

DEPARTMENT OF THE SENATE
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Mary Evans



THE PARLIAMENT OF THE COMMONWEALTH OF AUSTRALIA

PARLIAMENTARY STANDING COMMITTEE ON PUBLIC WORKS

REPORT

relating to the

PROPOSED STAGE 2 DEVELOPMENT,
COMMONWEALTH GOVERNMENT CENTRE, TOWNSVILLE

(Twenty-second Report of 1989)

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**MEMBERS OF THE PARLIAMENTARY STANDING COMMITTEE
ON PUBLIC WORKS**

(Twenty-ninth Committee)

Mr Colin Hollis MP (Chairman)
Mr Percival Clarence Millar MP (Vice-Chairman)

Senate

Senator Bryant Robert Burns
Senator John Robert Devereux
Senator Dr Glenister Sheil

House of Representatives

Mr George Gear MP
Mr Robert George Halverson OBE MP
Mr John Graham Mountford MP
Mr William Leonard Taylor MP *

* Appointed on 29.9.88 following resignation of
Mr Maxwell Arthur Burr MP

Secretary: Mr Peter Roberts

**SECTIONAL COMMITTEE ON PROPOSED STAGE 2 DEVELOPMENT, COMMONWEALTH
GOVERNMENT CENTRE, TOWNSVILLE**

Mr Colin Hollis MP (Chairman)

Mr Percival Clarence Millar MP (Vice-Chairman)

Mr Robert George Halverson OBE MP

Inquiry Staff:

Mr Peter Roberts - Secretary

Mrs Helen Hutchins - Secretarial Support

Mrs Judith Jurek - Secretarial Support

EXTRACT FROM VOTES AND PROCEEDINGS OF
THE HOUSE OF REPRESENTATIVES

NO. 128 DATED THURSDAY 15 JUNE 1989

- 20 PUBLIC WORKS COMMITTEE - REFERENCE OF WORK - COMMONWEALTH GOVERNMENT CENTRE, TOWNSVILLE - STAGE 2 DEVELOPMENT:
Mr West (Minister for Administrative Services), pursuant to notice, moved - That, in accordance with the provisions of the Public Works Committee Act 1969, the following proposed work be referred to the Parliamentary Standing Committee on Public Works for consideration and report: Stage 2 development, Commonwealth Government Centre, Townsville.

Mr West presented plans in connection with the proposed work.

Debate ensued.

Question - put and passed.

PARLIAMENTARY STANDING COMMITTEE ON PUBLIC WORKS

STAGE TWO DEVELOPMENT, COMMONWEALTH GOVERNMENT CENTRE, TOWNSVILLE,

By resolution on 15 June 1989 the House of Representatives referred to the Parliamentary Standing Committee on Public Works for consideration and report the proposal for the stage two development of Commonwealth Government Centre, Townsville.

THE REFERENCE

1. This proposal is for the construction and fitout of a 12 storey office building of 12 600m² on Commonwealth-owned land on the corner of Stanley and Wills Streets in Townsville. The location is adjacent to the existing Commonwealth centre and will provide a readily identifiable focal point and enhance the service delivery of Commonwealth Government activities to the public in the administrative precinct of the City of Townsville.
2. The estimated cost of the proposal is \$31.5M at May 1989 prices.

THE COMMITTEE'S INVESTIGATION

3. The Committee received a written submission from the Department of Administrative Services (DAS) and took evidence from departmental representatives at a public hearing in Townsville on 8 August 1989.

4. The Committee also received written submissions and took evidence from the following organisations:

- . Administrative and Clerical Officers Association (ACOA)
- . Australian Taxation Office (ATO)
- . Mr P Caughley.
- . Federated Clerks Union (Taxation Office Branch) (FCU)
- . Northern Securities Management Limited (NSM)
- . Ralph Power Associates Pty Limited
- . Townsville City Council

5. A written submission was also received from Mr P J Wise and is incorporated in the transcript of evidence.

6. A list of witnesses who appeared at the public hearing is at Appendix A. The Committee's proceedings will be printed as Minutes of Evidence.

