

address

1 A.

A 7/21.2

Area near Buxton near bank of. 16/2/11

IN 1886 WHEN THE TOWN OF JOHANNESBURG WAS FIRST CONSTITUTED THE AREA WAS 5 SQ. MILES. THE TRIANGULAR PIECE OF GROUND WHICH IN THOSE DAYS WAS UITVALGROND, IN OTHER WORDS, IT WAS A PIECE OF GROUND REMAINING OVER AFTER THE BIG FARMS HAD BEEN CLAIMED. THIS UITVAL GROND BELONGED TO THE SOUTH AFRICAN REPUBLIC SO THAT WHEN IT WAS DECIDED TO PROCLAIM JOHANNESBURG THIS WAS A CONVENIENT PIECE OF GROUND TO ALLOCATE. ITS BOUNDARIES WERE WHAT IS NOW THE CORNER OF END AND COMMISSIONER STS., DIAGONAL AND COMMISSIONER, THE APEX WAS AT THE BOUNDARY OF LOUIS BOTHA AVE IN BEREA. THE BOUNDARY OF THE TOWN REMAINED THE SAME UNTIL 1901. A NUMBER OF ~~AREAS~~ OUTSIDE THE TOWN HAD BEEN BUILT AND IN 1901 MAYFAIR, PARKTOWN, BEREA, YEOVILLE, BELLEVUE, JUDITH'S PAARL AND LOURENSVILLE WERE INCORPORATED. IT WAS ONLY AFTER THE BRITISH OCCUPATION THAT THE BOUNDARIES WERE SUITABLY ENLARGED AND

1 B.

IN 1902 THE AREA WAS INCREASED TO A RADIUS OF APPROXIMATELY 5 MILES FROM THE POST OFFICE AND THE AREA THEN BECAME 75.55 SQ. MILES. ONE OF THE REASONS FOR THE INCREASE IN THE AREA AT THAT TIME WAS THAT THEY WISHED TO MAKE THE MINING ^{Talent} ~~TOWN~~ AVAILABLE IN THE RUNNING OF THE CITY.

CHANGING JOHANNESBURG.

MUNICIPAL AREA 94 SQ. MILES.

NORTH-EAST AND NORTH-WEST +14 SQ. MILES OF THE 94, 23 SQ. MILES PROCLAIMED MINING GROUND, NOT AVAILABLE FOR DEVELOPMENT PURPOSES.

JOHANNESBURG DEVELOPMENT LOP-SIDED.

BUSINESS AREA BUILT IMMEDIATELY NORTH OF PROCLAIMED MINING AREA.

RESIDENTIAL DEVELOPMENT MAINLY NORTH AND EAST.

CROWN MINES AREA TO ACCOMMODATE 40 TO 45,000 PEOPLE.

INCORPORATION AREA TO THE SOUTH 93 SQ. MILES, OF WHICH, 21 SOWETO.

MENTION LENASIA, NANCEFIELD, COLOURED GROUP AREA.

WILL CORRECT IMBALANCE OF CITY HAVING KLIP RIVER AS SOUTHERN BOUNDARY.

THE MINES OF JOHANNESBURG PRODUCE GOLD WHICH AT TODAY'S VALUE OF 35 DOLLARS PER OUNCE IS VALUED AT R3,000,000,000.

VILLAGE MAIN, VILLAGE DEEP, CITY DEEP, CROWN MINES, NOUSE, JUPITOR⁶, FERREIRA DEEP, NEW HERIOT, WOLHUTTER. MEYER AND CHARLTON. *Robinson*

DEVELOPMENT OF SUIKERBOSRAND, JOINT EFFORT WITH CENTRAL GOVERNMENT, PROVINCE AND LOCAL AUTHORITIES, 18,000 MORGEN, 11 MILES LONG, 6 MILES WIDE.

DEVELOPMENT OF RECREATIONAL AREA ON KLIPRIVER WATER AREA OF 650 ACRES.

POPULATION EXPLOSION:

1920	ALL RACES	286,000	
1938		500,000	
1967		1,300,000	
1970	CENSUS	1,407,000	-
			482,589 WHITE
			82,551 COLOURED
			39,312 ASIATICS
			803,511 AFRICANS
1985	ANTICIPATED	2,000,000	

VEHICLE POPULATION:

1948 - 71,000

1960 - 158,000

1968 - 258,000 - 214,166 OWNED WHITES

18,646 OWNED BANTU (DOUBLED IN 3 YEARS)

3,313 OWNED COLOUREDS do.

5,265 OWNED INDIANS do.

1985 - 400,000 OF WHICH 47,600 OWNED BY AFRICANS.

4.

FREEWAYS PROGRAMME: R70-MILLION.

OLD MINING GROUND.

NO DIAGRAMS OF UNDERGROUND WORKINGS.

SINK SUPPORTS 150 FEET BEFORE SOLID GROUND.

MARKET BRICKFIELD 80 FEET.

HYDRAULIC "JACKS".

CONTRIBUTION OF PROVINCE AND NATIONAL TRANSPORT COMMISSION R21,000,000

WHEN ESTIMATED COST WOULD BE R45.4 MILLION NOV. 1970.

AIR TRAVEL:

CHANGE CAPE TOWN WAS PREVIOUSLY THE POINT OF ARRIVAL NOW JOHANNESBURG.

NOT AT THE END OF THE LINE AUSTRALIA, SOUTH AMERICA.

5.

RAND AIRPORT : 1962 - 28,000 TAKE-OFFS AND LANDINGS.

LAST YEAR 105,829.

