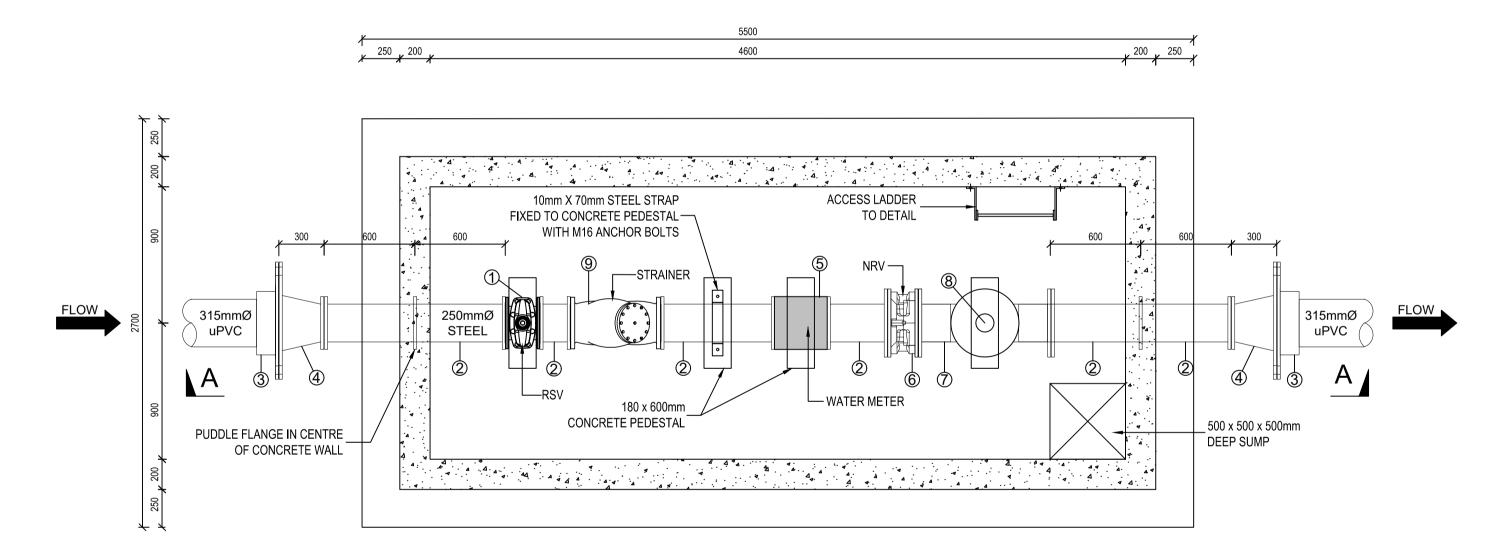
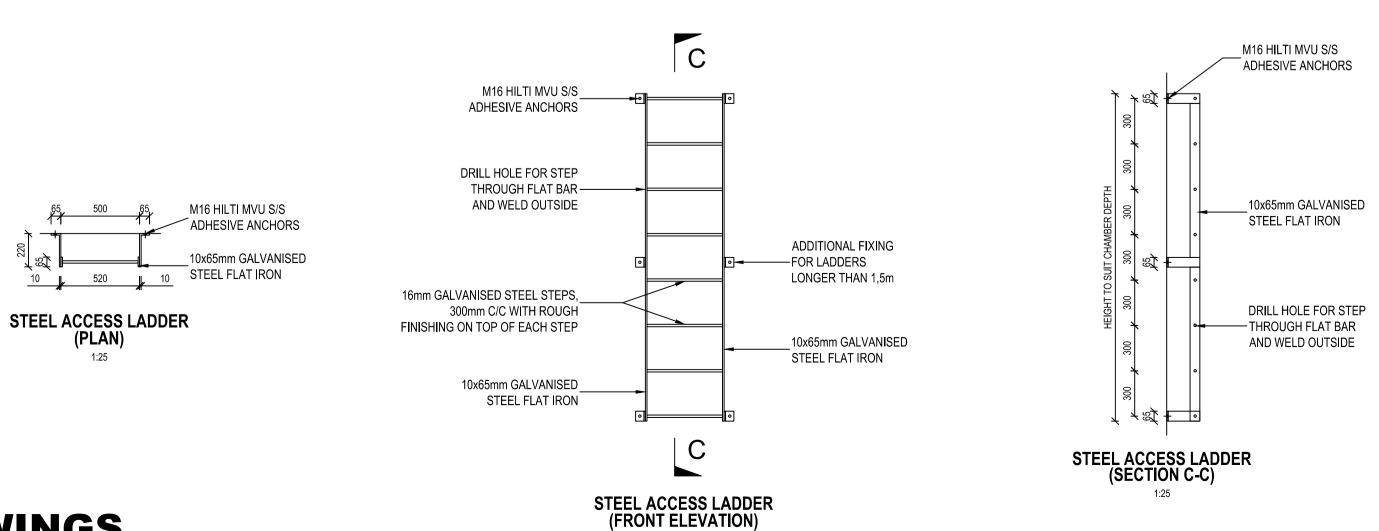