7. On 7 August 1989 the Committee inspected the proposed site at Townsville and existing accommodation occupied by ATO.

THE NEED

8. This proposal is to erect a specifically designed office building at Townsville to meet ATO office space requirements for servicing the North Queensland region. The Townsville ATO service boundary extends west to the Northern Territory border and south to Gladstone and includes some 300 000 taxpayers.

9. The ATO currently occupies a total of approximately 6 500m² of office space in Townsville spread over three separate buildings. Of this, 4 113m² or 63% is leased with leases expiring in 1992. As a result of the Government's approval of the ATO computer redevelopment and re-equipment program, the ATO in Townsville will require approximately 10 000m² of office

accommodation by 1992 when the bulk of the new equipment will be installed. ATO also requires in 1992 provision of a 2 500m² expansion buffer contiguous to its main requirement. The existing stage one of the Commonwealth offices completed in 1985 and comprising 8 600m² of office accommodation is fully utilised and departments are now required to lease premises to satisfy accommodation requirements.

10. DAS informed the Committee that the existing scattered mix of owned and leased accommodation occupied by the ATO in Townsville is not conducive to administrative efficiency. It believes that the provision of consolidated accommodation for the ATO in Townsville will greatly enhance administrative efficiency, eliminate present time consuming inter-building transfers of staff and files etc., and provide ATO with the desired level of staff and building security not readily available in leased premises.

11. Service to the public will also be improved as an increased number of government functions and services will be available within the recognised Commonwealth precinct.

12. DAS advised the Committee that it examined alternative methods of delivery such as leasing and instalment purchase but believes that this proposal represents the most cost effective means of satisfying the office accommodation requirements of the Commonwealth. Savings to the Commonwealth for equivalent lease space over a fifteen year period (at current prices) is estimated at \$21.2M. In addition, leased office accommodation often requires costly modifications to air-conditioning systems, lighting, electrical capacity etc. in order to meet modern office needs. This is particularly so with the increased use of screen-based equipment in Commonwealth offices. The building will be designed to have the capacity and flexibility to economically adapt to these changing needs.

13. In a submission to the Committee, Northern Securities Management Limited (NSM) the owner of NSM House which is presently occupied by the ATO, indicated that it could provide a development to satisfy ATO requirements at a cost of \$25M (including land cost and car-parking contributions). NSM compared this cost with the DAS estimated of \$31.5M (excluding land cost and car-parking contributions). It also compared its estimated completion date of January 1991 with the estimate of March 1992 for the DAS proposal.

14. In response DAS indicated that it found it difficult to make a true comparison of the two projects on the information provided by NSM. It believes that the ATO brief as developed provides for a better quality of accommodation to meet its specialised needs. DAS also pointed out that NSM House has inherent shortcomings which it believes are not capable of rectification.

15. DAS believes that the cost of the NSM proposal must be adjusted upward to include upgrading of the existing building for:

- . air-conditioning
- . lifts
- . security.

16. Allowance must also be made for the following items:

- . relocation of ATO staff for twelve months during construction
- . rent foregone by NSM during this period
- . fitout of completed building.

17. DAS also stated that the NSM proposal does not comply with the specific and detailed requirements of the ATO. It also indicated that the earlier completion date of the NSM proposal is irrelevant as DAS is meeting the program required by ATO and there is no benefit to be gained from an earlier completion.

18. DAS stressed that a decision to abandon the civil works proposal would require an alternative strategy involving the seeking of expressions of interest from the market place to sell or lease a building to the Commonwealth. This would require Government approval and involve competitive tenders. Proposals would be required to conform to the specific requirements of the brief.

19. Provision of a Commonwealth-owned building providing 12 600m² of office space will allow the ATO to be consolidated in one location. This will improve administrative efficiency and security of operations, allow for rationalisation of other Commonwealth tenancies, both within the stage one offices and various leased premises around Townsville, and effect significant reductions in the rent bill by relinquishment of approximately 6 500m² of leased accommodation in Townsville.

