

SEE DRAWINGS OF
UHURU MONUMENT J. C

SERVICE ROAD W=4m

SIDE DITCH

SIDE DITCH

MEDIAN DRAIN

GUARDRAIL (CENTER) L=880M

2x800mm^φ PIPE CULVERT
1x800mm^φ PIPE CULVERT
GULLY POT (I)

800mm^φ PIPE CULVERT
BUS STOP

1x800mm^φ PIPE CULVERT
GULLY POT (I)

OUTFALL CHANNEL
TYPE II

BUS STOP

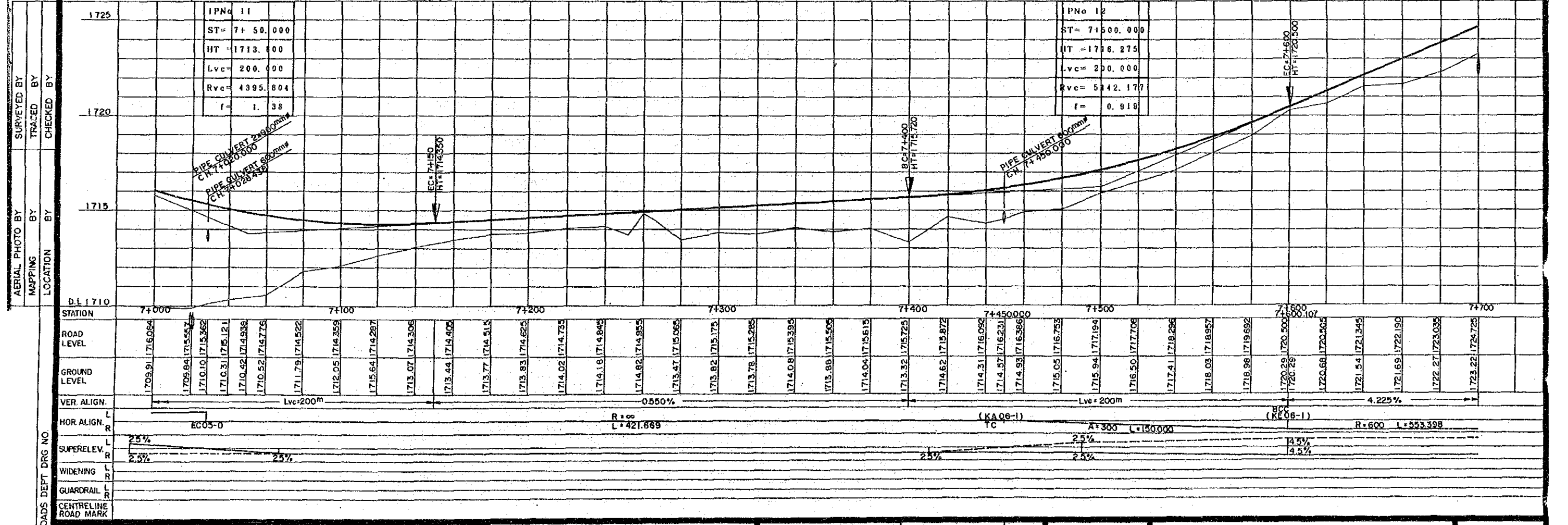
2x800mm^φ PIPE CULVERT

SIDE DITCH

SIDE DITCH

SERVICE ROAD W=4m

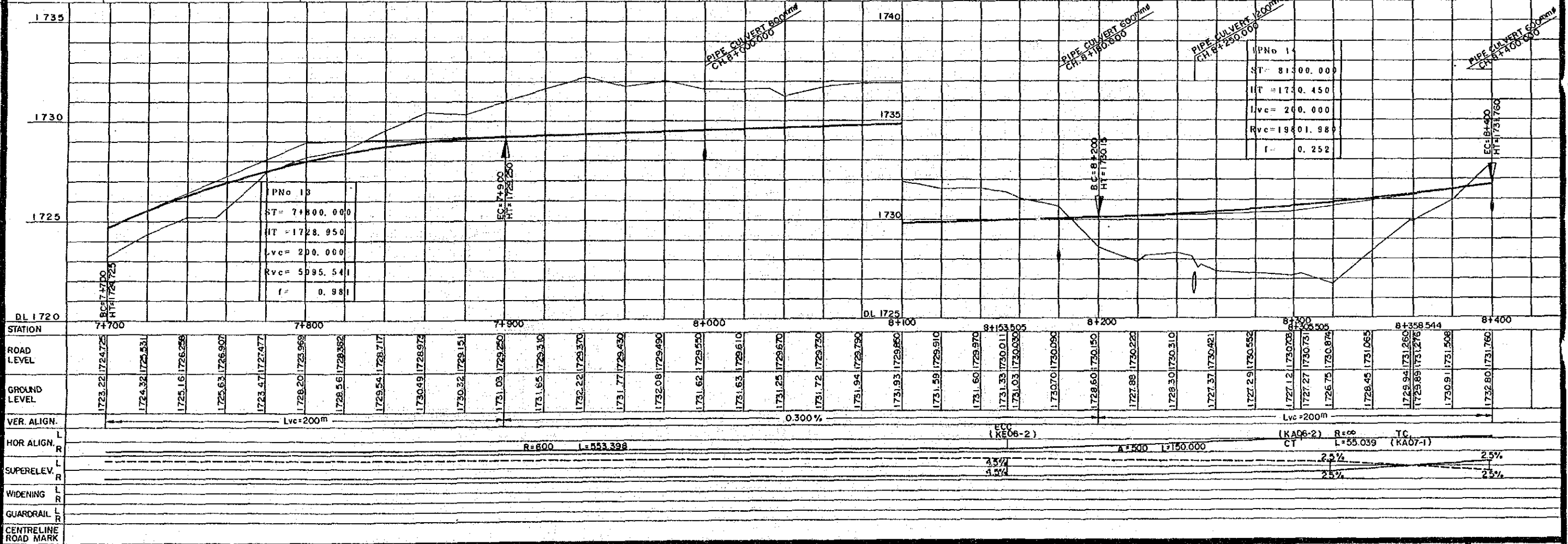
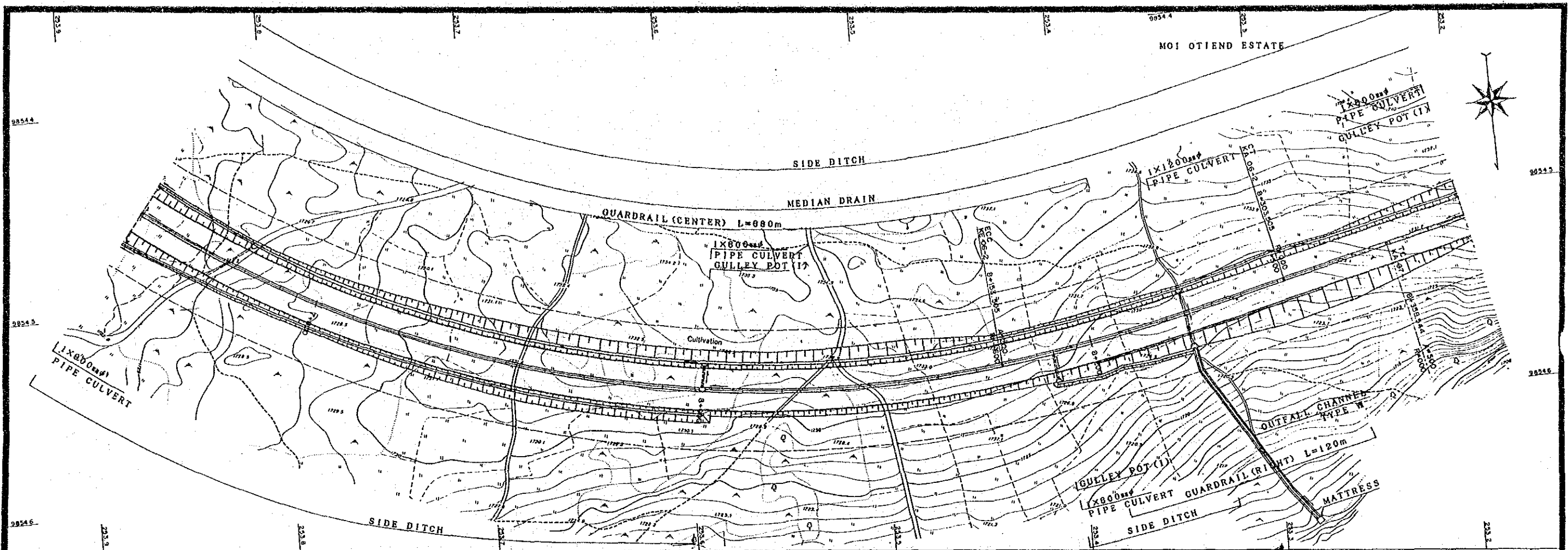
1x800mm^φ PIPE CULVERT
CH. 7+700.000



