

**LEGEND**

- WATER KIOSK
- RESIDENCE TO CONNECT SERVICE PIPE
- uPVC Pipe 50mmDia
- uPVC Pipe 40mmDia
- GI Pipe 20mmDia

OWNER:  
THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

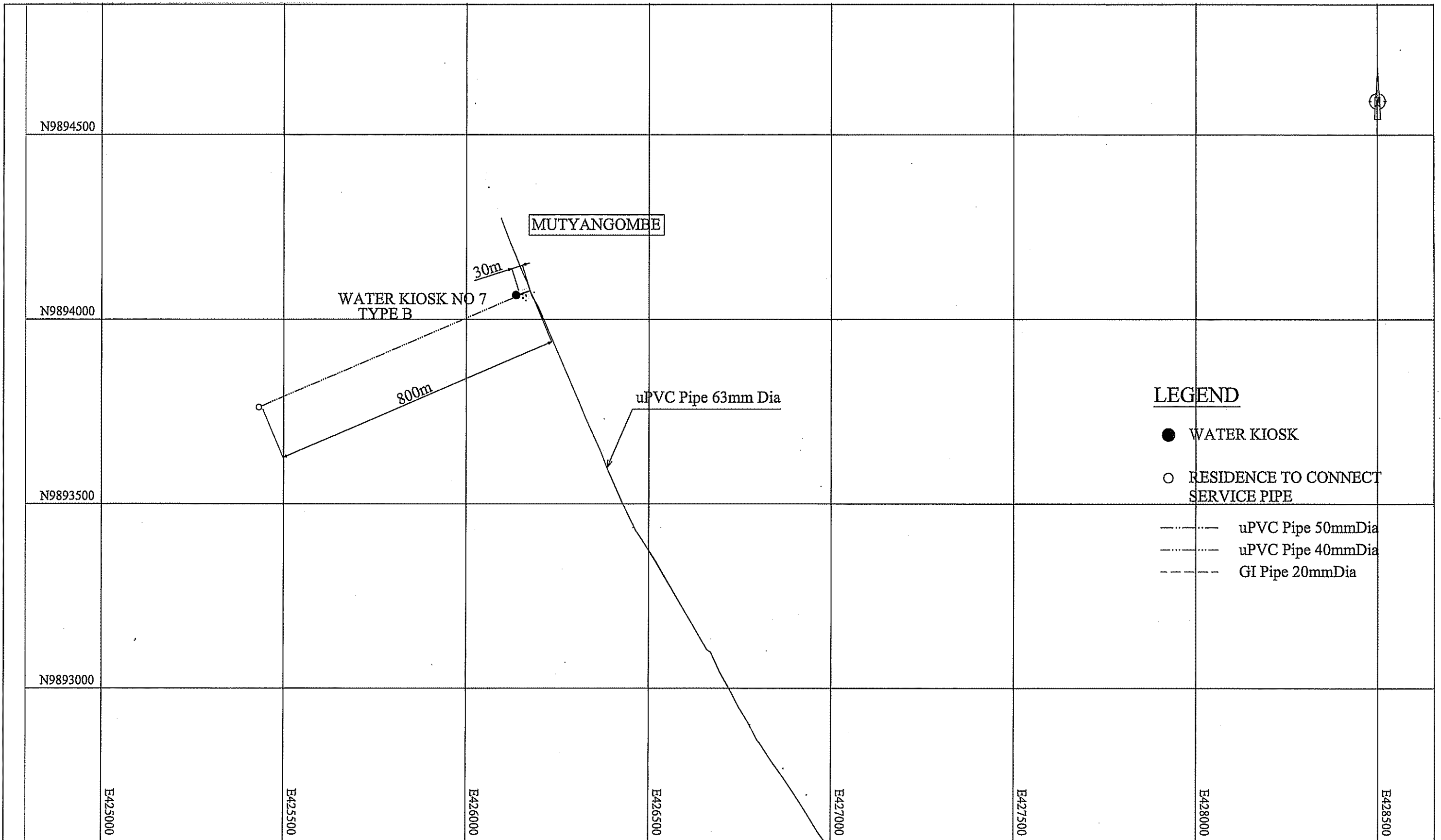
CONSULTING ENGINEERS:  
 **NIPPON KOEI CO.,LTD.**

TITLE:  
**REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PLAN OF TRANSMISSION AND DISTRIBUTION PIPE LINE(4/9)**

SCALE  
1:1000

DATE  
FEB.2006

DRAWING NO.  
WSF-008



**LEGEND**

- WATER KIOSK
- RESIDENCE TO CONNECT SERVICE PIPE
- uPVC Pipe 50mmDia
- uPVC Pipe 40mmDia
- GI Pipe 20mmDia

OWNER:  
THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

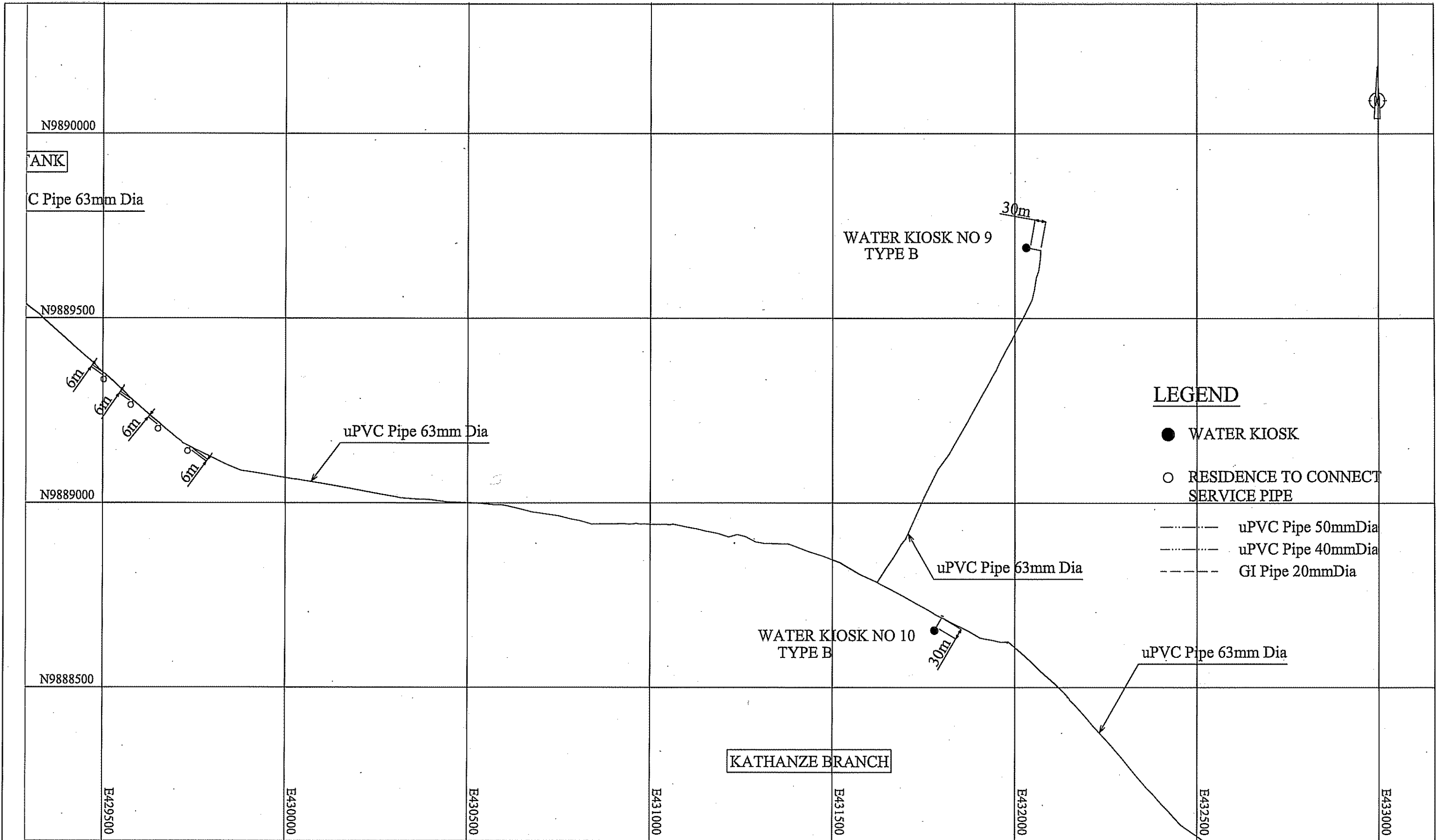
CONSULTING ENGINEERS:  
 **NIPPON KOEI CO.,LTD.**

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PLAN OF TRANSMISSION AND DISTRIBUTION PIPE LINE(5/9)

SCALE  
1:1000


DATE  
FEB.2006

DRAWING NO.  
WSF-009



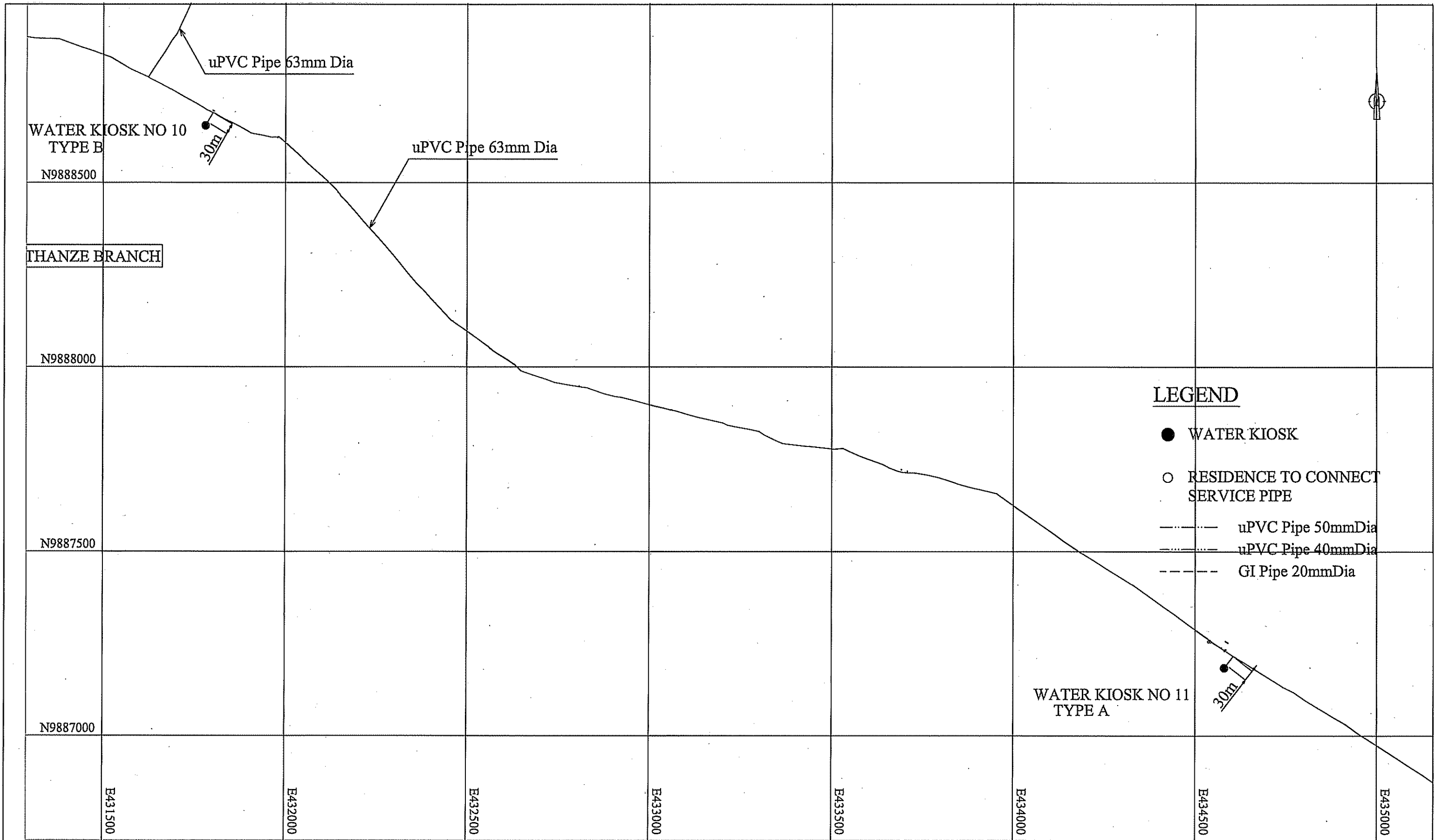
OWNER:  
**THE MINISTRY OF WATER AND IRRIGATION**  
**THE REPUBLIC OF KENYA**

PROJECT NAME:  
**THE PROJECT FOR**  
**RURAL WATER SUPPLY**

CONSULTING ENGINEERS:  
 **NIPPON KOEI CO.,LTD.**


TITLE:  
**REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY**  
**PLAN OF TRANSMISSION AND DISTRIBUTION PIPE LINE(6/9)**

