L L	1	1	1	1	1	1
555						
550						
=				GRØUND LEVEL	÷	
545						
540				ELEVATION OF F	IPE TOP	
00						
535						
1:1000   Ground Level (m)	247.86	247.65		385.16	R 35	2563.70
Earth Covering Depth (m)				080	1	
Elavation of Pipe Bottom (m)	547.20 - 1	546.92 - (	545.72 - 0	244150	L.	1 10255
Cumulative Distance (m)	10613.81-	- 89 22 200	9665.46-	10708.46-		10795.88-
545				GROUNI	DLEVEL	
<u></u>					ELEVATION OF PIPE TOP	
Ground Level (m)	- 543.71	- 543.37	- 542.96	- 542.17	- 541:50	- 540.96 ·
Earth Covering Depth (m)	65.0	- 0.62	0,60	- 0.67	- 0.84	- 0.89
Elavation of Pipe Bottom (m)	- 543.06	- 542.69	- 542.30	- 541,44	- 540.60	- 540.00
Cumulative Distance (m)	10925.01	10968.75	11014.28	11058.27	11100.92	11131.28
		PROJECT NAME:		CONSULTING ENGINEERS	3:	TITLE: REHABIL
	ATER AND IRRIGATION LIC OF KENYA		PROJECT FOR L WATER SUPPLY	1 (1) N	IPPON KOEI CO.,L	TD. $\frac{PROFILE}{SCALE}$ $H = 1$ $V = 0$

DATE

## BILITATION OF MORA SPRING WATER SUPPLY FACILITY LE OF TRANSMISSION AND DISTRIBUTION PIPELINE(36/40)

			-
- 540.32	539.85	- 539.98	
- 0.62	0.60	0.60	
539.64	539.19	11189.87-539.32	
11149.75-539.64 - 0.62	11172.71-539.19	11189.87-	

- 544.05
0.60
10865.73- 543.39

			STORAGE TANK - KATHANZE (19/2)
			NEVAUVE
	1 1		Aller Aller
555			
550			
545			
GRC	UND LEVEL		
540			
	ELEVATION OF PIPE TOP		
535			
1:1000			1 4 m
Ground Level (m)	841.51 841.51 841.52	542.65 542.65 542.86 542.89	843.34 543.48 543.48
Earth Covering Depth (m) a s	· · · · · · · · · · · · · · · · · · ·		
Elavation of Pipe Bottom (m)	.44 - 0.62 .14 - 0.60 .14 - 0.60	88 - 1.11 92 - 0.60 98 - 0.60	27 - 0.66 56 - 10.53
	540 21 - 240 210 - 240 210 - 240 210 - 240 210 - 240 210 - 240 210 - 240 21	0.77- 540.88 8.39- 540.28 6.31- 541.38	8191-542 411-542
Cumulative Distance (m)	11263.	11350.7	Still 100
555			
550			
545			
	GROUND LEVEL		
540			
	ELEVATION OF PIPE TOP		
535			
<u></u> 1:1000			
Ground Level (m)	11:12 11:12	240.64 55 540.64 55 540.64 55	0.28
Earth Covering Depth (m)		0.67 - 54 - 54 - 54 - 54 - 54 - 54 - 54 - 5	
Flavation of Pine Bottom (m) 2 5 2			54 23 - 01
Cumulative Distance (m)	945	673.19 - 539 679.21 - 539 710.83 - 539 722.11 - 539	230 0 - 235 - 235 - 235
	SI	116 116 117 117 117 111	113
OWNER:	OJECT NAME:	CONSULTING ENGINEERS:	TITLE:
THE MINISTRY OF WATER AND IRRIGATION	THE PROJECT FOR		REHABILITATION OF MORA SPRING WATER SUPPLY FACIL PROFILE OF TRANSMISSION AND DISTRIBUTION PIPELINE(3
		INIPPON KOEI CO., LTD.	SCALE DATE DRAWING NO.
THE REPUBLIC OF KENYA	RURAL WATER SUPPLY		$ \begin{array}{c} H = 1:1000 \\ V = 1:400 \end{array}  FEB.2006 \qquad WSF-050 \end{array} $
			V - 1.700

## OF MORA SPRING WATER SUPPLY FACILITY MISSION AND DISTRIBUTION PIPELINE(37/40)

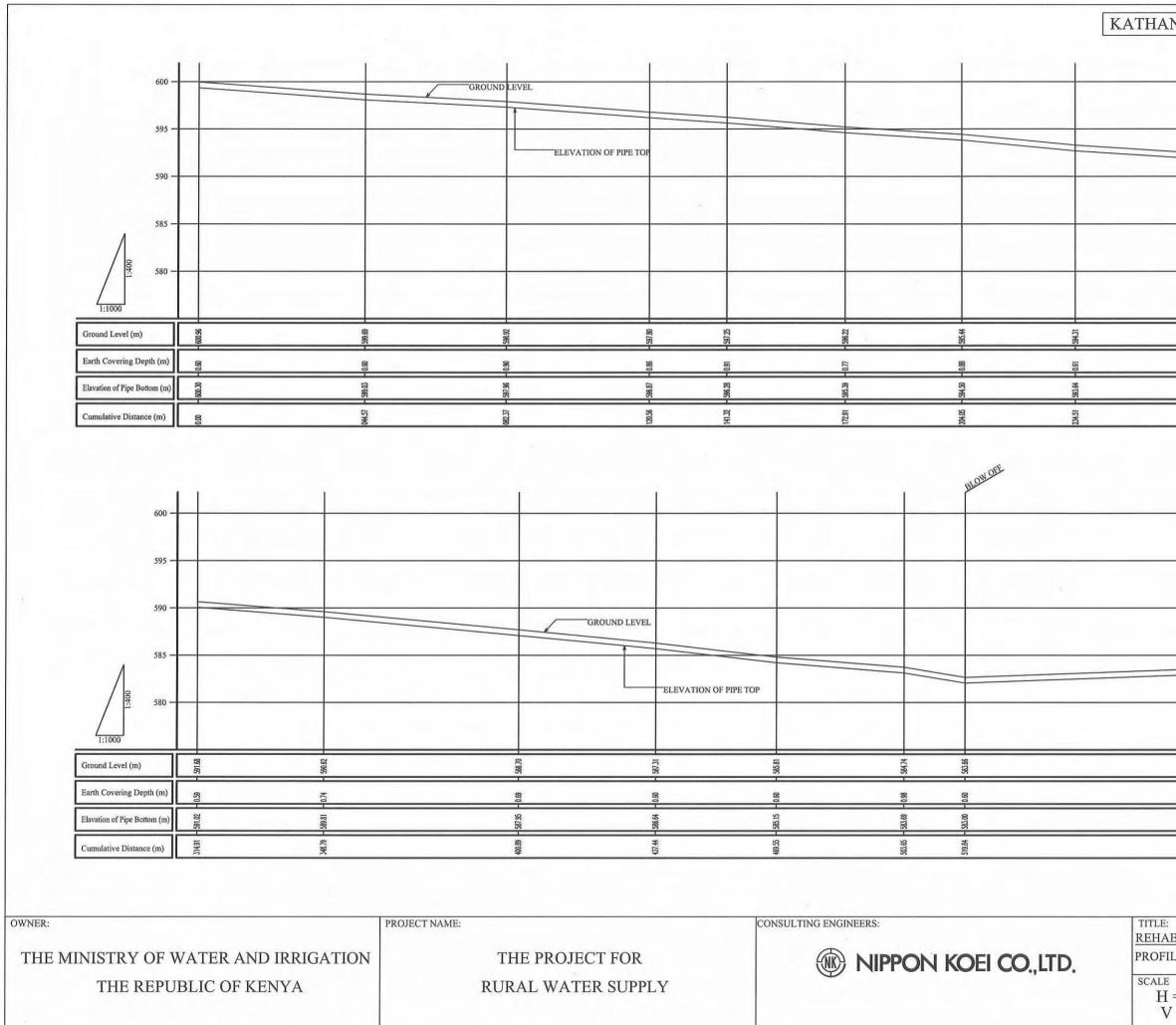
80 UTS	97.724
40 U 40 U 40 U 40 U 40 U 40 U 40 U 40 U	70.500
	<u>}</u>

