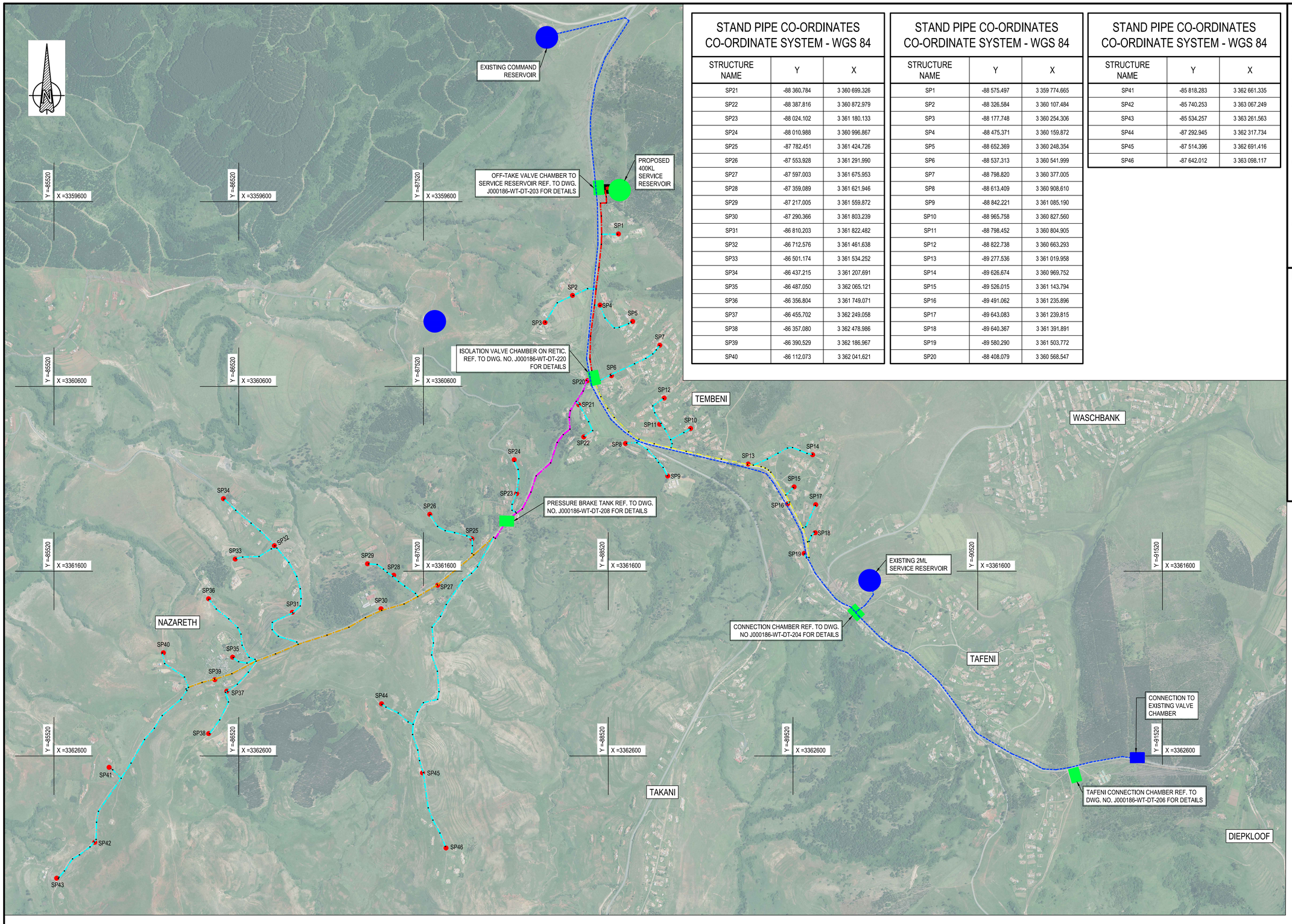

STAND PIPE CO-ORDINATES CO-ORDINATE SYSTEM - WGS 84

STRUCTURE NAME	Y	X
SP21	-88 360.784	3 360 699.326
SP22	-88 387.816	3 360 872.979
SP23	-88 024.102	3 361 180.133
SP24	-88 010.988	3 360 996.867
SP25	-87 782.451	3 361 424.726
SP26	-87 553.928	3 361 291.990
SP27	-87 597.003	3 361 675.953
SP28	-87 359.089	3 361 621.946
SP29	-87 217.005	3 361 559.872
SP30	-87 290.366	3 361 803.239
SP31	-86 810.203	3 361 822.482
SP32	-86 712.576	3 361 461.638
SP33	-86 501.174	3 361 534.252
SP34	-86 437.215	3 361 207.691
SP35	-86 487.050	3 362 065.121
SP36	-86 356.804	3 361 749.071
SP37	-86 455.702	3 362 249.058
SP38	-86 357.080	3 362 478.986
SP39	-86 390.529	3 362 186.967
SP40	-86 112.073	3 362 041.621