SCALE	DATE	DRAWING NO.
1:1000	FEB.2006	WSF-010



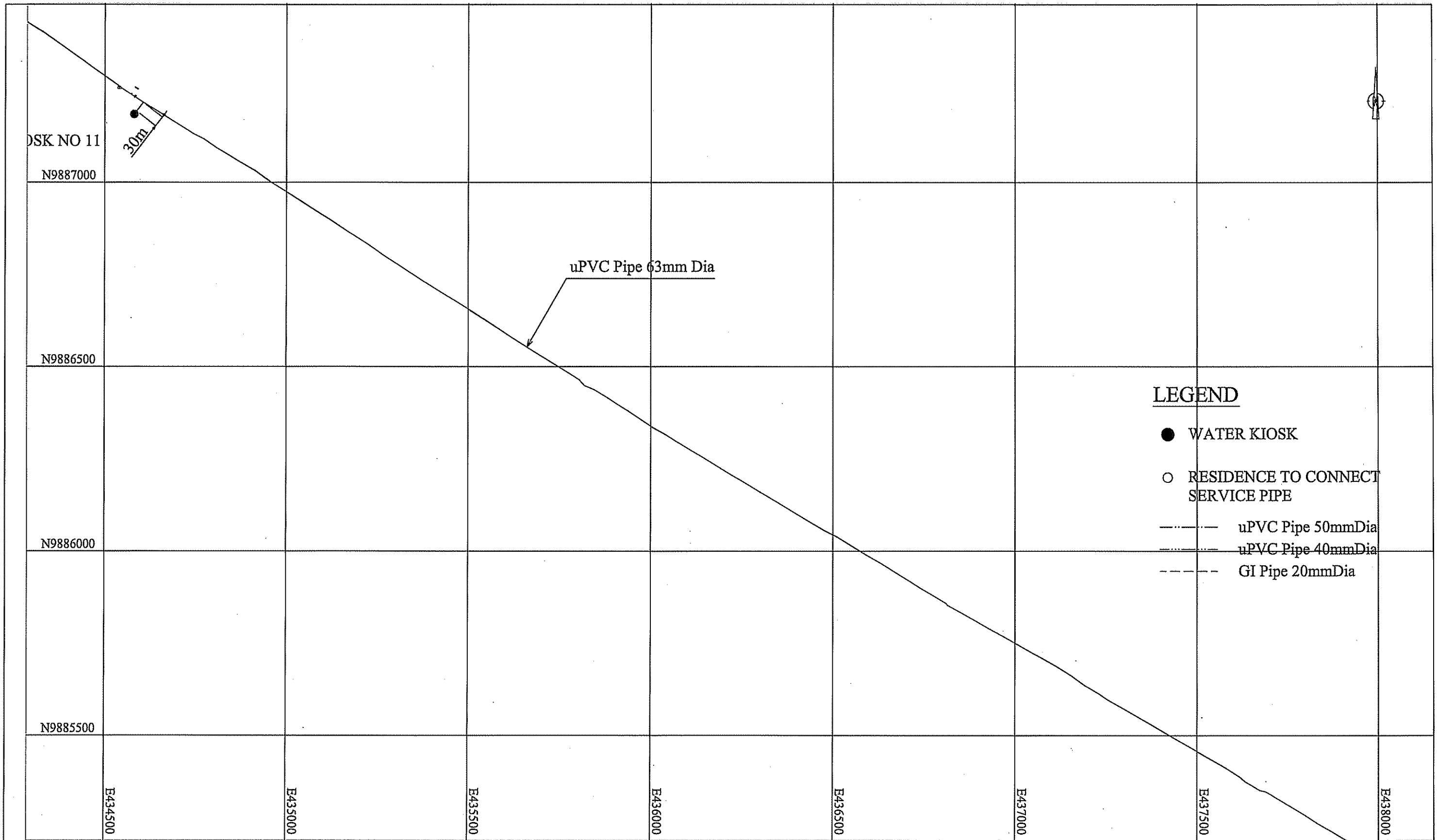
OWNER:  
THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO.,LTD.


TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PLAN OF TRANSMISSION AND DISTRIBUTION PIPE LINE(7/9)

SCALE 1:1000	DATE FEB.2006	DRAWING NO. WSF-011
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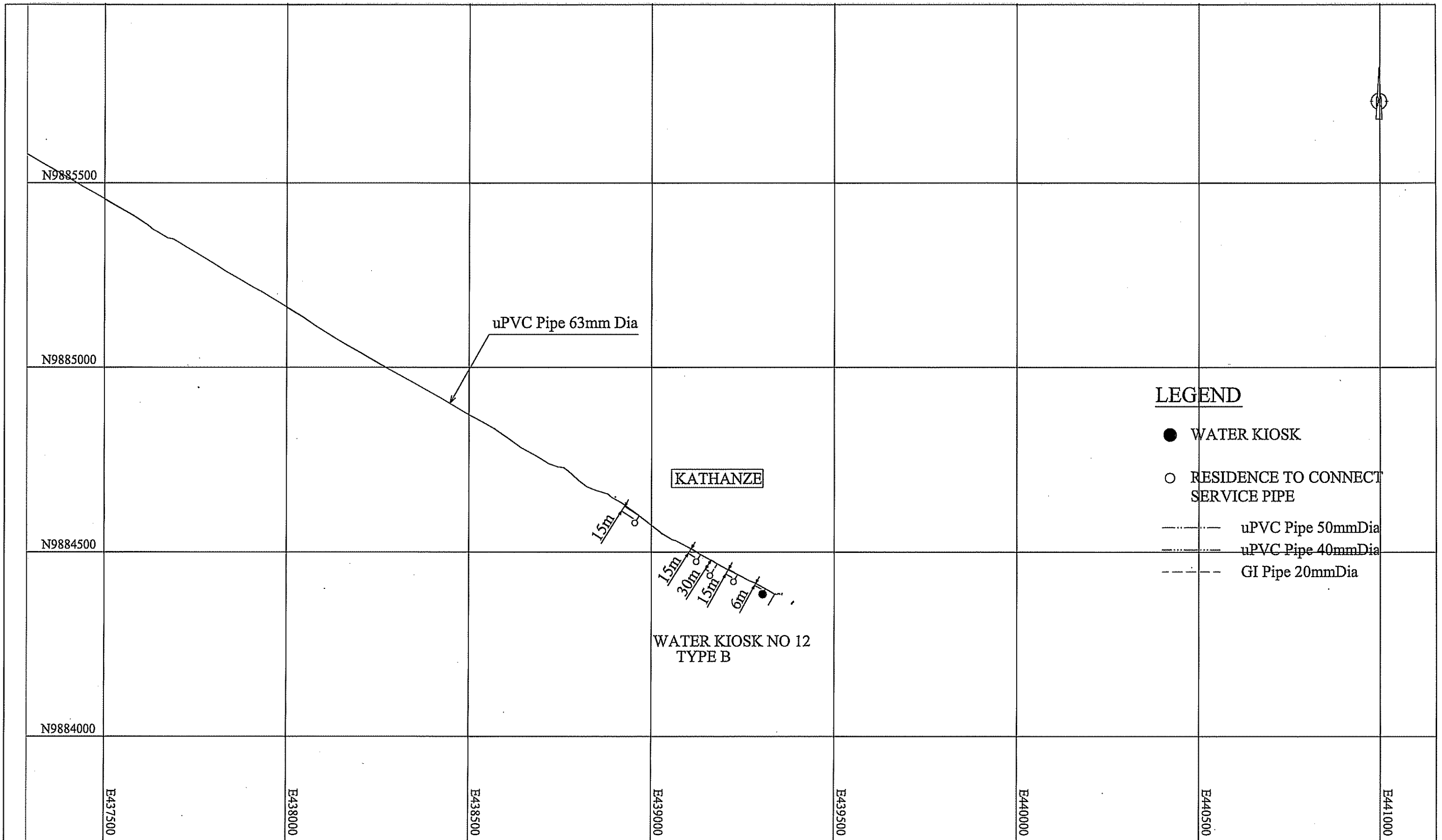
OWNER:  
 THE MINISTRY OF WATER AND IRRIGATION  
 THE REPUBLIC OF KENYA

PROJECT NAME:  
 THE PROJECT FOR  
 RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 **NIPPON KOEI CO.,LTD.**


TITLE:  
 REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
 PLAN OF TRANSMISSION AND DISTRIBUTION PIPE LINE(8/9)

SCALE 1:1000	DATE FEB.2006	DRAWING NO. WSF-012
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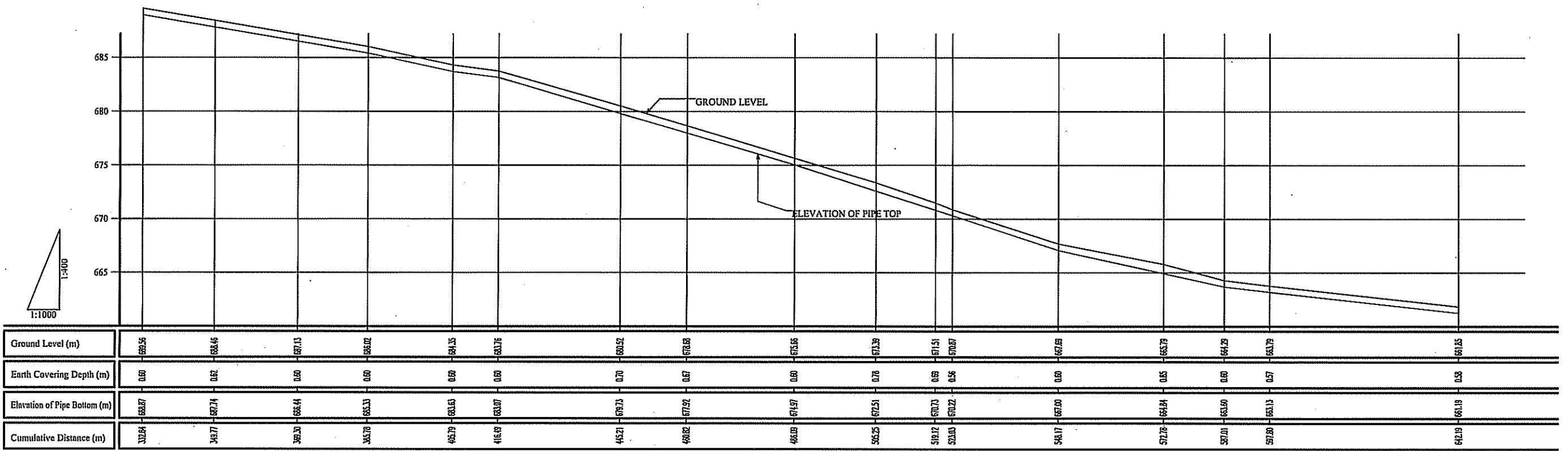
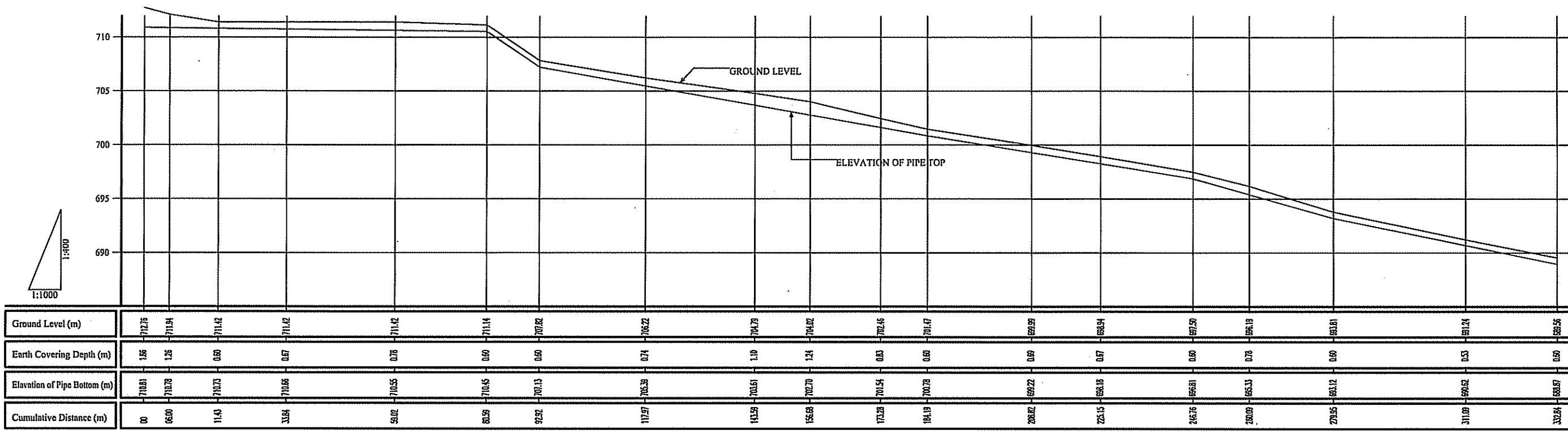
OWNER:  
 THE MINISTRY OF WATER AND IRRIGATION  
 THE REPUBLIC OF KENYA

PROJECT NAME:  
 THE PROJECT FOR  
 RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 **NIPPON KOEI CO.,LTD.**

TITLE:  
 REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
 PLAN OF TRANSMISSION AND DISTRIBUTION PIPE LINE(9/9)

SCALE 1:1000	DATE FEB.2006	DRAWING NO. WSF-013
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OWNER:  
THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO.,LTD.

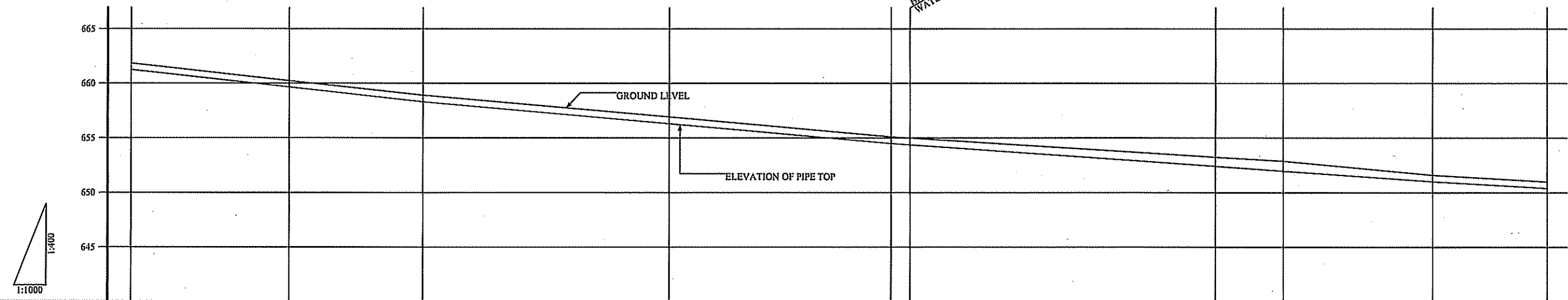
TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(1/40)

SCALE  
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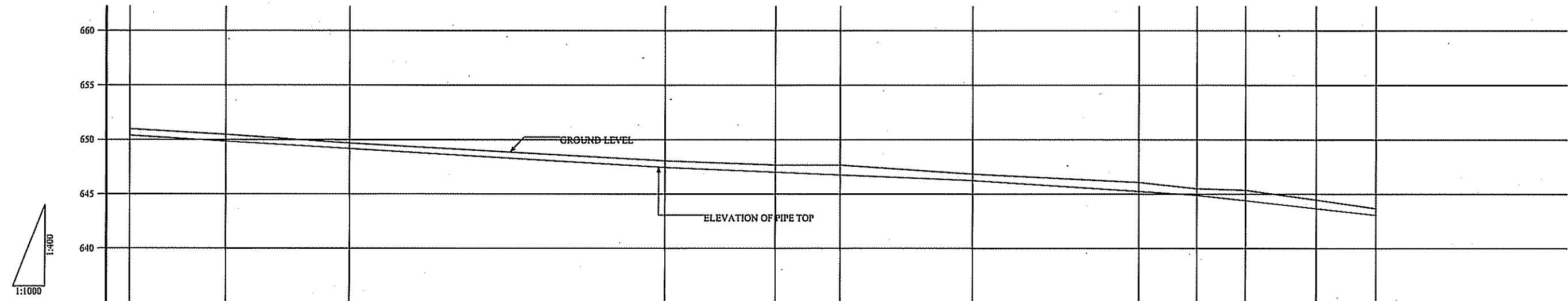
DATE  
FEB.2006

DRAWING NO.  
WSF-014

BRANCH CHAMBER  
WATER KIOSK NO. 1




Ground Level (m)	661.65	660.24	658.91	658.54	655.19	654.99	653.24	652.89	651.51	650.99
Earth Covering Depth (m)	0.58	0.57	0.60	0.63	0.60	0.51	0.63	0.62	0.60	0.61
Elevation of Pipe Bottom (m)	661.19	659.56	658.27	657.72	654.41	654.29	652.32	651.85	650.92	650.29
Cumulative Distance (m)	642.19	676.91	702.56	717.11	818.6	823.00	883.97	900.71	944.41	971.21



Ground Level (m)	650.89	650.49	649.70	648.06	647.57	647.65	646.25	646.08	645.50	645.36	644.47	643.57
Earth Covering Depth (m)	0.61	0.63	0.62	0.60	0.65	0.91	0.60	0.63	0.60	0.66	0.79	0.80
Elevation of Pipe Bottom (m)	650.29	649.76	649.09	647.37	646.93	646.68	645.16	645.16	644.81	644.31	643.59	642.99
Cumulative Distance (m)	971.21	993.35	1022.27	1085.16	1120.19	1136.10	1166.56	1205.30	1218.23	1230.08	1246.19	1260.23

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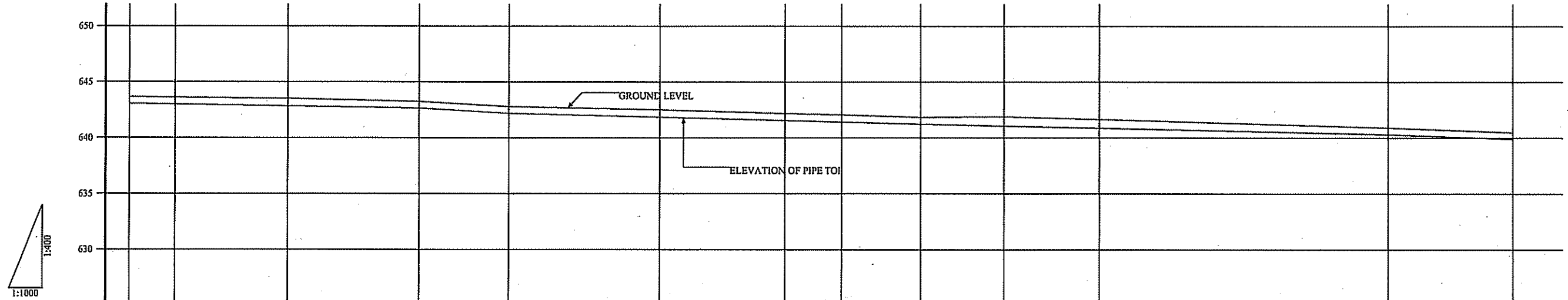
PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.

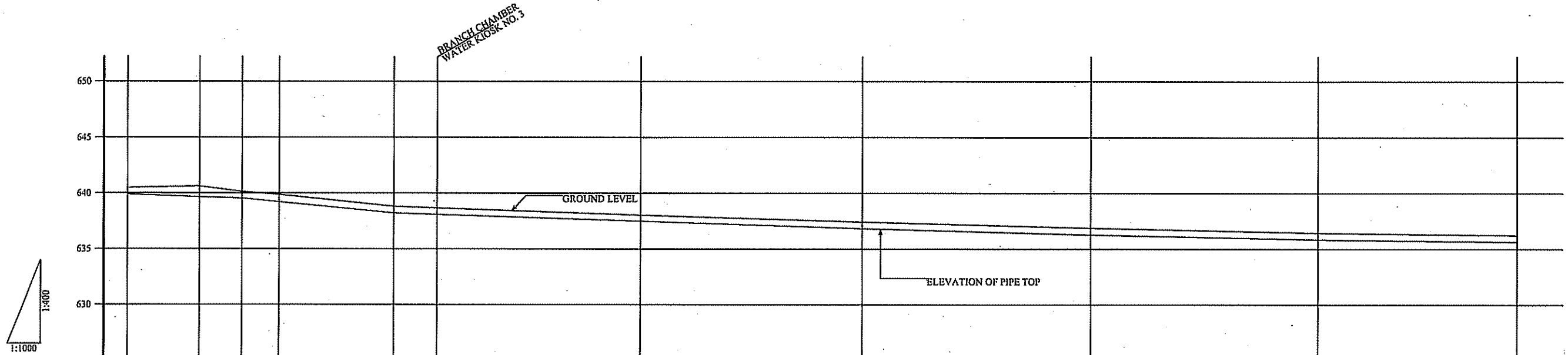
TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(2/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-015
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Ground Level (m)	643.57	643.51	643.53	643.25	642.78	642.51	642.19	641.07	641.24	641.90	641.56	640.97	640.50
Earth Covering Depth (m)	0.50	0.50	0.58	0.50	0.50	0.57	0.53	0.55	0.50	0.53	0.78	0.50	0.59
Elevation of Pipe Bottom (m)	643.08	642.92	642.75	642.56	642.10	641.75	641.66	641.33	641.15	640.99	640.80	640.33	639.83
Cumulative Distance (m)	1260.29	1270.71	1285.20	1325.00	1346.20	1380.10	1408.86	1421.56	1433.89	1458.59	1480.17	1545.67	1574.07



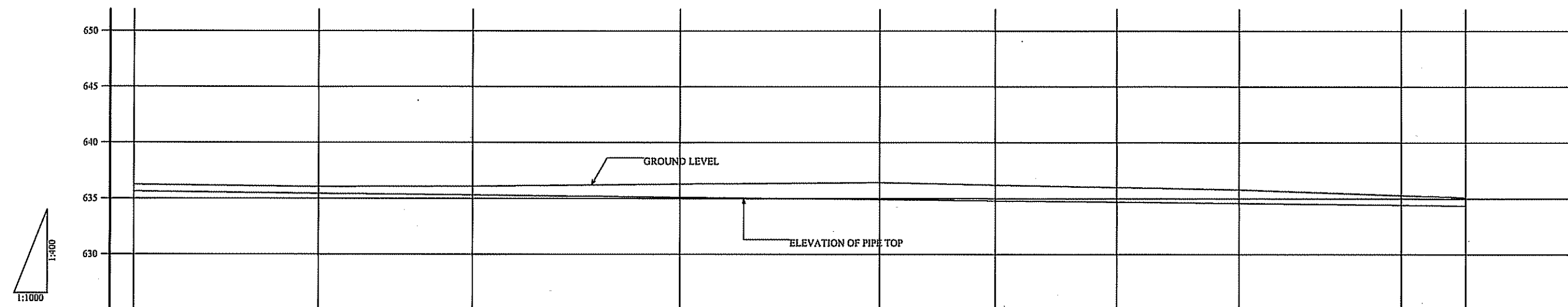
Ground Level (m)	640.50	640.63	640.14	639.89	639.83	639.68	639.04	637.43	636.88	636.45	636.25
Earth Covering Depth (m)	0.50	0.55	0.50	0.57	0.50	0.59	0.54	0.60	0.60	0.60	0.60
Elevation of Pipe Bottom (m)	639.83	639.59	639.45	639.13	639.14	639.01	637.40	636.71	636.19	635.76	635.56
Cumulative Distance (m)	1574.07	1594.44	1600.05	1606.46	1634.45	1642.27	1680.27	1749.44	1792.16	1843.59	1888.74

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THE REPUBLIC OF KENYA

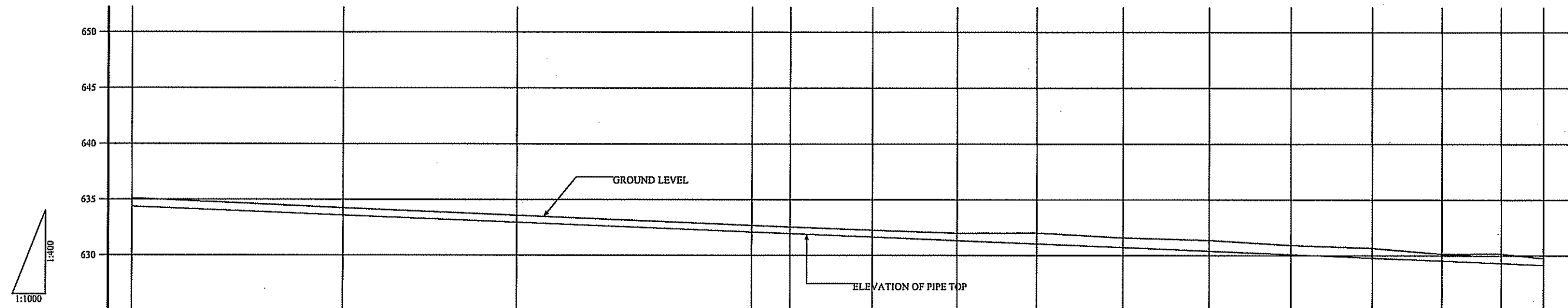
PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(3/40)  
SCALE  
H = 1:1000  
V = 1:400  
DATE  
FEB.2006  
DRAWING NO.  
WSF-016




