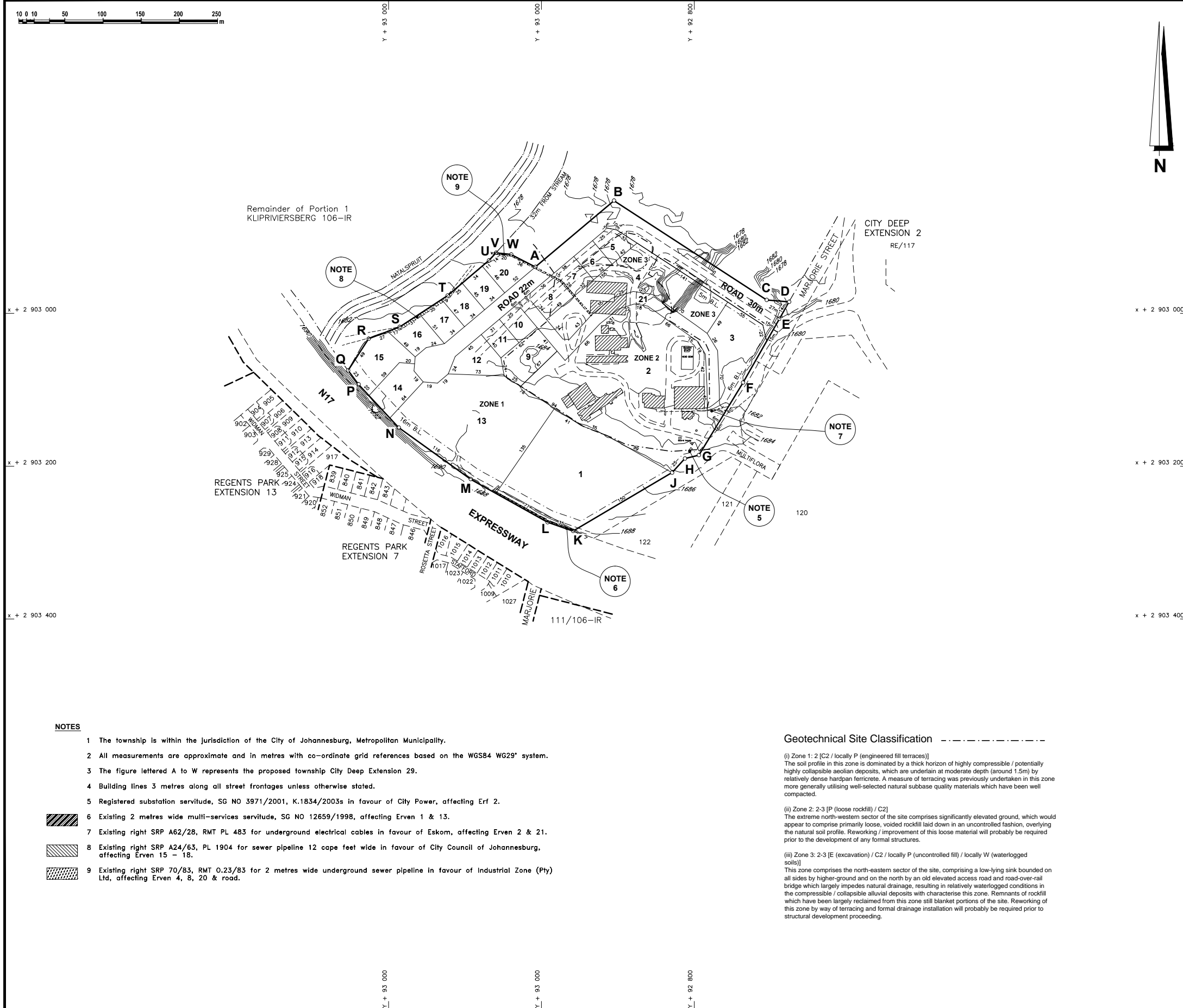
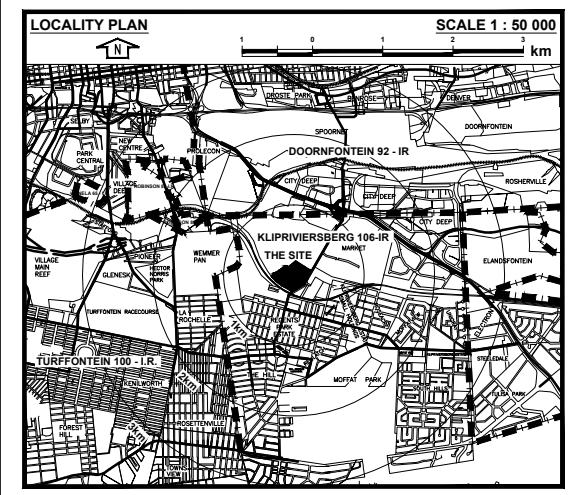


SCALE 1 : 2 500



SITUATE ON PART OF THE REMAINING EXTENT OF PORTION 1 OF THE FARM KLIPRIVIERSBERG 106-I.R.