SECTION A-A



PLAN VIEW



PIPE NOTES

- 1. ALL STEEL PIPES & FITTINGS 150 NB AND SMALLER TO BE MEDIUM DUTY TO SABS 62 UNLESS OTHERWISE SPECIFIED.
- 2. ALL WELDED FITTINGS & FLANGES TO BE DOCUMENTED AS PER SPECIFICATIONS & WELDERS MUST BE QUALIFIED TO WQR ALL. WELDS MUST BE 100% VISUALLY INSPECTED INSIDE & OUT AND 10% DYE PENETRANT INSPECTED BEFORE GALVANISING.
- 3. ALL WELDING SHALL CONFORM TO SABS 0167-1984 AND SANS 044 SPECIFICATIONS.
- 4. ALL FLANGES TO BE MANUFACTURED & DRILLED TO SANS 1123 AS PER SCHEDULE.
- 5. ALL THREADS TO BE BRITISH STANDARD PIPE (BSP) THREADS.
- 6. ALL STEEL PIPES & FITTINGS 150 NB AND SMALLER TO BE HOT GALVANISED TO SANS EN 10240: 1997 WITH AN AVERAGE THICKNESS OF 70 MICRONS UNLESS OTHERWISE SPECIFIED OR BULK OF PIPEWORK IN CHAMBER OR SIMILAR IS EPOXY COATED AS PER ITEM 8.
- 7. ALL STEEL PIPES CAST IN, REGARDLESS OF DIAMETER, SHALL BE HOT DIP GALVANISED AND EPOXY COATED AND LINED.
- 8. ALL STEEL COMPONENTS, BOLTS, NUTS & WASHERS TO BE HOT DIP GALVANISED TO SANS 121:2000/ISO 1461 : 2000
- 9. ALL DIMENSIONS IN MILLIMETRES.
 ALL PIPEWORKS & FITTINGS TO BE MEASURED
 & CHECKED ON SITE PRIOR TO INSTALLATION
- 10. ALL BURIED FITTINGS AND PIPES TO BE WRAPPED IN "DENSO MASTIC BLANKET" TAPE. TO MANUFACTURERS SPECIFICATIONS
- 11. 2 STRIPS OF NEOPRENE 25 TO BE PLACED BETWEEN THE PIPEWORK AND SUPPORTS.
- 12. 50mm HDPE DRAINAGE PIPE TO DAYLIGHT TO BE PROVIDED WHERE TOPOGRAPHY PERMITS AND AS INSTRUCTED BY ENGINEER

LABELS

- ME MACHINED ENDS FL - FLANGE
- PE PLAIN ENDED
- PF PUDDLE FLANGE TE - THREADED ENDS

	ITEM NAME	SKETCH OF FITTING	DESCRIPTION	NO. OFF
1	RSV	FL	RESILIENT SEAL VALVE	1
2	250Ø FLANGED PIPE	FL	FLANGED PIPE LENGTH TO FIT	2
3	FLANGED ADAPTOR	FL	AS REQUIRED	2
4	FLANGED REDUCER	FL	FLANGED REDUCER	2
⑤	METER		H4000 WATER METER OR SIMILAR APPROVED	1
6	NRV	FL	TILTING DISK NON RETURN VALVE 'AMRI' (OR SIMILAR APPROVED)	1
7	EQUAL TEE	FL	FLANGED EQUAL TEE	1
8	RISER	AR VALVE BALL VALVE FISSER	RBXb AIR VALVE ASSEMBLY	1
9	STRAINER	FL	FLANGED STRAINER	1

NB - PIPEWORK ARRANGEMENT INDICATIVE ONLY, POSITION & SIZE OF FITTINGS TO BE CONFIRMED BY THE CONTRACTOR FOR EVERY INSTALLATION & APPROVED BY THE ENGINEER.

-		
NOTES:		
SURVEY DATUM:		

VERSION / AMENDMENTS							
ю.	DATE	AUTH. BY					
С	JULY 2025	TENDER DRAWINGS	Y GROBBELAAR				
			J				

O.R TAMBO DISTRICT MUNICIPALITY
PRIVATE BAG X6043
O.R TAMBO HOUSE
NELSON MANDELA DRIVE
MYEZO PARK
MTHATHA
5099



PROJECT TITLE:

MTHATHA CENTRAL CORRIDOR WATER SUPPLY - PHASE 1

DRAWING TITLE:

BULK WATER METER DETAIL (315mm uPVC)



48 FLAMINGO DRIVE SOUTHERNWOOD MTHATHA, 5099 TEL: +27 (0) 47 531 0424 FAX: +27 (0) 47 531 0409 EMAIL: INFO@BMENGINEERS.CO.ZA

Q	0 50								100	
			100mm C	ON ORIG	SINAL D	RAWING	3		***********	
ORI	GINAL DR LE:	RAWING AS SHOWN		ORIGINAL DRAWING SHEET SIZE:		A1		_		
SUF	RVEYED				DESIG	SNED				_
DRA	WN	L MBALO		CHEC	KED	Y GROBBELA		LAAR	_	
DAT	E	JULY 2	2025		COOR SYSTE					

APPROVED ON BEHALF OF BM INFRASTRUCTURE DEVELOPMENT:

P2023_11_D-422

APPROVED ON BEHALF OF CLIENT:

NAME: DATE:

DATE:

CLIENT DRAWING No.:

CLIENT REF No:

P2023_11_D-422

TENDER DRAWINGS