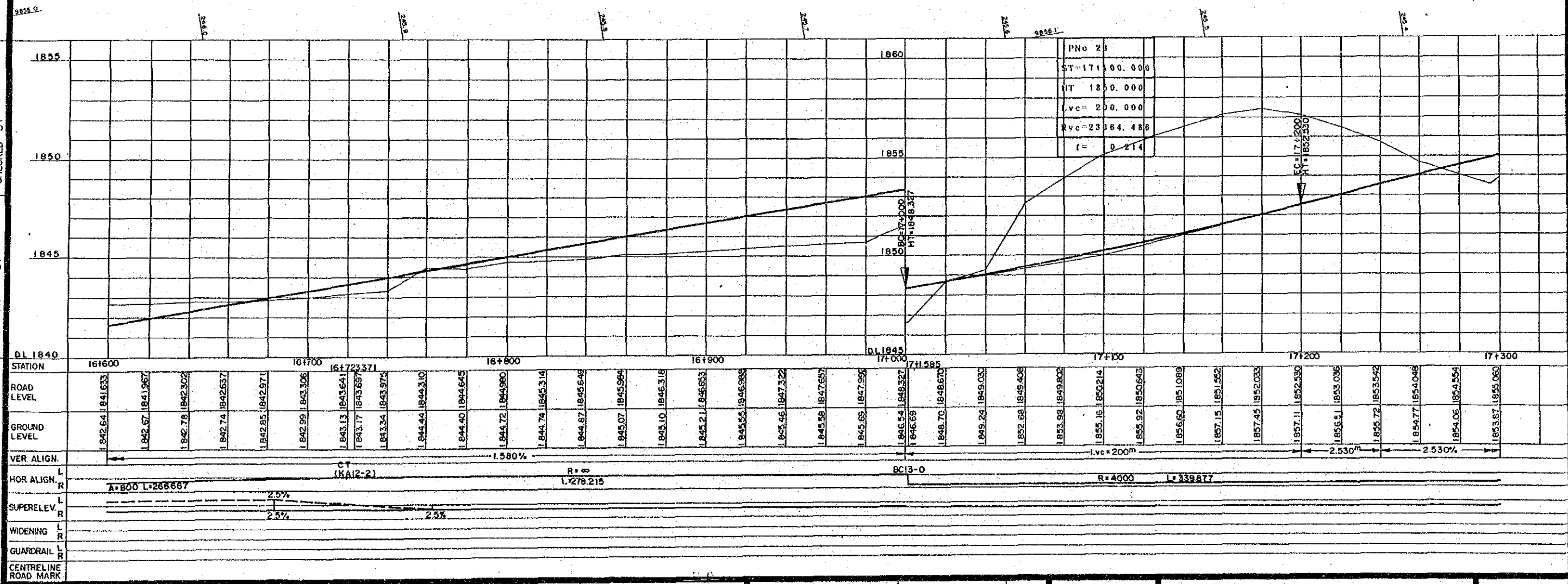
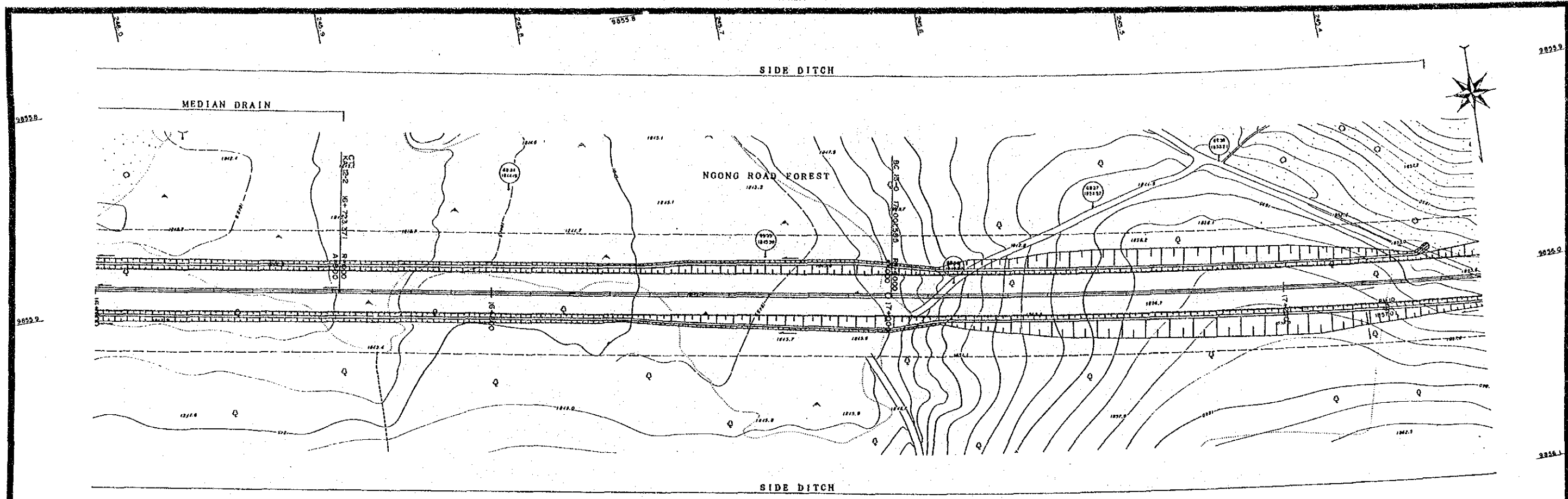


M.O.P.W. ROADS DEPT. DRG. NO. \_\_\_\_\_  
 AERIAL PHOTO BY \_\_\_\_\_  
 MAPPING BY \_\_\_\_\_  
 LOCATION BY \_\_\_\_\_  
 SURVEYED BY \_\_\_\_\_  
 TRACED BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_

REVISIONS DESCRIPTION      DATE		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN. SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES HORIZONTAL 1:1000 VERTICAL 1:100	NAIROBI BYPASS PLAN AND PROFILE CH. 15 <sup>km</sup> +900 TO 16 <sup>km</sup> +600	C SHEET 27 OF 50
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M.O.P.W. ROADS DEPT. DRG. NO. SURVEYED BY TRACED BY CHECKED BY  
 AERIAL PHOTO BY MAPPING BY LOCATION BY

PNo 28
ST=17100.000
IT 1850.000
Lvc= 200.000
Rvc=23384.488
f= 0.214

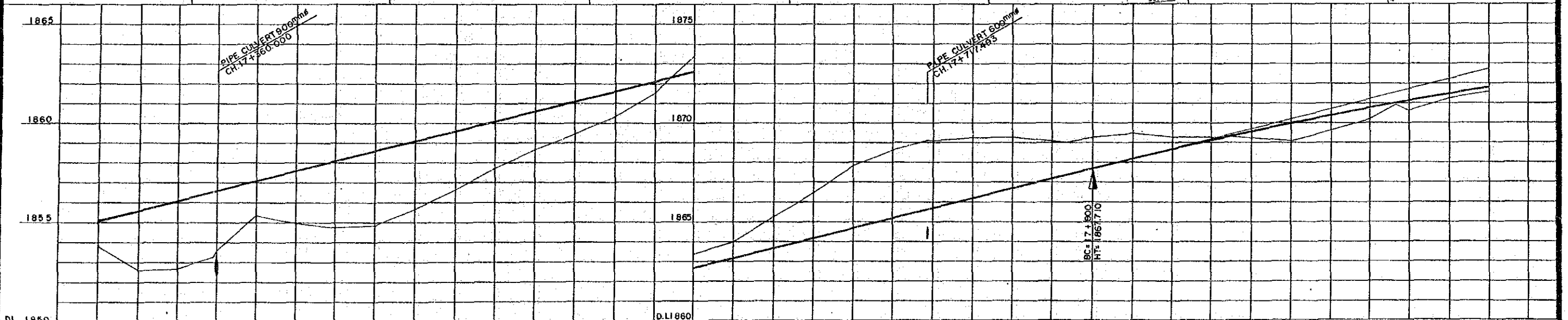
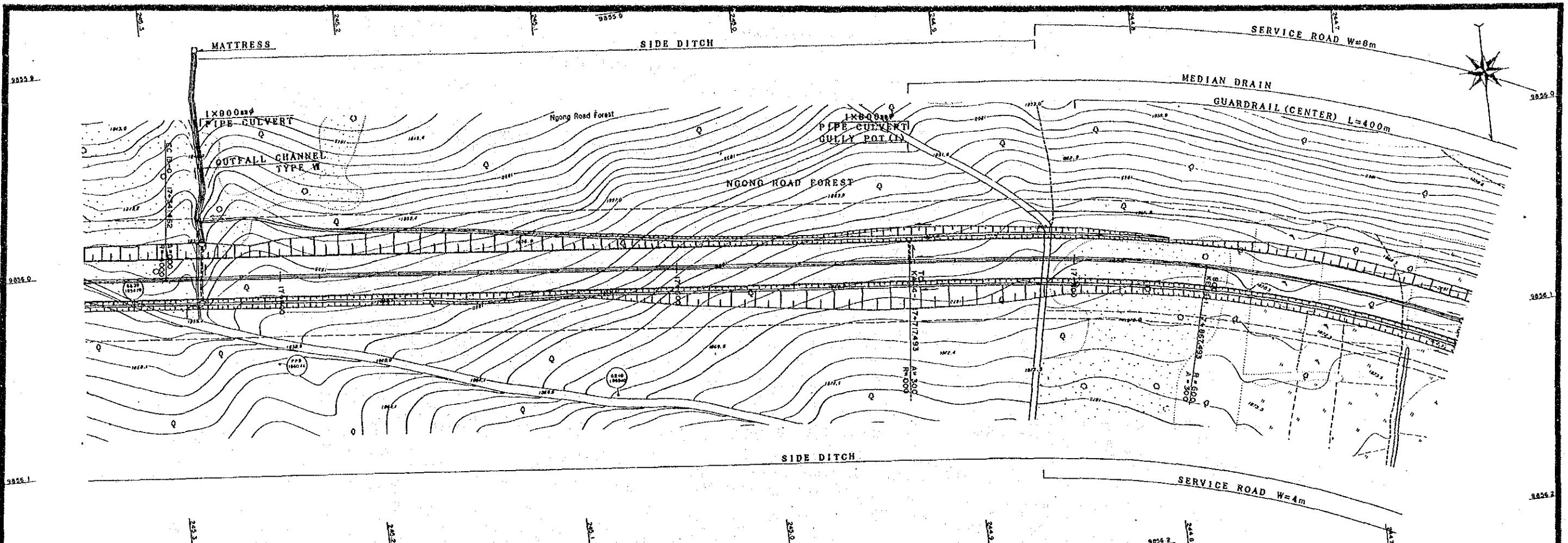
REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY  
 CHIEF ENGINEER (ROADS)  
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)  
 SUPT. ENGINEER (DESIGN)  
 PROJECT ENGINEER

