## 9. REFERENCES

1. ASHURST, J. \& ASHURST, N. 1989. Practical Building Conservation: English heritage technical handbook, vol. 2, Brick, terracotta and earth. Aldershot: Gower Technical Press Ltd.
2. BADIRU, A. B. 1996. Project Management in Manufacturing and High Technology Operations. New York: John Wiley \& Sons.
3. BIDWELL, T. G. 1977. The conservation of brick buildings: the repair, alteration and restoration of old brickwork. London: The Brick Development Association.
4. BRUUN, M. 1980. Remarks on the Formulation of Technology Transfer. In Research, Development, and Technological Innovation: Recent Perspectives on Management. Edited by D. Sahal. 1980. Lexington: D. C. Heath and Company. p.203-214.
5. BUNELL, G. 1978. Built to last: a handbook on recycling old buildings. Washington: Preservation Press.
6. BURKE, M. P. \& DOWLING, M. 1987. Promoting High Technology: initiatives and policies for state governments. Edited by J. Schmandt and R. Wilson. 1987. London: Westview Press.
7. Burra Charter. 1999.
8. DEPARTMENT OF THE ENVIRONMENT. 1987. Re-using redundant buildings. London: Majesty's Stationery Office.
9. ELEY, P. \& WORTHINGTON, J. 1984. Industrial Rehabilitation. London: The Architectural Press.
10. ELS, C. J. J. 1989. Die ontluikende navrosings- en ontwikkelingsektor en die onwikkeling van wetenskapparke in Suid-Afrika. In Die Boubestuurder.
11. FLETCHER, B. 1975. A History of Architecture. London: The Athlone Press.
12. FRIEDMAN, M. 1994. A history of Africans in Pretoria with special reference to Marabastad: 1902-1923. Pretoria: University of South Africa.
13. GOWER, M. S. \& HARRIS, C. 1994. Science Park in the UK. In 'Property Management, vol. 12, no. 4. MCB University Press.
14. HESKETH, M. Helping small and medium business. In Can South Africa and Southern Africa become globally competitive economies? Edited by G. Maasdorp. 1996. Basingstoke: Macmillan. p.251-258.
15. HIGHFIELD, D. 1987. Rehabilitation and re-use of old buildings. London: E. \& F. N. Spon.
16. Human Development Index for the RSA. 1981 and 1991. Pretoria: Government Printer
17. ICOMOS. 1990. Guide to recording historic buildings. London: Butterworth Architecture.
18. INGRAHAM, I. E. 1956. In Buildings for Industry. 1957. F. W. Dodge Corporation. p.10-23.
19. JENKIN, D. \& WORTHINGTON, J. 1997. Making the recent past fit for the future. In Structure and style: conserving $20^{\text {th }}$ century buildings. Edited by M. Stratton. 1997. London: E \& FN SPON. p. 85-100.
20. JONES, E. 1985. Industrial architecture in Britain, 1750 to 1939. London: Batsford.
21. JOUBERT, OWENS, VAN NIEKERK \& PARTNERS: ARCHITECTS. 1973. Pretoria Government Garage: master plan. Pretoria.
22. KOMNINOS, N. 1993. Technocities and Strategic Development in Europe, Athens: Gutenberg.
23. KOMNINOS, N. 1998. The Innovative Region, The Regional Technology Plan of Central Macedonia. Athens: Gutenberg.
24. KOMNINOS, N., MERCIEV, D. and TOSI, A. 1996. Science Park of Technical University of Crete, Feasibility Study, Project PK 374, Final Report.
25. LAVAS, Y. 1986. $19^{g^{h}}-20^{\text {th }}$ Centuries: Brief history of architecture. Thessaloniki: University studio press.
26. LEACH, N. 1997. Rethinking Architecture: a reader in cultural theory. London: Routledge.
27. LE ROUX, S. 1991. Marabastad: of die Asiatiese bazaar: geboue en plekke van belang. Pretoria: City Council of Pretoria.
28. LE ROUX, S. 1993. Plekke en geboue van Pretoria. Pretoria: City Council of Pretoria. Vol. 3.
29. LEVY, B. 1996. South Africa: the business environment for industrial small and medium enterprises. Washington: World Bank, Southern Africa Department.
30. LION, E. 1982. Building Renovation and Recycling. Yew York: John Wiley \& Sons.
31. LONDON, M. 1981. Public participation in recycling Le Vieux Port De Montreal. In Conservation, rehabilitation, recyclage: congres international organise a Quebec du 28 au 31 mai 1980. Edited by J. Baker \& R. Cadinal. 1981. Quebec: Presses de I'Universite Laval. p.307-316.
