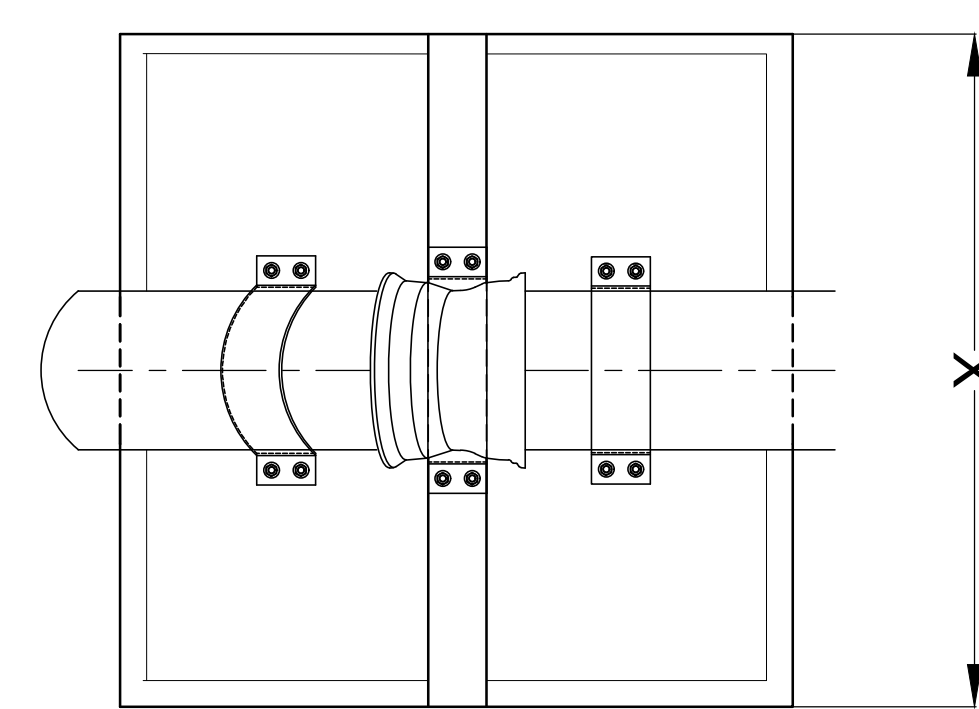
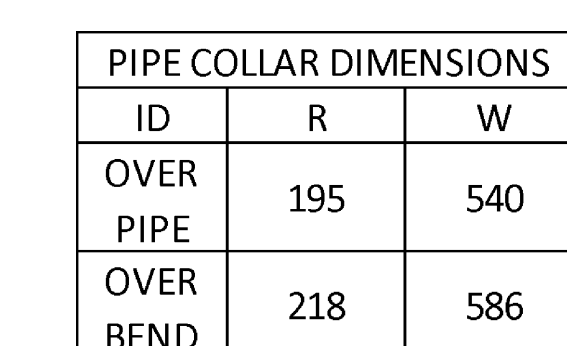




POINT NO.	PIPE SIZE (mm)	BEND ANGLE (degrees)	FITTING ANGLE or TYPE	BEND PLANE	MAX TEST PRESSURE (m)	APPROX. SOIL BEARING CAPACITY (kPa)	MIN. Z (mm)	MIN. D (mm)	MIN. X (mm)	MIN. Y (mm)	MIN. BEARING AREA (m²)	APPROX VOLUME OF CONCRETE (m³)
N1	350	11.25	11.25	H	60	200	100	650	550	650	0.36	0.14
N2	300	22.5	22.5	H	135	250	150	600	450	650	0.27	0.12
N3	250	45	45	H	190	300	300	550	1100	1100	0.61	0.42
N4	300	90	90	H	250	250	550	600	2400	1200	1.44	1.06
N5	350		350x100 Tee		240	175	550	650	1300	650	0.85	0.39
N6	300		300 Equal Tee		190	200	550	600	1600	800	0.96	0.52
N7	250		250mm RSV		120	200	-	550	1100	550	0.61	0.33
N8	350		350x250 Reducer		75	250	-	650	1300	650	0.85	0.55
N9	250	22.5	22.5	V downturn	90	150	-	900	900	900	-	0.73
N10	300	45	45	V upturn	90	200	300	600	600	600	0.36	0.16



VERTICAL DOWNTURN BEND



PIPE COLLAR DETAIL



GENERAL DETAILS

1. THRUST BLOCK DIMENSIONS TO BE SPECIFIED BY THE ENGINEER IN ACCORDANCE WITH CIRIA REPORT 128, 1994 WITH THE MAIN BEARING FACE 'X' PERPENDICULAR TO THE CENTRE OF THE FITTING TO BE RESTRAINED.
2. THRUST BLOCKS DESIGNED FOR MAXIMUM TEST PRESSURE AT POINT ONLY.
3. CONCRETE COVER TO REINFORCING TO BE 50 mm.
4. UNLESS STATED OTHERWISE, ALL DIMENSIONS ARE TO BE IN MILLIMETRES.
5. ALL THRUST BLOCKS TO BE CAST AGAINST UNDISTURBED EXCAVATION.

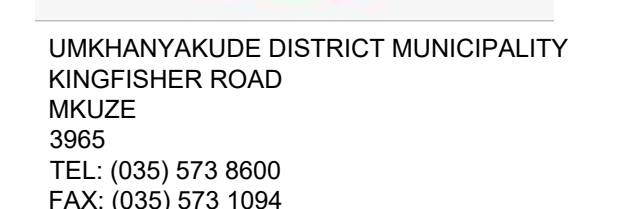
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[illegible]

FOR TENDER

CLIENT



CONSULTING ENGINEERS



2 NCONDO PLACE
RIDGESIDE DRIVE
UMHLANGA RIDGE
DURBAN
4320
TEL: 031 101 3217

PROJECT

KWAJOBÉ COMMUNITY WATER
SUPPLY SCHEME: PHASE 1

	DRAWING TITLE
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TYPICAL THRUST BLOCK DETAIL

	SIGNATURE FOR FLUX/SOM	DATE	PR.No.	SHEET SIZE A1
DESIGNED	B.S	SEP 2025		
DRAWN	B.S	SEP 2025		SCALE
CHECKED	N.N	SEP 2025		AS SHOWN
APPROVED	N.N	SEP 2025		DWG STATUS P
CO-ORDINATOR				P = PRELIMINARY C = CONSTRUCTION

FLUX/S.D.M. DRAWING NUMBER

UKDM/STD/404

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