HISTORIC HOSPITALS IN NATAL

by

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VOLUME II

Submitted in partial fulfilment of
the requirements for the degree of
Master of Architecture
in the
School of Architecture
University of Natal
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<td>PMB</td>
<td>Pietermaritzburg</td>
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<td>DBN</td>
<td>Durban</td>
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<td>dwg</td>
<td>drawing</td>
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<td>Arch</td>
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<td>History Museum</td>
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<td>Local History Museum, Durban</td>
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<td>City Engineer's Department</td>
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<td>N.P.A.</td>
<td>Natal Provincial Administration</td>
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<td>Works Branch Library</td>
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<td>42.</td>
<td>First Natal Government Hospital, Durban, c. 1876 (L.H.M. DBN.)</td>
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<td>43.</td>
<td>M. Dudgeon. Addington Hospital, c. 1885 (L.H.M. DBN.)</td>
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<td>44.</td>
<td>M. Dudgeon. Addington Hospital, c. 1884 (L.H.M. DBN.)</td>
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<td>M. Dudgeon. Addington Hospital in 1880's (L.H.M. DBN.)</td>
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<td>M. Dudgeon. Addington Hospital in 1880's (L.H.M. DBN.)</td>
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<td>Addington Hospital in 1890's (L.H.M. DBN.)</td>
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<td>W. Street-Wilson. Addington Hospital, additions, 1892 (L.H.M. DBN.)</td>
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<td>W. Street-Wilson. Addington Hospital, additions, 1892 (L.H.M. DBN.)</td>
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<td>50.</td>
<td>Aerial view of Addington Hospital, c. 1940 (L.H.M. DBN.)</td>
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<td>51.</td>
<td>Addington Hospital. Casualty, 1931 (L.H.M. DBN.)</td>
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<td>52.</td>
<td>A. Singletone. Natal Government Asylum, c. 1880 (N. Arch. PMB.)</td>
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<td>Natal Government Asylum, 1902 (N.M. PMB.)</td>
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<td>C. Bompas Natal Government Asylum. Alterations, 1902 (N.M. PMB.)</td>
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<td>Natal Government Asylum, 1902 (N.M. PMB.)</td>
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<td>Queen Victoria Hospital, Eshowe, c. 1913 (N. Arch. PMB.)</td>
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<td>64</td>
<td>Estcourt Sanatorium, c. 1920 (Aug. Arch.)</td>
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<td>The Convent in Estcourt (by Author)</td>
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<td>Estcourt Convent, c. 1895 (Aug. Arch.)</td>
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<td>Durban Sanatorium, c. 1914 (Aug. Arch.)</td>
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<td>Durban Sanatorium, c. 1940 (Aug. Arch.)</td>
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<td>Ladysmith Sanatorium, at present (by Author)</td>
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<td>Piettermaritzburg Sanatorium, 1912 (Aug. Arch.)</td>
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<td>Piettermaritzburg Sanatorium, c. 1915 (Aug. Arch.)</td>
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<td>Piettermaritzburg Sanatorium, c. 1915 (Aug. Arch.)</td>
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<td>Betania Mission Hospital, at present (by Author)</td>
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<td>89</td>
<td>Betania Mission Hospital, at present (by Author)</td>
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<td>St. Mary's Mission Hospital, Mariannhill, at present (by Author)</td>
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<td>St. Appolinaire's Mission Hospital, Centocow (by Author)</td>
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<td>St. Appolinaire's Mission Hospital, Centocow (by Author)</td>
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<td>Ceza Mission Hospital, c. 1930 (N.S.L. PMB.)</td>
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<td>Ceza Mission Hospital, c. 1930 (N.S.L. PMB.)</td>
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<td>Ceza Mission Hospital, c. 1940 (N.S.L. PMB.)</td>
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<td>First Zulu McCord Mission Hospital, c. 1910 (L.H.M. DBN.)</td>
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<td>Addington Children's Hospital, entrance (L.H.M. DBN.)</td>
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<td>J.C. Cleland. Addington Children's Hospital, 1931 (L.H.M. DBN.)</td>
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<td>Durban Sanatorium. Operating Theatre c. 1940 (Aug. Arch.)</td>
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<td>Durban Sanatorium, Operating Theatre c. 1940 (N. Arch. PMB.)</td>
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part 1

historical development
**FIG. 1. MOSBACH GUTLEUTHAUS.**
1. chapel, 2. house for poor, 3. leper house, 4. graveyard, 5. wall, 6. road.

**FIG. 2. CHICHESTER ST. MARY'S HOSPITAL.**
1. hall, 2. chapel, 3. demolished part.

**FIG. 3. GHENT BILOKE HOSPITAL.**
1. hospital hall, 2. chapel.

**FIG. 4. ST. GALL MONASTERY, GROUND PLAN.**

FIG. 6. CANTERBURY CHRIST CHURCH MONASTERY. 1. monastery chapel, 2. cloister, 3. Little cloister
FIG. 7. FOUNTAINS ABBEY MONASTERY. GROUND PLAN AND GENERAL VIEW. RECONSTRUCTION BY FLETCHER. 1. monastery chapel, 2. cloister, 3. monks infirmary, 4. room of the infirmarius, 5. chapel, 6. kitchen, 7. misericord, 8. lay monks infirmary, 9. guest houses. 
black= parts in preservation; hatched= destroyed buildings.
FIG. 8 HERSBRUCK SPITAL
GROUND PLAN
1. chapel 2. gallery in chapel,
3. hospital, 4. court, 5. town
gate and wall.

FIG. 9 GREAT ST. BERNARD HOSPICE, GROUND PLAN.

FIG. 10 EAST GRINSTEAD, SACKVILLE COLLEGE.
1. portal, 2. court, 3. chapel, 4. hall and kitchen, 5. Dorset
Lodgings, 6. dwellings, 7. fountain.

FIG. 11 ROTHENBURG, HEILIGGEIST-HOSPITAL.
GENERAL VIEW.
1. chapel, 2. old prebendaries' house.

FIG. 12 LEIDEN, FORMER PESTHOUSE - GROUND
PLAN.
1. bridge, 2. portal, 3. moat, 4. courtyard
5. wards.
FIG. 13 HOSPITAL IN TOLEDO SPAIN. 1. entrance, 2. courtyards, 3. chapel, 4. wards.

FIG. 14 PLYMOUTH ROYAL NAVAL HOSPITAL. GROUND PLAN. 1. courtyard, 2. chapel, 3. hospital building, 4. house for smallpox patients, 5. kitchen, 6. storeroom.

FIG. 15 SALZBURG ST-JOHANNES-SPITAL. GROUND PLAN. 1. entrance hall, 2. chapel, 3. eastern range, 4. western range, 5. outbuildings, 6. mulegger gate.
Fillippe Brunelleschi, Ospedale degli Innocenti, Florence, c. 1400.

2. Fillippe Brunelleschi, Ospedale degli Innocenti, Florence, c. 1400.

3. Johann Bernhard Fischer von Erlach, Johannes Hospital, Salzburg, 1682.
FIG. 16 FIRENZE. ST. MARIA NUOVA HOSPITAL.

FIG. 17 MILANO. OSPEDALE MAGGIORE. GROUND PLAN AND SECTION.
1. large court, 2. side courts, 3. chapel, 4. cruciform wards.
FIG. 18  SIR CHRISTOPHER WREN, GREENWICH HOSPITAL. FIRST SCHEME PLAN.
6. Secular Hospital, Munich, Germany, c.1650.
FIG. 19 WIEN ALLGEMEINES KRANKENHAUS - GENERAL HOSPITAL, GROUND PLAN ACCORDING TO DESIGN OF 18TH CENTURY: 1. portal with chapel, 2. large court, 3. ancillary courts.
FIG. 20  PARIS. PROJECT FOR REBUILDING OF HOTEL-DIEU BY POYET.
1. chapel, 2. court, 3. gallery, 4. large wards- 84 beds, 5. small wards- 12 beds, 
6. main stairs, 7. backstairs, 8. subsidiary rooms, 9. courts with lawns.
FIG. 21 PARIS. PROJECT FOR REBUILDING OF HOTEL-DIEU BY LE ROY.
1. Seine bank, 2. forecourt, 3. large court, 4. church courtyard, 5. church, 6. hospital pavilions, 7. pavilions for patients with contagious diseases, 8. surgical pavilions, 9. service buildings, 10. gardens,
FIG. 22 PENTONVILLE PRISON, LONDON, 1840-42.
The wings were lengthened and heightened by one storey in 1865-71.

FIG. 23 LUNATIC ASYLUM, FALLS ROAD, BELFAST, 1829.
7. Middlesex Hospital. Ward, c. 1400. (by Rowlandson and Pugin.)
122. Voluntary Hospital, London. Operating Theatre, 1837.

123. First X-ray Set, c. 1850.
FIG. 24  PLAN OF THE GROUND FLOOR OF THE ORIGINAL UNIVERSITY COLLEGE HOSPITAL.
FIG. 25 GROUND PLAN OF THE HERBERT HOSPITAL, WOOLWICH.

FIG. 26 ROYAL INFIRMARY, EDINBURGH.
by David Bryce, 1870-79.

FIG. 27 NEW WORKHOUSE, WINSON GREEN, BIRMINGHAM.
by J. J. Bateman, 1852.
FIG. 28 ALFRED WATERHOUSE, NEW UNIVERSITY COLLEGE HOSPITAL.

FIG. 29 UNIVERSITY COLLEGE AND OLD UNIVERSITY COLLEGE HOSPITAL.
An engraving by G. Scharf showing the gate across Gower Street.
16. Alfred Waterhouse. New University College Hospital, c. 1900.
17. University College Hospital, London. Operating Theatre, 1898
FIG. 30 ROYAL VICTORIA HOSPITAL, BELFAST, 1903, by Henman and Cooper.

FIG. 31 PLAN AT MAIN FLOOR LEVEL OF THE ROYAL VICTORIA HOSPITAL, BELFAST, 1903, by Henman and Cooper.
FIG. 32

FIG. 33 THE GARRISON HOSPITAL, STOCKHOLM. KARL KRISTOFFER GJORVELL.

FIG. 34 LARIBOISIERE HOSPITAL AT PARIS.
FIG. 35  MUNICIPAL HOSPITAL IN COPENHAGEN. GROUND PLAN, VIEW AND INTERNAL DETAIL.
FIG. 38 MUNICIPAL HOSPITAL, ZABRZE, POLAND. SIDE ELEVATION.
FIG. 39 ZABRZE MUNICIPAL HOSPITAL—POLAND. DETAIL OF ELEVATION.
MUNICIPAL HOSPITAL IN ZABRZE, POLAND, DETAIL OF ELEVATION.
FIG. 41  LIVERPOOL HOSPITAL, AUSTRALIA. PLAN AND SECTIONS.
FIG. 42  SILHOUETTES OF TYPICAL COLONIAL HOUSES, SHOWING THE CAREFUL BALANCE OF THE FACADE.

FIG. 43  THE OLD LUNATIC ASYLUM, GLADESVILLE.

designed by M. W. Lewis.
FIG. 44 LUNATIC ASYLUM, FALLS ROAD, BELFAST. 1829.

FIG. 45 BENEVOLENT ASYLUM, SYDNEY, AUSTRALIA.
Designed by Francis Lawless, 1820.
FIG. 46 RUM HOSPITAL, SYDNEY, AUSTRALIA. PLAN.
FIG. 48  RUM HOSPITAL- SYDNEY.
FIG. 49 RUM HOSPITAL, SYDNEY, AUSTRALIA.
FIG. 50  RUM HOSPITAL - SYDNEY.
FIG. 52  ST. MARTIN'S HOSPITAL, BRISBANE, AUSTRALIA.
FIG. 53 ST. MARTIN'S HOSPITAL, BRISBANE, AUSTRALIA.
FIG. 54 JAN VAN RIEBEECK HOSPITAL, CAPE TOWN, PLAN.

