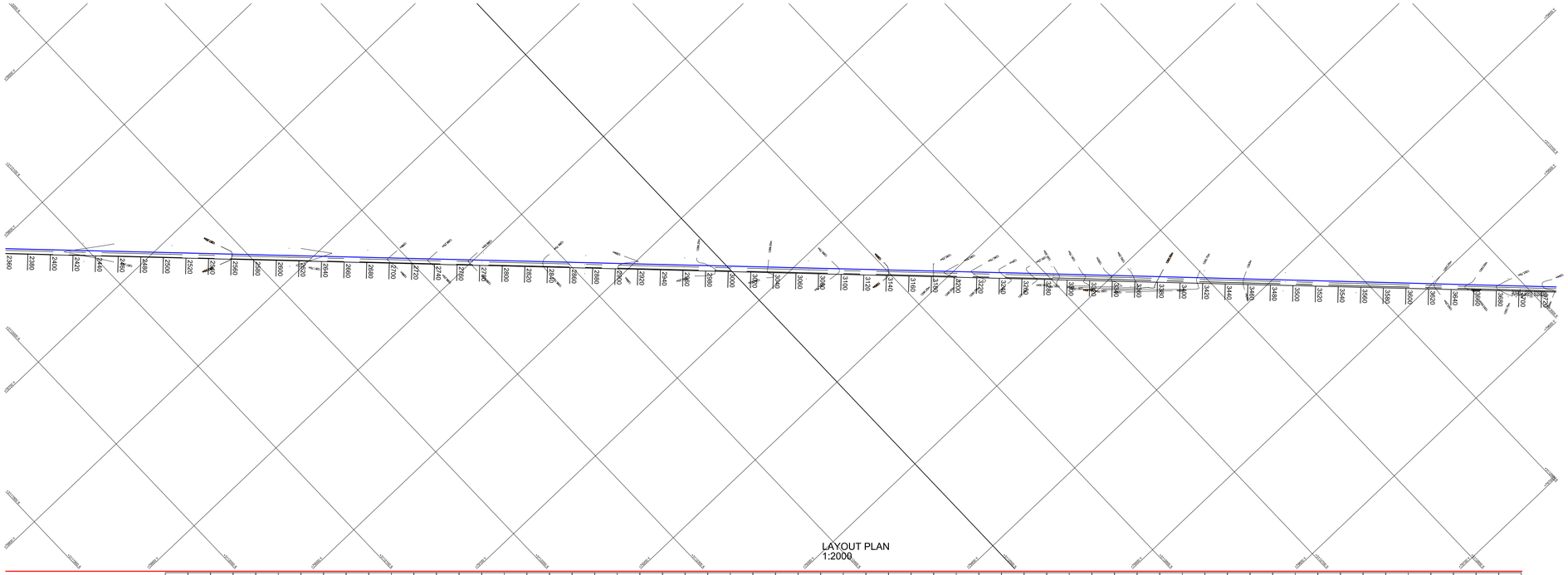
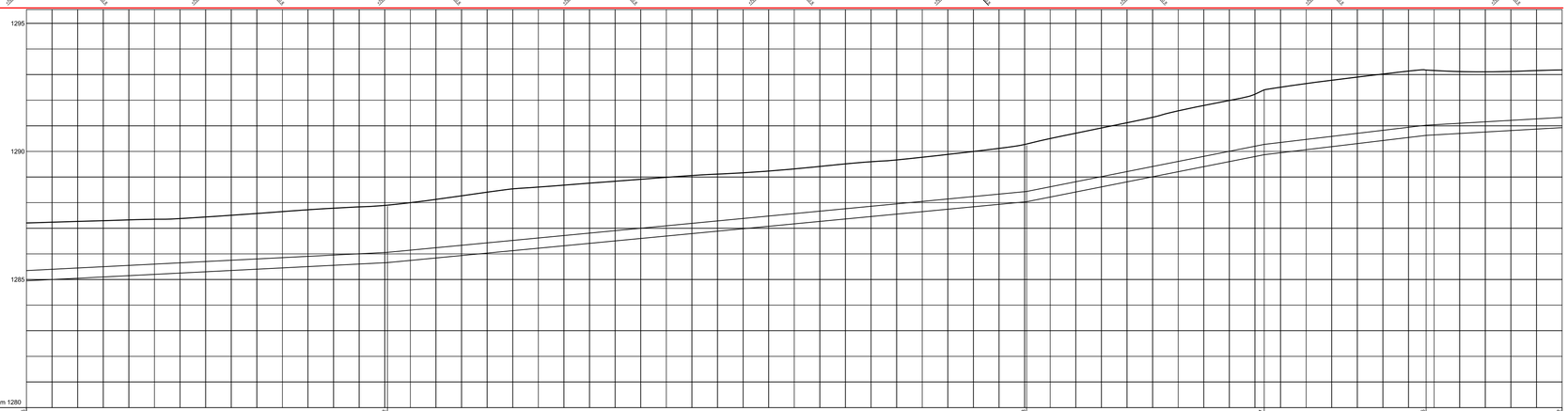


LAYOUT PLAN
1:2000



Ground Level	1287.206	1287.862	1290.238	1292.407	1293.176	1293.182
Inlet Level	1284.95	1285.66	1288.05	1288.87	1290.63	1290.55
Depth	2.20	2.20	2.20	2.53	2.55	2.27
Node Name						
Link Type / Link Size	400HDPE PE 100 Class PN 16					
Length / Slope	282.11 m 0.3%	499.45 m 0.5%		185.68 m 1.0%	126.54 m 0.6%	106.25 m 0.3%
Flow	100.000 l/s					
Velocity	1.202 m/s					
Pressure (bar)	6.115	7.038 7.038	7.517 7.517	7.268 7.268	7.146 7.146	7.078
Chainage	2400	2682	3182	3367	3494	3600

PI 2 [7] to PI 2 [7]
1:2000 1:100

PIPE 1 LAYOUT AND LONGSECTION
SHEET 3 OF 10
1:2250

		LENGTH
78638.597	3112073.214	282.10
78838.032	3112272.741	499.448
79191.110	3112625.981	185.677
79322.367	3112757.299	126.537
79411.820	3112846.793	106.246
79486.930	3112921.937	23.674
79503.666	3112938.681	

LEGEND

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

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 3 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-26-07-04-P1-PL3

Contract No. PRDC-26-07

For Tender Purpose Only