

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	
W36	-45 671.558	+2 681 654.576	
W37	-45 672.652	+2 681 256.474	
W38	-45 680.052	+2 680 862.184	
W39	-45 673.831	+2 680 376.223	
W40	-45 671.021	+2 679 979.115	

LEGEND

PERMANENT SERVITUDE

TEMPORARY SERVITUDE

PIPELINE

AIR VALVE

SCOUR VALVE

ACCESS TO PIPELINE

ISOLATING VALVE

FLOW METER

NON-RETURN VALVE

OFF-TAKE

BENCHMARK

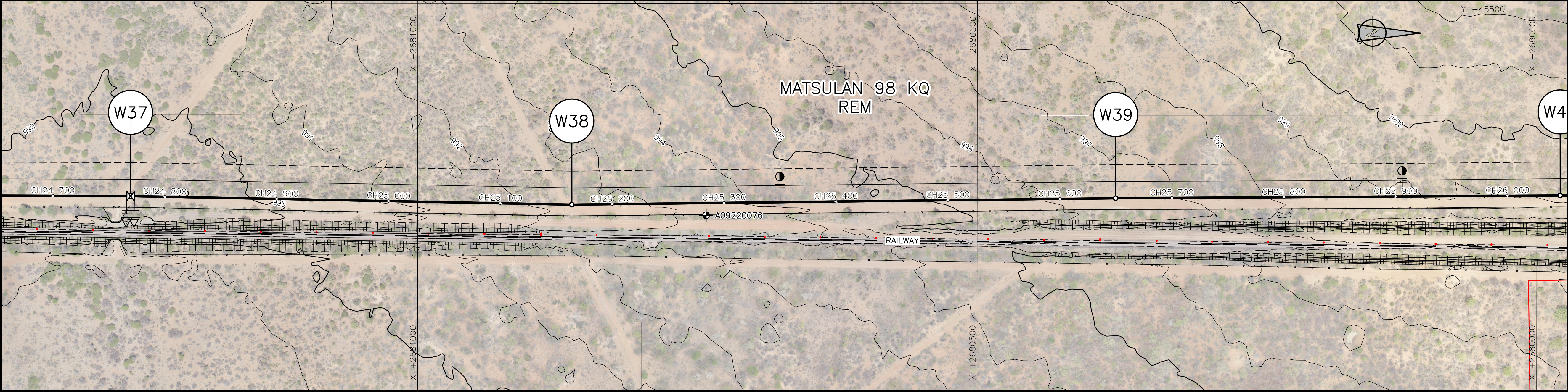
FARM BOUNDARY

CADASTRAL BOUNDARY

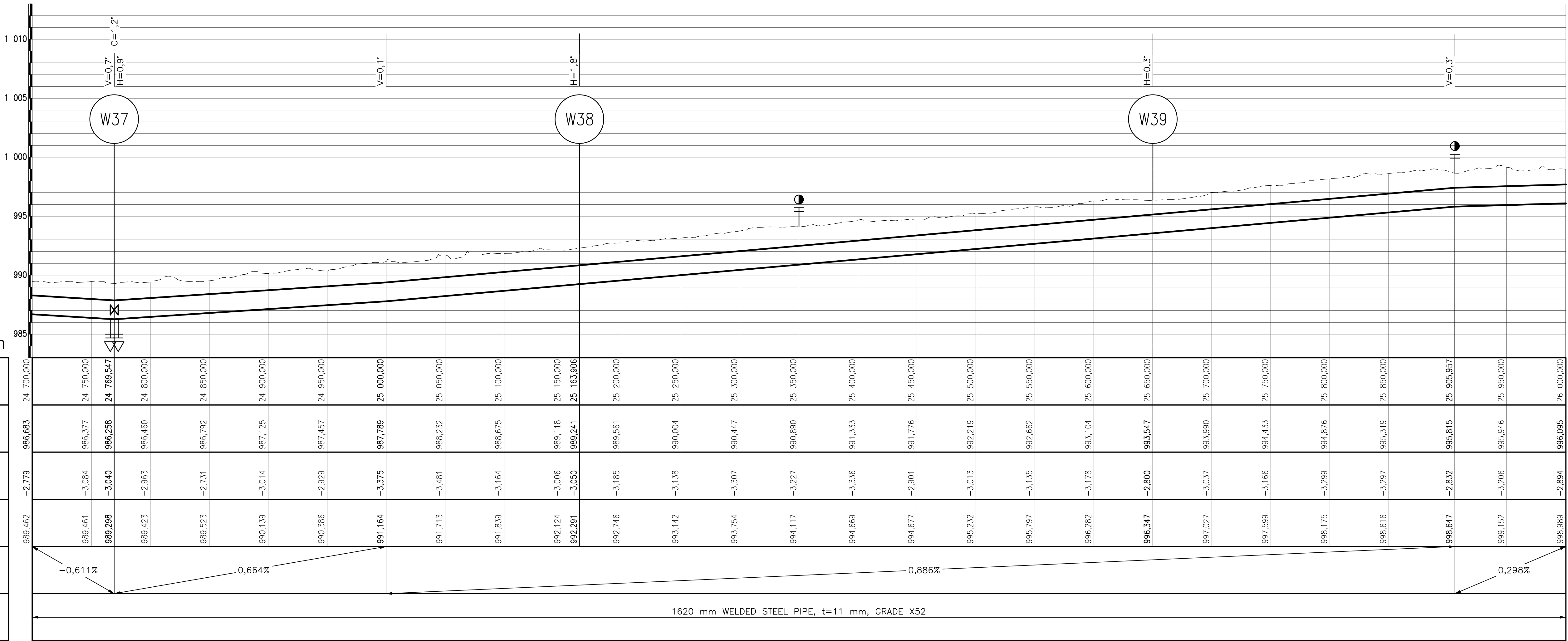
EXISTING SERVITUDE

EXISTING FENCES

POWERLINES



PLAN
SCALE 1:2000



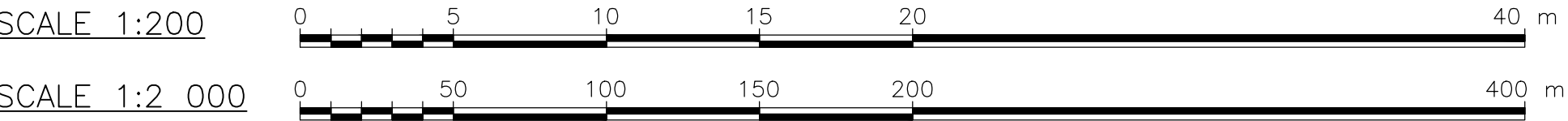
Datum : 983 m

CHAINAGE (m)	INVERT LEVEL	DEPTH TO INVERT	GROUND LEVEL	PIPE GRADES	PIPE DETAILS
24 700,000	986,683	-2,779	989,462	-0,611%	
24 750,000	986,377	-3,084	989,461		
24 769,547	986,258	-3,040	989,298		
24 800,000	986,460	-2,963	989,423		
24 850,000	986,792	-2,731	989,523		
24 900,000	987,125	-3,014	990,139		
24 950,000	987,457	-2,929	990,386		
25 000,000	987,789	-3,375	991,164		
25 050,000	988,232	-3,481	991,713		
25 100,000	988,675	-3,164	991,839		
25 150,000	989,118	-3,006	992,124		
25 163,906	989,241	-3,050	992,291		
25 200,000	989,561	-3,165	992,746		
25 250,000	990,004	-3,138	993,142		
25 300,000	990,447	-3,307	993,754		
