

ITEM No.	ITEM	DESCRIPTION	MATERIAL	NUMBER OF ITEMS	CORROSION PROTECTION	
					INT.	EXT.
T01		500Ø FLANGED BELLMOUTH WITH PUDDLE FLANGE	MS	1	L - FBE	C - FBE
T02		500Ø EXPANSION JOINT COUPLING	MS	2	L - FBE	C - FBE
T03		500Ø PIPE, FLANGED BOTH ENDS	MS	12	L - FBE	C - FBE
T04		500Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
T05		500Ø LONG RADIUS FLANGED JIS B 2311-09 BEND WITH DUCKFOOT	MS	1	L - FBE	C - FBE
T06		500Ø PIPE, FLANGED BOTH ENDS	MS	4	L - FBE	C - FBE
T07		500Ø x 90° LONG RADIUS JIS B 2311-09 BEND ONE END FLANGED OTHER END PLAIN	MS	1	L - FBE	C - FBE
T08		500Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
T09		500Ø PIPE, FLANGED BOTH ENDS WITH PUDDLE FLANGE	MS	1	L - FBE	C - FBE
T10		500Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
T11		500Ø LONG RADIUS FLANGED JIS B 2311-09 BEND ONE END EXTENDED WITH DUCKFOOT	MS	1	L - FBE	C - FBE
T12		150Ø FLANGED BELLMOUTH WITH PUDDLE FLANGE	MS	1	L - FBE	C - FBE
T13		150Ø PIPE, FLANGED BOTH ENDS	MS	4	L - FBE	C - FBE
T15		150Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE

ITEM No.	ITEM	DESCRIPTION	MATERIAL	NUMBER OF ITEMS	CORROSION PROTECTION	
					INT.	EXT.
T16		1500Ø LONG RADIUS FLANGED JIS B 2311-09 BEND WITH DUCKFOOT	MS	1	L - FBE	C - FBE
T17		1500Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
T18		1500Ø LONG RADIUS FLANGED JIS B 2311-09 BEND	MS	1	L - FBE	C - FBE
T19		450Ø FLANGED BELLMOUTH WITH PUDDLE FLANGE	MS	1	L - FBE	C - FBE
T20		450Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
T21		450Ø PIPE, FLANGED BOTH ENDS WITH PUDDLE FLANGE	MS	1	L - FBE	C - FBE
T22		450Ø EXPANSION JOINT COUPLING	MS	1	L - FBE	C - FBE
T23		450Ø PIPE, FLANGED BOTH ENDS	MS	5	L - FBE	C - FBE
T24		450Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
T25		450Ø LONG RADIUS FLANGED JIS B 2311-09 BEND ONE END EXTENDED WITH DUCKFOOT	MS	1	L - FBE	C - FBE
T26		450Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
T27		450Ø TO 150Ø FLANGED JIS B 2311-09 TEE	MS	1	L - FBE	C - FBE
T28		450Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE

CORROSION PROTECTION CODES

FACTORY APPLICATION		
L - G	LINING	GALVANIZING
C - G	COATING	GALVANIZING
L - SFEP	LINING	SOLVENT-FREE EPOXY PAINT (SANS 1217-TYPE 1B MATERIAL)
C - SFEP	COATING	SOLVENT-FREE EPOXY PAINT (SANS 1217-TYPE 1B MATERIAL)
L - FBE	LINING	FUSHION BONDED EPOXY (SANS 1217-TYPE 2A MATERIAL)
C - FBE	COATING	FUSHION BONDED EPOXY (SANS 1217-TYPE 2A MATERIAL)
L - CM	LINING	CEMENT/MORTAR

ON SITE APPLICATION, AFTER INSTALLATION

S - PE	POLYURETHANE EXTERNAL COATING (SANS 1217-TYPE 1C MATERIAL) (NO ENAMEL PAINT TO BE APPLIED ON PIPEWORK BURIED OR SUBMERGED IN WATER - ONLY ON EXPOSED PIPEWORK)
S - TW	ALL UNDERGROUND BOLTED FLEXIBLE AND FLANGED COUPLINGS MUST BE PROTECTED WITH PETROLEUM MASTIC AND TAPE WRAPPING. ALL UNDERGROUND STEEL PIPES TO BE COATED WITH DENSO PRIMER D AND WRAPPED WITH DENSOCALD 70 TAPE

MATERIAL LIST

SS304L	: STAINLESS STEEL GRADE 304L
MS	: MILD STEEL GRADE 300W
GMS	: HOT-DIPPED GALVANIZED MILD STEEL

NOTE: FLANGED TO SABS 1123 TABLE 1600/3  
\* DIMENSION INDICATIVE. TO BE CONFIRMED ON SITE

FOR TENDER ONLY

CONSULTING ENGINEERS:	DESIGNED	P. S. Botha	05/08/2024
TRI-M CONSULTING ENGINEERS	DRAWN	J. Nel	05/08/2024
WEWORK	CHECKED	P. S. BOTHA	05/08/2024
155 WEST STREET	APPROVED BY:		
SANDTON, JOHANNESBURG	P. S. Botha	SIGNATURE	DATE
	ECSA REG. No.		
	CHECKED		
		SIGNATURE	DATE



PHYSICAL ADDRESSES:  
65 NTEMI PILISO STREET  
NEWTOWN  
JOHANNESBURG

TEL: (011) 688-1400  
FAX: (011) 688-1529

Turffontein Corridors of Freedom  
Water Upgrade  
Foresthill Tower and Pump Station

PIPE SCHEDULE (1)  
PIPE WORK TO TOWER

SURVEY INFORMATION		APPROVAL BY JW DEPOT		SCALE	AMENDMENTS	
PROJECT SURVEYOR:		CHECKED		1:75	REV:	DESCRIPTION
DATE:		APPROVED BY:		0	TENDER PURPOSES	DATE:
		SIGNATURE	DATE			
CCTV INFORMATION		APPROVAL BY JW PLANNING				
CCTV COMPANY:		CHECKED				
DATE:		APPROVED BY:				
		SIGNATURE	DATE			

JW14402	W05	0
CONTRACT NUMBER	DRAWING No.	REV.
A1	1	1
SHEET	OF	
ORIGINAL PAGE SIZE	FILE No.	