32. LOWRY, R. 1980. Defining the fit between new uses and old buildings: a nine-step procedure for rehabilitation. In Conservation, rehabilitation, recyclage : congres international organise a Quebec du 28 au 31 mai 1980. Edited by J. Baker and R. Cadinal. 1981. Quebec: Presses de l'Universite Laval. p. 421-431.
33. MANSFIELD, E., ROMEO, A., SCHWARTZ, M., TEECE, D., WAGNER, S. \& BRACH, P. 1982. Technology Transfer, Productivity and Economic Policy. New York: W. W. Norton.
34. MARSH, P. 1983. The refurbishment of Commercial and Industrial buildings. New York: Construction Press.
35. MASSEY, D. \& WIELD, D. 1992. Evaluating Science Parks. In Science Park and Industrial Innovation in Britain. London.
36. MEYER, PIENAAR, TAYOB ARCHITECTS \& URBAN DESIGNERS. 1999. Integrated urban design framework for Marabastad, Pretoria. The City Planning and Development Department, City Council of Pretoria and the Pretoria Inner City Partnership.
37. MLLLER, N. 1988. What are property developers looking for from science parks? In Science parks as an opportunity for property and venture capital investment: the proceedings of the UK Science Park Association's Annual Conference held on $10^{\text {th }}$ February 1988 in association with Peat Marwick McLintock. Edited by H. Sunman. Vol. I, Property. Cardiff: UK Science Park Association. p.29-34.
38. NELSON, L. H. 1982. Foreword. In Respectful rehabilitation. Washington, D.C.: Preservation Press. p. 7.
39. PHILLIPS, A. 1993. The best in science, office and business park design. London: B T Batsford Ltd.
40. PINDER, A. \& A. 1990. Beazley's Design and Detail of the Space between Buildings. London: E. \& F. N. Spon.
41. Provincial Statistic. 1995. Pretoria: Government Printer.
42. RAYFIELD, J. K. 1994. The Office Interior Guide: An Introduction for Facilities Managers and Designers. New York: John Wiley \& Sons, Inc.
43. ROSSOUW, P. 1984. Greater Pretoria guides plan. Pretoria: Department of Constitutional Development and Planning.
44. ROWE, D. 1988. Achievement from Enterprise. In Science parks as an opportunity for property and venture capital investment: the proceedings of the UK Science Park Association's Annual Conference held on $10^{\text {th }}$ February 1988 in association with Peat Marwick McLintock. Edited by H. Sunman. Vol. I, Property. Cardiff: UK Science Park Association.
45. SALATA, A. 1984. Offices Today and Tomorrow. London: E \& F N Spon.
46. SETSHEDI, G. 1998. Fix Technology Park. Unpublished diploma thesis supervised by Prof. M. Chatzigogas. Thessaloniki: Aristotle University of Thessaloniki.
47. SETSHEDI, G. 1995. Small and medium sized technology companies and the role of science parks. Student Assignment. Supervised by Prof. N. Komninos. Thessaloniki. Aristotle University of Thessaloniki.
48. SHEPPARD, A. 1980. Rehabilitation and recycling- two case studies in Montreal. In Conservation, rehabilitation, recyclage : congres international organise a Quebec du 28 au 31 mai 1980. Edited by J. Baker \& R. Cadinal. 1981. Quebec: Presses de I'Universite Laval. p.601610.
49. SHOPSIN, W. C. 1986. Restoring old buildings for contemporary uses. New York: Whitney
50. SHINN, J. 1986. Cambridge Science Park. In Landscape Design. December 1986, vol. 164. no.150. p.32-34.
51. SMITH, J. E. 1980. From renovation and rehabilitation to retrofitting: recycling housing for the eighties. In Conservation, rehabilitation, recyclage: congres international organise a Quebec du 28 au 31 mai 1980. Edited by J. Baker \& R. Cadinal. 1981. Quebec: Presses de l'Universite Laval. p.133-142.
52. SMITH, J. S. 1980. A cultural aspect of rehabilitation: the use of structural histories. In Conservation, rehabilitation, recyclage: congres international organise a Quebec du 28 au 31 mai 1980. Edited by J. Baker \& R. Cadinal. 1981. Quebec: Presses de l'Universite Laval. p. 383-389.