Committee's Conclusion

20. The Committee accepts the advice of the Department of Administrative Services that the construction of a Commonwealth-owned building is the most cost effective means of satisfying the Commonwealth's office accommodation requirements in Townsville. The Committee agrees that there is a need for the consolidation of the Australian Taxation Office in a new Commonwealth-owned building in Townsville to improve administrative efficiency and to replace existing unsatisfactory leased accommodation.

THE PROPOSAL

Planning

21. This building represents a significant addition to the Townsville skyline and as such has been designed in recognition of its civic design impact. This has been achieved by the use of forms compatible with stage one and introducing different treatments to the major elevations in order to reduce the apparent scale of the building as seen against the backdrop of Castle Hill. In response to suggestions that the proposed building is too large for the site, DAS indicated that the design does not fully exploit the site in terms of its potential for development and that an additional four floors were possible. DAS also pointed out that there are other high-rise buildings of a similar scale in the government precinct. Design studies will continue in an attempt to lessen the perceived impact of the building.

22. The building will provide a basement for plant and storage, ground floor (shopfront) for ATO public contact areas and a small sub tenancy, two floors of car-parks and 11 office floors with staff amenities, training/conference facilities and plant on the top floor and roof. Pedestrian access is from Stanley Street and the adjacent stage one building. A separate entrance for non-ATO tenants is also provided off Wills Street. Vehicle access is via ramps from Wills Street. A centrally located core containing air-conditioning plant, lifts, toilets, fire escape stairs and tea rooms will serve each of the office floors.

23. Initially the ATO will occupy eight of the ten office floors, the other two floors having been designed to permit separate occupancy until required for a planned 20% growth of ATO activity in Townsville.

24. The proposal is sponsored by and will be managed by the Department of Administrative Services's Australian Property Group (APG) and has been designed by its Australian Construction Services (ACS) organisation to satisfy the APG design brief and in accordance with requirements of the ATO. The design also meets relevant construction standards, codes of practice and Australian Standards.

Government Objectives

25. The proposal is in line with Government objectives of:

- . increasing the proportion of owned office accommodation
- . reducing overall rental costs
- . providing suitable accommodation for government departments to enhance their efficiency of operations and delivery of services to the public
- . planning and designing office buildings which allow for ready and economic adoption to inevitable changes in user requirements.

Accommodation

26. The basement will contain a loading dock, plant rooms and secure ATO storage areas of 600m². The ground floor will provide shopfront office accommodation of 500m² and will provide separate entrances for non-ATO tenancies. Two above ground secure undercover parking areas will provide parking for approximately 80 vehicles. A further 20 vehicles could be accommodated by conversion of basement storage areas. Additional space will be

available for motor bikes and bicycles. Staff shower and change room facilities will also be provided on these levels.

27. The upper floors will provide general office accommodation, associated staff amenities, training areas and plant rooms and provide 12 100m² of usable office space. In its submission the ACOA indicated that provision of floor space should be on the basis of 25m² per staff member. However, DAS informed the Committee that ATO has Government approval to provide accommodation based on an allocation of 20m² per person.

Car-parking

28. The Townsville City Council expressed concern at the likely impact of the development on car-parking demand in the area, and believes that the provision for parking is inadequate.

29. ATO has a requirement for 50 vehicle spaces for official vehicles. The design of the building, however, has allowed for the provision of two above ground under cover parking levels providing approximately 80 car-parking spaces and a further 20 vehicles could be accommodated by conversion of basement storage areas. DAS pointed out that the development will provide a nett increase of 48 car-parking spaces over that presently provided on the site.

30. As indicated in recent Committee reports the current policy on the provision of car-parking in Commonwealth buildings is being reviewed.

Disabled Access and Facilities

31. Access for disabled persons will be provided in accordance with the relevant codes. Lift control buttons will be provided at the appropriate height for wheelchair users. On the corner of Stanley and Wills Street level access will be provided to the

ground floor podium with ramp access from the podium to the stage one building.

32. Facilities for the disabled in line with the relevant standards will be incorporated in the design. Toilets for disabled staff will be provided within the service core at each of the office levels.