Ground Level (m)	636.25	636.06	635.89	635.30	635.44	635.22	635.01	635.80	635.30	635.12
Earth Covering Depth (m)	0.00	0.00	0.08	1.18	1.51	1.40	1.31	1.22	0.07	0.05
Elevation of Pipe Bottom (m)	635.56	635.27	635.22	634.00	634.84	634.72	634.61	634.69	634.24	634.29
Cumulative Distance (m)	1988.74	1993.51	1995.41	2012.29	2057.75	2065.85	2111.55	2130.25	2173.93	2190.64



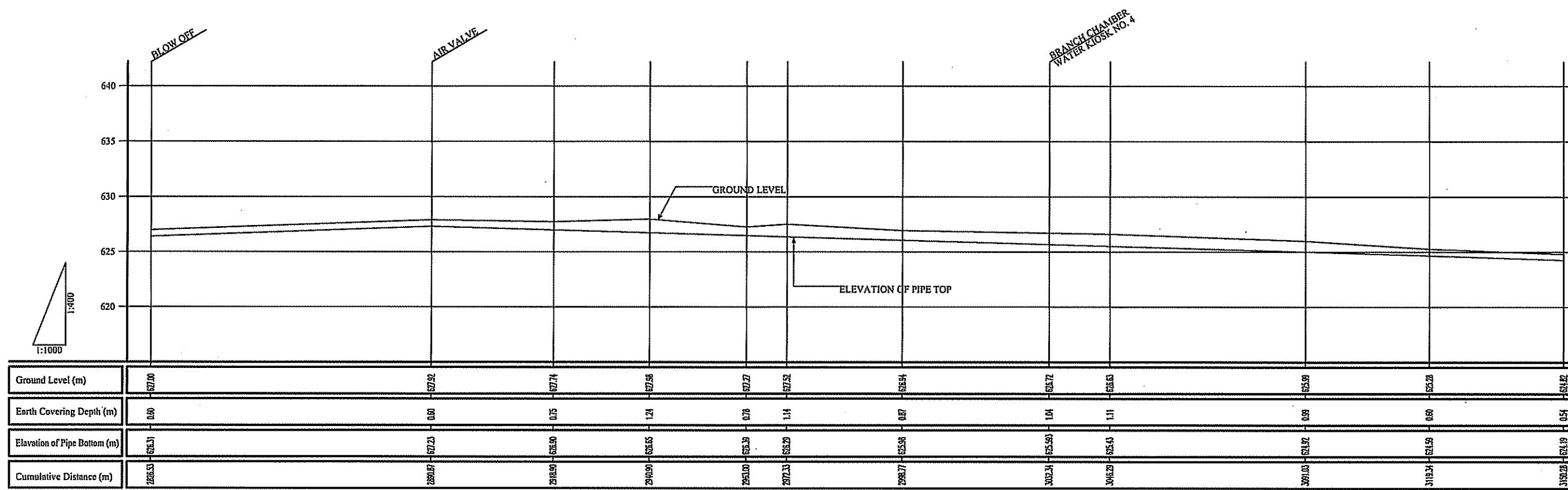
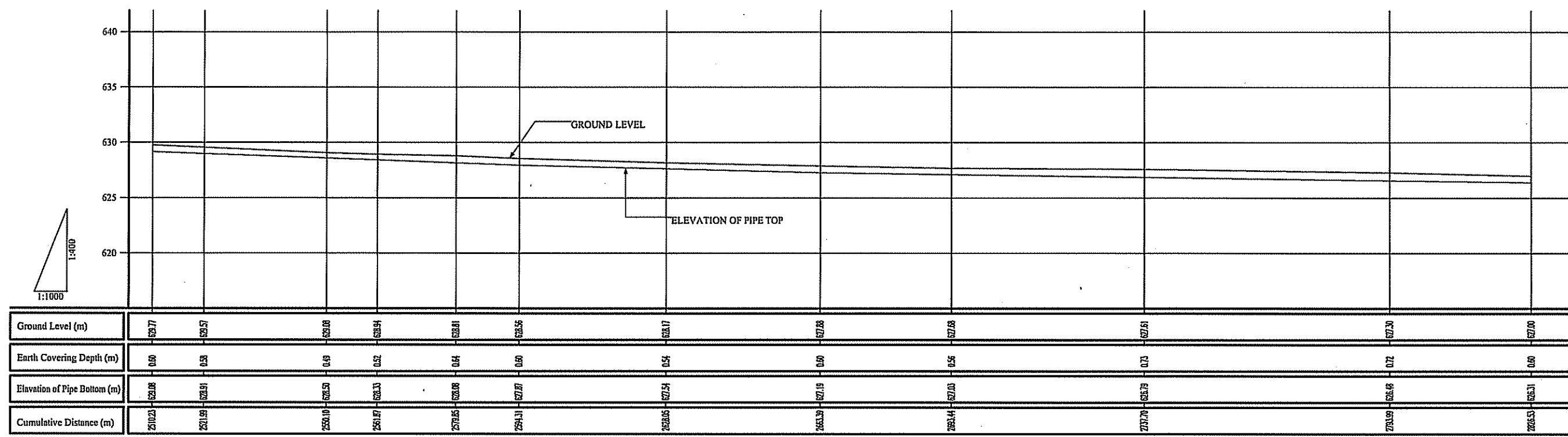
Ground Level (m)	635.12	634.26	633.59	632.71	632.56	632.27	632.00	632.04	631.60	631.38	630.94	630.88	630.15	630.18	629.77
Earth Covering Depth (m)	0.15	0.56	0.63	0.80	0.60	0.61	0.65	0.69	0.66	0.56	0.63	0.66	0.80	0.85	0.80
Elevation of Pipe Bottom (m)	634.28	633.51	632.87	631.92	631.87	631.57	631.36	631.36	630.94	630.82	630.32	630.22	629.36	629.24	629.08
Cumulative Distance (m)	2190.64	2238.45	2277.80	2330.94	2339.59	2353.30	2377.35	2385.50	2415.02	2431.39	2453.00	2471.35	2487.15	2500.65	2512.23

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THE MINISTRY OF WATER AND IRRIGATION  
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CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(4/40)  
SCALE  
H = 1:1000  
V = 1:400  
DATE  
FEB.2006  
DRAWING NO.  
WSF-017



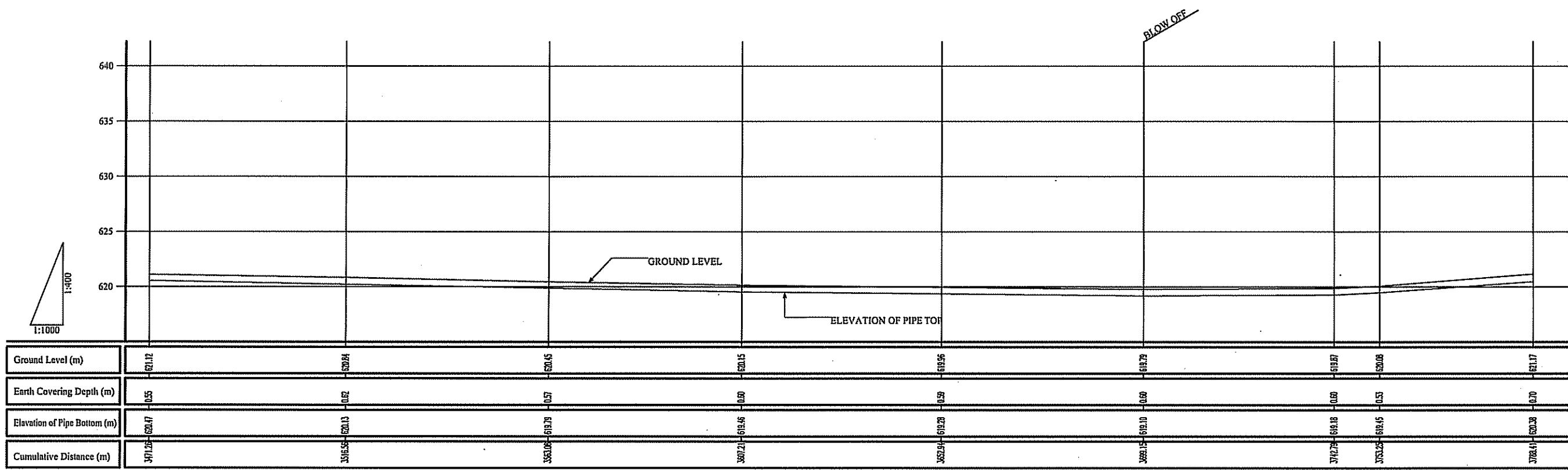
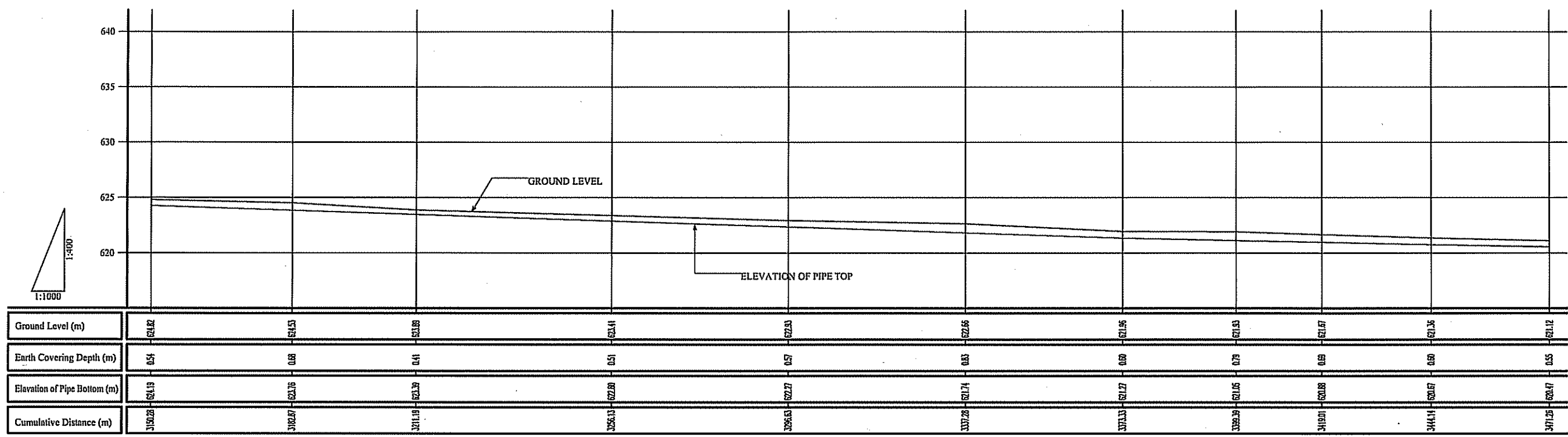
OWNER:  
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THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.


TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(5/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-018
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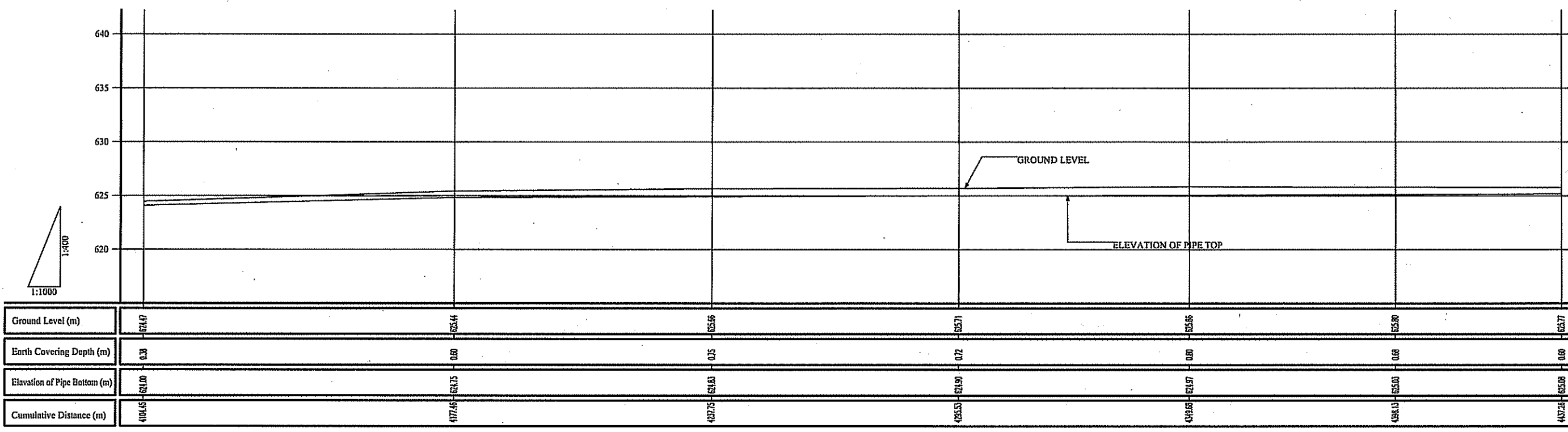
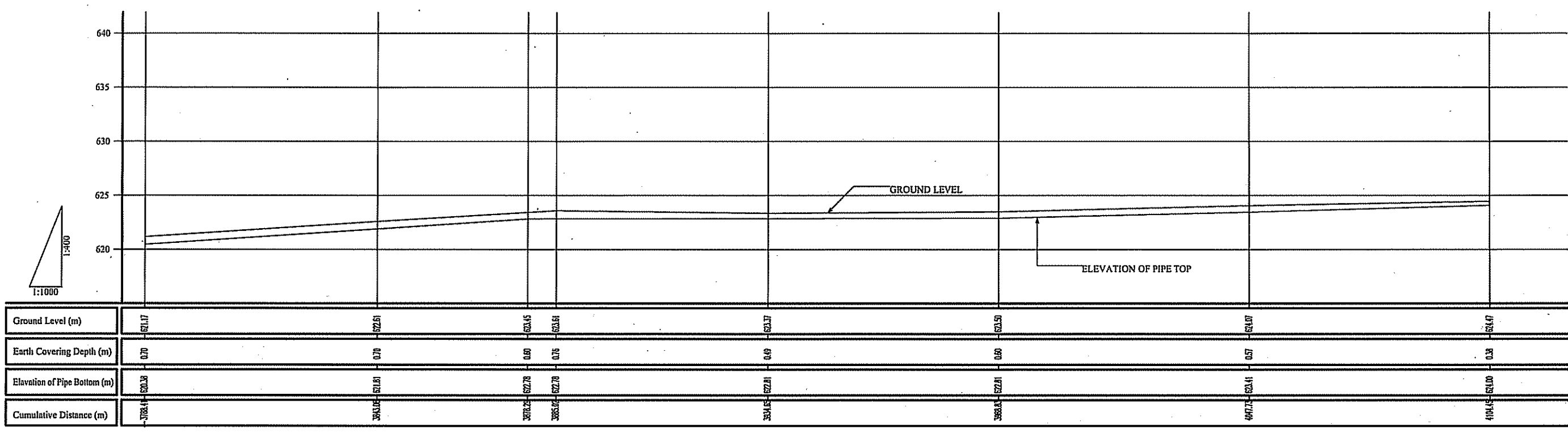
OWNER:  
THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO.,LTD.


TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(6/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-019
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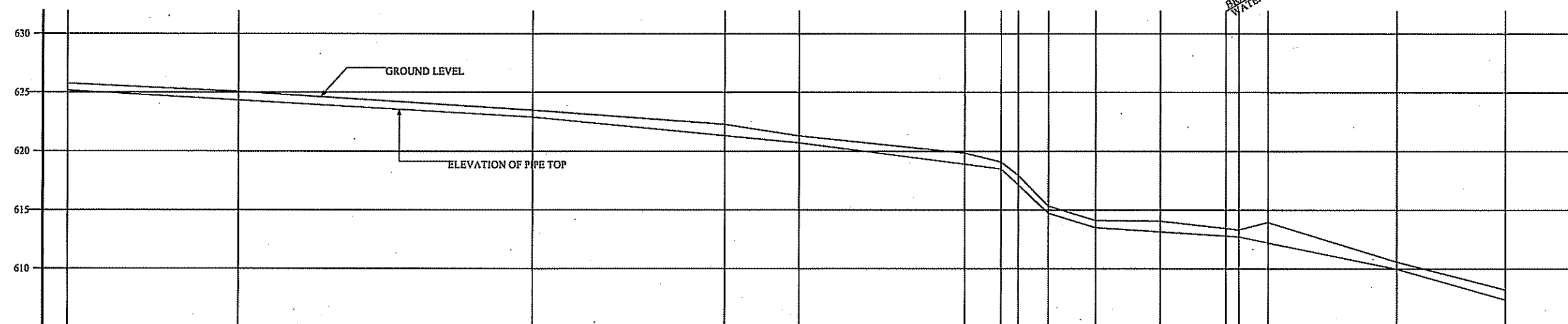
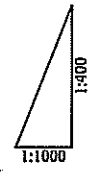
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THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

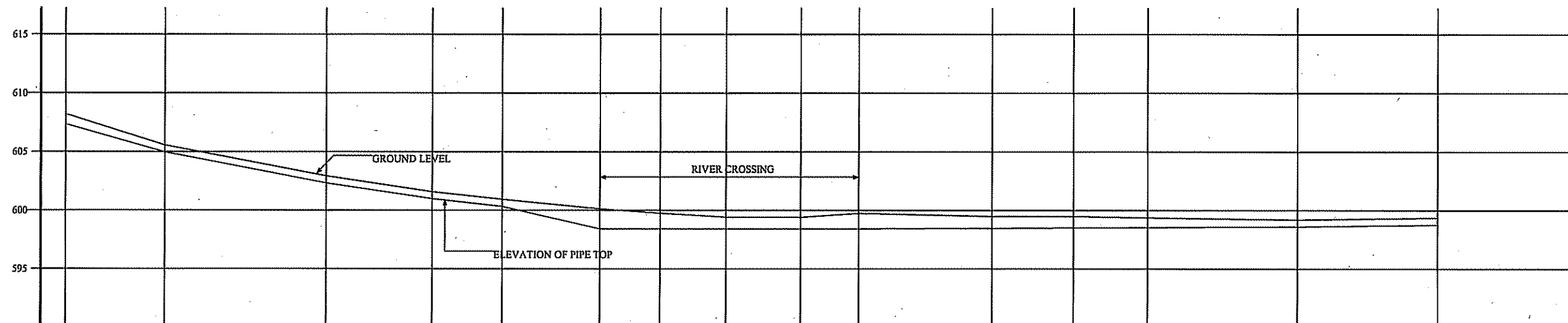
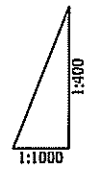
CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(7/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-020
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Ground Level (m)	625.77	625.08	623.59	622.29	621.32	619.87	619.10	617.95	616.35	614.11	611.05	613.45	613.33	613.97	610.59	608.23
Earth Covering Depth (m)	0.60	0.74	0.60	0.95	0.60	0.95	0.60	0.61	0.60	0.60	0.61	0.65	0.60	1.75	0.60	0.67
Elevation of Pipe Bottom (m)	625.11	624.28	622.94	621.27	620.55	618.84	618.43	617.29	615.69	613.45	610.10	612.74	612.55	612.15	609.93	607.20
Cumulative Distance (m)	0.00	36.66	100.43	141.77	157.55	193.52	201.42	205.12	211.72	222.06	235.08	249.56	252.81	259.17	265.94	316.43



Ground Level (m)	608.23	605.58	602.94	601.59	600.94	600.13	599.76	599.42	599.40	599.75	599.49	599.49	599.37	599.26	599.37
Earth Covering Depth (m)	0.67	0.60	0.60	0.60	0.60	0.70	1.13	0.99	0.97	1.12	1.00	0.97	0.83	0.60	0.60
Elevation of Pipe Bottom (m)	607.30	604.91	602.28	600.93	600.28	599.36	598.37	598.37	598.36	598.37	598.42	598.46	598.71	598.54	598.71
Cumulative Distance (m)	316.43	331.83	368.7	398.56	404.69	425.71	438.63	452.62	462.05	461.54	510.11	527.28	543.70	576.13	606.31

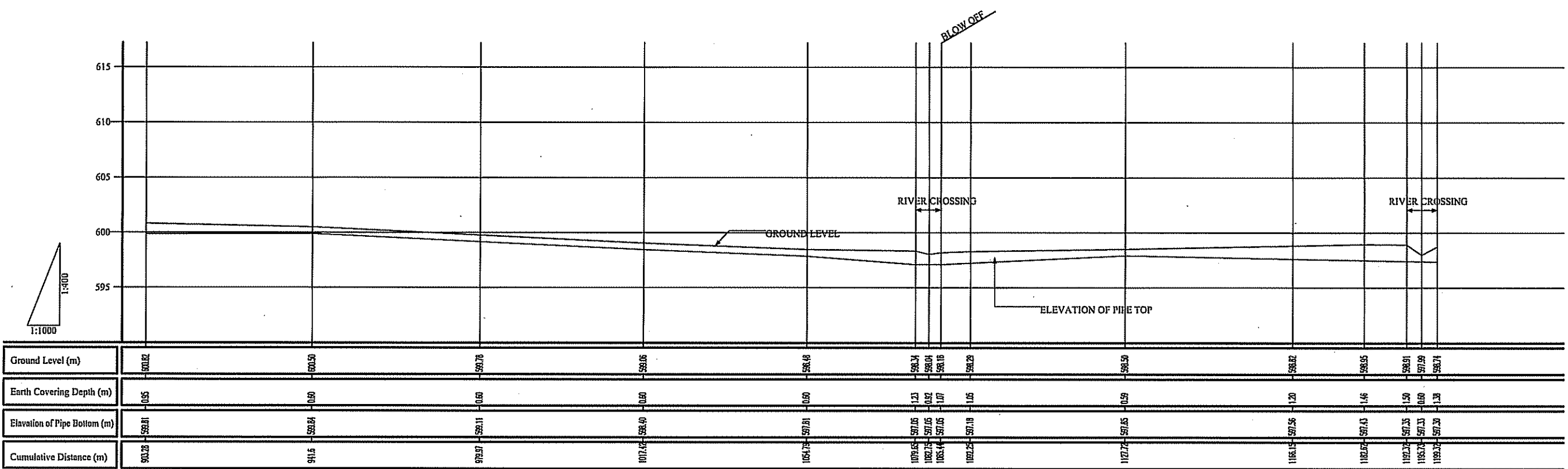
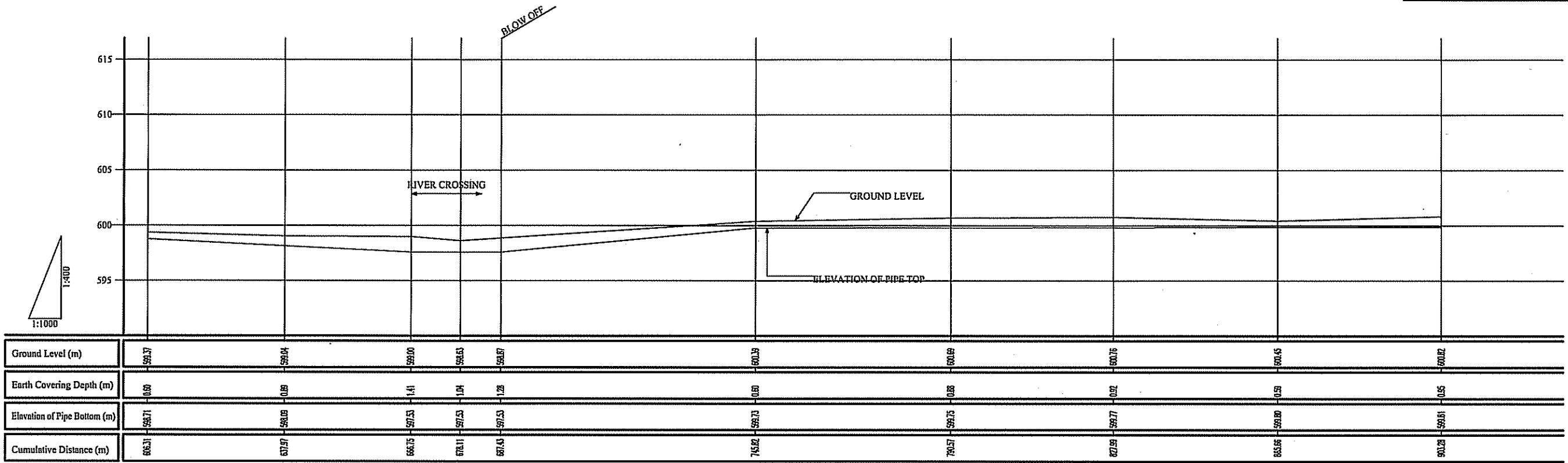
OWNER:  
THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.


TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(8/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-021
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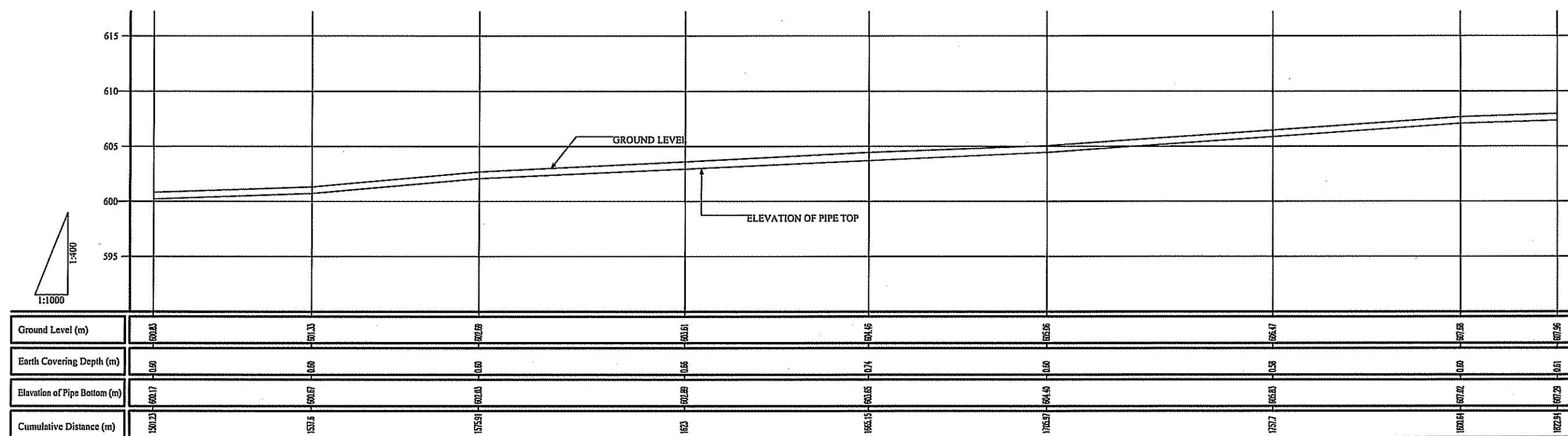
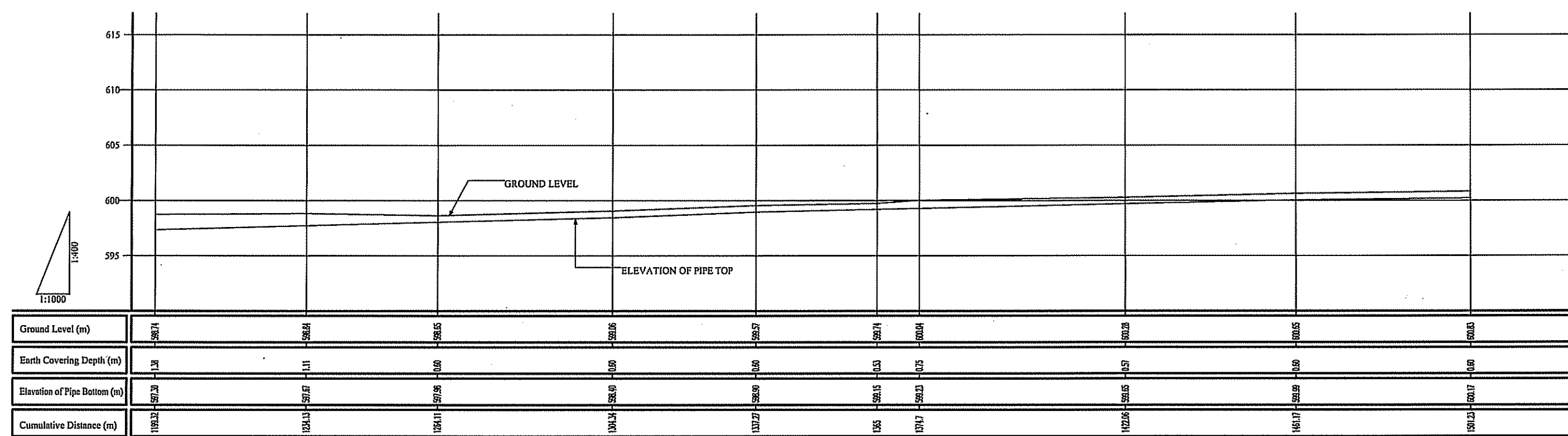
OWNER:  
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THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.


TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(9/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-022
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THE REPUBLIC OF KENYA

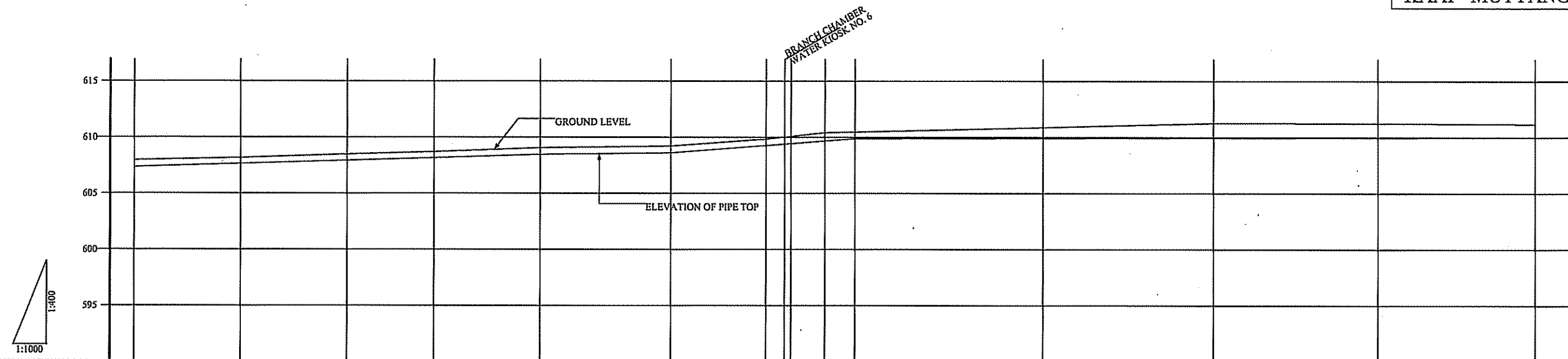
PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.

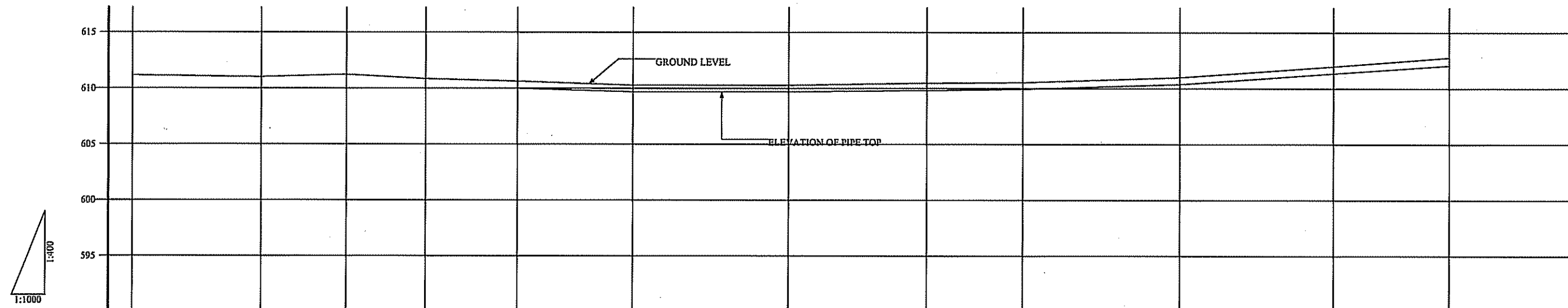
TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(10/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-023
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Ground Level (m)	607.96	608.16	608.49	608.72	609.07	609.22	609.65	610.07	610.43	610.88	611.27	611.25	611.18
Earth Covering Depth (m)	0.61	0.52	0.56	0.54	0.60	0.60	0.59	0.63	0.76	0.67	1.13	1.28	1.18
Elevation of Pipe Bottom (m)	607.29	607.59	607.87	608.11	608.40	608.55	609.20	609.33	609.61	609.84	609.88	609.91	609.00
Cumulative Distance (m)	1822.4	1871.3	1871.07	1880.85	1914.87	1944.31	1953.81	1970.09	1973.21	1983.01	2033.55	2067.11	2143.16



Ground Level (m)	611.18	611.02	611.24	610.66	610.64	610.29	610.29	610.49	610.55	611.00	611.93	612.78
Earth Covering Depth (m)	1.18	1.02	1.23	0.65	0.63	0.60	0.60	0.65	0.60	0.60	0.63	0.71
Elevation of Pipe Bottom (m)	610.00	609.94	609.94	609.94	609.94	609.63	609.63	609.78	609.88	610.33	611.29	612.01
Cumulative Distance (m)	2143.16	2182.34	2183.27	2205.54	2227.34	2253.37	2288.54	2319.67	2341.37	2376.9	2411.71	2437.83

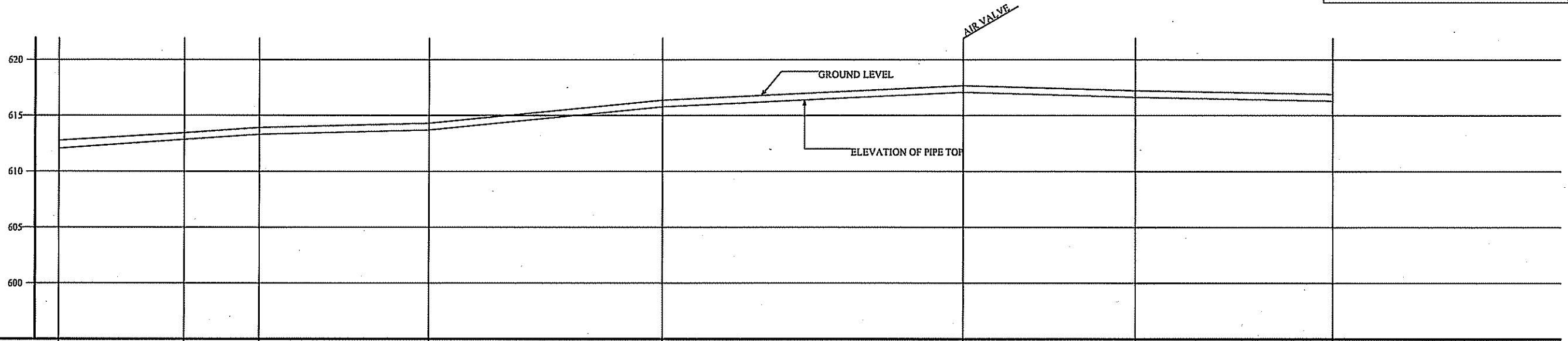
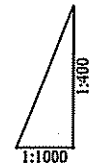
OWNER:  
THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

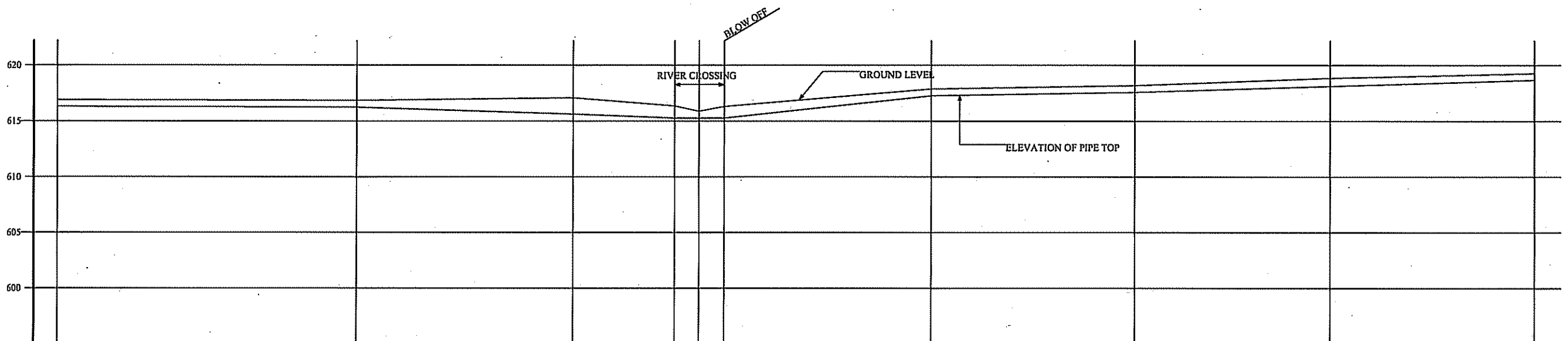
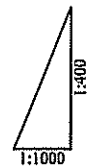
CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(11/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-024
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Ground Level (m)	612.78	613.45	613.92	614.30	614.58	617.89	617.25	616.91
Earth Covering Depth (m)	0.71	0.60	0.60	0.60	0.60	0.60	0.60	0.60
Elevation of Pipe Bottom (m)	612.07	612.79	613.32	613.70	613.98	617.29	616.65	616.31
Cumulative Distance (m)	2457.08	2463.3	2463.37	2521.05	2574.93	2643.27	2682.25	2721.13