		*
1 x		
2675	- 343.34	- 543.48 -
<b>8</b>	- 0.62	0:60
	11494.11 - 542.66	
	- 11.46	11507.85- 542.82

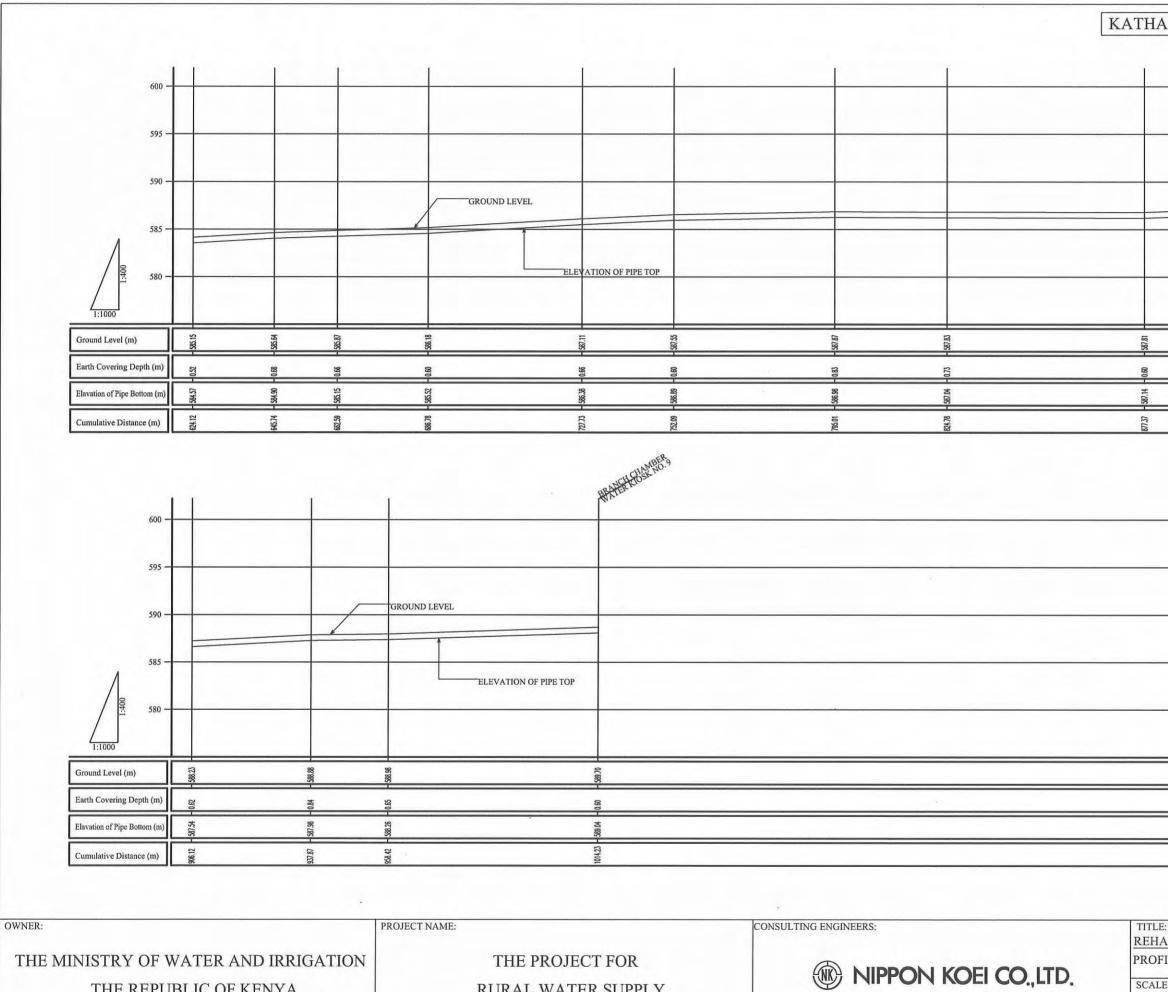
								BRANCHCH	1488.12	HONOFE
55	5 —							N		
55	,				e.				÷	
54	5									
54	,		GROUND LEV	rel						
0007:1 53				ELEVATION OF PIPE TOP						
1:1000					i					
Ground Level (m)	CAN TO	- 340.26 - 539.86		ν units	70.500	538.80	74/000	- 538.35 -	07.002	Inde
Earth Covering Depth (n	) 5			500 State		0.65		0.50		
Elavation of Pipe Bottom (	n) 290	- 50.800	538.78	י אני אני		538.09		537.68		er ine
Cumulative Distance (m)		11004.05	-)- <u>(</u> 11811	- 10 30011	17707 D 1	11952.10-		12003.52-	- 65 02.061	10000

OWNER:	PROJECT NAME:	CONSULTING ENGINEERS:	TITLE: REHABII
THE MINISTRY OF WATER AND IRRIGATION THE REPUBLIC OF KENYA	THE PROJECT FOR RURAL WATER SUPPLY	NIPPON KOEI CO., LTD.	PROFILE SCALE H = V =

STOR	AGE TANK - KAT	THANZE (20/20)
-		
		_
		_
		_
	OF MORA SPRING WAT	
E OF TRANSI	MISSION AND DISTRIBU	
= 1:1000	DATE	DRAWING NO.
= 1:400	FEB.2006	WSF-051