Staff Amenities

33. Staff amenities will conform to the provision of amenities in Commonwealth Government offices and will be consistent with the Taxation Accommodation Standards Manual. The proposal does not provide for childcare facilities and the Committee as indicated in other recent reports believes that the Government should review its policy of not providing such facilities in Commonwealth offices.

Public Amenities

34. Toilet facilities will be provided on the ground floor for client use adjacent to the public contact area.

THE SITE

35. The site is Commonwealth-owned with frontages to Wills and Stanley Streets and is rectangular in shape with an area of 2 037m². The land forms part of a larger parcel acquired from the Townsville City Council in 1979 to enable construction of stage one of the Commonwealth Offices. Future development of this site as offices was mooted at the time. The stage one offices were approved by the Public Works Committee in 1981.

36. DAS believes that the site is ideally situated as it is immediately adjacent to the existing stage one offices. It is presently used as an open car-park. Other organisations in the

administrative precinct of the central business district of Townsville are in close proximity to the site including State Government departments and authorities, Townsville City Council and the Townsville College of Technical and Further Education.

37. DAS advised the Committee that it did examine the option of constructing a building on a Council-owned site situated some distance from the chosen site, but still within the Government precinct. DAS saw no cost advantage in this proposal and in addition it would have split the Commonwealth presence over two sites. No other sites were considered.

Committee's Conclusion

38. The Committee believes that the vacant portion of the Commonwealth Centre site is suitable for the Stage Two Development of the Commonwealth Government Centre, Townsville.

Planning Authorities

39. Consultations have been held with the Townsville City Council which supports the proposal generally. However, as mentioned previously, it expressed some concern at the level of on-site car-parking to be provided. DAS advised that the Queensland State Government does not exercise a central planning role in respect of local government areas.

Environmental Aspects

40. The proposal was referred to the Department of Arts, Sport, Environment, Tourism and Territories (DASETT) to determine its compliance with provisions of the Environment Protection (Impact of Proposals) Act 1974. DASETT agreed with the DAS assessment that the preparation of a Notice of Intent was not required.

CONSTRUCTION

Materials and Finishes

External

41. The building envelope will consist of reinforced concrete with applied stone and aluminium facings where exposed and aluminium-framed glass curtain walls elsewhere. Passive sun protection by external aluminium sun blades will protect the curtain wall. The roof will be metal deck over a steel frame. The ground floor shopfront will be recessed full glass curtain walls set back on the podium to form an undercover entrance.

Internal

42. Internal walls will be painted plasterboard over the reinforced concrete frame and central core. Non load-bearing walls will be painted plasterboard over concrete block or steel stud framing.

Floor

43. Floors and lobbies will be carpeted in office areas. Non-slip ceramic tiles will be used in the wet areas and durable non-slip paving will be provided to the ground floor foyer and external areas.

Ceiling

44. Ceilings will comprise suspended acoustic tiles to office areas and painted plasterboard elsewhere.

Engineering

General

45. All services will be designed to provide for flexibility and growth to cater for tenant fitout requirements.

Energy Management

46. Energy management is a prime consideration and the building has been designed to minimise energy consumption with the use of external shading to all elevations. There are generous overhangs to the ground floor glass curtain walls and separate air-conditioning systems on each floor.

47. Solar energy systems have been evaluated and found to be uneconomic in this application for air-conditioning, but a solar-based hot water system, with electric boost for periods when solar is insufficient, will be included.

Structure

48. The building structure will consist of reinforced concrete columns and floors with reinforced concrete retaining walls at basement level. Floors will be designed for normal office loading of 5kPa with selected areas adjacent to the core capable of supporting compactus loads.

Mechanical

49. Air-conditioning will be provided to all office areas using separate air-handling plant for each floor and a central air-conditioning chiller plant on the upper levels. A separate 24 hour air-conditioning system will be provided for computer rooms.

50. The systems will be designed to meet the standards required in AS3666/1989 "Air-handling and Water Systems of Buildings - Microbial Control" and the more stringent Australian Construction Services technical instruction "Measures to Control Legionnaires Disease Hazards in Buildings".

