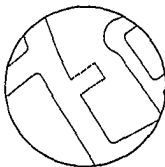
0 100 METRES

DIAGRAM BD 2  
ITEM---41



0 1000 METRES

DIAGRAM BD 3



0 100 METRES

L

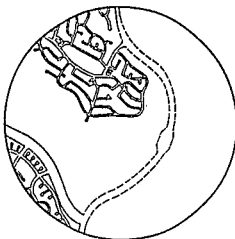
L

DIAGRAM BE 2  
ITEMS...42,43



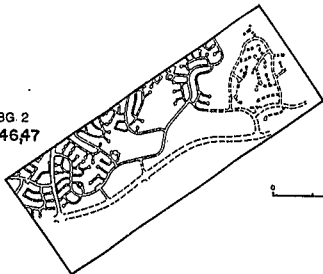
0 1000 METRES

DIAGRAM BF 2  
ITEM...44



0 1000 METRES

DIAGRAM BG 2  
ITEMS...45,46,47



0 1000 METRES

DIAGRAM BH 2  
ITEMS .....48,49

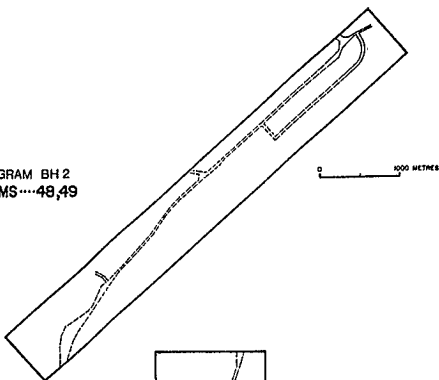


DIAGRAM BI 2  
ITEM ..... 50

