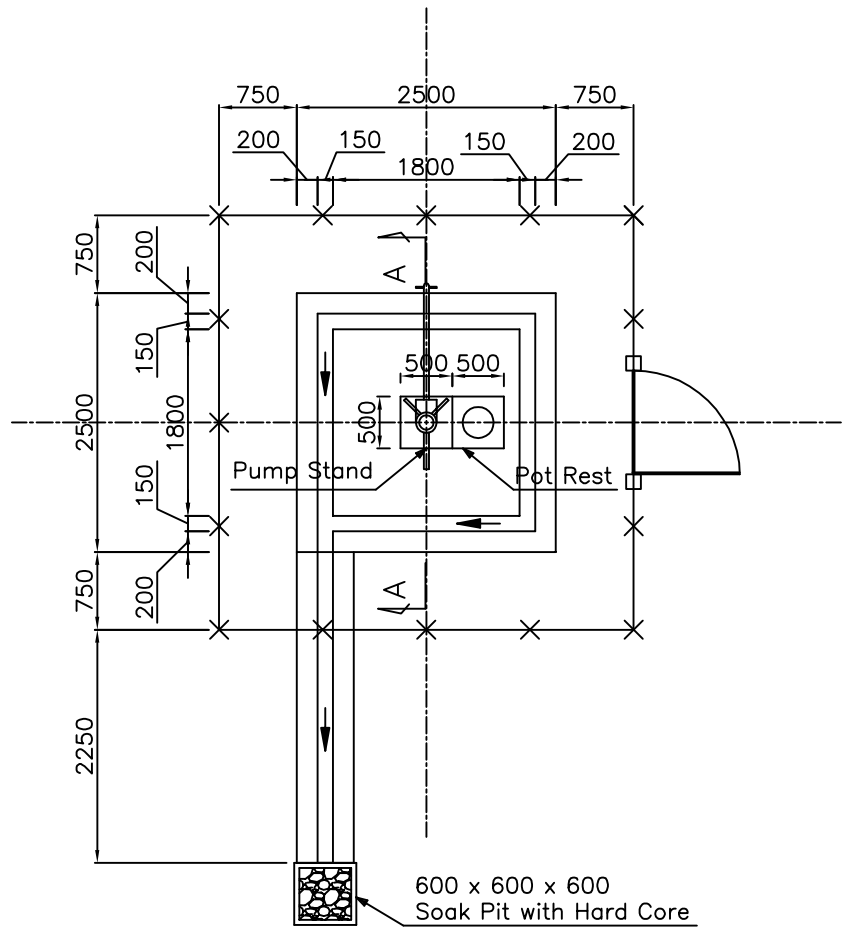


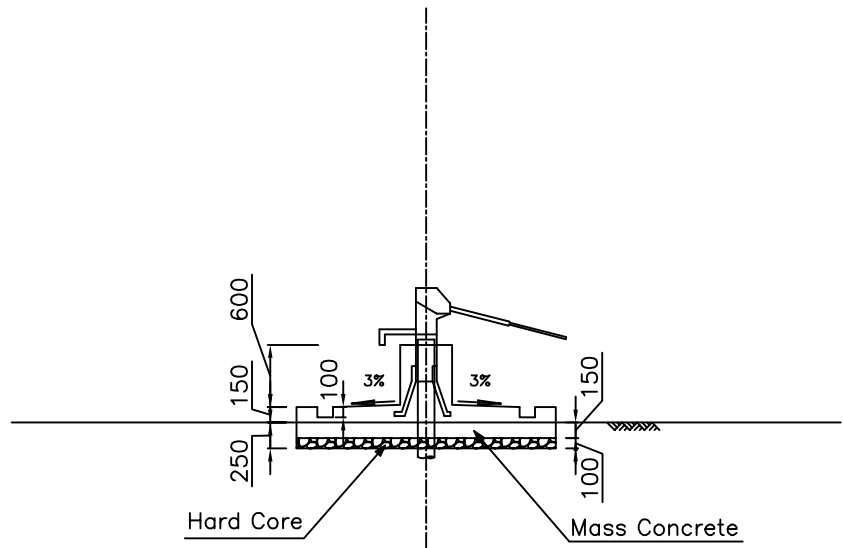
## 7. その他の資料・情報

- 7.1 基本設計図面集
- 7.2 水質調査結果
- 7.3 事業対象村落選定結果
- 7.4 社会状況調査
- 7.5 井戸施設対象村落における電気探査結果
- 7.6 湧水施設対象村落における路線測量結果
- 7.7 地下水開発ポテンシャル評価結果
- 7.8 採用ポンプ形式
- 7.9 ユニセフ既存井戸データ
- 7.10 エチオピア国飲料水水質基準

## 7.1 基本設計図面集

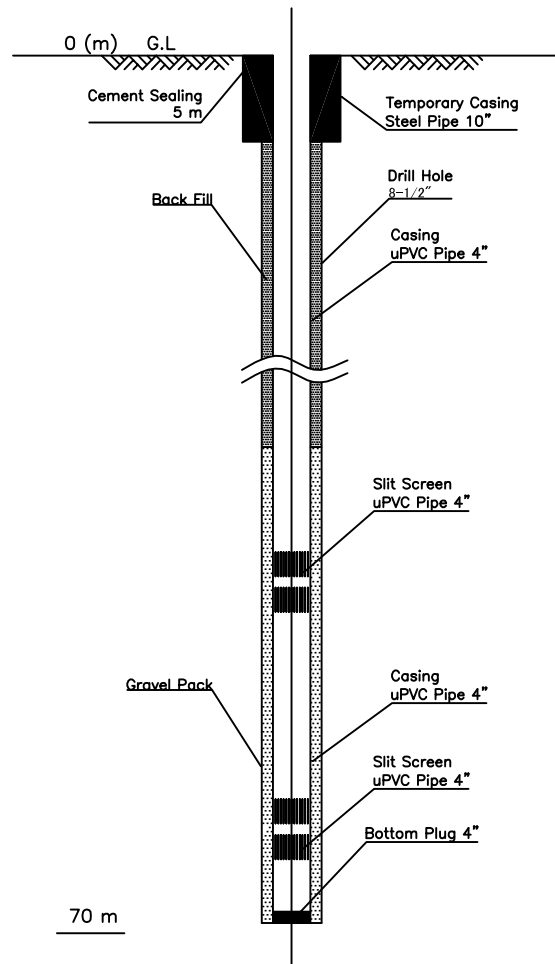


Plane




Section

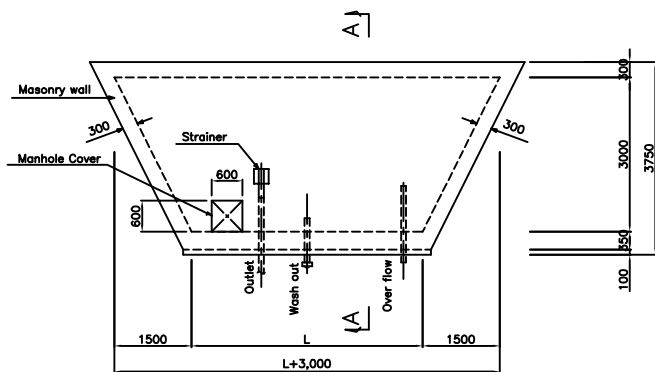
OWNER :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PROJECT NAME :  THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	CONSULTING ENGINEERS :  NIPPON KOEI CO.,LTD.	DRAWING TITLE : Hand Pump Apron		
			SCALE S=1:50	DATE February 2005	DRAWING NO. SW-1.1