25 350,000	990,890	-3,227	994,117		
25 400,000	991,333	-3,336	994,669		
25 450,000	991,776	-2,901	994,677		
25 500,000	992,219	-3,013	995,232		
25 550,000	992,662	-3,135	995,797		
25 600,000	993,104	-3,178	996,282		
25 650,000	993,547	-2,800	996,347		
25 700,000	993,990	-3,037	997,027		
25 750,000	994,433	-3,166	997,599		
25 800,000	994,876	-3,259	998,175		
25 850,000	995,319	-3,297	998,616		
25 905,957	995,815	-2,832	998,647		
25 950,000	995,946	-3,206	999,152		
26 000,000	996,095	-2,894	998,989	0,298%	

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



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

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

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

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

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

DESIGN: P. VAN HEERDEN
DRAWN: A. STEENBERG

EXTERNAL APPROVAL: DATE:

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

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

GRAVITY MAIN
PLAN AND LONGITUDINAL SECTION
CH24 700 TO CH26 000

PROVINCE: LIMPOPO	DISTRICT: THABAZIMBI/LEPHALALE	KEYCODES:	OTHER NUMBER	2H-C4-021
LOCALITY No.: XXXXXX	TENDER/ CONTRACT No. XXXXXXXXXXXX	SHEET	REV. No.	REV.
CALCULATION FILE: XXXXXXXXXXXXXXXXXXXX	20 of 78			T1