Proposal

COMBINED SERVICES
SCALE 1:3000

IF IN DOUBT ASK

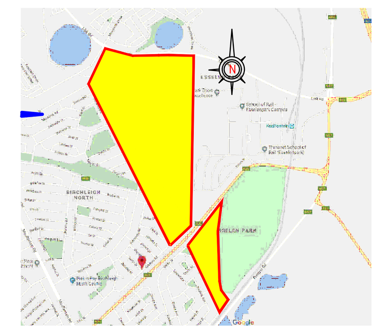
REV	DATE	REVISION DESCRIPTION	BY	CHKD
A	2018-09-25	ISSUED FOR PRELIMINARY REPORT	FG	LF
B	2018-11-16	ISSUED FOR DETAILED DESIGN	FG	LF

ASSOCIATED DWG No.	DRAWING DESCRIPTION

GENERAL NOTES
CITY OF EKURHULENI MUST BE NOTIFIED
1. BEFORE ANY CONSTRUCTION WORKS RELATED TO THE INSTALLATION OF WATER OR SEWER MAY BE COMMENCED. ALL CONSTRUCTION WORK SHALL COMPLY WITH THE RELEVANT SABS 1200 SPECIFICATION
2. ALL MATERIALS USED IN THE INSTALLING OF SEWER AND WATER MAIN SHALL COMPLY WITH THE RELEVANT SABS SPECIFICATION
3. AND THE MINIMUM REQUIREMENTS OF CITY OF EKURHULENI THE POSITION AND AND DEPTH OF ALL EXISTING SERVICES ON THE SITE AND OFF SITE WHERE AFFECTED BY THE WORKS
4. SHALL BE CONFIRMED PRIOR TO ANY CONSTRUCTION WORK ON THE INSTALLATION OF WATER AND SEWER MAINS BEING COMMENCED. CITY OF EKURHULENI SHALL BE NOTIFIED WHEN THERE IS A NEED TO CONNECT INTO EXISTING WATER AND SEWER
5. MANHOLES AND MAINS. NOTE THAT A MINIMUM OF 2 WEEKS NOTICE SHALL BE GIVEN TO CITY OF EKURHULENI STAFF TO ATTEND SITE INSPECTIONS, MEETINGS AND ANY OTHER NECESSARY ON SITE LIAISON.

PROJECT NOTES
SETTING OUT DIMENSIONS AND LEVELS TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION . ANY DISCREPANCIES TO
1. BE REPORTED TO THE ENGINEER. ALL SITE ACTIVITIES ARE TO COMPLY WITH THE REQUIREMENT OF THE OSH ACT. 1993 AND CONSTRUCTION REGULATIONS 2003.
2.ALL SITE ACTIVITIES ARE TO COMPLY WITH THE REQUIREMENT OF THE OSH ACT. 1993 AND CONSTRUCTION REGULATIONS 2003.

RELEVANT STANDARDS:
1. SABS 1200 A - GENERAL
2. SABS 1200 AA - GENERAL (SMALL WORKS)
3. SABS 1200 D - EARTHWORKS
4. SABS 1200 DA - EARTHWORKS (SMALL WORKS) 5. SABS 1200 DB - EARTHWORKS (PIPE TRENCHES) 6. SABS 1200 G - CONCRETE (STRUCTURAL)
7. SABS 1200 GA - CONCRETE (SMALL WORKS)
8. SABS 1200 LB - BEDDING (PIPES)
9. SABS 1200 LF - ERF CONNECTIONS
10. SABS 1200 LN - STEEL PIPE AND LININGS



LOCALITY PLAN

client

City of Ekurhuleni

engineers

LEBASH CONSORTIUM
11 WILLOWBROOK OFFICE PARK
VAN HOOF STREET
RUIMSIG, 1735
TEL: +27 11 958 0437
+27 11 958 0239
E-mail: : admin@lebasharchitects.co.za

project title

PROPOSED TOWNSHIP
BIRCHLEIGH NORTH EXTENSION 4

ISSUED FOR DETAILED

drawing title

COMBINED SERVICES LAYOUT

REF. NO.	N/A	designed	FG
scale	AS SHOWN	drawn	SC
date	NOVEMBER 2018	checked	LF
type number	DETAILED DESIGN	PAPER SIZE	A0
drawing number	18017/C/GL/101	REVISION	A

Alternative 1

KEY PLAN

LEGEND

- PROPOSED SEWER LINE
- PROPOSED SEWER MANHOLE
- 30m BUFFER LINE
- 50 YEAR FLOOD LINE
- 100 YEAR FLOOD LINE
- CONSTRUCTION BOUNDARY

TOTAL LENGTHS OF PIPING

MH Centre to MH Centre

Diameter (mm)	Length (m)
500mm uPVC Class 34	167.10
450mm uPVC Class 34	158.12
315mm uPVC Class 34	406.52
250mm uPVC Class 34	1 731.17
200mm uPVC Class 34	843.72
160mm uPVC Class 34	10 970.16
	Total : 14 229.79

SEWER LAYOUT

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