

NOTES:

1. REFER TO DRAWING 2F-C6-001 FOR SERVITUDE CROSS SECTION.

2. REFER TO DRAWING 2A-C6-110 AND 111 FOR TYPICAL TRENCH DETAILS.

COORDINATE LIST		
WG27		
Node	YLo	XLo
W90	-43 818.726	+2 625 961.509
W91	-46 515.381	+2 624 001.894
W92	-47 247.955	+2 623 454.466

LEGEND

PERMANENT SERVITUDE

TEMPORARY SERVITUDE

PIPELINE

AIR VALVE

SCOUR VALVE

ACCESS TO PIPELINE

ISOLATING VALVE

FLOW METER

NON-RETURN VALVE

OFF-TAKE

BENCHMARK

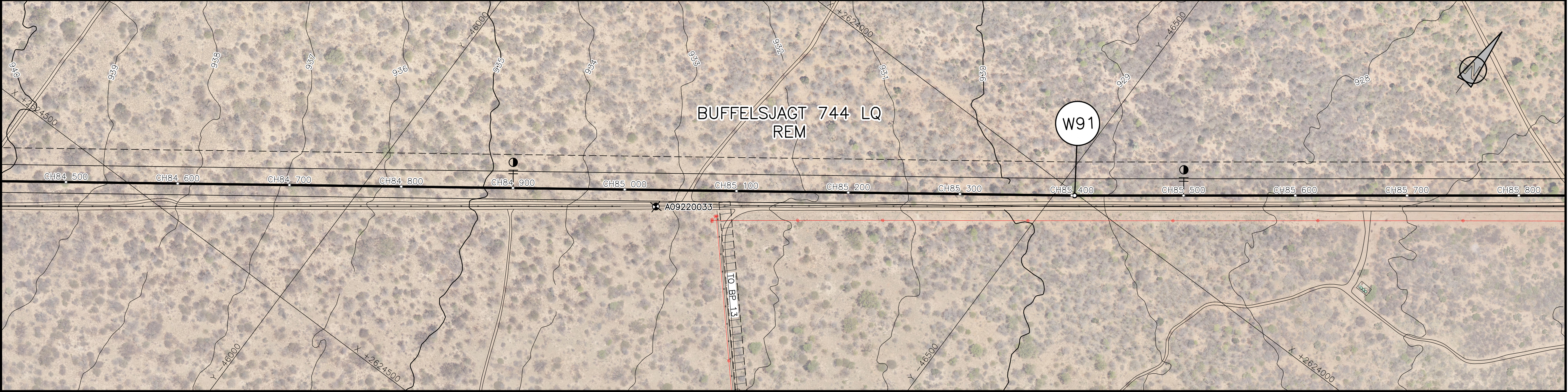
FARM BOUNDARY

CADASTRAL BOUNDARY

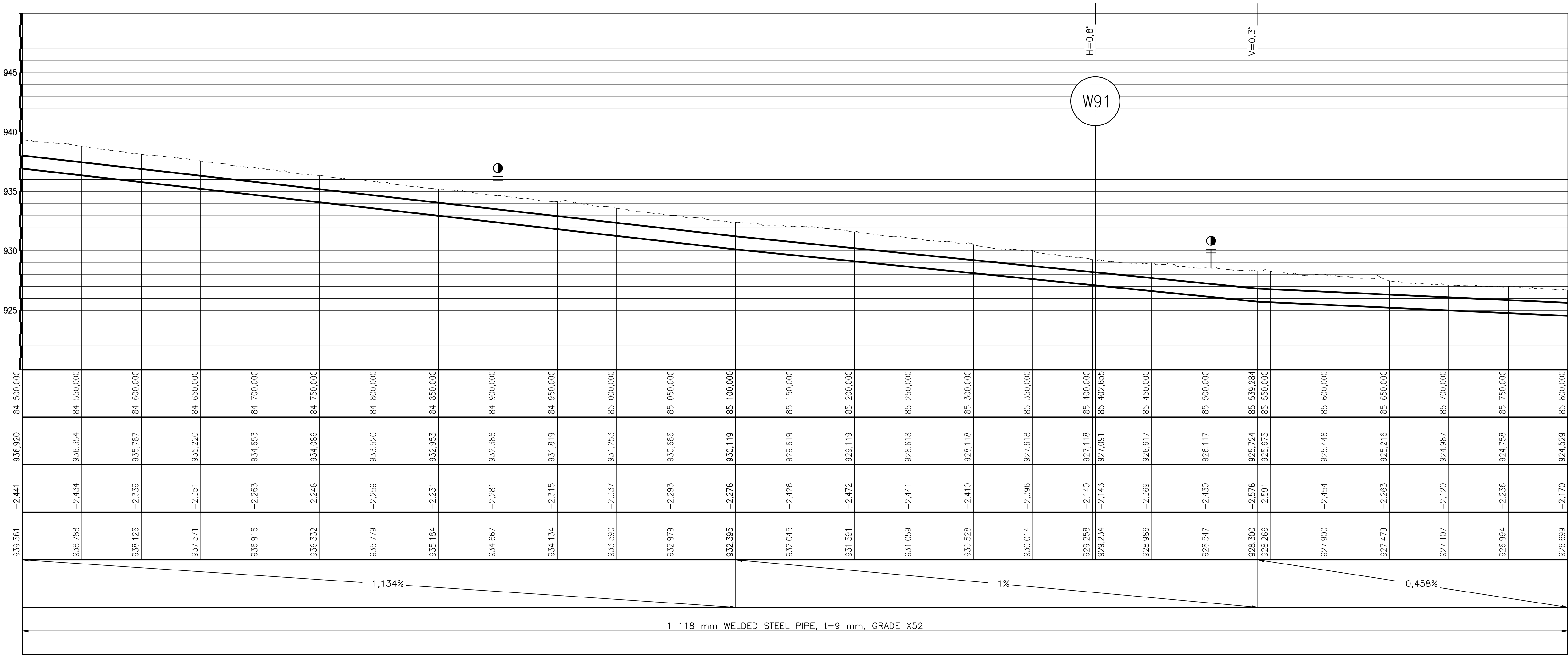
EXISTING SERVITUDE

EXISTING FENCES

POWERLINES



PLAN
SCALE 1:2000



Datum : 920 m

CHAINAGE (m)
84 500,000
84 550,000
84 600,000
84 650,000
84 700,000
84 750,000
84 800,000
84 850,000
84 900,000
84 950,000
85 000,000
85 050,000
85 100,000
85 150,000
85 200,000
85 250,000
85 300,000
85 350,000
85 400,000
85 402,655
85 450,000
85 500,000
85 539,284
85 550,000
85 600,000
85 650,000
85 700,000
85 750,000
85 800,000

INVERT LEVEL
936,920
936,354
935,787
935,220
934,653
934,086
933,520
932,953
932,386
931,819
931,253
930,686
930,119
929,619
929,119
928,618
928,118
927,618
927,118
927,091
926,617
926,117
925,724
925,675
925,446
925,216
924,987
924,758
924,529

DEPTH TO INVERT
-2,441
-2,434
-2,339
-2,351
-2,263
-2,246
-2,259
-2,231
-2,281
-2,315
-2,337
-2,293
-2,276
-2,426
-2,472
-2,441
-2,410
-2,396
-2,140
-2,143
-2,369
-2,430
-2,576
-2,591
-2,454
-2,263
-2,120
-2,236
-2,170

GROUND LEVEL
939,361
938,788
938,126
937,571
936,916
936,332
935,779
935,184
934,667
934,134
