

GEOTECHNICAL NOTES:	
Sub - Area	Commentary
(3R)	<ul style="list-style-type: none">Solid hard rock granite outcrop - most probably an undevelopable sub-area
2/3W(R3)(H/C-C1/S)	<ul style="list-style-type: none">Seepage subareas (requiring special drainage design) masked by solid and organic waste materials.Pockets of difficult excavation conditions in 0.0m to 1.5m profile and below.Potentially collapsible (CC1) near surface soil conditions
2/3E(H/C-C1/S)	<ul style="list-style-type: none">Natural soils masked by solid and organic wastePotentially collapsible (C C1) near surface soil conditions
2/3E(R3)(H/C2/S)	<ul style="list-style-type: none">Natural soils masked by solid and organic wastePockets of difficult excavation conditions in 0.0m to 1.5m profile and below, otherwise -Thick layers of potentially collapsible near surface soils (C2) in these sub-areas of the site.
2(R3)(H/C2/S)	<ul style="list-style-type: none">Pockets of difficult excavation conditions in 0.0m to 1.5m profile and below, otherwise -Thick layers of potentially collapsible near surface soils (C2) in these sub-areas of the site.
2(R3)(H/C-C1/S)	<ul style="list-style-type: none">Pockets of difficult excavation conditions in 0.0m to 1.5m profile and below, otherwise -Thick layers of potentially collapsible near surface soils (CC1) in these sub-areas of the site.
2(R2R3)H/C/S	<ul style="list-style-type: none">Scattered outcrop and-sub outcrop of medium and hard rock boulder conditions in these sub-areas of the site.

RESIDENTIAL SITES

Minimum slope on roads is 1:50
Maximum slope on roads is 1:18

CONTOURS

The contours on this plan are in accordance with the stipulations of Regulation 18(1)(a)(1) of the Town Planning and Townships Ordinance, Ord. 15 of 1986. The contours on this plan were obtained from

CO-ORDINATES

The Co-ordinate reference is based on WG27 system. Base Plan mapping was done by

DIMENSION AND SIZES

- All dimensions shown on the plan are approximate, scoled in meters and subject to final survey.
- Township Layout Sketch Plan. Only calculated survey drawing to be used for Engineering Design and Construction purposes.

FLOODWATER

It is hereby certified that in accordance with section 144 of the national water act (Act 36 of 1998) the township is not affected by a 1:100 year flooding.

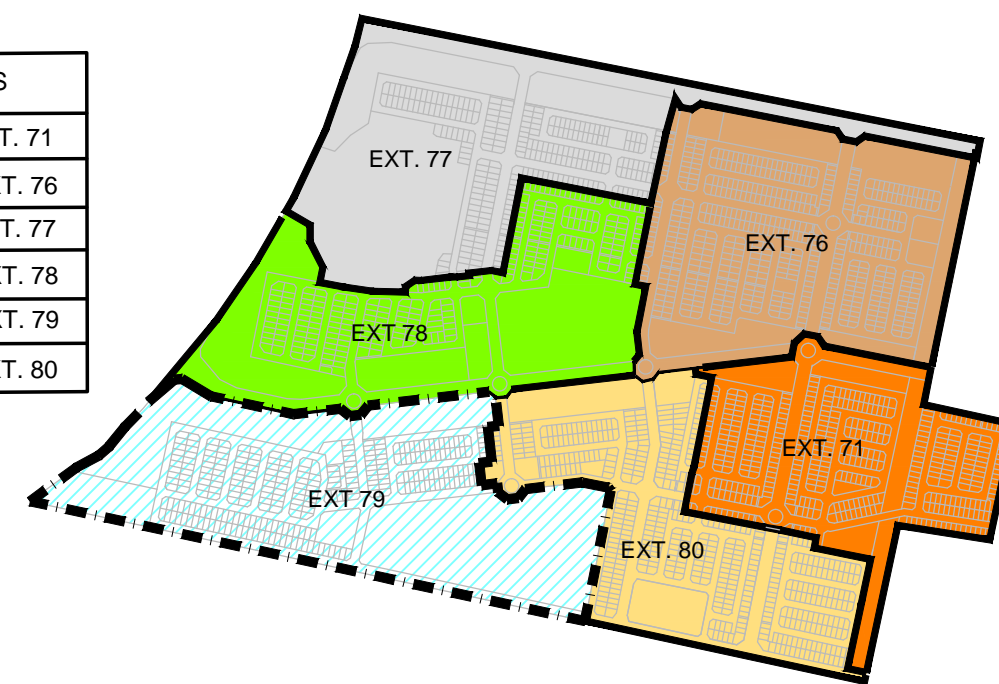
GEOTECHNICAL

It is hereby certified that the layout of the township complies with the recommendations and requirements set out in the geotechnical report no. IR1252 dated July 2014.