51. Hot water will be supplied to all toilets, tea rooms and cleaners rooms. Exhaust systems will ventilate the basement, toilets, lift motor room and plant rooms. Stairwell pressurisation fans will be provided to both stairwells. Refrigerated drinking water units will be provided to all office floors.

Lifts

52. Vertical transportation will include the provision of five lifts, four with a carrying capacity of twenty persons and 1.5 tonne goods passenger lift. Two lifts (including goods lift) will service the basement. One passenger lift has been designed to provide a dedicated service to other than ATO tenancy areas in the short term. This will be easily converted to serve the entire building as ATO accommodation needs expand.

Electrical

53. Power will be supplied from a sub station in the adjacent stage one building. A main switchboard will be located at basement level with distribution switchboards on each level. Lighting throughout the building will be designed in accordance with AS1680 "Interior Lighting and Visual Environment".

54. The following power and communication systems will be provided:

- . general purpose power outlets.
- . special purpose power facilities

- . telephone block cabling
- . computer cable ducting
- . master antennae TV system
- . UPS system for computer installation.

55. The following emergency services will also be provided:

- . standby power generator
- . emergency evacuation lighting
- . emergency warning and inter-communication system
- . fire detection alarm system
- . lightning protection.

Fire Services

56. The building will incorporate a hydrant hosereel system designed in accordance with the requirements of the Fire Safety Act, the Building Act and the Building Code of Australia. An automatic wet pipe sprinkler system will be provided in accordance with AS2118. Portable fire extinguishers will also be provided.

Hydraulics

57. The hydraulic services will comprise the following:

- . water supply for domestic and fire services requirements
- . sanitary plumbing and drainage system
- . stormwater drainage system complying with the relevant authorities, codes and regulations

Security

58. Static and electronic perimeter security will be provided. Internal security details will be determined by client department requirements. Floor design and lift control options will allow

for discreet security of individual tenancies or floors. Provision will be made for the installation of an intruder alarm system in accordance with ATO requirements.

CONSULTATION

59. The following organisations were consulted during development of the proposal:

- . Australian Taxation Office
- . Department of the Arts, Sport, Environment, Tourism and Territories
- . Australian Survey and Land Information Group
- . Townsville City Council
- . Administrative and Clerical Officers Association
- . Federated Clerks Union - Taxation Officers Branch
- . Australian Council for Rehabilitation of the Disabled
- . North Queensland Electricity Board
- . Telecom Australia
- . Queensland Fire Service.

CONSTRUCTION PROGRAM

60. Subject to the necessary approvals it is proposed that the completion of the building including fitout will be achieved by March 1992.

LIMIT OF COST

61. The estimated cost of the proposed work is \$31.5M at May 1989 prices. The completed cost, including escalation, rise and fall, construction contingency, fees and professional charges, is estimated at \$41.5M.

Committee's Recommendation

62. The Committee recommends construction of the Stage Two Development, Commonwealth Government Centre, Townsville, at an estimated cost of \$31.5M at May 1989 prices.

CONCLUSIONS AND RECOMMENDATION

63. The conclusions and recommendation of the Committee are set out below with the paragraph in the report to which each refers:

- | | Paragraph |
|--|-----------|
| 1. The Committee accepts the advice of the Department of Administrative Services that the construction of a Commonwealth-owned building is the most cost effective means of satisfying the Commonwealth's office accommodation requirements in Townsville. | 20 |
| 2. The Committee agrees that there is a need for the consolidation of the Australian Taxation Office in a new Commonwealth-owned building in Townsville to improve administrative efficiency and to replace existing unsatisfactory leased accommodation. | 20 |
| 3. The Committee believes that the vacant portion of the Commonwealth Centre site is suitable for the Stage Two Development of the Commonwealth Government Centre, Townsville. | 37 |
| 4. The Committee recommends construction of the Stage Two Development, Commonwealth Government Centre, Townsville, at an estimated cost of \$31.5M at May 1989 prices. | 61 |


