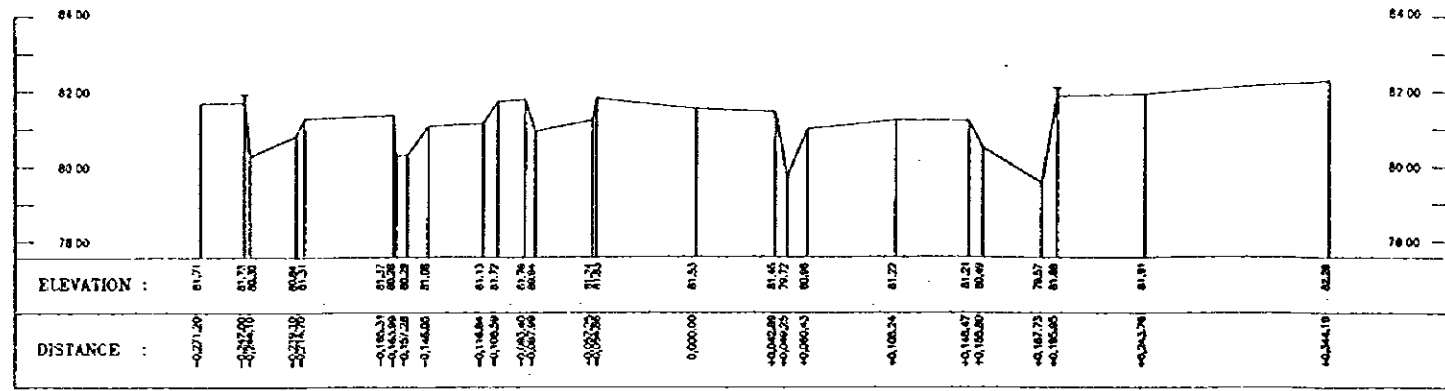
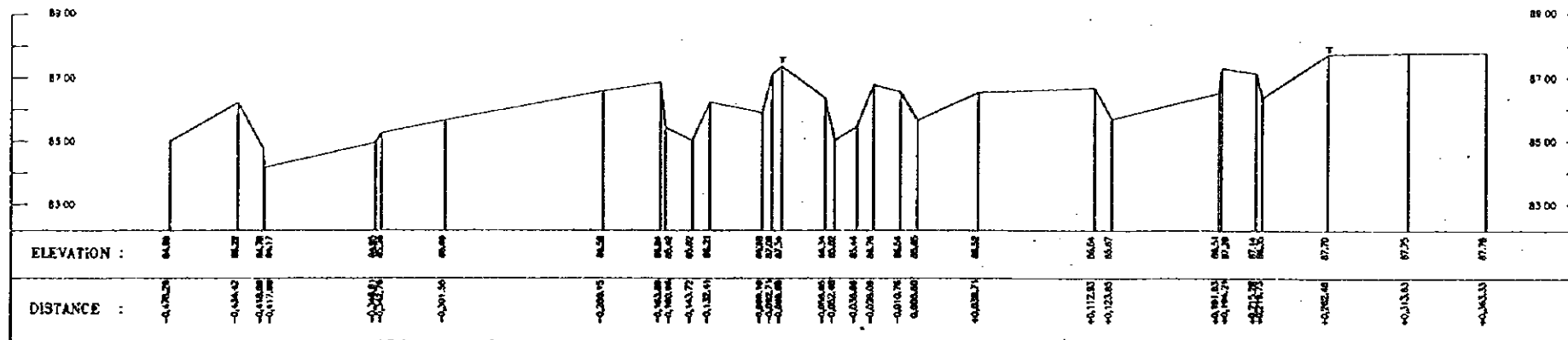


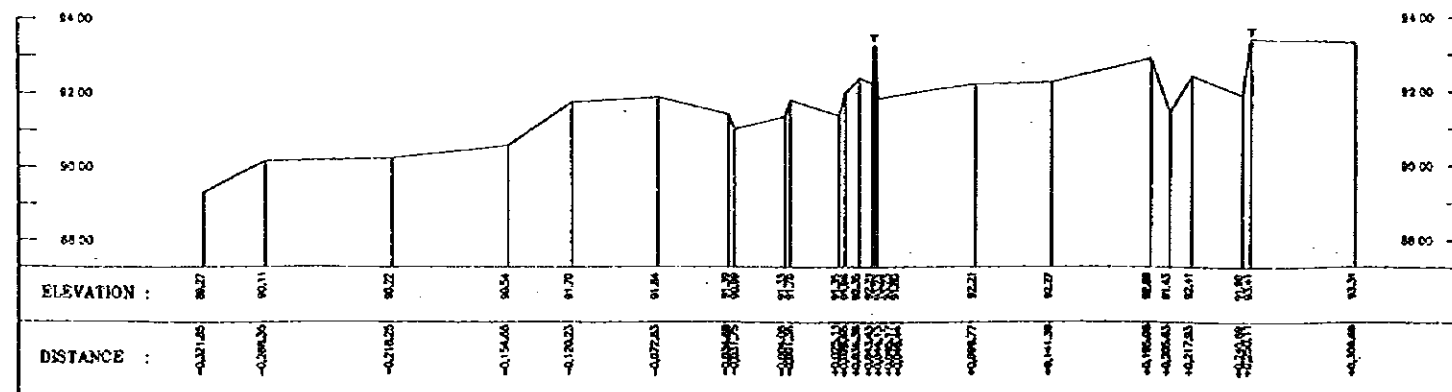
KM 0+000 LINE-0



KM 0+500 LINE-1



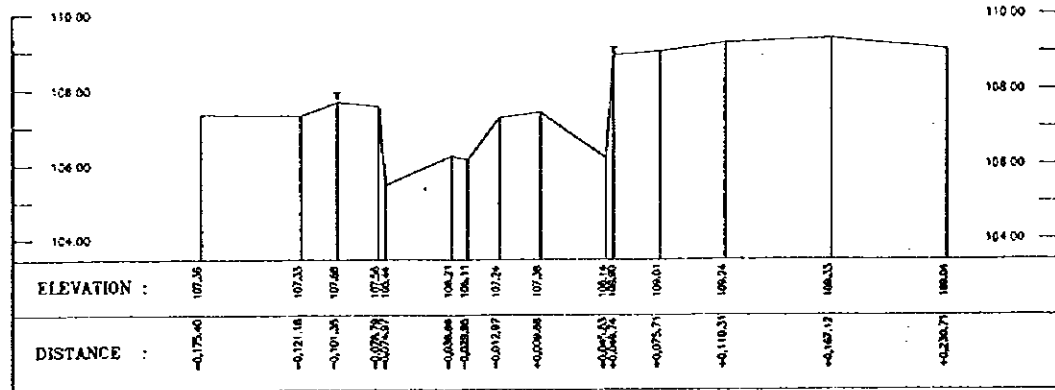
KM 1+000 LINE-2



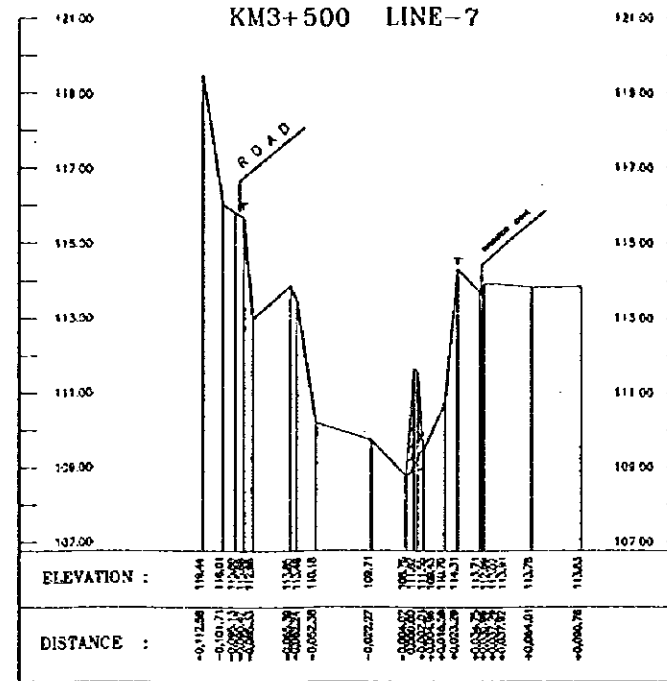
THE STUDY ON SABO AND FLOOD CONTROL
IN THE LAOAG RIVER BASIN
JAPAN INTERNATIONAL COOPERATION AGENCY

CROSS-SECTION		SITE (LOCATION) :	
		LABUGAON RIVER	
APPROVED BY :	CHECKED BY :	SCALE :	CROSS-SECTION NO.
		H = 1 : 4000 V = 1 : 200	

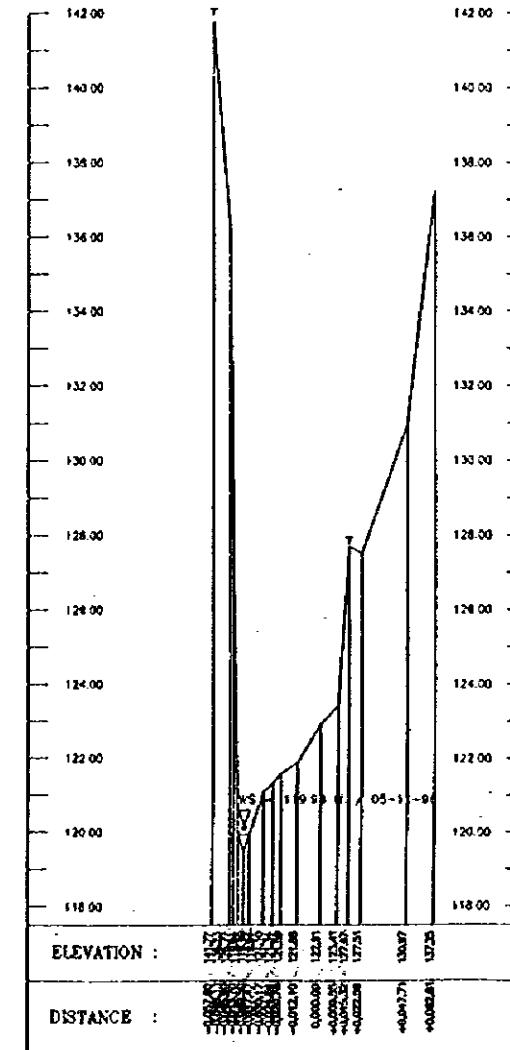
KM 3+000 LINE-6



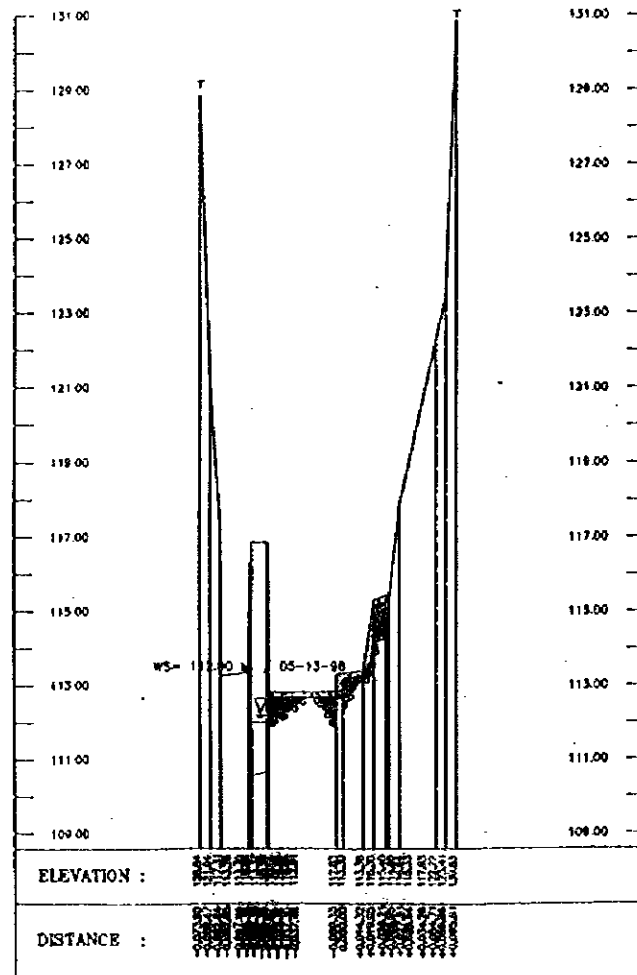
KM3+500 LINE-7



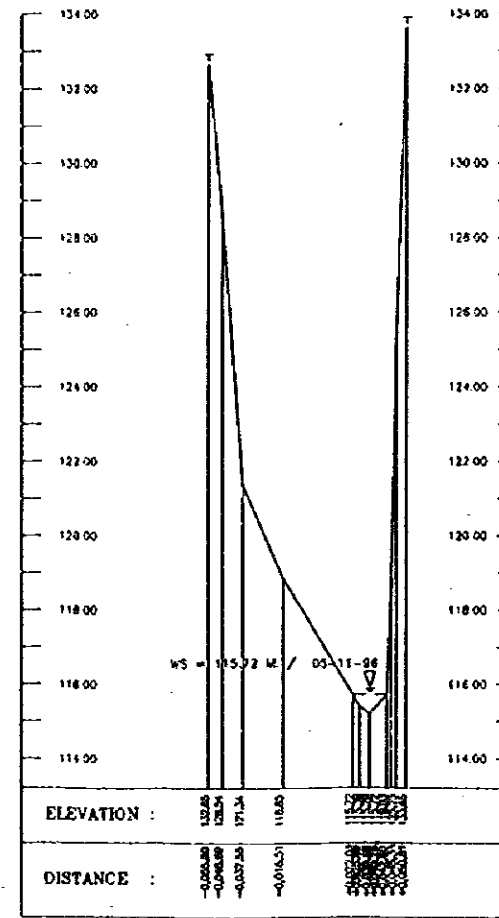
KM 4+500 LINE-9



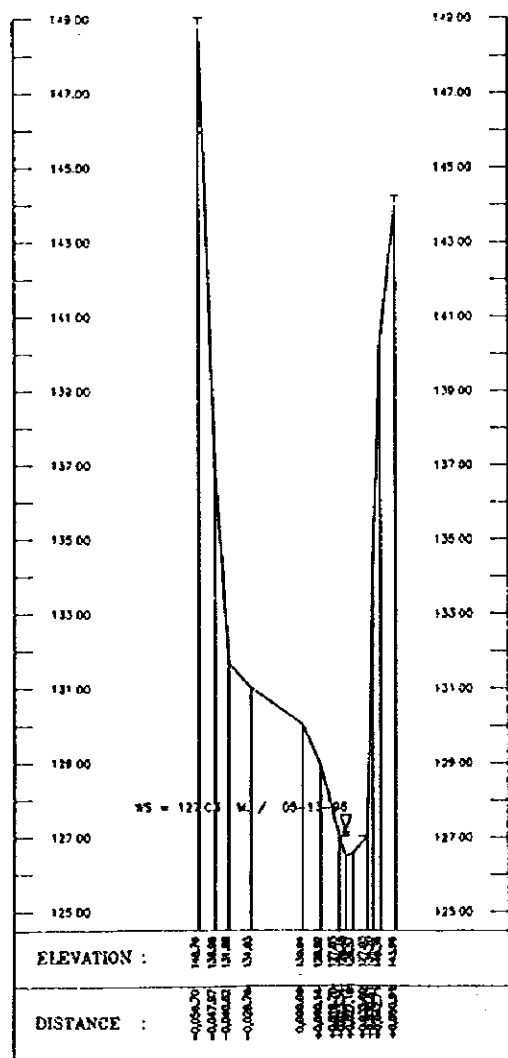
KM 3+658 LINE - 7+158 (LABUGAON DIVERSION INTAKE DAM)



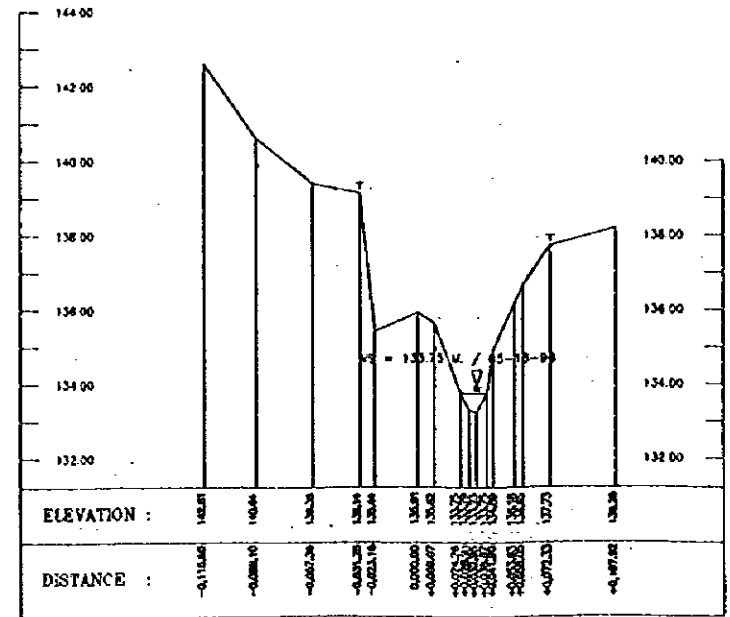
KM 4+000 LINE-8



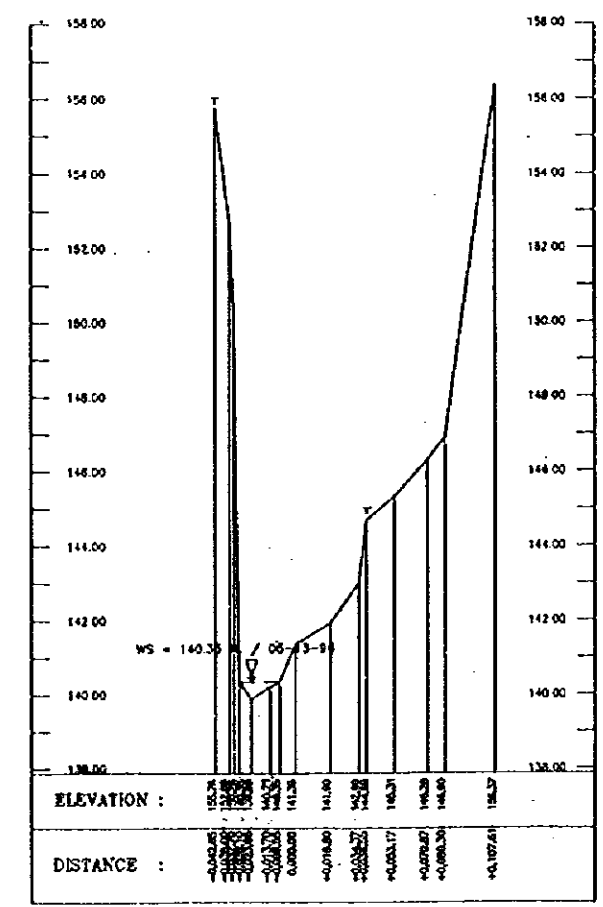
KM 5+000 LINE-10



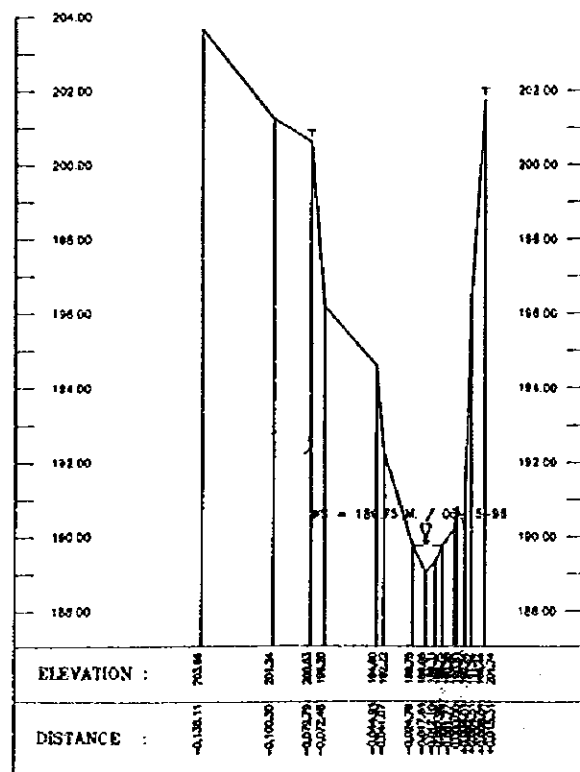
KM 5+500 LINE-11



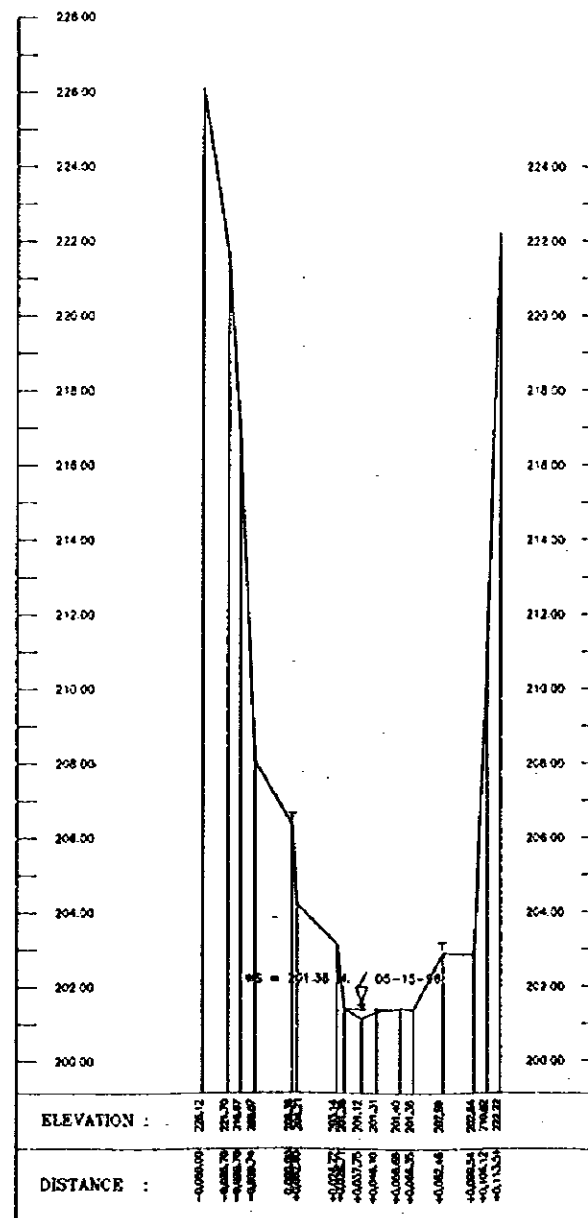
KM 6+000 LINE-12



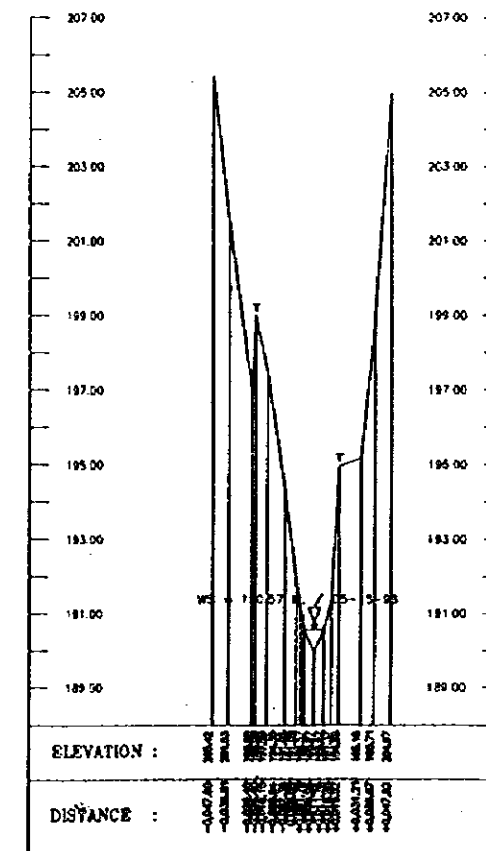
KM 10+500 LINE-21



KM 11+000 LINE-22



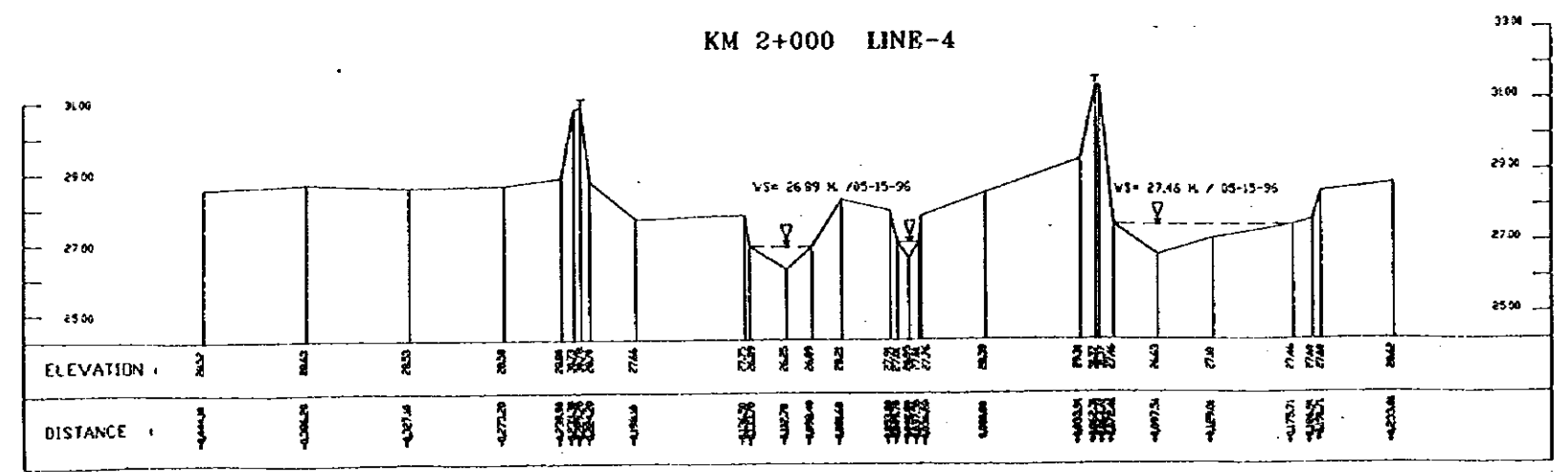
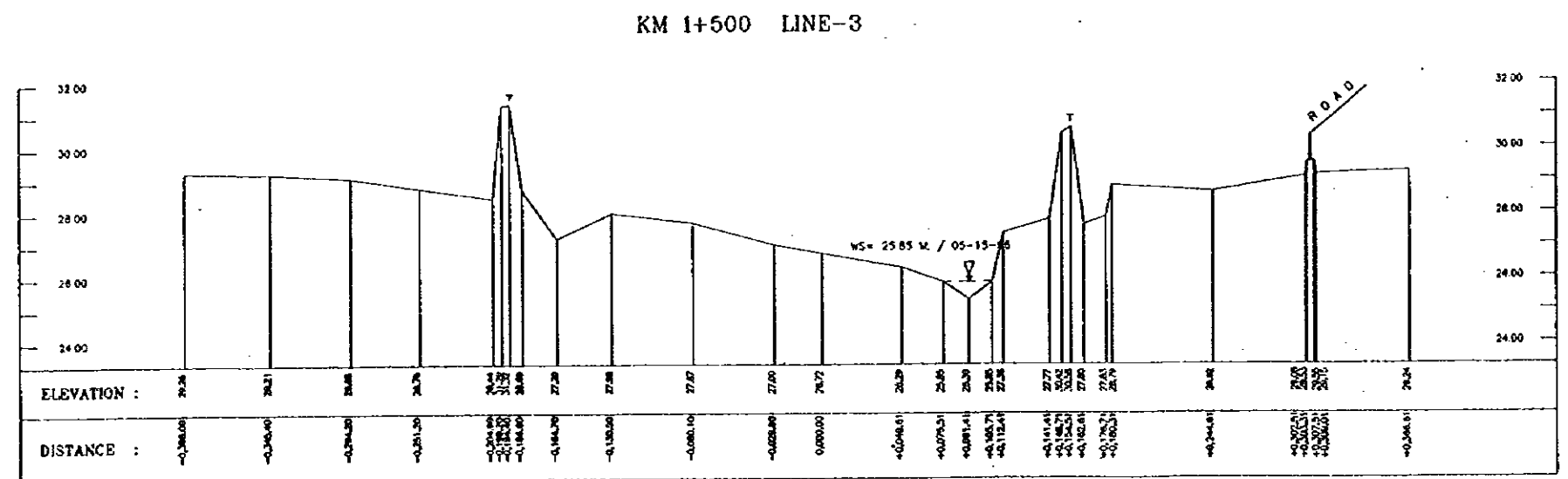
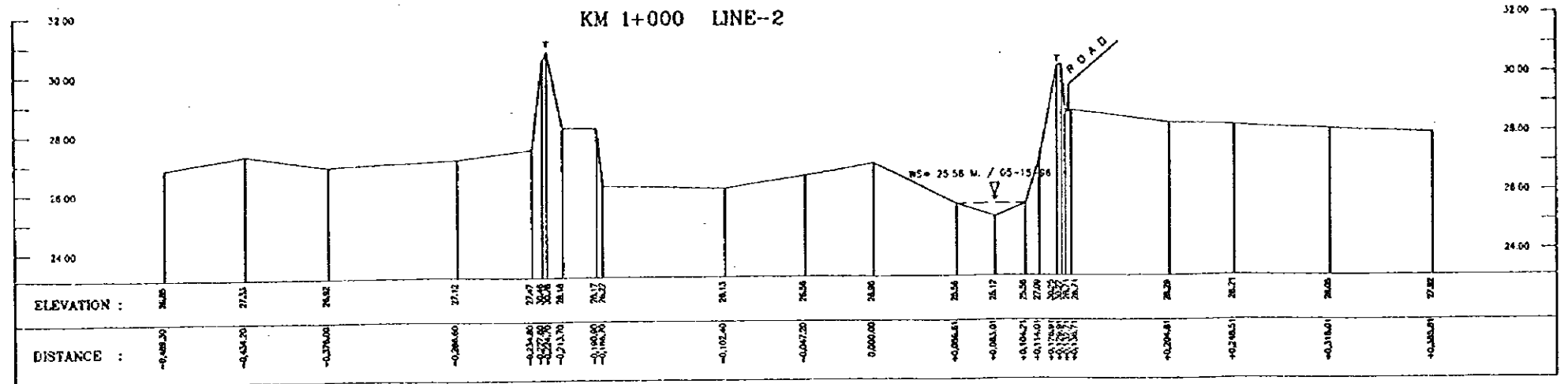
KM 11+500 LINE-23



THE STUDY ON SABO AND FLOOD CONTROL
 IN THE LAOAG RIVER BASIN
 JAPAN INTERNATIONAL COOPERATION AGENCY

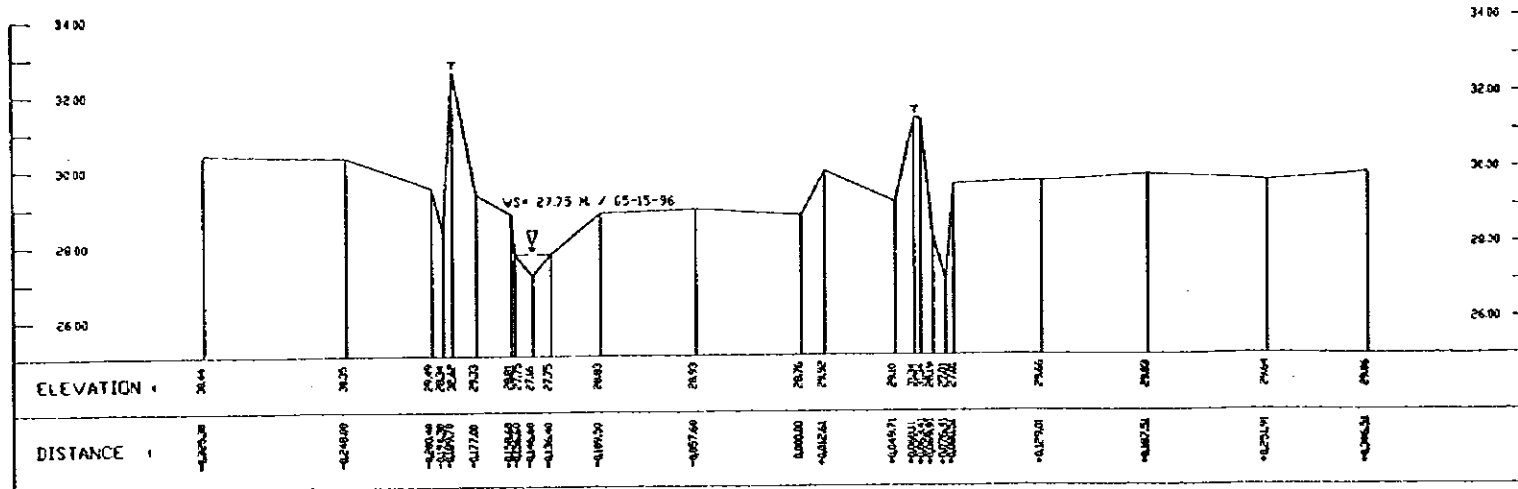
CROSS-SECTION
 APPROVED BY :
 CHECKED BY :

SITE (LOCATION) :
 LABUGAON RIVER
 SCALE :
 H = 1 : 4000
 V = 1 : 200
 CROSS-SECTION NO.