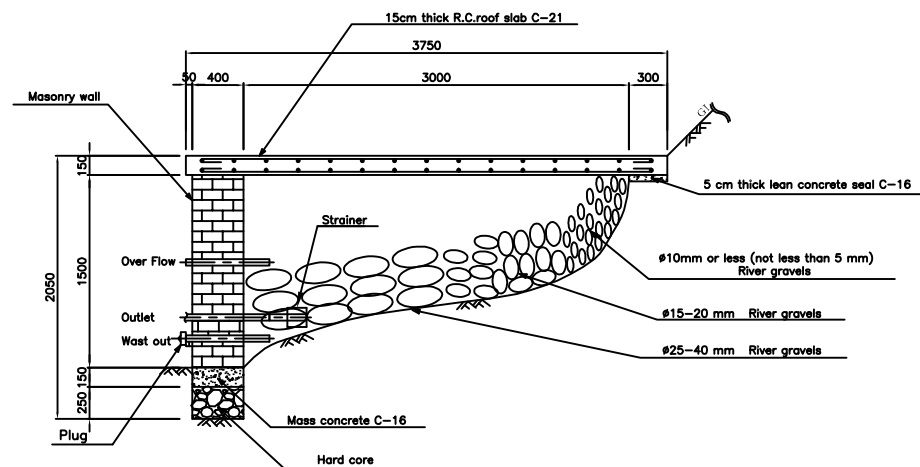
Standard Figure of Borehole Structure

OWNER :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PROJECT NAME :  THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	CONSULTING ENGINEERS :   NIPPON KOEI CO.,LTD.	DRAWING TITLE :  Borehole Structure		
			SCALE  None	DATE  February 2005	DRAWING NO.  SW-1.2

Types	L (mm)
I	2,500
II	3,500
III	4,500



S=1:50



A-A

S=1:20

OWNER :  
JAPAN INTERNATIONAL  
COOPERATION AGENCY (JICA)

PROJECT NAME :  
THE BASIC DESIGN STUDY ON THE PROJECT  
FOR WATER SUPPLY IN SOUTHERN NATIONS,  
NATIONALITIES AND PEOPLE'S REGIONAL STATE  
IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

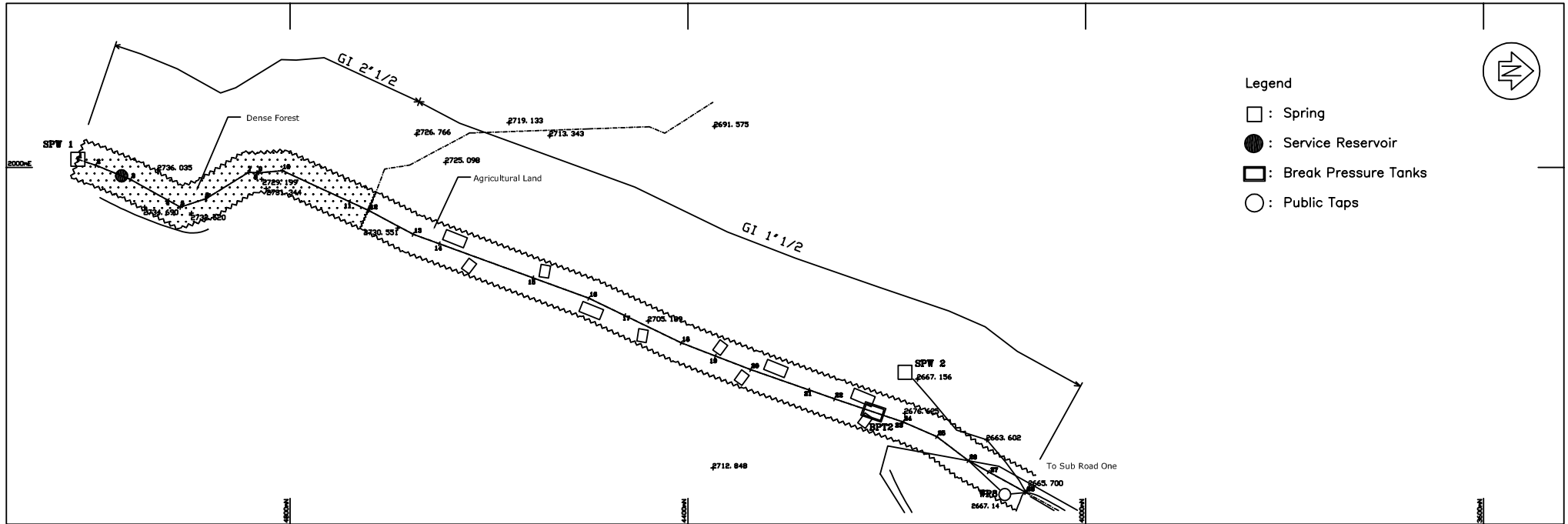
CONSULTING ENGINEERS :  
 NIPON KOEI CO., LTD.