Colin Hollis
Chairman

21 November 1989.

LIST OF WITNESSES

- BUCKNALL, Ms Fiona, Queensland Organiser, Taxation Office Branch, Federated Clerks Union, 262 Adelaide Street, Brisbane, QLD
- CAUGHLEY, Mr Peter Tony, Member, Administrative and Clerical Officers Association, PO Box 1507, Townsville, QLD
- COOPER, Ms Rene Michele, North Queensland Organiser, Administrative and Clerical Officers Association, PO Box 1507, Townsville, QLD
- DANCE, Mr Phillip Alexander George, Town Planner, Townsville City Council, Walker Street, Townsville, QLD
- DERBYSHIRE, Mr David Leonard, Director, Ralph Power Associates Pty Ltd, Architects, 2nd Floor, MLC Building, 164 Stanley Street, Townsville, QLD
- DORE, Mr Paul Joseph, State Manager, Australian Property Group, Department of Administrative Services, Brisbane, QLD
- FERRY, Mr Richard Neville, Director, Ferry Property Management Pty Ltd, 77 Denham Street, Townsville, QLD
- MAHER, Mr Philip James, Leasing Consultant, Ferry Property Management Pty Ltd, 77 Denham Street, Townsville, QLD
- MARANTA, Mr Barry Dominic, Chief Executive, Northern Securities Management Limited, 16th Level, Northern Securities House, Corner Creek and Elizabeth Streets, Brisbane, QLD
- MITCHELL, Mr Vincent Thomas, First Assistant Commissioner, Corporate Services, Australian Taxation Office, Canberra, ACT
- PEEL, Mr William, Assistant General Manager, Estate Services, Australian Property Group, Department of Administrative Services, Canberra, ACT
- RICHARDS, Mr Rodney Arthur, Deputy State Manager, Australian Construction Services, Brisbane, QLD
- VALLANCE, Mr William Michael, Project Manager, Civil, Australian Construction Services, Brisbane, QLD

APPENDIX B

PROJECT DRAWINGS

Figure 1 - Locality Plan
Figure 2 - Site Plan
Figure 3 - Perspective

B2
B3
B4

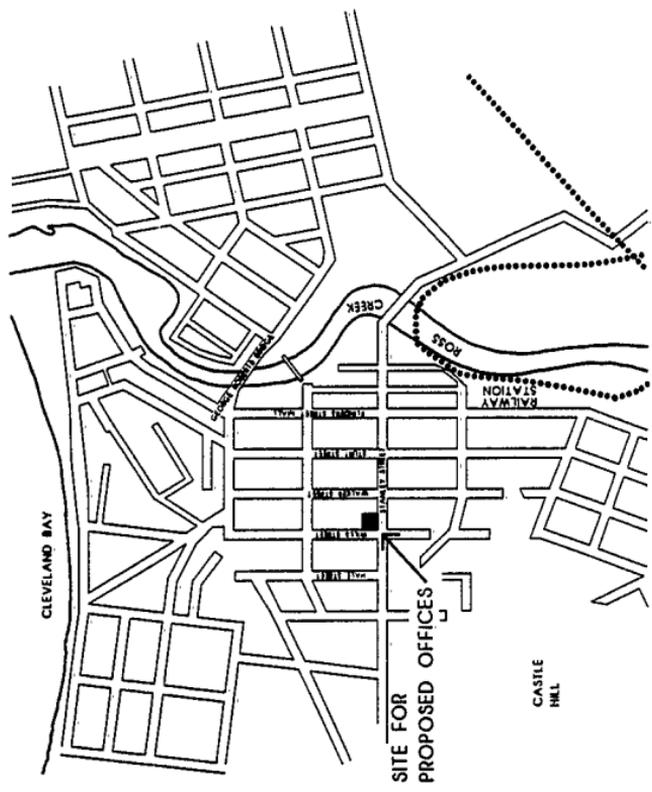
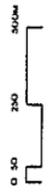
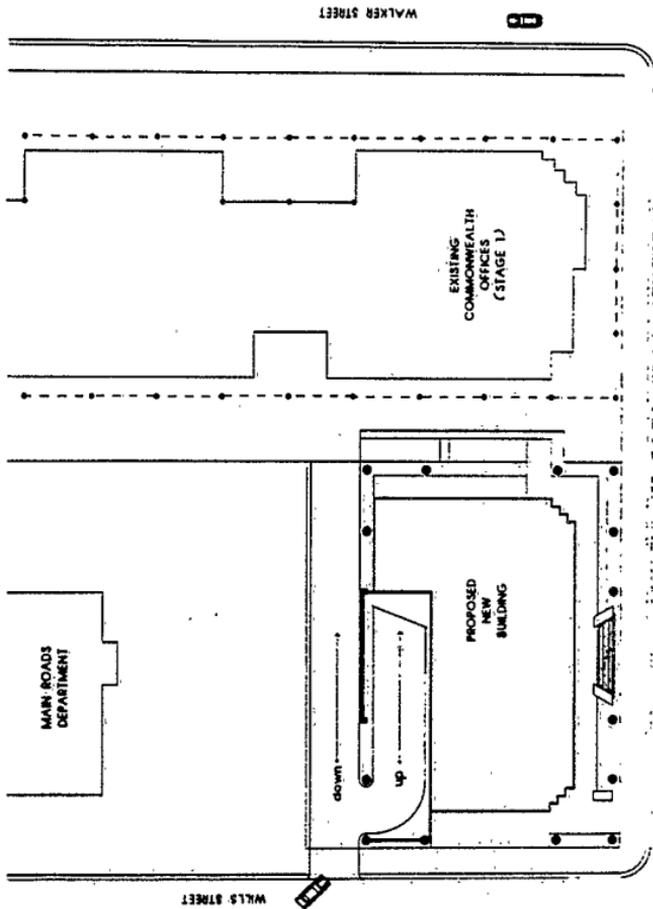


