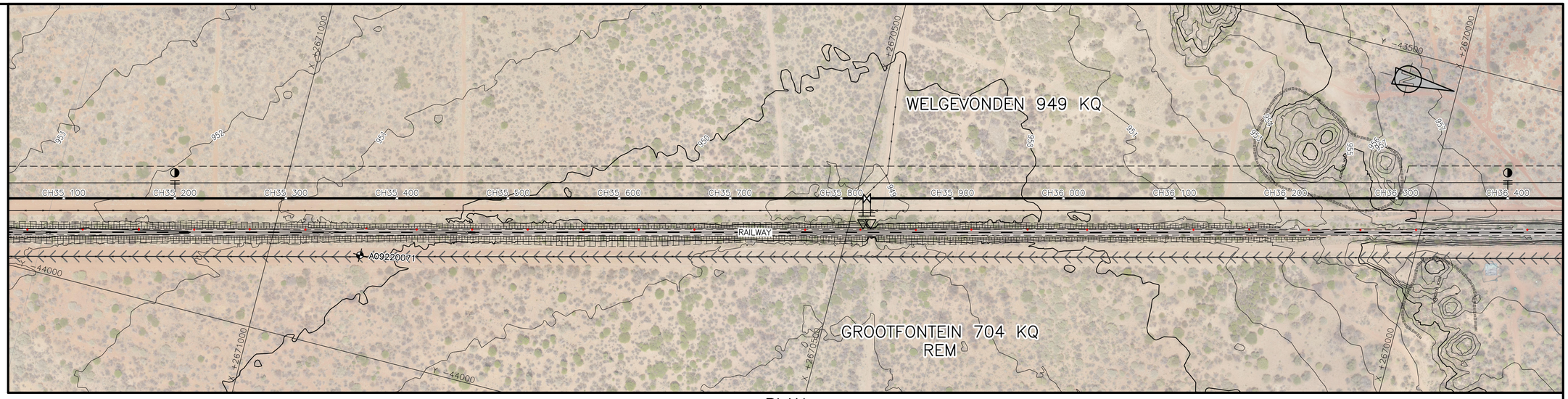
NOTES:

1. REFER TO DRAWING 2F–C6–001 FOR SERVITUDE CROSS SECTION.
2. REFER TO DRAWING 2A–C6–110 AND 111 FOR TYPICAL TRENCH DETAILS.



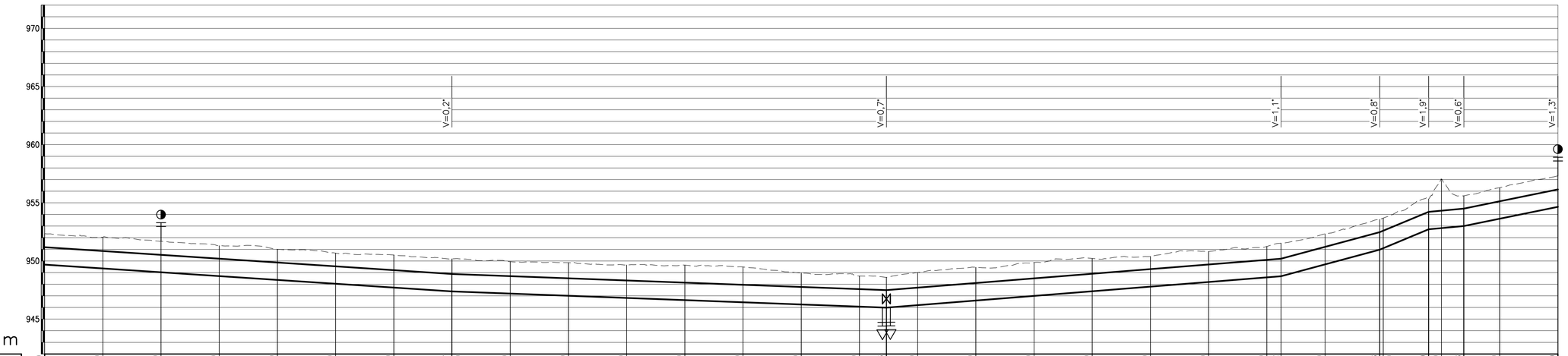
PLAN

SCALE 1:2000

COORDINATE LIST WG27		
Node	YLo	XLo
W52	–44 454.418	+2 673 223.807
W53	–43 174.442	+2 668 263.306

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



Datum : 942 m

CHAINAGE (m)	INVERT LEVEL	DEPTH TO INVERT	GROUND LEVEL
35 100,000	949,683	–2,658	952,341
35 150,000	949,354	–2,683	952,037
35 200,000	949,024	–2,668	951,692
35 250,000	948,695	–2,619	951,314
35 300,000	948,365	–2,647	951,012
35 350,000	948,036	–2,636	950,672
35 400,000	947,706	–2,807	950,513
35 449,817	947,378	–2,799	950,177
35 450,000	947,377	–2,802	950,179
35 500,000	947,191	–2,744	949,935
35 550,000	947,005	–2,852	949,857
35 600,000	946,819	–2,834	949,653
35 650,000	946,633	–3,009	949,642
35 700,000	946,447	–3,038	949,485
35 750,000	946,261	–2,695	948,956
35 800,000	946,075	–2,632	948,707
35 823,106	945,989	–2,600	948,589
35 850,000	946,203	–2,802	949,005
35 900,000	946,601	–2,854	949,455
35 950,000	947,000	–2,869	949,869
36 000,000	947,398	–2,818	950,216
36 050,000	947,796	–2,591	950,387
36 100,000	948,194	–2,622	950,816
36 150,000	948,592	–2,658	951,250
36 162,132	948,689	–2,841	951,530
36 200,000	949,709	–2,627	952,336
36 246,968	950,974	–2,600	953,574
36 250,000	951,100	–2,592	953,692
36 288,910	952,722	–2,600	955,322
36 300,000	952,824	–4,214	957,038
36 319,158	953,000	–2,600	955,600
36 350,000	953,632	–2,664	956,296
36 400,000	954,656	–2,664	957,320

PIPE GRADES: –0,659% | –0,372% | 0,796% | 2,693% | 4,168% | 0,919% | 2,048%

PIPE DETAILS: 1 520 mm WELDED STEEL PIPE, t=10 mm, GRADE X52

LONGITUDINAL SECTION

SCALE HORIZONTAL 1:2 000
SCALE VERTICAL 1:200

SHEET	DESCRIPTION	OTHER No.	REG. No.
2	PIPELINE DATA SHEET	2H–C1–002	XXXXXXXXX
1	PIPELINE DATA SHEET	2H–C1–001	XXXXXXXXX

LIST OF DRAWINGS

SCALE 1:200 — 0 5 10 15 20 40 m

SCALE 1:2 000 — 0 50 100 150 200 400 m

CONSULTING ENGINEER

GBN JOINT VENTURE — WOODMEAD NORTH OFFICE PARK, 54 MAXWELL DRIVE, WOODMEAD

IMPLEMENTING AGENT

TCTA — A new word for water

REVISION				
MOD No.	DATE	DESCRIPTION	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

CHECKED: P. DU PLESSIS Pr. Eng: 810012	DATE: 10/08/2021	DESIGN: P. VAN HEERDEN	
		DRAWN: A. STEENBERG	
ENGINEER: P. VAN HEERDEN Pr. Eng: 920029	DATE: 10/08/2021	EXTERNAL APPROVAL:	DATE:
CHIEF ENGINEER / APP (Pr. Eng): P. VAN HEERDEN Pr. Eng: 920029	DATE: 10/08/2021	DIRECTOR (Pr. Eng):	DATE:

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

GRAVITY MAIN

PLAN AND LONGITUDINAL SECTION
CH35 100 TO CH36 400

PROVINCE: LIMPOPO	DISTRICT: THABAZIMBI/LEPHALALE	KEYCODES:		OTHER NUMBER 2H–C4–029
LOCALITY No.: XXXXXX	TENDER/CONTRACT No. XXXXXXXXXXX	SHEET 28 OF 78	REG. No.	REV. T1
CALCULATION FILE: XXXXXXXXXXXXXXXXXXX				