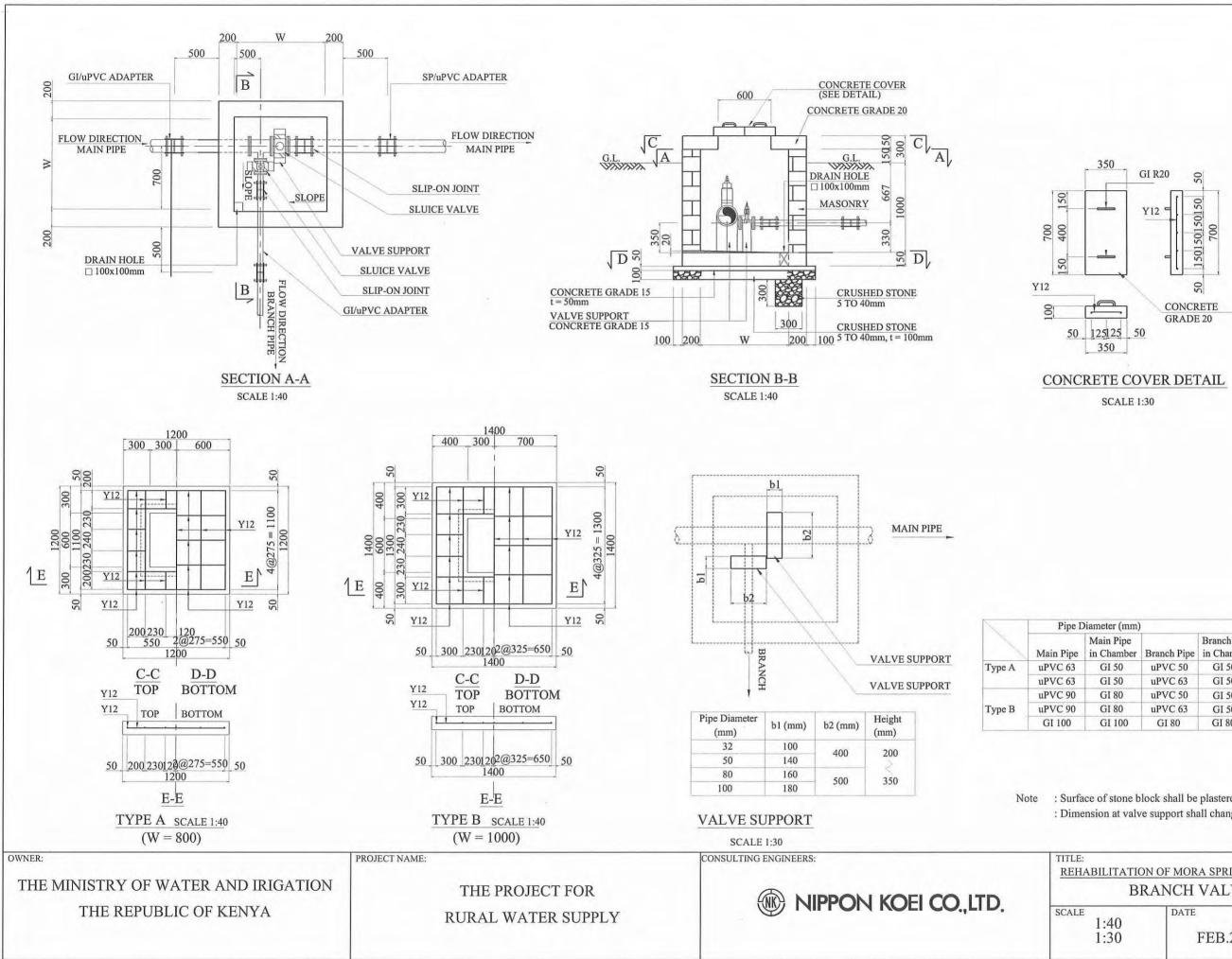
	CH - WATE		
	-		
- 593.28	- 592.47	89:166	
7 - 0.68	1-0.64	2 - 0.39	
M - 592.77 18 - 592.61	5 <b>-</b> 591.77	20105 - 18	
265.04	294.15	314.91	
	1	1	
	-		
		=	
	- 384.91	385.15	
- 0.55	- 0.54	- 0.52 -	
- 584.06 - 0.55	- 584.31 - 0.54 -	- 584.57 - 0.52 -	
- 0.55	- 0.54	- 0.52 -	
- 584.06 - 0.55	- 584.31 - 0.54 -	- 584.57 - 0.52 -	
- 584.06 - 0.55 -	- 584.31 - 0.54 -	- 584.57 - 0.52 -	
- 500 - 2007 - 200 - - - -	- 	YG WATER SUPPLY FACILI	
- 5007 28057 20050	- 	624.12 - 564.57 - 0.22 -	



THE REPUBLIC OF KENYA

RURAL WATER SUPPLY

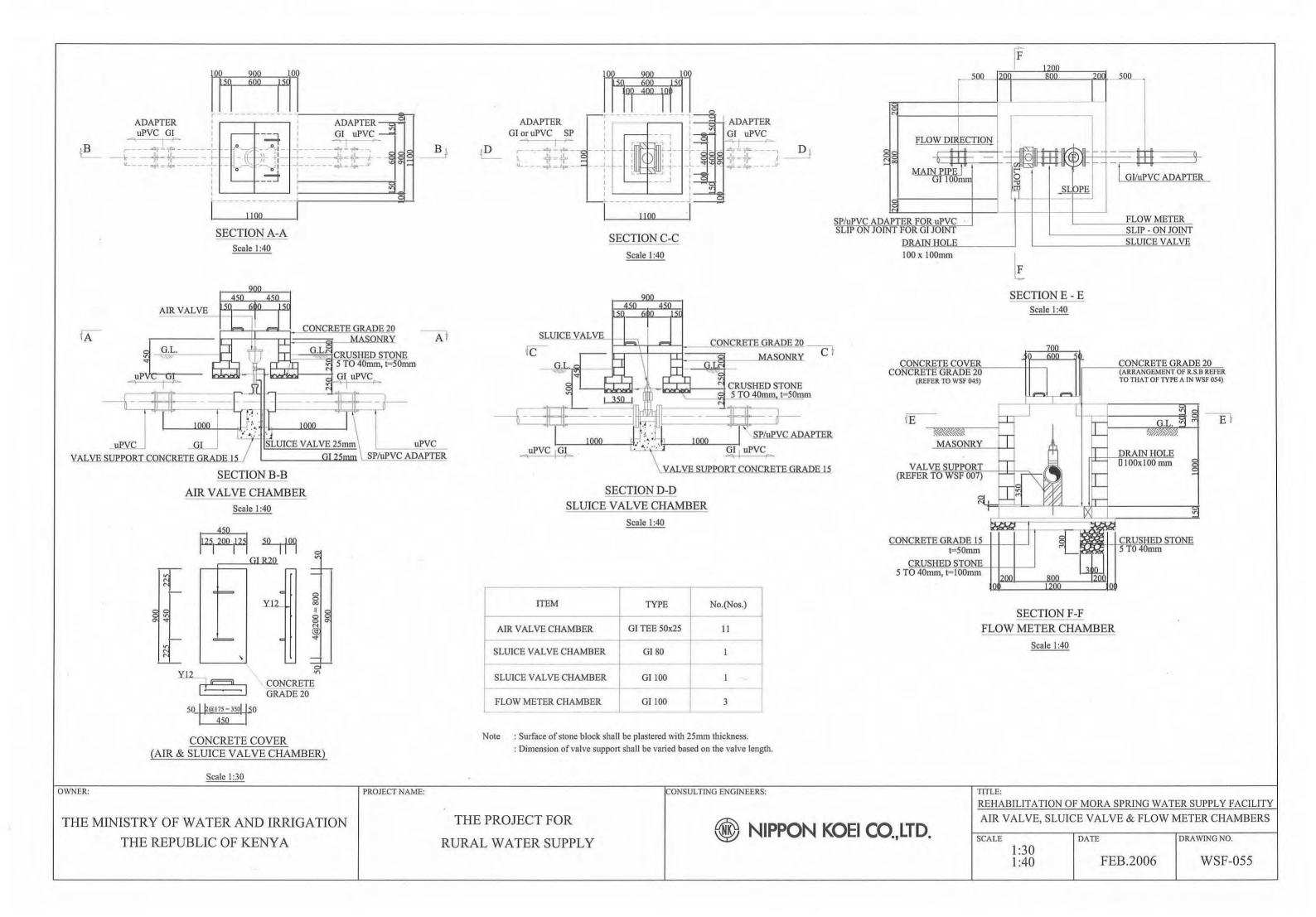
THANZE BRAN	CH - WATER KIG	DSK NO. 9 (2/2)
5	a	
1	- 288.23	
	- 0.02	
- 587.14	45/88	
877.37	906.12	
1		
TITLE:		
		TER SUPPLY FACILITY
		UTION PIPELINE(40/40)
H = 1:1000	DATE	DRAWING NO.
V = 1:400	FEB.2006	WSF-053