FIGURE 1 - LOCALITY PLAN

TOWNSVILLE
COMMONWEALTH
OFFICES
STAGE 2





TOWNSVILLE
COMMONWEALTH
OFFICES
STAGE 2

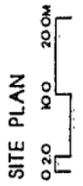


FIGURE 2 - SITE PLAN

STANLEY STREET



ALBANY, N.Y. (AP) —

THE SENATE

ROLL

27/11/89

SENATORS—

1. ALSTON	39. JENKINS
2. ARCHER	40. JONES
3. AULICH	41. KNOWLES
4. BAINE, Michael	42. LEWIS
5. BAINE, Peter	43. MACGIBBON
6. BRAHAM	44. McCAURAN
7. BISHOP	45. McPHERMAN
8. BJELLE-PETERSEN	46. MURPHY
9. BLACK	47. McNOLLAN
10. BOLKUS	48. MURPHY
11. BOSWELL	49. MACQUEEN
12. BROWNHILL	50. MESSNER
13. BURNS	51. MORRIS
14. BUTTON	52. MURPHY
15. CALVERT	53. PALISSA
16. CHANEY	54. DAHER
17. CHAPMAN	55. PATTERSON
18. CHILDS	56. POWERIL
19. COATES	57. PULLICK
20. COLLINS	58. RAY
21. COLSTON	59. REED
22. COOK	60. RYMONDS
23. COONEY	61. RICHARDSON
24. GOWLER	62. SANDERS
25. CRICHTON-BROWNE	63. OGGACHER
26. CROWLEY	64. SHILL
27. DEVEREUX	65. SHORT
28. DEVLIN	66. SIMON
29. DUFF	67. STONE
30. DURACK	68. TAMBLING
31. EVANS	69. TATE
32. FAYLOR	70. TENGUE
33. FOREMAN	71. VALENTINE
34. GILES	72. VALESTONE
35. HAINES	73. WALSH
36. HANCOCK	74. WALTERS
37. HARTSHORNE	75. WATSON
38. HILL	76. YANAROV

