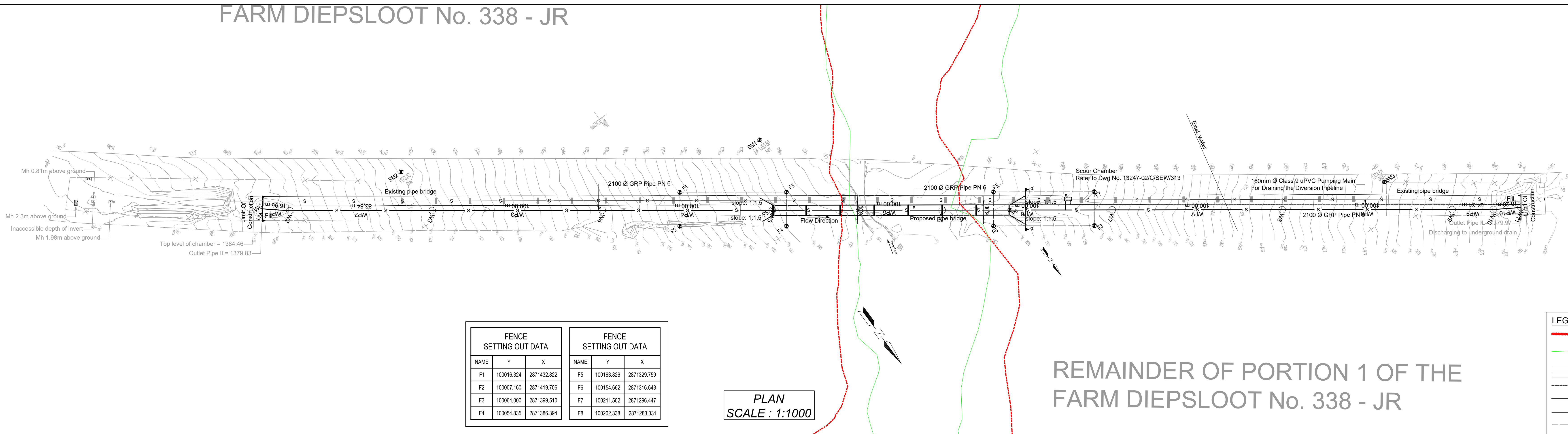


FARM DIEPSLOOT No. 338 - JR



BENCHMARKS			
POINT	Y	X	Z
BM1	100070.285	2871435.919	1355.800
BM2	99886.664	2871541.450	1373.830
BM3	100357.184	2871204.801	1374.580

LEGEND	
	100 Year Floodline
	Wetlands
	Existing Sewer Pipe Bridge
	Proposed 1600 uPVC Pumping Main
	Proposed Sewer Diversion
	Gabions
	Boundary Wall

REMAINDER OF PORTION 1 OF THE
FARM DIEPSLOOT No. 338 - JR

FENCE SETTING OUT DATA		
NAME	Y	X
F1	100016.324	2871432.822
F2	100007.160	2871419.706
F3	100004.000	2871399.510
F4	100054.835	2871386.394

FENCE SETTING OUT DATA		
NAME	Y	X
F5	100163.828	2871329.758
F6	100154.662	2871316.643
F7	100211.502	2871296.447
F8	100202.338	2871283.331

