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SA Council for Scientific and Industrial Research Pretoria. 1. Report on Witbank New Native Township (Architect: Calderwood, D.M.): 1.1 Location, site & zoning BR/V/506: 634X350 1.2 Development control analysis (graphs) BR/V/508: 655X685. 1.3 Space anaysis. BR/V /507: 655X685 1.4 . Space & Services analysis.BR/V/ 510: 655X685

S.A. Council for Scientific and Industrial Research, Pretoria. National Building Research Institute.Architect: Calderwood, D M.

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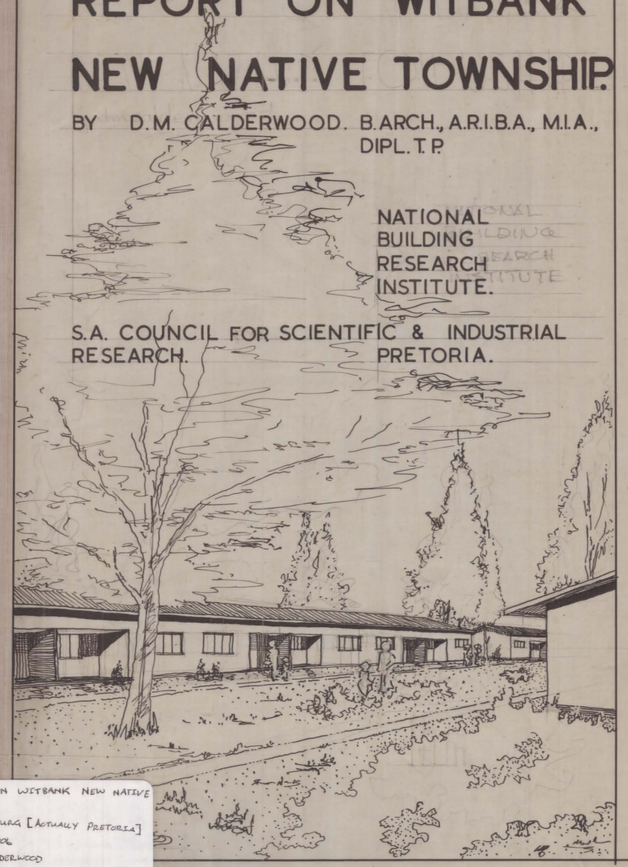
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REPORT ON WITBANK NEW NATIVE TOWNSHIP.

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BRV 506

REPORT ON WITBANK NEW NATIVE TOWNSHIP
JOHANNESBURG [ACTUALLY PRETORIA]
BRA IV/506
D.M. CALDERWOOD
634 x 350 mm

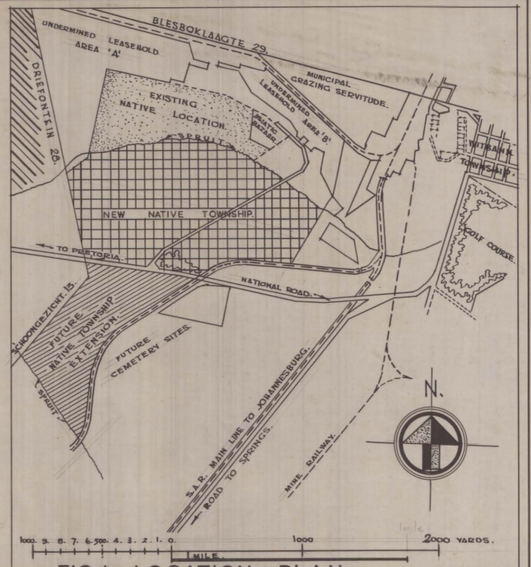
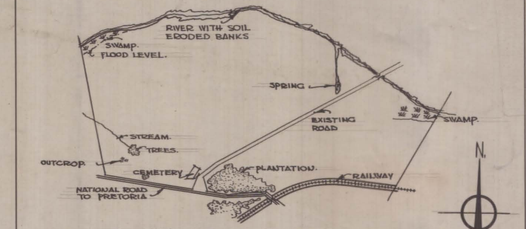


FIG.I. LOCATION PLAN.
SCALE. 1 : 20,000

- NEW AREA.
- EXISTING AREA.
- FUTURE AREA.
- NEW INDUSTRIAL AREA.

DISTANCE TO TOWN CENTRE: 1½ MILES,
TO ASIATIC BAZAAR ¼ TO ½ MILE,
ADJOINS EXISTING LOCATION.
DISTANCE TO EXISTING INDUSTRIAL SITES. 2½ MILES.
DISTANCE TO FUTURE INDUSTRIAL SITES. 1 MILE.

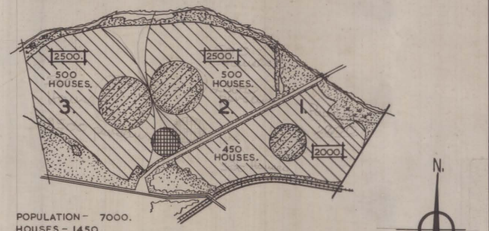
- PLATE NUMBER 1. -



AREA OF SITE 288.3 ACRES.

FIG. 2. SITE PLAN.
SCALE: 1·15000 APPROX.

CONSIDERATIONS OF AREA.
THE PLANTATION, SWAMPS, SOIL ERODED AREA ALONG RIVER, EXISTING ROAD, CEMETERY AND SPRING OCCUPY 37.75 ACRES OF SITE. CONSIDERING THE SHAPE LEFT OVER ABOUT ANOTHER 14.75 ACRES ARE DIFFICULT: THIS GIVES A DEVELOPMENT AREA OF 236. ACRES.



POPULATION - 7000.
HOUSES - 1450.

FIG. 3. ZONING DIAGRAM.

- OPEN SPACE CAUSED BY NATURE OF SOIL, SET BACKS ETC.
- CIVIC CENTRE.
- RESIDENTIAL. FIGURE IN RECTANGLE = ESTIMATED POPULATION. LARGE FIGURES 1,2&3 DENOTE THREE RESIDENTIAL UNITS.
- OPEN SPACE PLANNED FOR SCHOOLS, PARKS ETC.

- PLATE NUMBER 2. -