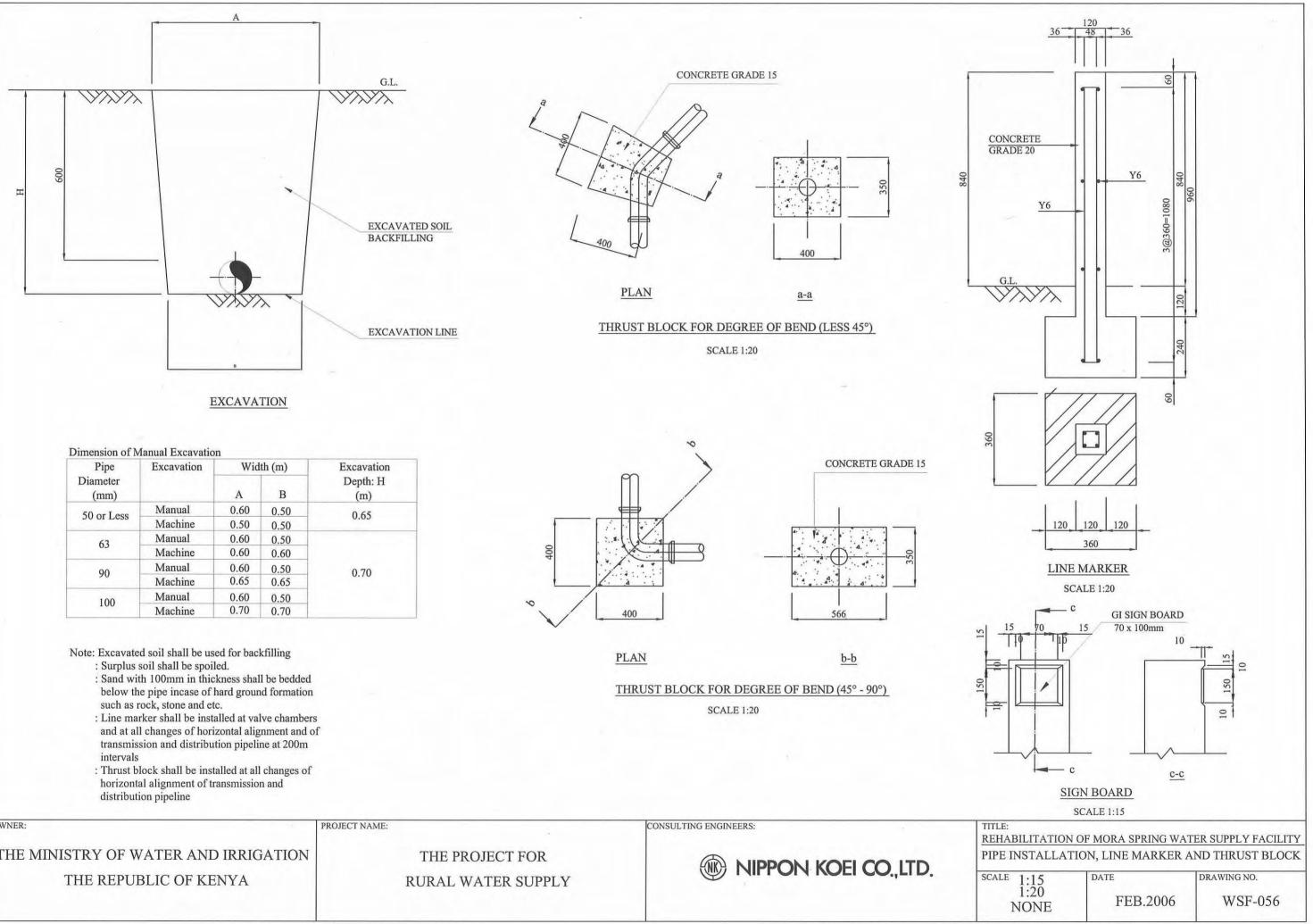


C	Diameter (mm)					
	Main Pipe		Branch Pipe	W (mm)	No. (Nos.)	
	in Chamber	Branch Pipe	in Chamber		Blow off	Branch
	GI 50	uPVC 50	GI 50	800	-	8
	GI 50	uPVC 63	GI 50	800	13	1
	GI 80	uPVC 50	GI 50	1000	-	3
	GI 80	uPVC 63	GI 50		2	1
	GI 100	GI 80	GI 80		-	1

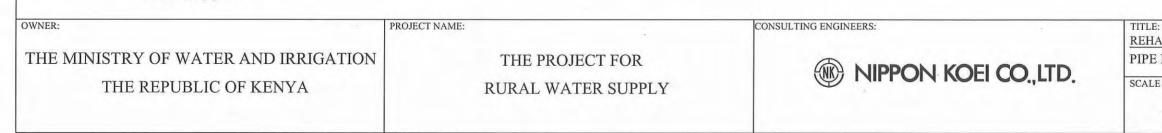
Note : Surface of stone block shall be plastered with 25mm thickness. : Dimension at valve support shall change based on the valve length

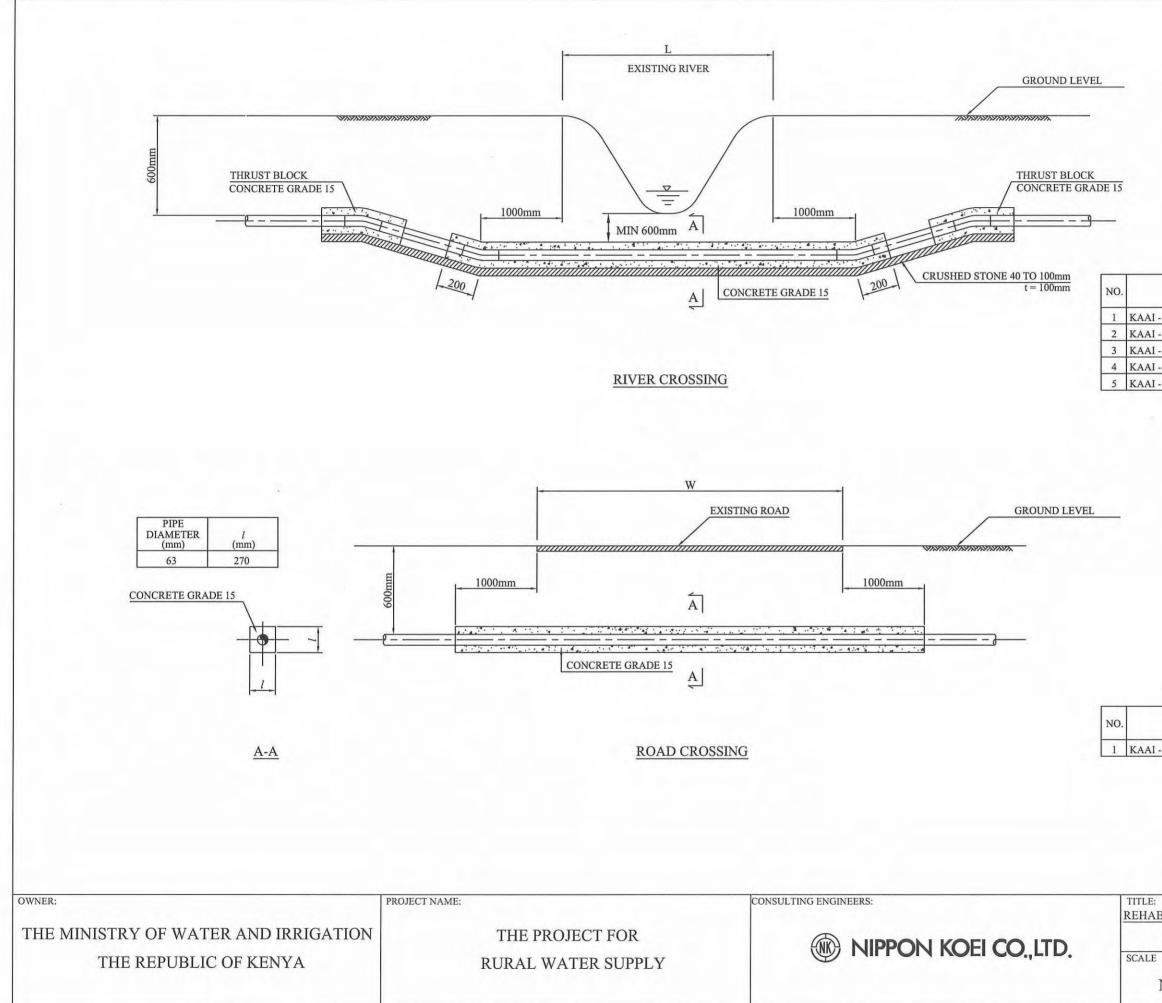
IABILITATIO	N OF MORA SPRING WAT	FER SUPPLY FACILITIES
BF	ANCH VALVE CH	IAMBER
E 1:40	DATE	DRAWING NO.
1:30	FEB.2006	WSF-054