933,590
932,979
932,395
932,045
931,591
931,059
930,528
930,014
929,258
929,234
928,986
928,547
928,300
928,266
927,900
927,479
927,107
926,994
926,699

PIPE GRADES
-1,134%
-1%
-0,458%

PIPE DETAILS
1 118 mm WELDED STEEL PIPE, t=9 mm, GRADE X52

LONGITUDINAL SECTION

SCALE HORIZONTAL 1:2 000
SCALE VERTICAL 1:200

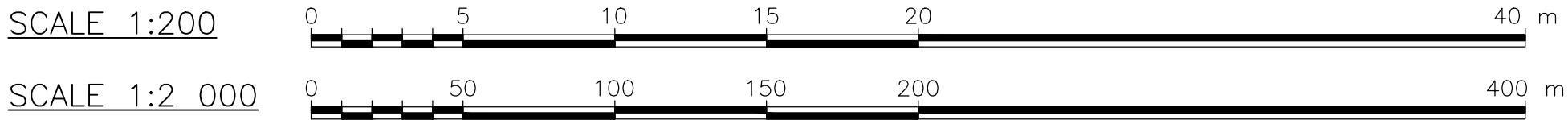
2	PIPELINE DATA SHEET	2H-C1-002	XXXXXXXXXX
1	PIPELINE DATA SHEET	2H-C1-001	XXXXXXXXXX
SHEET	DESCRIPTION	OTHER No.	REG. No.

LIST OF DRAWINGS

MOKOLO CROCODILE WATER AUGMENTATION PROJECT PHASE 2 (MCWAP-2)

GRAVITY MAIN
PLAN AND LONGITUDINAL SECTION
CH84 500 TO CH85 800

PROVINCE: LIMPOPO	DISTRICT: THABAZIMBI/LEPHALE	KEYCODES:	OTHER NUMBER	2H-C4-067
LOCALITY No.: XXXXXX	TENDER/ CONTRACT No. XXXXXXXXXXXX	SHEET	REG. No.	REV.
CALCULATION FILE: XXXXXXXXXXXXXXXXXXXX	66 of 78			T1



CONSULTING ENGINEER

GBN JOINT VENTURE

WOODMEAD NORTH OFFICE PARK
54 MAXWELL DRIVE
WOODMEAD

IMPLEMENTING AGENT

TCTA

A new word for water

MOD No.	DATE	REVISION	FOR	DWS
T1	07/21	ISSUED FOR TENDER	PvH	

TENDER DRAWING

DEPARTMENT OF WATER AND SANITATION
REPUBLIC OF SOUTH AFRICA

HEAD OFFICE
ENGINEERING SERVICES
PRIVATE BAG X313
PRETORIA 0001

SEDIBENG BUILDING
185 FRANCIS BAARD STREET
PRETORIA
(012) 336-7500

P. DU PLESSIS
Pr. Eng: 810012
CHECKED: 10/08/2021

P. VAN HEERDEN
Pr. Eng: 920029
ENGINEER: 10/08/2021

P. VAN HEERDEN
Pr. Eng: 920029
10/08/2021

DESIGN: P. VAN HEERDEN
DRAWN: A. STEENBERG

EXTERNAL APPROVAL: DATE:

CHIEF ENGINEER / APP (Pr. Eng): DATE: DIRECTOR (Pr. Eng): DATE: