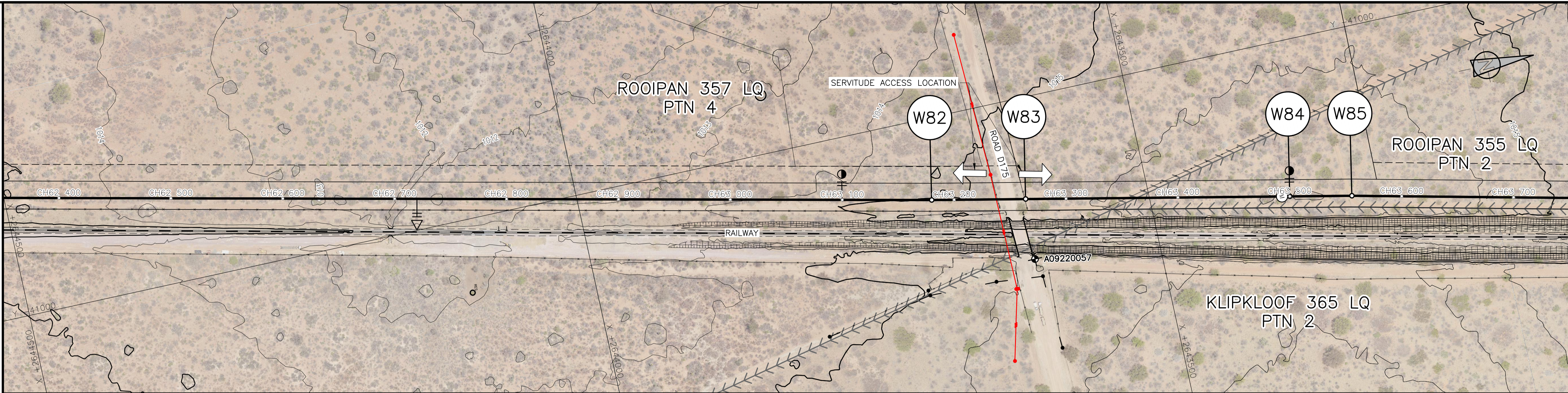


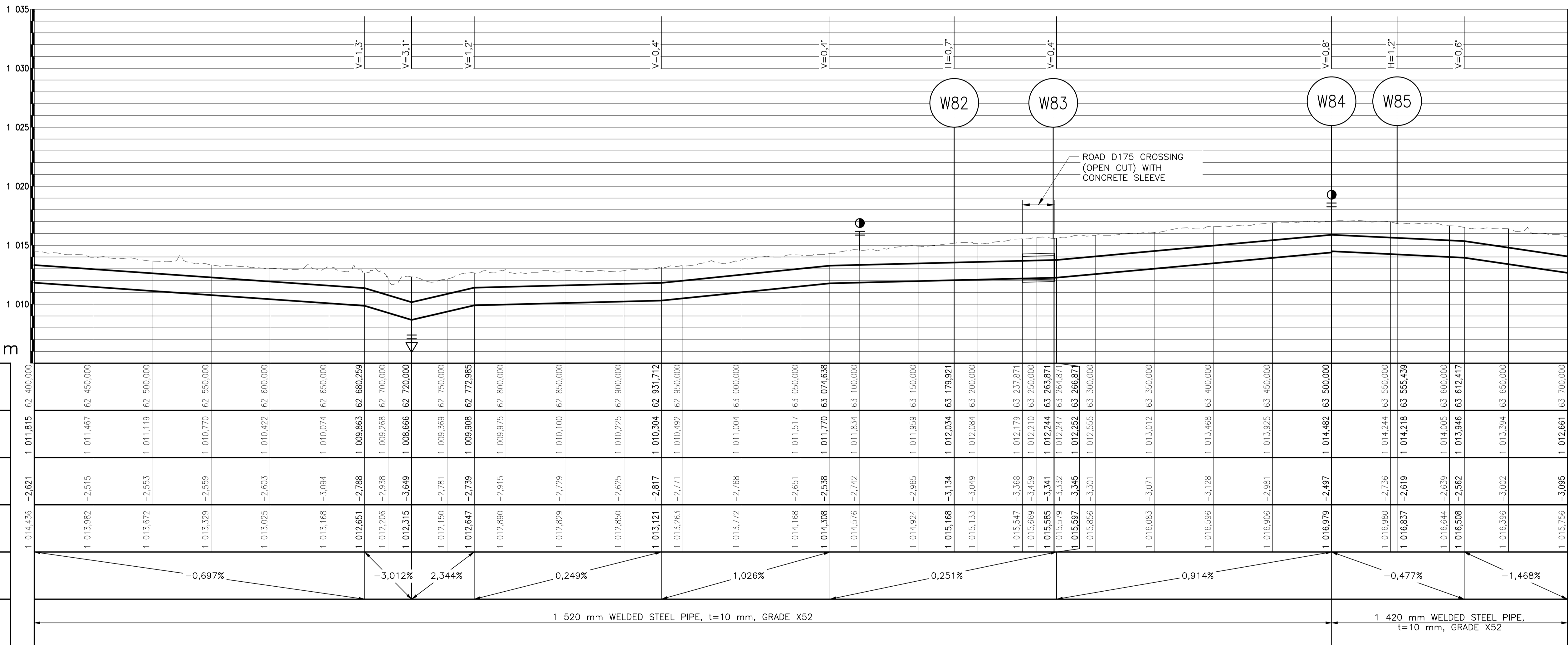
- NOTES:
1. REFER TO DRAWING 2F-C6-001 FOR SERVITUDE CROSS SECTION.
 2. REFER TO DRAWING 2A-C6-110 AND 111 FOR TYPICAL TRENCH DETAILS.