DRAWING TITLE :  
Spring Capping

SCALE  
S=1:50  
S=1:20

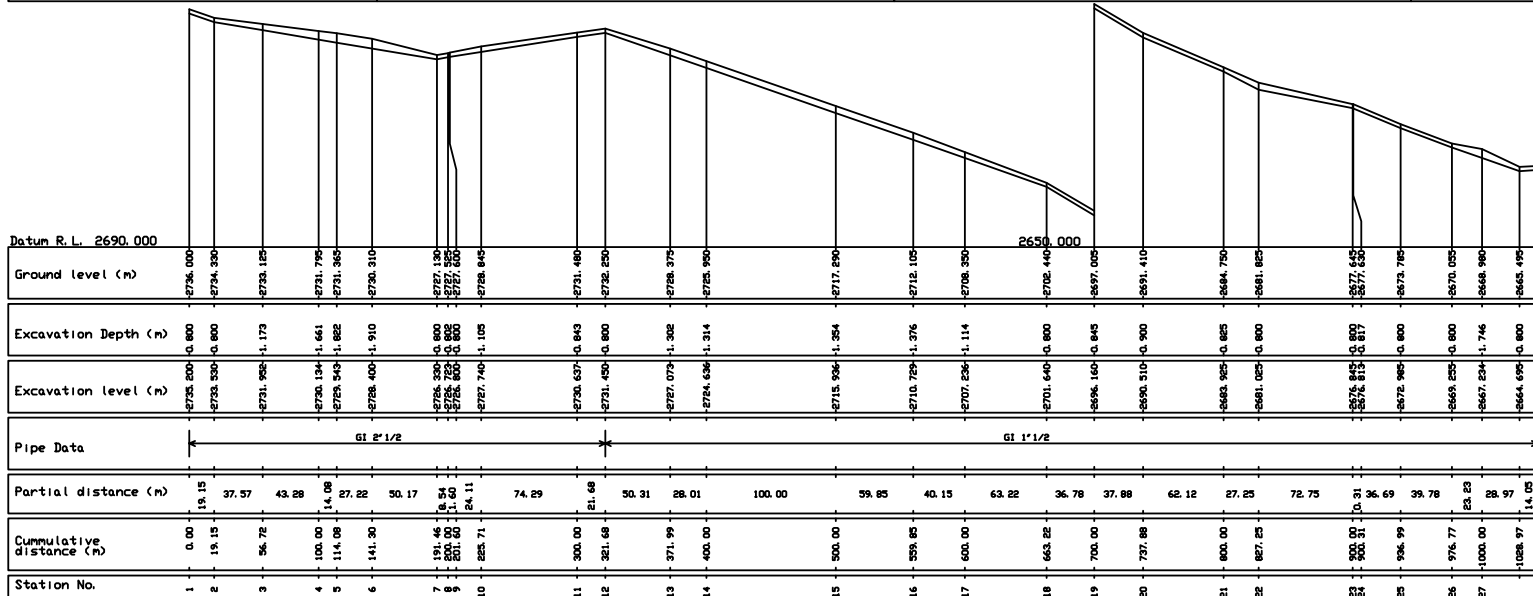
DATE  
February 2005

DRAWING NO.  
SF-1.1



Legend

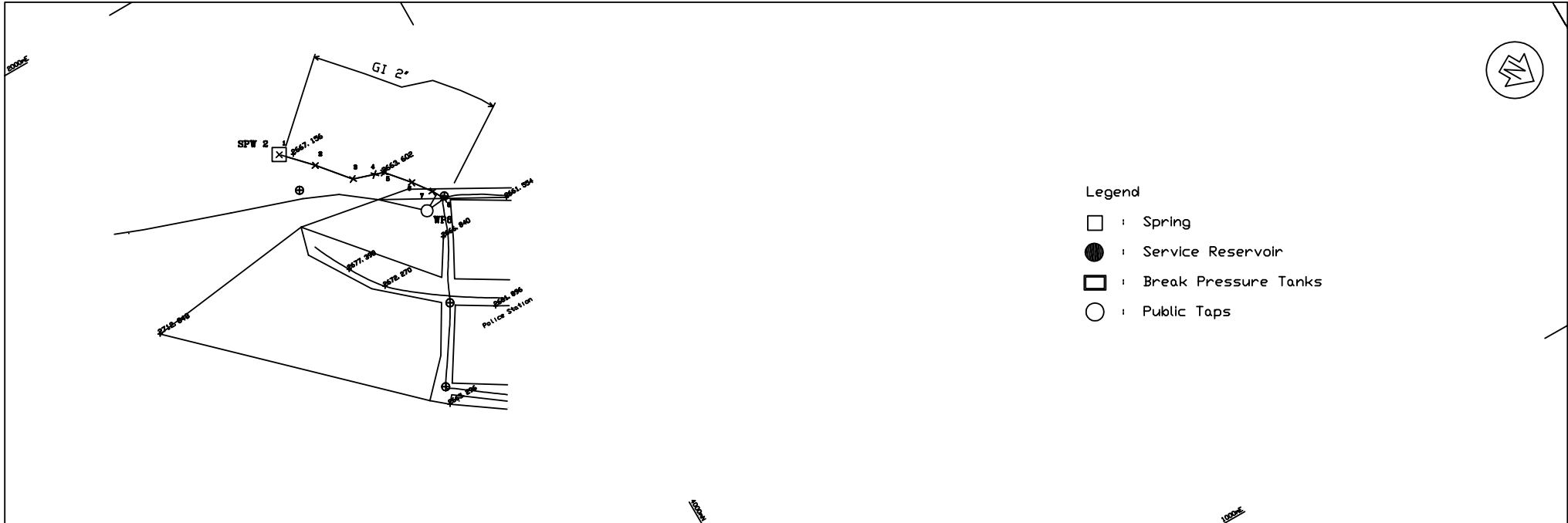
- : Spring
- : Service Reservoir
- : Break Pressure Tanks
- : Public Taps



Longitudinal section between 0.00 and 1043.02 line2 to Kechi

<p>OWNER :</p> <p style="text-align: center;">JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</p>	<p>PROJECT NAME :</p> <p style="text-align: center;">THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA</p>	<p>CONSULTING ENGINEERS :</p> <p style="text-align: center;"> <b>NIPPON KOEI CO., LTD.</b></p>	<p>DRAWING TITLE :</p> <p style="text-align: center;">Kechi 1/5 (Topographical Drawing)</p>
		<p>SCALE</p> <p style="text-align: center;">Vt=1:500 Hz=1:2,000</p>	<p>DATE</p> <p style="text-align: center;">February 2005</p>
		<p>DRAWING NO.</p> <p style="text-align: center;">SF-2.1</p>	





Legend

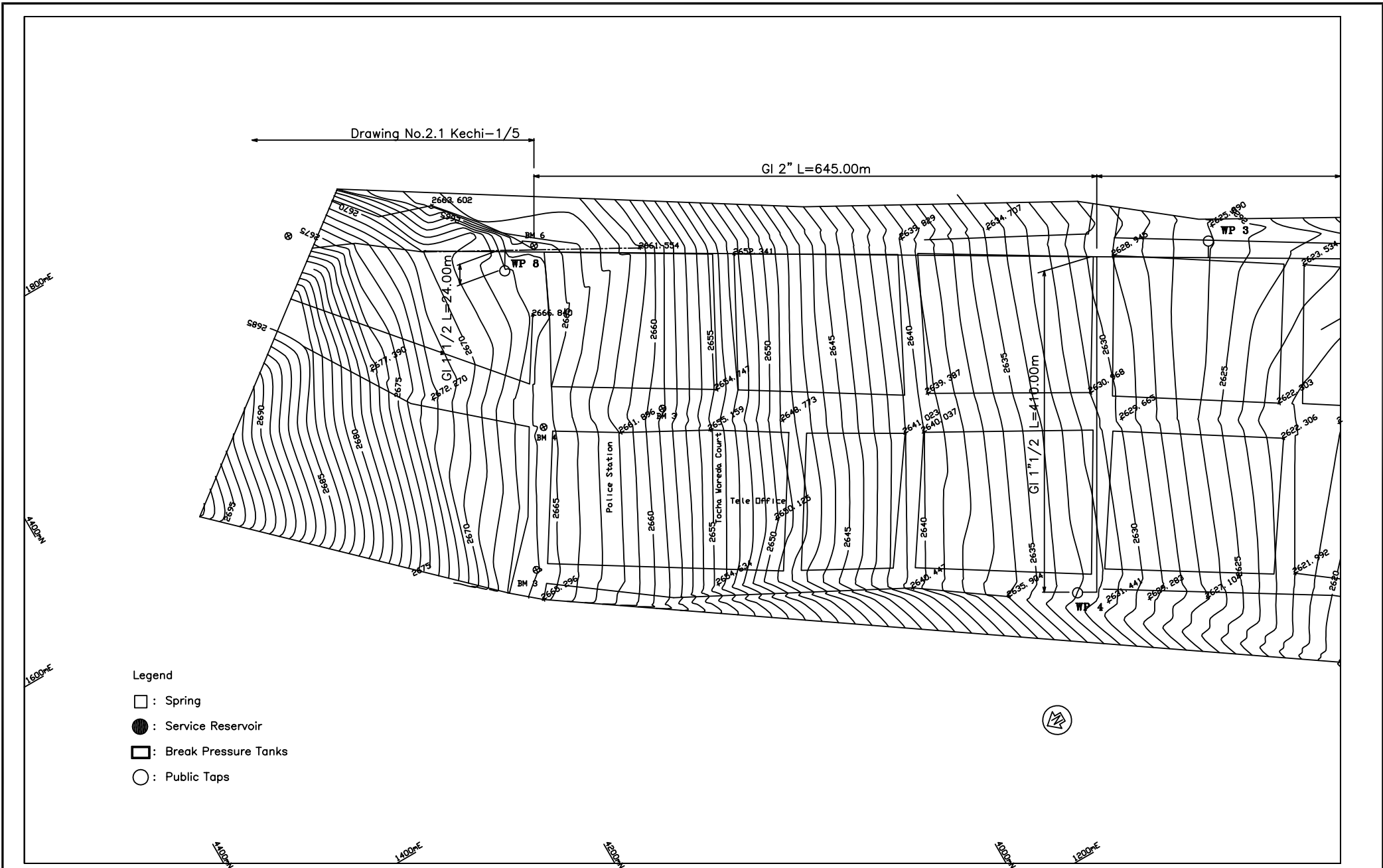
- : Spring
- : Service Reservoir
- ▣ : Break Pressure Tanks
- : Public Taps

Datum R.L. 2650.000	
Ground level (m)	2666.300, 2666.300, 2665.660, 2665.330, 2663.600, 2663.000, 2664.515, 2665.700
Excavation Depth (m)	0.800, 0.800, 0.800, 1.500, 0.800, 1.300, 0.816, 0.800
Excavation level (m)	2667.100, 2665.50, 2664.860, 2663.830, 2662.750, 2661.700, 2663.669, 2664.900
Pipe Data	GI 2"
Partial distance (m)	37.73, 39.99, 22.28, 10.63, 29.66, 22.63, 13.91
Cumulative distance (m)	0.00, 37.73, 77.72, 100.00, 109.63, 139.31, 161.94, 175.85
Station No.	1, 2, 3, 4, 5, 6, 7, 8
Chainage	0.00, 37.73, 77.72, 100.00, 109.63, 139.31, 161.94, 175.85
Hz scale	1:2000
Vt scale	1:500

Longitudinal section between 0.00 and 175.85 SWP2

OWNER :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PROJECT NAME :  THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	CONSULTING ENGINEERS :  NIPPON KOEI CO.,LTD.	DRAWING TITLE :  Kechi 3/5 (Topographical Drawing)	
			SCALE Vt=1:500 Hz=1:2,000	DATE February 2005





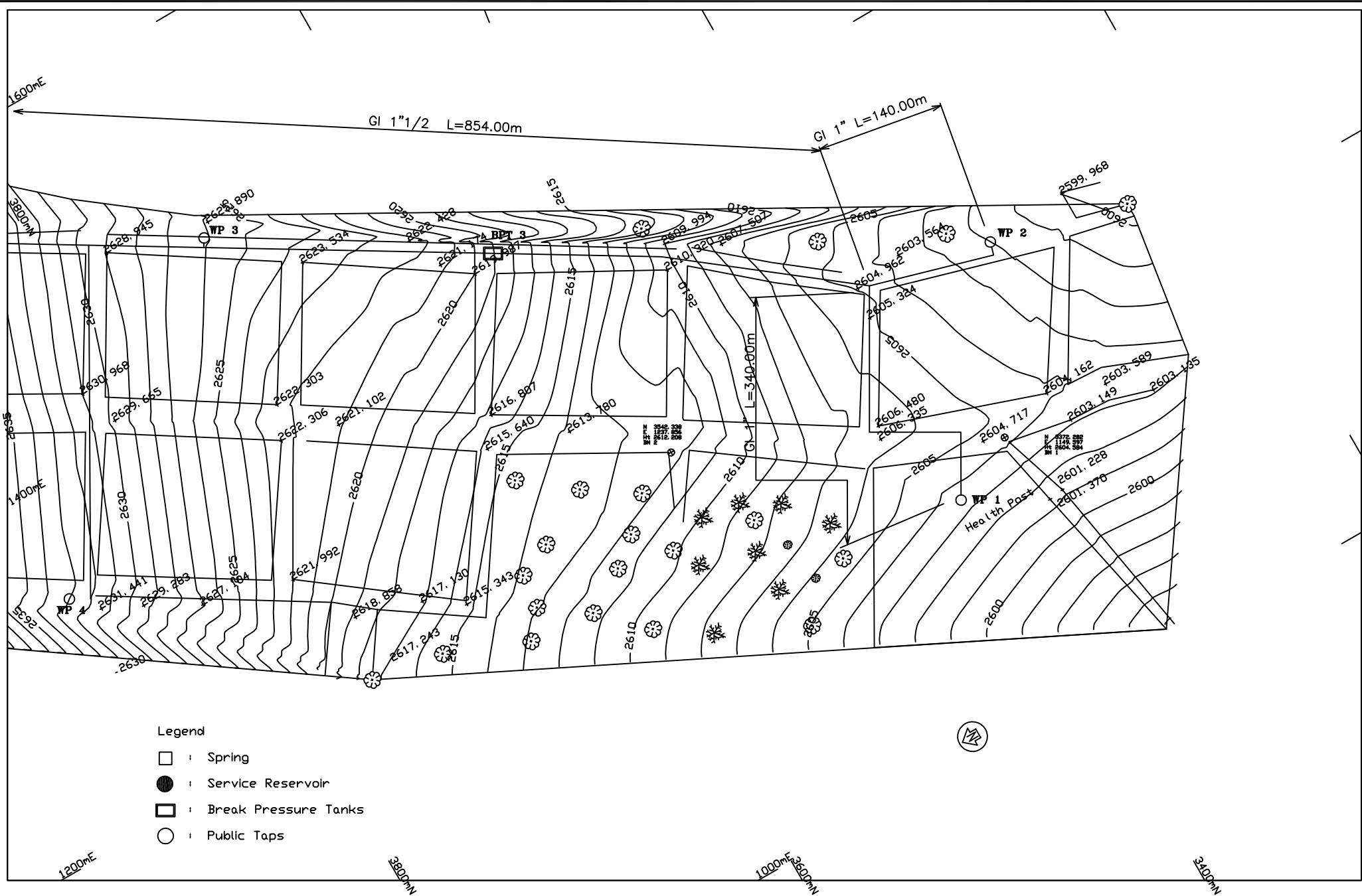
OWNER :  
 JAPAN INTERNATIONAL  
 COOPERATION AGENCY (JICA)

PROJECT NAME :  
 THE BASIC DESIGN STUDY ON THE PROJECT  
 FOR WATER SUPPLY IN SOUTHERN NATIONS,  
 NATIONALITIES AND PEOPLE'S REGIONAL STATE  
 IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA

CONSULTING ENGINEERS :  
 NIPPON KOEI CO.,LTD.


DRAWING TITLE :  
 Kechi 4/5 (Topographical Drawing)

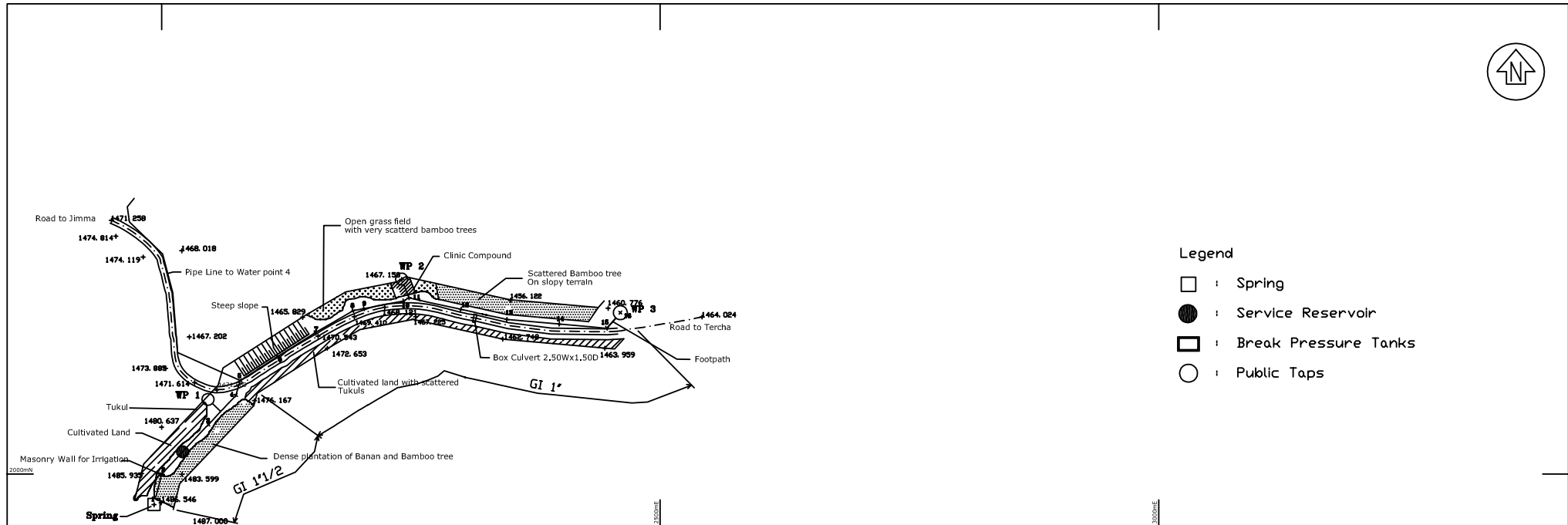
SCALE 1:2,000	DATE February 2005	DRAWING NO. SF-2.4
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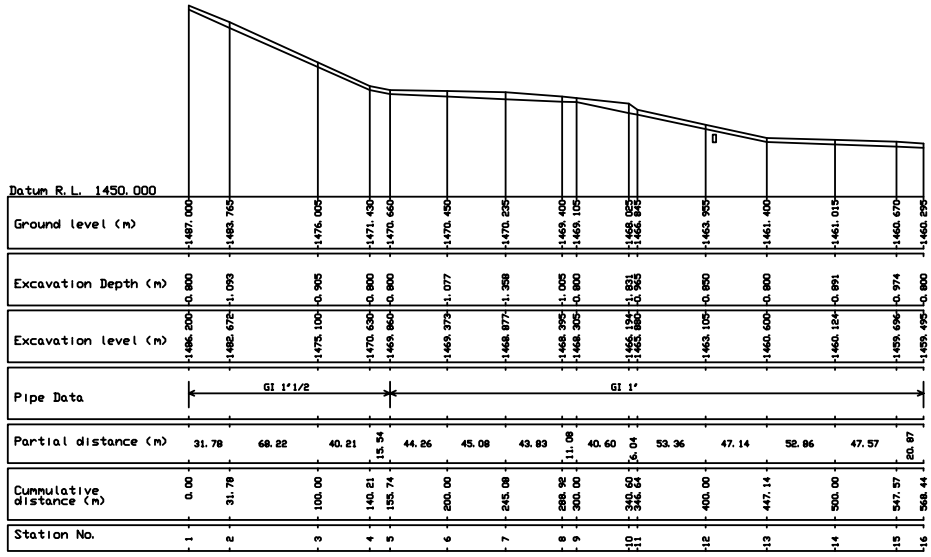
- Legend
- : Spring
  - : Service Reservoir
  - : Break Pressure Tanks
  - : Public Taps



OWNER :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PROJECT NAME :  THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	CONSULTING ENGINEERS :   NIPPON KOEI CO.,LTD.	DRAWING TITLE :  Kechi 5/5 (Topographical Drawing)		
			SCALE 1:2,000	DATE February 2005	DRAWING NO. SF-2.5



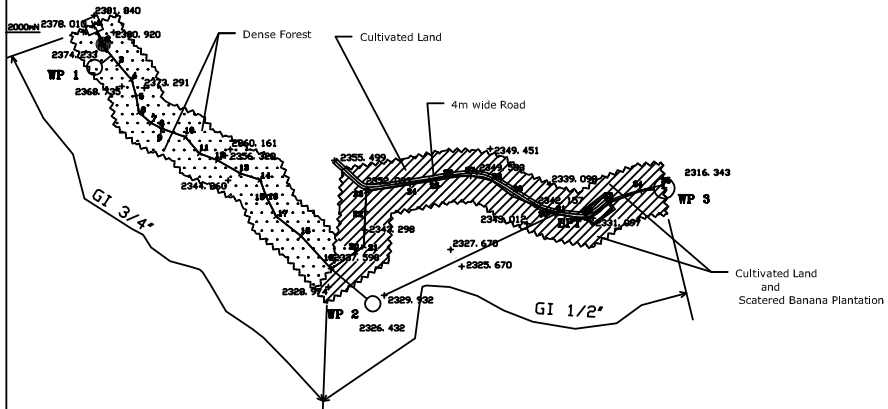
- Legend**
- : Spring
  - : Service Reservoir
  - ▣ : Break Pressure Tanks
  - : Public Taps



Longitudinal section between 0.00 and 568.44 line 1

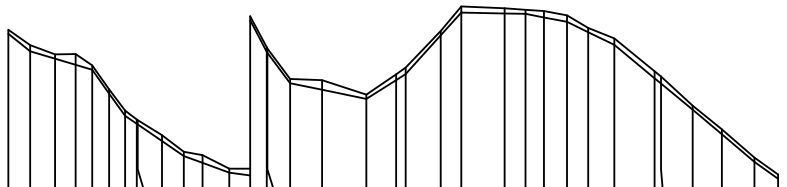
OWNER :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PROJECT NAME :  THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	CONSULTING ENGINEERS :  NIPPON KOEI CO., LTD.	DRAWING TITLE : Waruma Kessa 1/2 (Topographical Drawing)		
			SCALE V=1:500 Hz=1:2,000	DATE February 2005	DRAWING NO. SF-2.6





Legend

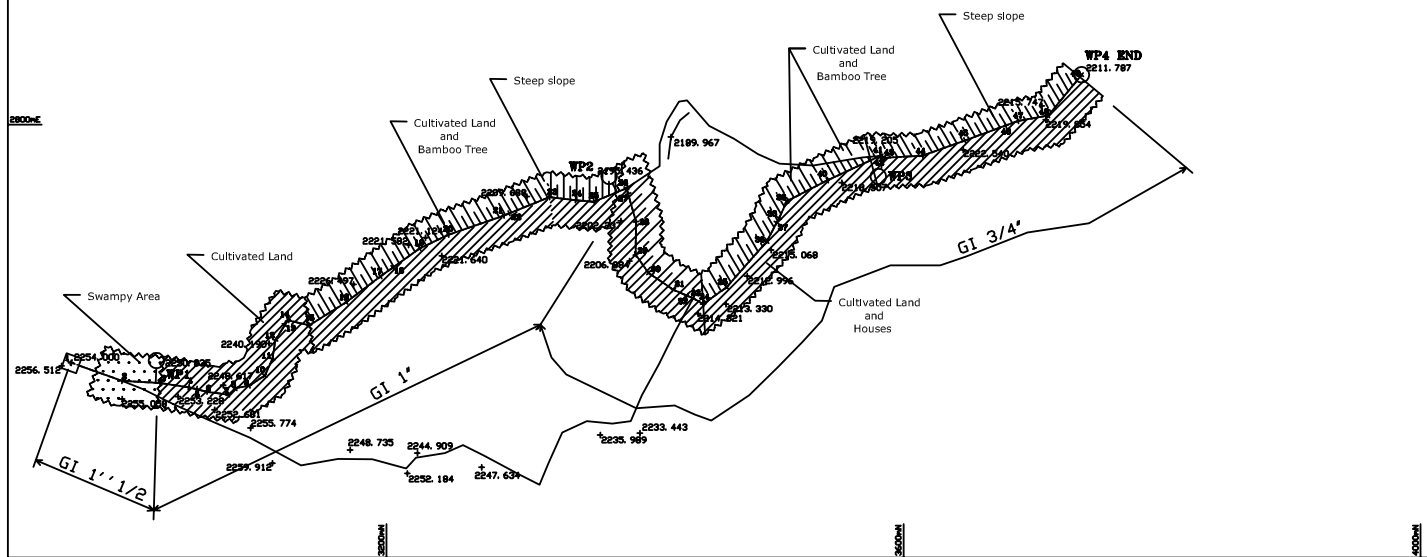
- : Spring
- : Service Reservoir
- : Break Pressure Tanks
- : Public Taps



Datum R.L.	2340.000	
Ground level (m)	2377.000	2310.000
Excavation Depth (m)	0.800	1.200
Excavation level (m)	2376.200	2308.800
Pipe Data	GI 3/4"	GI 1/2"
Partial distance (m)	0.00	595.42
Cumulative distance (m)	0.00	595.42
Station No.	1	56

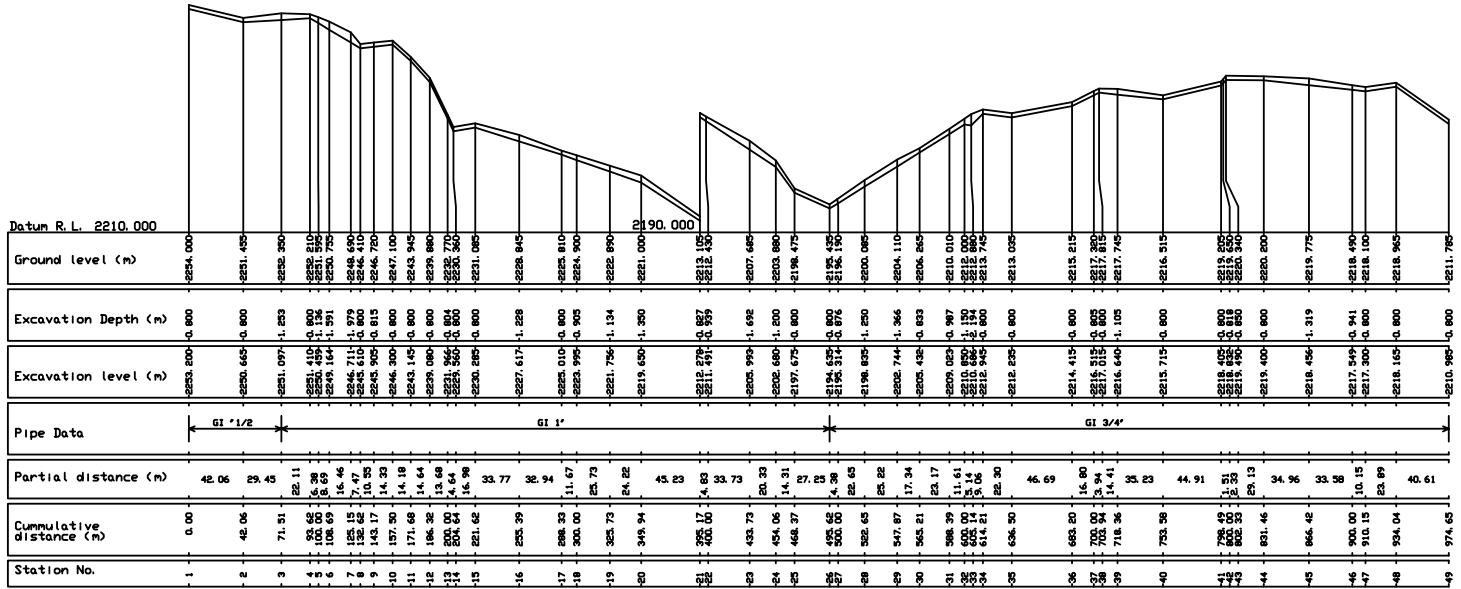
Longitudinal section between 0.00 and 595.42

<p>OWNER :</p> <p style="text-align: center;">JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)</p>	<p>PROJECT NAME :</p> <p style="text-align: center;">THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA</p>	<p>CONSULTING ENGINEERS :</p> <p style="text-align: center;"> NIPPON KOEI CO., LTD.</p>	<p>DRAWING TITLE :</p> <p style="text-align: center;">Arusi Bale 1/1 (Topographical Drawing)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">SCALE</td> <td style="width: 33%;">DATE</td> <td style="width: 33%;">DRAWING NO.</td> </tr> <tr> <td>Vt=1:500 Hz=1:2,000</td> <td>February 2005</td> <td>SF-2.8</td> </tr> </table>	SCALE	DATE	DRAWING NO.	Vt=1:500 Hz=1:2,000	February 2005	SF-2.8
SCALE	DATE	DRAWING NO.							
Vt=1:500 Hz=1:2,000	February 2005	SF-2.8							



Legend

- : Spring
- : Service Reservoir
- ▣ : Break Pressure Tanks
- : Public Taps



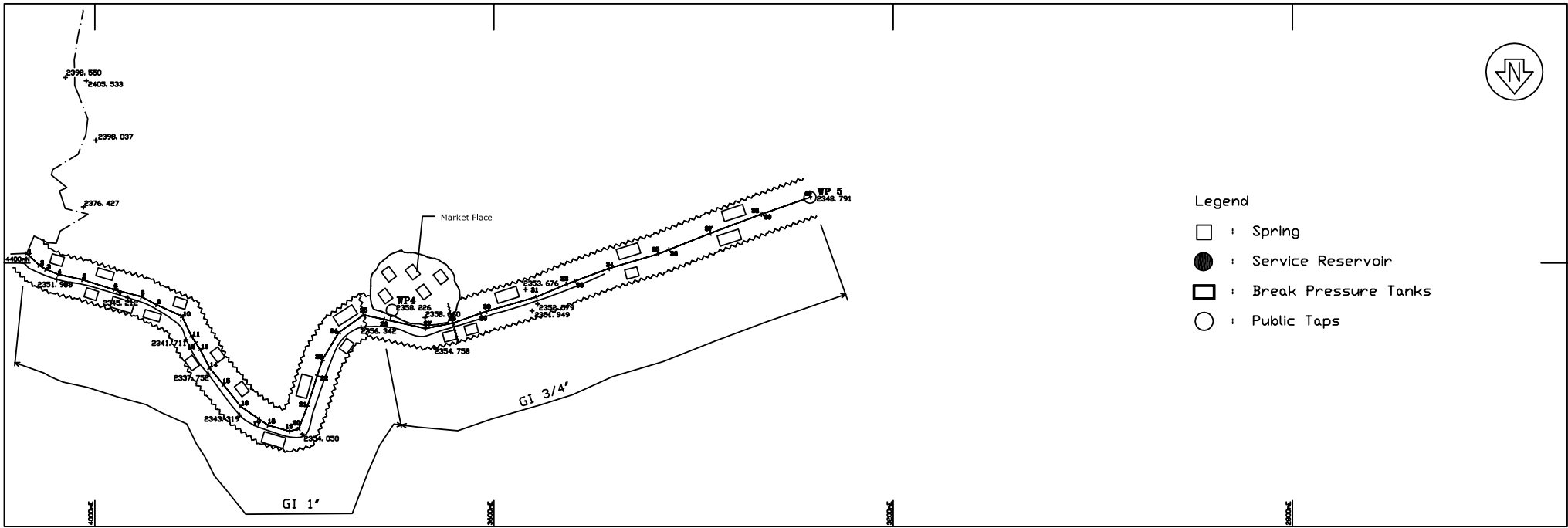
Longitudinal section between 0.00 and 974.65 Option 1

OWNER :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PROJECT NAME : THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	CONSULTING ENGINEERS :  NIPPON KOEI CO., LTD.	DRAWING TITLE : Arusi Bale 1/1 (Topographical Drawing)	
			SCALE Vt=1:500 Hz=1:2,000	DATE February 2005
			DRAWING NO. SF-2.9	