Diameter (mm)		A	В	Depth: H (m)
50 or Less	Manual	0.60	0.50	0.65
50 01 LC35	Machine	0.50	0.50	0.05
63	Manual	0.60	0.50	
	Machine	0.60	0.60	
90	Manual	0.60	0.50	0.70
	Machine	0.65	0.65	0.70
100	Manual	0.60	0.50	
	Machine	0.70	0.70	

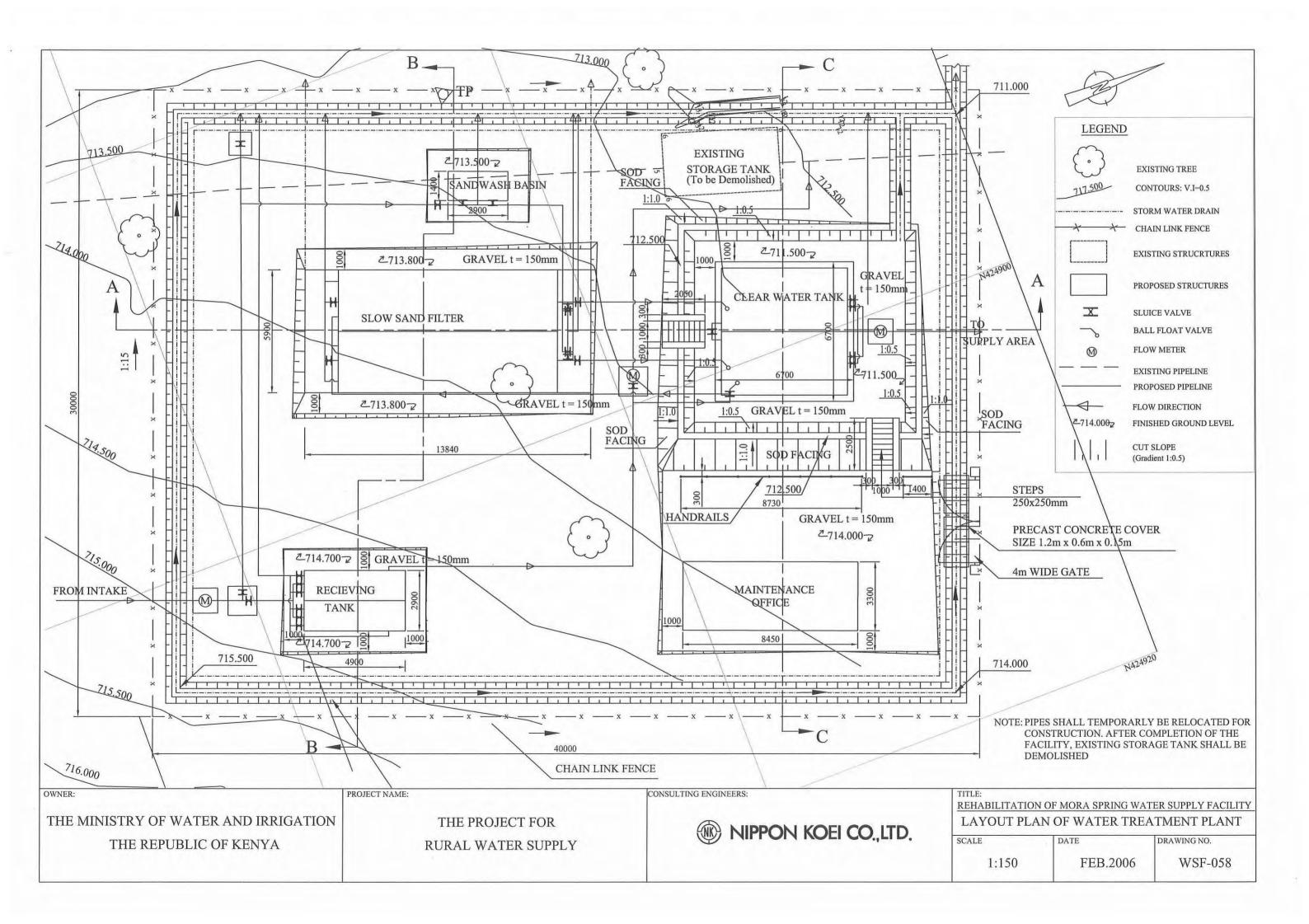


