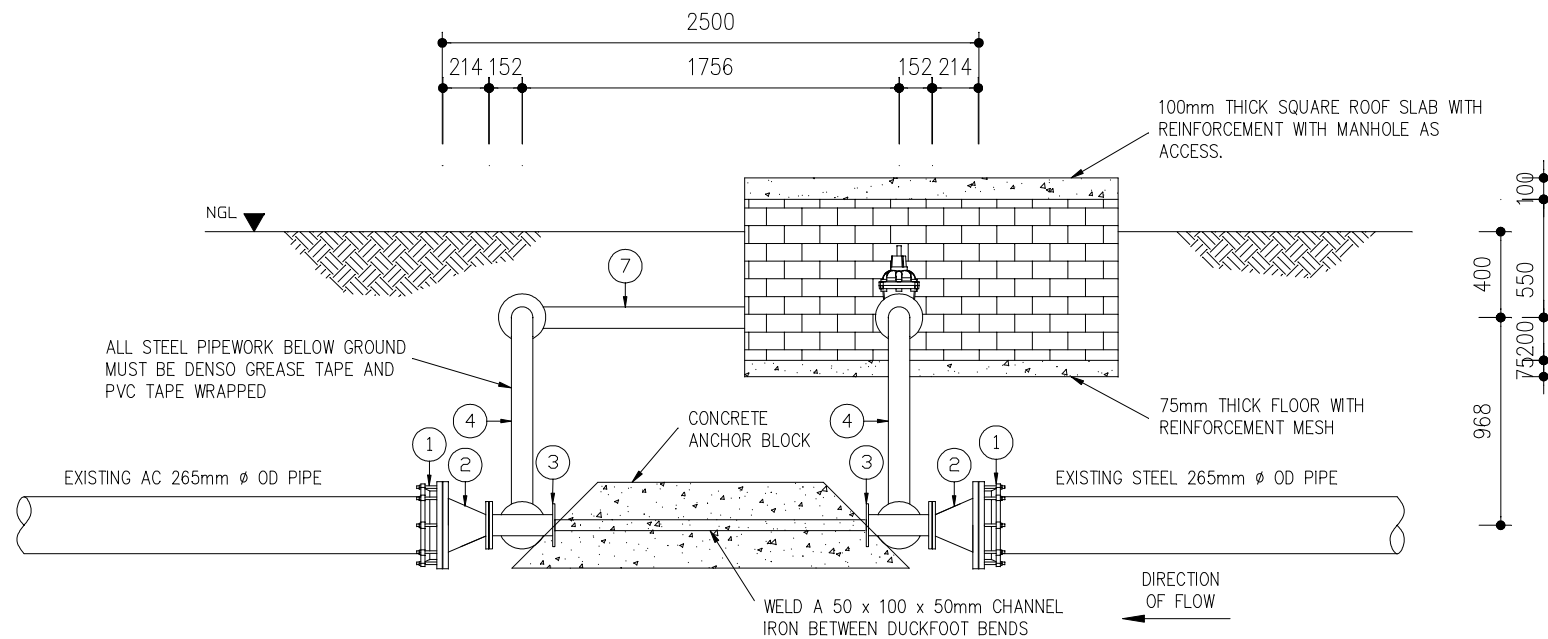
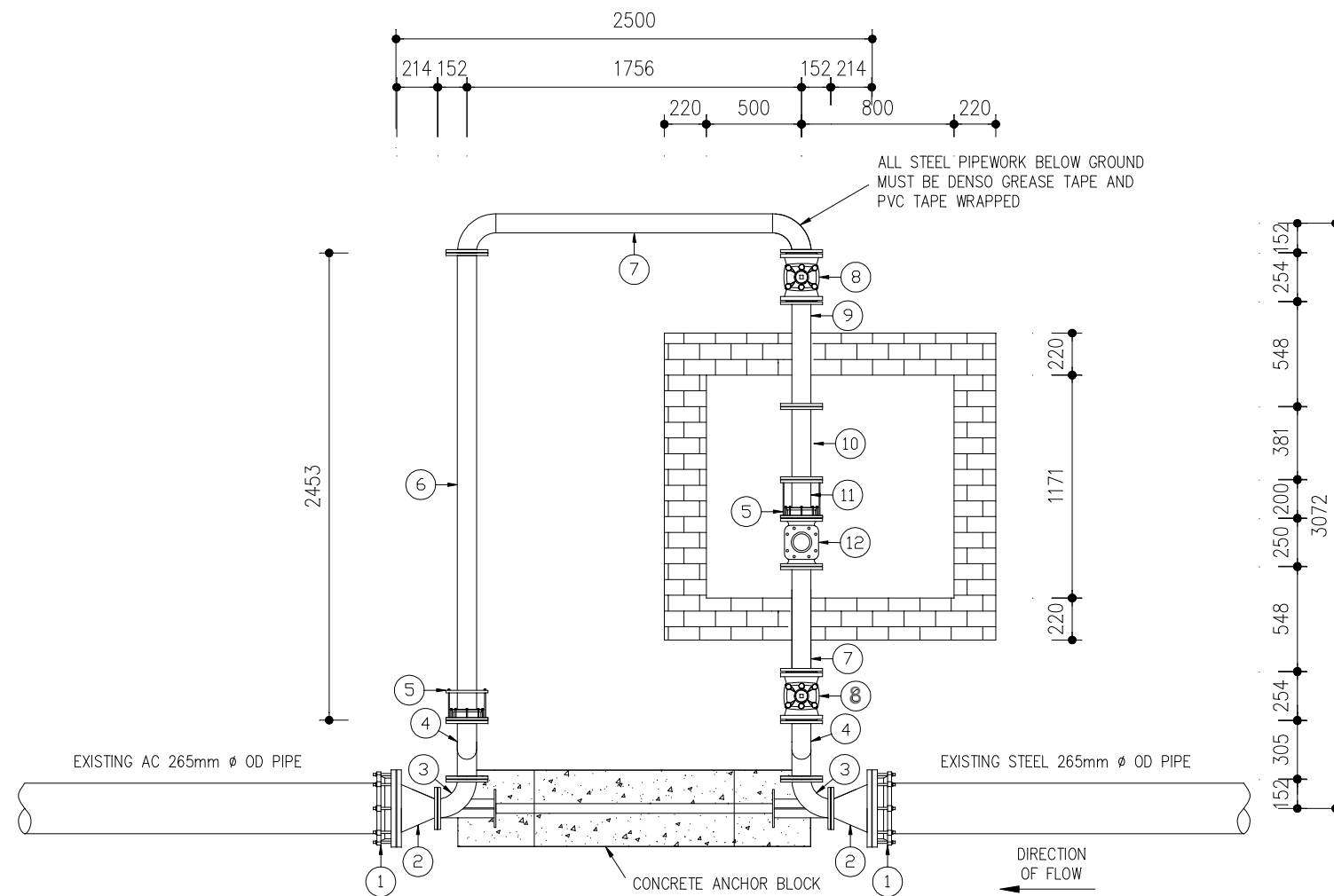


