










JACKING CO-ORDINATE LIST SYSTEM WGS 84 Lo29				
Station	Y Coord	X Coord	Chainage	Invert (m)
START JACK	96033.91	2951450.30	4181.78	1422.598
END JACK	96016.43	2951443.06	4198.87	1422.513

LEGEND	
	TREE
	BEACON (BCN)
	PIER LOCATOR TEST POINT (P/L)
	METER NO.
	ELECTRIC POLE (EP)
	TELEPHONE POLE (TP)
	FENCE
	SURVEY STATION

- NOTES:
1. ALL PEGS ARE 12mm ROUND IRON PEGS ON CENTRE LINE OF PIPELINE.
 2. HORIZONTAL BENDS ARE SQUARE PEGS
 3. OVER HEAD ELECTRICAL PYLONS - BEWARE OF UNDERGROUND EARTH STRAPS AND CABLES BETWEEN PYLONS
 4. ENSURE ACCESS TO PROPERTIES ARE AVAILABLE WHERE DRIVEWAYS ARE AFFECTED
 5. FOR CONCRETE ENCASEMENT REFER TO CIVIL DRAWINGS
 6. ALL ATTEMPTS ARE UNDERTAKEN BY THE SURVEYOR TO LOCATE ALL AFFECTED SERVICES ABOVE AND BELOW GROUND. SURFACE. IF IT IS OF UTMOST IMPORTANCE THAT THE CONTRACTOR TAKE THE NECESSARY PRECAUTIONS WHEN EXCAVATING IN THE VICINITY OF SERVICES.

FOR TENDER

[illegible][illegible]



RAND WATER

Box 1127
Johannesburg
2000
Tel: 011 682 9911

© Rand Water All Rights Reserve

SAP No	P.03370	P.A.M.	A. NDUMALO
Contact No	RM 10377894/14	D.O.M.	C.TUMBARE
Designed	D.KATSY		
Drawn By	L.DAVIDS	Approved.....	Pr.Eng/TEch
Surveyed By	MABLE	Capacity.....	
Checked By	D.KATSY	Date.....	
Date	JULY 2019		

ZUIKERBOSCH TO MAPLETON
B16 2300mmØ STEEL PIPELINE
ZUIKERBOSCH TO SLANGFONTEIN PORTION
B16 2100mmØ STEEL PIPELINE
RIVER CROSSING AT ZUIKERBOSCHRAND RIVER

station			wko										doc type			s	
B	1	6	0	2	G	C	C							D	C	P	A

Scale: 1:100

RA 28366/11/10

Revision
 0