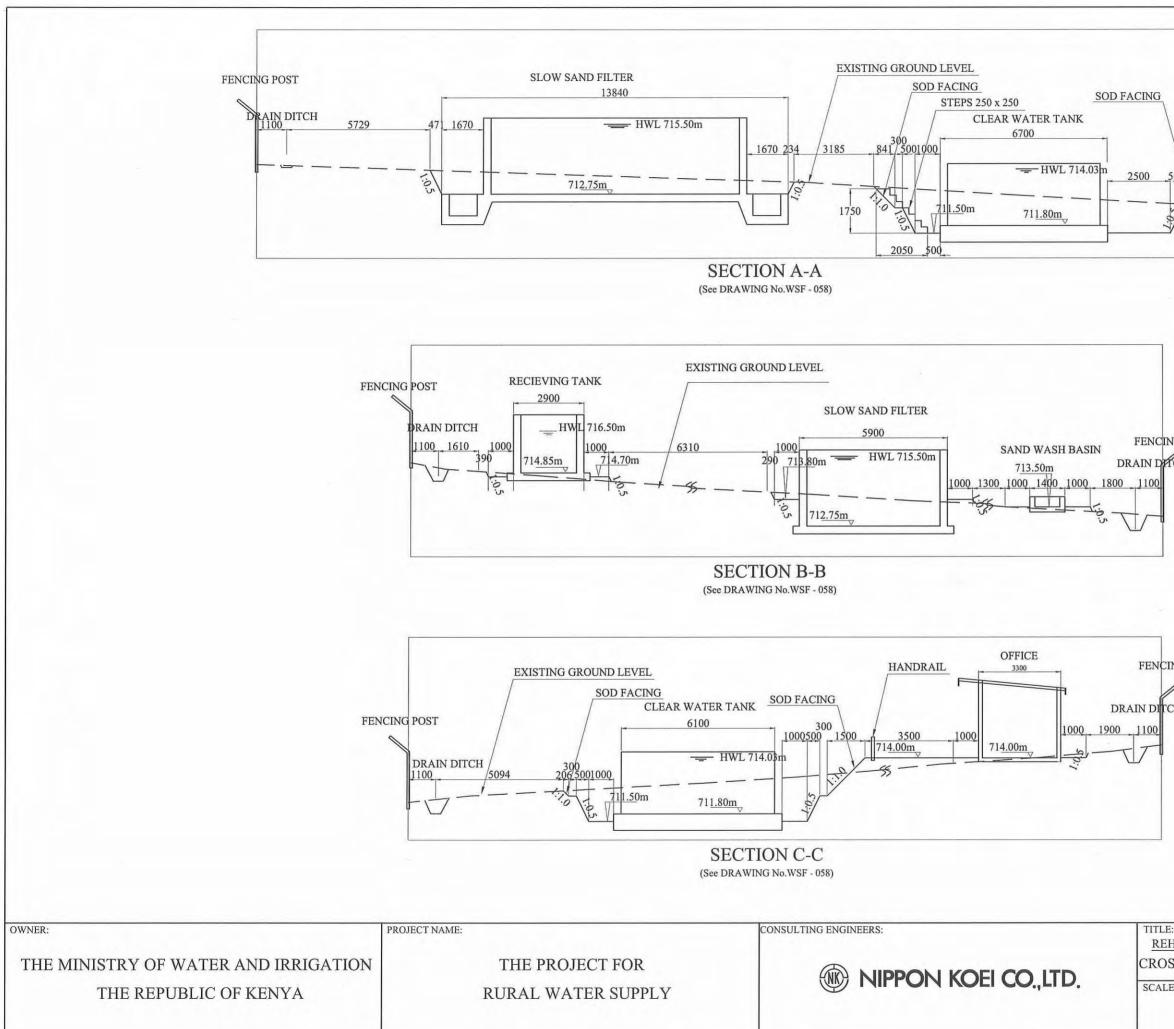


LOCATION	L (m)	PIPE (mm)
- MUTYANGOMBE 0425.71m	55.8	63
- MUTYANGOMBE 0666.75m	30.0	63
- MUTYANGOMBE 1079.65m	5.8	63
- MUTYANGOMBE 1192.32m	7.0	63
- MUTYANGOMBE 2867.17m	11.3	63

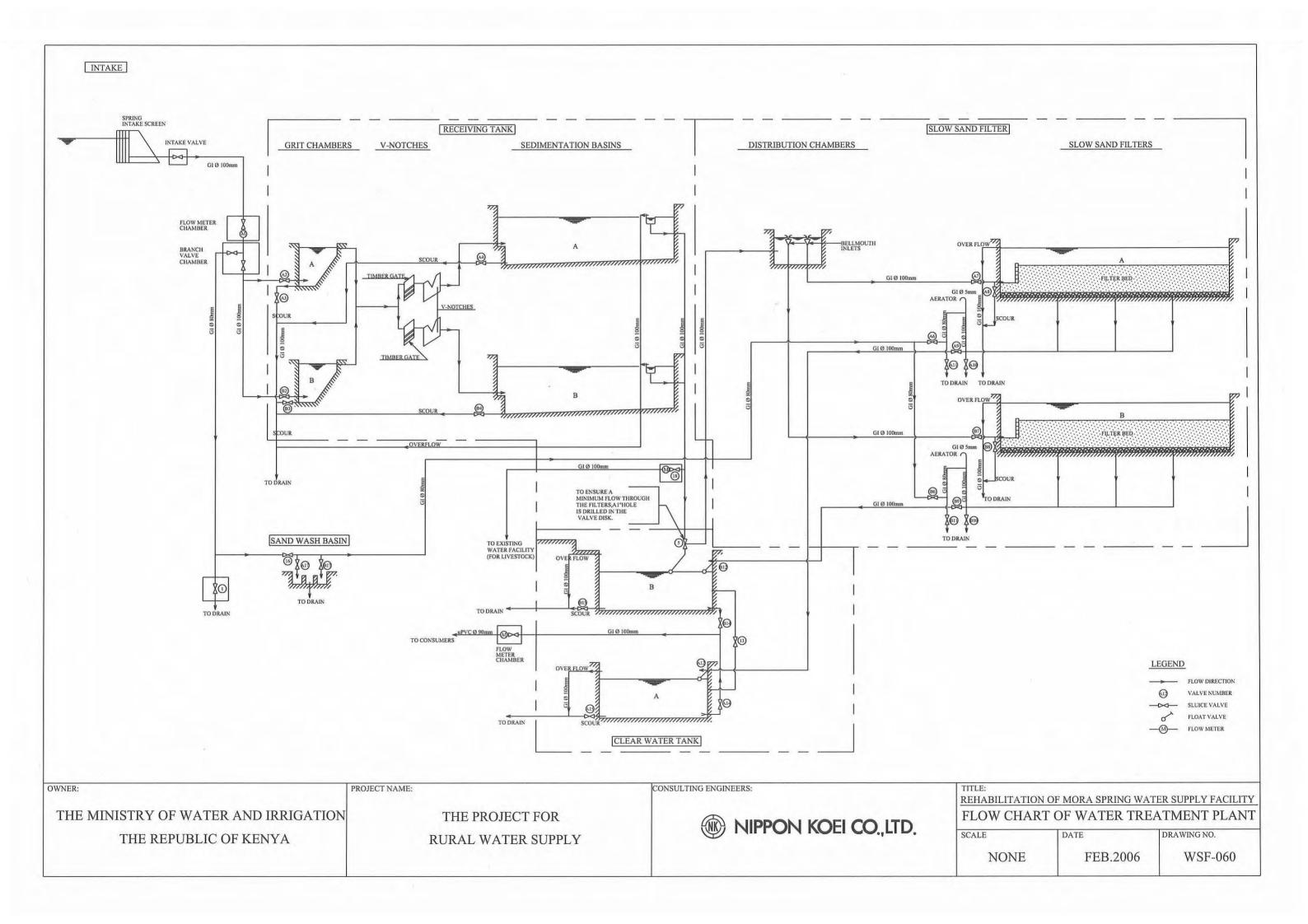
LOCATION	W (m)	PIPE (mm)
STORAGE TANK 0.00m	10.0	63