FIG. 55 OLD SOMERSET HOSPITAL, CAPE TOWN, PLAN.
Part of a larger map of the Table Bay settlement showing Van Riebeeck's Fort beside the Versse River (P) on the shore of Table Bay (Z), as well as a corner of the famous Company's garden (V). The hospital (H) lay outside in the hornwork of the Fort adjoining the plough and wagon maker's shop (I) and the smithy (K), and opposite the kitchen and bakery (L). Across the stream, which was diverted into the moat, were the houses (C) and gardens (W) of the Free Burghers, and behind the Fort lay the sheep and cattle pens (G).
FIG. 58 CAPE TOWN circa 1786 SHOWING HOSPITAL SITES.

FIG. 59 MENTZEL'S PLAN OF THE CAPE HOSPITAL, 1750.
FIG. 60 THE CAPE HOSPITAL, 1697.
18. Cape Town Hospital, c. 1750.
FIG. 61 THE NEW CAPE HOSPITAL, 1791.
A. Company's Hospital for 60 patients, B. Guard house, C. Barracks of De Meuron and Württemburg Regiments, D. Proposed main entrance of the barracks and New Hospital, used as kitchen for Württemburg Regiments, E. Apothecary's shop and quarters, F. Storehouse for stones from Robben Island, G. Parade ground.
FIG. 62 DESIGN FOR A PERMANENT HOSPITAL IN SIMON'S TOWN.

This drawing was attached to a report on possible sites for a hospital submitted by J.F. Kirsten and I. Pontie, Engineer, to the Governor Ryk Tulbagh and the Council of Policy, 10 December 1795.
FIG. 63 SIMONSTOWN HOSPITAL AS COMPLETED IN 1765.
This plan by Wm. Korsteman, Major, commanding the Royal Engineers, was probably made soon after the building was taken over by the British forces in 1795 and converted into a barracks for the troops of the garrison.
all the wards are put upstairs

FIG. 64  NEW SOMERSET HOSPITAL, CAPE TOWN.
FIG. 65  NATIVE HOSPITAL, KINGSWILLIAMSTOWN.
19. Military Hospital in Cape Town, c.1855.
21. New Sommerset Hospital, Cape Town in 1890's.
23. Kingwilliamstown Hospital in 1850's.
27. Kimberley Hospital c.1905.
FIG. 66  NEWTON ADAM'S MISSION STATION. (Africana Museum, Johannesburg).

FIG. 67  THE EMMAUS MISSION STATION. (Dr. Wangemann: Maleo und Sekukuni).
This Diagram LOT 120 represents 7 ac. 37 10½ p. of land, situate on a portion of the Town Lands of the City of Pietermaritzburg, Colony of Natal.

Bounded N.W. by Prince Alfred Street; N.E. by Dutch Burial Ground Road; and S. by Road.

Surveyed by Order of Corporation by me

14th July 1869.

[Signature: J. H. Maxwll]
[Note: Surveyor]
FIG. 71  GREY'S HOSPITAL. LAYOUT PROPOSED BY SIR. GEORGE GREY.
( Natal Archives ).
FIG. 72  GREY'S HOSPITAL, PLAN.

"GREY'S HOSPITAL
PIETERMARITZBURG"

FIG. 73  GREY'S HOSPITAL WITH KAFFIR WARD.
FIG. 74  GREY'S HOSPITAL ELEVATIONS:
1. WITH THATCHED ROOF.
2. IN 1880s AFTER TILING OF THE ROOF,
3. IN 1890s AFTER GABLE ADDITIONS.
29. Grey's Hospital in 1870s after tiling of the roof.
30. Grey's Hospital in 1880s.
FIG. 75 GREY'S HOSPITAL, PLAN, 1911.
FIG. 76  GREY'S HOSPITAL. SITE PLAN, 1915.
FIG. 77 GREY'S HOSPITAL AFTER ALTERATIONS AND ADDITIONS, 1915.
(plan of 1900, Hospital Services Archives).
FIG. 78 GREY'S HOSPITAL. NEW ISOLATION WARD, 1915.
FIG. 80  GREY’S HOSPITAL, WARDS “A” AND “B”, 1918.
FIG. 81 GREY'S HOSPITAL, WARDS "A" AND "B", 1918.
GREYS HOSPITAL, PIETERMARITZBURG.

FURTHER ALTERATIONS AND ADDITIONS INCLUDING PORTION OF CONTRACT C IN CONTRACT A

SCALE: 8:1

NOTE: FOR DETAILS OF WINDOW SEE DRAWING No. 6043/12

Fig.82 GREY'S HOSPITAL. ALTERATIONS, 1924.
35,36. Grey's Hospital in 1920s.
DURBAN CIRCA 1850

SCALE

0 400 800 1200 FEET

BAY OF NATAL
It was not till 1912 that the sand dunes were levelled on South Beach.
(Old House Museum, Durban.)

He took magic implements out of a magic box and cut out the trouble in the Chief’s knee.
Sketch by Daphne Strutt,(Old House Museum, Durban.).
FIG. 87

FIG. 88  DURBAN BAYSIDE HOSPITAL- FRONT ELEVATION.
Reconstruction by B. Kearney.
FIG. 93 P.M. DUDGEON, ADDINGTON HOSPITAL, SECTION.
FIG. 94  ADDINGTON HOSPITAL, DETAIL OF PORTICO.
FIG. 95 RM. DUDGEON. DETAILS OF VERANDA.
49. W. Street-Wilson. Addington Hospital additions, 1892.
FIG. 98  ADDINGTON HOSPITAL, NEW WARD, 1925.
FIG. 99 ADDINGTON HOSPITAL, NEW WARD, 1925.
FIG. 100 Pietermaritzburg Gaol, 1860.
The above diagram represents 27 ac. 3
ro. 8 pa. 13 6. Sq. ft. of land, being Lot 301 of
the Town Lands of Pietermaritzburg Colony of Natal.
Bounded E. by Lot 205 and on rear
and S. by Town Lands.