THE SENATE

ROLL

27/11/89

SENATORS--

- | | |
|--------------------------------|---------------------------|
| 1. ALSTON | 39. JENKINS |
| 2. ARCHER | 40. JONES |
| 3. AUSTICH | 41. KNOWLES |
| 4. BAME, Michael | 42. LEWIS |
| 5. BAME, Peter | 43. MACGIBBON |
| 6. BEAHAN | 44. MCGAURAN |
| 7. BISHOP | 45. McFERRAN |
| 8. BJELKE-PETERSEN | 46. McIBAN |
| 9. BLACK | 47. McMILLAN |
| 10. BOLKUS | 48. MACKLIN |
| 11. BOSWELL | 49. MASTRE |
| 12. BROWNHILL | 50. MEGGNER |
| 13. BURNS | 51. MORRIS |
| 14. BUTTON | 52. NEWMAN |
| 15. CALVERT | 53. PANIZZA |
| 16. CHANEY | 54. PATER |
| 17. CHAPMAN | 55. PATERSON |
| 18. CHILDS | 56. POWELL |
| 19. COATES | 57. PULLICK |
| 20. COLLINS | 58. RAY |
| 21. COLSTON | 59. REID |
| 22. COOK | 60. REYNOLDS |
| 23. COONEY | 61. RICHARDSON |
| 24. COULTER | 62. SANDERS |
| 25. GRICHTON-BROWNE | 63. SCHACHT |
| 26. CROWLEY | 64. SHEIL |
| 27. DEVEREUX | 65. SHORT |
| 28. DEVLIN | 66. SIERAA |
| 29. DUNN | 67. STONE |
| 30. DURACK | 68. TAMBLING |
| 31. EVANS | 69. TATE |
| 32. FAULNER | 70. TEAGUE |
| 33. FOREMAN | 71. VALENTINE |
| 34. GILKS | 72. VANSTONE |
| 35. HAINES | 73. WALSH* |
| 36. HAME | 74. WALTERS* |
| 37. HARRADINE | 75. WATSON |
| 38. HILL | 76. ZARAROV |

THE SENATE

ROLL

27/11/89

SENATORS-

- | | |
|--------------------------------|---------------------------|
| 1. TESTON | 39. JENKINS |
| 2. ANCHER | 40. JONES |
| 3. AULICH | 41. KNOWLES |
| 4. DARRE, Michael | 42. LEWIS |
| 5. BAUME, Peter | 43. MACGIBBON |
| 6. BRADY | 44. McGAHRAN |
| 7. BISHOP | 45. MCCARTAN |
| 8. BEJKE-PETERSEN | 46. McLEAN |
| 9. BLACK | 47. McMILLAN |
| 10. BOLKUS | 48. MAGLITT |
| 11. SCHEDEL | 49. MURPHY |
| 12. BROWNHILL | 50. MESSNER |
| 13. BURDS | 51. MORRIS |
| 14. BUTTON | 52. NEWMAN |
| 15. CALVERT | 53. PANISTA |
| 16. CHAMPT | 54. PATER |
| 17. CHAPMAN | 55. PERPSON |
| 18. CHIFFES | 56. POWELL |
| 19. COMBS | 57. PURLICK |
| 20. COLLINS | 58. RAY |
| 21. COLSTON | 59. REID |
| 22. COOK | 60. REYNOLDS |
| 23. COONEY | 61. RICHARDSON |
| 24. COULNER | 62. SANDERS |
| 25. CRIGHTON-BROWNE | 63. SCHACHT |
| 26. CROWLEY | 64. SHEEL |
| 27. DEVEREAUX | 65. SHORT |
| 28. DEVLIN | 66. SHERA |
| 29. DUNN | 67. STONE |
| 30. DURACK | 68. TAMBING |
| 31. EYERS | 69. TATE |
| 32. FALGNER | 70. TENGUE |
| 33. FOURMAN | 71. VALLENTINE |
| 34. OFFES | 72. VANSTONE |
| 35. HAINES | 73. WALSH × |
| 36. HAMER | 74. WALTERS |
| 37. HARRADINE | 75. WATSON |
| 38. HILL | 76. TAKIAROU |