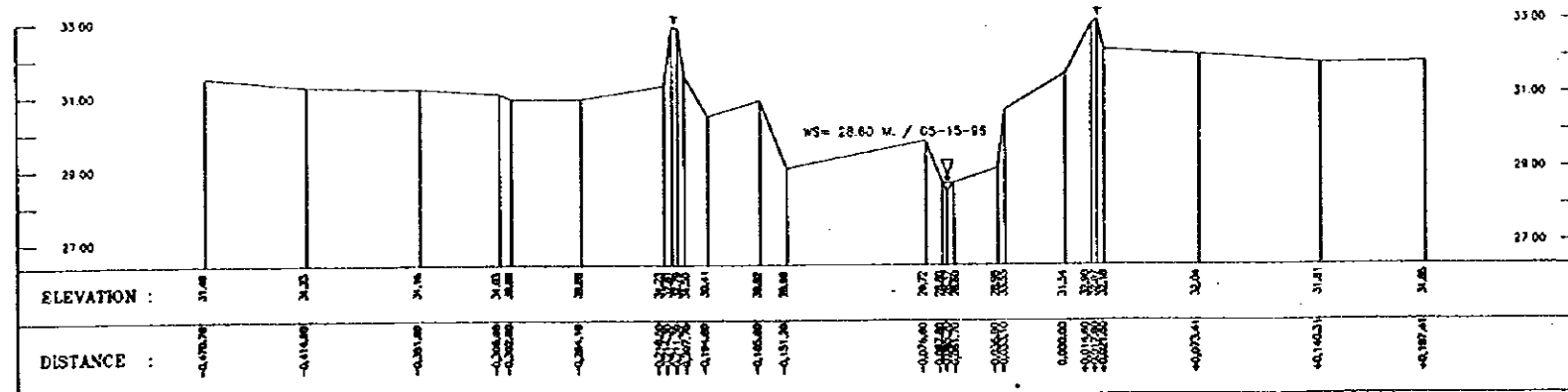


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

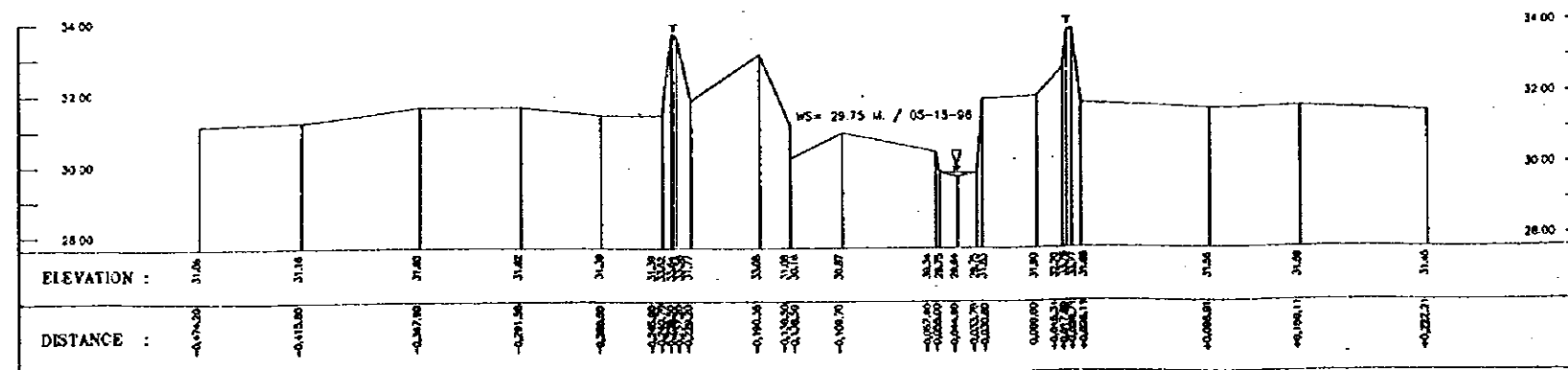
KM 2+500 LINE-5



KM 3+000 LINE-6

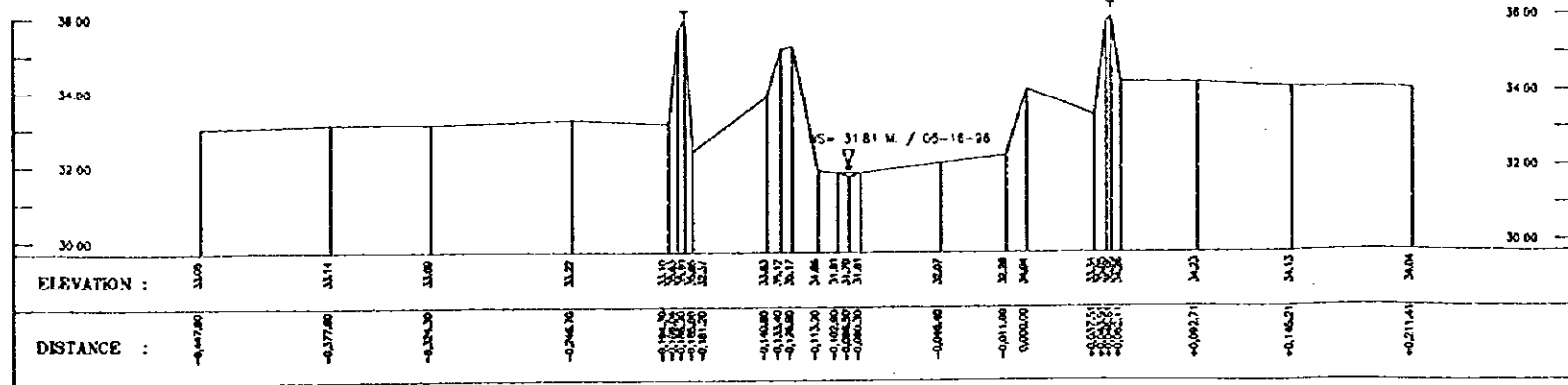


KM 3+500 LINE-7

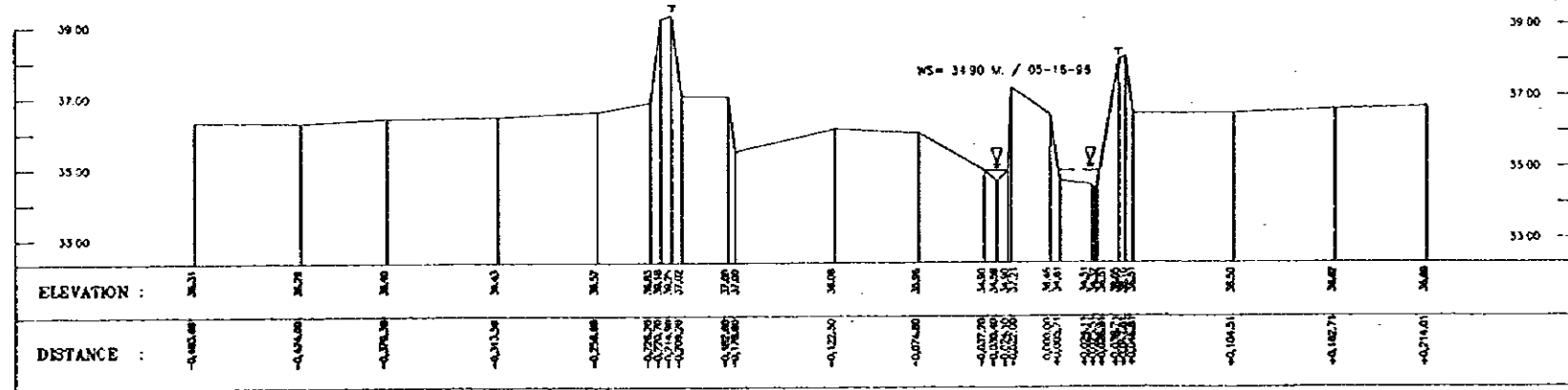


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY		CROSS-SECTION		SITE (LOCATION) :	
		APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
				SCALE :	CROSS-SECTION NO.
				H = 1 : 4000	
				V = 1 : 200	

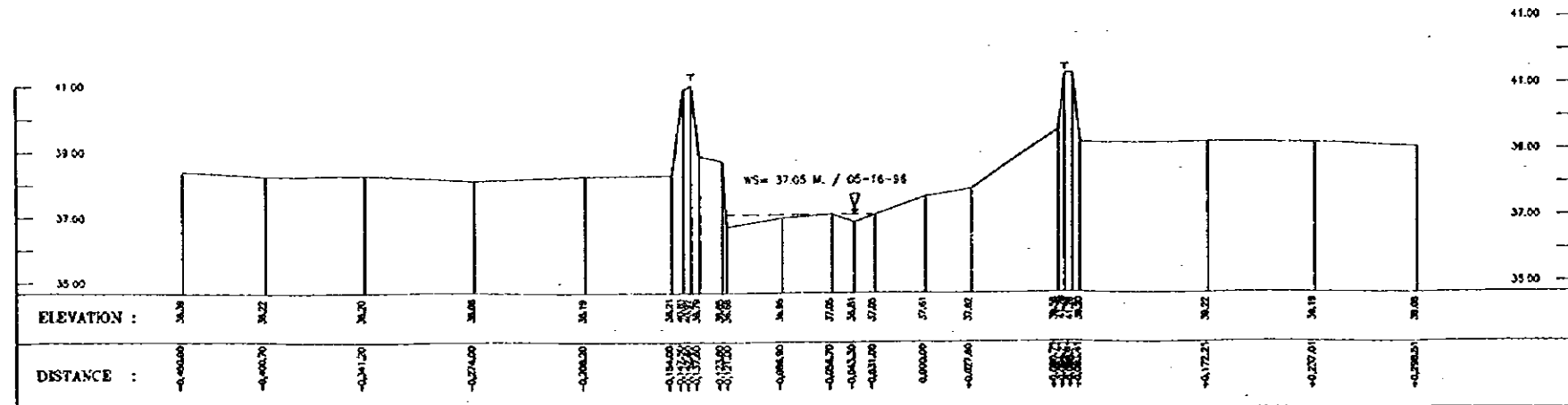
KM 4+000 LINE-8



KM 4+500 LINE-9

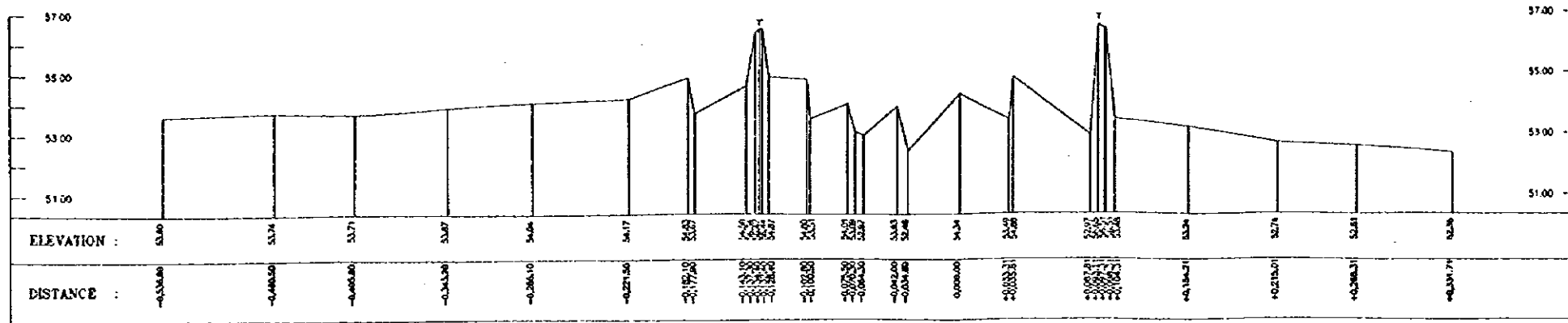


KM 5+000 LINE-10

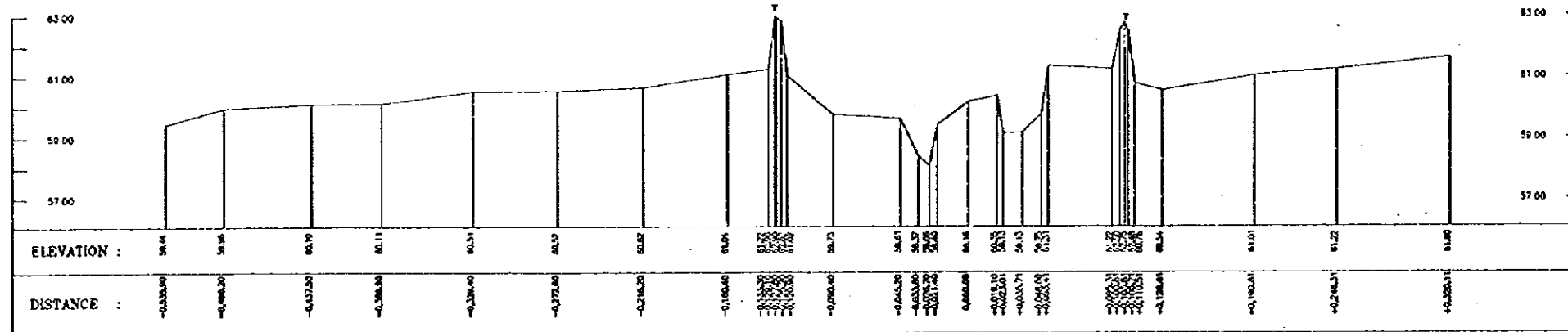


<p>THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>CROSS-SECTION</p>		<p>SITE (LOCATION) : SOLSONA RIVER</p>	
	<p>APPROVED BY :</p>	<p>CHECKED BY :</p>	<p>SCALE :</p> <p>H = 1 : 4000</p> <p>V = 1 : 200</p>	<p>CROSS-SECTION NO.</p>

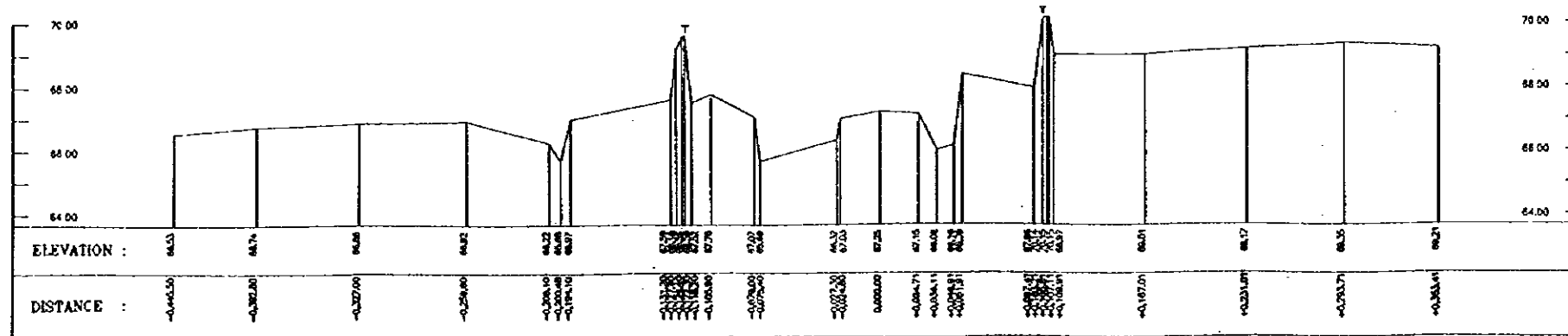
KM.7+000 LINE-14



KM.7+500 LINE-15

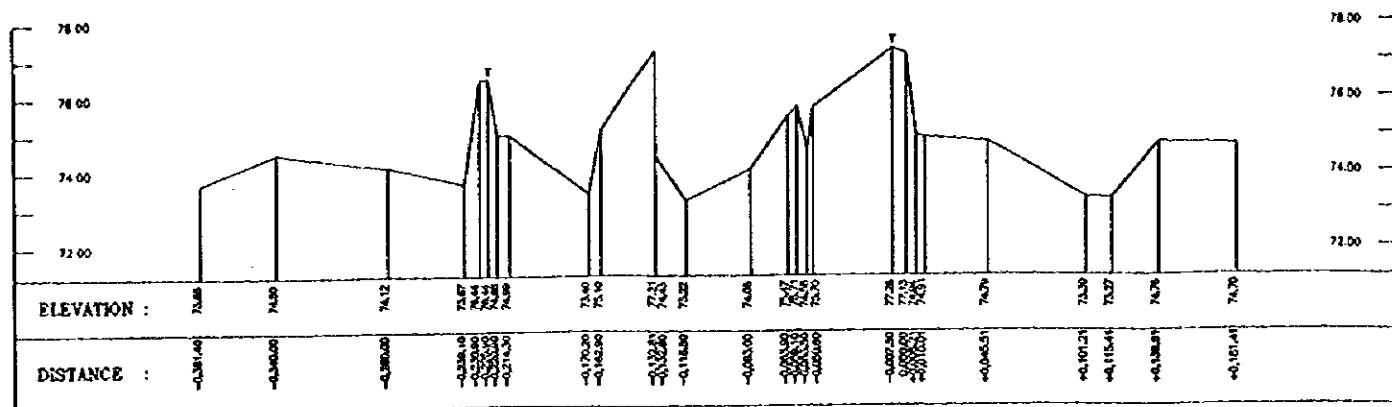


KM 8+000 LINE-16

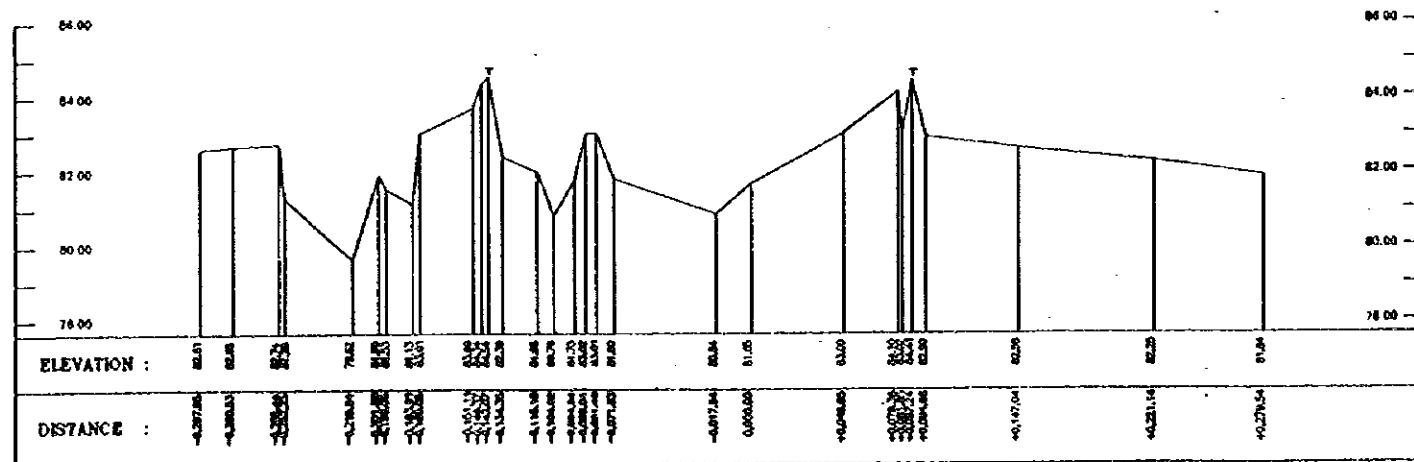


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

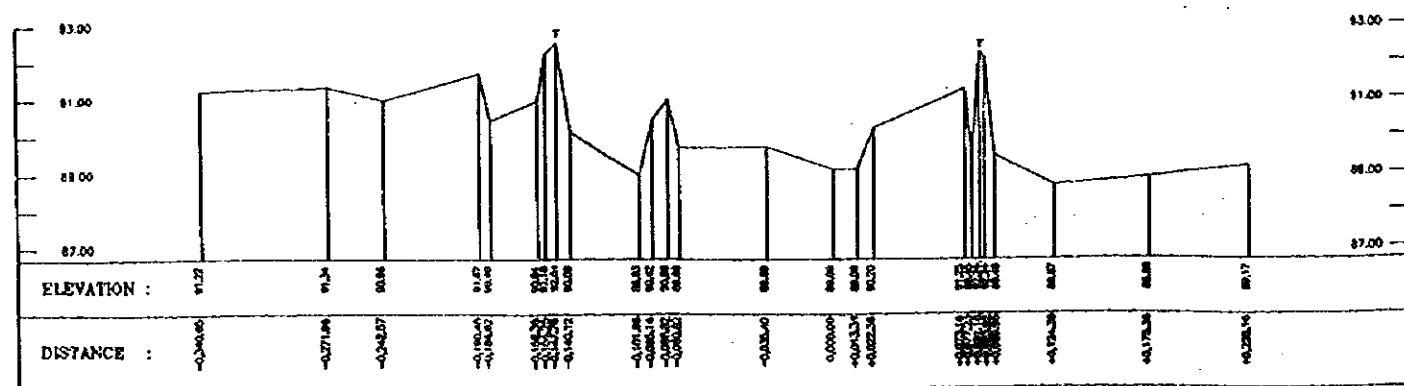
KM 8+500 LINE-17



KM 9+000 LINE-18



KM 9+500 LINE-19

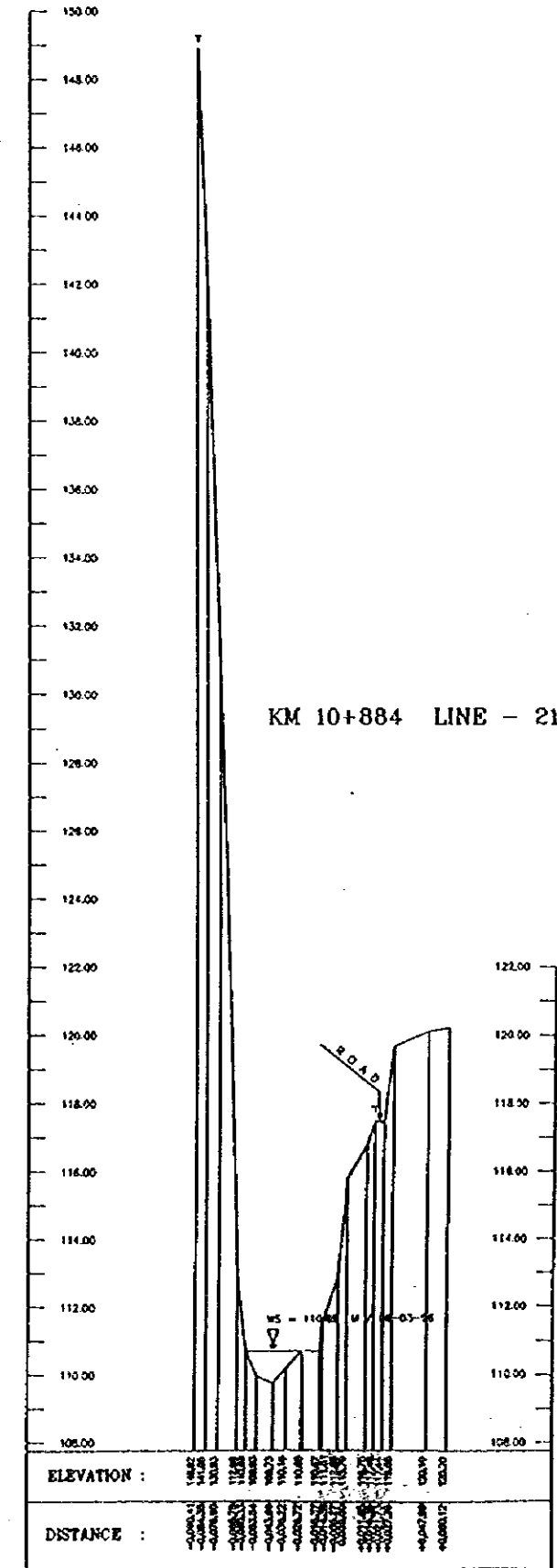
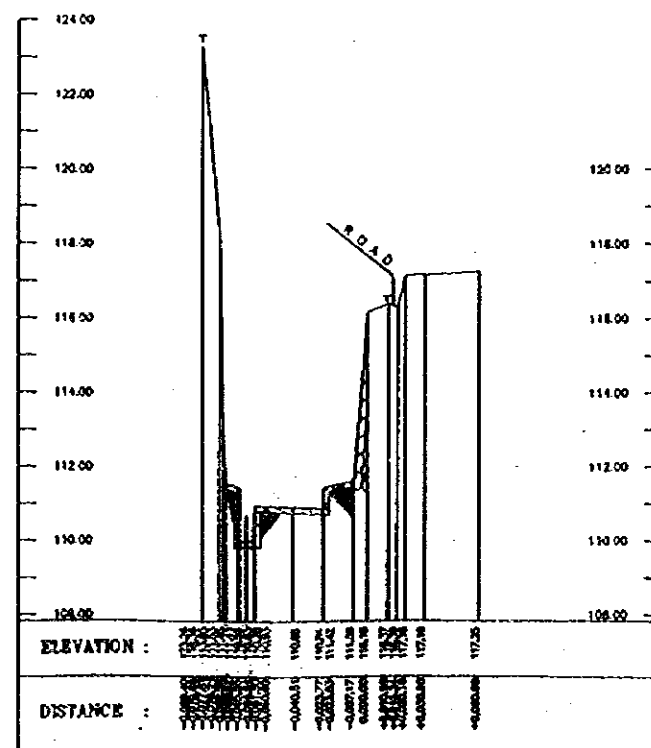
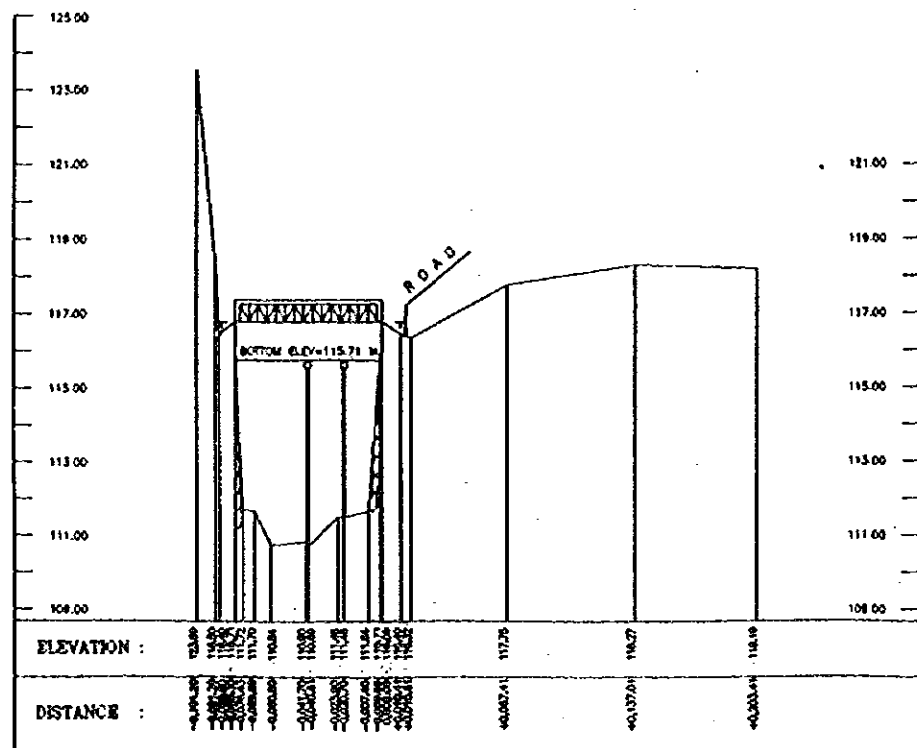


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
		SCALE :	CROSS-SECTION NO.	
		M = 1 : 4000		
		Y = 1 : 200		

KM 10+833 LINE - 21+333 (SOLSONA-DAM-BRIDGE)

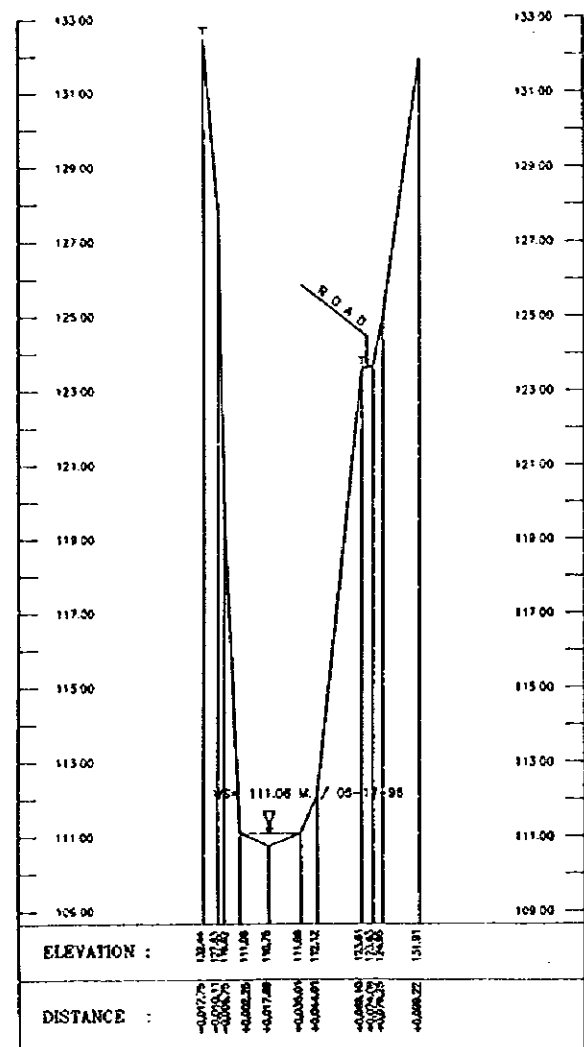
KM 10+838 LINE - 21+338 (SOLSONA DIVERSION INTAKE DAM)

KM 10+884 LINE - 21+384

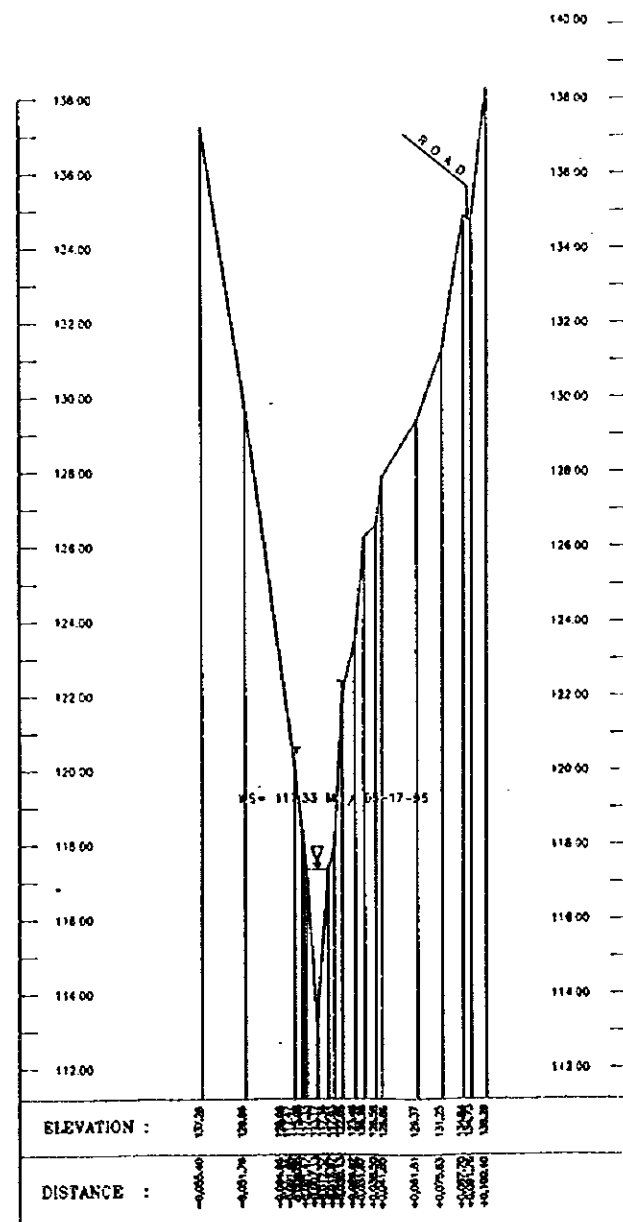


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

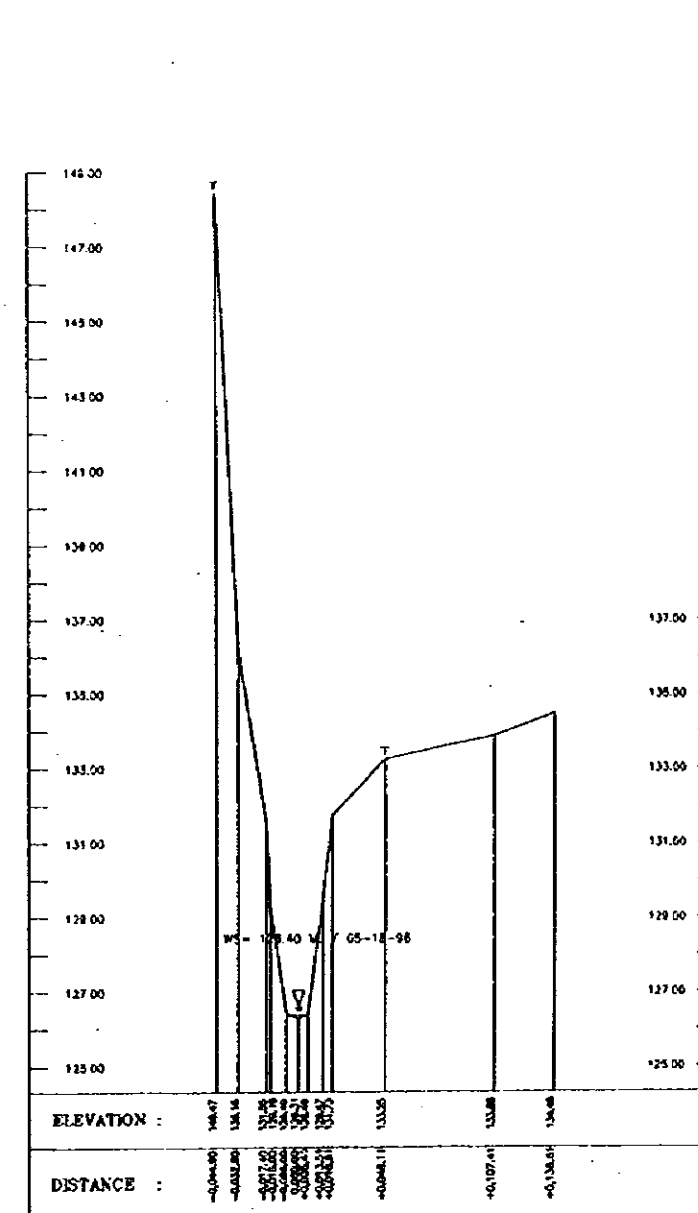
KM 11+000 LINE-22



KM 11+500 LINE-23

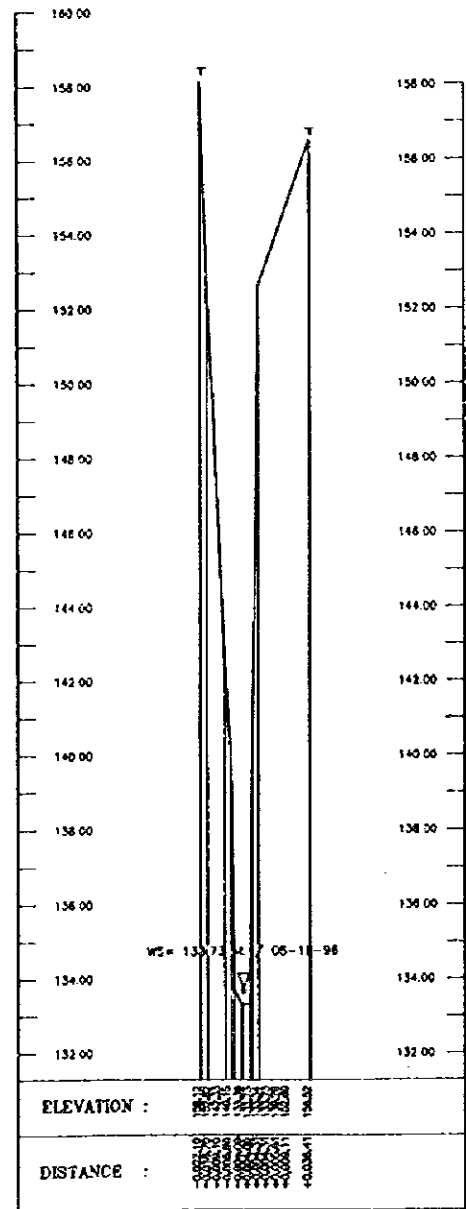


KM 12+000 LINE-24

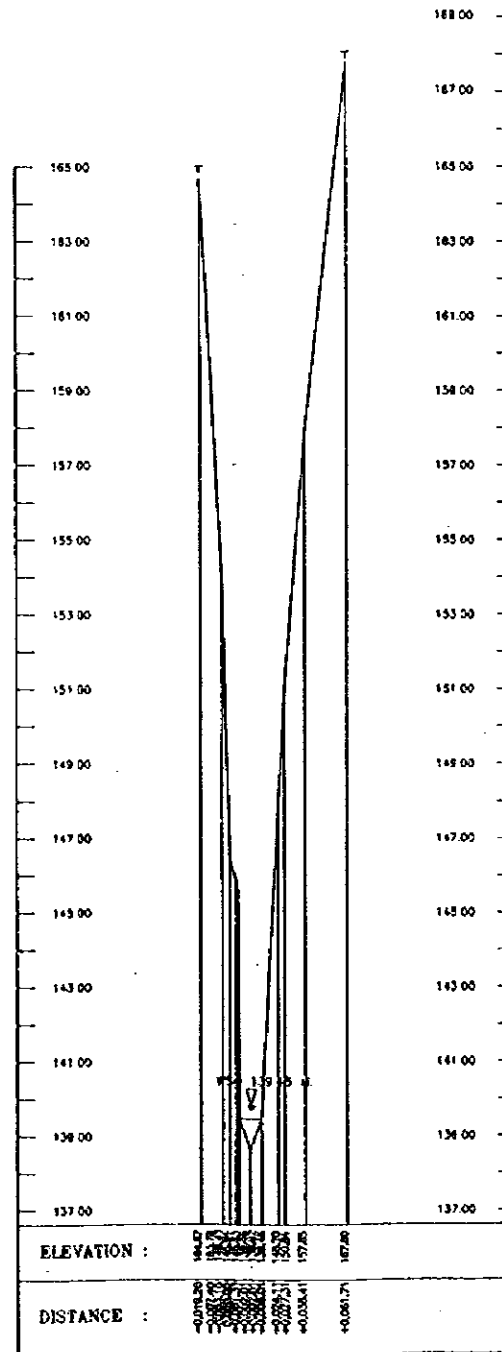


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

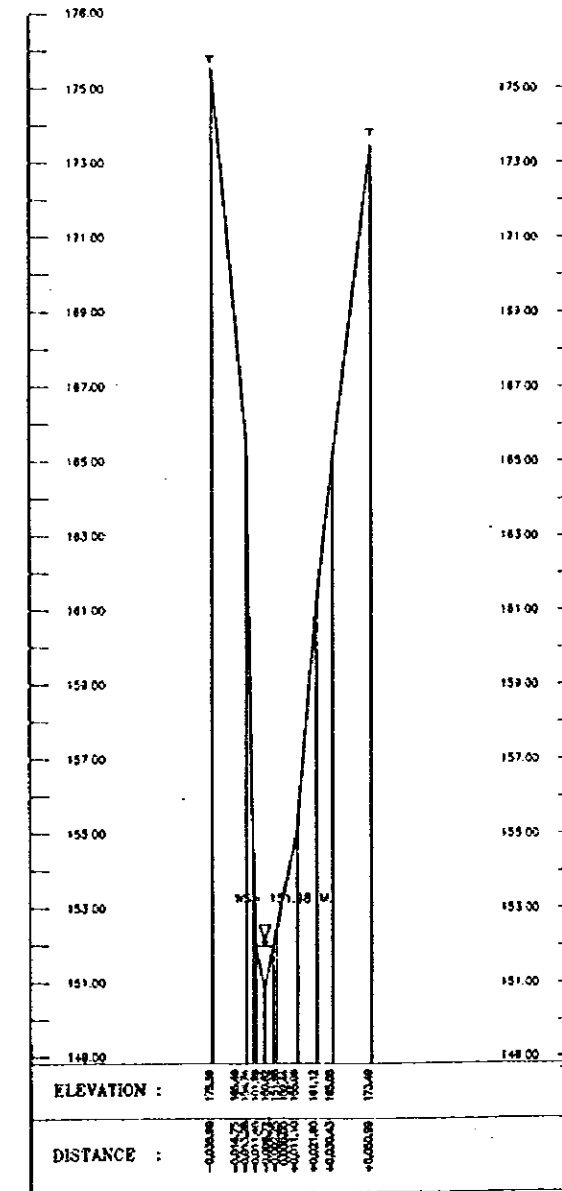
KM 12+500 LINE-25



KM 13+000 LINE-26

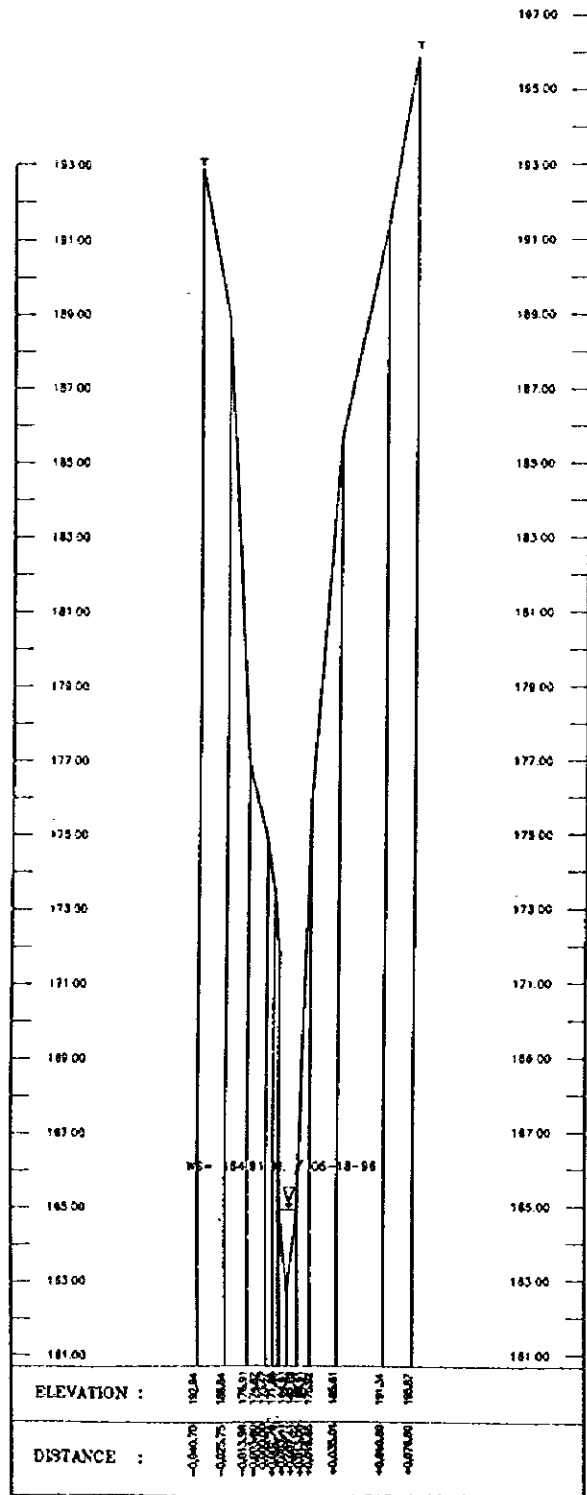


KM 13+500 LINE-27

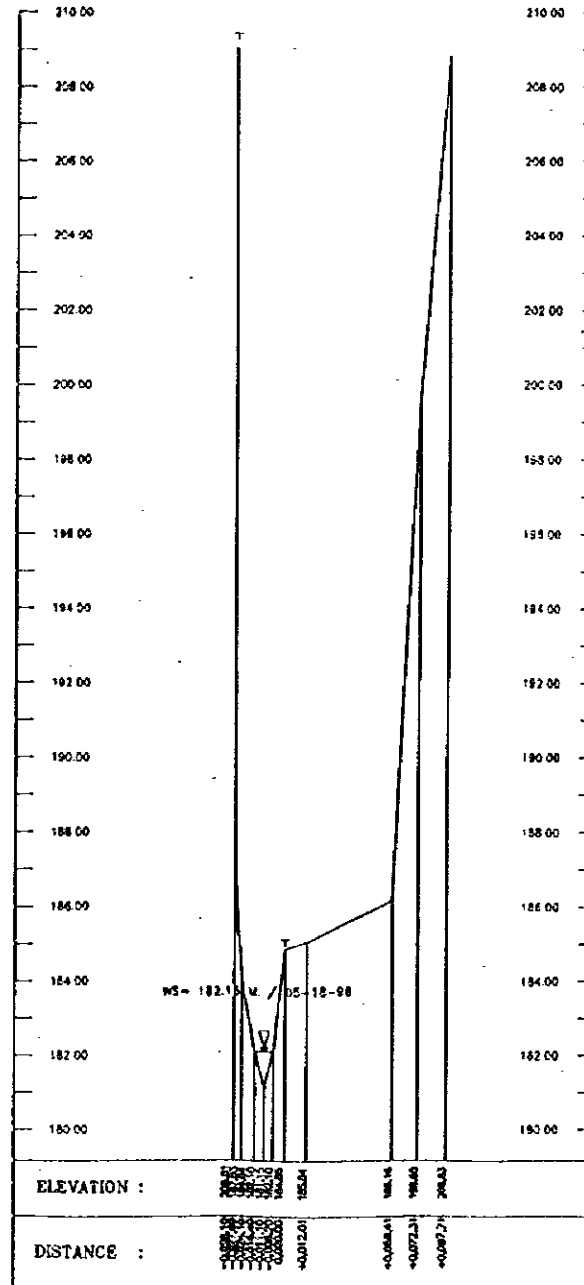


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

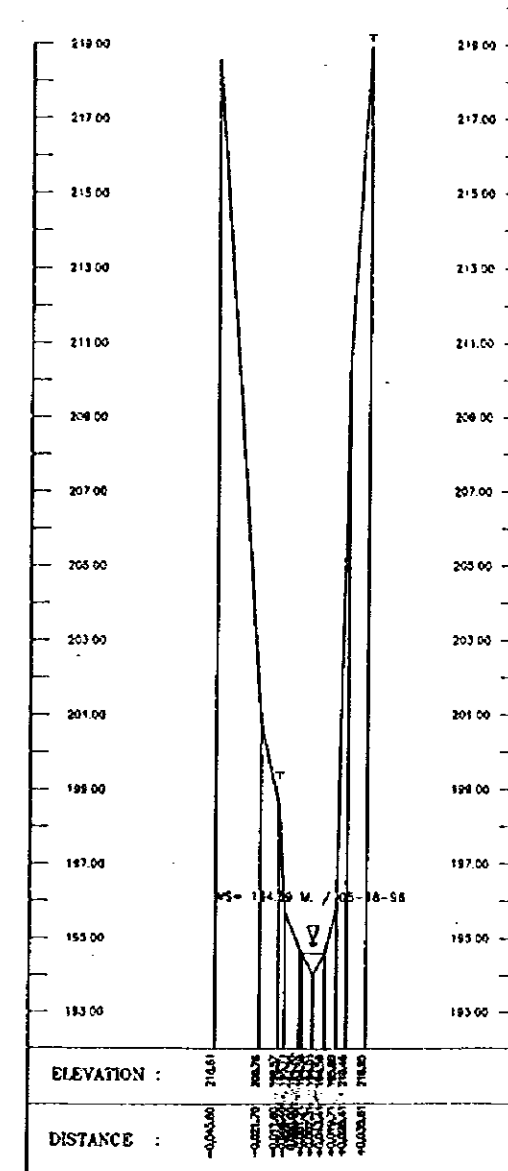
KM 14+000 LINE-28



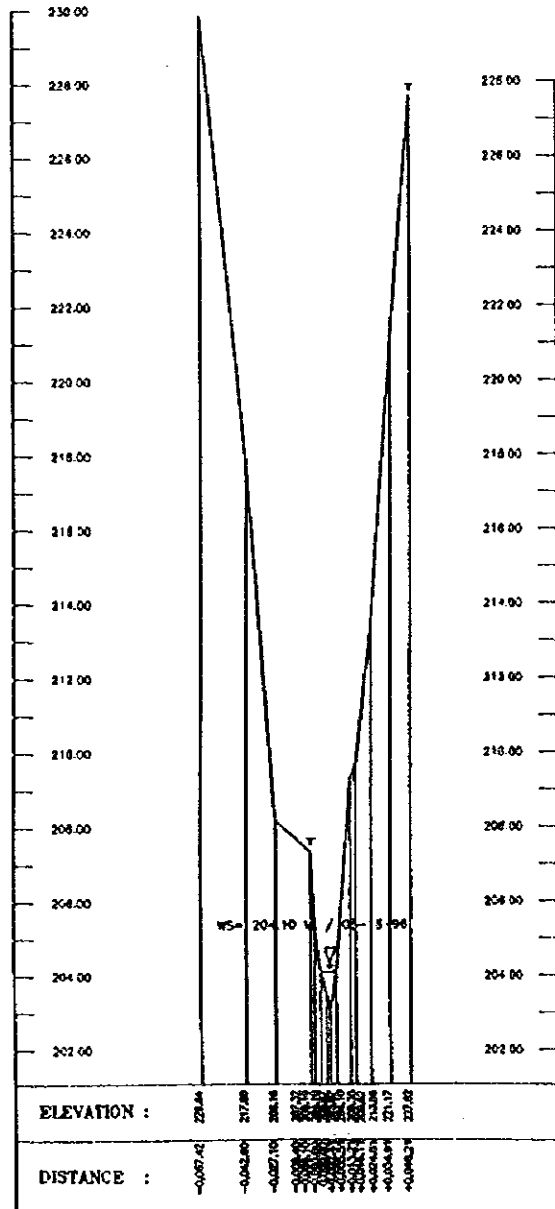
KM 14+500 LINE-29



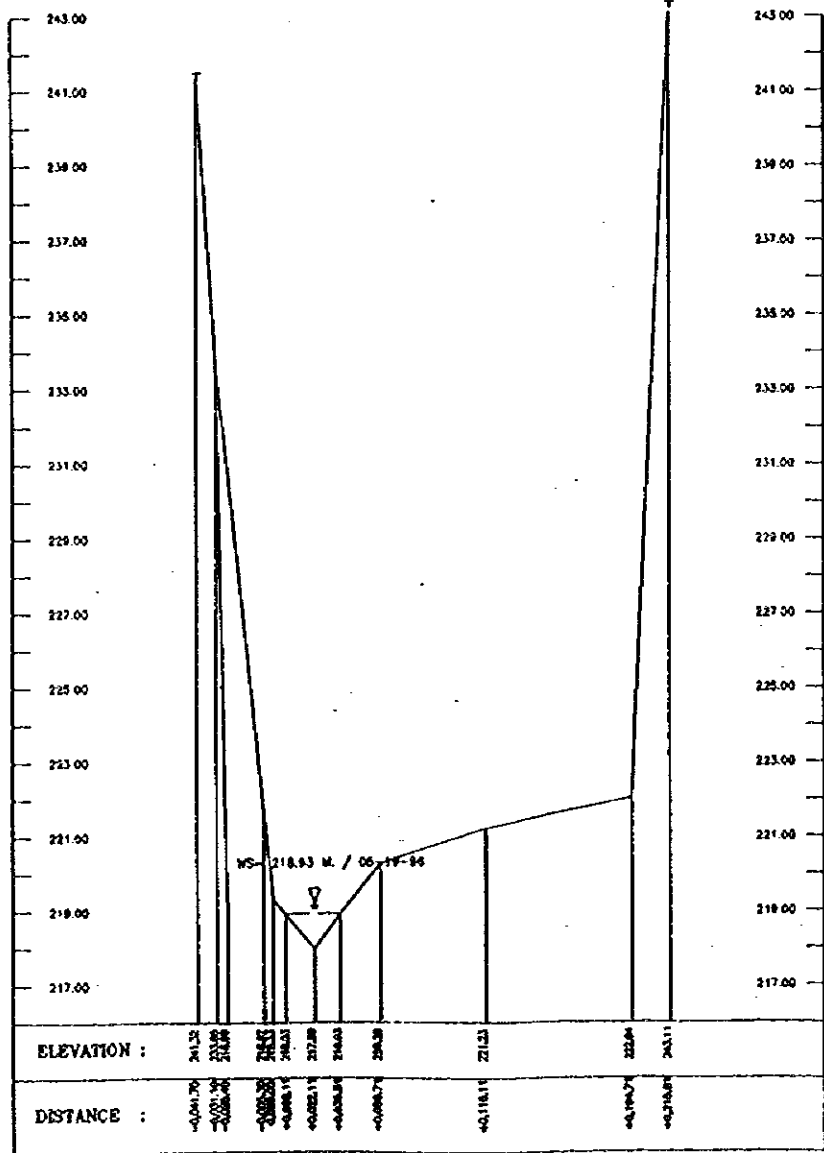
KM 15+000 LINE-30



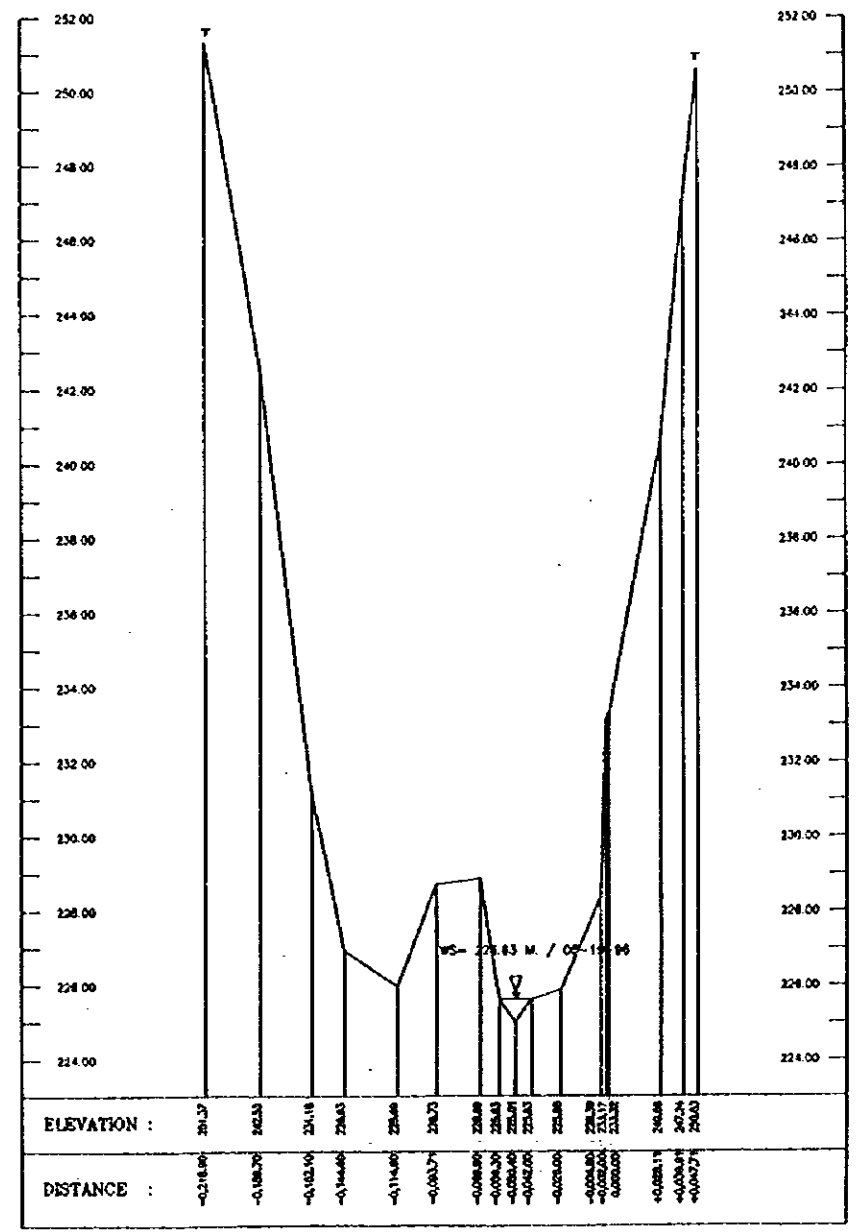
KM 15+500 LINE-31



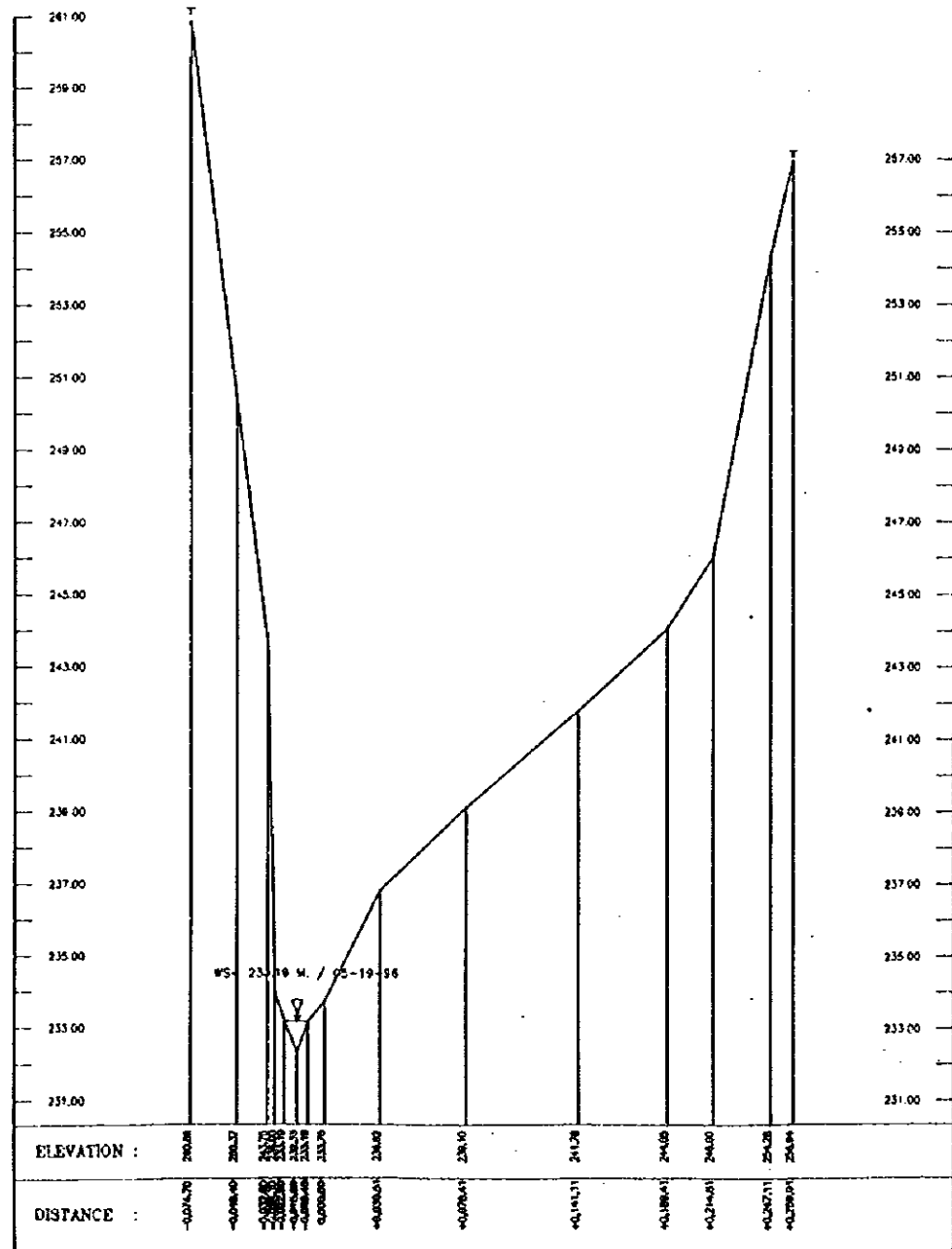
KM 16+000 LINE-32



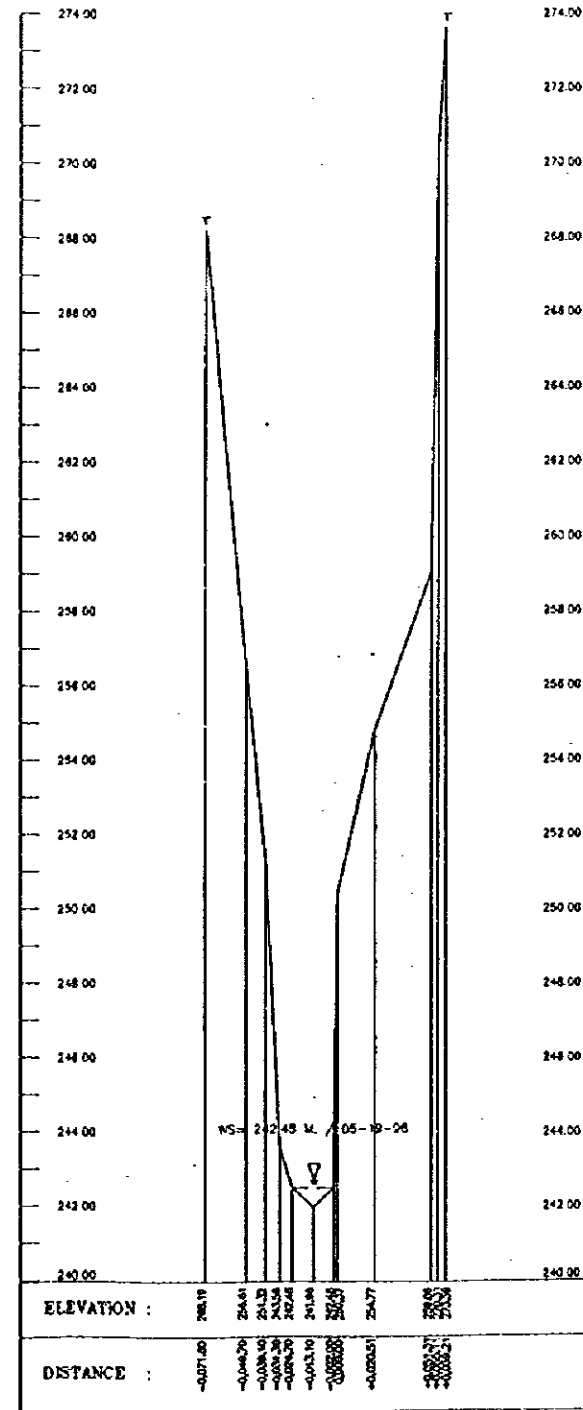
KM 16+500 LINE-33



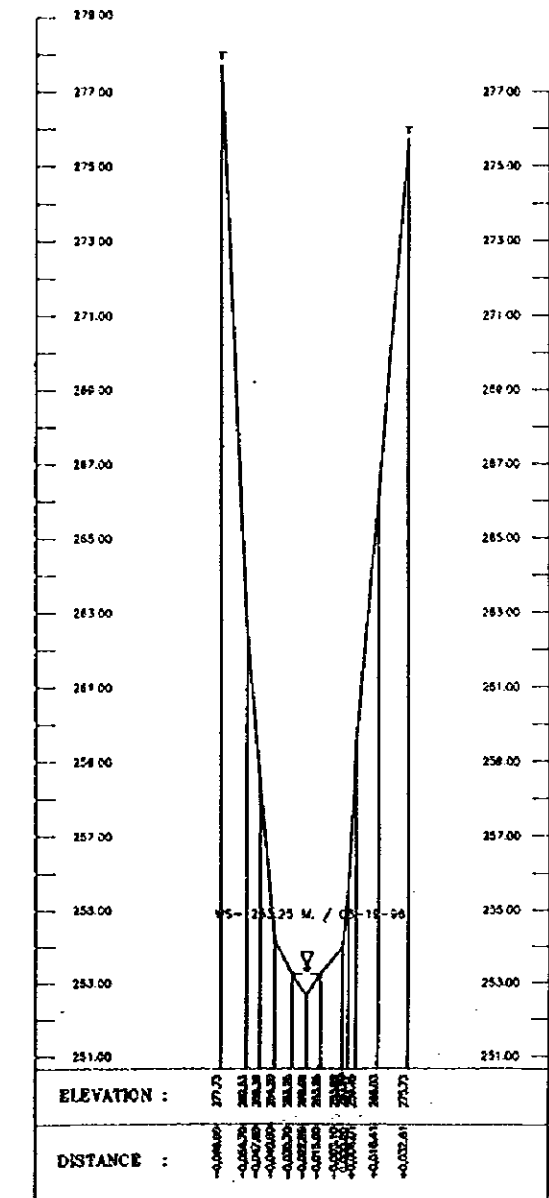
KM 17+000 LINE-34



KM 17+500 LINE-35



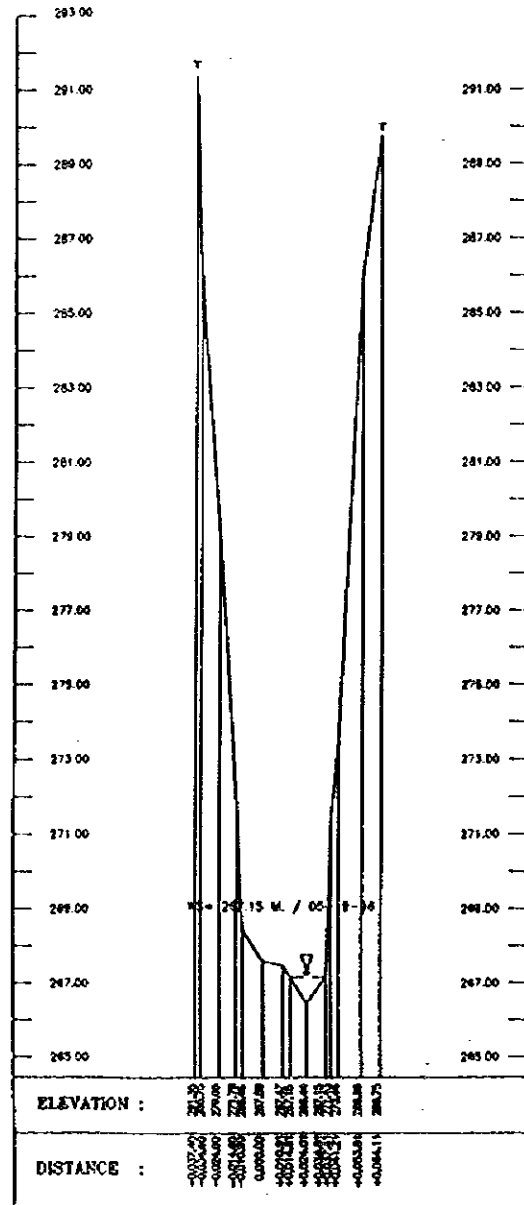
KM 18+000 LINE-36



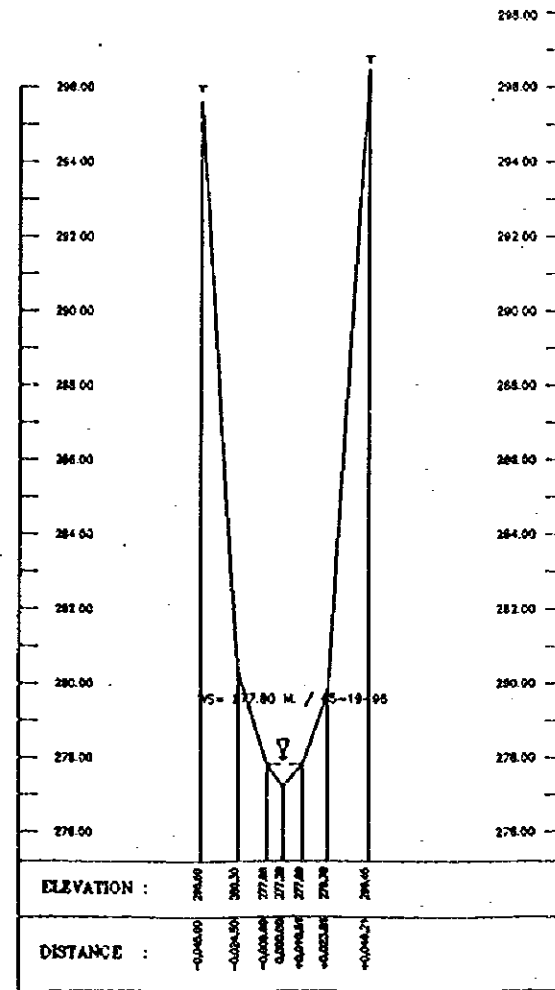
THE STUDY ON SABO AND FLOOD CONTROL
IN THE LAOAG RIVER BASIN
JAPAN INTERNATIONAL COOPERATION AGENCY

CROSS-SECTION		SITE (LOCATION) :	
APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
		SCALE :	CROSS-SECTION NO.
		H = 1 : 4000	
		V = 1 : 200	

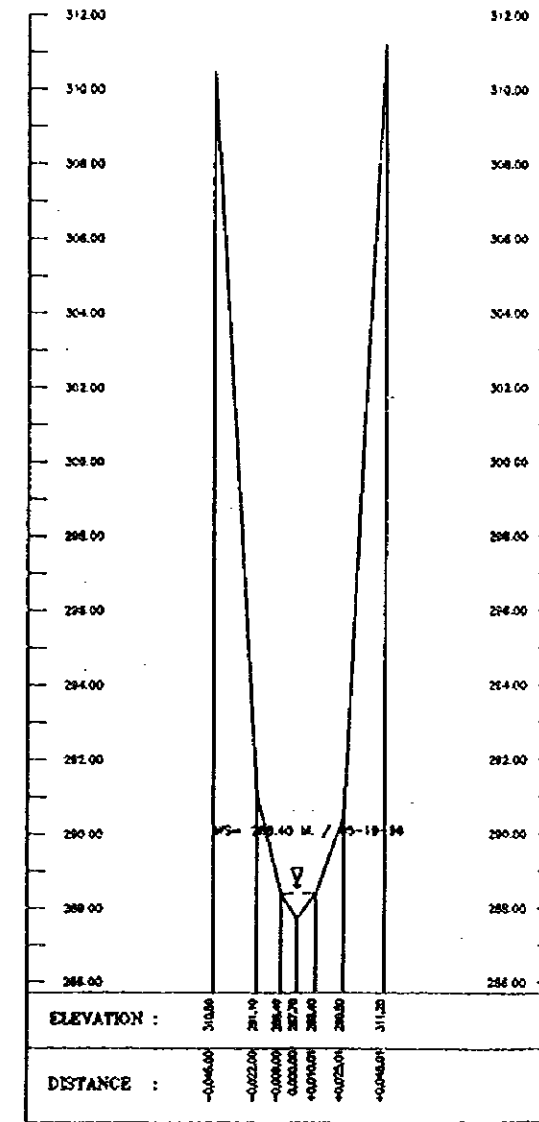
KM 18+500 LINE-37



KM 19+000 LINE-38

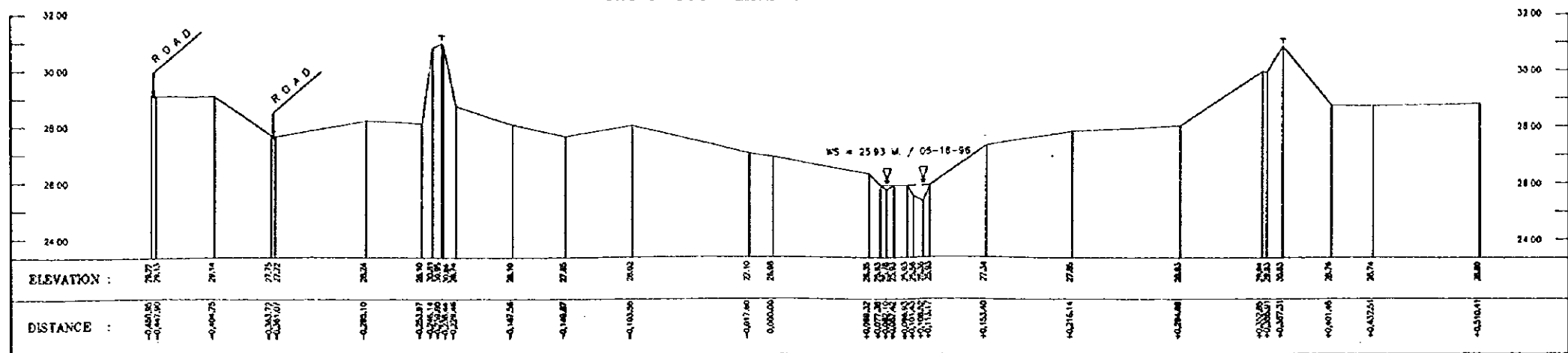


KM 19+500 LINE-39

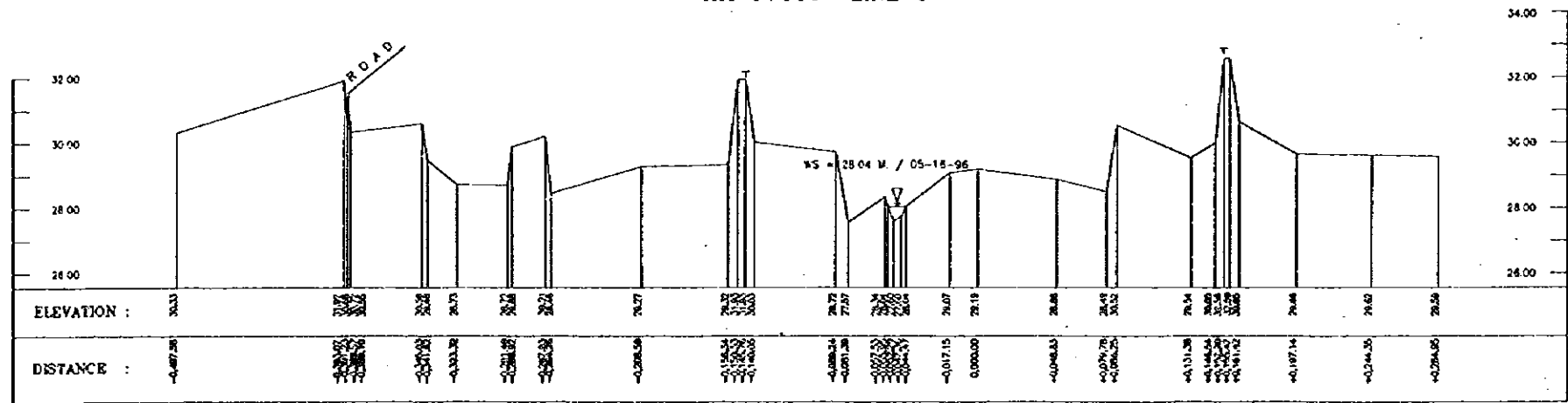


<p>THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY</p>	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	SOLSONA RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 2000	
			V = 1 : 100	

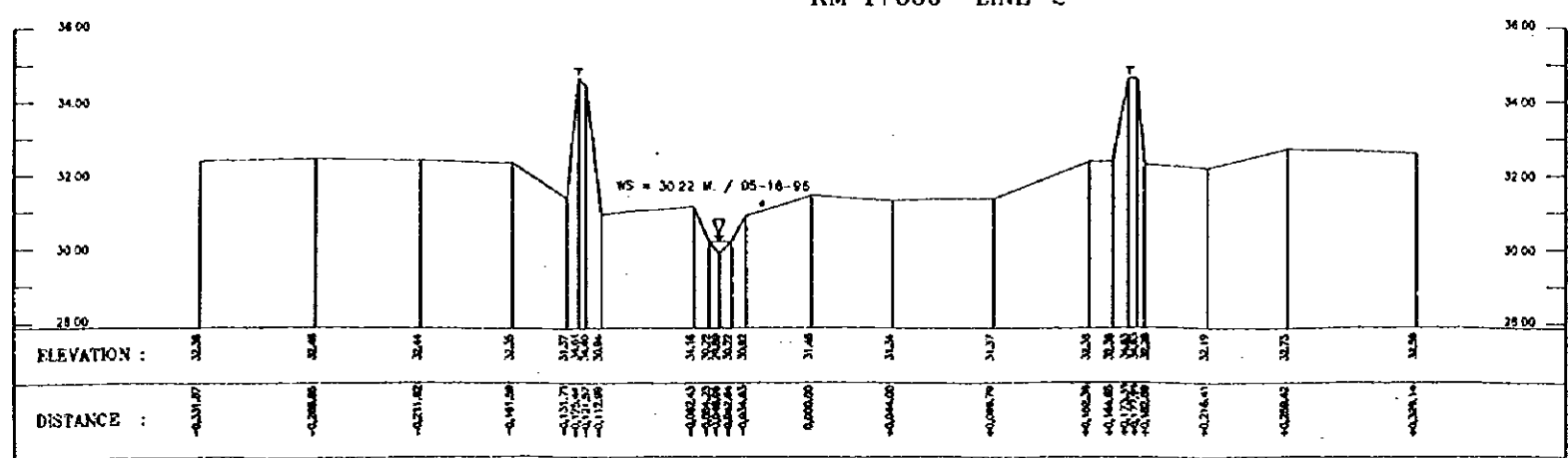
KM 0+000 LINE-0



KM 0+500 LINE-1

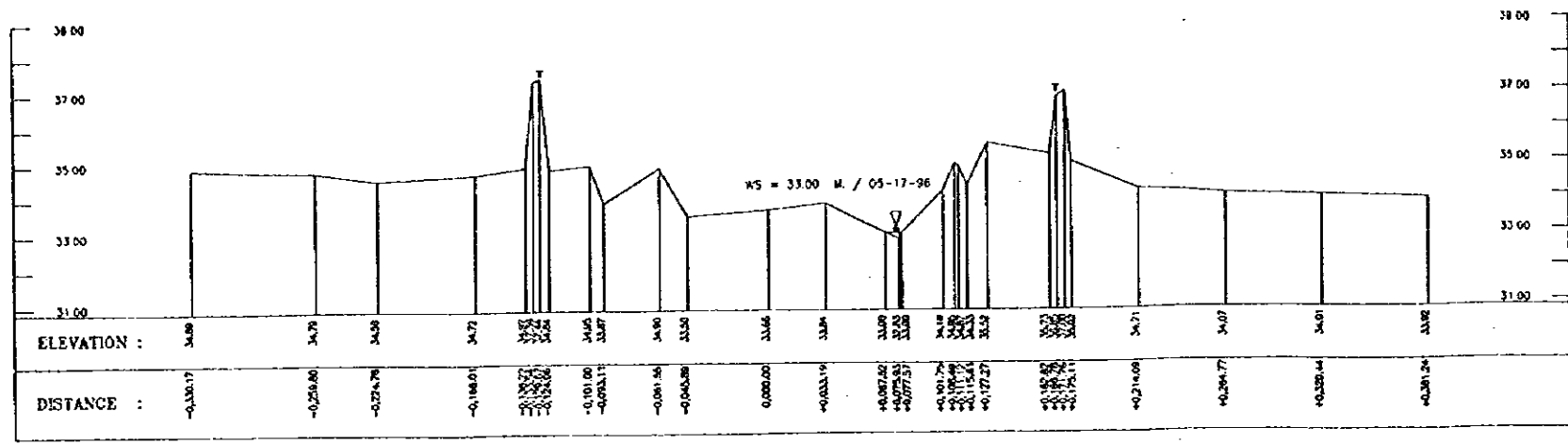


KM 1+000 LINE-2

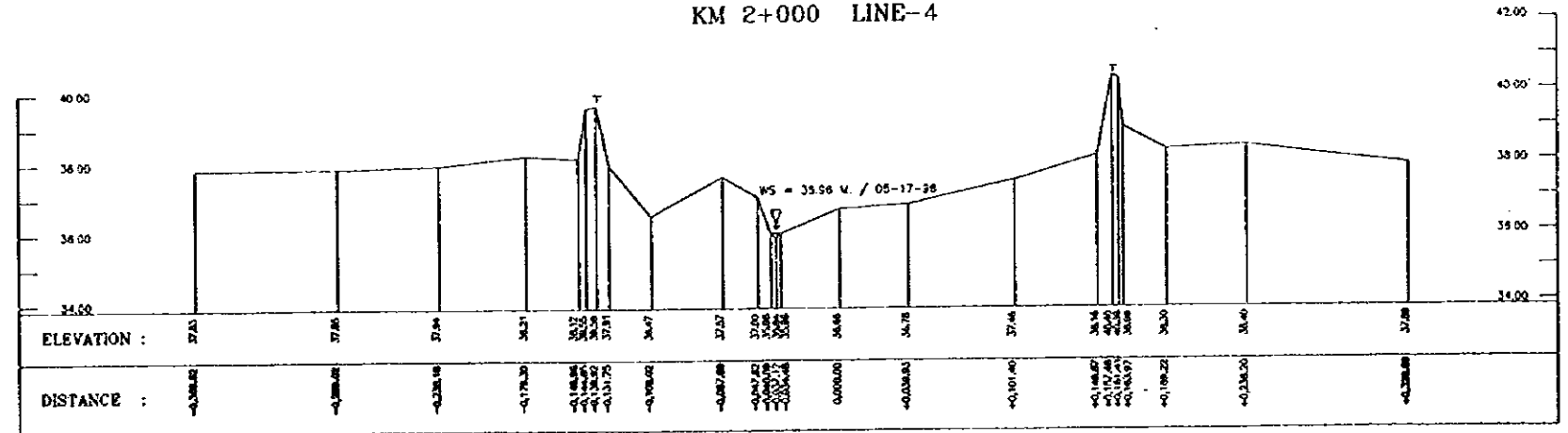


<p>THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY</p>		CROSS-SECTION		SITE (LOCATION) :	
		APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
				SCALE :	CROSS-SECTION NO.
				H = 1 : 4000	
				V = 1 : 200	

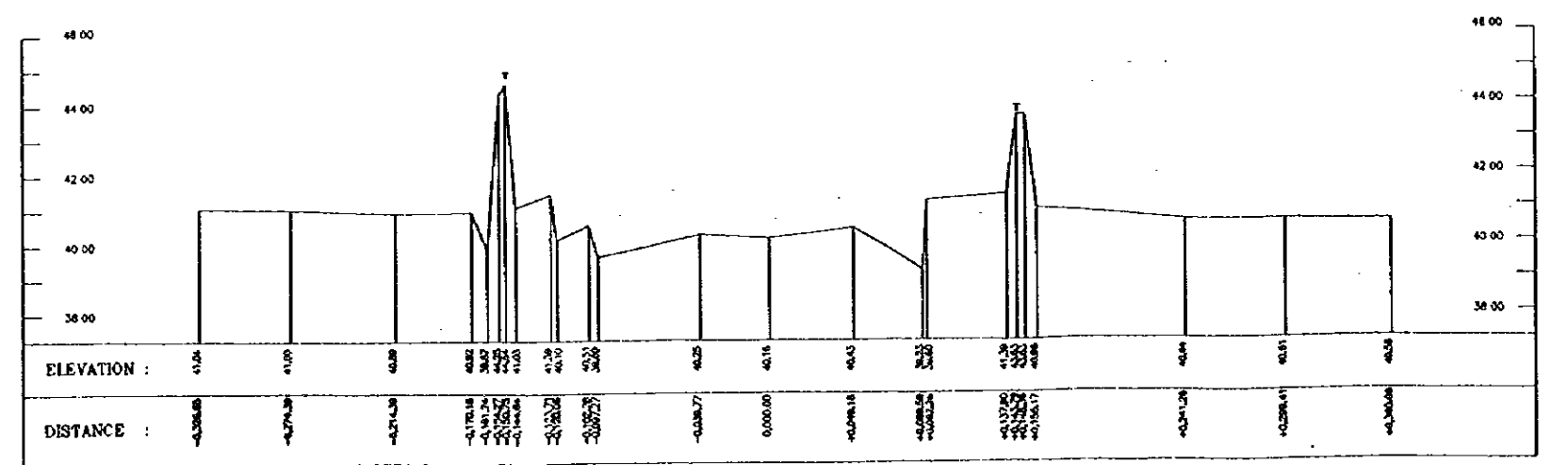
KM 1+500 LINE-3



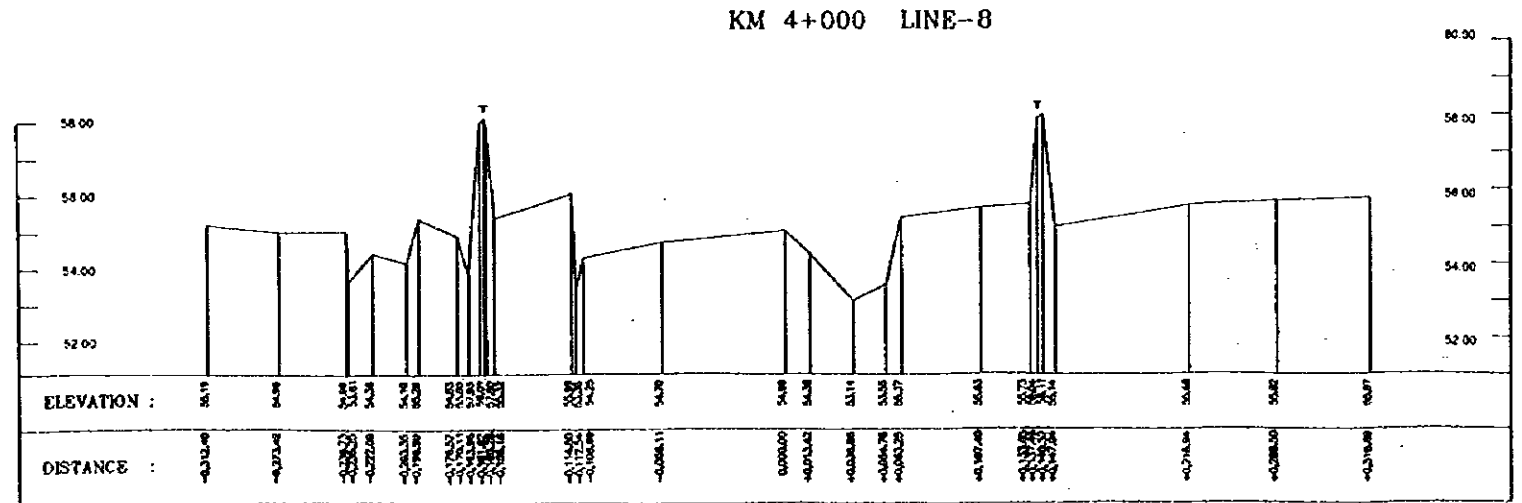
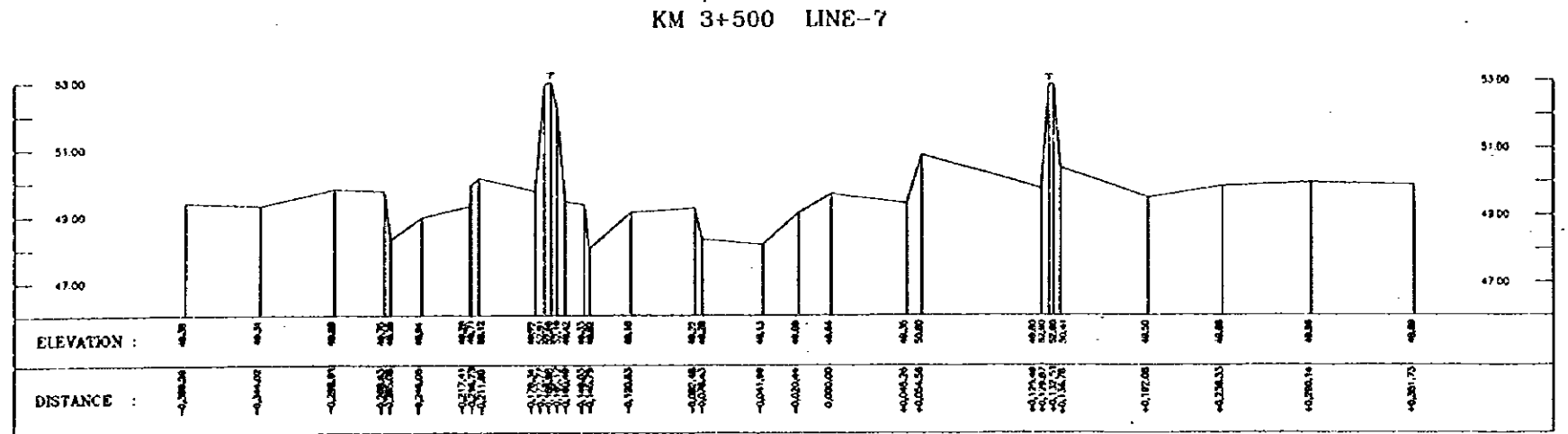
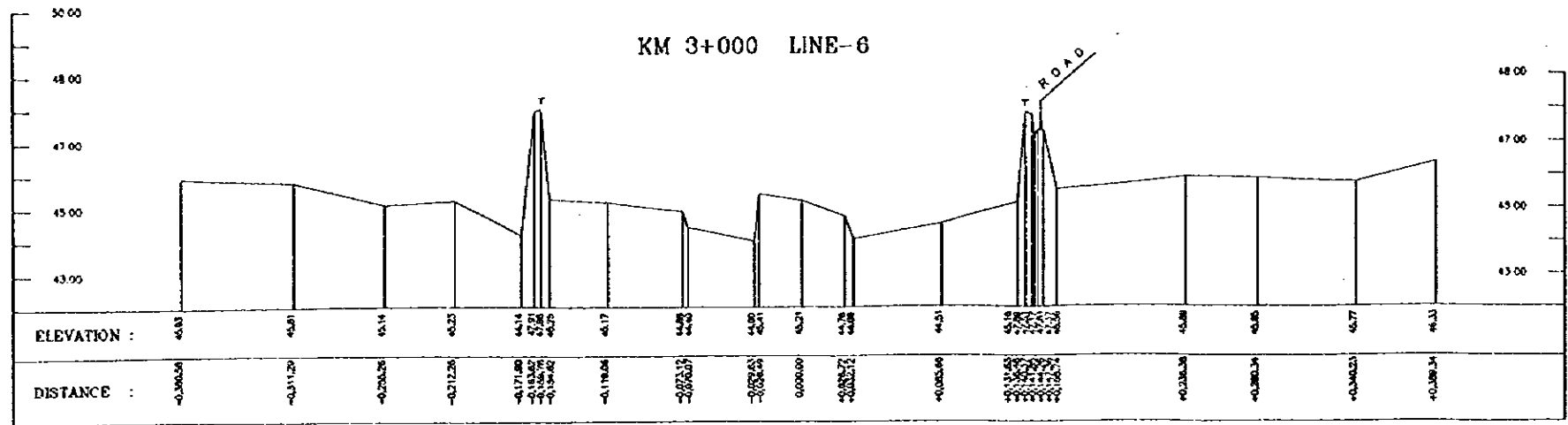
KM 2+000 LINE-4



KM 2+500 LINE-5

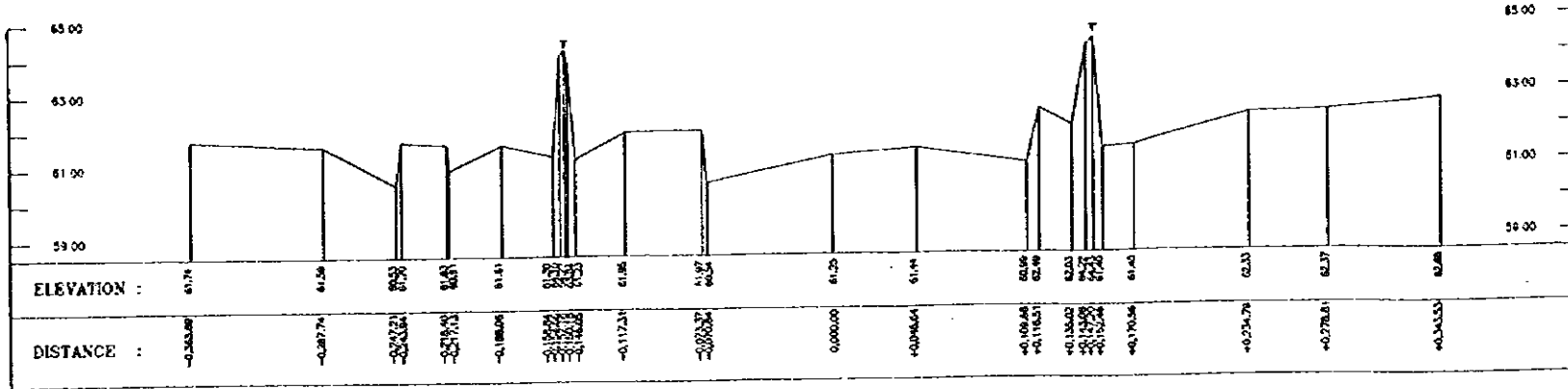


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

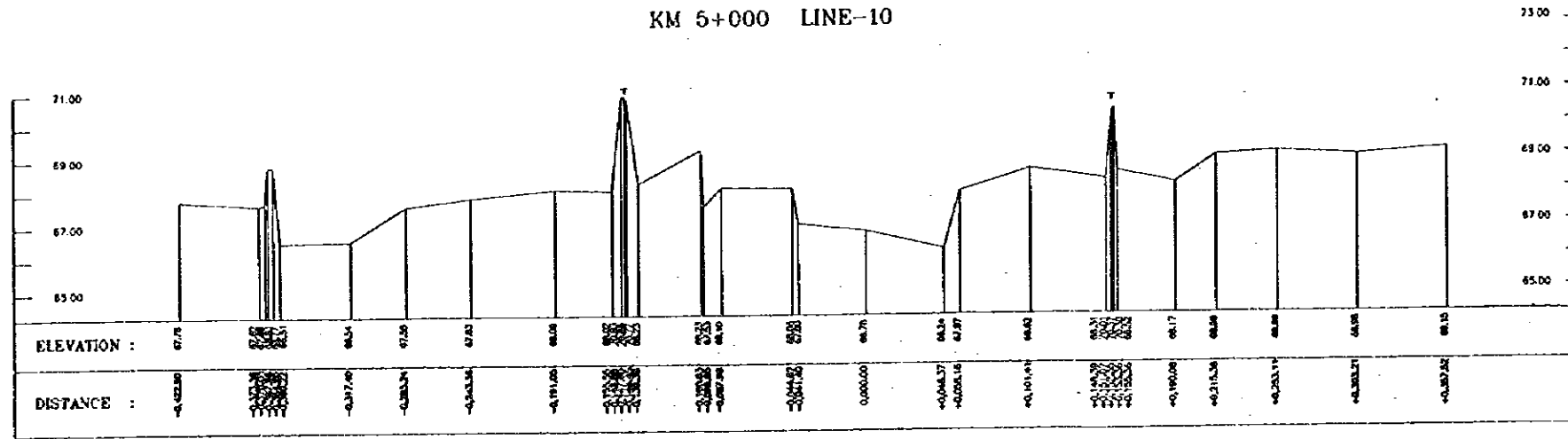


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
			SCALE : H = 1 : 4000 V = 1 : 200	

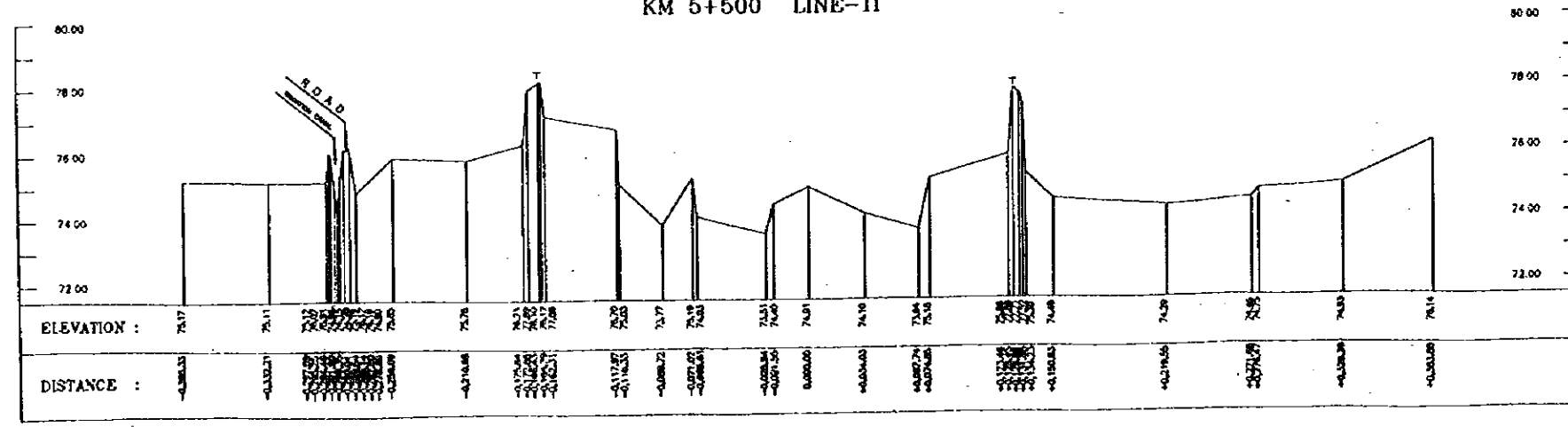
KM 4+500 LINE-9



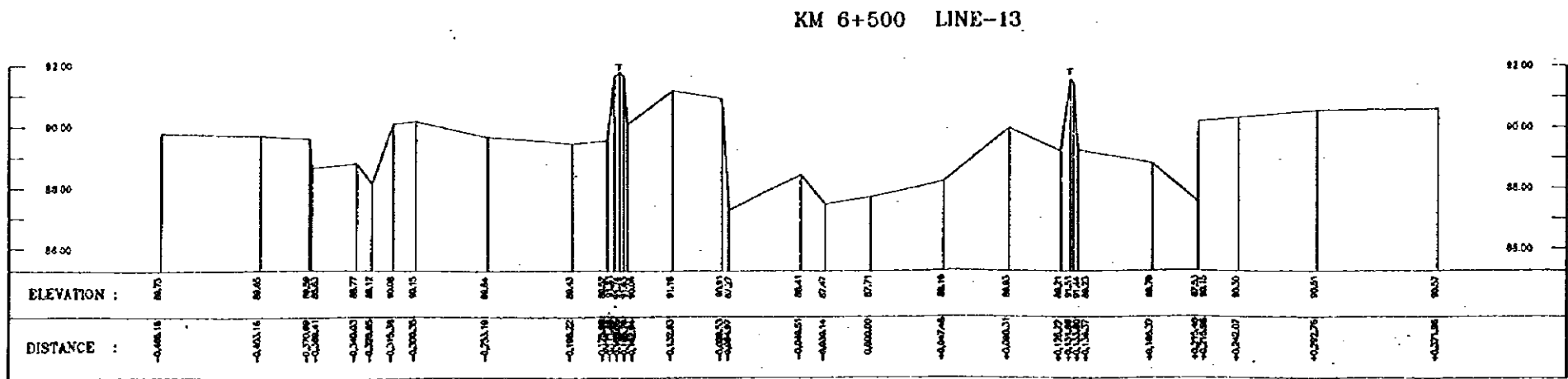
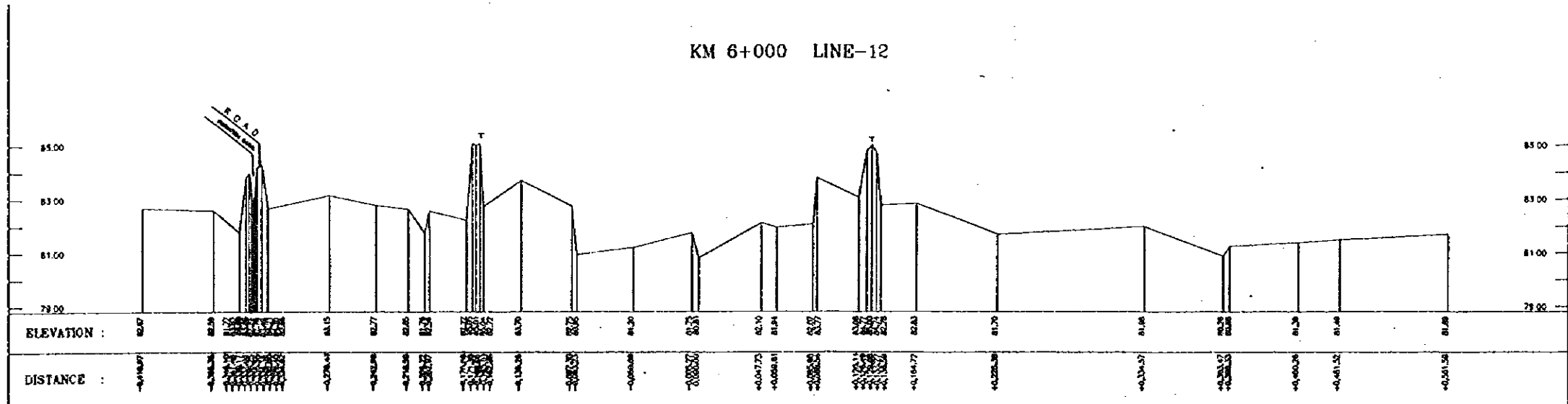
KM 5+000 LINE-10



KM 5+500 LINE-11

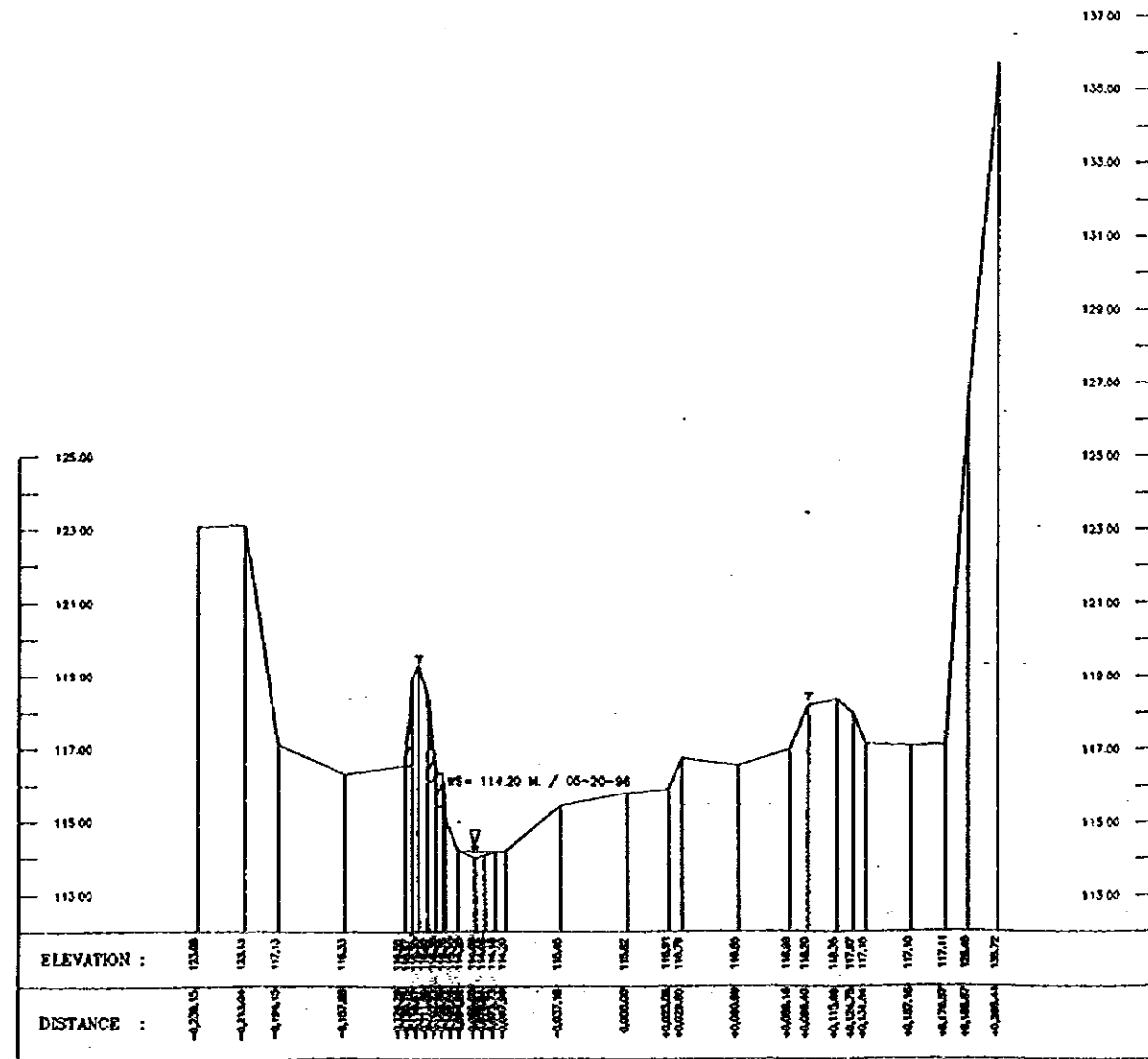


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) : MADONGAN RIVER	
	APPROVED BY :	CHECKED BY :	SCALE :	CROSS-SECTION NO.
			H - 1 : 4000 V - 1 : 200	

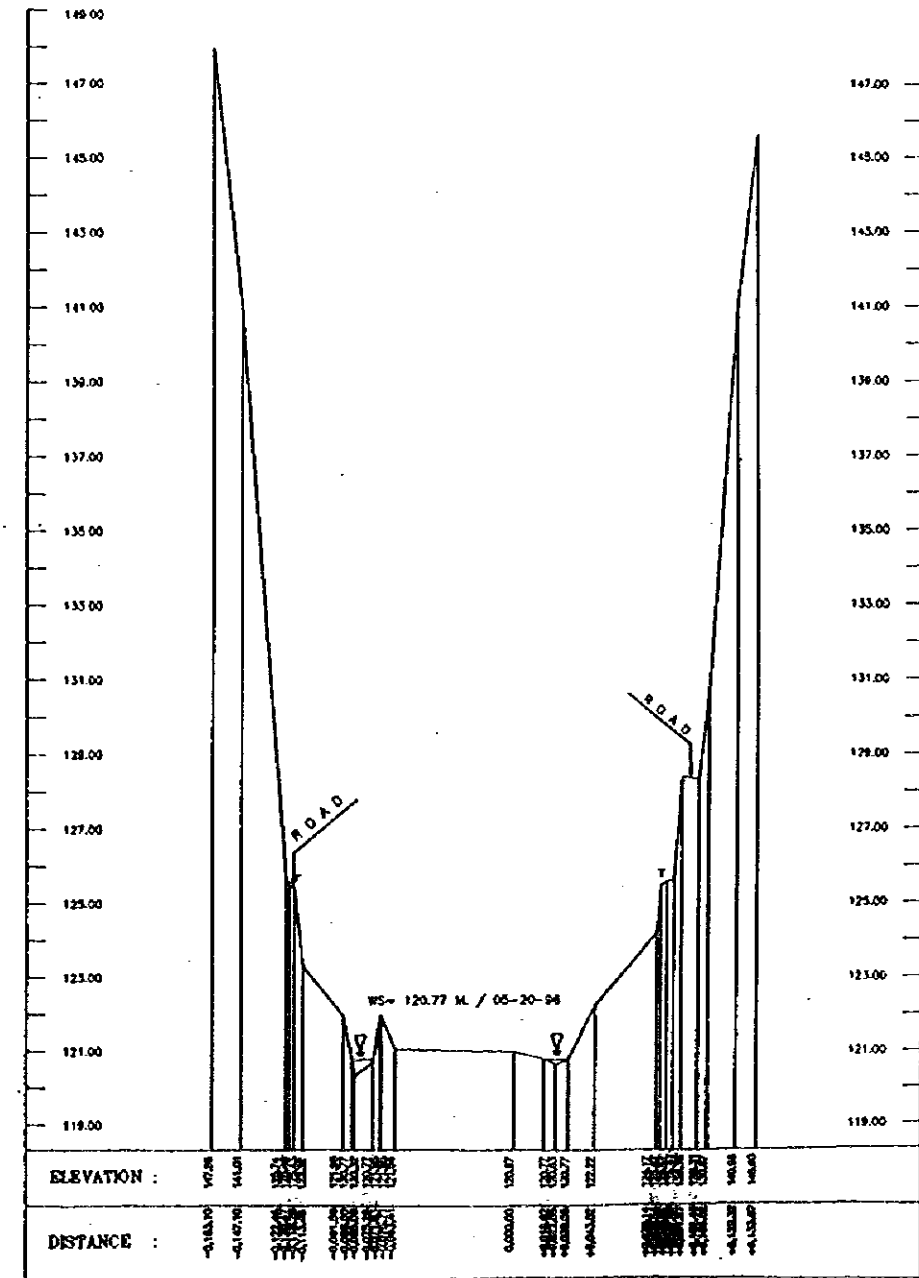


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY		CROSS-SECTION		SITE (LOCATION) :	
		APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
				SCALE :	CROSS-SECTION NO.
				H = 1 : 4000	
				V = 1 : 200	

KM 8+500 LINE-17



KM 9+000 LINE-18

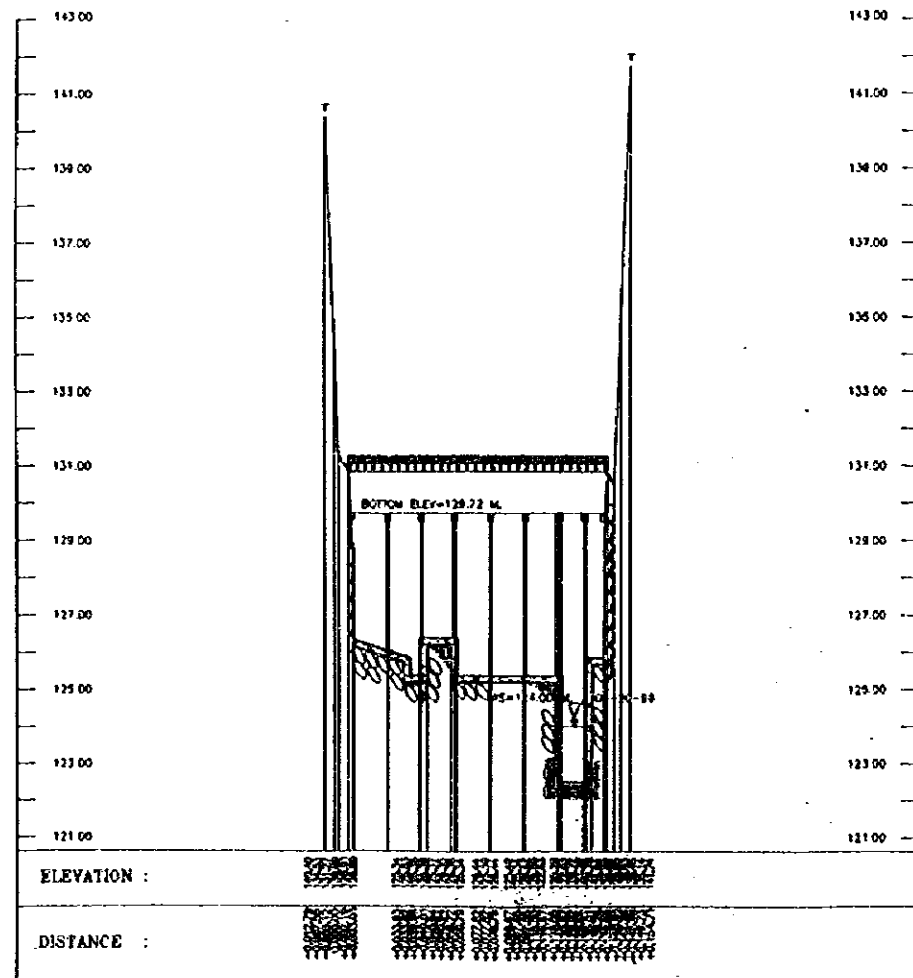


THE STUDY ON SABO AND FLOOD CONTROL
IN THE LAOAG RIVER BASIN
JAPAN INTERNATIONAL COOPERATION AGENCY

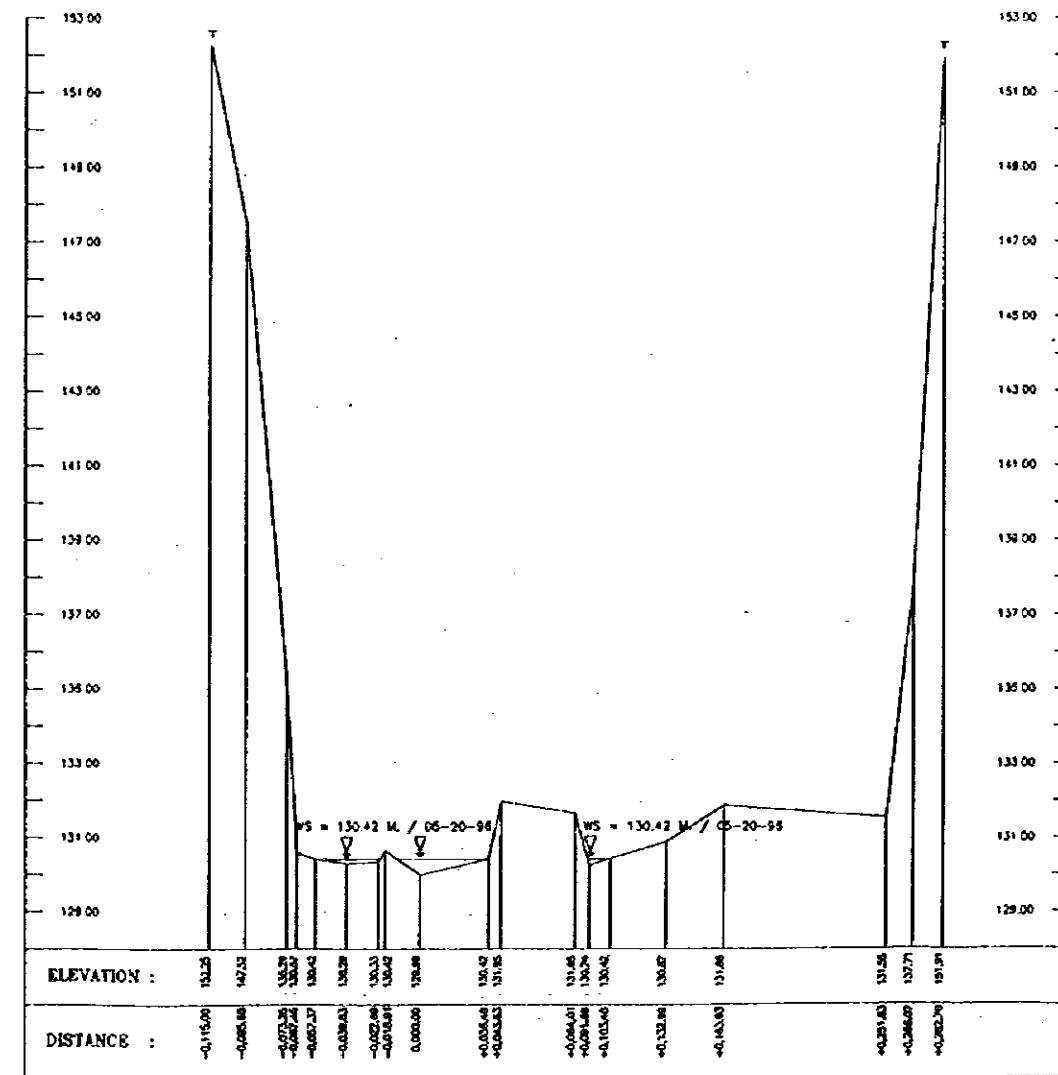
CROSS-SECTION
APPROVED BY :
CHECKED BY :

SITE (LOCATION) :
MADONGAN RIVER
SCALE :
H = 1 : 4000
V = 1 : 200
CROSS-SECTION NO.

KM 9+095 LINE - 18+095 (MADONGAN DIVERSION INTAKE DAM)

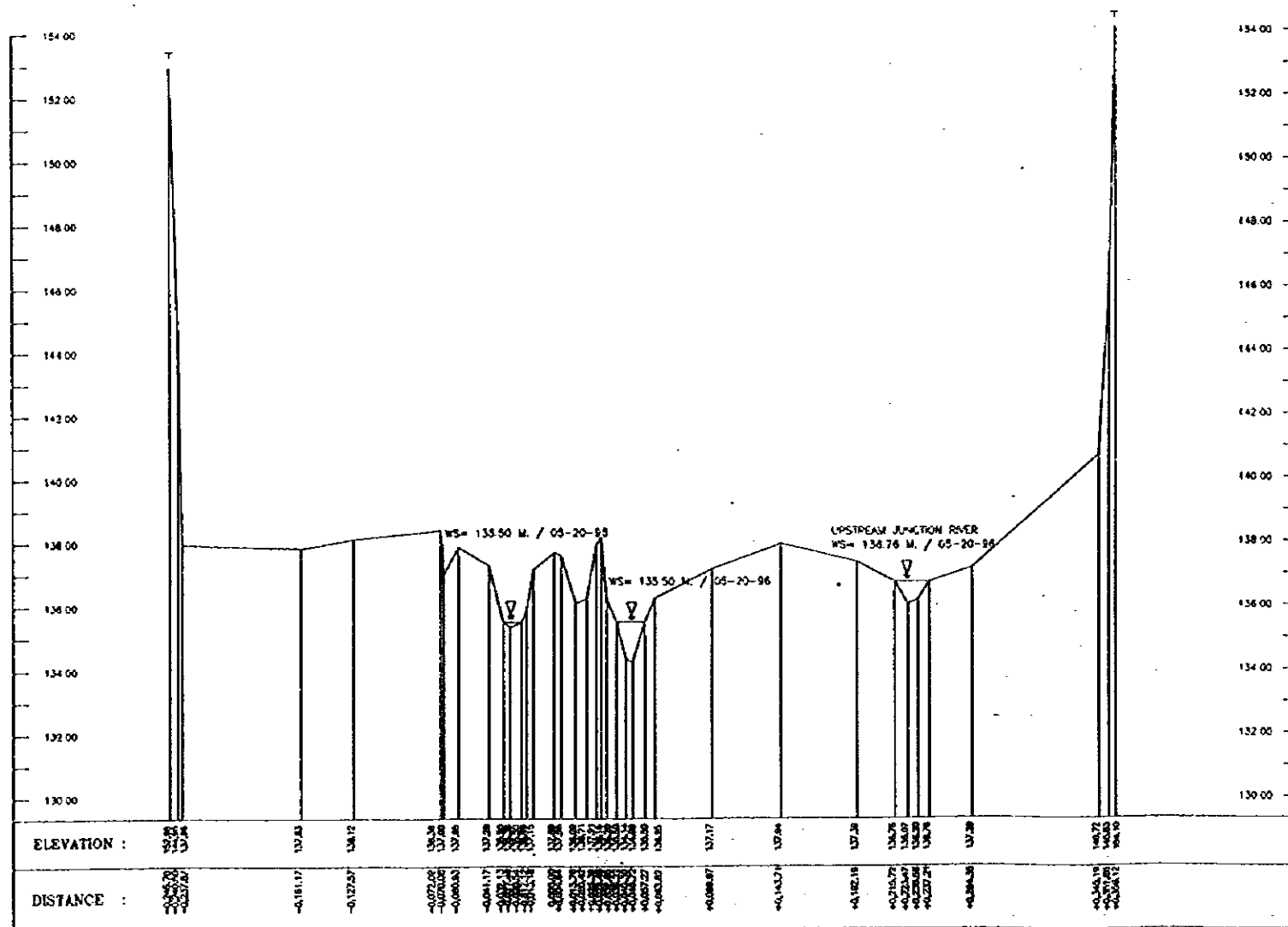


KM 9+500 LINE-19



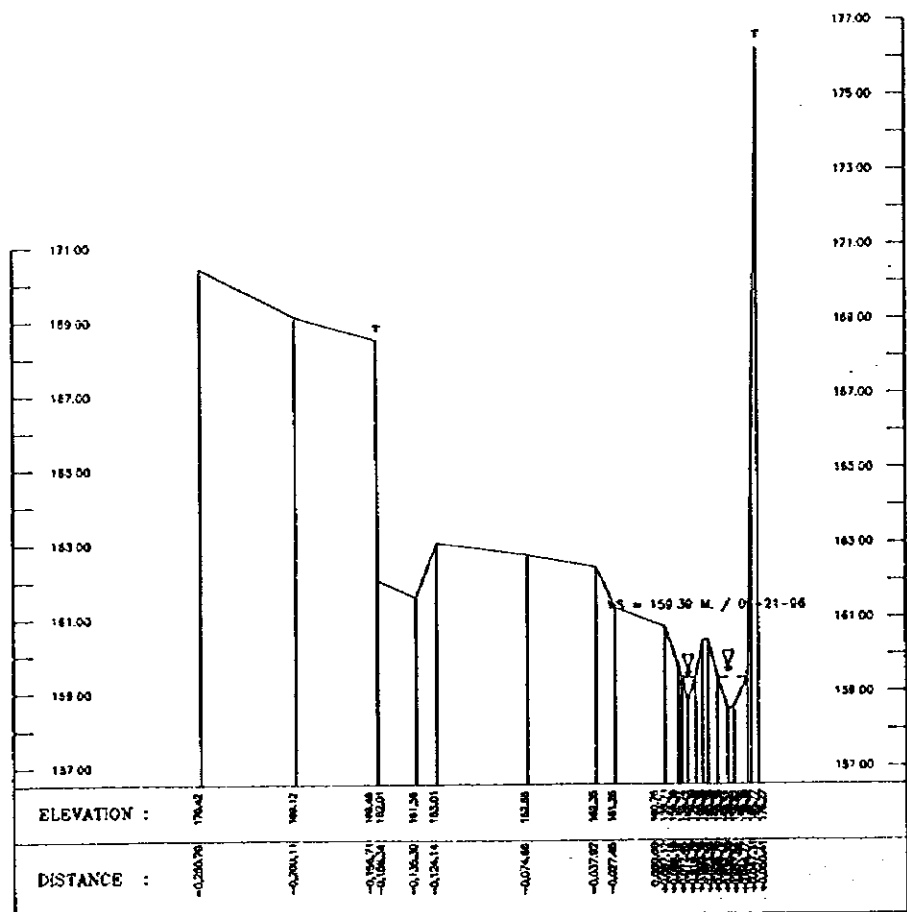
THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

KM 10+000 LINE-20

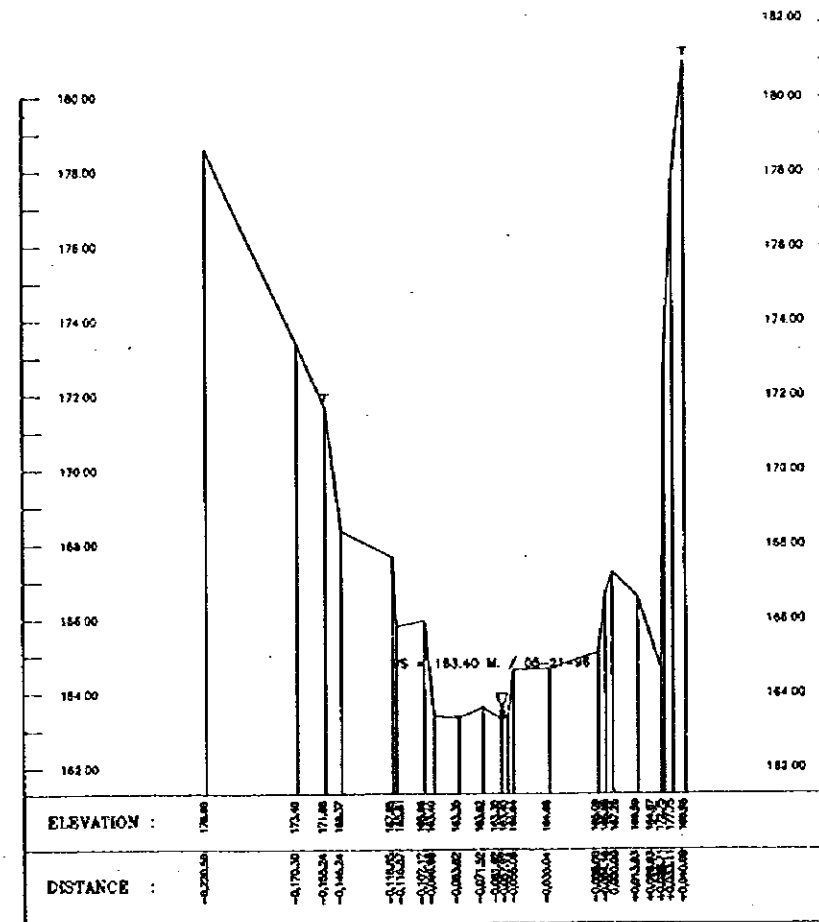


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
		SCALE :		CROSS-SECTION NO.
		H = 1 : 4000		
		V = 1 : 200		

KM 11+500 LINE-23

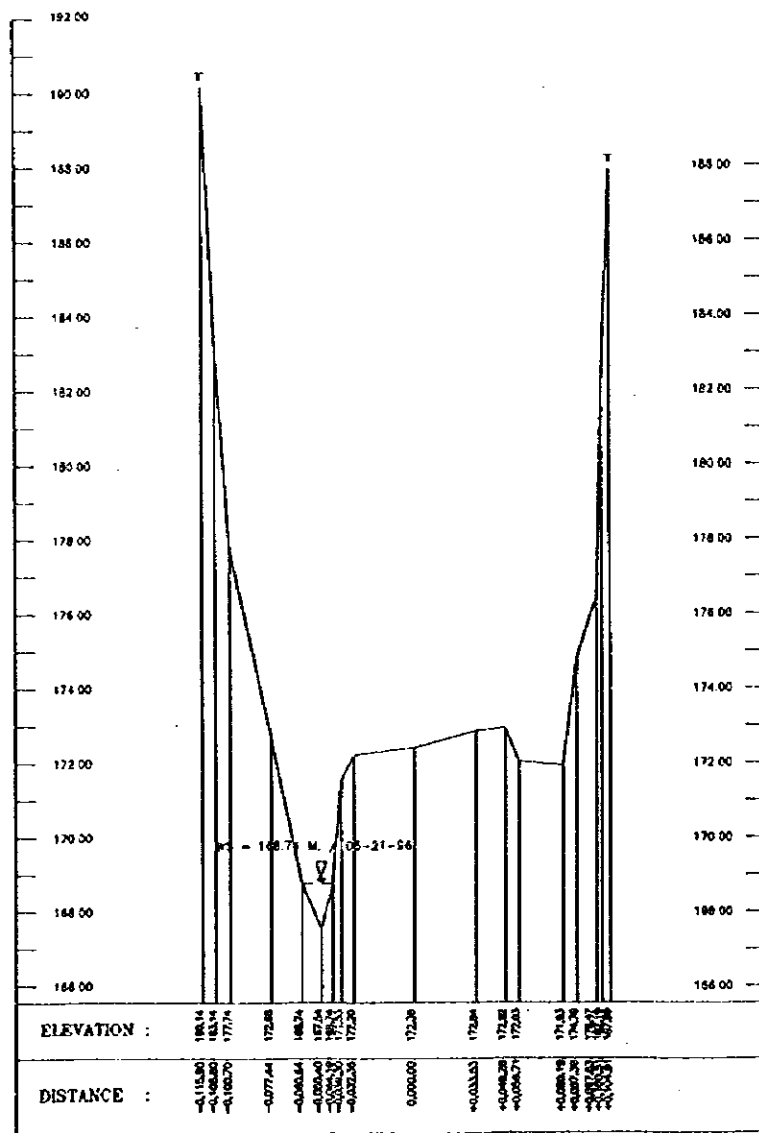


KM 12+000 LINE-24

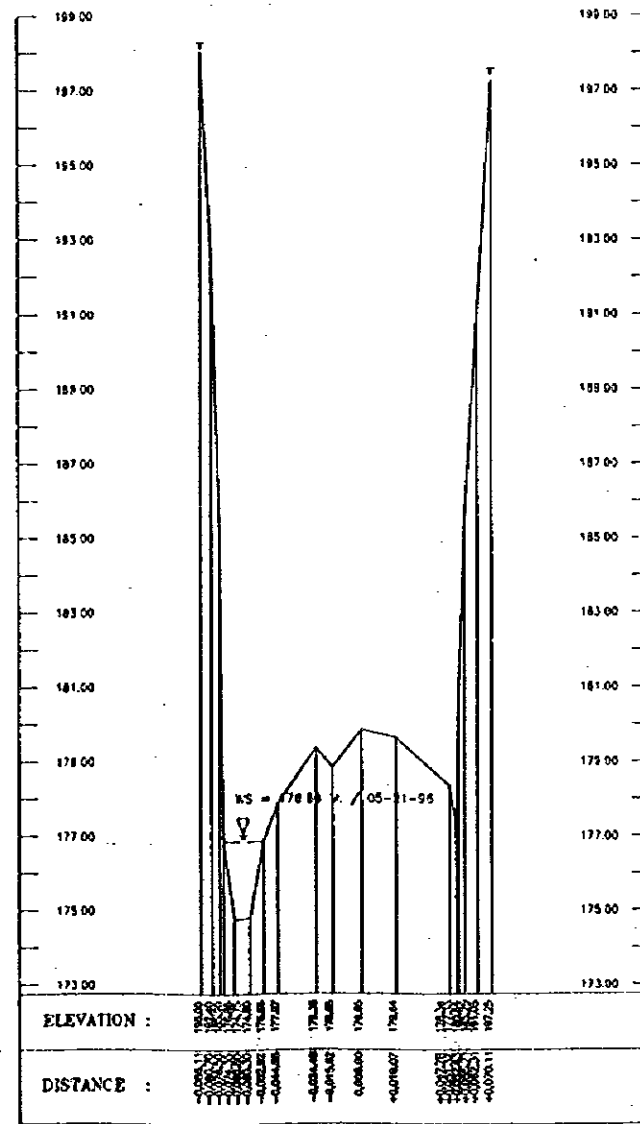


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY		CROSS-SECTION		SITE (LOCATION) :	
				MADONGAN RIVER	
APPROVED BY :		CHECKED BY :		SCALE :	
				H = 1 : 4000	
				V = 1 : 200	
				CROSS-SECTION NO	

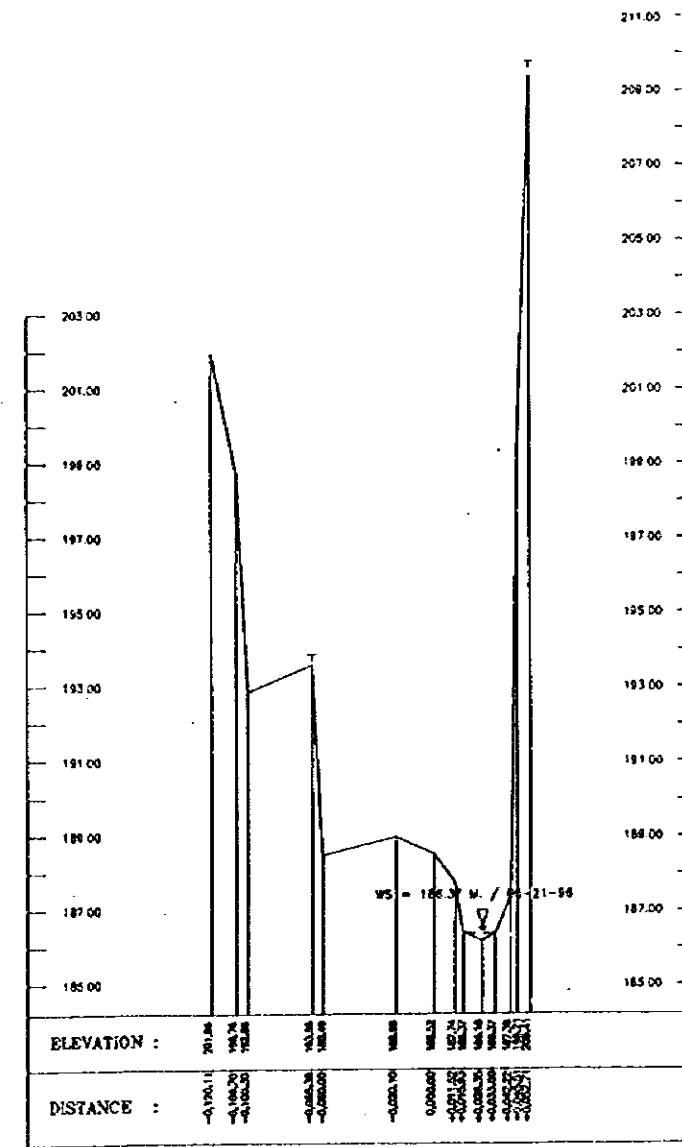
KM 12+500 LINE-25



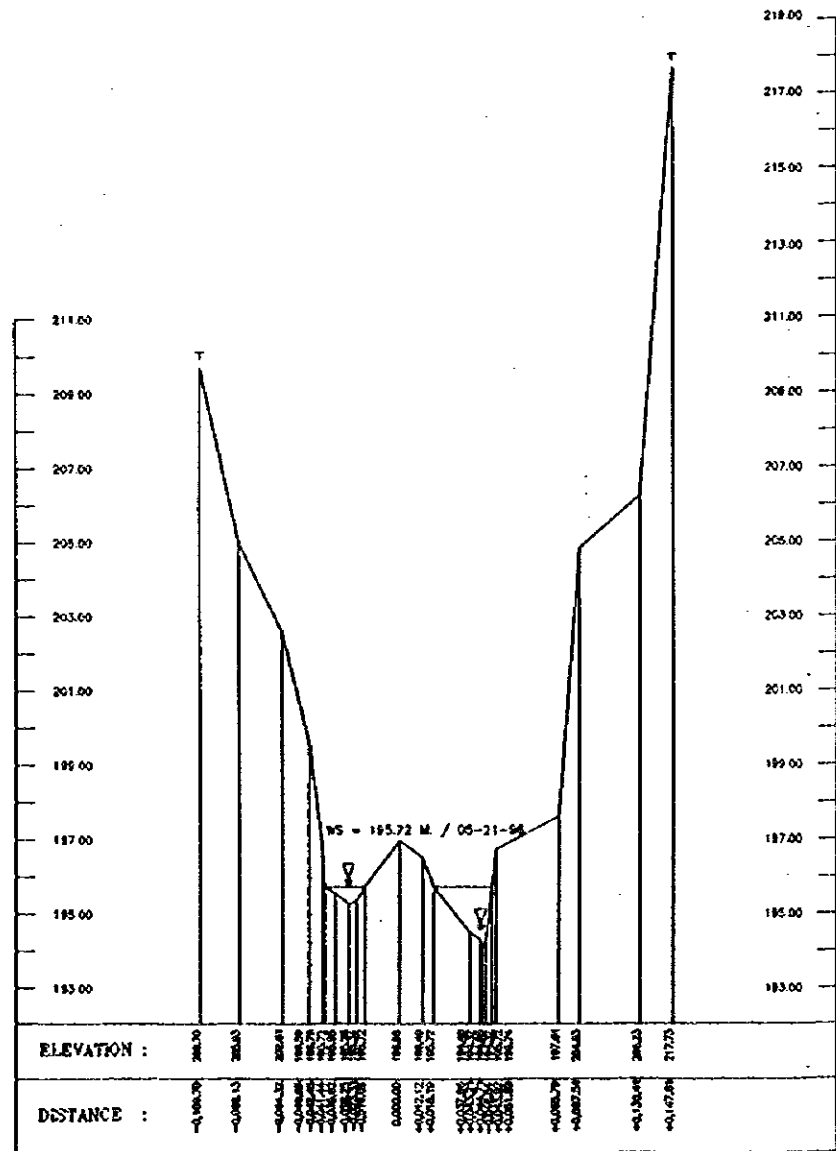
KM 13+000 LINE-26



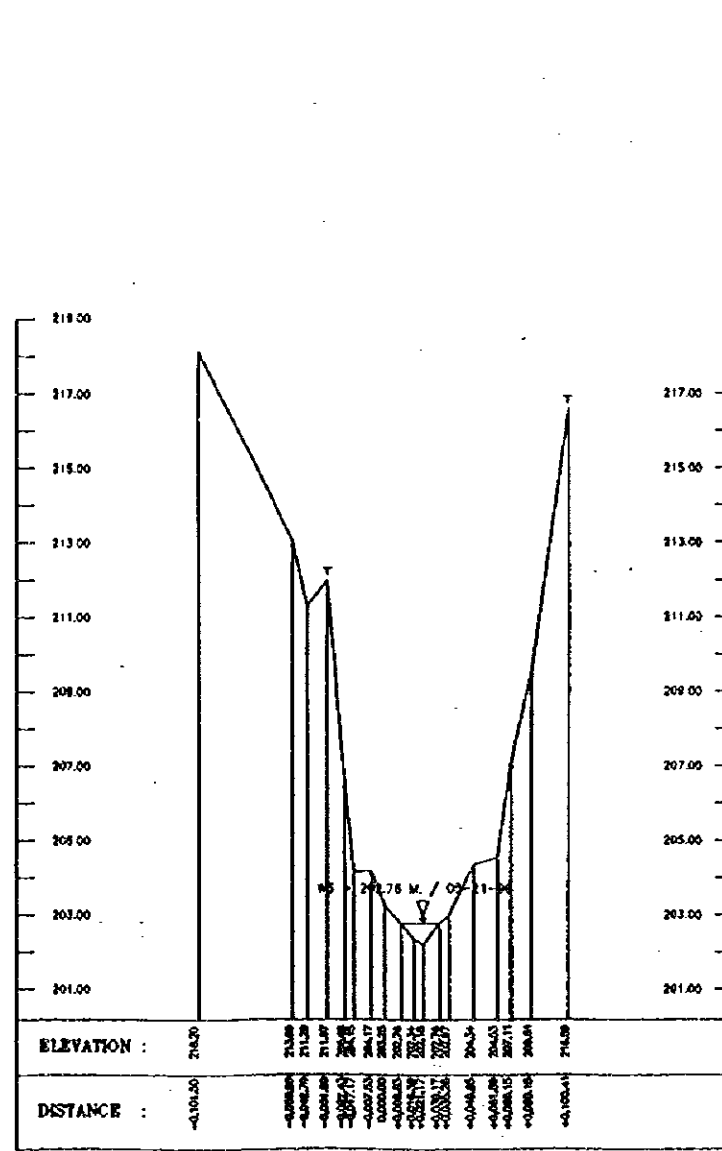
KM 13+500 LINE-27



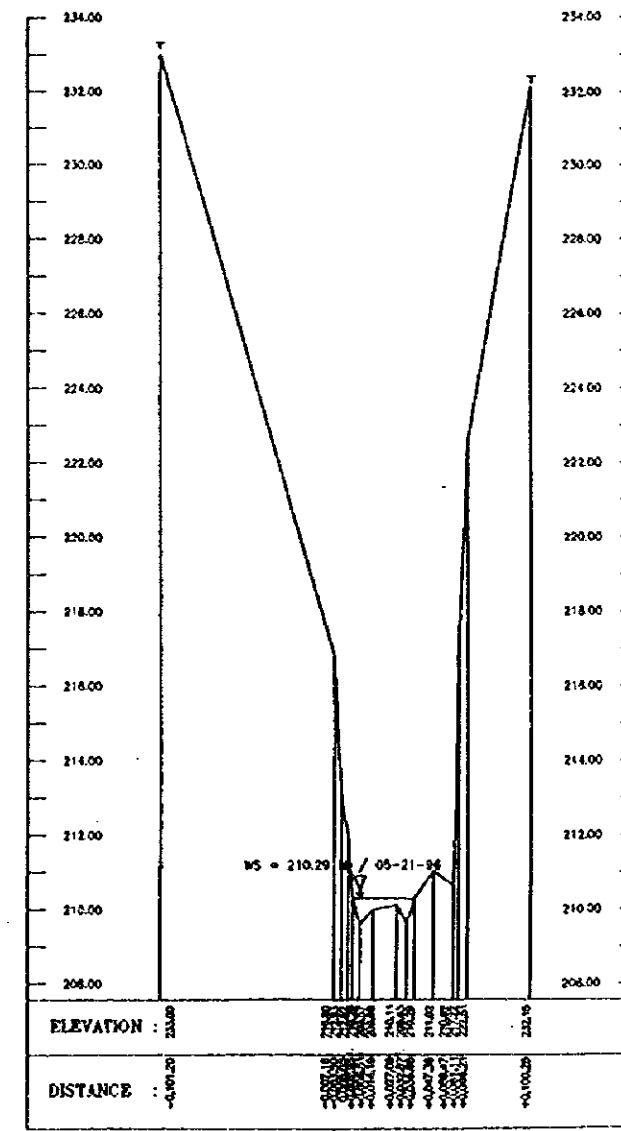
KM 14+000 LINE-28



KM 14+500 LINE-29

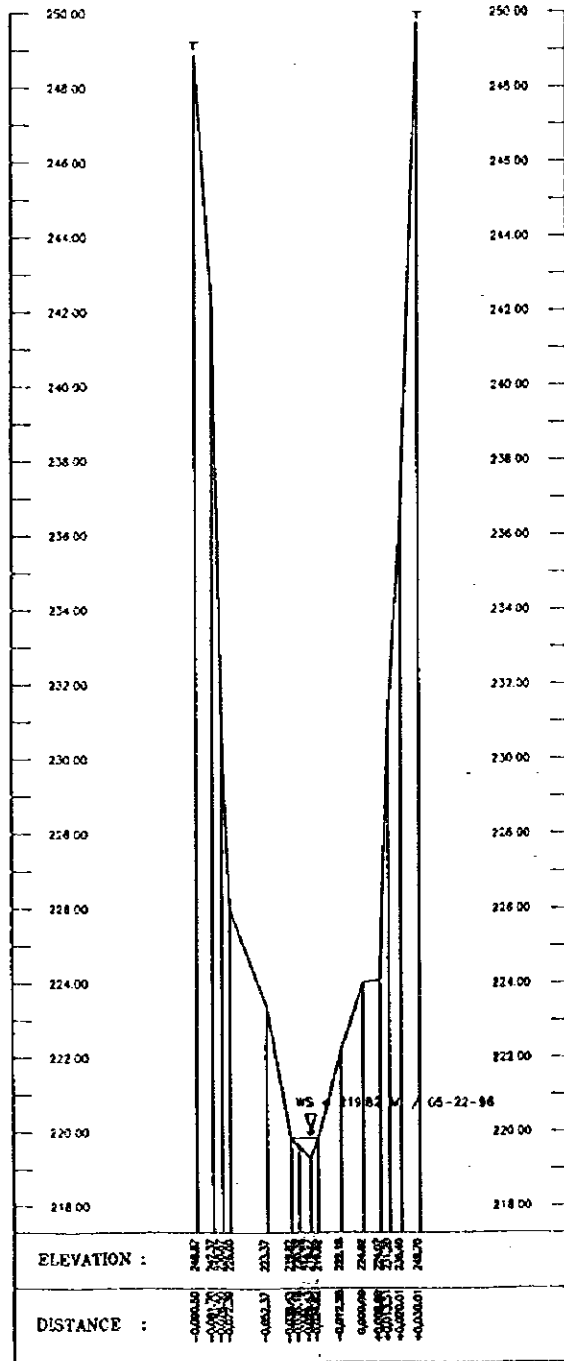


KM 15+000 LINE-30

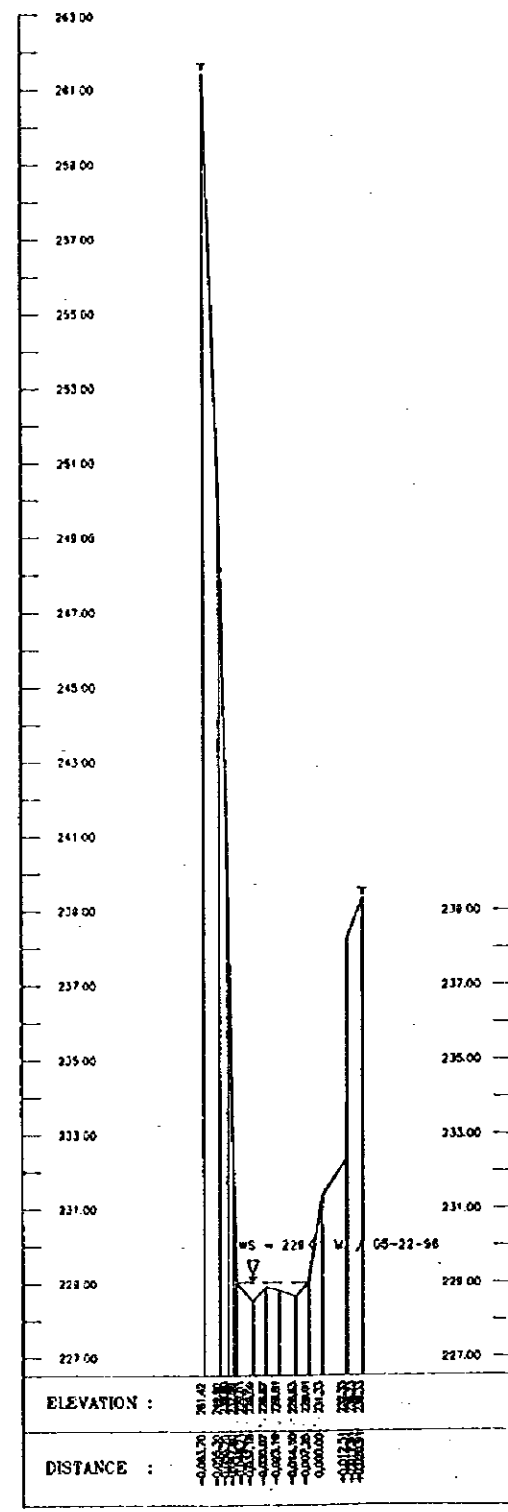


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
		SCALE :	CROSS-SECTION NO.	
		H = 1 : 4000		
		V = 1 : 200		

KM 15+500 LINE-31

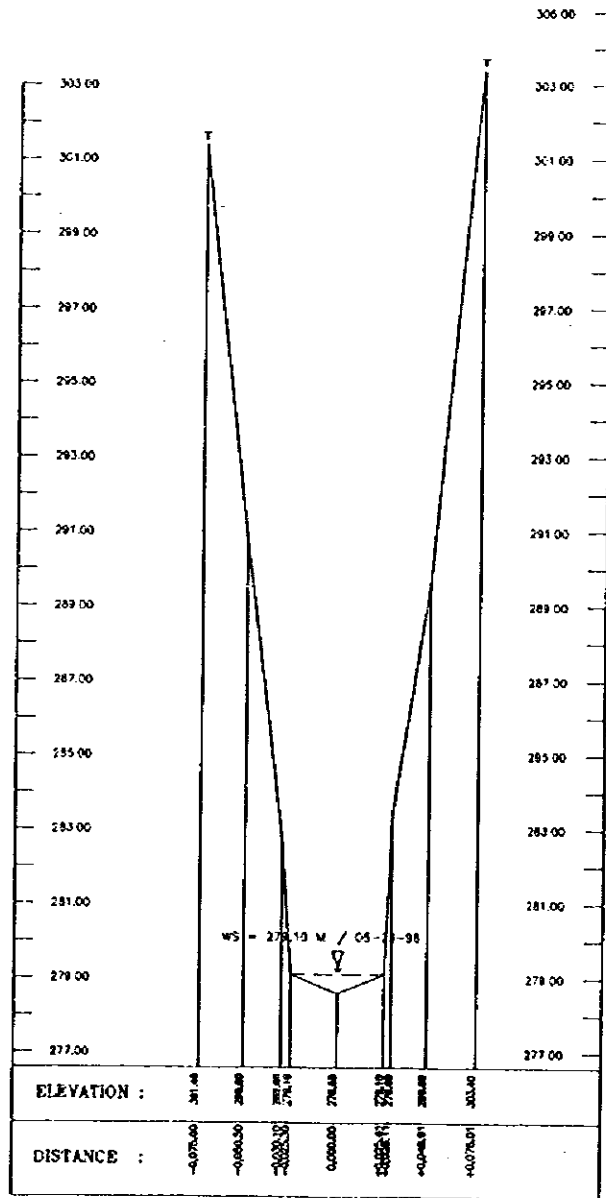


KM 16+000 LINE-32

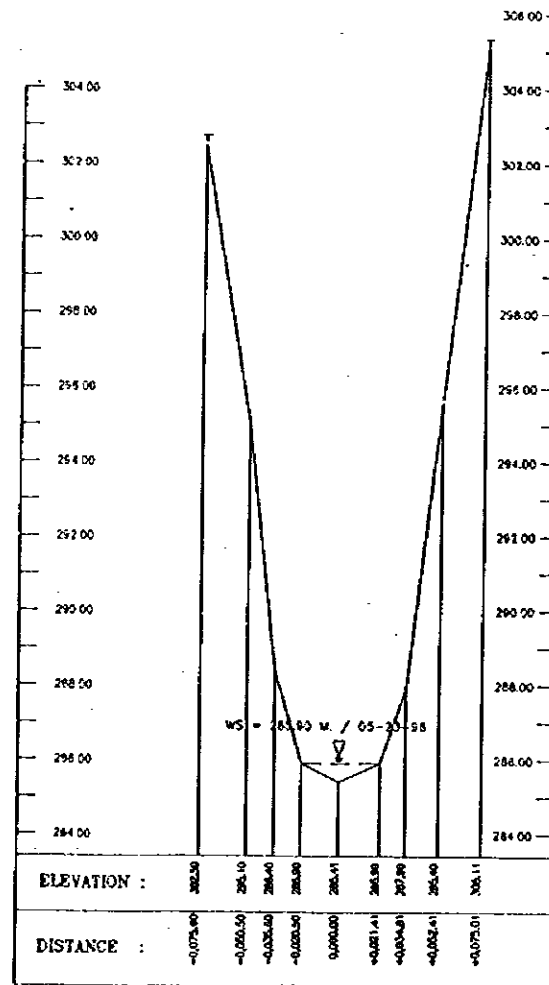


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000 V = 1 : 200	

KM 16+500 LINE-33

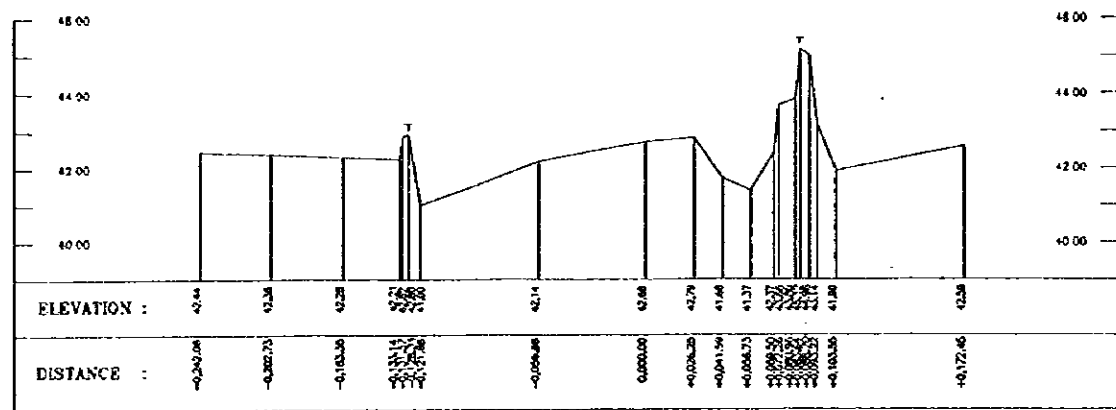


KM 17+000 LINE-34

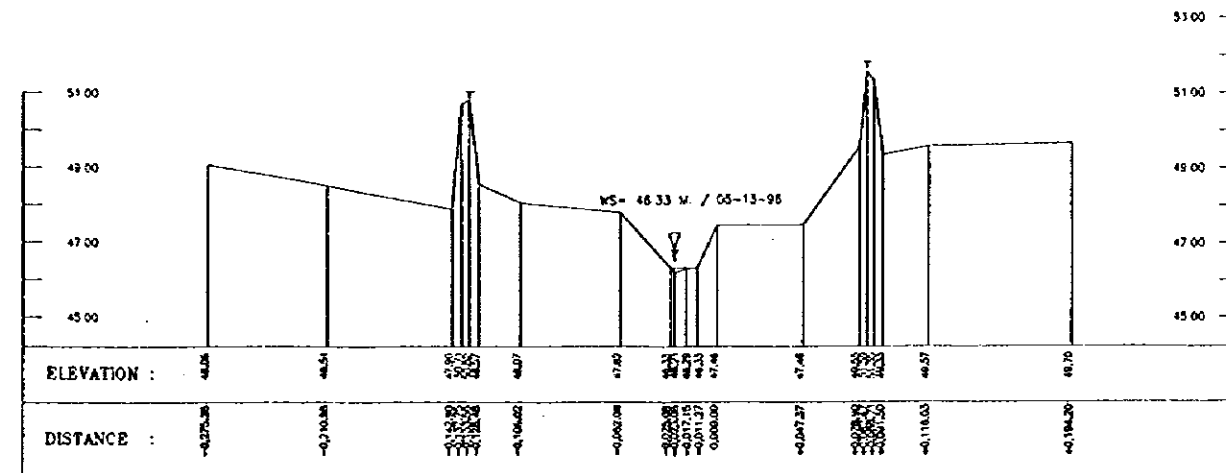


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	MADONGAN RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

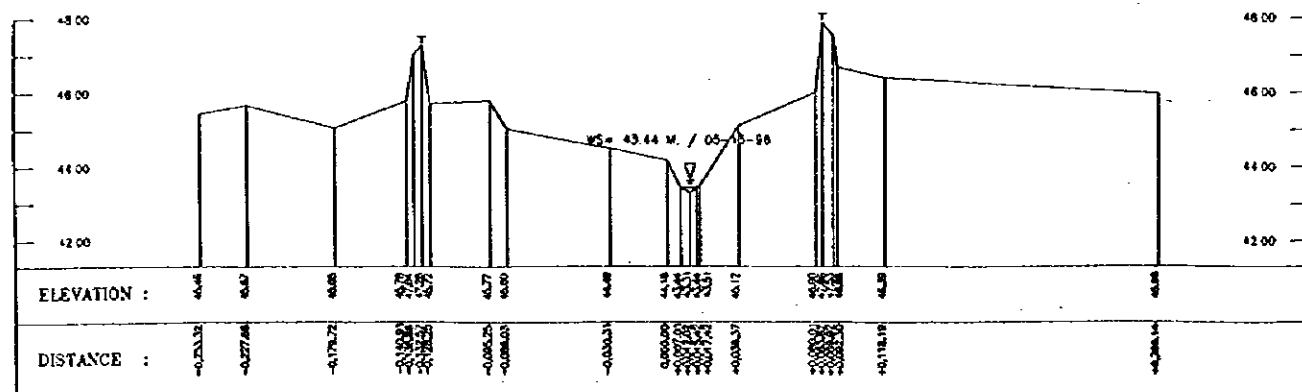
KM 0+000 LINE-0



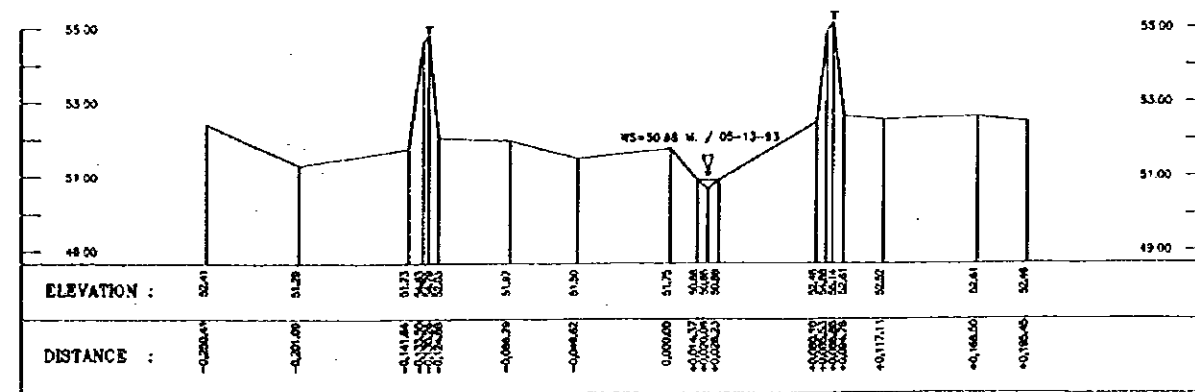
KM 1+000 LINE-2



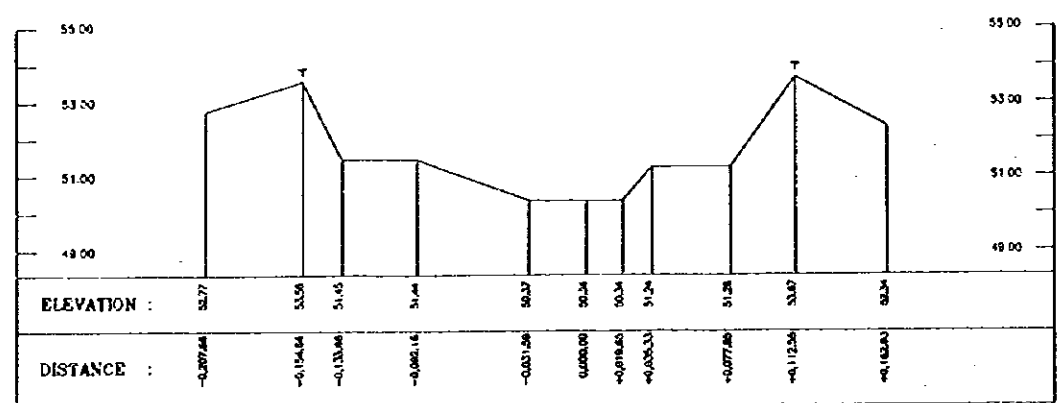
KM 0+500 LINE-1



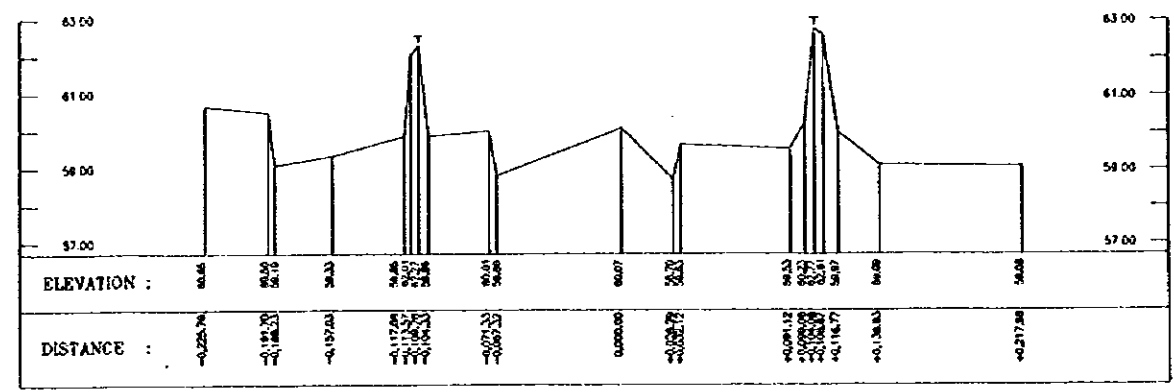
KM 1+500 LINE-3



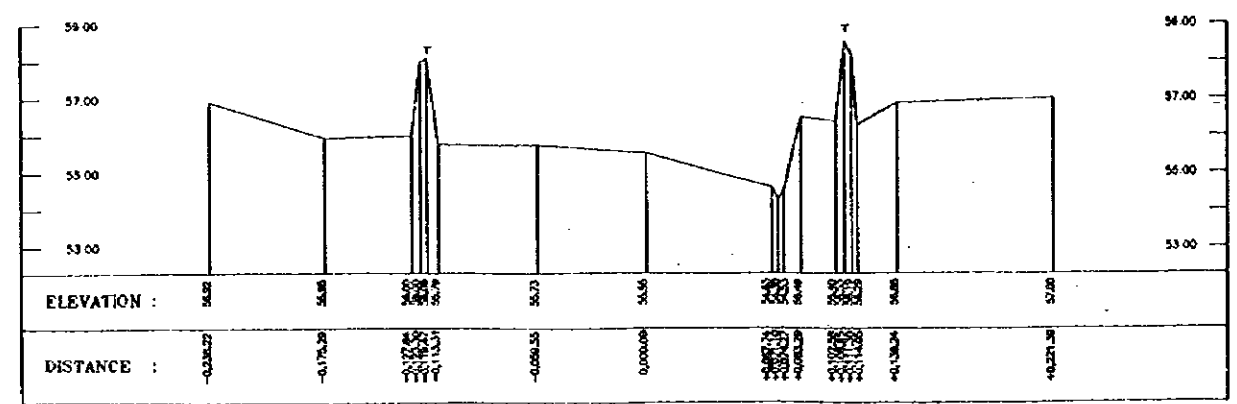
KM 1+399 LINE-2+399



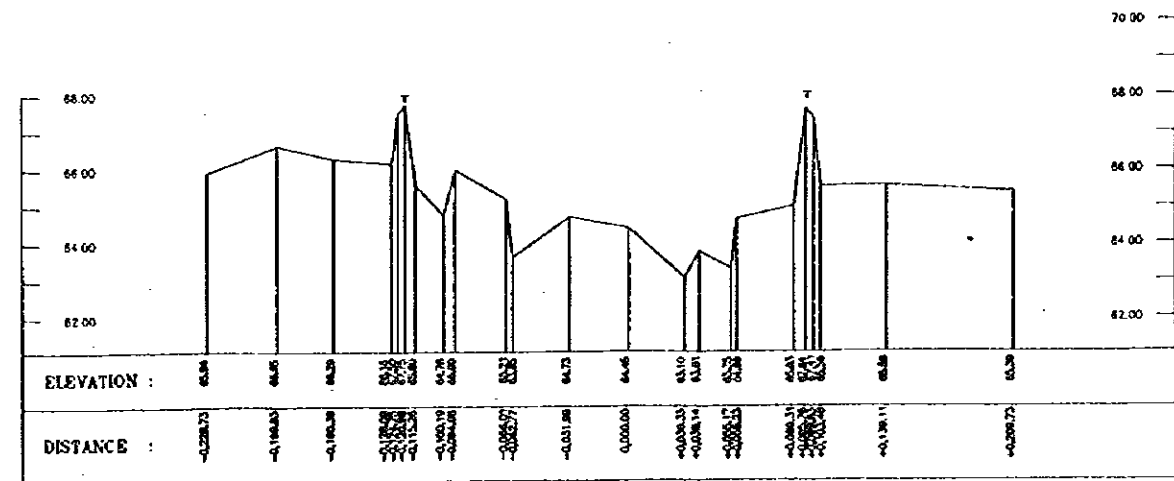
KM 2+500 LINE-5



KM 2+000 LINE-4

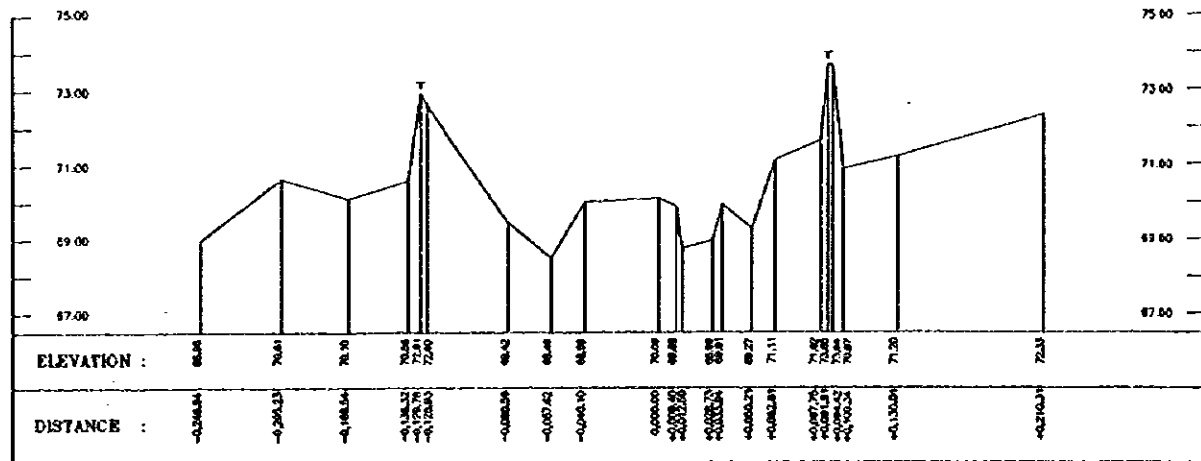


KM 3+000 LINE-6

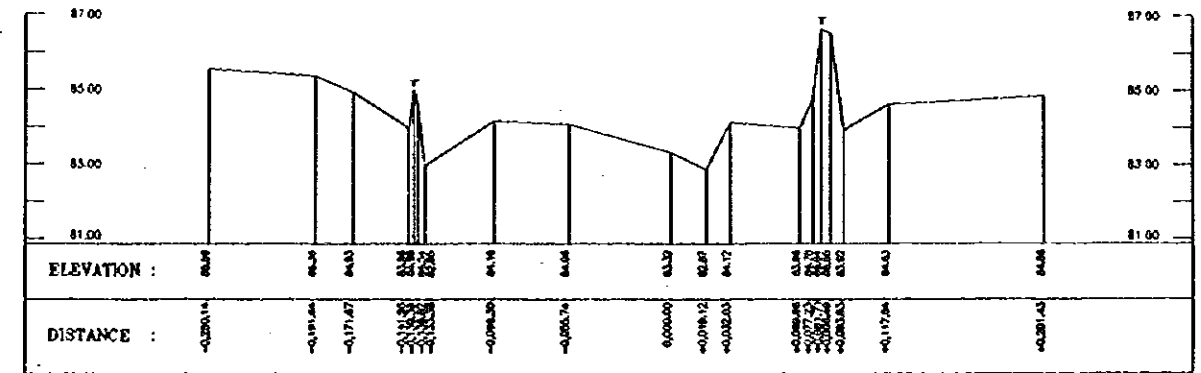


<p>THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>CROSS-SECTION</p>		<p>SITE (LOCATION) : PAPA RIVER</p>	
	<p>APPROVED BY :</p>	<p>CHECKED BY :</p>	<p>SCALE : H = 1 : 4000 V = 1 : 200</p>	<p>CROSS-SECTION NO.</p>

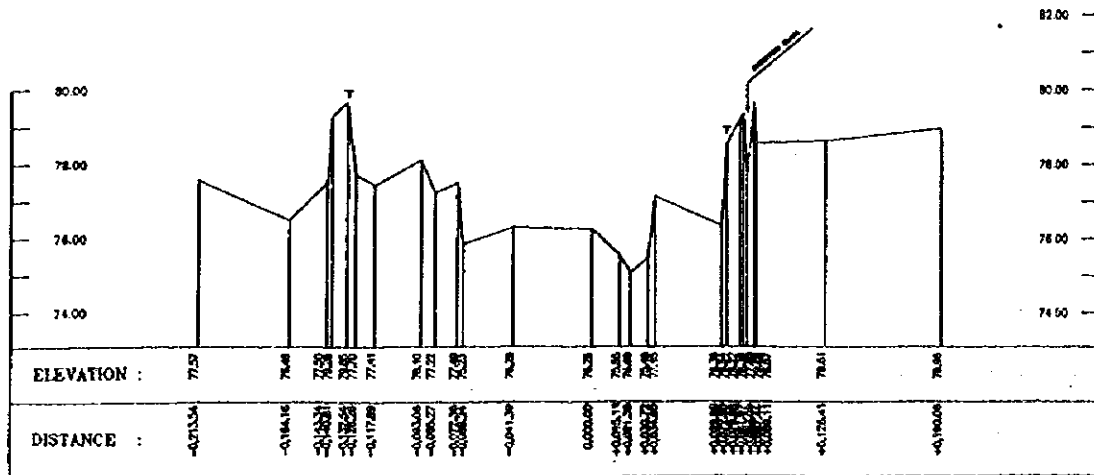
KM 3+500 LINE-7



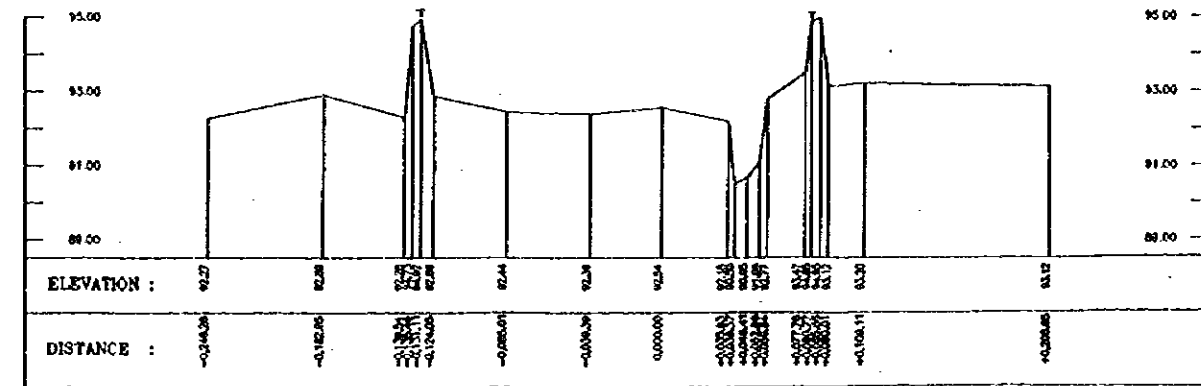
KM 4+500 LINE-9



KM 4+000 LINE-8

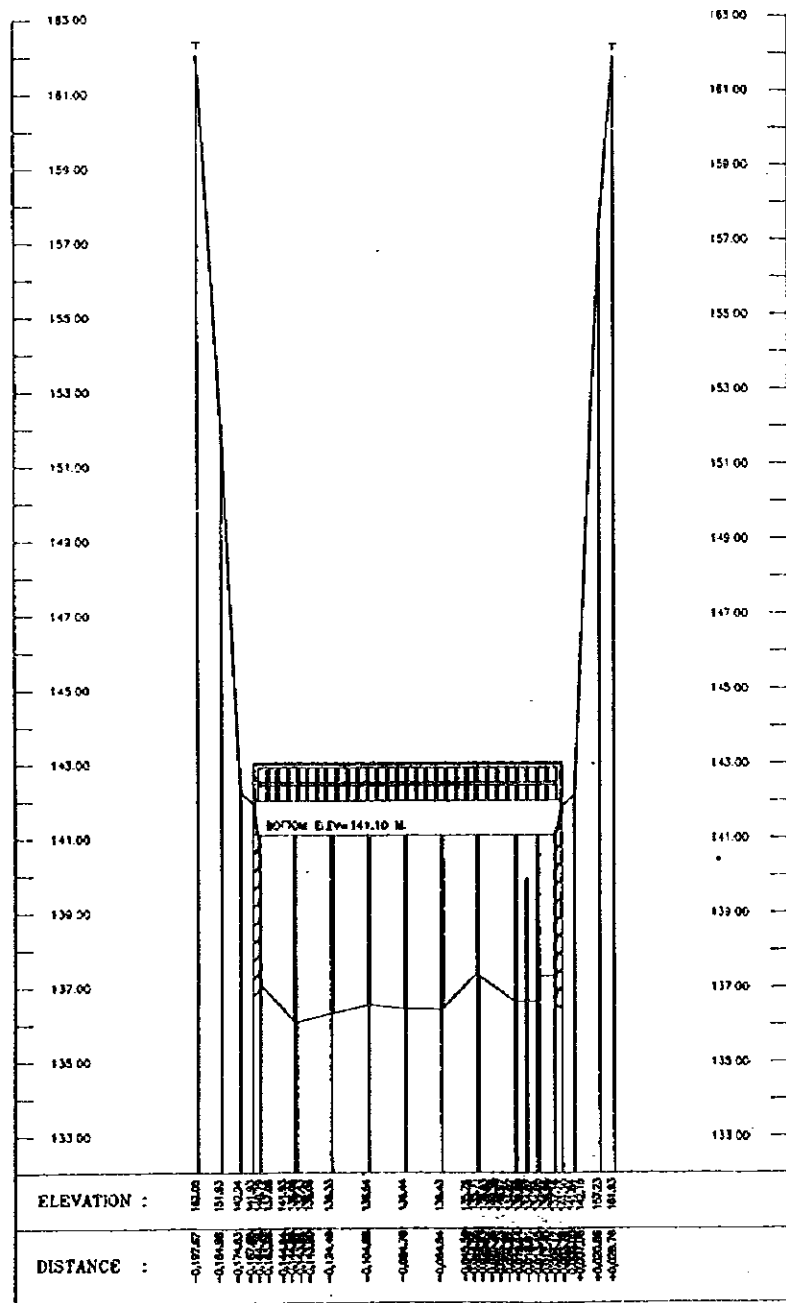


KM 5+000 LINE-10

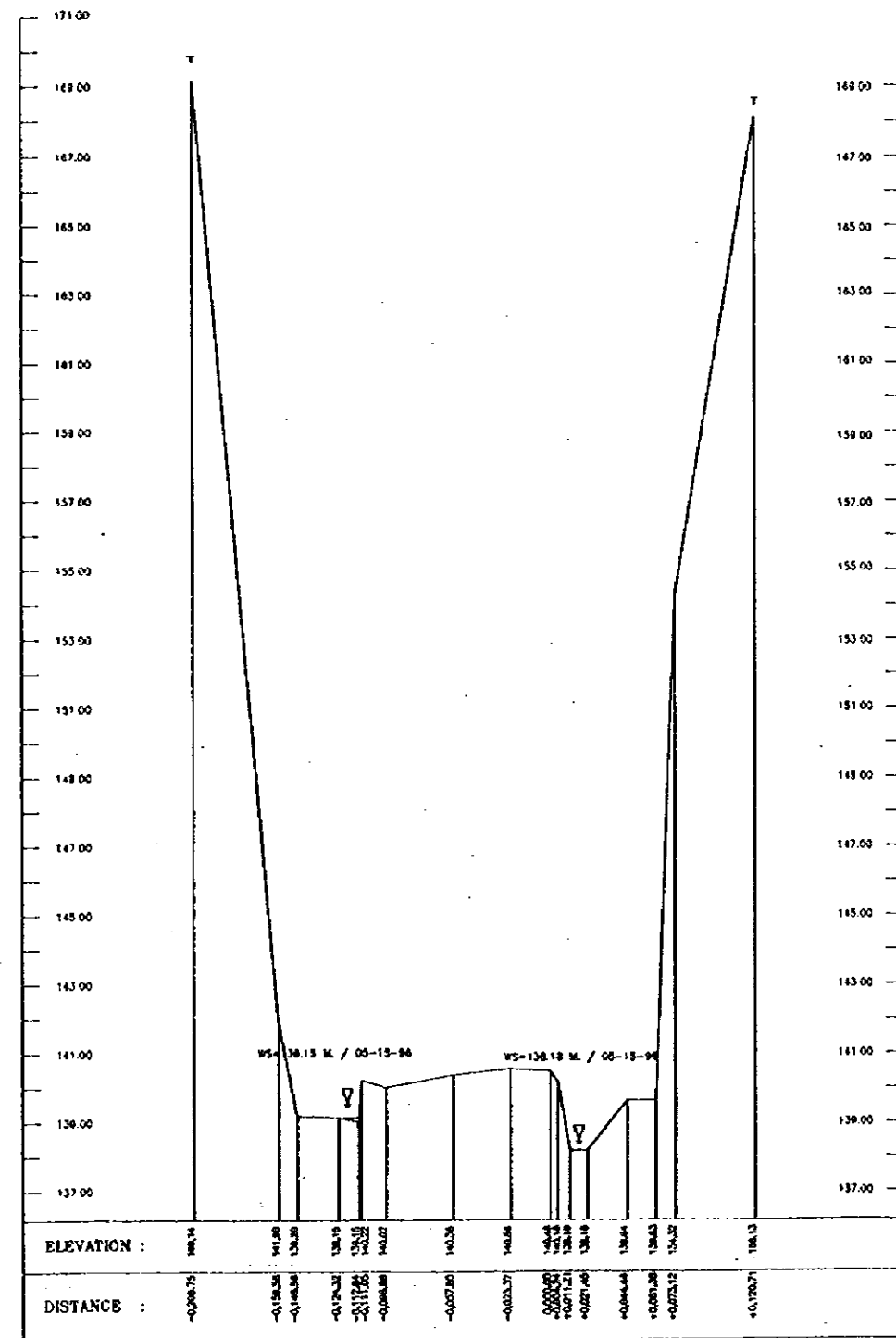


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	PAPA RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000 V = 1 : 200	

KM 7+237 LINE - 14+237 (PAPA-DAM BRIDGE)

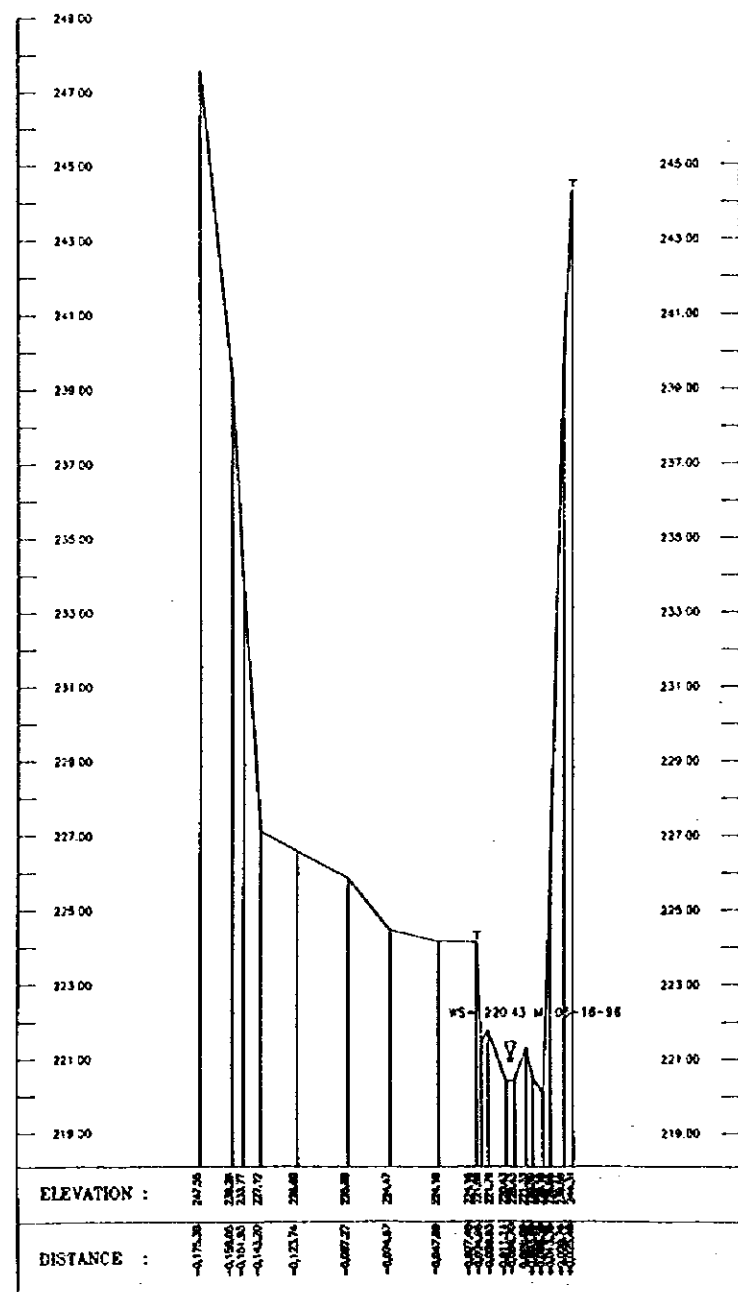


KM 7+500 LINE-15

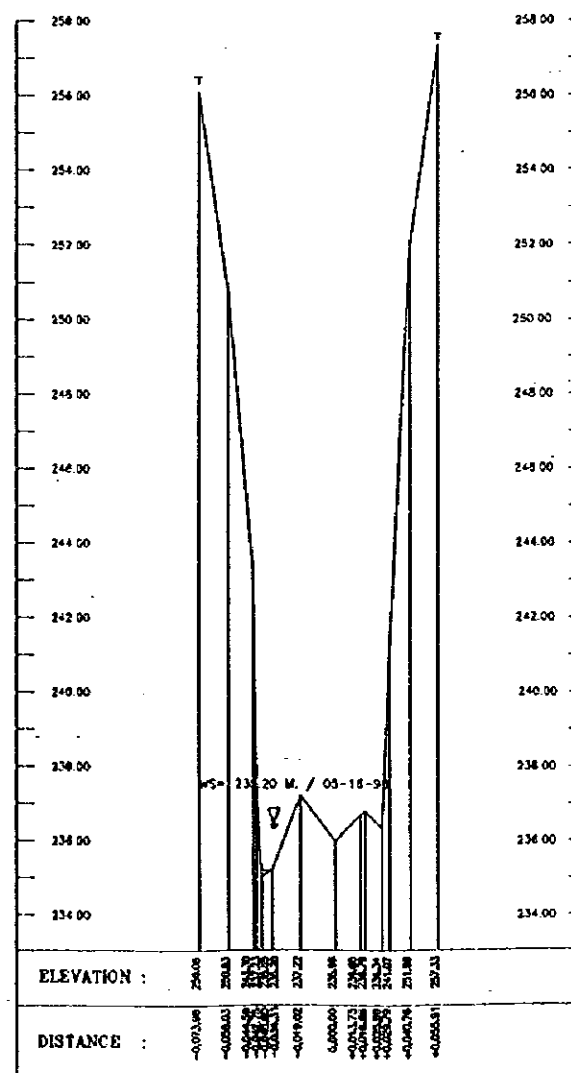


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	CROSS-SECTION		SITE (LOCATION) :	
	APPROVED BY :	CHECKED BY :	PAPA RIVER	
			SCALE :	CROSS-SECTION NO.
			H = 1 : 4000	
			V = 1 : 200	

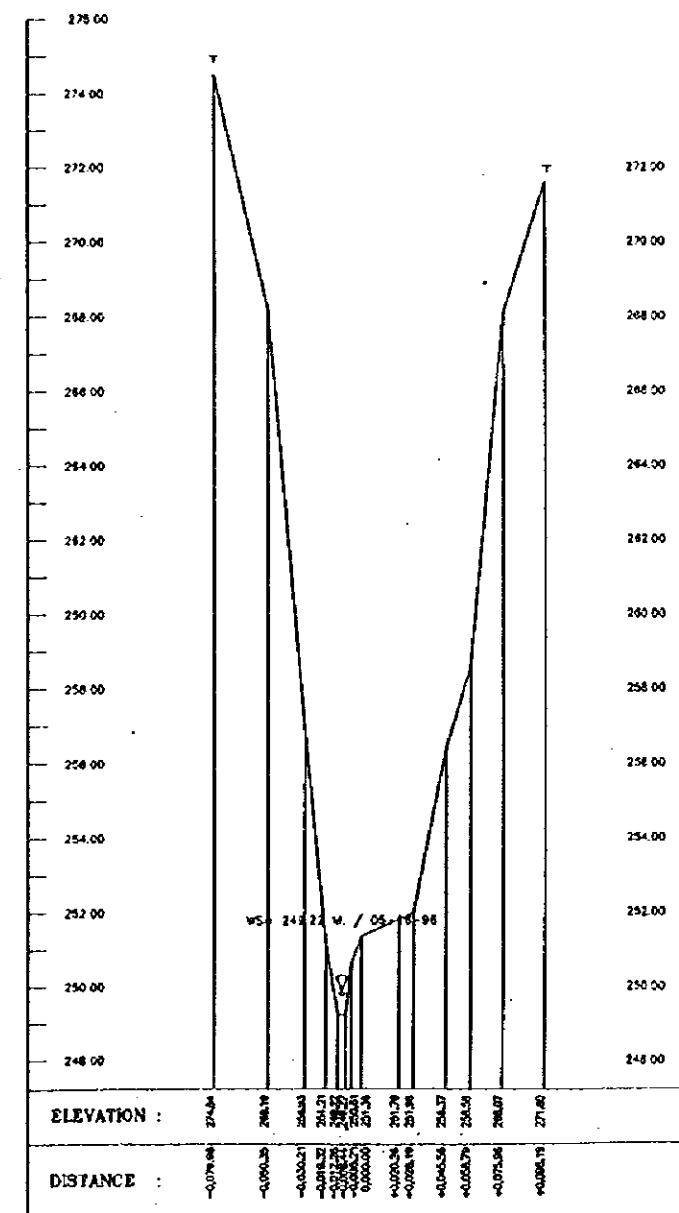
KM 11+000 LINE-22



KM 11+500 LINE-23



KM.12+000 LINE-24



THE STUDY ON SABO AND FLOOD CONTROL
 IN THE LAOAG RIVER BASIN
 JAPAN INTERNATIONAL COOPERATION AGENCY

CROSS-SECTION

SITE (LOCATION) :

PAPA RIVER

APPROVED BY :

CHECKED BY :

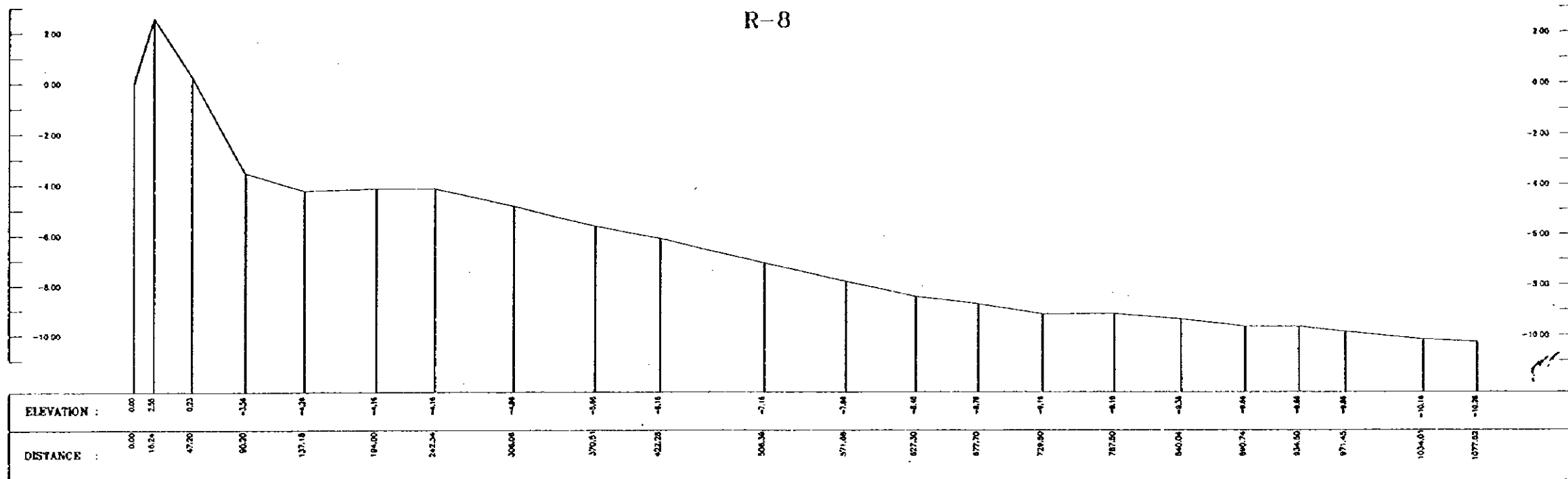
SCALE :

H = 1 : 4000

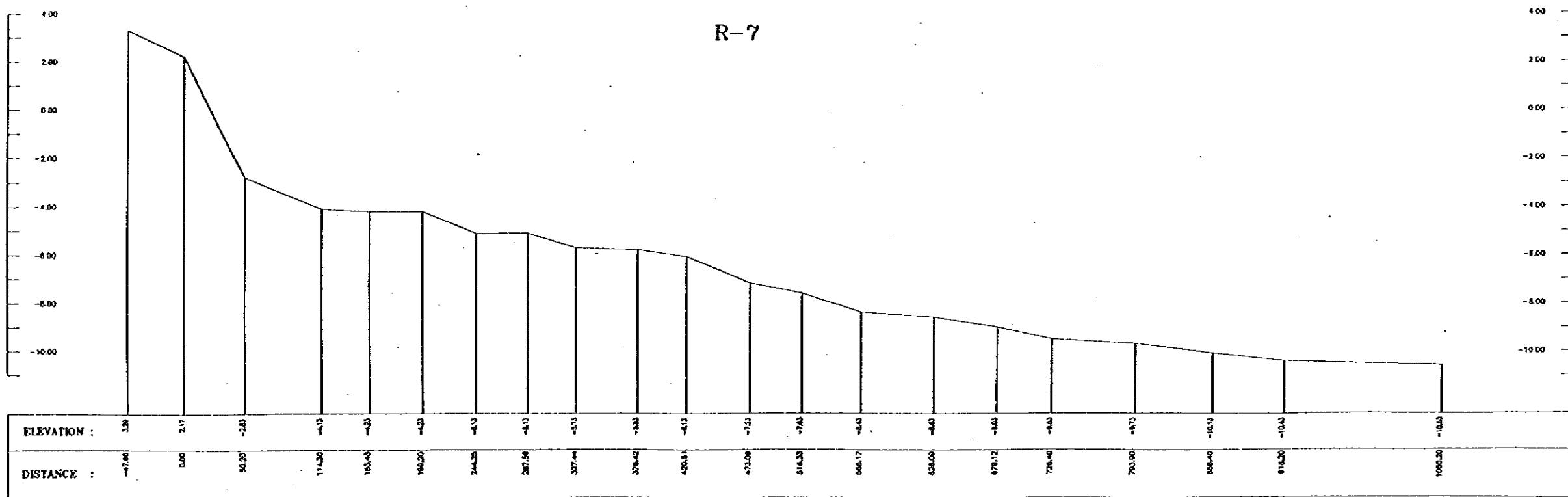
V = 1 : 200

CROSS-SECTION NO.

R-8

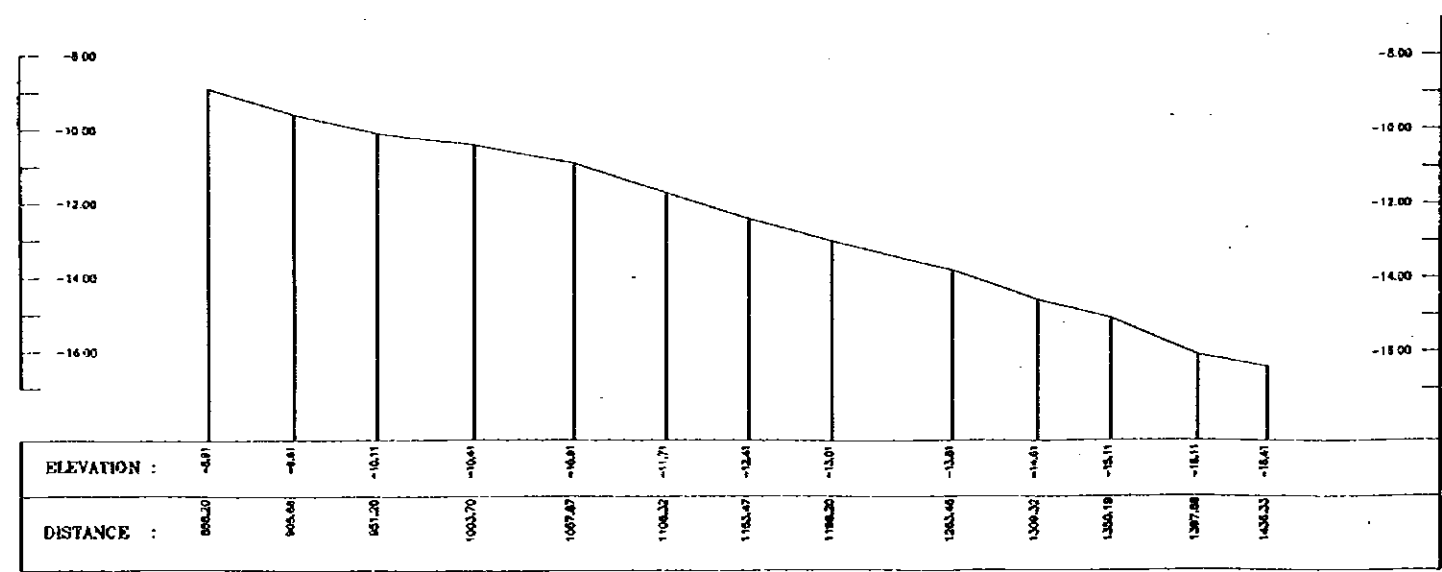
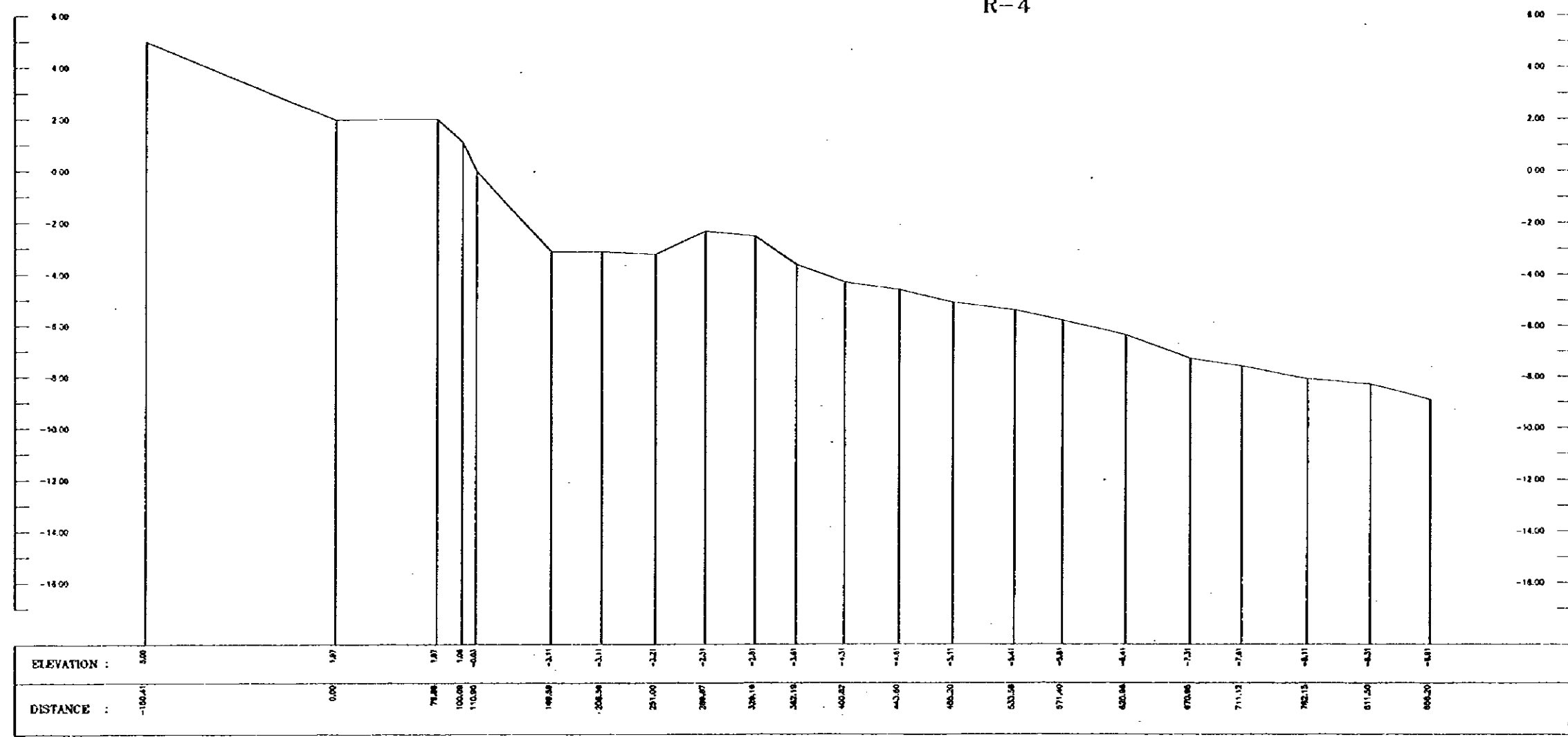


R-7



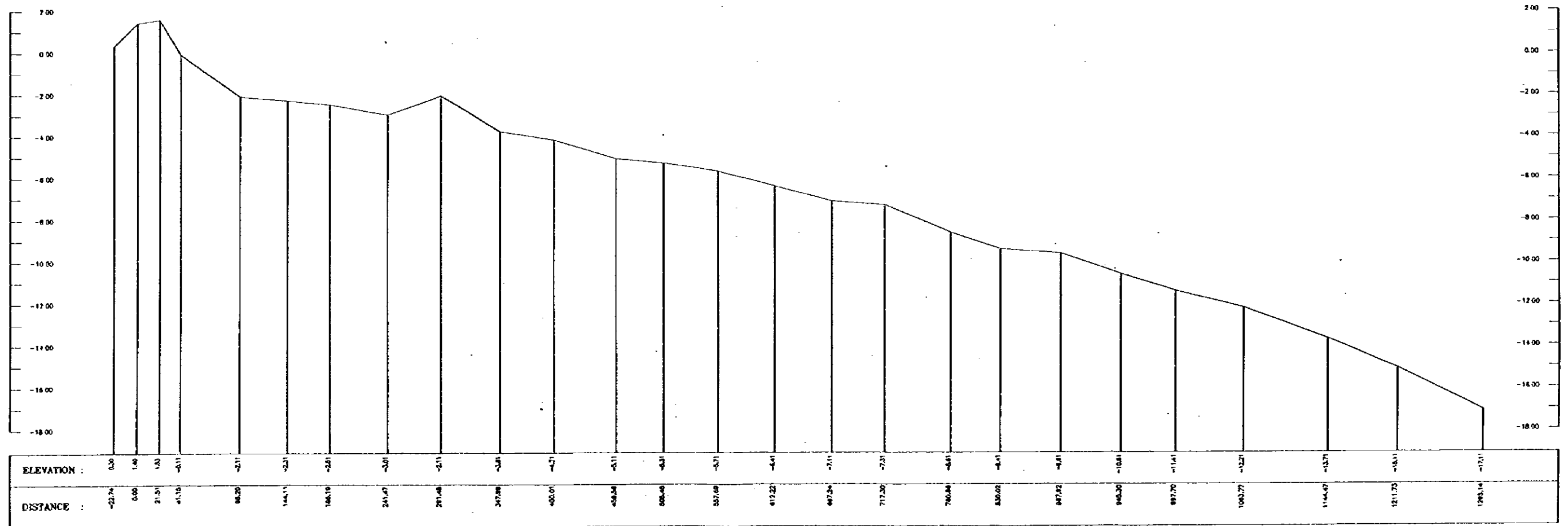
THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	HYDROGRAPHIC CROSS-SECTION		SITE (LOCATION) : LAOAG
	APPROVED BY :	CHECKED BY :	SCALE : H = 1 : 4000 V = 1 : 200
			CROSS-SECTION NO.

R-4



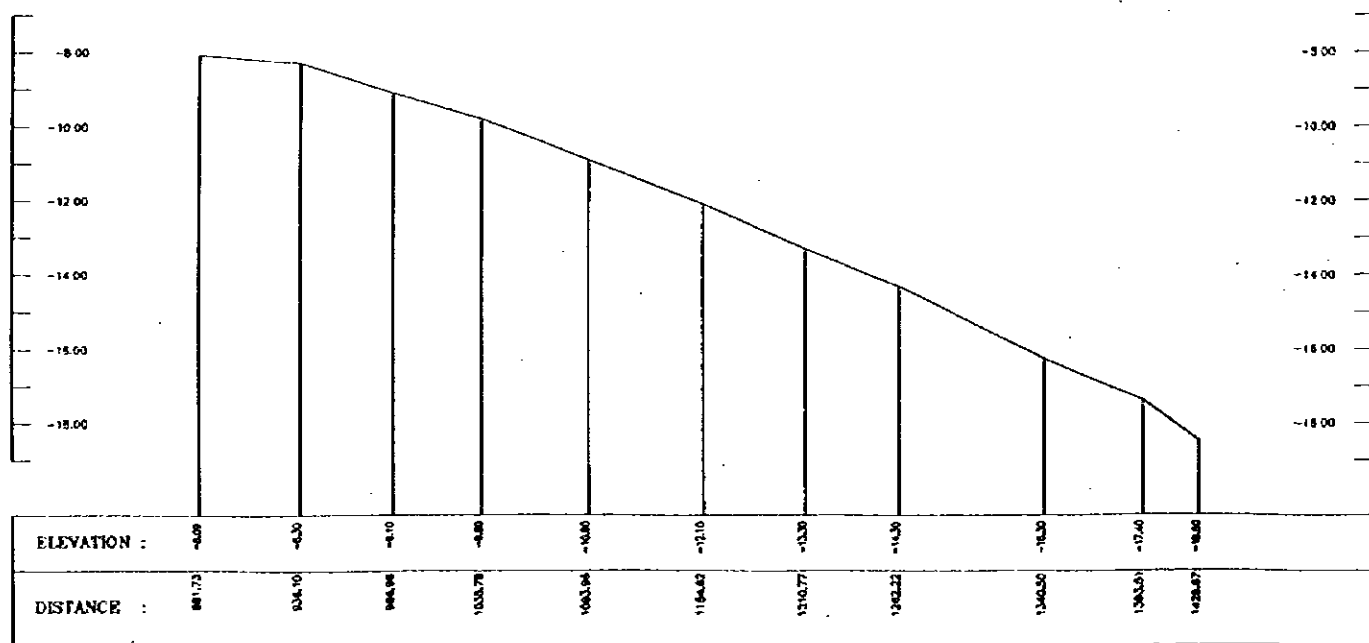
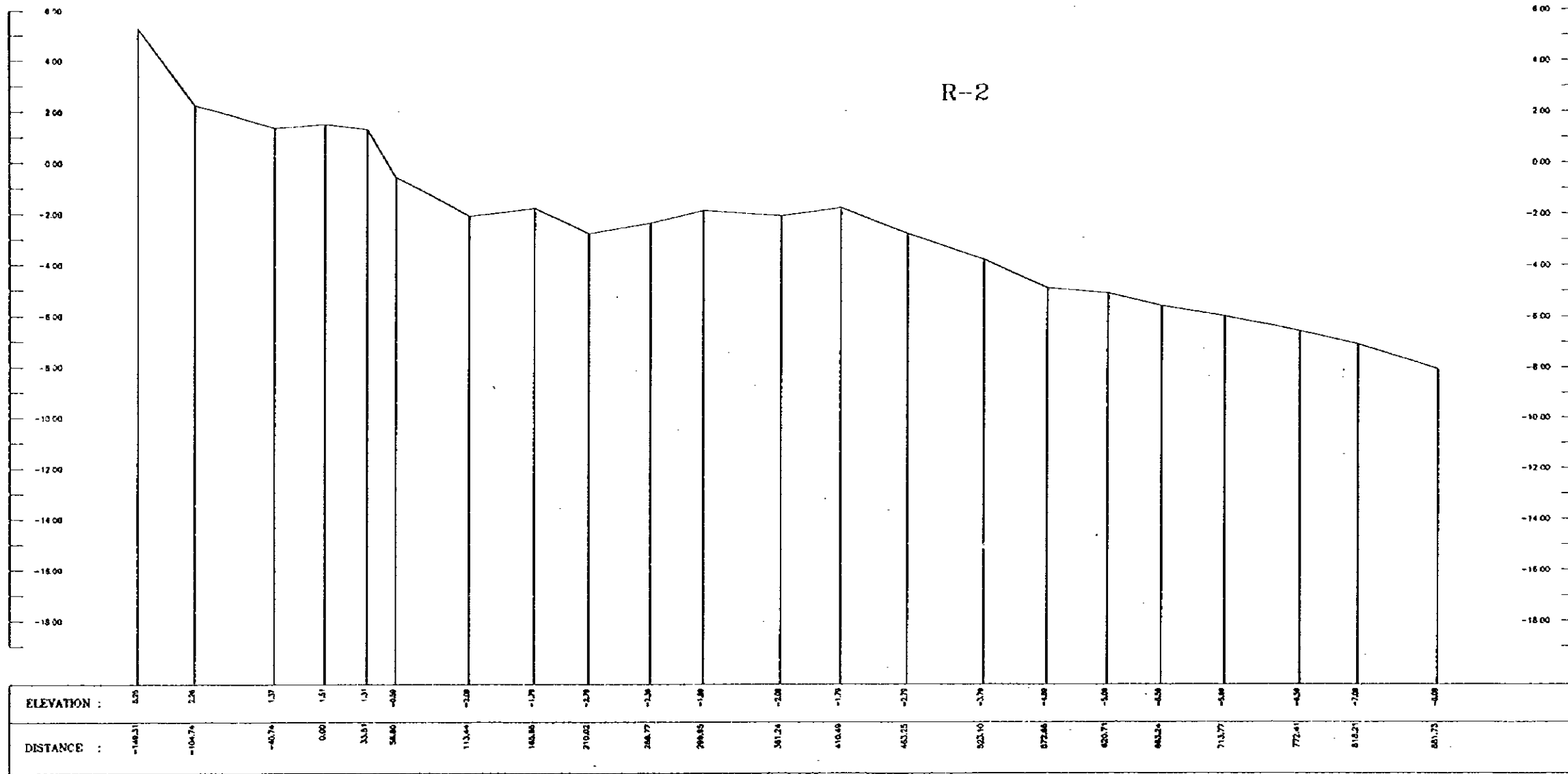
THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	HYDROGRAPHIC CROSS-SECTION		SITE (LOCATION) : LAOAG	
	APPROVED BY :	CHECKED BY :	SCALE : H = 1 : 4000 V = 1 : 200	CROSS-SECTION NO.