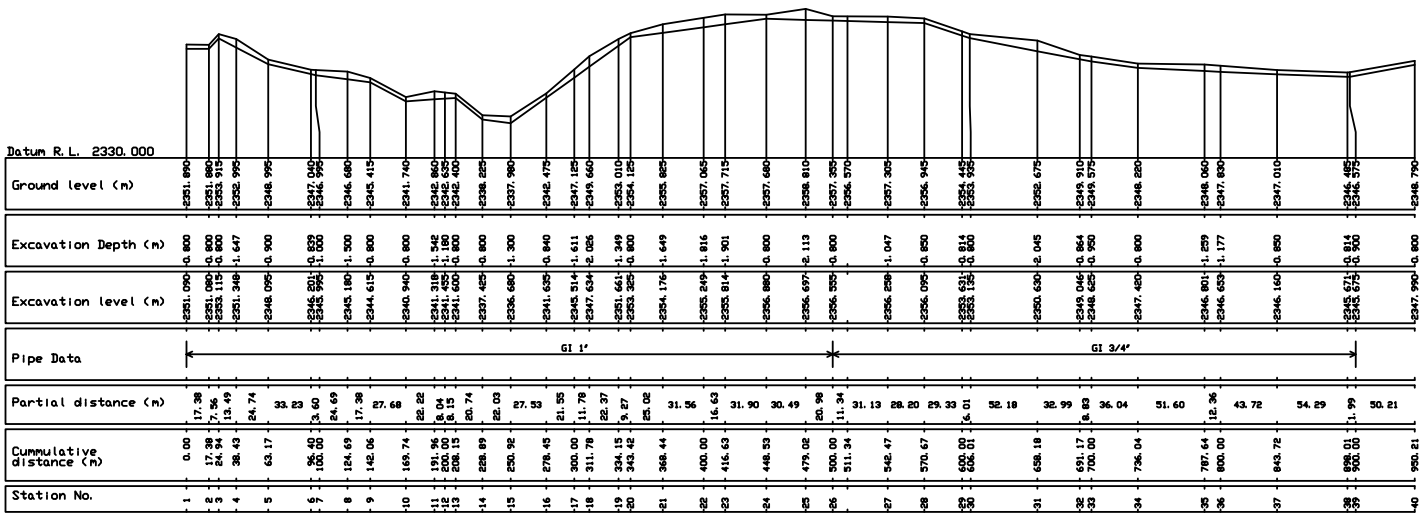






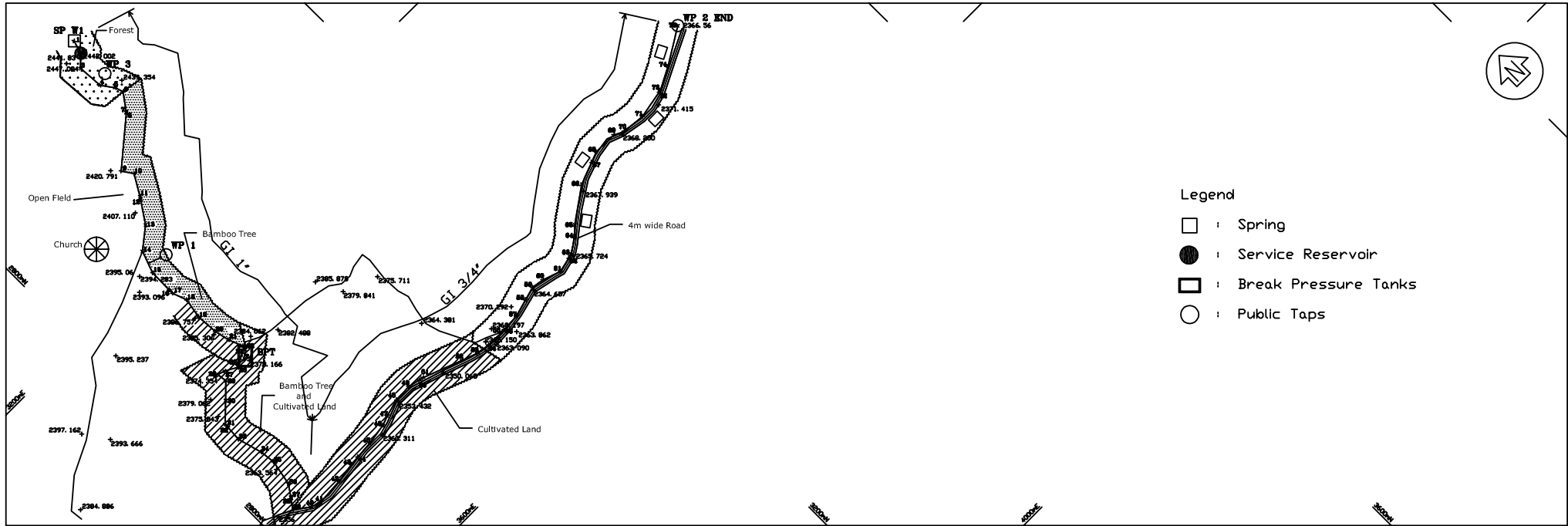


- Legend
- : Spring
  - : Service Reservoir
  - ▣ : Break Pressure Tanks
  - : Public Taps

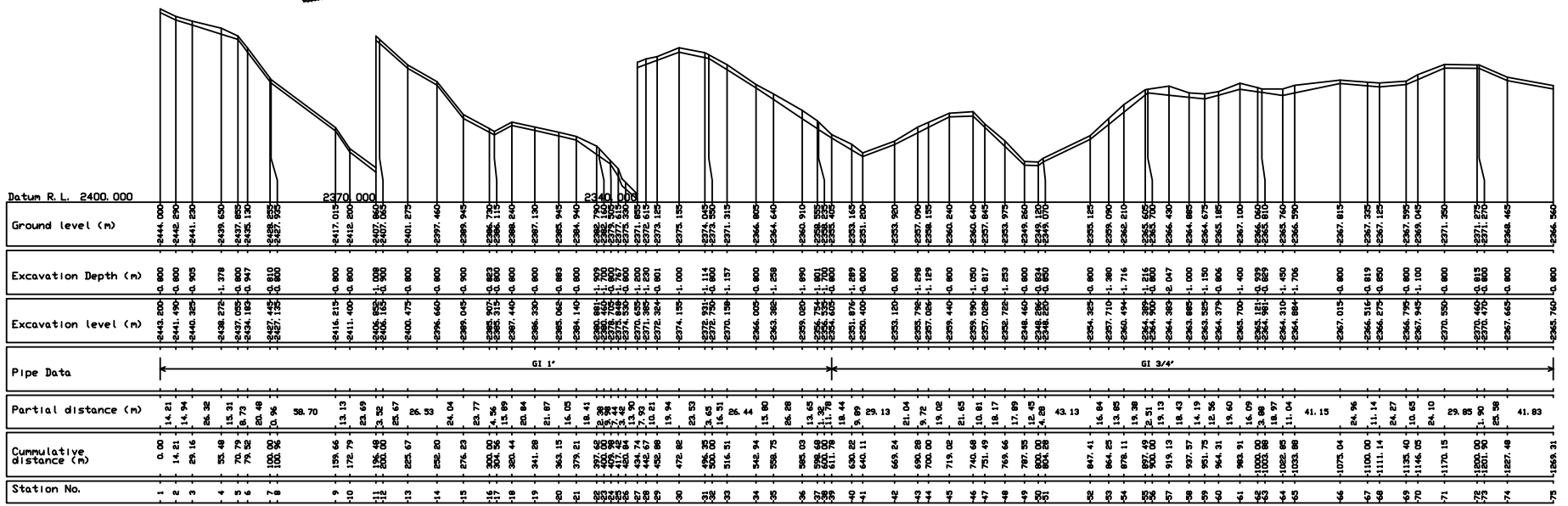


Longitudinal section between 0.00 and 950.21 line3

OWNER :  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PROJECT NAME : THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	CONSULTING ENGINEERS :  NIPPON KOEI CO., LTD.	DRAWING TITLE : Gudumu (Soso) 3/3 (Topographical Drawing)		
			SCALE Vt=1:500 Hz=1:2,000	DATE February 2005	DRAWING NO. SF-2.12



- Legend**
- : Spring
  - : Service Reservoir
  - : Break Pressure Tanks
  - : Public Taps



Longitudinal section between 0.00 and 1269.31 option 1 line 1

OWNER:  JAPAN INTERNATIONAL COOPERATION AGENCY (JICA)	PROJECT NAME:  THE BASIC DESIGN STUDY ON THE PROJECT FOR WATER SUPPLY IN SOUTHERN NATIONS, NATIONALITIES AND PEOPLE'S REGIONAL STATE IN THE FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA	CONSULTING ENGINEERS :  NIPPON KOEI CO., LTD.	DRAWING TITLE : Gudumu (Urgmo) 1/2 (Topographical Drawing)		
			SCALE Vt=1:500 Hz=1:2,000	DATE February 2005	DRAWING NO. SF-2.13