53. SOUTHERN, P. 1988. What are science parks? Variation in the product. In Science parks as an opportunity for property and venture capital investment: the proceedings of the UK Science Park Association's Annual Conference held on $10^{\text {th }}$ February 1988 in association with Peat Marwick McLintock. Edited by H. Sunman. Vol. I, Property. Cardiff: UK Science Park Association. p.4955.
54. SUNMAN, H. 1988. Introduction. In Science parks as an opportunity for property and venture capital investment: the proceedings of the UK Science Park Association's Annual Conference held on $10^{\text {th }}$ February 1988 in association with Peat Marwick McLintock. Edited by H. Sunman. Vol. I, Property. Cardiff: UK Science Park Association. p. $\chi \chi$ - $\chi u$.
55. SAUERMANN, B. C. 1997. Promoting the development of small and medium-sized business. Thesis (M.Comm (Banking)). Pretoria: University of Pretoria.
56. The Development. 1987. Sophia Antipolis.
57. THERON, D. 1980. $19^{\text {th }}$ Century Port Elizabeth: A guide to restoration. Port Elizabeth: University of Port Elizabeth.
58. THRIP Annual Report. 1997. Joint Venture 97. Foundation for Research and Development.
59. TODD, K.W. 1985. Site, Space and Structure. New York: Van Nostrand Reinhold Company.
60. UK Science Park Association's Annual Conference, 1988. Science parks as an opportunity for property and venture capital investment: the proceedings of the UK Science Park Association's Annual Conference held on $10^{\text {th }}$ February 1988 in association with Peat Marwick McLintock. Edited by H. Sunman. Vol. I, Property. Cardiff: UK Science Park Association.
61. UNGER, M. 1996. Effective Investment and Competitiveness. In Can South Africa and Southern Africa become globally competitive economies? Edited by G. Maasdorp. 1996. Basingstoke. Macmillan. p.172-181.
62. University of Pretoria. 2000. Innovation corridor. In Tukkievaria. Vol. 17. No. 4
63. U.S. Department of the Interior. 1982. Respectful rehabilitation. Washington, D.C.: Preservation Press.
64. VAN DIERDONCK, R., DEBACKERE, K. \& RAPPA, M. 1991. An assessment of Science Parks: Towards a better understanding of their role in the diffusion of technological knowledge, R\&D Management, 21, 2.
65. VAN DIERDONCK, R. \& HUYSMAN, F. 1992. Science parks strategies for success: "Science parks, their evolution and their evaluation". Luxembourg: Rijksuniversiteit Gent. May $6^{\text {th }}$.
66. WHITESIDE, A. 1996. Health, Education and Productivity. In Can South Africa and Southern Africa become globally competitive economies? Edited by G. Maasdorp. 1996. Basingstoke. Macmillan. p.260-266.
67. ZEVI, B. 1978. The modern language of architecture. Seattle and London: University of Washington Press.
68. WEBSITES
69. http://www.big.izbm.de
70. http://mercury.techpath.gr
71. http://www.zernikegroup.com
72. http://www.etud.insa-tlse.fr
73. http://www.alpes-azur.com
74. http://www.alpes-azur.com
75. http://www.tofs.ac.za
76. http://www.techpath.gr
77. http://www.cambridge-science-park.com
78. http://www.sophia-antipolis.net



## HISTORIC DRAWINGS

The following is a list of drawings of the State Garage buildings that are available from the archives of the Department of Architecture, University of Pretoria:

- Building A: plan and elevations
- Trigonometrical Survey Department building (B): None
- Administration Building (C): plan
- Administration Building (D): plans, elevations and sections
- Parking Shed (E): plans, sections and elevations
- Workshops and Storerooms (K and L): None
- Parking area (south of the State Garage): site plan
- Building:
- Window schedule
- Finishes schedule

Only two sets of drawings of the Administration Building (D) and the Parking Shed (E) are attached in this document for further analysis for section 7 .

## List of drawings

## Administration Building (D):

- Drawing A: Ground floor plan

2 Drawing B: North-South and East-West sections and West elevation

## Parking shed (E):

- Drawing C: Ground floor plan
- Drawing D: South, east and north elevations