STAND PIPE CO-ORDINATES CO-ORDINATE SYSTEM - WGS 84

STRUCTURE NAME	Y	X
SP1	-88 575.497	3 359 774.665
SP2	-88 326.584	3 360 107.484
SP3	-88 177.748	3 360 254.306
SP4	-88 475.371	3 360 159.872
SP5	-88 652.369	3 360 248.354
SP6	-88 537.313	3 360 541.999
SP7	-88 798.820	3 360 377.005
SP8	-88 613.409	3 360 908.610
SP9	-88 842.221	3 361 085.190
SP10	-88 965.758	3 360 827.560
SP11	-88 798.452	3 360 804.905
SP12	-88 822.738	3 360 663.293
SP13	-89 277.536	3 361 019.958
SP14	-89 626.674	3 360 969.752
SP15	-89 526.015	3 361 143.794
SP16	-89 491.062	3 361 235.896
SP17	-89 643.083	3 361 239.815
SP18	-89 640.367	3 361 391.891
SP19	-89 580.290	3 361 503.772
SP20	-88 408.079	3 360 568.547

STAND PIPE CO-ORDINATES CO-ORDINATE SYSTEM - WGS 84

STRUCTURE NAME	Y	X
SP41	-85 818.283	3 362 661.335
SP42	-85 740.253	3 363 067.249
SP43	-85 534.257	3 363 261.563
SP44	-87 292.945	3 362 317.734
SP45	-87 514.396	3 362 691.416
SP46	-87 642.012	3 363 098.117

NOTES:

1. THIS DESIGN WAS ENGINEERED BY : ZIMILE CONSULTING ENGINEERS
2. THESE DRAWINGS MUST BE READ IN CONJUNCTION WITH THE SANS AND PROJECT SPECIFICATIONS.
3. ALL SETTING OUT AND DIMENSIONS MUST BE CONFIRMED AND APPROVED ON SITE
4. ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH THE SANS AND PROJECT SPECIFICATIONS.
5. ALL MATERIAL AND WORKMANSHIP MUST COMPLY WITH THE REQUIREMENTS OF THE LATEST RELEVANT SANS AND PROJECT SPECIFICATIONS
6. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER WITH REGARDS TO THE BOQ, DRAWINGS AND SPECIFICATION BEFORE ORDERING ANY MATERIAL.
7. FINAL POSITION OF SERVICES TO BE DETERMINED ON SITE.
8. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL POTENTIALLY CLASHING EXISTING SERVICES AND PROTECT THEM FROM DAMAGE THROUGHOUT THE DURATION OF THE WORKS

LEGEND:

- EXISTING RESERVOIRS
- PROPOSED RESERVOIRS
- STAND PIPES
- EXISTING VALVE CHAMBER
- PROPOSED VALVE CHAMBER
- 75mm Ø RETICULATION PIPE PN20
- 50mm Ø RETICULATION PIPE PN20
- 90mm Ø RETICULATION PIPE PN16
- 110mm Ø RETICULATION PIPE PN16
- 63mm Ø RETICULATION PIPE PN20
- BULKLINE FROM EXISTING COMMAND RESERVOIR TO TAFENI CONNECTION CHAMBER

APPROVED FOR CONSTRUCTION

SCALE 1:10 000 0 100 200 300 400 500 1 000 2 000m

RETICULATION LAYOUT

SCALE 1:10 000

NO.	NATURE OF REVISION	DATE
0	ISSUE FOR CONSTRUCTION	13/03/2026

DESIGNED: M.MUKABWE — NAME — SIGN
DRAWN: B.N. GUDA — NAME — SIGN
CHECKED: N.NDLOVU — NAME — SIGN

ZIMILE UNBOUNDED ENGINEERING
INTERNATIONAL BUSINESS GATEWAY OFFICE PARK
CNR PIONEER AVENUE AND ELIZABETH MIDRIDGE PARK
TEL: (011) 466 - 8576
FAX: (011) 466 - 8813
E-MAIL: info@zimile.co.za

REFERENCE DRAWING/S:
1. J000186-WT-DL-000-DRAWING LIST
2. J000186-WT-LA-001-WARD LAYOUT
3. J000186-WT-LA-002-LOCALITY LAYOUT
4. J000186-WT-DT-601-STANDPIPE DETAILS
5.
6.
7.

CLIENT: HARRY GWALA DISTRICT MUNICIPALITY

APPROVED: B. SEAKE — FOR ZIMILE CONSULTING ENGINEERS
DESIGNATION: SENIOR ENGINEER
DATE — SIGNATURE

PROJECT: UPGRADE OF THE TEMBENI BULK WATER PIPELINE AND ASSOCIATED INFRASTRUCTURE

TITLE: RETICULATION LAYOUT PLAN

PROJECT PHASE: PRELIMINARY | TENDER | CONSTRUCTION | AS-BUILT
DATE: MARCH 2026
SCALE: AS SHOWN
DRAWING No.: J000186 | WA | LA | 002
REVISION: 0
CAD FILENAME: L:\Projects\Current Projects\WATER DEPARTMENT\J000186 – GSR935 Thembeni Bulk Water Pipeline\5. Contract Administration Stage\2. Construction Drawings\01 Water\01 Working Drawings\DWG\J000186-WT-LA-002(A0-Thembeni Reticulation Rev 5.general.21).dwg
SIZE: A1

BonganiGuda14.04.2026