REFERENCE					
KEY	USE	AREA (ha)	% OF TOWNSHIP AREA	ERF NUMBERS	APPROXIMATE ERF SIZES MIN TO MAX
	COMMERCIAL 2	11,6904	83,5	1 - 20	1221m ² - 3,2394ha
	SPECIAL FOR ACCESS AND GATEHOUSE PURPOSES	0,6893	4,9	21	6893m ²
	ROAD	1,6197	11,6		

TOTAL AREA OF TOWNSHIP 13,9994ha
 TOTAL NUMBER OF ERVEN 21
 AVERAGE SIZE OF COMM. 2 ERVEN 0,58ha
 MINIMUM GRADIENT OF STREETS 1 : 40
 MAXIMUM GRADIENT OF STREETS 1 : 10
 TOTAL LENGTH OF STREETS 590m

PREPARED IN ACCORDANCE WITH THE STANDARDS PRESCRIBED IN REGULATION 18 OF THE TOWN PLANNING AND TOWNSHIPS ORDINANCE 15 OF 1986.
 DATUM OF CONTOURS IS MEAN SEA LEVEL.
 CONTOURS AS SURVEYED BY P. CALDWELL

REVISIONS			
No.	Date	Initials	Details

THE LAND ON WHICH CITY DEEP EXTENSION 29 TOWNSHIP IS TO BE ESTABLISHED WILL NOT BE AFFECTED BY THE MAXIMUM LEVEL THAT IS LIKELY TO BE REACHED BY FLOODWATERS OCCURRING ON AN AVERAGE OF ONCE IN 100 YEARS IN ANY STREAM.

B.A. LEWIS Pr.Eng. 770157
 (Registered Professional Engineer)
 SODERLUND & SCHUTTE Inc DATE 2012/07/11

Applicant : INDUSTRIAL ZONE PROPRIETARY LIMITED
 Reg. No. : 1971/008146/07
 Town Planner : DATE 2012/07/11

iPROP PROPRIETARY LIMITED
 P.O. Box 27
 Crown Mines
 2025
 Tel. 011 496 1777 Fax. 011 496 1222
 E-Mail: group@iprop.co.za

Reg.No. 1961/000048/07

NOTES

- The township is within the jurisdiction of the City of Johannesburg, Metropolitan Municipality.
- All measurements are approximate and in metres with co-ordinate grid references based on the WGS84 WGS29 system.
- The figure lettered A to W represents the proposed township City Deep Extension 29.
- Building lines 3 metres along all street frontages unless otherwise stated.
- Registered substation servitude, SG NO 3971/2001, K.1834/2003s in favour of City Power, affecting Erf 2.
- Existing 2 metres wide multi-services servitude, SG NO 12659/1998, affecting Erven 1 & 13.
- Existing right SRP A62/28, RMT PL 483 for underground electrical cables in favour of Eskom, affecting Erven 2 & 21.
- Existing right SRP A24/63, PL 1904 for sewer pipeline 12 cape feet wide in favour of City Council of Johannesburg, affecting Erven 15 - 18.
- Existing right SRP 70/83, RMT 0.23/83 for 2 metres wide underground sewer pipeline in favour of Industrial Zone (Pty) Ltd, affecting Erven 4, 8, 20 & road.

Geotechnical Site Classification

- (i) Zone 1: 2 [C2 / locally P (engineered fill terraces)]
 The soil profile in this zone is dominated by a thick horizon of highly compressible / potentially highly collapsible aeolian deposits, which are underlain at moderate depth (around 1.5m) by relatively dense hardpan ferricrete. A measure of terracing was previously undertaken in this zone more generally utilising well-selected natural subbase quality materials which have been well compacted.
- (ii) Zone 2: 2-3 [P (loose rockfill) / C2]
 The extreme north-western sector of the site comprises significantly elevated ground, which would appear to comprise primarily loose, voided rockfill laid down in an uncontrolled fashion, overlying the natural soil profile. Reworking / improvement of this loose material will probably be required prior to the development of any formal structures.
- (iii) Zone 3: 2-3 [E (excavation) / C2 / locally P (uncontrolled fill) / locally W (waterlogged soils)]
 This zone comprises the north-eastern sector of the site, comprising a low-lying sink bounded on all sides by higher-ground and on the north by an old elevated access road and road-over-rail bridge which largely impedes natural drainage, resulting in relatively waterlogged conditions in the compressible / collapsible alluvial deposits with characterise this zone. Remnants of rockfill which have been largely reclaimed from this zone still blanket portions of the site. Reworking of this zone by way of terracing and formal drainage installation will probably be required prior to structural development proceeding.