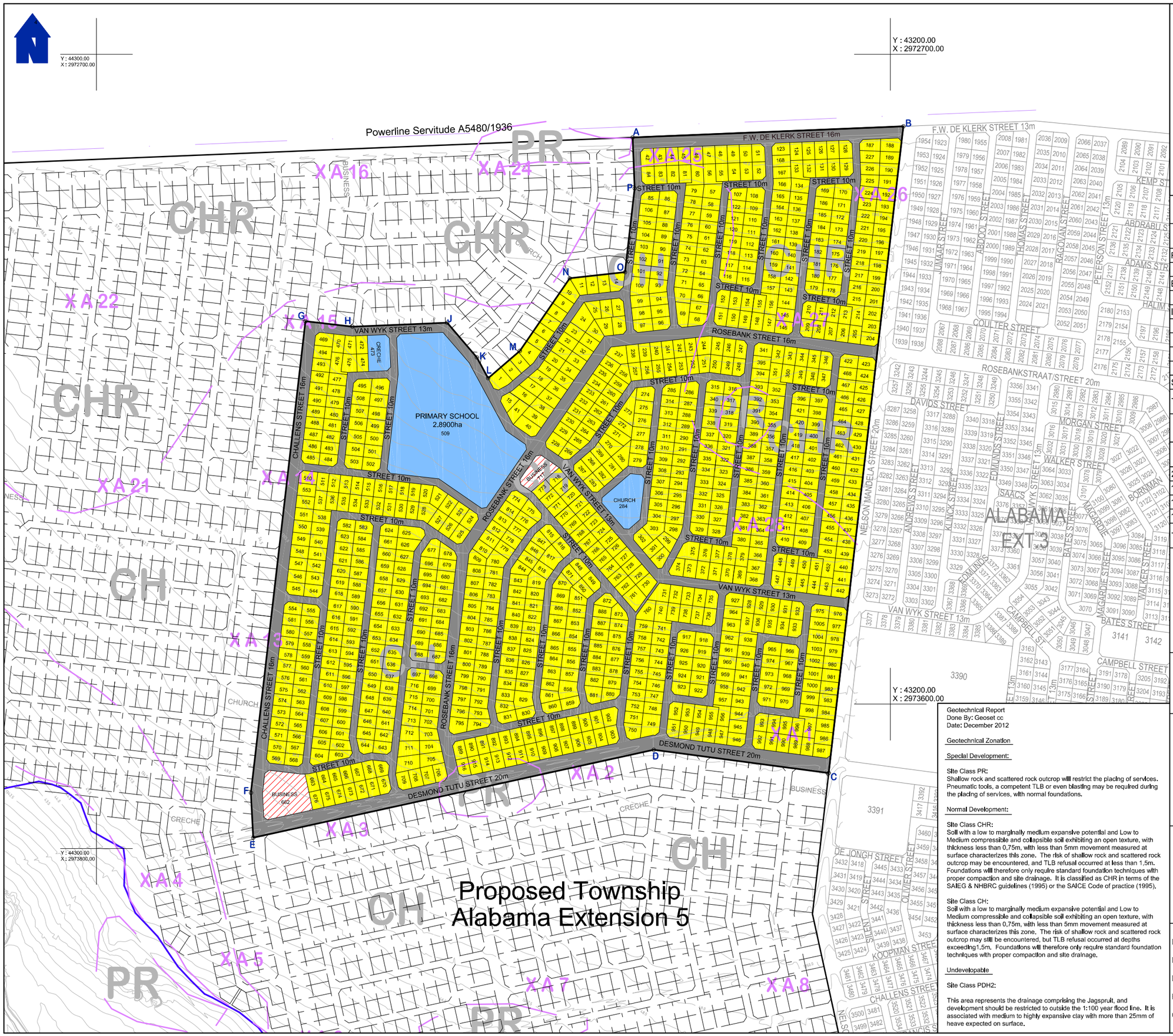

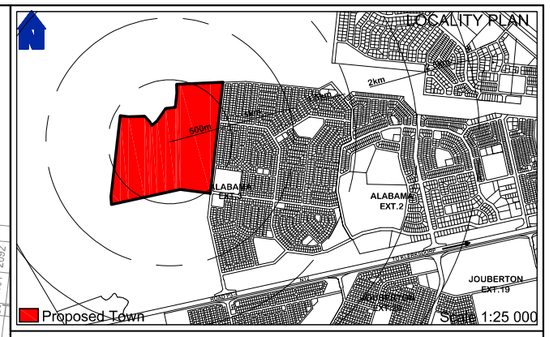

LEGEND

LAND USE	Number of Erven	Erf Numbers	Area in Ha	% of Area
Residential 1	1000	1-283; 285-472; 474-508; 510-661; 663-716; 718-1005	42.3348ha	69.83%
Business 2	2	717; 662	0.5159ha	0.86%
Institutional				
Primary School	1	509	2.8900ha	4.77%
Creche	1	473	0.1507ha	0.25%
Church	1	284	0.2932ha	0.48%
Streets			14.4385ha	23.81%
TOTAL	1005		60.6231ha	100 %

STREETS

Reserve Width	Length in metre	% of Street Length
20 metre	815m	6.75%
16 metre	2125m	17.59%
13 metre	895m	7.41%
10 metre	8244m	68.25%
TOTAL	12079m	100 %

NOTES:

The figure A-B-C-D-E-F-G-J-K-L-M-N-O-P-A represents the Proposed Town Alabama Extension 4.

Residential Erven : 423m²

Streets :
Maximum slope 1:37
Minimum slope 1:140

DESIGN OF TOWN LAYOUT

MAXIM PLANNING SOLUTIONS
C.GROBBELAAR TRP (SA)
TEL. (018) 468 6366

1 : 100 YEAR FLOODLINE

It is hereby certified in terms of the provisions of Section 144 of the National Water Act, 1998(Act No.36 of 1998) that the township is not affected by a public stream.

_____
PR ENGINEER

It is hereby certified that the town layout complies with the conditions and recommendations as stated in the Geological Report.

_____
PR ENGINEER

CONTOURS

The contour survey is in accordance with the standards laid down by the Regulations relating to Township Establishment and Land Use.

Digital Orthophoto by:
Azur
P. O. Box 1214
SILVERTON
TEL: (012) 8030345
FAX: (012) 8036059

Date of Photography: 18 October 2012
System: WGS84 Central Meridian: Lo27

Geotechnical Report
Done By: Geoset cc
Date: December 2012

Geotechnical Zonation

Special Development:

Site Class PR:
Shallow rock and scattered rock outcrop will restrict the placing of services. Pneumatic tools, a competent TLB or even blasting may be required during the placing of services, with normal foundations.