SCALES  
 HORIZONTAL 1:1000  
 VERTICAL 1:100

NAIROBI BYPASS  
 PLAN AND PROFILE CH. 16km+600 TO 17km+300



STATION	171300	171341.462	171400	171500	171600	171700	171717.493	171800	171867.493	171900	18+000
ROAD LEVEL	1855.060	1855.565	1856.072	1856.578	1857.084	1857.590	1858.096	1858.602	1859.108	1859.614	1860.120
GROUND LEVEL	1853.97	1852.58	1852.69	1852.79	1853.57	1855.32	1857.09	1858.62	1859.108	1859.614	1860.120
VER. ALIGN.	2.530 %										
HOR. ALIGN.	EC13-D, R=376.031, (KA14-1), A=300, L=150.000, R=600, L=268.764										
SUPERELEV.	2.5%										
WIDENING											
GUARDRAIL											
CENTRELINE ROAD MARK											

SURVEYED BY  
 TRACED BY  
 CHECKED BY  
 AERIAL PHOTO BY  
 MAPPING BY  
 LOCATION BY

REVISIONS	
DESCRIPTION	DATE

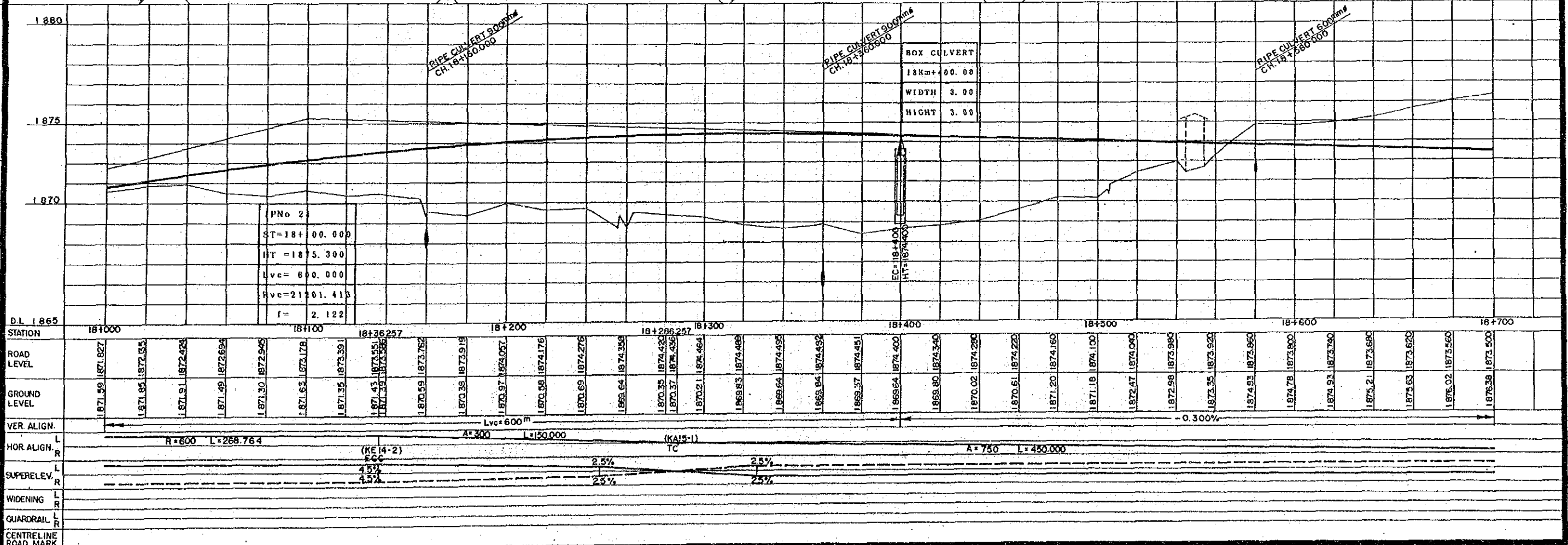
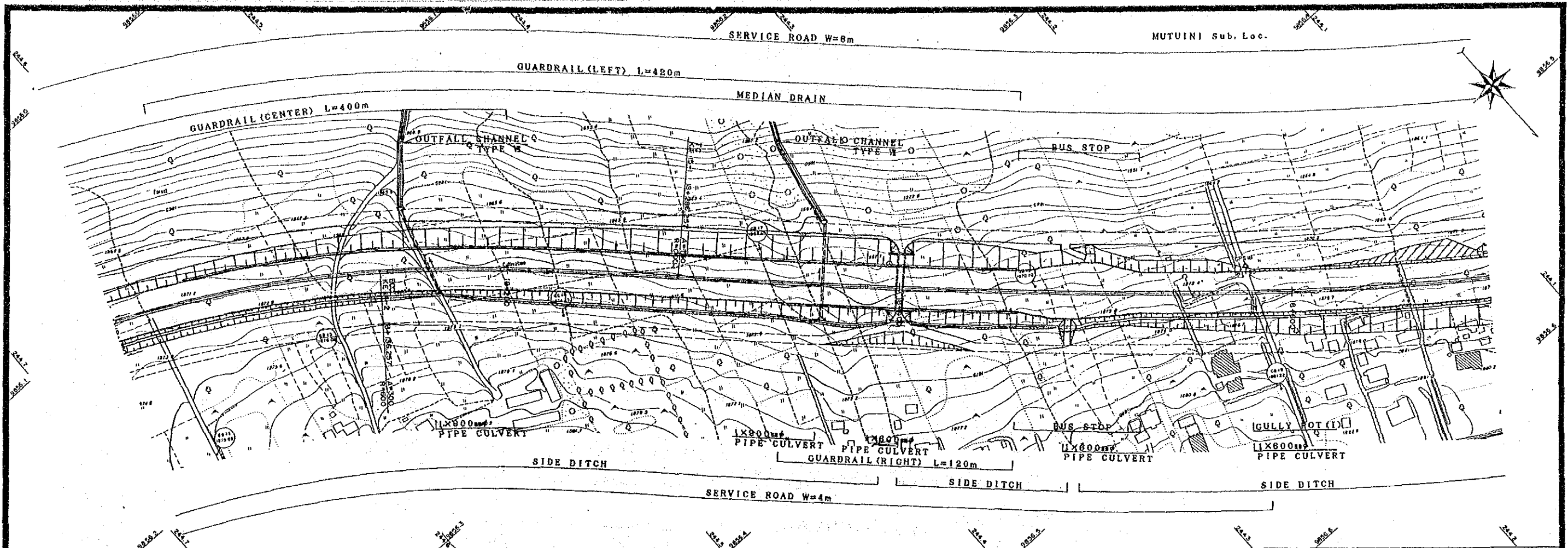
JAPAN INTERNATIONAL COOPERATION AGENCY  
 CHIEF ENGINEER (ROADS)  
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)  
 SUPT. ENGINEER (DESIGN)  
 PROJECT ENGINEER

SCALES  
 HORIZONTAL 1:1000  
 VERTICAL 1:100

NAIROBI BYPASS  
 PLAN AND PROFILE CH. 17<sup>km</sup>+300 TO 18<sup>km</sup>+000

C  
 SHEET 29 OF 50



SURVEYED BY  
 MAPPED BY  
 AERIAL PHOTO BY  
 TRACED BY  
 LOCATION BY  
 CHECKED BY

REVISIONS	DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY

CHIEF ENGINEER (ROADS)  
 CHIEF SUPT. ENG. (DESIGN)

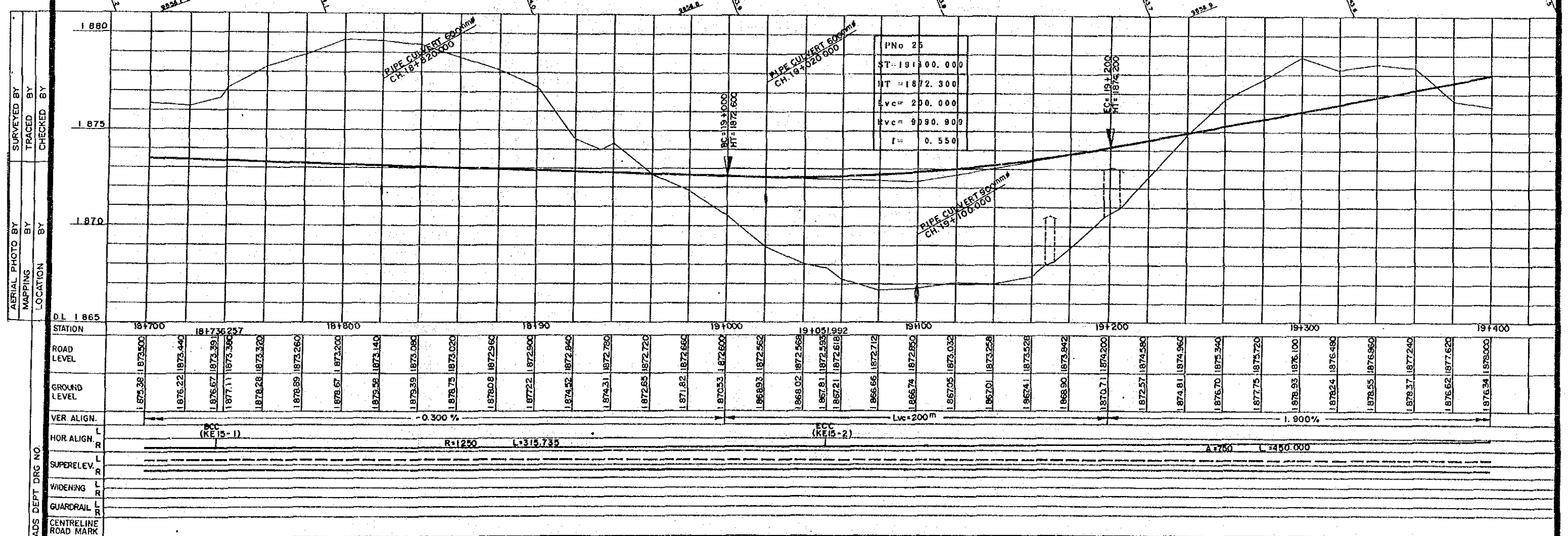
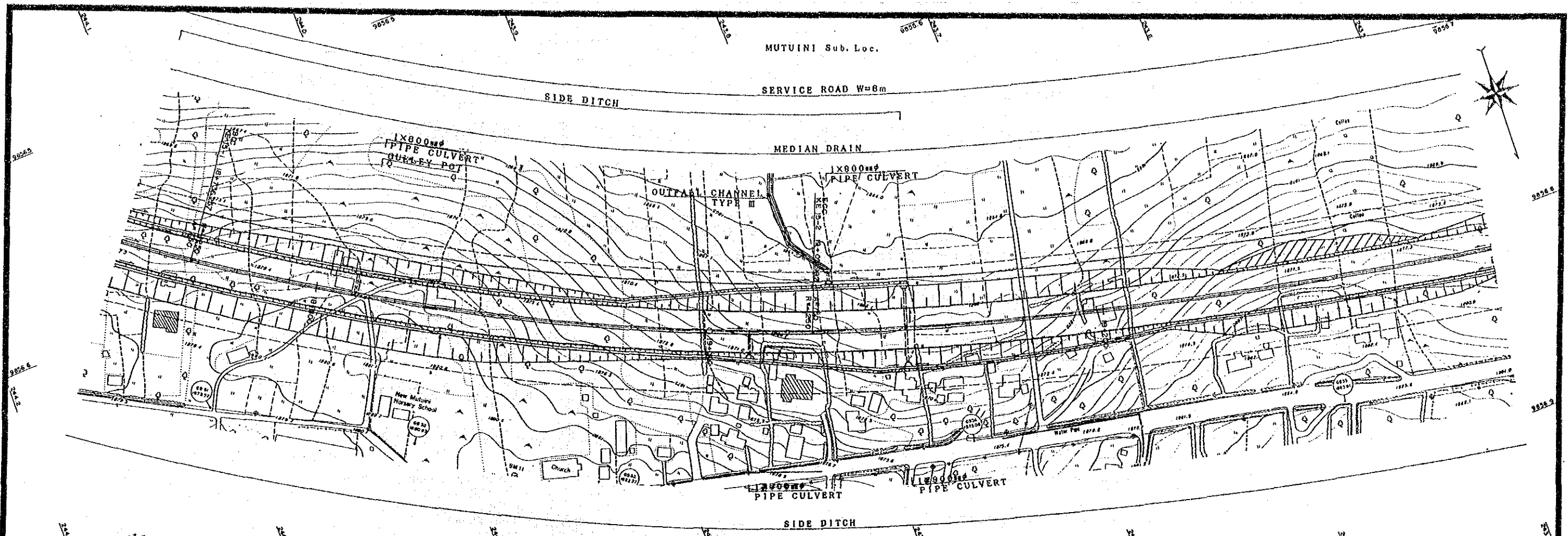
SEN. SUPT. ENG. (DESIGN)  
 SUPT. ENGINEER (DESIGN)  
 PROJECT ENGINEER

SCALES  
 HORIZONTAL 1:1000  
 VERTICAL 1:100

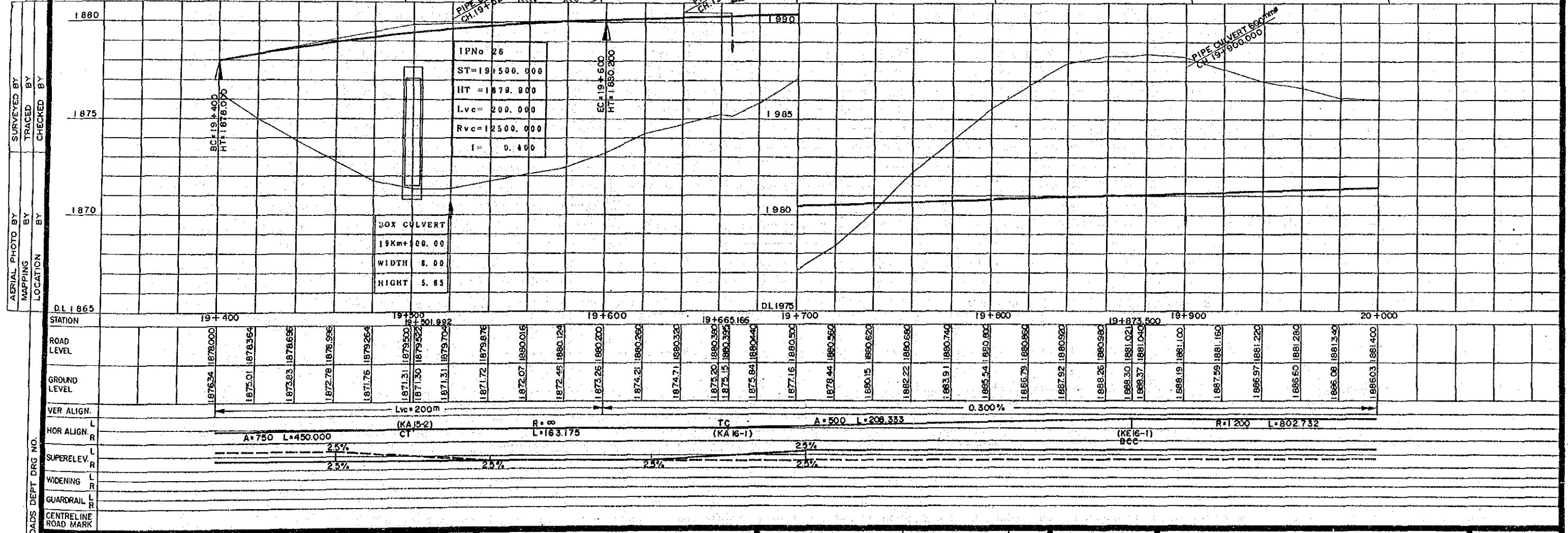
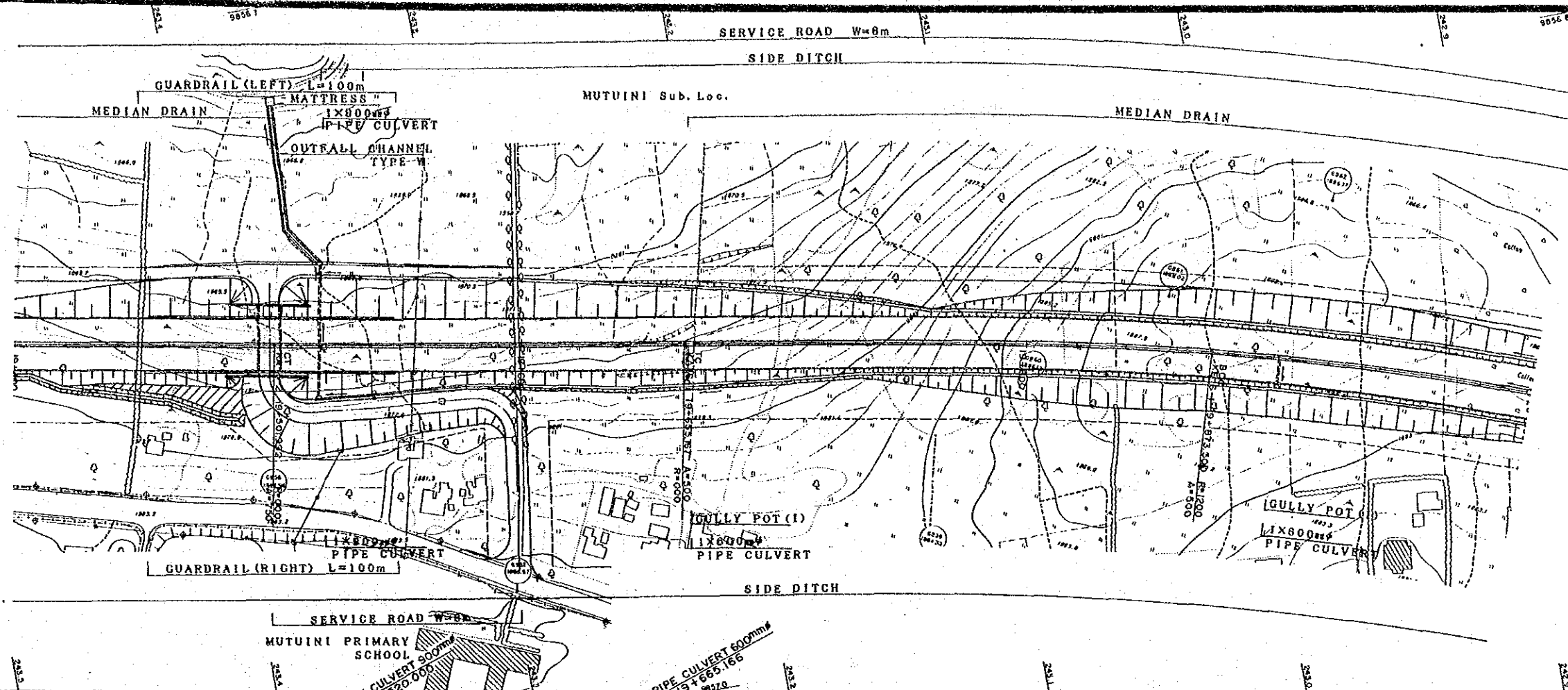
NAIROBI BYPASS  
 PLAN AND PROFILE CH.18<sup>km</sup>+000 TO 18<sup>km</sup>+700

C  
 SHEET 30 OF 50



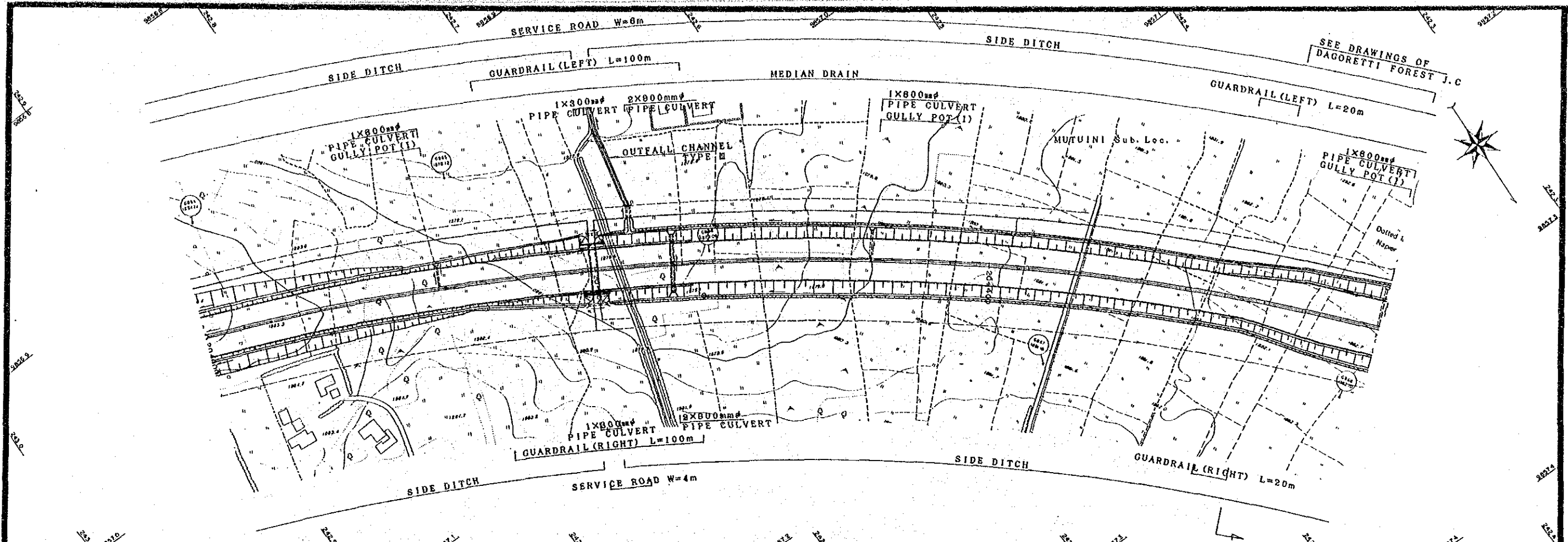


REVISIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)	SEN SUPT. ENG. (DESIGN)	SCALES	NAIROBI BYPASS	C
DESCRIPTION	DATE						
							SHEET 31 OF 50



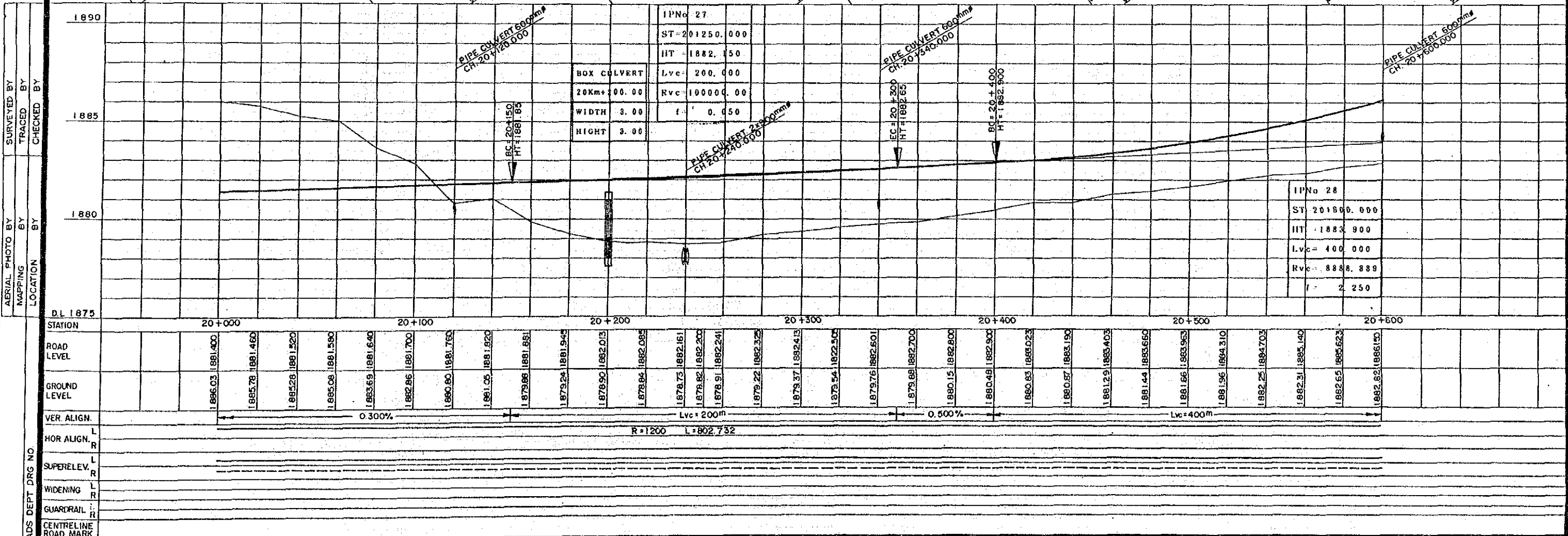
SURVEYED BY  
 TRACED BY  
 CHECKED BY  
 AERIAL PHOTO BY  
 MAPPING BY  
 LOCATION BY

REVISIONS DESCRIPTION    DATE		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES HORIZONTAL 1:1000 VERTICAL 1:100	NAIROBI BYPASS PLAN AND PROFILE CH.19 <sup>km</sup> 4400 TO 20 <sup>km</sup> 4000	C SHEET 32 OF 50
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SEE DRAWINGS OF  
DAGORETTI FOREST J.C

MUTUINI Sub. Loc.



SURVEYED BY  
 MAPPING BY  
 LOCATION BY  
 TRACED BY  
 CHECKED BY  
 AERIAL PHOTO BY  
 DL 1875  
 MOPW ROADS DEPT. DRG NO.

BOX CULVERT  
 20km+200.00  
 WIDTH 3.00  
 HEIGHT 3.00

IPNo 27  
 ST=20125.000  
 HT=1882.150  
 Lvc=200.00  
 Rvc=100000.00  
 I=0.650

IPNo 28  
 ST=20180.000  
 HT=1883.900  
 Lvc=400.000  
 Rvc=8888.889  
 I=2.250

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY  
 CHIEF ENGINEER (ROADS)  
 CHIEF Supt. Eng. (DESIGN)

SEN. Supt. Eng. (DESIGN)  
 Supt. Engineer (DESIGN)  
 PROJECT ENGINEER

SCALES  
 HORIZONTAL 1:1000  
 VERTICAL 1:100

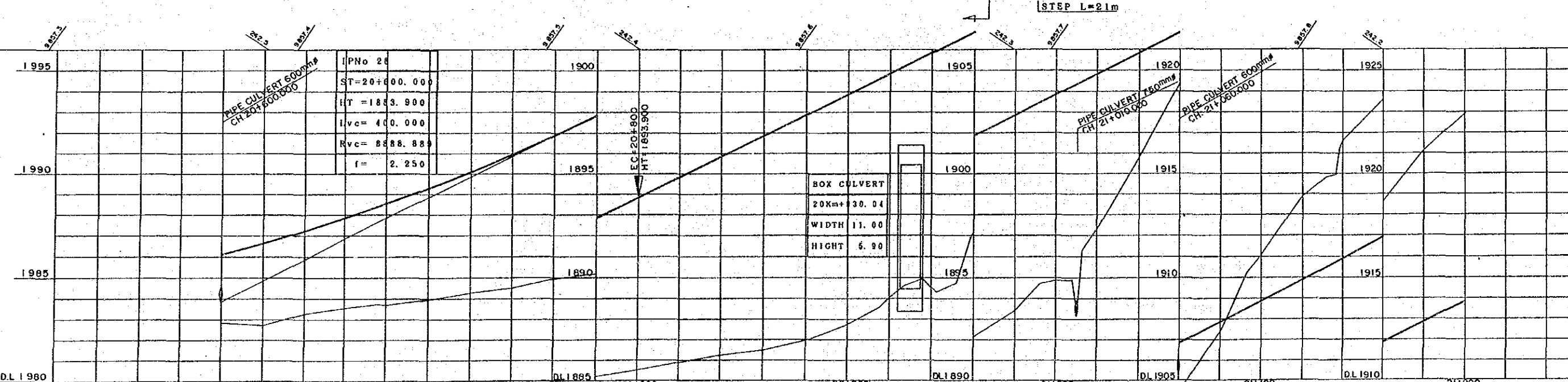
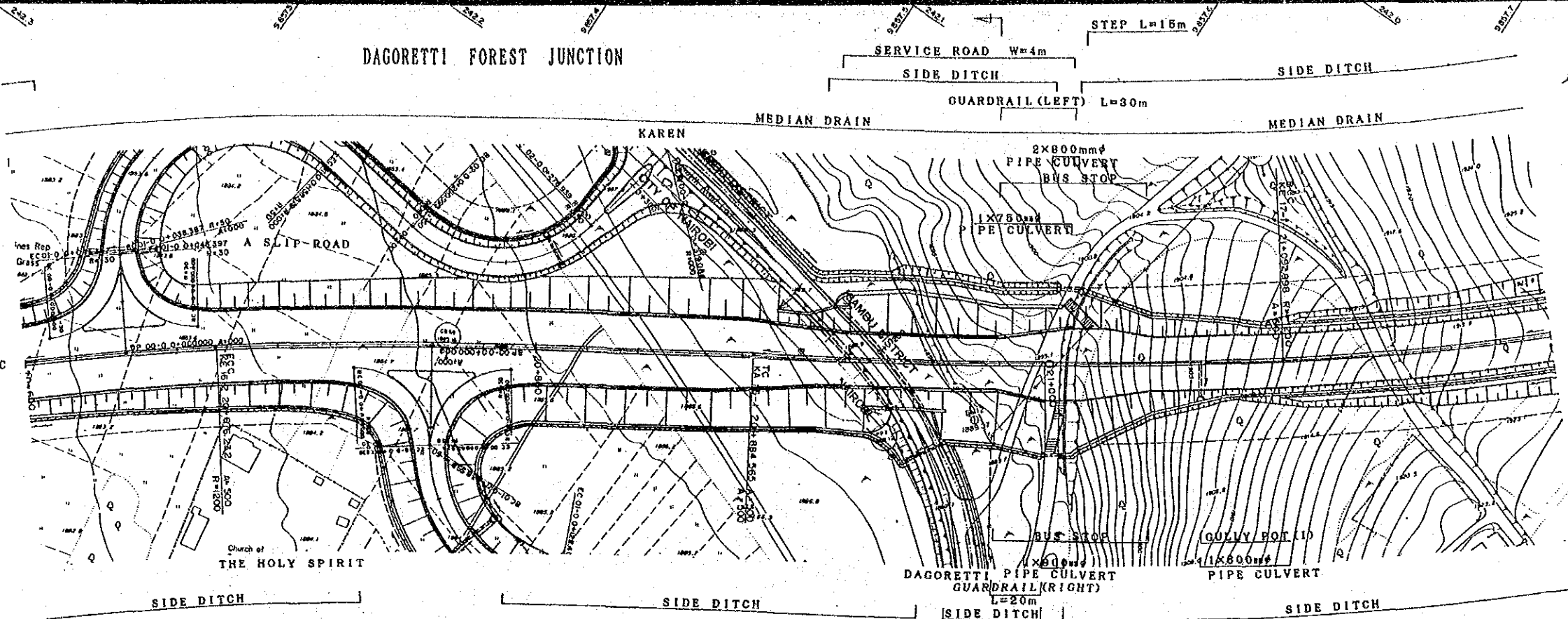
NAIROBI BYPASS  
 PLAN AND PROFILE CH. 20<sup>km</sup>+000 TO 20<sup>km</sup>+600

C  
 SHEET 33 OF 50

DAGORETTI FOREST JUNCTION

NGONG ROAD J. C

THOGOTO J. C

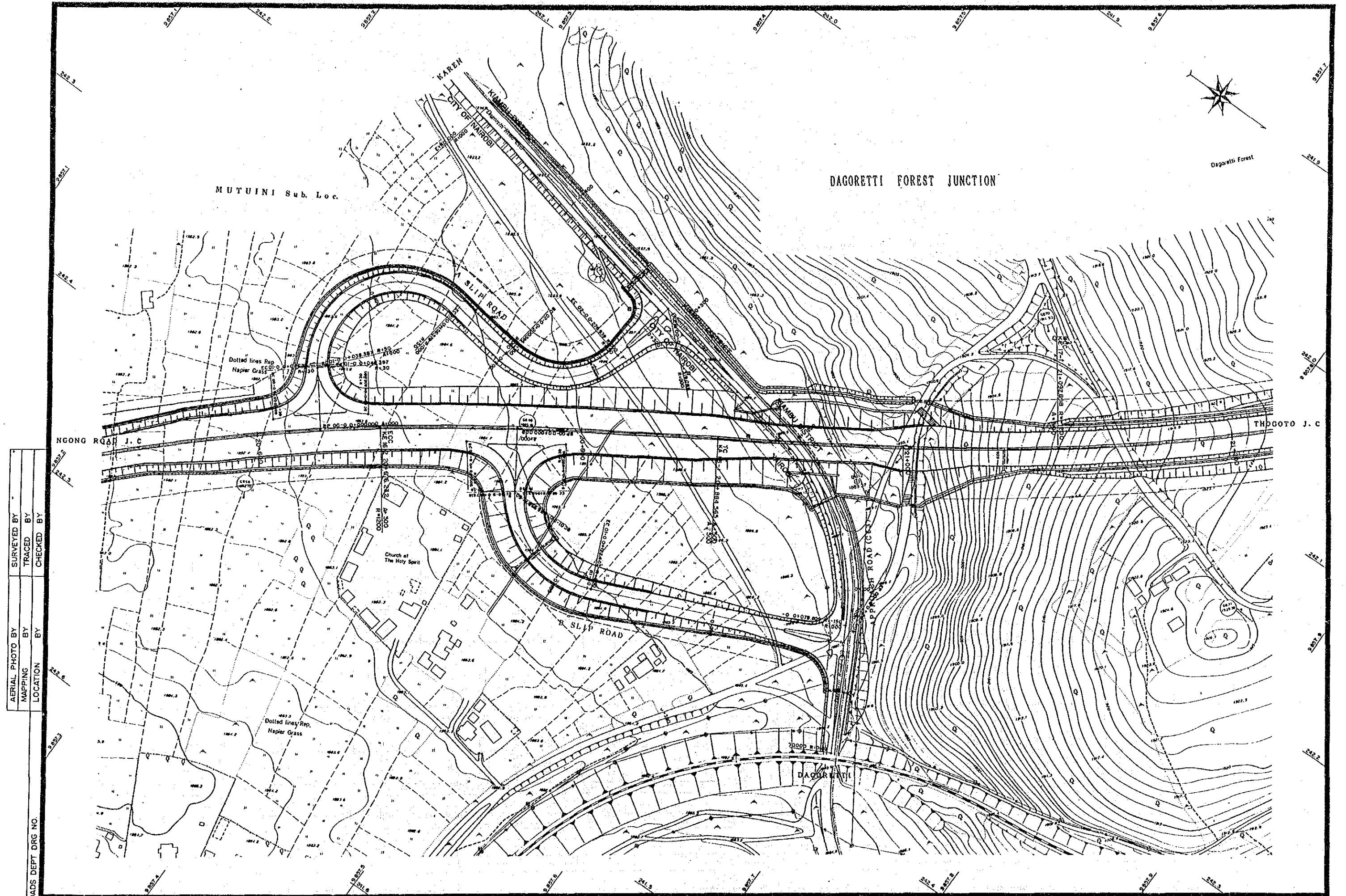


STATION	20+600	20+676.232	20+700	20+800	20+900	21+000	21+100	21+200	
ROAD LEVEL									
GROUND LEVEL	1882.85	1886.72	1887.34	1888.03	1888.75	1888.70	1888.96	1889.27	
VER. ALIGN.	Lvc=400m			A=500 L=208.333			-5.000%		
HOR ALIGN.	R=1200 L=802.732			R=1200 L=802.732			R=1200 L=470.243		
SUPERELEV.	2.5%			2.5%			2.5%		
WIDENING									
GUARDRAIL									
CENTRELINE ROAD MARK									

SURVEYED BY  
 MAPPING BY  
 LOCATION BY  
 CHECKED BY  
 AERIAL PHOTO BY  
 MOPW ROADS DEPT DRG NO.

<table border="1"> <tr> <th>REVISIONS</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	REVISIONS	DESCRIPTION	DATE				JAPAN INTERNATIONAL COOPERATION AGENCY CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN. SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES HORIZONTAL 1:1000 VERTICAL 1:100	NAIROBI BYPASS PLAN AND PROFILE CH. 20+600 TO 21+200	C SHEET 34 OF 50
REVISIONS	DESCRIPTION	DATE									

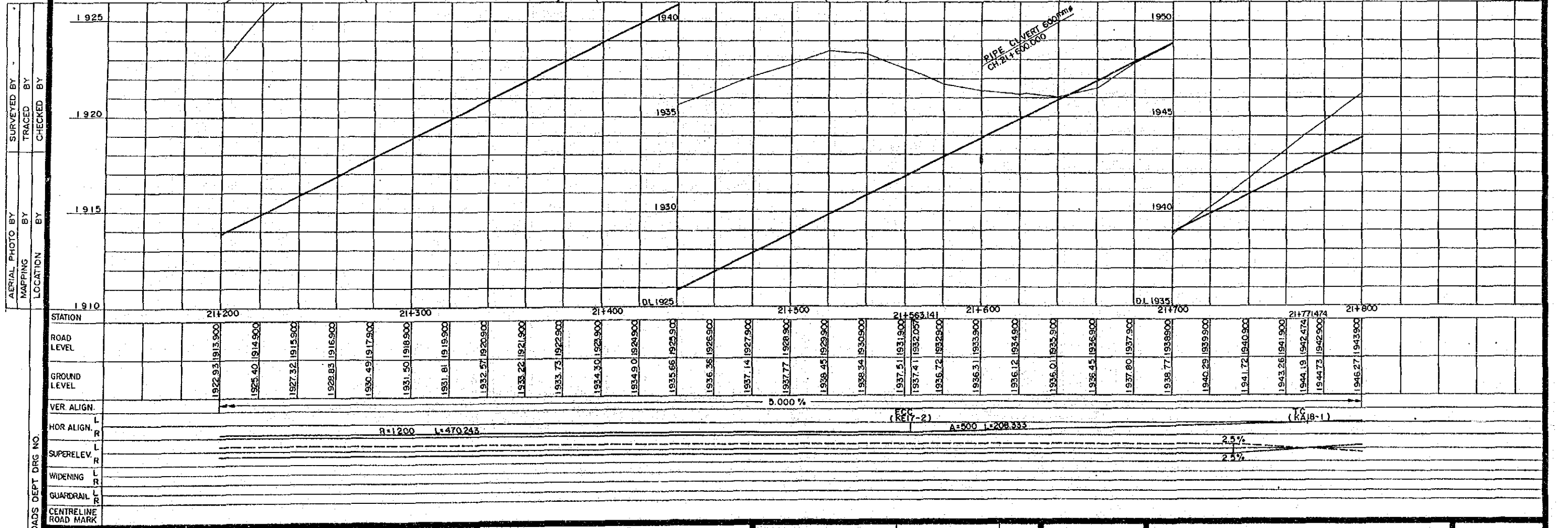
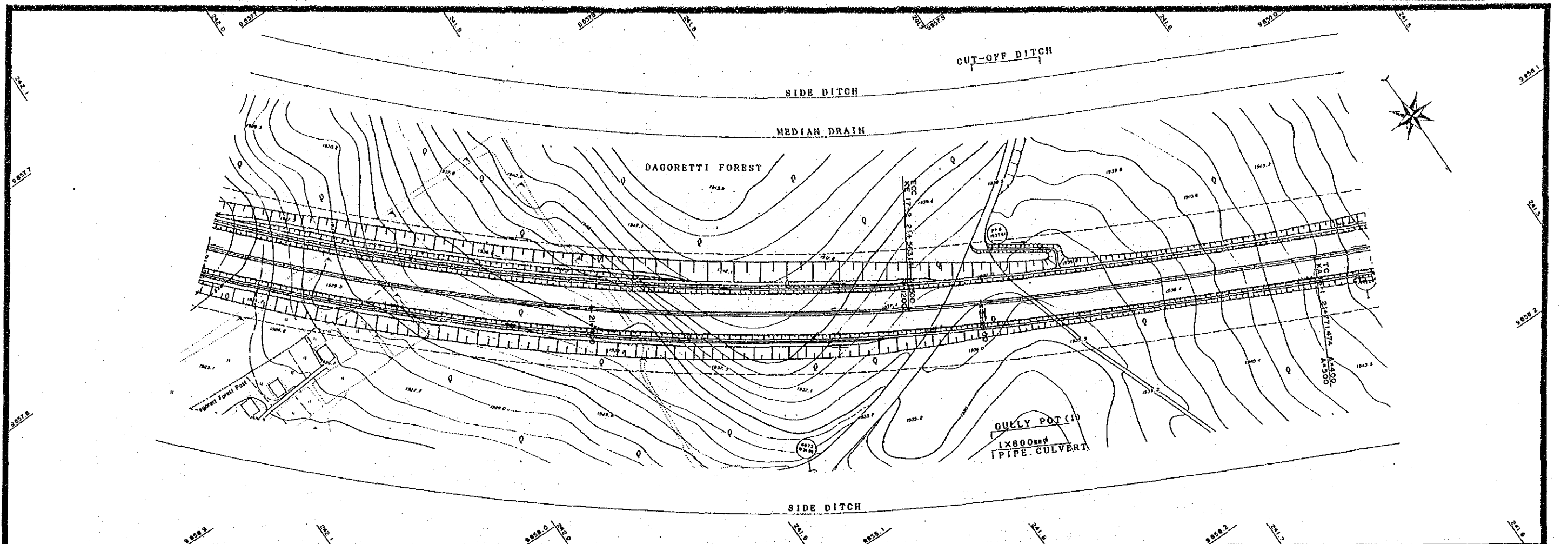




AERIAL PHOTO BY \_\_\_\_\_ SURVEYED BY \_\_\_\_\_  
 MAPPING BY \_\_\_\_\_ TRACED BY \_\_\_\_\_  
 LOCATION BY \_\_\_\_\_ CHECKED BY \_\_\_\_\_

M.O.P.W. ROADS DEPT. DRG. NO. \_\_\_\_\_

REVISIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)	SEN. SUPT. ENG. (DESIGN)	SCALES	NAIROBI BYPASS DAGORETTI FOREST JUNCTION PLAN	C
DESCRIPTION	DATE						



MOPW ROADS DEPT DRG NO.	AERIAL PHOTO BY		SURVEYED BY		TRACED BY		CHECKED BY		
	MAPPING		BY		BY		BY		
LOCATION		BY		BY		BY		BY	
STATION	21+200	21+300	21+400	21+500	21+600	21+700	21+800		
ROAD LEVEL	1922.93	1913.90	1925.40	1914.90	1927.32	1915.90	1928.83	1916.90	1930.49
GROUND LEVEL	1931.50	1918.90	1931.81	1919.90	1932.57	1920.90	1933.22	1921.90	1933.73
VER. ALIGN.	0.000%								
HOR. ALIGN.	R=1200 L=470.243				A=500 L=208.333				
SUPERELEV.	2.5%								
WIDENING	2.5%								
GUARDRAIL									
CENTRELINE ROAD MARK									

REVISIONS	
DESCRIPTION	DATE

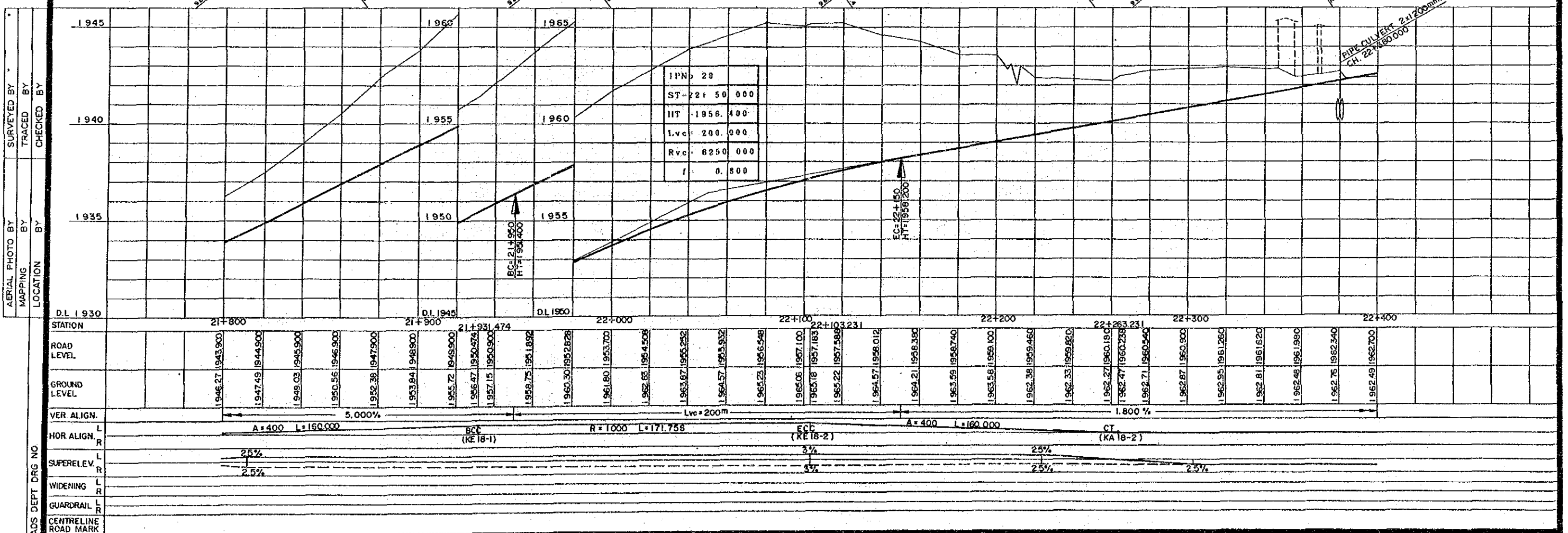
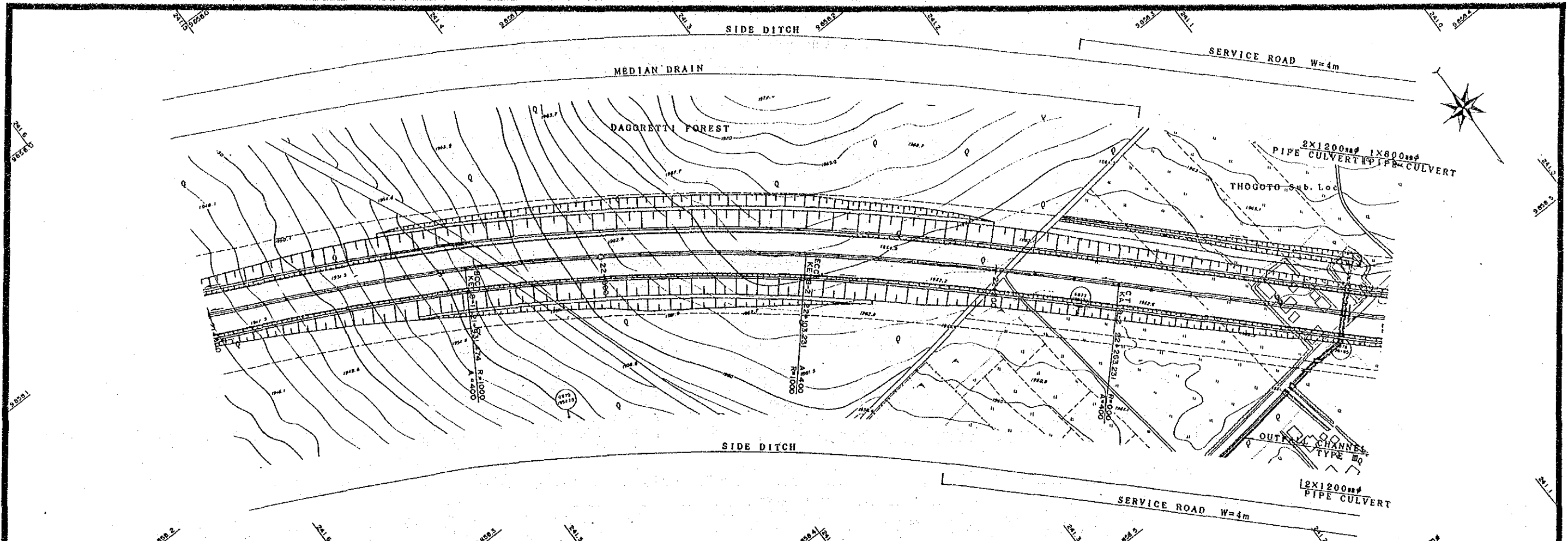
JAPAN INTERNATIONAL COOPERATION AGENCY  
 CHIEF ENGINEER (ROADS)  
 CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)  
 SUPT. ENGINEER (DESIGN)  
 PROJECT ENGINEER

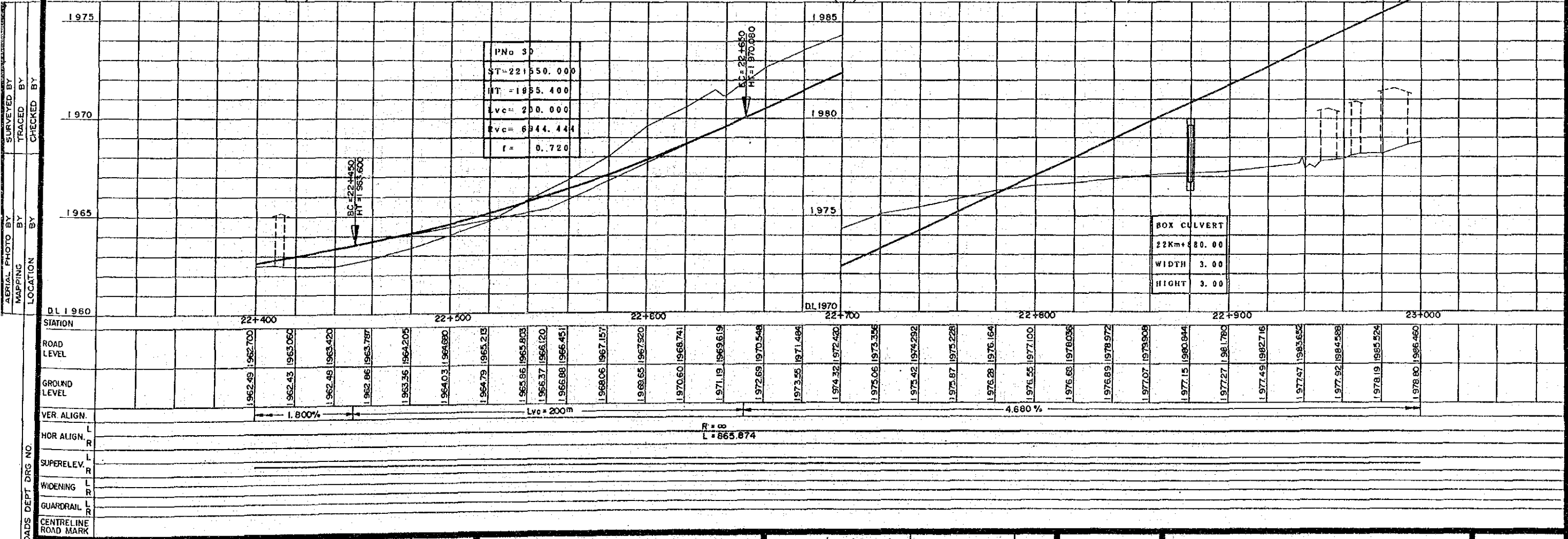
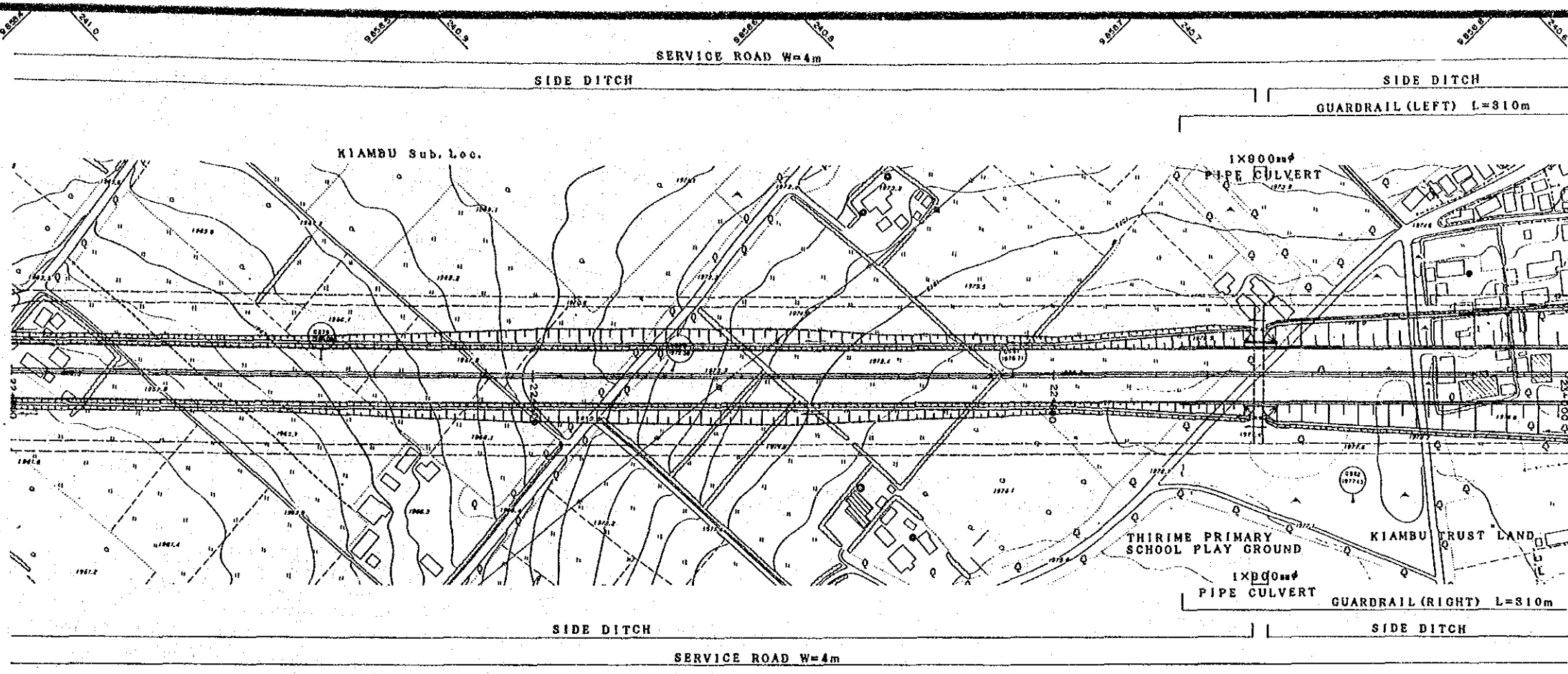
SCALES  
 HORIZONTAL 1:1000  
 VERTICAL 1:100

NAIROBI BYPASS  
 PLAN AND PROFILE CH. 21km+200 TO 21km+800

C  
 SHEET 36 OF 50



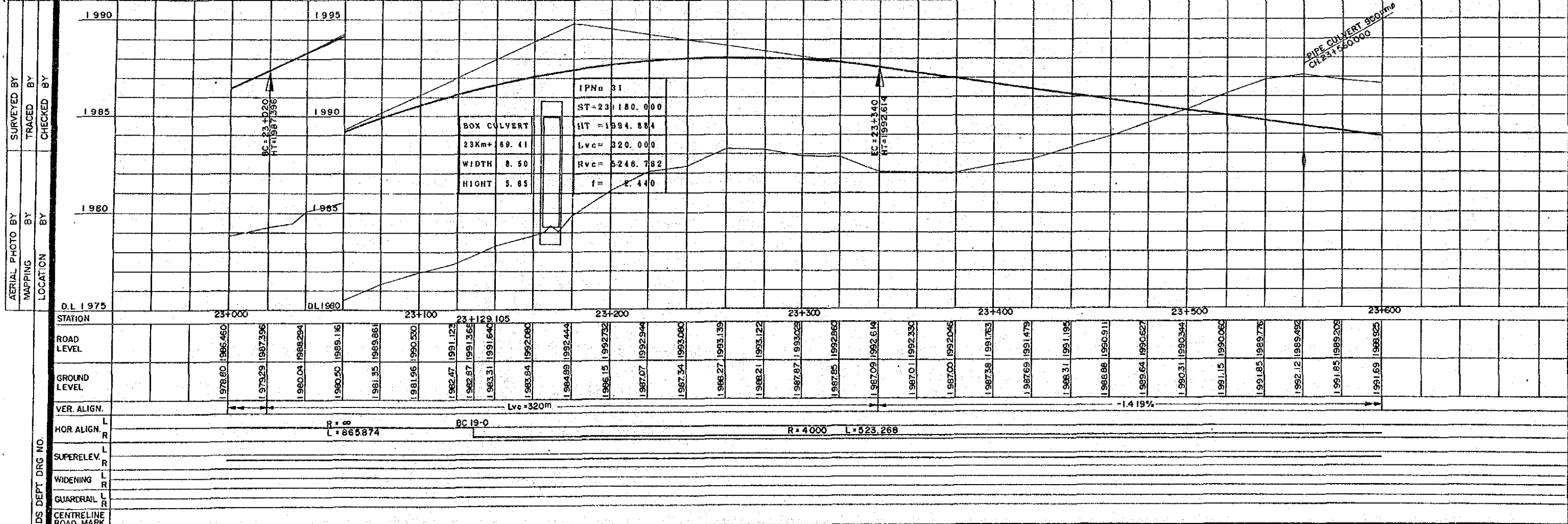
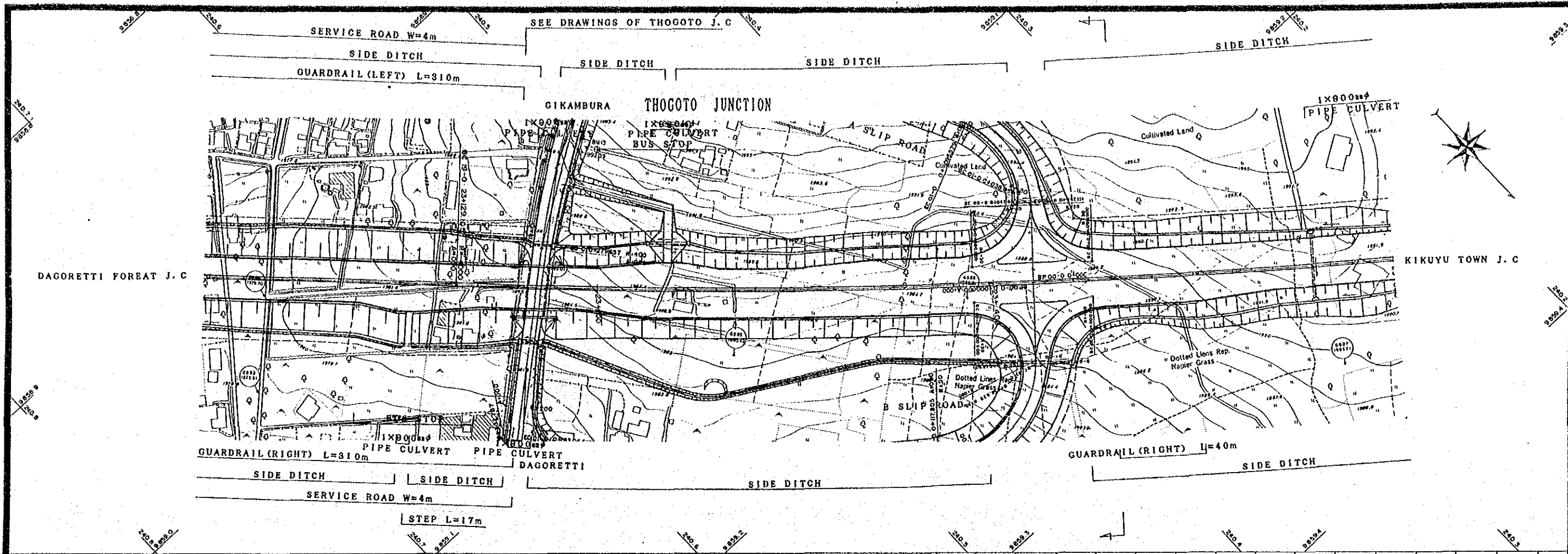
M.O.P.W. ROADS DEPT DRG NO	REVISIONS	JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)	SEN. SUPT. ENG. (DESIGN)	SCALES	NAIROBI BYPASS	C	
	DESCRIPTION							DATE



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 TRACED BY  
 CHECKED BY  
 AERIAL PHOTO BY  
 MAPPING BY  
 LOCATION BY

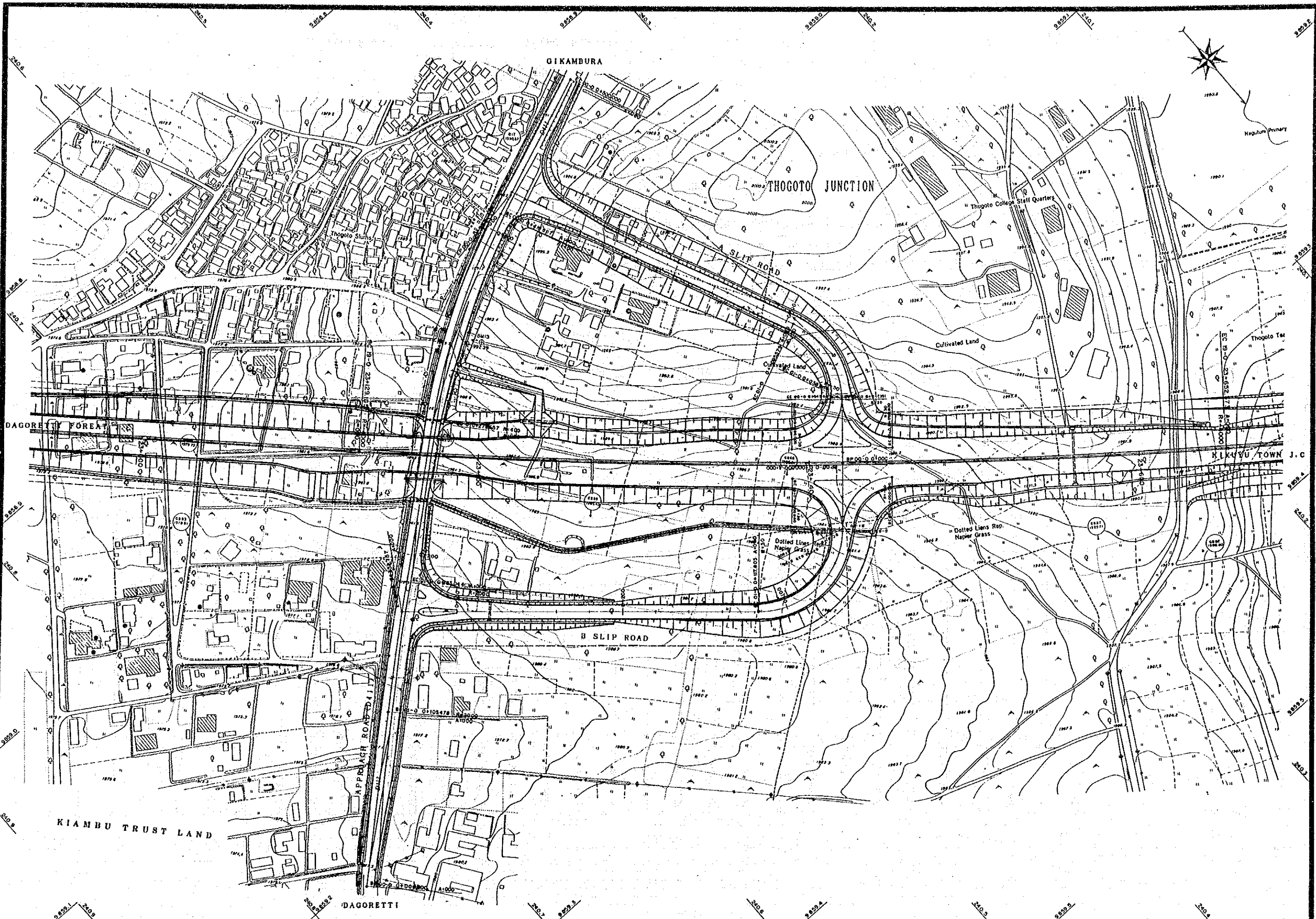
<b>REVISIONS</b> DESCRIPTION    DATE		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	<b>SCALES</b> HORIZONTAL 1:1000 VERTICAL 1:100	<b>NAIROBI BYPASS</b> PLAN AND PROFILE CH. 22 <sup>km</sup> 1400 TO 23 <sup>km</sup> 1000	<b>C</b> SHEET 380F50
M.O.P.W. ROADS DEPT. DRG. NO.							





SURVEYED BY  
 MAPPING BY  
 LOCATION BY  
 AERIAL PHOTO BY  
 TRACED BY  
 CHECKED BY  
 M.O.P.W. ROADS DEPT. DRG. NO.

REVISIONS DESCRIPTION      DATE		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN. SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES HORIZONTAL 1:1000 VERTICAL 1:100	NAIROBI BYPASS PLAN AND PROFILE CH. 23 <sup>km</sup> +000 TO 23 <sup>km</sup> +600	C SHEET 39 OF 50
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 TRACED BY  
 MAPPING BY  
 LOCATION BY  
 CHECKED BY

M.O.P.W. ROADS DEPT DRG NO.

REVISIONS	
DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)
	CHIEF SUPT. ENG. (DESIGN)

SEN. SUPT. ENG. (DESIGN)	
SUPT. ENGINEER (DESIGN)	
PROJECT ENGINEER	

SCALES  
 1:1000

NAIROBI BYPASS  
 THOGOTO JUNCTION PLAN

C  
 SHEET 400F50