CLAYVILLE COMPILATION PLAN
PROPOSED EXTENSIONS

NOT TO SCALE

PHASES
EXT. 71
EXT. 76
EXT. 77
EXT. 78
EXT. 79
EXT. 80



PROJECT

PROPOSED TOWNSHIP

CLAYVILLE EXTENSION 79

SITUATED ON A PART OF PORTION 207 (A PORTION OF PORTION 183)
OF THE FARM OLIFANTSFONTEIN 410 JR

LOCAL AUTHORITY : EKURHULENI METROPOLITAN MUNICIPALITY

DISTRICT : KEMPTON PARK

GEODETICAL SYSTEM : WG27

LOCALITY

SCALE: 1:50 000

LAND USE TABLE

ZONING	LAND USE	ERF NUMBERS	No. OF STANDS& STREETS	AREA OF	% OF AREA
RESIDENTIAL 2	DWELLING HOUSES 9m x 20m = 180m²	1235-1273, 1283-1334	91	1,69	6,84
	DWELLING HOUSES 9,8m x 22m = 216m²	1951-1170, 1172-1234	183	4,23	17,13
RESIDENTIAL 4	DWELLING HOUSES, DWELLING UNITS, RESIDENTIAL BUILDINGS, PRIVATE ROADS 180 dwellings units per ha (0.18 units)	1050,1282	2	5,10	20,66
SOCIAL SERVICES	HOSPITALS, CLINICS, LIBRARIES, POLICE STATIONS, LAW COURTS, FIRE STATIONS, MUNICIPAL & GOVERNMENT OFFICES, INSTITUTIONS, PLACES OF PUBLIC WORSHIP, PLACES OF INSTRUCTION, CHILD CARE FACILITIES, SOCIAL HALLS, OLD AGE HOME	1171	1	0,45	1,82
PUBLIC SERVICES	PRODUCE MARKETS, ABATOIRS, GEMETERIES, WATER WORKS, RESERVOIRS, GAS WORKS, POWER/SUB STATIONS, MORTUARIES, SEWAGE DISPOSAL WORKS, WASTE DISPOSAL SITES, MUNICIPAL PURPOSES, POSTAL DEPOT, STORMWATER RETENTION AND ATTENUATION PONDS	1049	1	1,31	5,31
COMMUNITY FACILITY	PLACE OF EDUCATION	1434	1	7,26	29,40
PUBLIC OPEN SPACE	PARKS, GARDENS, BOTANICAL GARDENS, COSELOVATION AREAS, ART GALLERIES, SPORT AND RECREATION CLUBS, SOCIAL HALLS, OPEN SPACES, PLAY PARKS, SQUARES AND BUILDING USED IN CONNECTION HEREWITH, MUNICIPAL PURPOSES, SPORTS GROUNDS, SWIMMING POOLS, STORMWATER RETENTION AND ATTENUATION PONDS	2278 - 2280, 2282	4	0,17	0,69
STREETS	STREET/ROADS, PRIVATE ROADS, TOLL GATES, WEIGH BRIDGES, PARKING, CYCLE LANES, BUS LANES, MUNICIPAL SERVICES AND INFRASTRUCTURE			4,48	18,15
TOTAL			283	24,69	100%

GENERAL NOTES

THE FIGURE ABCDEFGHIJKLMNOPQRSTUVWXYZA'B'C'D'E'F'A
REPRESENTS OUTSIDE BOUNDARY OF THE
PROPOSED CLAYVILLE EXTENSION 79, BEING APPROXIMATELY 24,69ha IN EXTENT.

OUTSIDE BOUNDARY OF TOWNSHIP

LINE OF NO ACCESS

CADASTRAL BOUNDARY

GEOTECHNICAL NOTES:

TP22

2/3E(H/C-C1/S)

PRESUMED BOUNDARY OF SITE CLASS SUB-AREA

TRIAL HOLES POSITION AND NUMBER

PRELIMINARY NHBC SITE CLASS DESCRIPTION

REVISIONS

	D : DRAFT	C : CIRCULATED	A : APPROVED

CLIENT:

TOWN PLANNER: Nonfundo Sibanyoni

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SCALE: 1:2 500

DRAWING REF: Clay79Lay

D/2015.11.04

DRAWING STATUS: DRAFT

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