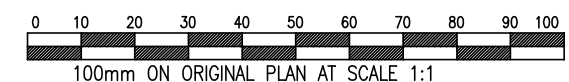


SECTIONAL ELEVATION
SCALE 1:25



SECTIONAL PLAN
SCALE 1:25

**TYPICAL LAYOUT
DRAWING**



STEEL PIPE FITTINGS AND ITEM LIST			
ITEM NR.	DESCRIPTION	NO. OFF	DIMENSIONS
①	250ø FLANGED ADAPTOR TO FIT 265ø OUTSIDE DIAMETER AC AND STEEL PIPE, FLANGED TO SABS 1123 TABLE 16.	2	
②	250ø X 100ø WELDING REDUCER, BOTH ENDS FLANGED TO SABS 1123 TABLE 16.	2	
③	100ø DUCKFOOT BEND, BOTH ENDS FLANGED TO SABS 1123 TABLE 16.	2	
④	100ø S-BEND WITH 90 LONG DEGREE ELBOWS, FLANGED ON BOTH ENDS TO SABS 1123 TABLE 16.	2	
⑤	100ø DISMANTLING JOINT, FLANGED TO SABS 1123 TABLE 16.	2	
⑥	100ø STEEL STRAIGHT, FLANGED ON ONE END AND OTHER END A PUDDLE FLANGE FOR DISMANTLING JOINT. FLANGES TO SABS 1123 TABLE 16.	1	
⑦	100ø U-BEND WITH 90 DEGREE LONG ELBOWS, FLANGED ON BOTH ENDS TO SABS 1123 TABLE 16.	1	
⑧	100ø GATE VALVE, (PN16) ANTI-CLOCKWISE CLOSING. ENDS FLANGED TO SABS 1123 TABLE 16.	2	
⑨	100ø STEEL STRAIGHT, BOTH ENDS FLANGED TO SABS 1123 TABLE 16.	2	
⑩	100ø STEEL STRAIGHT, BOTH ENDS FLANGED TO SABS 1123 TABLE 16.	1	
⑪	100ø STEEL STRAIGHT, ONE END FLANGED TO SABS 1123 TABLE 16.	1	
⑫	100ø SENSUS MEISTREAM WATER METER, PN16. BOTH ENDS FLANGED.	1	