Ground Level (m)	616.91	616.65	617.09	616.37	616.59	616.31	617.89	618.19	618.5	618.2
Earth Covering Depth (m)	0.60	0.60	1.44	1.06	0.60	1.02	0.60	0.60	0.73	0.60
Elevation of Pipe Bottom (m)	616.31	616.05	615.65	615.31	615.99	615.29	617.29	617.59	617.83	617.6
Cumulative Distance (m)	2721.13	2751.19	2844.18	2851.17	2872.77	2878.41	2878.34	2871.5	3005.91	3062.51

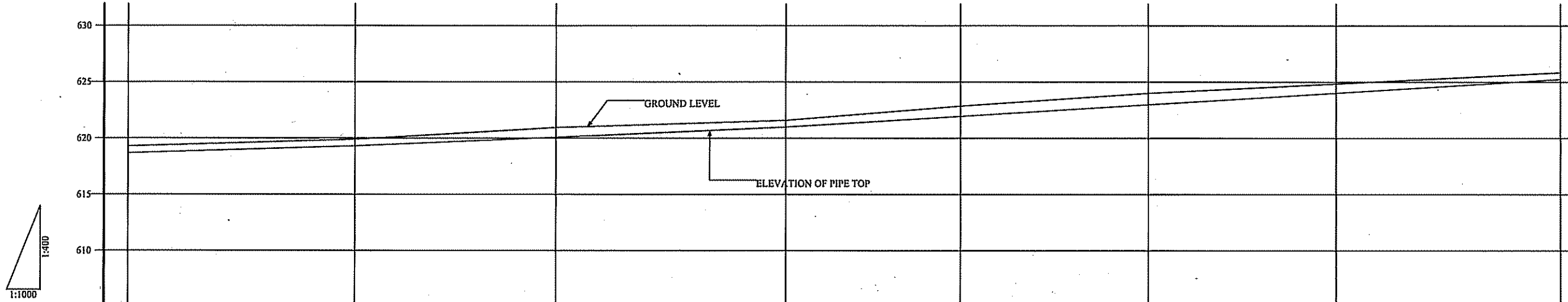
OWNER:  
THE MINISTRY OF WATER AND IRRIGATION  
THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

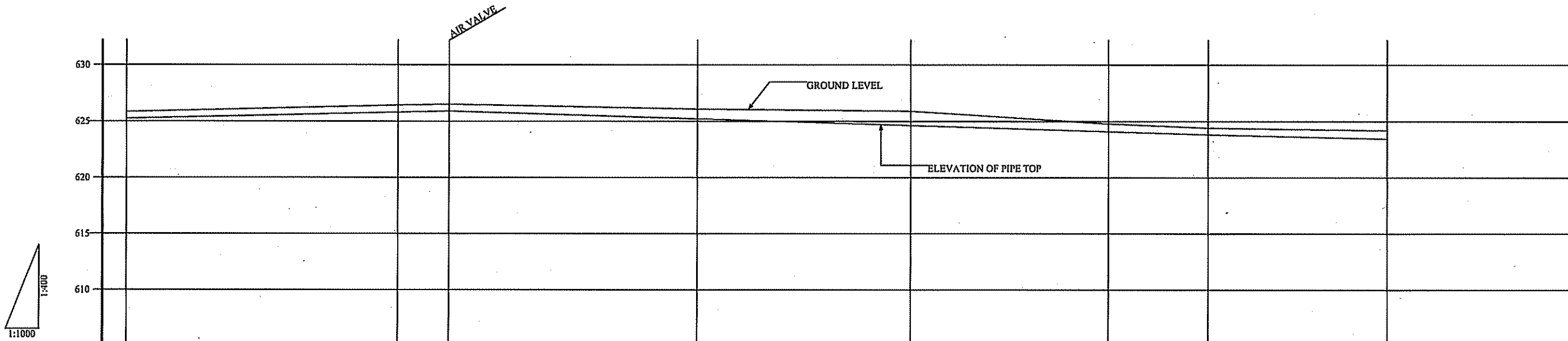
CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(12/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-025
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Ground Level (m)	619.28	619.29	620.94	621.59	622.88	623.99	624.84	625.84
Earth Covering Depth (m)	0.00	0.00	0.05	0.00	0.01	0.01	0.00	0.00
Elevation of Pipe Bottom (m)	619.28	619.29	620.03	620.03	621.88	622.97	624.85	625.84
Cumulative Distance (m)	3092.55	3111.89	3138.9	3170.67	3209.92	3251.26	3304.61	3363.19



Ground Level (m)	625.84	626.44	626.51	626.09	625.91	624.80	624.47	624.20
Earth Covering Depth (m)	0.00	0.03	0.00	0.06	1.27	0.71	0.00	1.21
Elevation of Pipe Bottom (m)	625.84	626.41	626.51	626.17	624.64	624.09	624.47	625.41
Cumulative Distance (m)	3363.19	3446.35	3492.27	3513.67	3561.54	3661	3682.05	3688.88

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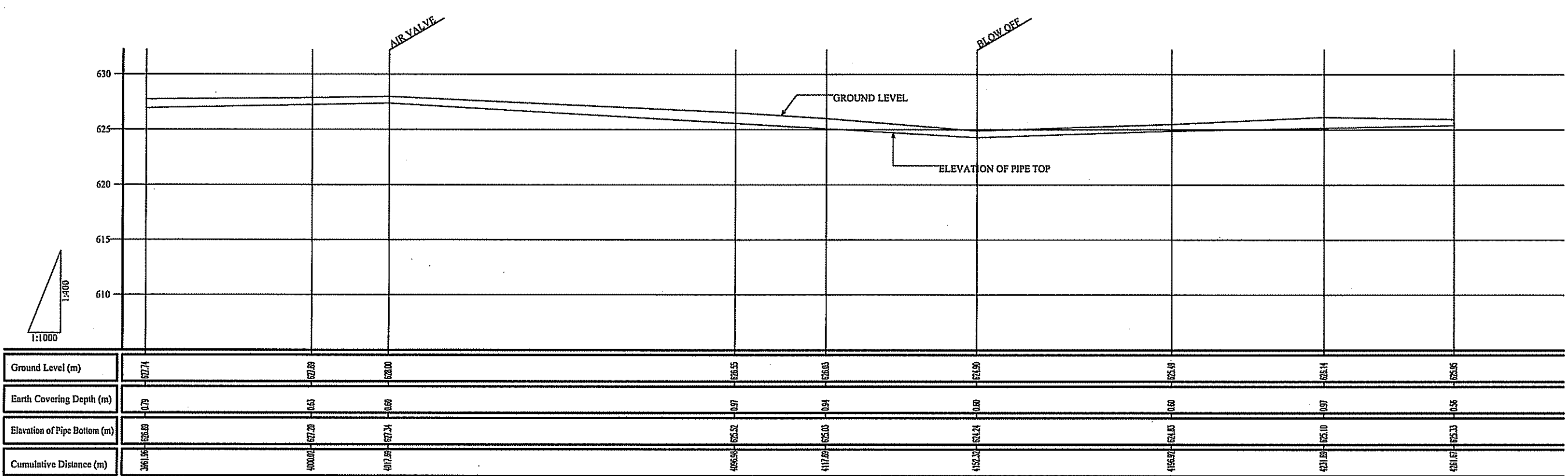
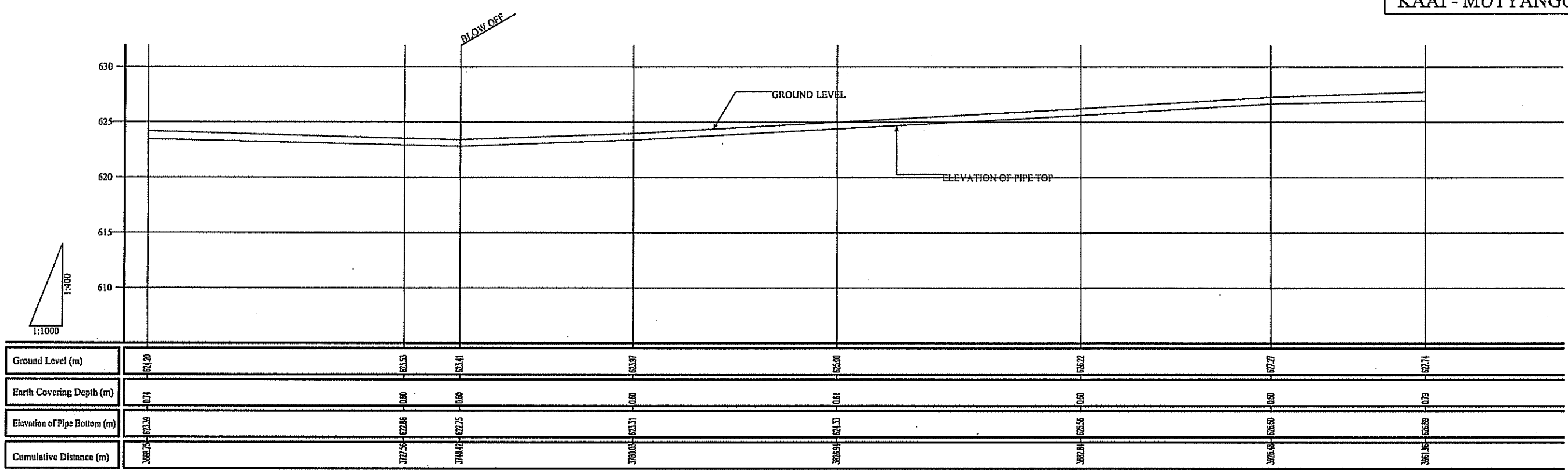
CONSULTING ENGINEERS:  
 NIPPON KOEI CO.,LTD.

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(13/40)

