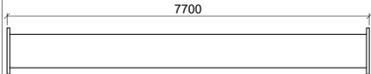
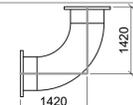
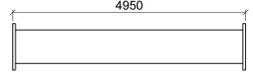
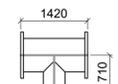
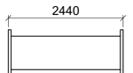
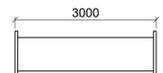
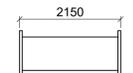
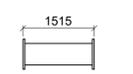
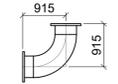
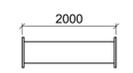
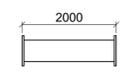
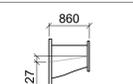
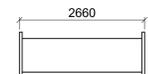
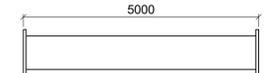
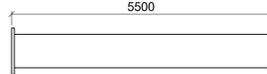
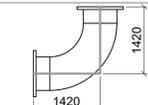
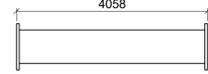
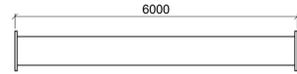
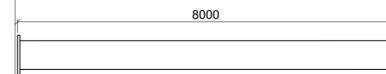
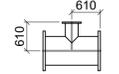


ITEM No.	ITEM	DESCRIPTION	MATERIAL	NUMBER OF ITEMS	CORROSION PROTECTION	
					INT.	EXT.
1.1		700Ø FLANGE WELDED SKEW ONTO EXISTING PIPE	MS	1	L - FBE	C - FBE
1.2		700Ø PIPE, FLANGED BOTH ENDS ONE SIDE WELDED SKEW TO MATCH DIRECTION OF EXISTING PIPE	MS	1	L - FBE	C - FBE
1.3		700Ø PIPE, FLANGED BOTH ENDS	MS	4	L - FBE	C - FBE
S01		700Ø LONG RADIUS FLANGED JIS B 2311-09 BEND	MS	1	L - FBE	C - FBE
2.1		700Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
2.2		700Ø TO 450Ø FLANGED JIS B 2311-09 TEE	MS	4	L - FBE	C - FBE
2.3		700Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
2.5		700Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
2.6		700Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
2.7		450Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
2.8		450Ø LONG RADIUS FLANGED JIS B 2311-09 BEND	MS	1	L - FBE	C - FBE
2.9		450Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
2.11		450Ø PIPE, FLANGED BOTH ENDS	MS	4	L - FBE	C - FBE
2.12		700Ø TO 450Ø ECCENTRIC FLANGED JIS B 2311-09 LONG REDUCER	MS	1	L - FBE	C - FBE

ITEM No.	ITEM	DESCRIPTION	MATERIAL	NUMBER OF ITEMS	CORROSION PROTECTION	
					INT.	EXT.
2.13		450Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
2.14		700Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
2.15		700Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
S02		700Ø LONG RADIUS FLANGED JIS B 2311-09 BEND	MS	1	L - FBE	C - FBE
3.1		700Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
3.2		700Ø PIPE, FLANGED BOTH ENDS WITH PUDDLE FLANGE	MS	1	L - FBE	C - FBE
3.3		700Ø TO 600Ø ECCENTRIC FLANGED JIS B 2311-09 REDUCER	MS	1	L - FBE	C - FBE
3.4		600Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
3.6		600Ø PIPE, FLANGED BOTH ENDS	MS	1	L - FBE	C - FBE
3.7		600Ø PIPE, FLANGED BOTH ENDS WITH PUDDLE FLANGE	MS	1	L - FBE	C - FBE
3.8		600Ø PIPE, FLANGED BOTH ENDS	MS	2	L - FBE	C - FBE
3.9		600Ø SHORT RADIUS FLANGED JIS B 2311-09 BEND	MS	2	L - FBE	C - FBE
3.10		600Ø TO 250Ø FLANGED JIS B 2311-09 TEE	MS	1	L - FBE	C - FBE
3.11		250Ø 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	FUSION BONDED EPOXY (SANS 1217-TYPE 2A MATERIAL)
C - FBE	COATING	FUSION 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 DENSOCLAD 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

SITE WORKS PART A  
PIPE SCHEDULE (3)

SURVEY INFORMATION		APPROVAL BY JW DEPOT		SCALE	AMENDMENTS	
PROJECT SURVEYOR:		CHECKED		1: 50: 1: 25	REV:	DESCRIPTION
DATE:		APPROVED BY:		0		TENDER PURPOSES
		SIGNATURE	DATE			05/08/2024
CCTV INFORMATION		APPROVAL BY JW PLANNING				
CCTV COMPANY:		CHECKED				
DATE:		APPROVED BY:				
		SIGNATURE	DATE			

JW14402	W07	0
CONTRACT NUMBER	DRAWING No.	REV.
A1	1	1
SHEET	OF	
ORIGINAL PAGE SIZE	FILE No.	