NOTES

1. GENERAL

- 1.1 ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SABS REQUIREMENTS
- 1.2 ALL DIMENSIONS ARE IN MILLIMETERS (UNLESS OTHERWISE SPECIFIED)
- 1.3 DO NOT SCALE FROM THESE DRAWINGS
- 1.4 ALL DIMENSIONS MUST BE CHECKED AND APPROVED ON SITE
- 1.5 ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, THIRD EDITION 2005
- 1.6 THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH THE STANDARD DRAWINGS (IF APPLICABLE)
- 1.7 THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE STANDARD SPECIFICATIONS FOR MUNICIPAL CIVIL ENGINEERING WORKS, SERIES 4
- 1.8 THE SIGNATURE OR INITIALS ON THIS DRAWING, OF ANY DIRECTOR OF THE PUBLIC WORKS AND INFRASTRUCTURE DEVELOPMENT DEPARTMENT, IN NO WAY REMOVES ANY RESPONSIBILITY WHATSOEVER FROM THE CONSULTANT
- 1.9 THE CONSULTANT REMAINS RESPONSIBLE TO ENSURE THAT ALL THE GUIDELINES, STANDARD DRAWINGS, STANDARDS AND SPECIFICATIONS OF THE PUBLIC WORKS AND INFRASTRUCTURE DEVELOPMENT DEPARTMENT HAVE BEEN MET AND ARE COMPLIED WITH
- 1.10 FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE

2. PIPework

- 2.1 ALL FITTINGS TO BE MANUFACTURED FROM MALLEABLE CAST IRON
- 2.2 DIMENSIONS AND DESIGN TO CONFORM TO SABS 509:1975 AND BS 143:1986
- 2.3 BANGED FITTINGS TO BE TO BS 143:1986 and SABS 509:1975 STANDARD
- 2.4 ALL FITTINGS SCREWED TO ISO R7 - BS 21
- 2.5 FITTINGS AND PIPES IN CONTACT WITH SOIL SHALL BE ADDITIONALLY PROTECTED WITH THE CORRECT DENSO SYSTEM
- 2.6 ALL FLANGES DRILLED TO SABS 1123 TABLE 1600/3
- 2.7 ALL VALVES AND FITTINGS PN16
- 2.8 ALL NUTS AND BOLTS TO BE CADMIUM COATED
- 2.9 DIMENSIONS OF FABRICATED FITTINGS ARE BASED ON BUTT-WELD STANDARDS, IE: TEES, BENDS, REDUCERS AND WELD-NECK FLANGES
- 2.10 BEFORE THE EXISTING PIPE IS CUT INTO - THE EXPOSED PIPE SHOULD TEMPORARILY BE SUPPORTED
- 2.11 THE NEWLY INSTALLED PIPEWORK SHOULD BE TEMPORARILY SUPPORTED BEFORE THE PLINTHS ARE CONSTRUCTED

01	22/02	CHANGES TO DESIGN DRAWINGS	DM	WAW
00	05/10	DESIGN DRAWINGS	BA	WAW
NO	DATE	DETAILS	CHD	APD
		Revisions		

CLIENT **TRANSNET**



PROJECT CONSULTANT

CONSULTANT SIGNATURE

DRAWN PdS CHECKED WAW DESIGNED DM

PROJECT

DESCRIPTION

**BELOW GROUND TYPICAL
CHECK METER
INSTALLATION**

SCALE AS SHOWN SHEET SIZE A2 DATE FEBRUARY 2024
WORK ORDER No Dwg. No REV

TP/DWG.01