COORDINATE LIST		
WG27		
Node	YLo	XLo
W81	-40 750.147	+2 645 139.818
W82	-41 072.265	+2 643 690.470
W83	-41 089.440	+2 643 608.295
W84	-41 137.750	+2 643 377.162
W85	-41 149.092	+2 643 322.895
W86	-41 499.399	+2 641 801.360

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 : 1005 m

CHAINAGE (m)
62 400,000
62 450,000
62 500,000
62 550,000
62 600,000
62 650,000
62 700,000
62 750,000
62 800,000
62 850,000
62 900,000
62 950,000
63 000,000
63 050,000
63 100,000
63 150,000
63 200,000
63 250,000
63 300,000
63 350,000
63 400,000
63 450,000
63 500,000
63 550,000
63 600,000
63 650,000
63 700,000

INVERT LEVEL
1 011,815
1 011,467
1 011,119
1 010,770
1 010,422
1 010,074
1 009,726
1 009,378
1 009,030
1 008,682
1 008,334
1 007,986
1 007,638
1 007,290
1 006,942
1 006,594
1 006,246
1 005,898
1 005,550
1 005,202
1 004,854
1 004,506
1 004,158
1 003,810
1 003,462
1 003,114
1 002,766
1 002,418
1 002,070
1 001,722
1 001,374
1 001,026
1 000,678
1 000,330
1 000,000

DEPTH TO INVERT
-2,621
-2,515
-2,553
-2,559
-2,603
-3,094
-2,788
-2,938
-3,649
-2,781
-2,739
-2,915
-2,729
-2,625
-2,817
-2,771
-2,768
-2,742
-2,965
-3,134
-3,049
-3,368
-3,459
-3,341
-3,332
-3,345
-3,301
-3,071
-3,128
-2,981
-2,497
-2,736
-2,619
-2,639
-2,562
-3,002
-3,095

GROUND LEVEL
1 014,436
1 013,982
1 013,672
1 013,329
1 013,025
1 013,168
1 012,651
1 012,206
1 012,315
1 012,150
1 012,647
1 012,890
1 012,829
1 012,850
1 013,121
1 013,263
1 013,772
1 014,168
1 014,308
1 014,576
1 014,924
1 015,168
1 015,133
1 015,547
1 015,669
1 015,585
1 015,579
1 015,597
1 015,856
1 016,083
1 016,596
1 016,906
1 016,979
1 016,980
1 016,837
1 016,644
1 016,508
1 016,396
1 015,756

PIPE GRADES
-0,697%
-3,012%
2,344%
0,249%
1,026%
0,251%
0,914%
-0,477%
-1,468%

PIPE DETAILS
1 520 mm WELDED STEEL PIPE, t=10 mm, GRADE X52
1 420 mm WELDED STEEL PIPE, t=10 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

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	
T2	01/22	REVISED AT ROAD CROSSING	PVH	

TENDER DRAWING

DEPARTMENT OF WATER AND SANITATION
REPUBLIC OF SOUTH AFRICA

HEAD OFFICE
ENGINEERING SERVICES
PRIVATE BAG X313
PRETORIA 0001

SEDBENG BUILDING
185 FRANCIS BARD 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
26/01/2022
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
CH62 400 TO CH63 700

PROVINCE: LIMPOPO
DISTRICT: THABAZIMBI/LEPHALELE
LOCALITY No.: XXXXXX
TENDER/ CONTRACT No.: XXXXXXXXXXXX
CALCULATION FILE: XXXXXXXXXXXXXXXXXXXX

KEYCODES: SHEET 49 of 78
REG. No. 2H-C4-050
REV. T2