January, 1878.

[Signature]
[Surveyor's Hand]
FIG. 102 NATAL GOVERNMENT ASYLUM, SITE PLAN.
FIG. 103 NATAL GOVERNMENT ASYLUM, NON-REALISED PROPOSAL. (BY HIME).
FIG. 104 - NATAL GOVERNMENT ASYLUM. SITE PLAN PREPARED BY A. SINGLETON.
FIG. 105 NATAL GOVERNMENT ASYLUM, PROPOSED LAYOUT.
FIG. 106 ALFRED SINGLETONE. PLAN FOR NATAL GOVERNMENT ASYLUM, 1878.
FIG. 108  NATAL GOVERNMENT LUNATIC ASYLUM AFTER ALTERATIONS- VIEW.
Additional Buildings
Natal Government Asylum

FIG. 109 NATAL GOVERNMENT ASYLUM, NEW DINING HALL, 1896.
FIG. 110 NATAL GOVERNMENT ASYLUM - ENTRANCE.
FIG. 111 NATAL GOVERNMENT ASYLUM, INDIAN QUARTERS, 1902.
FIG. 112 NATAL GOVERNMENT ASYLUM, INDIAN QUARTERS, DINING HALL, 1902.
FIG. 114 NATAL GOVERNMENT ASYLUM. HOME FOR PRIVATE PATIENTS. GROUND FLOOR PLAN, 1910.
FIG 115 NATAL GOVERNMENT ASYLUM. HOME FOR PRIVATE PATIENTS.
FIRST FLOOR PLAN, 1910.
NATAL GOVT: ASYLUM, P.M. BVRG.

HOME FOR PRIVATE PATIENTS.

SCALE:
FIG. 117 NATAL GOVERNMENT ASYLUM, HOME FOR PRIVATE PATIENTS.

SECTIONS, 1910.
FIG. 118 NATAL GOVERNMENT ASYLUM. HOME FOR PRIVATE PATIENTS.
Back Elevation.

NATAL GOVT: ASYLUM, P.M. BURG.

Home for Private Patients.

3" Scale.

Fig. 119 Natal Government Asylum. Details of Elevations.
FIG. 120 NATAL GOVERNMENT ASYLUM. HOME FOR PRIVATE PATIENTS, ENTRANCE.
FIG. 121 MODEL DESIGN FOR NATAL GOVERNMENT COTTAGE HOSPITALS.
Dispensary
12 x 10

Attendants' Room
14 x 12

Kitchen
10 x 10

Porch, 8 ft.

Bathing, 5 x 4.4.9

Bedrooms
3 x 4.4.9

Porch, 8 ft.

Bathroom
8 x 4.4.9
FIG. 123 PLAN OF NEWCASTLE—c.1910.
FIG. 124 NEWCASTLE COTTAGE HOSPITAL, ORIGINAL PLAN.
FIG. 125 NEWCASTLE COTTAGE HOSPITAL, ORIGINAL PLANS.
FIG. 126 NEWCASTLE COTTAGE HOSPITAL, ADDITIONS 1904.
Ground plot. Cottage Hospital, Richmond

Road not yet formed.

Block.

FIG. 127 RICHMOND COTTAGE HOSPITAL - SITE PLAN
FIG. 128 RICHMOND COTTAGE HOSPITAL. PLAN OF VILLAGE AND HOSPITAL.
FIG. 129  DUNDEE COTTAGE HOSPITAL. ORIGINAL PLAN AND SECTION.
FIG. 130. DUNDEE COTTAGE HOSPITAL: ORIGINAL FRONT AND BACK ELEVATIONS.
FIG DUNDEE COTTAGE: HOSPITAL, ORIGINAL SIDE ELEVATION.

FIG. 131 DUNDEE COTTAGE HOSPITAL, PLAN AFTER ALTERATIONS AND ADDITIONS, AND ORIGINAL SIDE ELEVATION.
FIG. 132 IXOPO COTTAGE HOSPITAL: ORIGINAL PLAN, SECTION AND FRONT ELEVATION.
FIG. 133  BULWER COTTAGE HOSPITAL, 1904.
PLAN AND ELEVATIONS.
FIG. 134 UMFOLOZI COTTAGE HOSPITAL. PLAN AND SECTION.
FIG. 135 UMFOLOZI COTTAGE HOSPITAL, ELEVATIONS.
ALL BUILDINGS ARE SHOWN AS EXISTING IN JANUARY 1913

HOSPITAL = BLOCK

FIG. 136 QUEEN VICTORIA HOSPITAL IN ESHOWE. PLAN.
FIG. 139  QUEEN VICTORIA HOSPITAL, ESOWE. BACK ELEVATION OF HOSPITAL BLOCK.
60. Queen Victoria Hospital, Eshowe, c. 1913.
FIG. 141  NEWCASTLE COTTAGE HOSPITAL. LOCALITY AND PLAN IN 1909
REMAINDER OF GOVT. RESERVE.

SITE PLAN OF PORTION OF GOVT. RESERVE.
Scale 50' = 1".
FIG. 143 PLAN OF DUNDEE COTTAGE HOSPITAL AFTER ADDITIONS AND ALTERATIONS, 1909.
FIG. 144 NEWCASTLE COTTAGE HOSPITAL, ADDITIONS 1920s.
DURBEE: COTTAGE: HOSPITAL
NATAL PROVIDE
PROPOSED: LAY-OUT:

[Diagram of the proposed layout of the hospital, including various buildings and areas labeled such as Hospital, Reservoir, etc.]
FIG. 150 INDIAN POINT HOSPITAL. PLAN, SECTIONS AND ELEVATION.
Fig. 151  Indian Point Hospital, Additional Wards.
FIG. 152 INDIAN POINT HOSPITAL, NEW WARD, 1915.
FIG. 153 INDIAN HOSPITAL IN VERULAM.
PLAN AND FRONT ELEVATION.
FIG. 154 PLAN OF INDIAN HOSPITAL IN VERULAM, AFTER ADDITIONS.
FIG. 155 INDIAN HOSPITAL IN TONGAAT, PLAN.
G.156 ADDINGTON CHILDREN'S HOSPITAL. SITE PLAN AND GROUND FLOOR PLAN.
FIG. 157  ADDINGTON CHILDREN'S HOSPITAL. FIRST FLOOR PLAN.
FIG. 162  ADDINGTON CHILDREN'S HOSPITAL.
107. Addington Children's Hospital - entrance.
111. J. C. Cleland. Addington Children's Hospital, 1931.
FIG. 163   ESTCOURT SANATORIUM, VIEW.
FIG. 168  ESTCOURT SANATORIUM AFTER ALTERATIONS AND ADDITIONS, (1899-1900).  
SECTIONS.
61: Montsarac en Sene Sanatorium, France, 1837.
64,65. Estcourt Sanatorium, c.1920.
66, 67. The Convent in Estcourt.
70. Estcourt Convent, c. 1900.
MEYRICK BENNET PARK

LOT 3 BLOCK F OF TOWNLANDS NO 1737
RATE NUMBER: 144590

FIG.169 DURBAN SANATORIUM, PRESENT SITE PLAN.
FIG. 171 DURBAN SANATORIUM, FRONT ELEVATION.

FIG. 172 DURBAN SANATORIUM, VIEW.
71. Durban Sanatorium, 1894...
74. Durban Sanatorium, c.1920.
FIG. 175 DURBAN SANATORIUM, 1939.
ELEVATIONS.
FIG. 177 DURBAN SANATORIUM, 1939.
SECTIONS.
FIG. 178  DURBAN SANATORIUM - 1939.
SECTIONS.
75. Durban Sanatorium, 1940s.

76. Durban Sanatorium, 1940s.
78. DURBAN Sanatorium, c. 1940.
79. Durban Sanatorium, 1930.
FIG. 179 LADY SMITH SANATORIUM, 1896. PLAN AND FRONT ELEVATION.
80. Ladysmith Sanatorium, 1896.
FIG. 180 NEW LADYSMITH SANATORIUM. GROUND FLOOR PLAN, 1920.
FIG. 181a LADYSMITH SANATORIUM, SECTION, 1920.

FIG. 181 LADYSMITH SANATORIUM, FIRST FLOOR PLAN, 1920.
FIG. 182 NEW SANATORIUM IN LADYSMITH, ELEVATIONS, 1920.
FIG. 183 LADYSMITH SANATORIUM
SITE PLAN.

FIG. 184 LADYSMITH SANATORIUM, BACK ELEVATION, 1920.
82. Ladysmith Sanatorium at present.
83. Ladysmith Sanatorium, at present.
Proposed New Sanatorium

PIETERMARITZBURG
SANATORIUM, OCTOBER 18
FIG. 187 W. STREET-WILSON.
PIETERMARITZBURG SANATORIUM,
OCTOBER 1896.
ELEVATIONS.
FIG. 188  W. STREET-WILSON, PIETERMARITZBURG SANATORIUM, OCTOBER 1896.
SECTIONS OF THE MAIN BUILDING.
Section of Path Room T.l.r.
& Wood Shed.

Section of Operating Room.

FIG. 189 PIETERMARITZBURG SANATORIUM PLANS, OCTOBER 1896.
Proposed New Sanatorium

Loop Street P.M. Burg.

for Right Reverend Bishop John J. O.M.I.

Scale 8" = 1' 1/2 a.

Plan No. 4

U.R.M. 

Ward

Sanatorium

Second Floor Plan of Hospital

Ground Floor Plan w. Chapel

Violet Graham A.R.I.B.A.
Author 1936
FIG. 192 W. STREET-WILSON, PIETERMARITZBURG SANATORIUM, MAY 1897.
ATTIC PLAN AND FRONT ELEVATION.
Proposed New Sanatorium.

Lech Street P.M. Burg

for the Right Reverend Bishop Jellicoe 01

Scale 7/8 inch = 1 foot

Plan 123

N.T. Hill...

R.A. Higham

Sanitary Section of Sanatorium.

Side Elevation of Sanatorium.

FIG. 193 PIETERMARITZBURG SANATORIUM, MAY 1897. SECTION AND ELEVATION.
Proposed New Sanatorium

Loop Street - P.M. Burg

for the Right Reverend Bishop Jollie

scale 1/8 inch = 1 foot

Plan No 2

W.T. Murray

W.J. Thompson

G. Nicolson

Existing circular leaded window to be refined

Elevation of Chapel 8°

FIG. 195  W. STREET-WILSON. PIETERMARITZBURG SANATORIUM, MAY 1897. ELEVATION OF THE CHAPEL.
SECTION OF CHAPEL.

SECTION OF CHAPL & CHAPEL.

W. STREET-WILSON. PIETERMARITZBURG SANATORIUM, MAY 1897. SECTIONS THROUGH THE CHAPEL.
FIG. 197  W. STREET-WILSON. PIETERMARITZBURG SANATORIUM, MAY 1897.
SECTIONS OF THE CHAPEL.
Part Back Elevation.

W. Street-Wilson  |  A.R.I.B.A.
Arthur Yfe  |  architect
Durban.

1897.

Side Elevation of Sanctuary, etc.