JAN SMUTS AIRPORT : 27,000

PASSENGERS 1970 EXCEED 1-MILLION.

ANTICIPATED NUMBER OF PASSENGERS TO BE CARRIED FROM JAN SMUTS BY 1980 3,000,000.

AIR FREIGHT CARRIED 15,000,000 KILOGRAMS 1970.

CHANGE IN BUILDING REGULATIONS:

59° ANGLE.

A SET BACK OF 5 FEET OF GROUND FLOOR.

SACRIFICE OF 1 SQ. FOOT OF GROUND CAN BUILD 6 SQ. FEET ON UPPER FLOOR.

BONUS BULK UPPER FLOORS. CARLTON CENTRE OCCUPY 31% OF GROUND FLOOR, STANDARD BANK 27%

CARLTON CENTRE:

NO TALK ON JOHANNESBURG COMPLETE WITHOUT REFERENCE TO CARLTON CENTRE.

OFFICE BLOCK 660 FEET HIGH, LEVEL OBSERVATION TOWER AT HERTZOG 570 FEET.

10,000 PEOPLE ON THE SITE. PARKING 2,000 CARS.

PROBLEMS FOR THE CITY:

300,000 GALLONS OF WATER A DAY.

SEWER EFFLUENT 300,000.

AT PEAK AT THE RATE OF 875,000.

1,600 LAVATORY POINTS.

GAS CONSUPTION EQUIVALENT TO 7,000 DOMESTIC RANGES.

ELECTRICITY CONSUMPTION AT PEAK - EQUIVALENT TO PEAK AT THE MOMENT FOR KIMBERLEY.
TWENTY FIVE NEW PROJECTS SUCH AS CARLTON CENTRE, TRUST BANK, STANDARD BANK,
S.A.B.C. CIVIC CENTRE CREATE PEAK DEMAND EQUIVALENT TO THAT OF WHOLE CITY 25 YEARS
AGO.

STANDARD BANK BUILDING:

UNIQUE IN SOUTH AFRICA.

BASEMENT 64'6" BELOW PAVEMENT LEVEL.

BELOW THIS ARE BUILT FOUR PILE CAPS WHICH VARY IN DEPTH FROM 45' TO 145' AND
16'6" IN DIAMETER.

ON TOP OF THESE PILES SLABS OF CONCRETE 46'6" SQUARE AND 9¹" THICK.

ON TOP OF THIS FOUNDATION CENTRAL CORE BUILT.

CENTRAL CORE 458' ABOVE PAVEMENT LEVEL.

THREE SETS OF CANTILEVER BEAMS ON EACH SET 10 FLOORS ARE SUSPENDED.

GAINT 65 TON TWIN BOOM CRANE.

NEW MARKET:

BUILT ON OLD CITY DEEP.

243 ACRES IN EXTENT.

PREVIOUS MARKET WAS 16 ACRES. 1913 OLD CORRUGATED IRON.

3 $\frac{1}{2}$ ACRES OF REFRIGERATED SPACE AND COOL CHAMBERS.

CHANGES IN MARKETING ARRANGEMENTS.

BUILDING OF FLOWER MARKET FOR MULTI-FLORA.

VISUALIZED IN YEARS TO COME NEW USE FOR AREA.

PLANNERS WOULD LIKE TO SEE RAILWAYS DECKED AND BRAAMFONTEIN LINKED TO CITY.
NEW ABATTOIR COST R16-MILLION.

SEWERAGE SERVICES:

JOHANNESBURG PROVIDES FOR METROPOLITAN AREA.

PROBLEMS CREATED BY GROWTH OF AREAS SUCH AS RANDBURG AND SANDTON.

WHEN PIPES LAID ANTICIPATED THAT BY 1985 FLOW WOULD BE 5,000,000 GALLONS PER DAY.

ALREADY 7,000,000 GALLONS.

QUANTITY OF WATER USED IN SEWERAGES DOUBLES EVERY 11 YEARS.

ENLARGEMENT OF CAPITAL EXPENDITURE OF R60-MILLION WILL HAVE TO BE MADE IN THE
NEXT 8 YEARS TO KEEP PACE WITH DEVELOPMENTS.

COUNCIL'S CATTLE BREEDING SCHEME 4,000 HEAD OF CATTLE.

REDEVELOPMENT OF BLIGHTED AREAS:

REDEVELOPMENT OF JEPPESTOWN, FAIRVIEW, TROYEVILLE, VREDEDORP AND PAGEVIEW.

DOORNFONTEIN COLLEGE OF ADVANCE TECHNICAL TRADING.

DEVELOPMENT OF ORIENTAL BAZAAR IN FORDSBURG.

FORWARD PLANNING DEPARTMENT:

FORMED 5 YEARS AGO.

MAIN REPORTS: *Metapocita J. H. v. N. E. Dewey. Educational failures. J. J. Transport Services. Police Dept. Bank Pop. Housing services.*

COUNCILS DIFFICULTIES IN KEEPING PACE WITH DEVELOPMENTS.

MANPOWER SHORTAGE. COUNCIL USE TO BE SOUGHT AFTER AS AN EMPLOYEE.

11.

FRINGE BENEFITS WERE ABOVE MOST. LIMITATION OF SALARIES. CITIES THROUGHOUT
THE WORLD ARE STRUGGLING FOR FINANCES FOR ADDITIONAL SOURCES OF INCOME.

BORCHENHAGEN COMMITTEE 13 YEARS.

RATES OF INTEREST.

ABILITY TO RAISE LOANS.

ABILITY TO GET CONTRACTORS TO UNDER TAKE WORK.

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