SCALE  
H = 1:1000  
V = 1:400

DATE  
FEB.2006

DRAWING NO.  
WSF-026



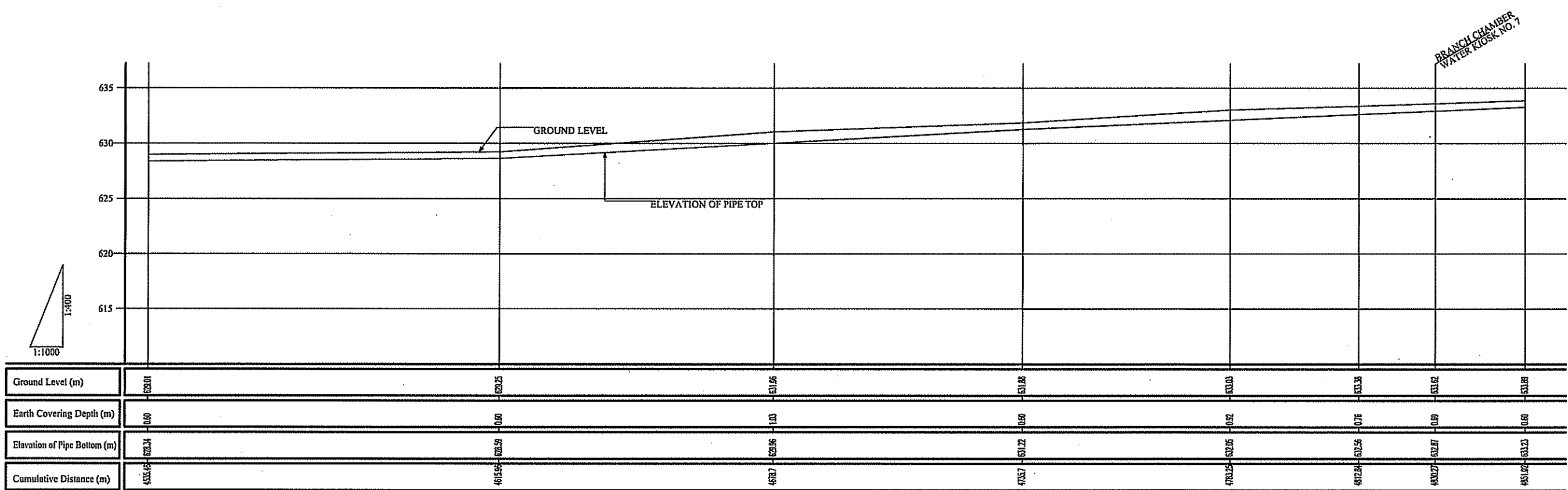
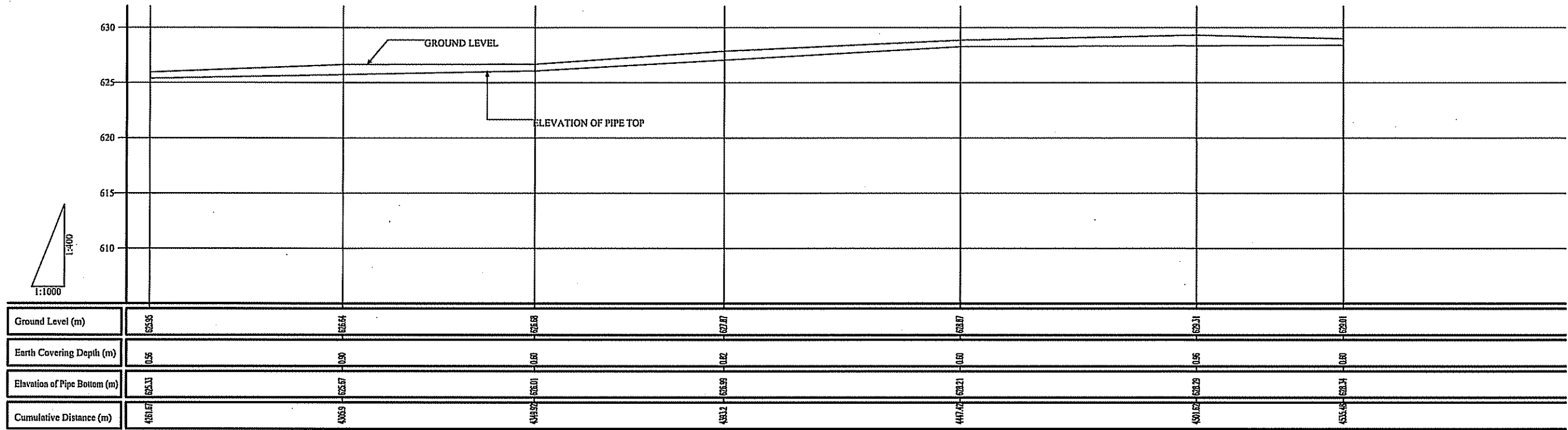
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PROJECT NAME:  
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RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 **NIPPON KOEI CO.,LTD.**

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(14/40)


SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-027
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BRANCH CHAMBER  
WATER KIOSK NO. 7

OWNER:  
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THE REPUBLIC OF KENYA

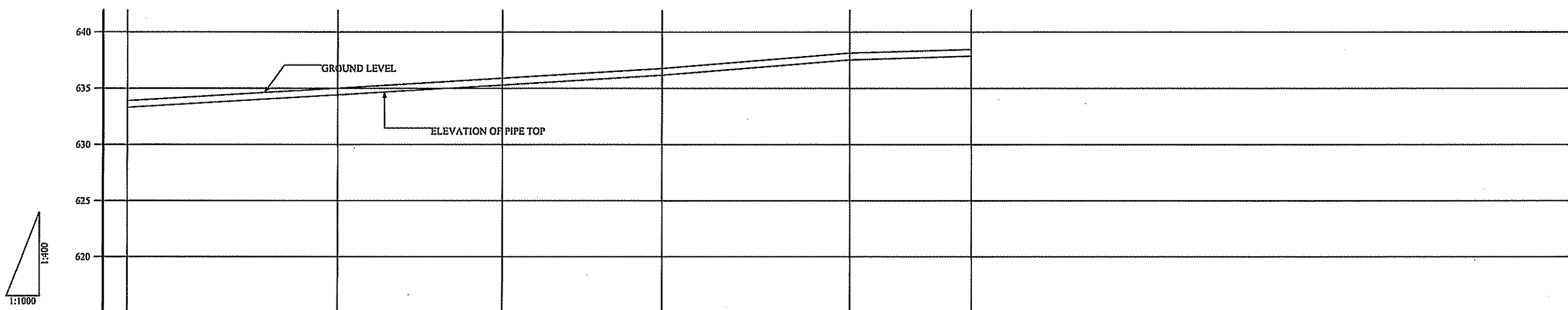
PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

CONSULTING ENGINEERS:  
 NIPPON KOEI CO., LTD.

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(15/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-028
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MUTYANGOMBE



Ground Level (m)	633.89	635.01	635.90	636.77	637.14	637.47
Earth Covering Depth (m)	0.60	0.60	0.60	0.60	0.60	0.60
Elevation of Pipe Bottom (m)	633.29	634.41	635.30	636.17	636.54	636.87
Cumulative Distance (m)	488.00	488.60	491.50	497.64	501.36	504.33

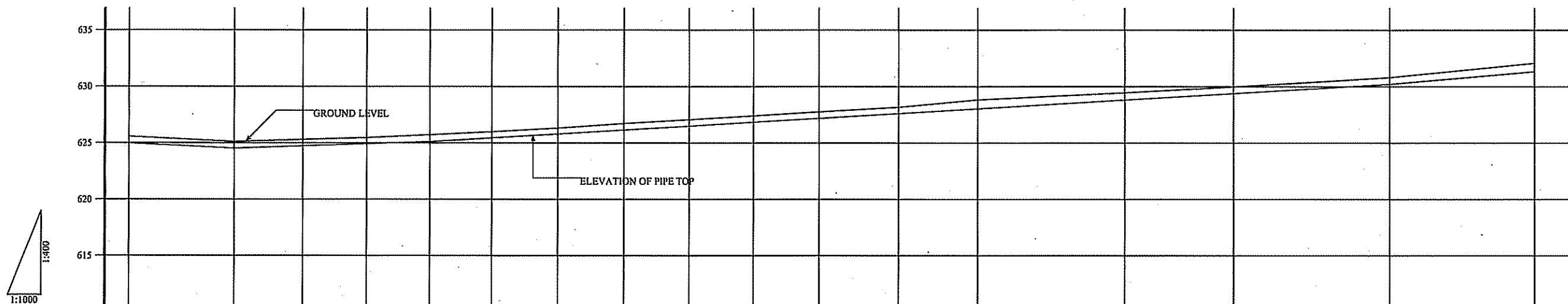
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THE REPUBLIC OF KENYA

PROJECT NAME:  
THE PROJECT FOR  
RURAL WATER SUPPLY

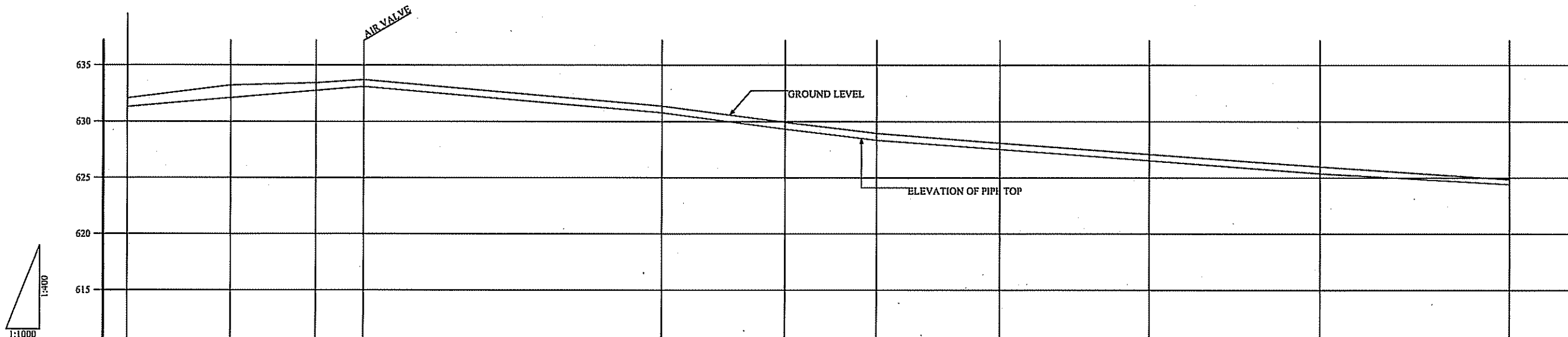
CONSULTING ENGINEERS:  
 NIPPON KOEI CO.,LTD.

TITLE:  
REHABILITATION OF MORA SPRING WATER SUPPLY FACILITY  
PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(16/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-029
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Ground Level (m)	625.58	625.12	625.30	625.47	625.72	625.99	626.33	626.72	627.07	627.40	627.76	628.17	628.63	629.16	629.97	630.81	632.08
Earth Covering Depth (m)	0.60	0.60	0.57	0.54	0.60	0.55	0.53	0.57	0.58	0.57	0.57	0.56	0.80	0.65	0.55	0.60	0.76
Elevation of Pipe Bottom (m)	624.98	624.52	624.73	624.93	625.12	625.44	625.80	626.15	626.49	626.83	627.19	627.61	627.83	628.51	629.42	630.21	631.29
Cumulative Distance (m)	00	25.67	39.14	55.41	67.68	81.68	96.47	111.17	126.91	143.64	155.17	172.98	190.83	221.94	248.12	283.51	316.19



Ground Level (m)	632.08	631.73	631.63	631.72	631.39	629.94	628.95	628.10	627.11	625.99	624.87
Earth Covering Depth (m)	0.76	1.12	0.68	0.60	0.60	0.60	0.60	0.57	0.57	0.60	0.63
Elevation of Pipe Bottom (m)	631.32	630.61	630.95	631.12	630.79	629.34	628.35	627.53	626.54	625.39	624.24
Cumulative Distance (m)	316.19	339.39	358.57	396.25	436.19	463.97	484.41	512.12	545.63	593.97	625.25

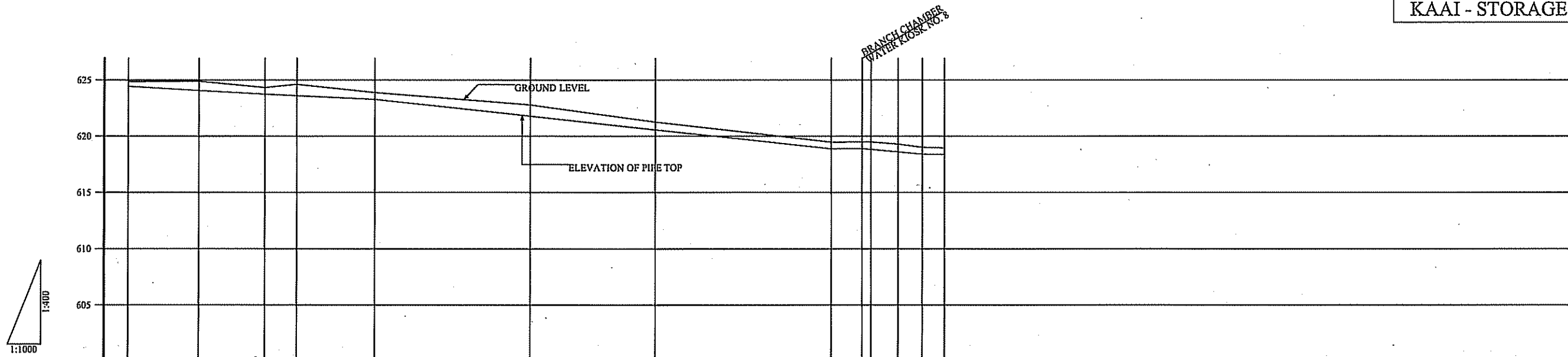
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PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(17/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-030
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Ground Level (m)	621.87	621.90	621.54	621.62	621.90	622.79	621.28	619.48	619.57	619.50	619.30	619.02	618.87
Earth Covering Depth (m)	0.43	0.63	0.68	1.01	0.60	1.00	0.68	0.60	0.69	0.67	0.69	0.60	0.60
Elevation of Pipe Bottom (m)	621.47	621.01	620.86	620.55	621.30	621.73	620.62	618.82	618.84	618.76	618.55	618.35	618.31
Cumulative Distance (m)	626.59	642.54	657.37	664.56	682.24	717.35	745.54	785.315	792.315	794.315	800.315	806.715	810.715

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PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(18/40)

SCALE H = 1:1000 V = 1:400	DATE FEB.2006	DRAWING NO. WSF-031
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