Fig. 198 Pietermaritzburg Sanatorium, May 1897.
FIG. 199   PIETERMARITZBURG SANATORIUM, ALTERATIONS AND ADDITIONS, 1902-3.
FIG. 200 PIETERMARITZBURG SANATORIUM. ALTERATIONS AND ADDITIONS, 1902–3.
FIG. 201 PIETERMARITZBURG SANATORIUM, ALTERATIONS AND ADDITIONS, 1906.
FIG. 202  PIETERMARITZBURG SANATORIUM. ALTERATIONS AND ADDITIONS, 1906.
85, 86. Pietermaritzburg Sanatorium, c. 1915.
Front Elevation

Fig. 204 Pietermaritzburg Sanatorium. Alterations, 1920.
FIG. 205 PIETERMARITZBURG SANATORIUM, ALTERATIONS, 1920.
FIG. 208
ORIGINAL BETANIA MISSION HOSPITAL LAYOUT.
Plan prepared by Swedish Missionary.
FIG. 209 NEW BETANIA MISSION HOSPITAL. PLAN AND FRONT ELEVATION.
88, 89, 90, 91. Betania Mission Hospital, at present.
FIG. 211 KWAMAGWAZA - MISSION HOSPITAL, GROUND FLOOR PLAN AND ELEVATION.
FIG. 212 MARIANNHILL HOSPITAL, FIRST PROPOSAL - NON-REALISED, 1905.
FIG. 214  ST. MARY'S HOSPITAL, MARIANNHILL. NON-REALIZED DESIGN, SECTIONS, 1924.
Plan for a Hospital

For Mariannhill

Scale 1:7, Kapellen Detail 1:7

Mariannhill 1917

Architect: Oosten

1G. 215 St. Mary's Hospital, Mariannhill, non-realized design, back elevation, 1924.
FIG. 216 ST. MARY'S HOSPITAL, MARIANHILL,
NON-REALIZED DESIGN, SECTIONS, 1924.
FIG. 217 MARIANNHILL HOSPITAL, NON-REALISED PROJECT, 1924.
FIG. 218 ST. MARY'S HOSPITAL, MARIANNHILL, GROUND FLOOR PLAN. REALISED DESIGN. 1924.
FIG. 220  ST. MARY'S HOSPITAL, MARIANNHILL.
REALIZED DESIGN, 1924.
FIG. 221 ST. MARY'S HOSPITAL, MARIANHILL. REALIZED PROJECT, 1924.
FIG. 222  ST. MARY'S HOSPITAL, MARIANHILL, SIDE ELEVATION, REALIZED PLAN, 1924.
FIG. 223 ORIGINAL ST. MARY’S HOSPITAL, MARIANNHILL, 1918.

FIG. 224 ST. MARY’S HOSPITAL IN MARIANNHILL, 1940s.
93. Mariannhill Monastery.
ST. MARY'S HOSPITAL.
MARIANNHILL.

FIRST FLOOR. SCALE: ½" TO 1'.

FIG. 226 ST. MARY'S HOSPITAL, MARIANNHILL. FIRST FLOOR PLAN. PRESENT PLAN.
FIG. 227  ST. MARY'S HOSPITAL, MARIANNHILL. PRESENT FRONT ELEVATION.

FIG. 228  ST. APOLLINAIRE'S HOSPITAL, CENTOCOW. PRESENT FRONT ELEVATION.
95. St. Mary's Mission Hospital, Mariannhill, at present.
FIG. 232 IXOPO SANATORIUM. DETAIL OF ROOF CONSTRUCTION.
FIG. 236 ST. APPOLINAIRE'S HOSPITAL, CENTOCOW. (PRESENT PLAN.)
St. Appolinaire's Mission Hospital, Centocow.
FIG. 23: ZULU MCCORD HOSPITAL, NEW WARD.
part III

analysis & evaluation
FIG. 239 GREY'S HOSPITAL, WARDS "A" AND "B", DETAILS.
FIG. 240 GREY'S HOSPITAL, DETAILS.

FIG. 241 ADDINGTON CHILDREN'S HOSPITAL, DETAIL OF THE ELEVATION.
FIG. 242 DETAILS: 1. ADDINGTON CHILDREN’S HOSPITAL, ENTRANCE, 2. ADDINGTON HOSPITAL, VERANDA DETAIL, 3. FORT ENGLAND ASYLUM, VERANDA DETAIL, 4. GREY'S HOSPITAL, WARDS "A" AND "B", ENTRANCE, 5. GREY'S HOSPITAL, DETAIL OF MAIN BLOCK IN 1920s.
FIG. 243 ESTCOURT SANATORIUM.
DETAILS.
Kensington Hosp. Detail of portico. Main Ent.

FIG. 245 W. STREET-WILSON, ADDINGTON HOSPITAL, DETAIL OF PORTICO, 1892.
FIG. 246 NATAL GOVERNMENT ASYLUM,
HOME FOR PRIVATE PATIENTS,
DETAIL OF FACADE.
FIG. 247 NATAL GOVERNMENT
ASYLUM, HOME FOR PRIVATE PATIENTS- DETAIL OF FACADE.
SCREEN TO DINING HALL PORCH.

PANELLING TO DINING HALL.

FIG. 249 NATAL GOVERNMENT ASYLUM, DETAILS OF DINING HALL.
FIG. 250 DURBAN SANATORIUM—DETAILS.

EX. WINDOWS AND BRICKWORK TO BE REMOVED. NEW PC COLUMNS.

REMOVE PLASTER AND SILL
PACK OUT WITH BRICKWORK
AND PLASTER TO FLUSH SURFACE

NEW PERSPEX BARREL VAULTS

REMOVE WINDOWS AND BRICK UP OPENINGS

BUILD IN NEW WINDOW

W31
FIG. 252 DETAILS:

1. LANTERN IN HOME FOR PRIVATE PATIENTS, NATAL GOVERNMENT ASYLUM.
2. ROOF VENTILATOR IN ADDINGTON HOSPITAL LAUNDRY.
3. DETAIL OF CHIMNEY IN DUNDEE COTTAGE HOSPITAL.
4. TURRET ON ROOF OF IXOPO SANATORIUM.
FIG. 253 DETAILS:
1. IXOPO SANATORIUM- ENTRANCE TO THE BUILDING.
2. NATAL GOVERNMENT ASYLUM. HOME FOR PRIVATE PATIENTS- ENTRANCE.
3. ADDINGTON CHILDREN'S HOSPITAL- TOWER.
FIG. 254 DETAILS OF ELEVATIONS: 1. ST. MARY'S HOSPITAL, MARIANNHILL, 2. GREY'S HOSPITAL NURSES HOME, KANDWITON CHILDREN'S HOSPITAL, 4. NEWCASTLE COTTAGE HOSPITAL.
FIG. 255  INDIAN POINT HOSPITAL  NEW WARD  DETAILS OF VERANDA
FIG. 256. ST. MARY'S HOSPITAL, MARIANNHILL, DETAILS.
FIG. 257 St. Mary's Hospital, Mariannhill, Detail of Elevation.
FIG. 258 DETAIL OF VERANDA: 1. GREY'S HOSPITAL, 2. ST. MARY'S HOSPITAL, MARIANHILL,
3. ESTCOURT SANATORIUM & NATAL GOVERNMENT ASYLUM LAUNDRY
118. Estcourt Sanatorium, 1893. Detail of veranda.
119. J. C. Cleland. Addington Children's Hospital, 1931. Detail.
Natal Government Asylum additions 1902, C. Bompas.

121. Addington Children's Hospital 1931.

122. Addington Children's Hospital, 1931.
FIG. 259
ROYAL VICTORIA HOSPITAL
BELFAST. SECTION OF MAIN DUCT.
1. engine room
2. fan shaft
3. heating chamber
4. filtering ropes
5. air inlet grilles
6. draught control door
7. main duct
8. branch ducts

FIG. 260
ROYAL VICTORIA HOSPITAL
BELFAST. COMPLETE VENTILATING SYSTEM.
FIG. 261 1. NATAL GOVERNMENT ASYLUM, GABLE VENTILATOR, 2, 3. NEWCASTLE COTTAGE HOSPITAL VENTILATORS, 4. DIRTY LINEN TANK IN NATAL GOVERNMENT ASYLUM LAUNDRY.
FIG. 262 DETAILS: 1. ADDINGTON HOSPITAL, LAUNDRY, ROOF VENTILATOR.
2. ESHOWE COTTAGE HOSPITAL, DETAIL OF BRICK PIER.
FIG. 263 DUNDEE COTTAGE HOSPITAL, PROPOSED INCINERATOR.
1. M'Kinnell's circular tube.

2. Watson's proposal to put partition into the tube to avoid double current.


4. Dr. Macdonald's twin-fan ventilator.

5. Ventilating tube.

6. Mr. Ritchie's ventilating tube.

7. Vertical inlet tube.

8. Ventilating tube.
FIG. 266 KITCHEN, NATAL GOVERNMENT ASYLUM.
FIG. 267 VERULAM HOSPITAL, SERVICE BLOCK.
FIG. 268 ADDINGTON CHILDREN'S HOSPITAL, SECTION THROUGH KITCHEN BLOCK.
FIG. 269  IXOPO SANATORIUM
SERVICES.

FIG. 270  GREY'S HOSPITAL, SERVICES.
FIG. 274. DUNDEE COTTAGE HOSPITAL, OPERATING THEATRE AND KITCHEN BLOCK: LATER ADDITIONS.

FIG. 275. QUEEN VICTORIA HOSPITAL, ESHOWE, PLAN OF LAUNDRY AND NATIVE'S ROOM.
FIG. 276 ESHOWE COTTAGE HOSPITAL, NEW KITCHEN.
FIG. 277 LADYSMITH SANATORIUM- KITCHEN LAYOUT.

FIG. 278 ESHOWE COTTAGE HOSPITAL- EXTENSION TO THE KITCHEN.
FIG. 281 LAUNDRY, FORT ENGLAND, 1896.
FIG. 282  LAUNDRY, FORT ENGLAND, 1896.
FIG. 283 NATAL GOVERNMENT ASYLUM, LAUNDRY, 1896.
Fig. 284 Natal Government Asylum, Laundry, 1896.
FIG. 285 ADDINGTON HOSPITAL, LAUNDRY, 1898.
FIG. 286 ADDINGTON HOSPITAL LAUNDRY, 1898.
FIG. 287 ESHOWE COTTAGE HOSPITAL, NEW LAUNDRY.
FIG. 288  ESHOWE COTTAGE HOSPITAL. OPERATING THEATRE.
114, 115. Durban Sanatorium. Operating Theatre, c.1940.
FIG. 289 GREY'S HOSPITAL- OPERATING THEATRE COMPLEX.

FIG. 290 IXOPO, CHRIST THE KING HOSPITAL, OPERATING THEATRE COMPLEX.
FIG. 291  ESHOGE COTTAGE HOSPITAL, NEW BED PAN ROOM.
FIG. 292 QUEEN VICTORIA HOSPITAL, ESHOWE, PLAN AND SECTION OF STABLE BLOCK.
FIG. 293  ESHOWE COTTAGE HOSPITAL, LATRINES.
FIG. 294. ESHOWE COTTAGE HOSPITAL - MORTUARY.

NOTE: ALL NEW WORK TO MATCH & LINE UP WITH EXISTING.

SCALE: 8' TO 1'.

APPROPRIATION RECORDS

NEW

EXISTING

FRONT

SIDE

CONC. SLAB

SLAB

6" GRAND CHANNEL IN FLOOR

BUILT UP

SLAB

4" CONCRETE CEM. FLOATED

24" X 8" FOOTING

4" HARD CORE

ON HARD FILLING

4 1/2" X 1/2" TIMBERS
FIG. 295  WARD FOR 20 BEDS:
A. ward
B. nurses room with ward window
C. scullery
D. water-closet and water-sink
E. bathroom and ablution room
F. ventilated lobbies

FIG. 296  BEDS AND WINDOWS ARRANGEMENT: PLAN AND SECTION.

FIG. 297  DETAIL OF WARD, LAVATORY, CLOSETS AND URINAL (from Florence Nightingale's book 1.)
FIG. 298  ST. THOMAS' HOSPITAL, LONDON. WARD LAYOUT.
112. Grey's Hospital. Female Ward, c. 1870.

