

NOTES

1. ALL FABRICATED PIPE SPECIALS TO BE FABRICATED FROM S355JR STEEL
2. ALL DIMENSIONS ARE FLANGED FACE TO FLANGE FACE, FLANGE FACE TO CENTRE LINE OR CENTRE LINE TO CENTRE LINE
3. FLANGES TO BE IN ACCORDANCE WITH RAND WATER DWG A11791
4. ALL FIELD JOINTS TO BE MADE GOOD IN ACCORDANCE WITH DWG RA 23557
5. SERVICES INTERRUPTION PROTOCOL TO BE FOLLOWED FOR ALL ISOLATION/TIE-INS
6. MUST BE ABLE TO DRAIN PIPE IN 2 HOURS MINIMUM AND 4 HOURS MAXIMUM
7. ALL CAST IN ITEMS TO BE SUPPLIED BY CONTRACTOR UNLESS OTHERWISE NOTED
8. CONFIGURATION OF CHAMBER POSITION AND PIPE LENGTHS TO BE CONFIRMED BEFORE CONSTRUCTION

REVISIONS

No	DATE	CHECKED	APPROVED	DESCRIPTION

REFERENCE DRAWINGS

NUMBER	TITLE
R027786/10/01	LONGITUDINAL SECTION



BOX 1127
JOHANNESBURG
2000
TEL: 011-682-0911

© RAND WATER 2004 All Rights Reserved

SAP No.		CHECKED BY	
CONTRACT No.		D.O.M. c. TUMBARE	
DESIGNED BY	D. KATSKY	APPROVED	Pr Eng
DRAWN BY	M. QOTYANA	REG. No.	
DATE	2018-12-14	DATE	

ZUIKERBOSCH PUMPING STATION
CROSS CONNECTION
SLUDGE-LINE
150mm AIR VALVE

STATION	WKS	DOC. TYPE	S
Z B	0 4 G F	D C P	A

SCALE : AS SHOWN

AIR VALVE CO-ORDINATES (WGS 29°)			
AV No.	CHAINAGE (m)	Y	X
AV 1	155.358	58778.911	2896395.117
AV 2	600	58776.120	2896395.340

SCHEDULE OF SPECIALS

ITEM No.	QUANTITY	GRADE	FLANGE TP (kPa)	DESCRIPTION	DIMENSION AND SYMBOL
1	2		1500	150mm COMBINATION AIR VALVE	
2	2		1500	150mm ø SLUICE GATE VALVE WITH HANDWHEEL	
3	2	S355JR	1500	150mm ø STUB, FLANGED BOTH ENDS t = 12.7mm	
4	2	S355JR	1500	BLANK FLANGE WITH OPENING TO SUIT 150mm STUB	
5	2	S355JR	1500	700x700x600mm REDUCING TEE, FLANGED t = 12.7mm	
NOTE: • CONFIRM DIMENSIONS ON SITE BEFORE MANUFACTURE.					

PLAN
SCALE 1:10

SECTION B-B
SCALE 1:10

SECTION A-A
SCALE 1:10