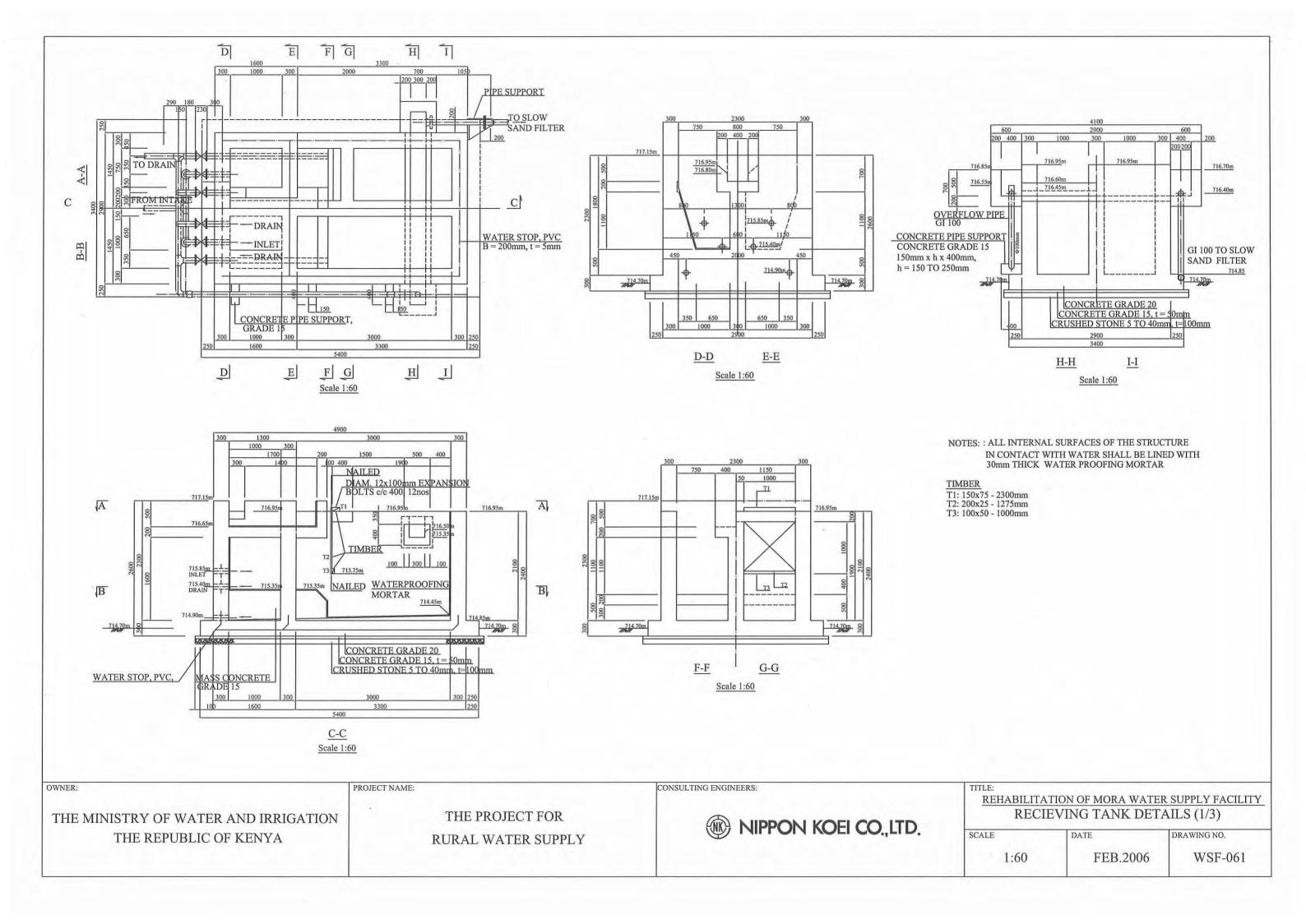
		A. 1998	
BILITATION	OF MORA SPRING WA	TER SUPPLY FACILITY	
RIVER A	AND ROAD CROS	SING OF PIPE	
1	DATE	DRAWING NO.	
NONE	FEB.2006	WSF-057	