117. Durban Sanatorium c.1940.
125. Addington Hospital. Nurses Home, 1902.
FIG. A2  GREY'S HOSPITAL. 'A' NURSES HOME, PLAN AND FRONT ELEVATION.
FIG. A3 NEWCASTLE COTTAGE HOSPITAL, NURSES HOME, ORIGINAL AND DEVELOPED.
FIG. A4  NEWCASTLE COTTAGE HOSPITAL, ALTERATIONS AND ADDITIONS TO THE NURSES HOME.
FIG. A5  DUNDEE COTTAGE HOSPITAL, NURSES HOME.
FIG. A9  ESHOWE COTTAGE HOSPITAL, NURSES HOME, BACK ELEVATION.
FIG. A10 ESOWE COTTAGE HOSPITAL, NURSES HOME, END ELEVATION.
NOTE:
ALL NEW WORK IS TO MATCH &
LINE UP WITH SIMILAR EXISTING WORK.

FIG. A11 ESHOWE COTTAGE HOSPITAL. NEW NURSES HOME, 1941.
FIG. A 13 ESHOWE COTTAGE HOSPITAL, NEW NURSES HOME, 1941.
FIG. A14 FORT NAPIER
HOSPITAL DINING HALL
FOR NURSES- PLAN.
FIG. A 15  FORT NAPIER MENTAL HOSPITAL, DINING HALL FOR NURSES.
FRONT ELEVATION AND ROOF PLAN.
FIG. A16 FORT NAPIER MENTAL HOSPITAL. DINING HALL FOR NURSES, SECTIONS.
FIG. A 17  FORT NAPIER MENTAL HOSPITAL. NURSES HOME, PLAN, SECTION AND ELEVATIONS.
FIG. A: BETANIA MISSION HOSPITAL. ORIGINAL LAYOUT AND ELEVATION OF NURSES HOME
"IMRFWANA"
THE SANATORIUM, DURBAN, S.A.
PROPOSED NURSES HOME, ETC.

ELEVATION TOWARDS TENNIS COURT.

TENNIS COURT.
PATHWAY.

VERANDAH.

EXTRA ROOM. 19'0" x 19'0"
DUTY ROOM. 19'6" x 12'6"

BED RM. No. 1. 16'0" x 15'0"
BED RM. No. 2. 16'0" x 12'0"

OPEN AREA

STAIRCASE HALL.

LAVATORY

KITCHEN.

X-RAY ROOM

THEATRE

LABORATORY

MAIN ENTRANCE GATEWAY.

GROUND FLOOR PLAN.

SCALE: 8 FEET TO 1 INCH.

FIG. A 19 DURBAN SANATORIUM NURSES HOME. GROUND FLOOR PLAN AND ELEVATION.
FIG. A 21 DURBAN SANATORIUM, NURSES HOME, SECTION.
IG. A 22 DURBAN SANATORIUM NURSES HOME. ELEVATIONS AND SECTION AT PRESENT.
FIG. A23  PIETERMARITZBURG SANATORIUM, NURSES HOME. GROUND FLOOR PLAN.
FIG. 27 GREY'S HOSPITAL, "B" NURSES HOME, FIRST FLOOR PLAN.
FIG. A 29  GREY'S HOSPITAL, "B" NURSE'S HOME, SECTION, SIDE ELEVATION.
124. Grey’s Hospital, Nurses Home B, 1927.
FIG. A30 ZULU MCCORD HOSPITAL, PLAN OF NURSES HOME.
FIG. B1  ADDINGTON HOSPITAL. NEW VENERAL WARD, 1923.
FIG. B3 INFECTIONOUS DISEASES HOSPITAL, CONGELLA, DURBAN. NEW WARD, 1934. PLAN.
FIG.C3 NATAL GOVERNMENT ASYLUM, FIRST FLOOR PLAN OF MAIN BLOCK. PRESENT PLAN.
FIG. C4 NATAL GOVERNMENT ASYLUM; MAIN BLOCK ELEVATIONS AT PRESENT.
FIG. C7 NATAL GOVERNMENT ASYLUM, MAIN BLOCK, ROOF PLAN.
PRESENT PLAN.
FIG. C8 NATAL GOVERNMENT ASYLUM. HOME FOR PRIVATE PATIENTS- GROUND FLOOR PLAN.
PRESENT PLAN.
FIG. C9 NATAL GOVERNMENT ASYLUM, HOME FOR PRIVATE PATIENTS, FIRST FLOOR PLAN.
PRESENT PLAN.
FIG. 10 NATAL GOVERNMENT ASYLUM, ROOF PLAN.
PRESENT PLAN.
FIG. C.11 NATAL GOVERNMENT ASYLUM, HOME FOR PRIVATE PATIENTS, PLANS AND ELEVATIONS (PRESENT PLANS).
FIG. C12 NATAL GOVERNMENT ASYLUM, HOME FOR PRIVATE PATIENTS. SOUTH-EAST ELEVATION. PRESENT PLAN.
FIG. C.13 NATAL GOVERNMENT ASYLUM. HOME FOR PRIVATE PATIENTS, AT PRESENT.
FIG.C15 NATAL GOVERNMENT ASYLUM. HOME FOR PRIVATE PATIENTS
NORTH ELEVATION AND SECTION THROUGH THE DINING HALL
(PRESENT PLANS).
FIG. C16 NATAL GOVERNMENT ASYLUM. KITCHEN BLOCK.

SECTION AA

SECTION BB
FIG. C17 NATAL GOVERNMENT ASYLUM: HOME FOR PRIVATE PATIENTS, ELEVATIONS.
FIG. 02  PIETERMARITZBURG SANATORIUM. NEW X-RAY DEPARTMENT, 1925.
FIG. E1 WORKERS DRIFT HOSPITAL. (ANGLICAN MISSION).
Reconstruction by Dr. W. O. Servant.
FIRST STUDENT NURSES' HOME UNDER ERECTION, 1940.

COMPLETED.

TRANSPORT OF PATIENT IN EARLY DAYS.

FIG. E 3 CEZA MISSION HOSPITAL NURSES HOME.
Ceza Mission Hospital, c.1930.