

















ZUIKERBOSCH SLUDGE BYPASS PIPELINE AND CROSS CONNECTION

DRAWING NO	DRAWING NAME / DESCRIPTION	LATEST VERSION	DWG SIZE	PROJECT STAGE		
				PRELIM	TENDER	CONSTR
	Pipelines and Civils					
RA 27786/04/1	DRAWING REGISTER	A	A1		✓	
R0 0000_001	Site Layout	A	A0		✓	
RA 27786/10/1	Sludge line (SL2) Cross Connection Longitudinal Section Ch0.00 - Ch749.168m	A	A1		✓	
R0 27786/16/1	General Arrangement of Cross Connection	A	A0		✓	
RA 27786/16/4	Pipe Plinth Anchor - General layout and details	A	A1		✓	
RA 27786/18/1	150mm Ø Air Valve	A	A1		✓	
	STANDARD DRAWINGS					
A5478	Standard Colour Code for Marking Steel Pipes	A	A1		✓	
A7249	Surface Reinstatement for Pipelines	A	A1		✓	
A7406	Standard Galvanised Cat Ladder Details Mounted	A	A1		✓	
A8879	Details of cast in frame for Valve Chambers sumps	A	A1		✓	
A9548	Insulation Flanges	A	A1		✓	
A9858	Details of Grab Rail Access Manhole	A	A1		✓	
A11791	Standard Flange Dimensions	A	A1		✓	
A12210	Typical valve Support Detail	A	A1		✓	
RA 26695/001	Steel Platform	A	A1		✓	
RA 26695/002	Steel Platform	A	A1		✓	
RA 26695/003	Steel Platform	A	A1		✓	
RA23557	Fabrication and Plain Ended Pipe Details	A	A1		✓	
RA26448	Typical Puddle Flange Details	A	A1		✓	
RA 26732	Typical Details of Tapers and Bends	A	A1		✓	
R027141	Details of Trench Excavations	A	A0		✓	
A4085	Surface Reinstatement for Pipelines	A	A1		✓	
11860	Details of Manhole Cover and Frame	A	A1		✓	

[illegible]


LEGEND

	AIR VALVE		TREE
	AIR VALVE WITH 600mm ACCESS MANHOLE		BEACON (BCN)
	ACCESS MANHOLE		PILE LOCATOR TEST POINT (PLT)
	INLINE SLUICE VALVE		METER
	INLINE BUTTERFLY VALVE		ELECTRIC POLE (EP)
	SCOUR VALVE		TELEPHONE POLE (TP)
	REFLUX VALVE		FENCE
	PIPE JACKING		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. IT IS OF UTMOST IMPORTANCE THAT THE CONTRACTOR TAKE THE NECESSARY PRECAUTIONS WHEN EXCAVATING IN THE VICINITY OF SERVICES.

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 RAND WATER		Box 1127 Johannesburg 2000 Tel 011 682 0911	
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SAP No	P.3743	P.A.M.	A. NUDMALO
Contract No		D.O.M.	C.TRUMBARE
Designed	A.SAMBO		
Drawn By	D.PATEL	ApprovedPr Eng/Tech
Surveyed By	B.N./N.M.	Reg No	
Checked By	S.LALA	Date	
Date	01 OCT 2001		

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DRAWING REGISTER

station		wks										doc type			is
Z	B	G	F	C								D	C	G	A
Scale: NTS															
RA 27786/04/1															
															 Revision