

RE-USE PIPE SCHEDULE				
ITEM NR	DESCRIPTION	STD	SCHEMATIC	QTY
C1	DN90 PE100 HDPE PIPE, PN16	SANS 4427		2
	FLANGE STUB BUTT WELD JOINED ON BOTH ENDS WITH 304 STAINLESS STEEL BACKING RING DRILLED TO SANS1123	SANS 1123		
C2	DN90, 90° ELBOW MADE WITH PE100 HDPE PIPE, PN16	SANS 4427		2
	FLANGE STUB BUTT WELD JOINED ON BOTH ENDS WITH 304 STAINLESS STEEL BACKING RING DRILLED TO SANS1123	SANS 1123		
C3	DN90 PE100 HDPE PIPE, PN16 WITH 90° ELBOW BUTT WELD JOINED	SANS 4427		1
	FLANGE STUB BUTT WELD JOINED ON ONE END WITH 304 STAINLESS STEEL BACKING RING DRILLED TO SANS1123	SANS 1123		
C4	DN90 PE100 HDPE PIPE, PN16 WITH 90° ELBOW BUTT WELD JOINED	SANS 4427		1
	FLANGE STUB BUTT WELD JOINED ON ONE END WITH 304 STAINLESS STEEL BACKING RING DRILLED TO SANS1123	SANS 1123		
C5	DN90 PE100 HDPE PIPE, PN16 WITH 90° ELBOW BUTT WELD JOINED	SANS 4427		1
	FLANGE STUB BUTT WELD JOINED ON ONE END WITH 304 STAINLESS STEEL BACKING RING DRILLED TO SANS1123	SANS 1123		
C6	DN90 PE100 HDPE PIPE, PN16 WITH 90° ELBOW BUTT WELD JOINED	SANS 4427		1
	FLANGE STUB BUTT WELD JOINED ON ONE END WITH 304 STAINLESS STEEL BACKING RING DRILLED TO SANS1123	SANS 1123		
C7	DN90 PE100 HDPE PIPE, PN16 WITH 90° ELBOW BUTT WELD JOINED	SANS 4427		1
	FLANGE STUB BUTT WELD JOINED ON ONE END WITH 304 STAINLESS STEEL BACKING RING DRILLED TO SANS1123	SANS 1123		
C8	DN90 PE100 HDPE PIPE, PN16 WITH 90° ELBOW BUTT WELD JOINED	SANS 4427		1
	FLANGE STUB BUTT WELD JOINED ON ONE END WITH 304 STAINLESS STEEL BACKING RING DRILLED TO SANS1123	SANS 1123		
C9	DN80, PN16, DUCTILE IRON BALL CHECK VALVE, FLANGE DRILLED TO SANS 1123/ EN 1092	EN 12050-4 SANS 1123/ EN 1092 SANS 664		2
	EPOXY COATED			
C10	DN80, PN16, DUCTILE IRON GATE VALVE WITH HAND WHEEL, FLANGE DRILLED TO SANS 1123/ EN 1092	SANS 664 SANS 1123/ EN 1092		2
	EPOXY COATED			

ITEM NR	DESCRIPTION	STD	SCHEMATIC	QTY
C11	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE WITH 90° LONG RADIUS ELBOW	ASTM 240 304 ASME B36.19		1
	EXTRA DN80, 304 STAINLESS STEEL SCHEDULE 10 PIPE WITH DIMENSION AS INDICATED	SANS 1123		
C12	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE SWEEP TEE	ASTM 240 304 ASME B36.19		1
	EXTRA DN80, 304 STAINLESS STEEL SCHEDULE 10 PIPE WITH DIMENSION AS INDICATED	SANS 1123		
C13	DN80, 304 STAINLESS STEEL SCHEDULE 10S PIPE WITH 90° LONG RADIUS ELBOW	ASTM 240 304 ASME B36.19		1
	EXTRA DN80, 304 STAINLESS STEEL SCHEDULE 10 PIPE WITH DIMENSION AS INDICATED	SANS 1123		

NOTES:

LOCAL MUNICIPALITY: MAP

SPONSOR & REGULATOR: DWS

ISSUED FOR TENDER

0

50

100 MILLIMETRES ON ORIGINAL DRAWING

A

BEFORE CONTRACT COMMENCES

A

AFTER CONSTRUCTION CONTRACT HAS COMMENCED

Nr.

DATE

AMENDMENTS

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CLIENT / IMPLEMENTING AGENT

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PROJECT

TSHIAME WWTW REFURBISHMENT

DRAWING DESCRIPTION

RE-USE PIPEWORK

DRAWING NO.

10909001-6012-02

REVISION

T1

DESIGNED:	AK	CHECKED:	AK
DRAWN:	AK	SCALE:	AS SHOWN
APPROVED:	AK	INCEPTION DATE:	SEPT24
FILE PATH:	SHAREPOINT / BLOEMFONTEIN - 10909001 TSHIAME WWTW / 04 DOC PROC / 04 DRAW		

VIRTUAL CONSULTING ENGINEERS

ISSUED FOR TENDER