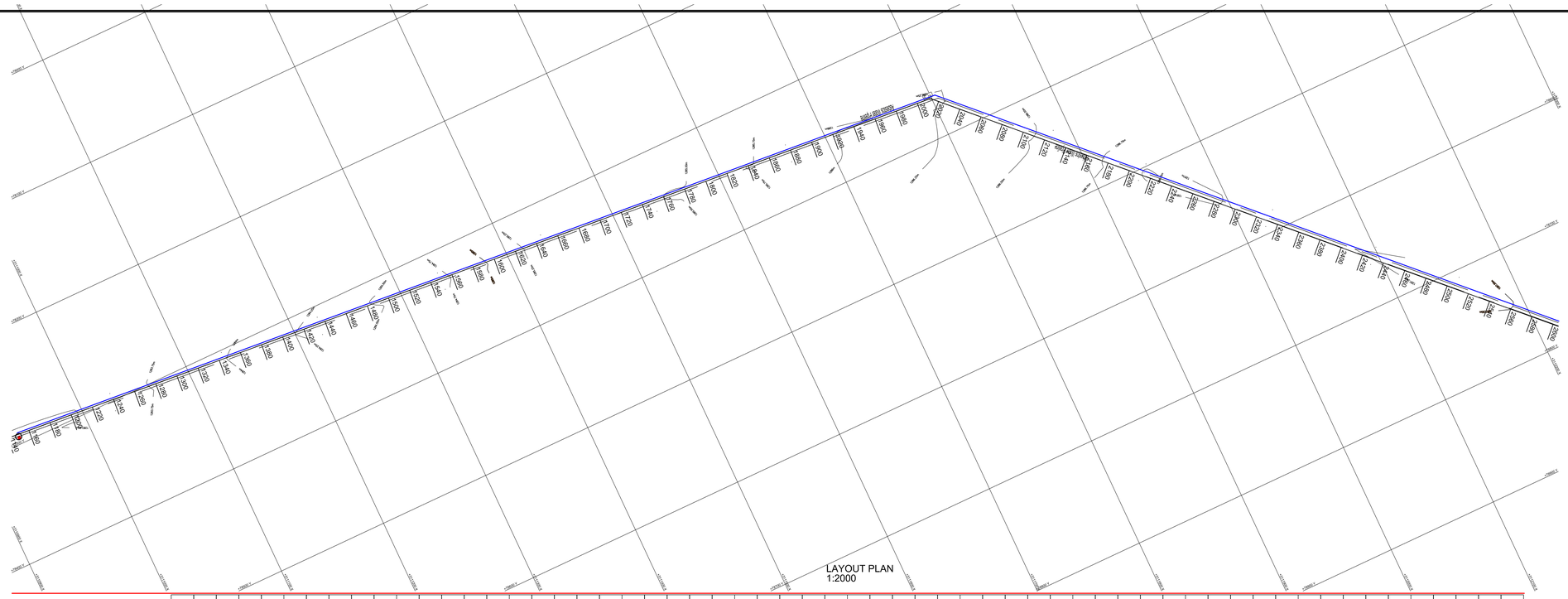
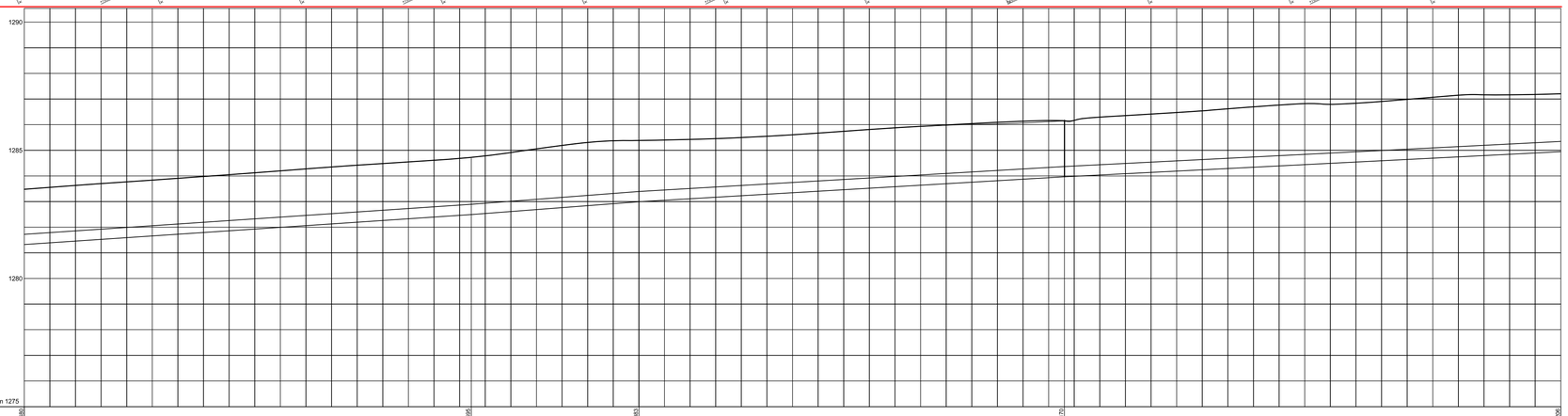


			LENGTH
	78291.125	3110936.818	58.999
	78295.621	3110989.625	349.100
	78325.238	3111337.465	130.997
	78336.351	3111467.989	332.238
P1 2 (7)	78364.537	3111799.028	387.670
	78638.597	3112073.214	

LEGEND

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



Ground Level	1283.480	1284.695	1285.383	1286.170	1287.266
Inlet Level	1281.32	1282.83	1282.99	1283.87	1284.95
Depth	2.20	2.20	2.39	2.20	2.20
Node Name				P1 2 (7)	
Link Type / Link Size	400HDPE PE 100 Class PN 16				400HDPE PE 100 Class PN 16
Length / Slope	349.10 m 0.3%		131.00 m 0.4%	332.24 m 0.3%	387.67 m 0.3%
Flow	100.000 l/s				100.000 l/s
Velocity	1.202 m/s				1.202 m/s
Pressure (bar)	8.021	8.674 8.674	8.575 8.575	8.355 8.355	8.115
Chainage	1200	1549	1680	2012	2400

PIPE 1 LAYOUT AND LONGSECTION
SHEET 2 OF 10
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 2 OF 10

Date:	Scale:
JUNE 2026	AS SHOWN

PULE RAMASIMONG DEVELOPMENT CONSULTANTS

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

Drawing No. PRDC-26-07-03-P1-PL2

Contract No. PRDC-26-07