Normal Development:

Site Class CHR:
Soil with a low to marginally medium expansive potential and Low to Medium compressible and collapsible soil exhibiting an open texture, with thickness less than 0,75m, with less than 5mm movement measured at surface characterizes this zone. The risk of shallow rock and scattered rock outcrop may be encountered, and TLB refusal occurred at less than 1,5m. Foundations will therefore only require standard foundation technique with proper compaction and site drainage. It is classified as CHR in terms of the SAIEG & NHBRC guidelines (1995) or the SAICE Code of practice (1995).

Site Class CH:
Soil with a low to marginally medium expansive potential and Low to Medium compressible and collapsible soil exhibiting an open texture, with thickness less than 0,75m, with less than 5mm movement measured at surface characterizes this zone. The risk of shallow rock and scattered rock outcrop may still be encountered, but TLB refusal occurred at depths exceeding1,5m. Foundations will therefore only require standard foundation techniques with proper compaction and site drainage.

Undevelopable

Site Class PDH2:

This area represents the drainage comprising the Jagspruit, and development should be restricted to outside the 1:100 year flood line. It is associated with medium to highly expansive clay with more than 25mm of heave expected on surface.

PROPOSED TOWN ALABAMA EXT. 4

40 20 0 SCALE 1 : 5000
50 30 10 50

A PORTION OF THE REMAINING EXTENT OF PORTION 1 OF THE TOWNLANDS OF KLERKSDORP No.424-IP

CITY OF MATLOSANA — NORTH WEST PROVINCE

Drawing Compiled by : A. Erasmus
Drawings Nr. : 8/6/41
Date : 2013-04-25
Revision : 0
Caddie file : T:\Cld\Alabama\Alabama Ext. 4

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MAXIM planning solutions