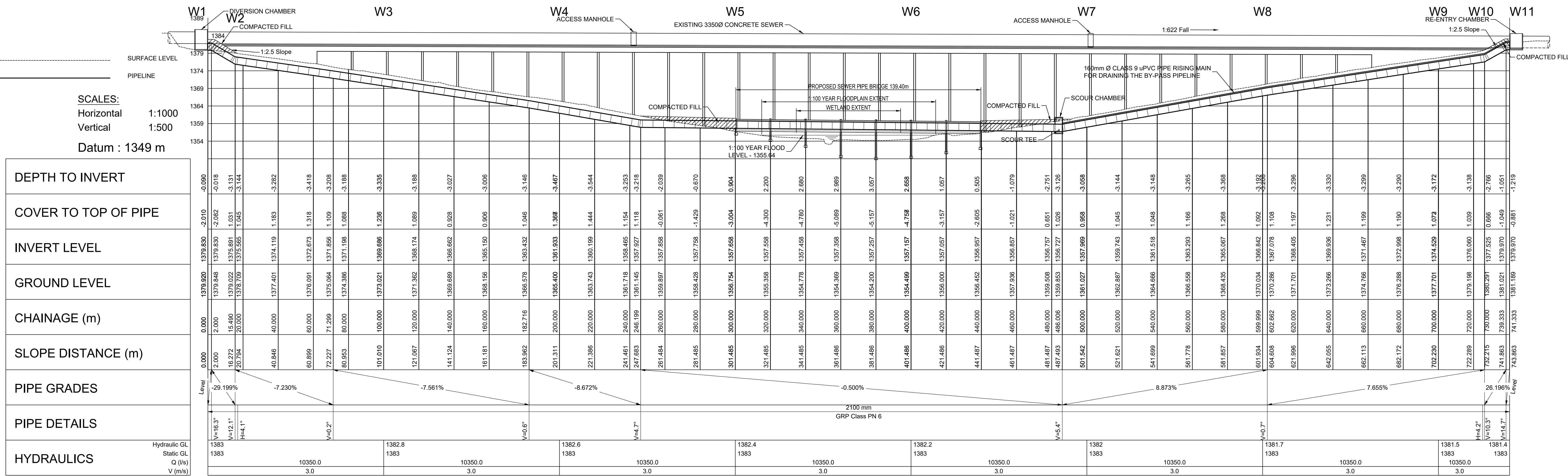
PLAN
SCALE : 1:1000

Coordinate List		
Lo 29		
Node	YLo	XLo
Const:		
W1	99 806.726	2 871 570.978
W2	99 819.898	2 871 560.311
W3	99 888.626	2 871 512.289
W4	99 970.598	2 871 455.013
W5	100 052.570	2 871 397.737
W6	100 134.543	2 871 340.460
W7	100 216.515	2 871 283.184
W8	100 298.487	2 871 225.909
W9	100 380.459	2 871 168.632
W10	100 400.409	2 871 154.693
W11	100 414.342	2 871 146.421

Pipe Data List			
Node	Node	Length (m)	Dia. (mm)
W1	W2	16.95	2100
W2	W3	83.84	2100
W3	W4	100.00	2100
W4	W5	100.00	2100
W5	W6	100.00	2100
W6	W7	100.00	2100
W7	W8	100.00	2100
W8	W9	100.00	2100
W9	W10	24.34	2100
W10	W11	16.20	2100

PIPE MATERIAL LIST		
Diameter (mm)	Class	Length (m)
2100	PN 6	741.33
Total length :		741.33

Pipe Bends Schedule (>3.0 Deg)			
CH	Diameter1 (mm)	Diameter2 (mm)	Angle (Deg)
2.000	2100	2100	16.3
15.480	2100	2100	12.1
16.950	2100	2100	4.1
246.199	2100	2100	4.7
486.006	2100	2100	5.4
725.130	2100	2100	4.2
726.228	2100	2100	10.3
739.333	2100	2100	14.7



Bridge 1

INFRASTRUCTURE CONSULTING

Tel: 08611themba (843622)
email: info@themba-africa.com

DESIGNED: G.C. 17/05/2018

DRAWN: G.C. 17/05/2018

CHECKED: B.B.D. 31/05/2018

APPROVED BY: [Signature] DATE

ECSA REG. No. 990087

CHECKED BY: B.B.D.

SIGNATURE DATE

Johannesburg Water

TURBINE HALL
65 NTEMI PILISO STREET
NEWTOWN
2001
TEL: (011) 688-1400
FAX: (011) 688-1521

DIEPSLOOT SEWAGE ACQUEDUCT
BRIDGE 1

PLAN AND PROFILE
SEWER DIVERSION PIPELINE

SURVEY INFORMATION		APPROVAL BY JW DEPOT		SCALE	AMENDMENTS	
PROJECT SURVEYOR:		CHECKED		1:1000	DESCRIPTION	DATE:
DATE:		APPROVED BY:			A ISSUED FOR PDR	02/07/2015
		SIGNATURE	DATE		B ISSUED FOR DDR	31/08/2015
					C ISSUED FOR DDR REV1	31/06/2018
					D ISSUED FOR TENDER	30/09/2024
CCTV INFORMATION		APPROVAL BY JW PLANNING				
CCTV COMPANY:		CHECKED				
DATE:		APPROVED BY:				
		SIGNATURE	DATE			

CONSULTANTS DWG NO
13247-02/C/SEW/300-D

DRAWING No.

JW14455

PROJECT No. [] DRAWING No. [] REV. []

A0 SHEET 1 OF 1

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