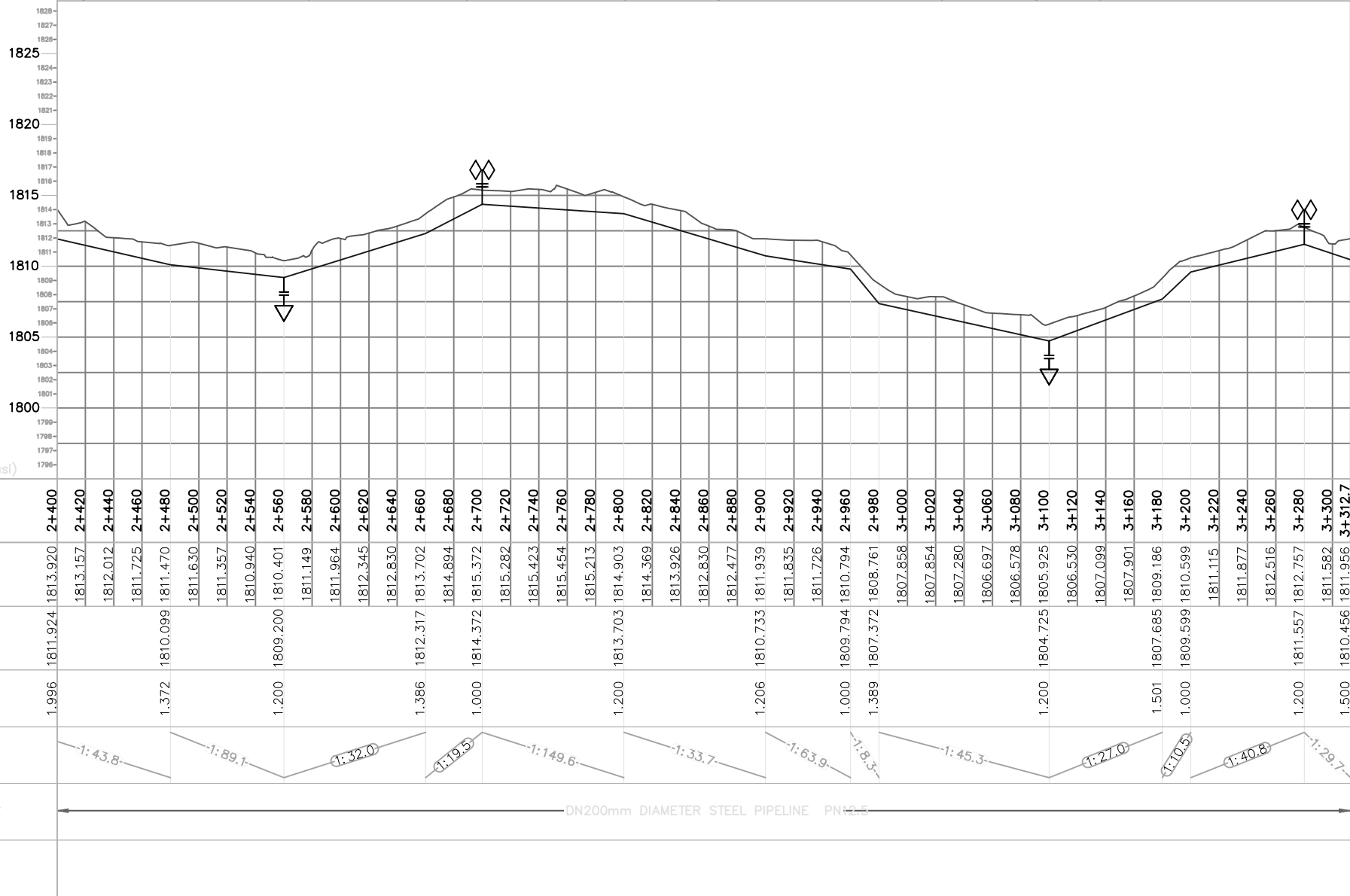
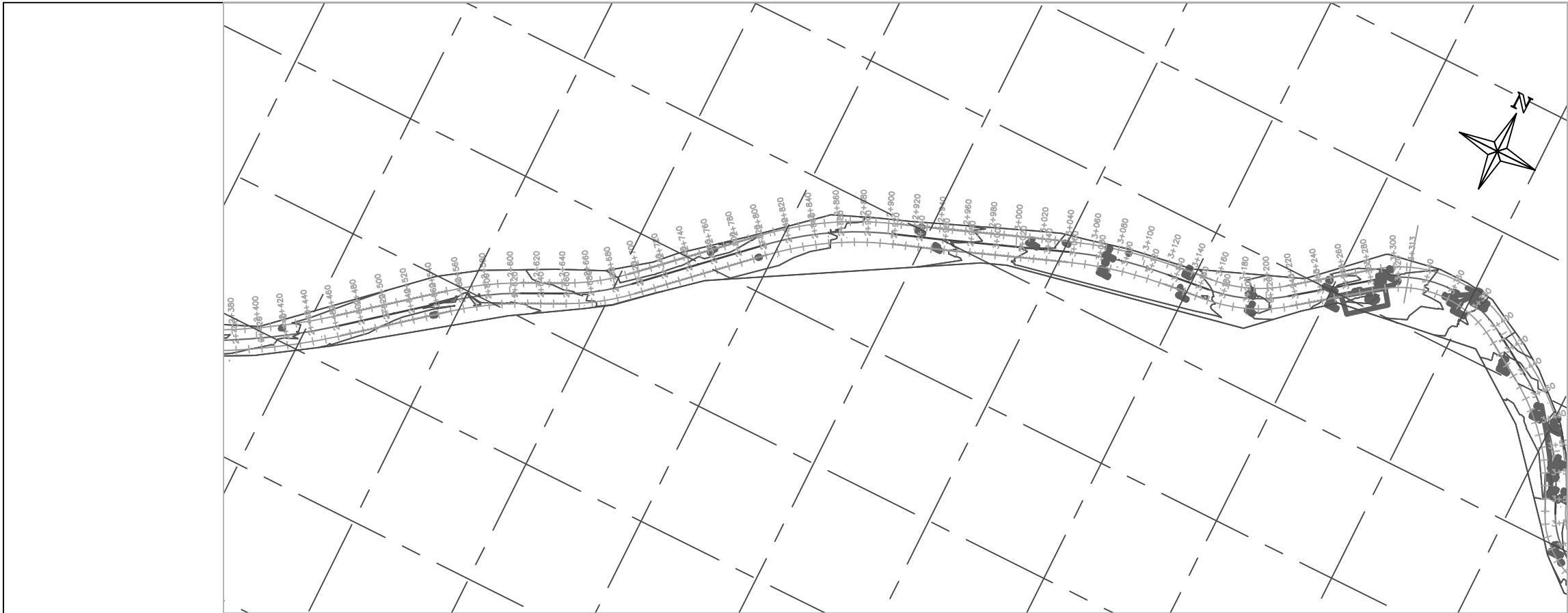




