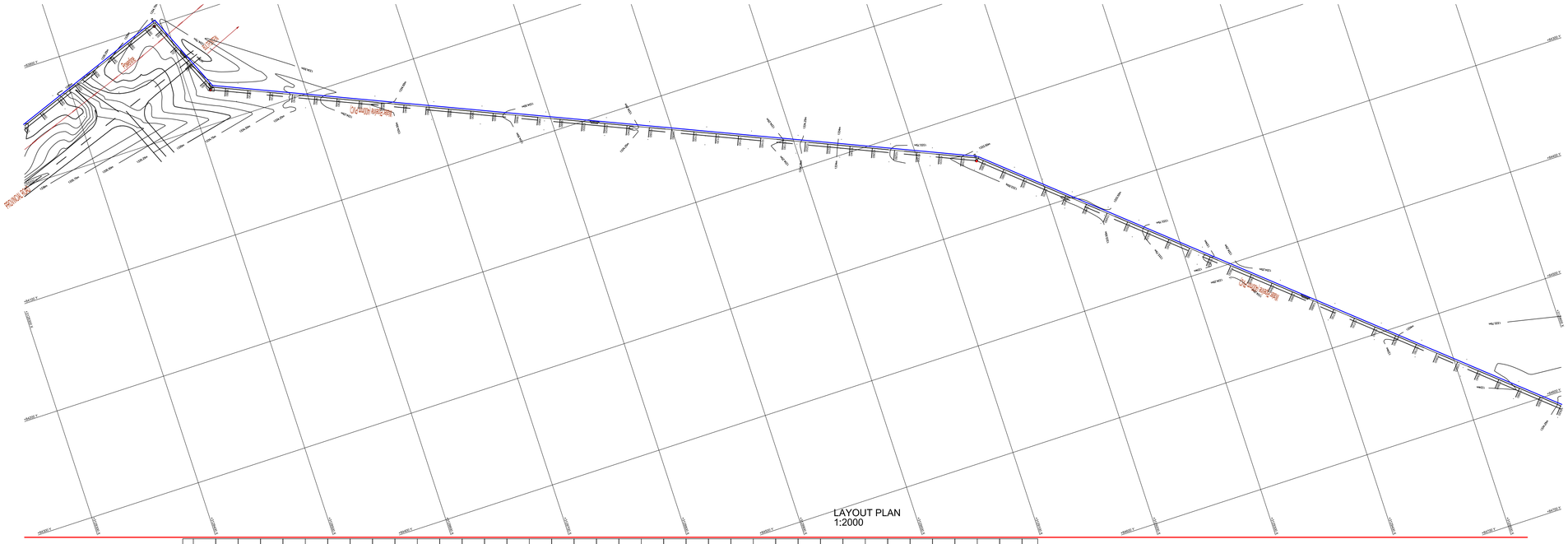
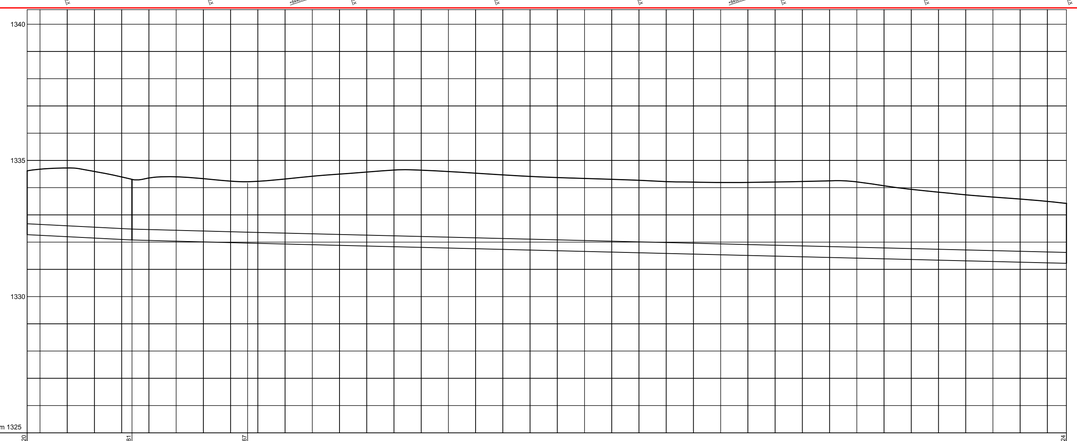


			LENGTH
	83936.237	3128385.999	111.376
PI 28 [43]	83897.404	3128490.386	76.991
PI 29 [44]	83968.080	3128520.924	84.983
	84001.773	3128598.942	601.472
PI 30 [45]	84240.240	3129151.121	

LEGEND

- EXISTING 200MM ASBESTOS CEMENT PIPELINE
- NEW 400MM HDPE PE 100 x PN 16 PIPE
- EXISTING 400MM PVC PUMPLINE



Ground Level	1334.620	1334.281	1334.167			1333.424
Inlet Level	1332.27	1332.08	1331.96			1331.22
Depth	2.35	2.20	2.20			2.20
Node Name	PI 28 [43]	PI 29 [44]				PI 30 [45]
Link Type / Link Size	400HDPE PE 100 Class PN 16			400HDPE PE 100 Class PN 16		
Length / Slope	76.99 m 0.3%	84.98 m 0.1%		601.47 m 0.1%		
Flow	100,000 l/s			100,000 l/s		
Velocity	1.202 m/s			1.202 m/s		
Pressure (bar)	2.099	2.049 2.049	2.028 2.028			1.875
Chainage	9591	9668	9753			10354

PI 28 [43] to PI 30 [45]

PIPE 2 LAYOUT AND LONGSECTION
SHEET 10 OF 12
1:2250

For Tender Purpose Only

AMENDMENDS

No	Date	By	

Client:

TSWELOPELE LOCAL MUNICIPALITY

Project:

THE REPLACEMENT OF OLD ASBESTOS PIPELINE AND ACCOMPANYING APPURTENANCES IN PHAHAMENG (BULTFONTEIN)

Drawing:

PIPE 1 LAYOUT AND LONGSECTION SHEET 10 OF 10

Date:	Scale:
JUNE 2026	AS SHOWN

PULE RAMASIMONG DEVELOPMENT CONSULTANTS

ENGINEERING CONSULTANTS, PROJECT MANAGERS AND COMMUNITY DEVELOPMENT CONSULTANTS

6 DELAHARPE STREET
WILKOPPIES
KLERKSDORP, 2570

TEL:+27 18 462 1575
FAX: +27 18 462 1518
EMAIL:pule@prdcon.co.za

Designed By:		PR	
Drawn By:		SM	
Checked By:		PR	

Drawing No. PRDC-26-07-22-P2-PL10

Contract No. PRDC-26-07