



**NOTE:**  
 1. THE TOWNSHIP IS DESCRIBED BY THE FOLLOWING FIGURES:  
 A-B-C-D-E-F-G-H-J-K-L-M-N-P-Q-R-S-T-U-V-W-X-Y-Z-abc-defg-hj-kl-mnpqA  
 2. t-s-u-v-w-x-y-z-A-B-C-D-E-F-G-H-J-K-L-M-N-P-Q-R-S-T-U-V-W-X-Y-Z-abc-defg-hj-kl-mnpqA

Floodwater - It is certified that the project area is affected as indicated by floodwater in terms of the specifications laid down by Section 144 of the National Water Act, 1998 (Act 36 of 1998)

Name: P.M. HIRSH (Pretoria) (Pty) Ltd  
 Reg No: 980257 Date: 2017-06-01

**PROPOSED TOWNSHIP**  
**MACKENZIE PARK EXT. 3**  
 SITUATED ON PART OF THE REMAINING EXTENT OF THE FARM BENONI 77-1-R.  
 IN EXTENT: 25,06ha



ANNEXURE 1

LANDS USE ZONING	NOTATION	ERP No.	No. of ERVEN	AREA (ha)	% of TOWNSHIP
RESIDENTIAL 2 (PLANNED DENSITY 18/ha)	1-706	699	13,51	5,0	
RESIDENTIAL 2 (PLANNED DENSITY 18/ha)	707-2480	1820	25,28	11,2	
RESIDENTIAL 4 (DENSITY 120 UNIT/HA)	2481-2486	15	30,46	22,4	
BUSINESS 2	2486-2500	5	21,77	9,8	
COMMUNITY FACILITIES (PRIMARY SCHOOLS)	2501-2502	2	5,36	2,4	
COMMUNITY FACILITIES (COMMUNAL SCHOOLS)	2503-2505	3	15,74	7,0	
COMMUNITY FACILITIES (SCHOOLS, GYMNASIUM, ETC)	2506-2509	4	1,85	0,7	
PUBLIC SERVICES (CEMETERY)	2510	1	14,20	6,3	
SPECIAL (Development of other areas reserved for use by the State)	2511-2514	4	34,31	15,2	
PUBLIC OPEN SPACE	2515-2527	13	34,31	15,2	
STREETS			36,48	16,2	
TOTAL		2527	225,08	100,0	

- ANNEXURE 2  
 GENERAL NOTES
- MIN. SIZE OF RESIDENTIAL ERVEN is 180m<sup>2</sup>.
  - MAXIMUM SIZE OF RESIDENTIAL ERVEN is 200m<sup>2</sup>.
  - CONTOURS HAVE 1m INTERVALS.
  - CONTOUR SURVEY IS M.S.L.
  - CONTOUR SURVEY COMPLIES WITH THE REQUIREMENTS LAID DOWN.
  - CO-ORDINATE GRID ON WGS 84
  - ALL AREAS AND DIMENSIONS ARE APPROXIMATE AND SUBJECT TO FINAL SURVEY.
  - ROAD WIDTHS ARE ANNOTATED ON THE PLAN.
  - LINE OF NO-ACCESS
  - CHANNELLED VALLEY BOTTOM WETLAND
  - 30m WETLAND BUFFER
  - 1: 100 YEARS FLOODLINE
  - DRAINING DAM
  - 100m AIR QUALITY BUFFER
  - DEPRESSION WETLAND
  - 50m DEPRESSION WETLAND BUFFER

CLIENT

**DEPARTMENT OF HUMAN SETTLEMENTS**

Ekurhuleni METROPOLITAN MUNICIPALITY

PLAN NUMBER: MACX3/3

AMENDMENT	DATE
LAYOUT AMENDED	MAY 2018

APPLICATION DATE: JUNE 2017

**SHUMA AFRICA PROJECTS (PTY) LTD**

# APPENDIX C2: PREFERRED ALTERNATIVE