LINE A1 PROFILE
SCALES: HOR. 1:2000 & VER. 1:200

NOTES

- ALL LEVELS ARE IN METERS ABOVE ORDINARY DATUM.
- PIPES ARE TO BE LAID TO EVEN GRADIENTS WITH A MINIMUM COVER OF 1.0M. WHERE COVER IS LESS THAN THIS, PIPE TO BE SURROUNDED WITH CONCRETE.
- ALL BENDS ARE HORIZONTAL UNLESS OTHERWISE STATED.
- LOCATION OF AIR VALVES, WASHOUTS, BENDS AND OTHER FITTINGS AS SHOWN UNLESS OTHERWISE DIRECTED BY THE ENGINEER ON SITE.
- EXACT SETTING OUT OF PIPELINE TO BE DETERMINED ON SITE BY THE ENGINEER
- ALL SOILS ARE RED COFFEE SOILS UNLESS OTHERWISE STATED.

LEGEND

—	PROPOSED PIPELINE
- - -	EXISTING GROUND PROFILE
W	WASHOUT VALVE
DN	NOMINAL DIAMETER
PN	NOMINAL PRESSURE
VB	VERTICAL BEND
HB	HORIZONTAL BEND
SV	SLUICE VALVE
ER	EARTH ROAD
GR	GRAVEL ROAD
CS	CONCRETE SURROUND
⊠	EARTHWORKS (CUT-AWAY)
⊠	DOUBLE AIR VALVE
⊠	WASHOUT VALVE
⊠	SECTIONAL VALVE

BENCHMARKS

POINT	EASTINGS (m)	NORTHINGS (m)	HEIGHT (m)
TBM1	280973.500	9918864.200	1558.096
TBM2	281427.200	9918702.800	1533.156
TBM3	281885.000	9918548.100	1511.129

FOR CONSTRUCTION

Signed C.T.M.S

GITHAGARA-MAIRO ROAD WATER INFRASTRUCTURE RELOCATION PROJECT

CLIENT



TANA WATER SERVICES BOARD
P.O.Box 1292 - 00100
NYERI, KENYA
E mail: info@twsb.co.ke

CLIENTS SIGNATURE _____

FUNDING



THE NATIONAL GOVERNMENT OF KENYA
MINISTRY OF WATER AND SANITATION
P.O.Box
NAIROBI, KENYA
E mail: info@gok.co.ke

DRG TITLE

WATER SUPPLY

PIPELINE HYDRAULIC PLAN AND PROFILE
(LINE A1 SHEET 3 OF 3)

JOB No TWWDA-50/2021

DRG No TWWDA/GIMA/WR-001

DESIGNED MARIKIMENGO

REVISIONS

DRAWN NYAGA MURITHI

A

D

CHECKED ENG.D.NGUGI

B

E

SCALE AS SHOWN (A3)

DATE JUNE, 2021

C

F