R-3



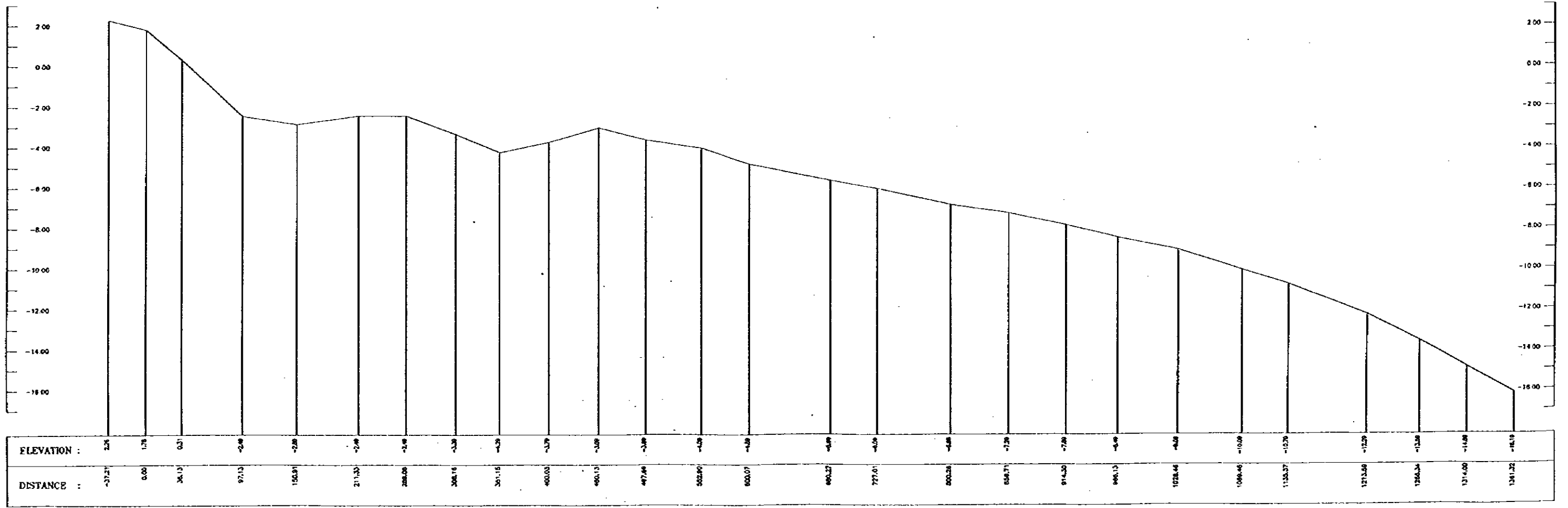
<p>THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY</p>		<p>HYDROGRAPHIC CROSS-SECTION</p>		<p>SITE (LOCATION) : LAOAG</p>	
		<p>APPROVED BY :</p>	<p>CHECKED BY :</p>	<p>SCALE : H = 1 : 4000 V = 1 : 200</p>	<p>CROSS-SECTION NO.</p>

R-2

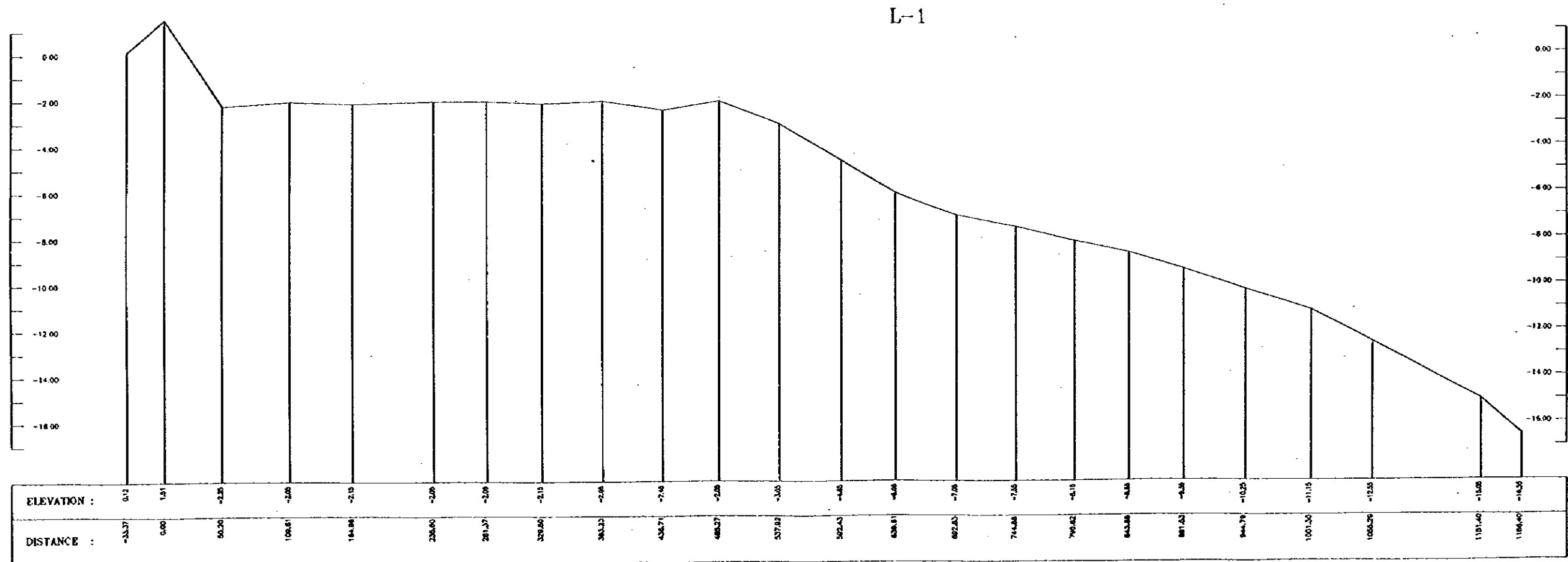
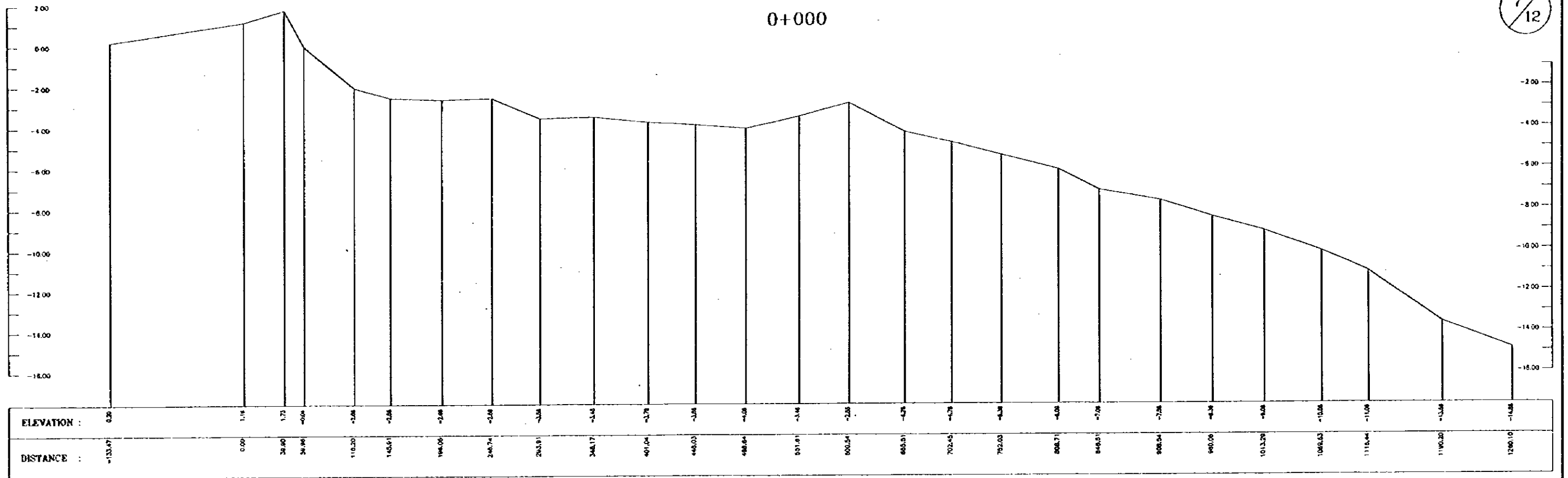


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY		HYDROGRAPHIC CROSS-SECTION		SITE (LOCATOR) : LAOAG	
		APPROVED BY :	CHECKED BY :	SCALE : H = 1 : 4000 V = 1 : 200	CROSS-SECTION NO.

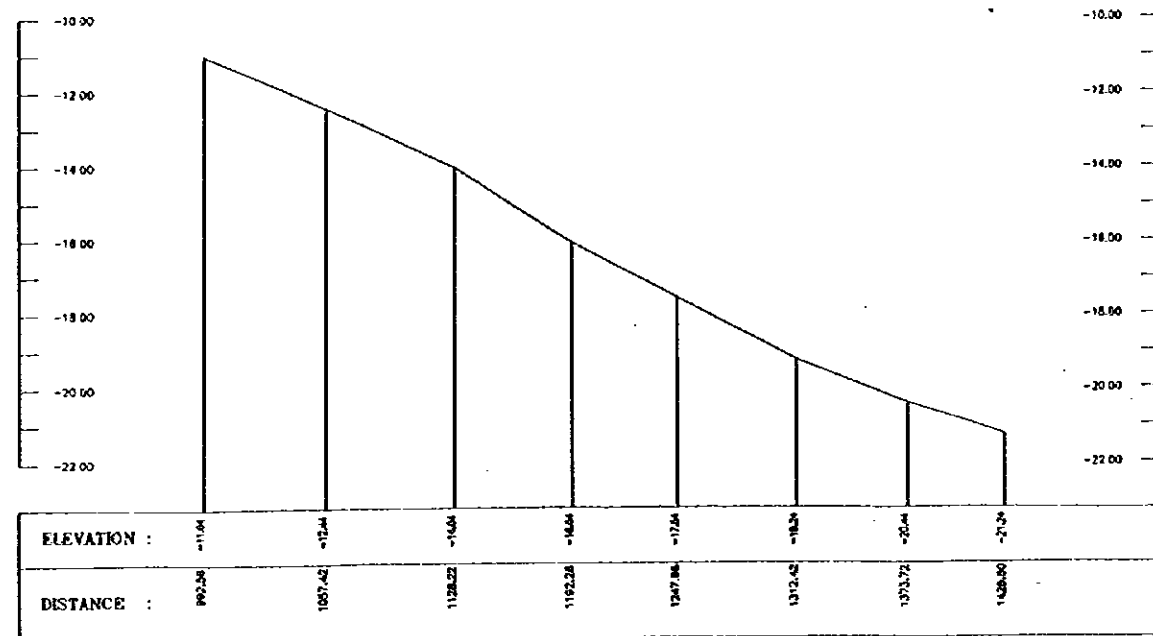
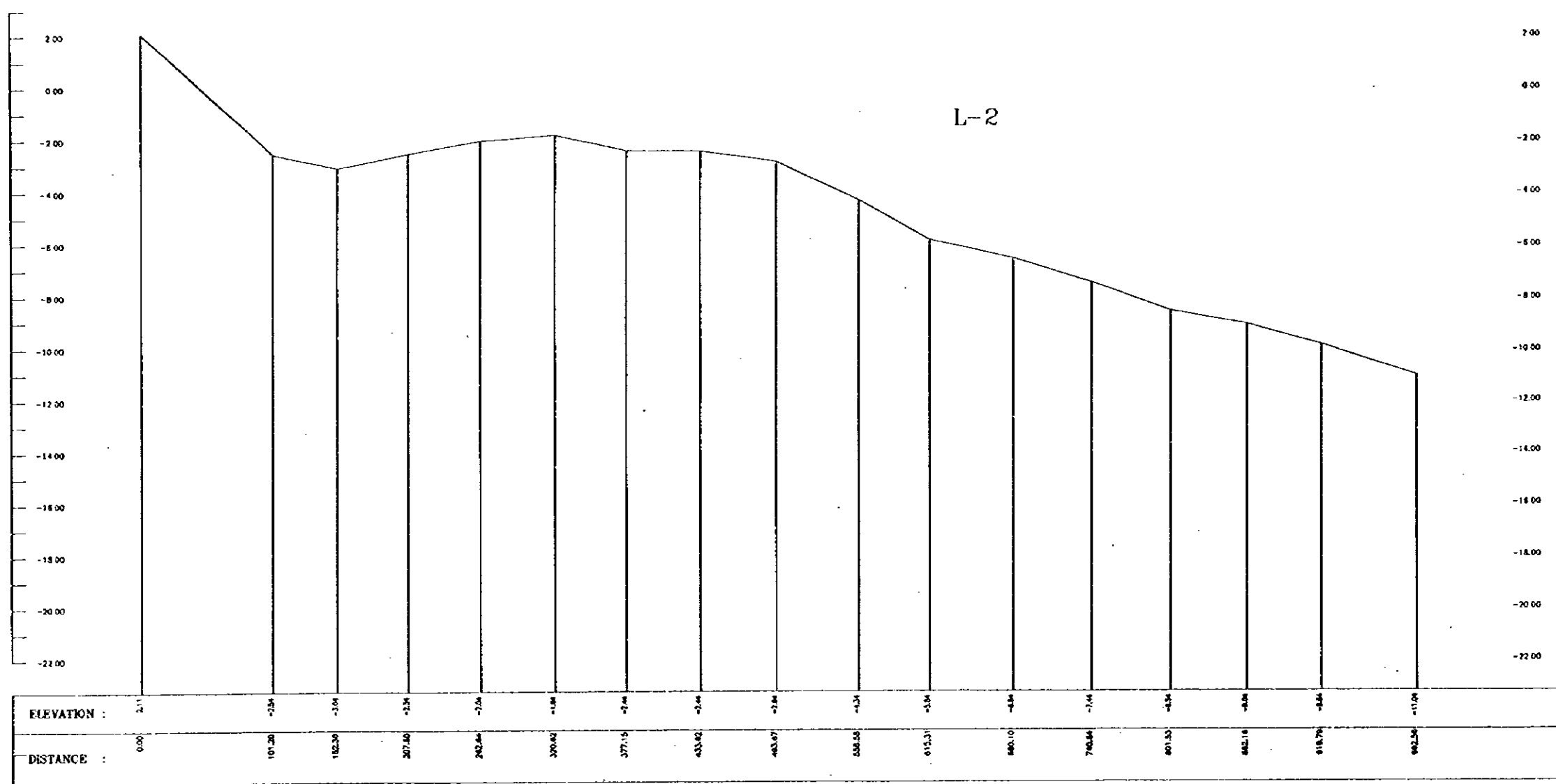
R-1



THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	HYDROGRAPHIC CROSS-SECTION		SITE (LOCATION) : LAOAG	
	APPROVED BY :	CHECKED BY :	SCALE : H = 1 : 4000 V = 1 : 200	CROSS-SECTION NO.

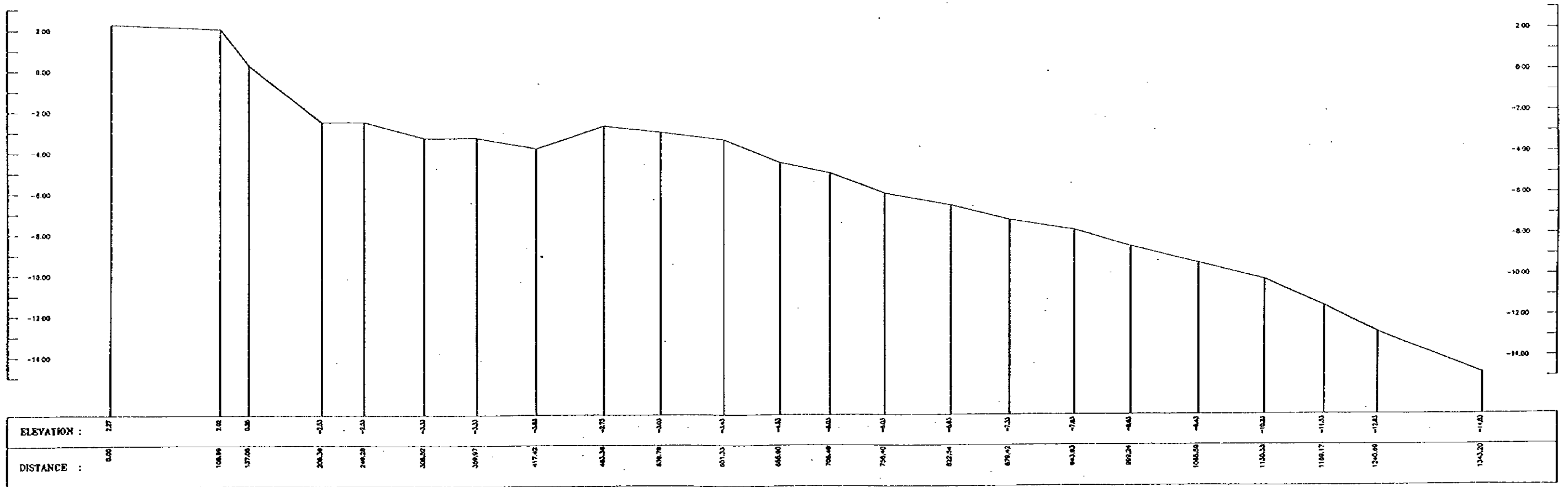


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN		HYDROGRAPHIC CROSS-SECTION		SITE (LOCATION) :	
JAPAN INTERNATIONAL COOPERATION AGENCY				LAOAG	
APPROVED BY :	CHECKED BY :	SCALE :	CROSS-SECTION NO.		
		H = 1 : 4000 V = 1 : 200			



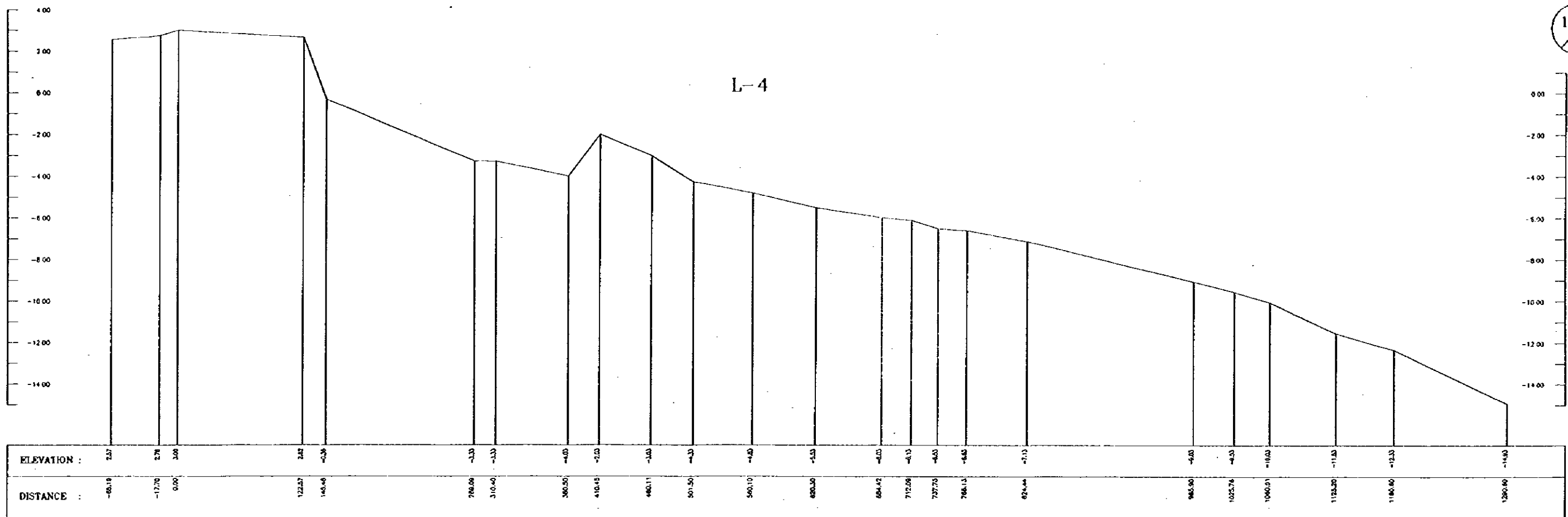
THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	HYDROGRAPHIC CROSS-SECTION		SITE (LOCATION) : LAOAG	
	APPROVED BY :	CHECKED BY :	SCALE :	CROSS-SECTION NO.
			H = 1 : 4000 V = 1 : 200	

L-3

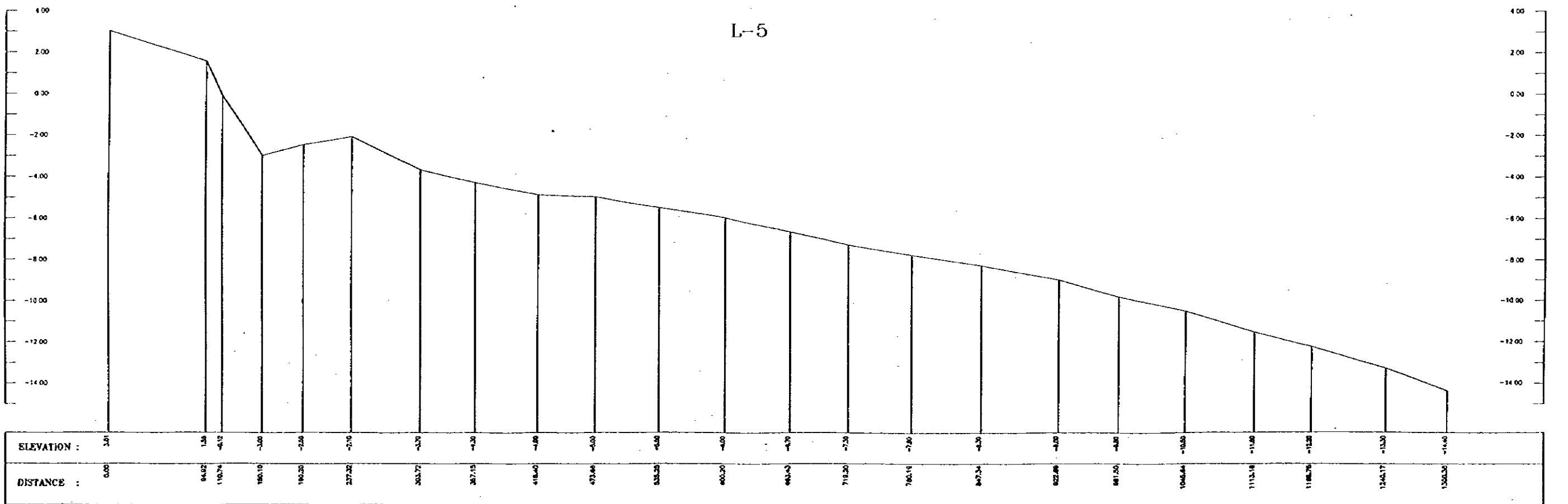


THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY	HYDROGRAPHIC CROSS-SECTION		SITE (LOCATION) : LAOAG	
	APPROVED BY :	CHECKED BY :	SCALE : H - 1 : 4000 V - 1 : 200	CROSS-SECTION NO.

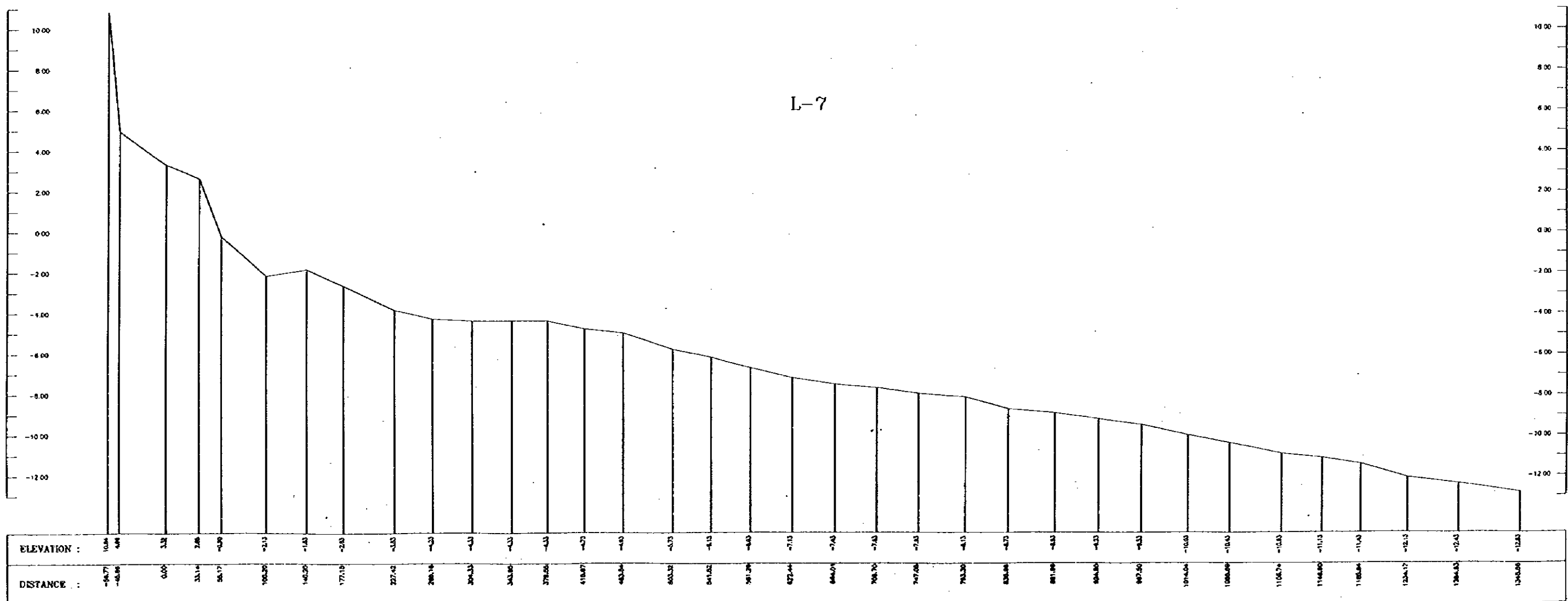
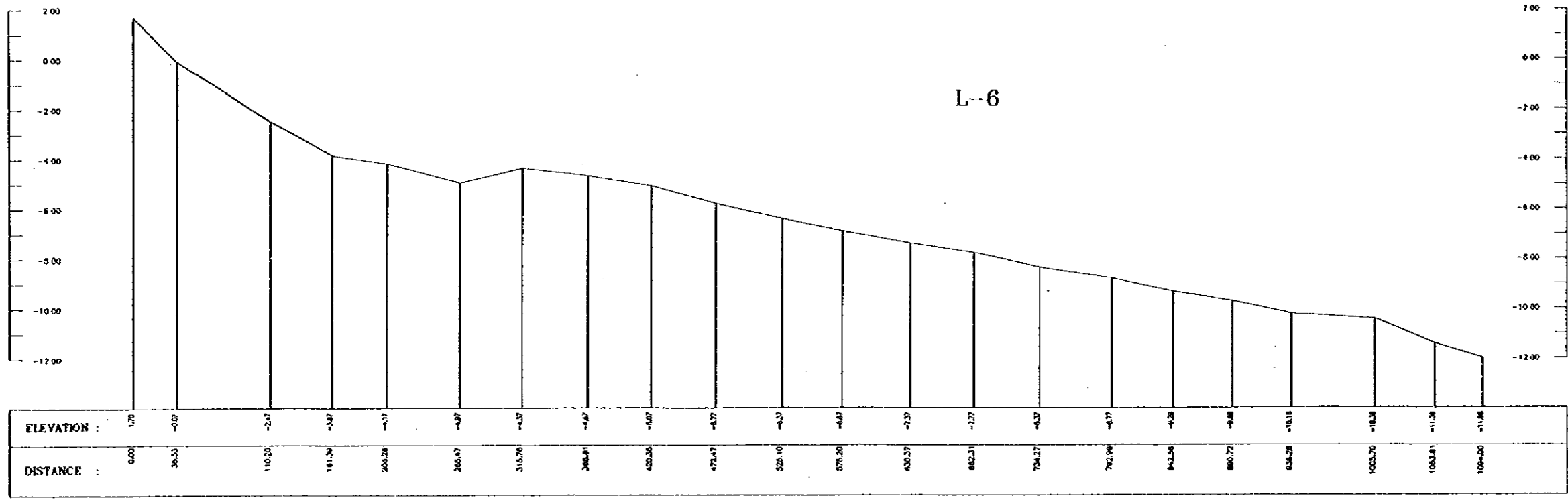
L-4



L-5

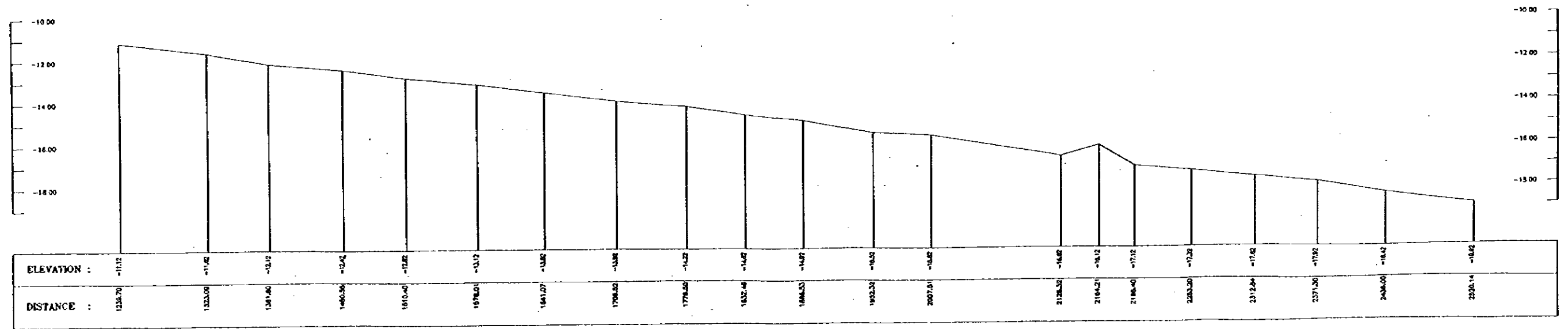
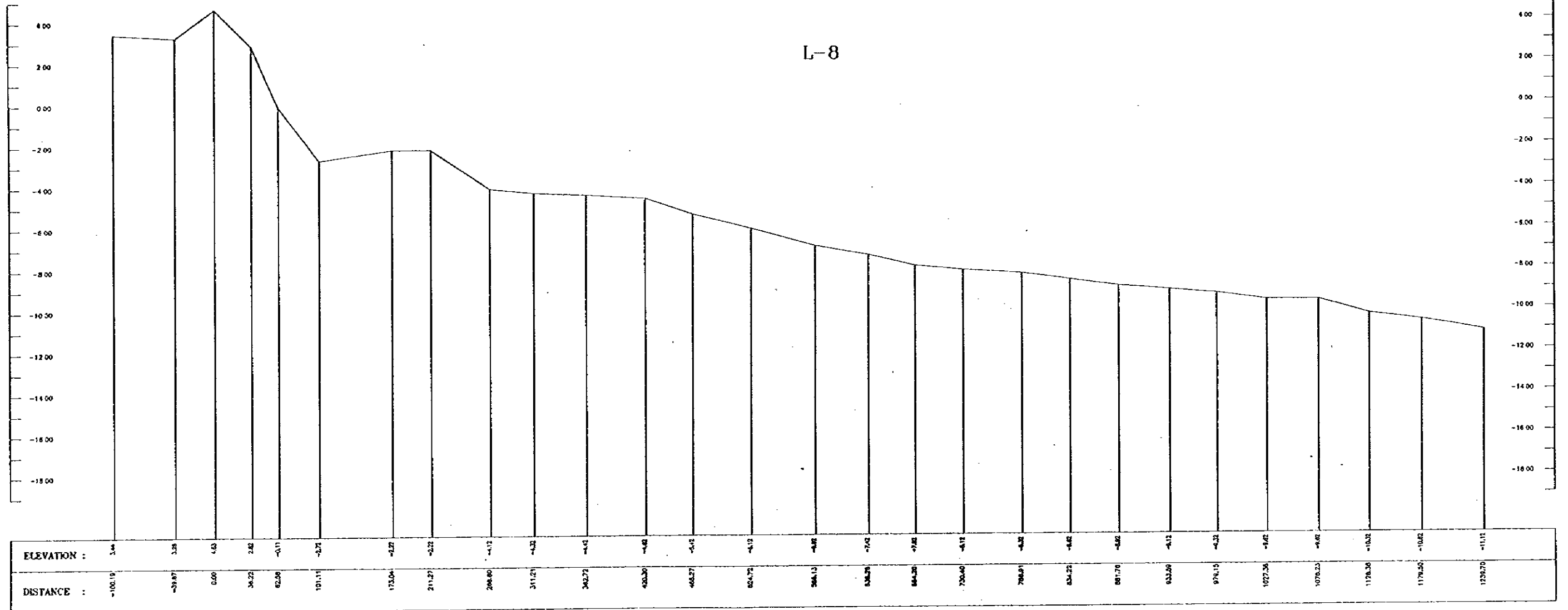


<p>THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>HYDROGRAPHIC CROSS-SECTION</p>		<p>SITE (LOCATION) :</p> <p>LAOAG</p>
	<p>APPROVED BY :</p>	<p>CHECKED BY :</p>	<p>SCALE :</p> <p>H = 1 : 4000 V = 1 : 200</p>
			<p>CROSS-SECTION NO.</p>



THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN JAPAN INTERNATIONAL COOPERATION AGENCY		HYDROGRAPHIC CROSS-SECTION	SITE (LOCATION) : LAOAG	
APPROVED BY :	CHECKED BY :	SCALE :	CROSS-SECTION NO.	
		H = 1 : 4000 V = 1 : 200		

L-8



THE STUDY ON SABO AND FLOOD CONTROL IN THE LAOAG RIVER BASIN
 JAPAN INTERNATIONAL COOPERATION AGENCY

HYDROGRAPHIC CROSS-SECTION
 APPROVED BY : CHECKED BY :

SITE (LOCATION) : LAOAG
 SCALE : H = 1 : 4000 V = 1 : 200
 CROSS-SECTION NO.