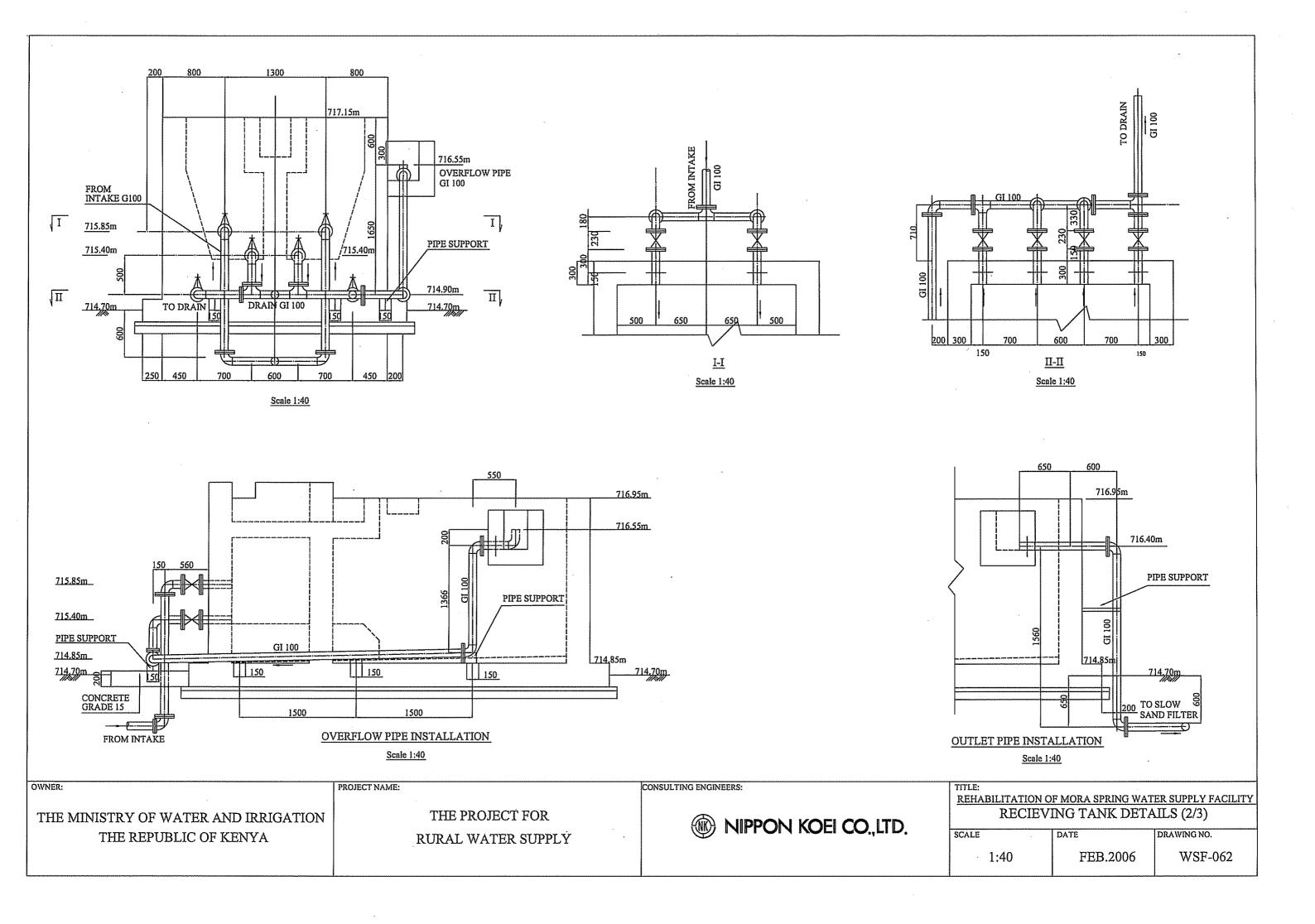


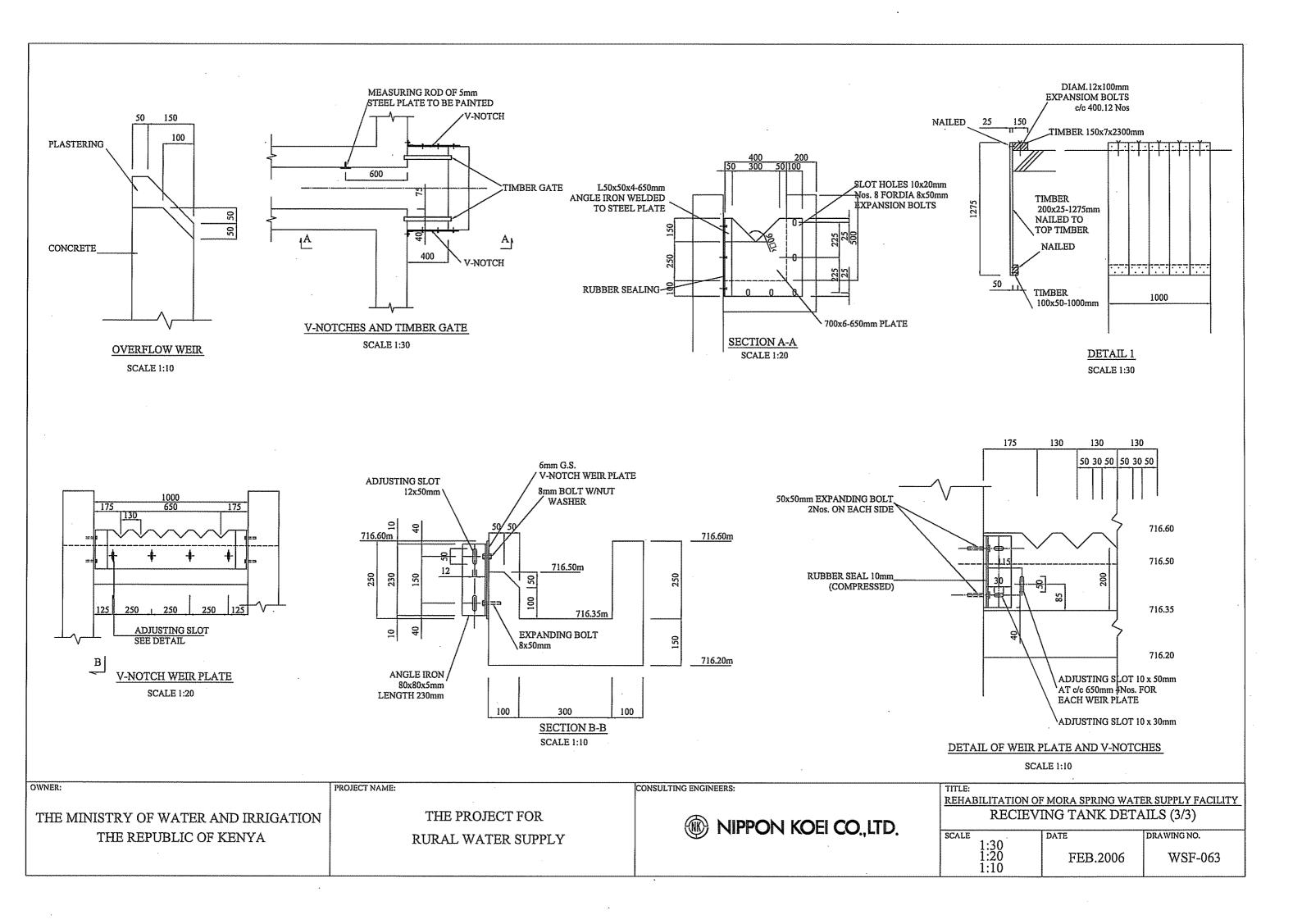


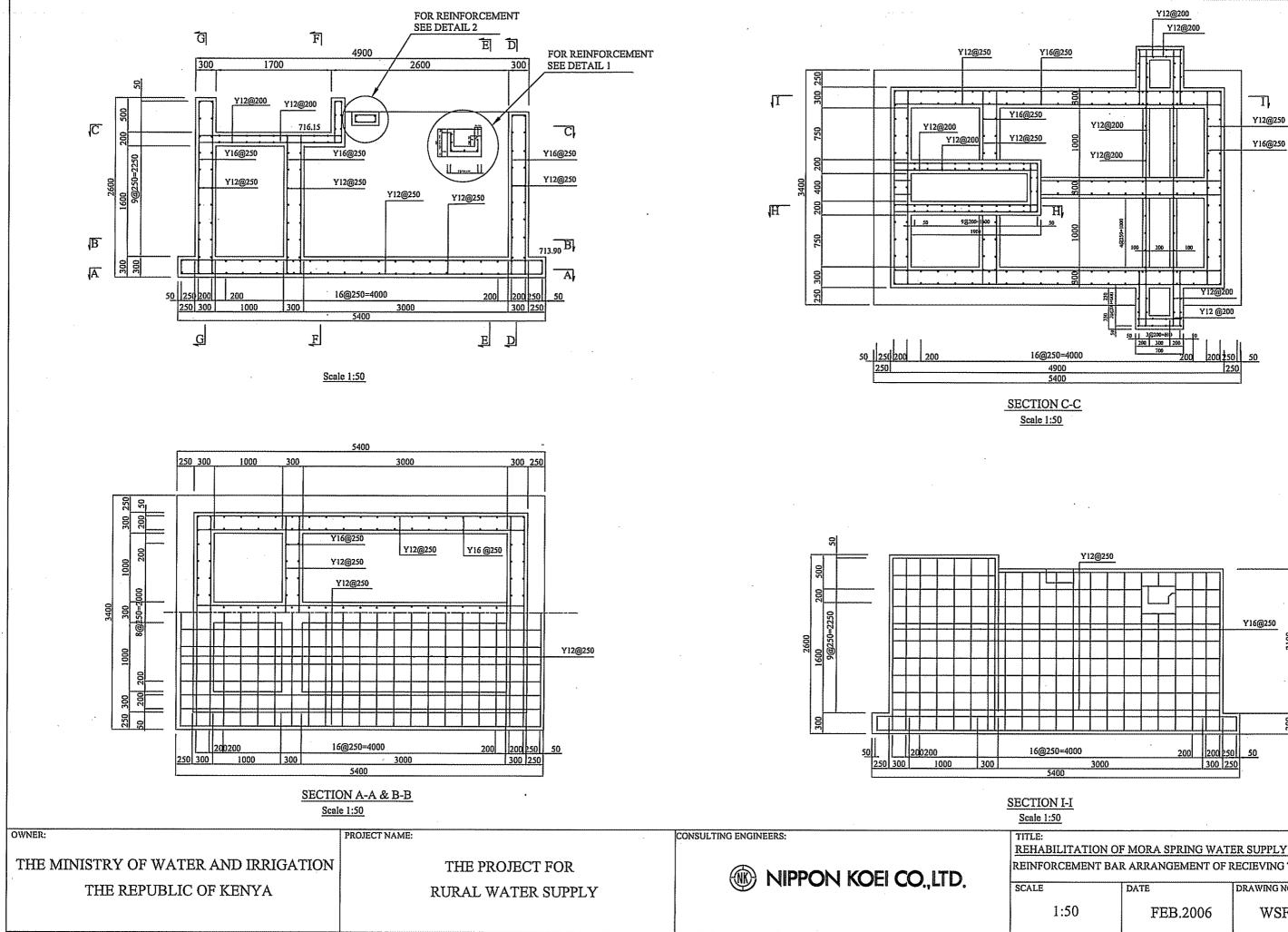
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300 500 1543 1100		
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NG POST		
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CH		
: HABILITATION (	OF MORA SPRING WA	TER SUPPLY FACILITY
SS SECTIONAL	VIEW OF WATER 7	FREATMENT PLANT
E	DATE	DRAWING NO.
1:150	FEB.2006	WSF-059











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Y12@250				
		716@520 21 24 24 24 24 24 24 24 24 24 24 24 24 24		
250=4000 3000 5400	200 200 22 300 2			
<u>N I-I</u> :50				
BILITATION OF MORA SPRING WATER SUPPLY FACILITY				
DRCEMENT BA	R ARRANGEMENT OF	RECIEVING TANK (1/2)		
1:50	feb.2006	drawing no. WSF-064		