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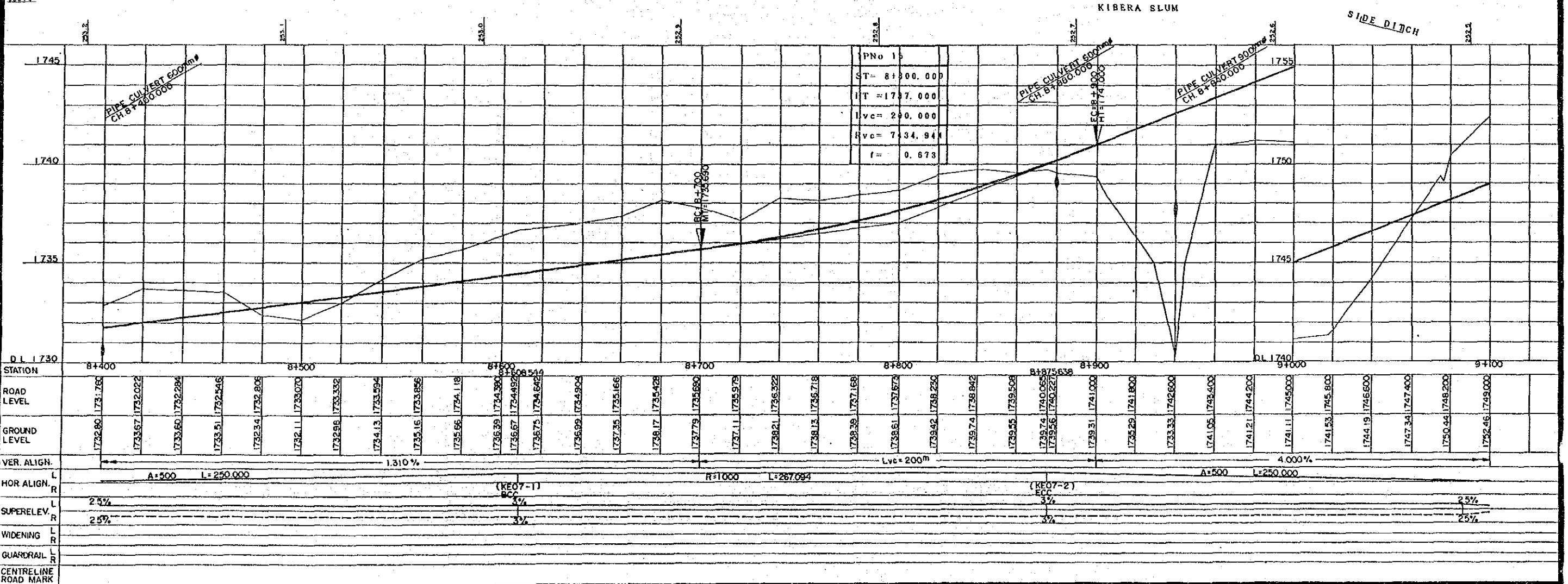
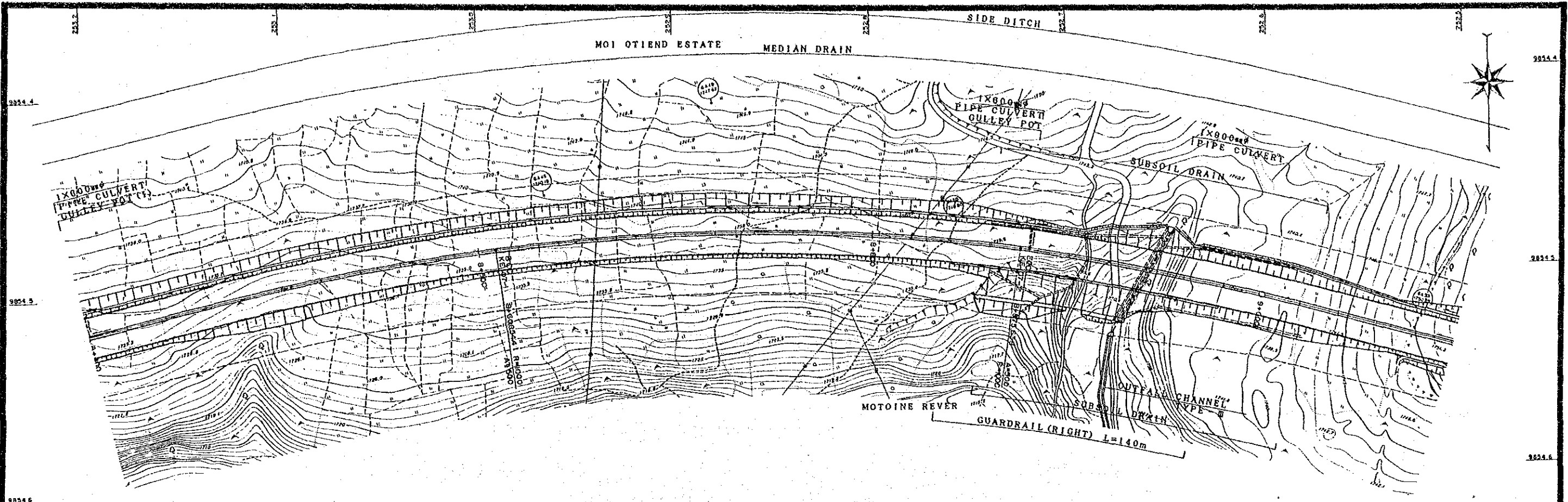
STATION	7+000	7+100	7+200	7+300	7+400	7+500.000	7+500	7+600	7+700																																						
ROAD LEVEL	1709.91	1709.84	1710.10	1710.31	1710.42	1710.52	1711.79	1712.05	1715.64	1713.07	1713.44	1713.77	1713.83	1714.02	1714.18	1714.82	1713.47	1713.82	1713.78	1714.08	1713.88	1714.04	1713.32	1714.62	1714.31	1714.57	1714.93	1715.05	1715.94	1716.50	1717.08	1717.41	1718.28	1718.98	1719.69	1720.29	1720.66	1721.54	1721.69	1722.27	1723.22						
GROUND LEVEL	1716.084	1715.557	1715.362	1715.121	1714.958	1714.776	1714.522	1714.359	1714.287	1714.306	1714.406	1714.515	1714.625	1714.735	1714.845	1714.955	1715.065	1715.175	1715.285	1715.395	1715.505	1715.615	1715.725	1715.835	1715.945	1716.055	1716.165	1716.275	1716.385	1716.495	1716.605	1716.715	1716.825	1716.935	1717.045	1717.155	1717.265	1717.375	1717.485	1717.595	1717.705	1717.815	1717.925	1718.035	1718.145	1718.255	1718.365
VER. ALIGN.	Lvc=200m										0.550%										Lvc=200m										4.225%																
HOR. ALIGN.	EC05-0										R=421.669										(KA06-1)										(KE06-1)																
SUPERELEV.	2.5%										2.5%										2.5%										2.5%																
WIDENING	2.5%										2.5%										2.5%										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. 7+000 TO 7+700	C SHEET 13 OF 50
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AERIAL PHOTO BY SURVEYED BY
 MAPPING BY TRACED BY
 LOCATION BY CHECKED BY
 MOPW ROADS DEPT DRG NO.

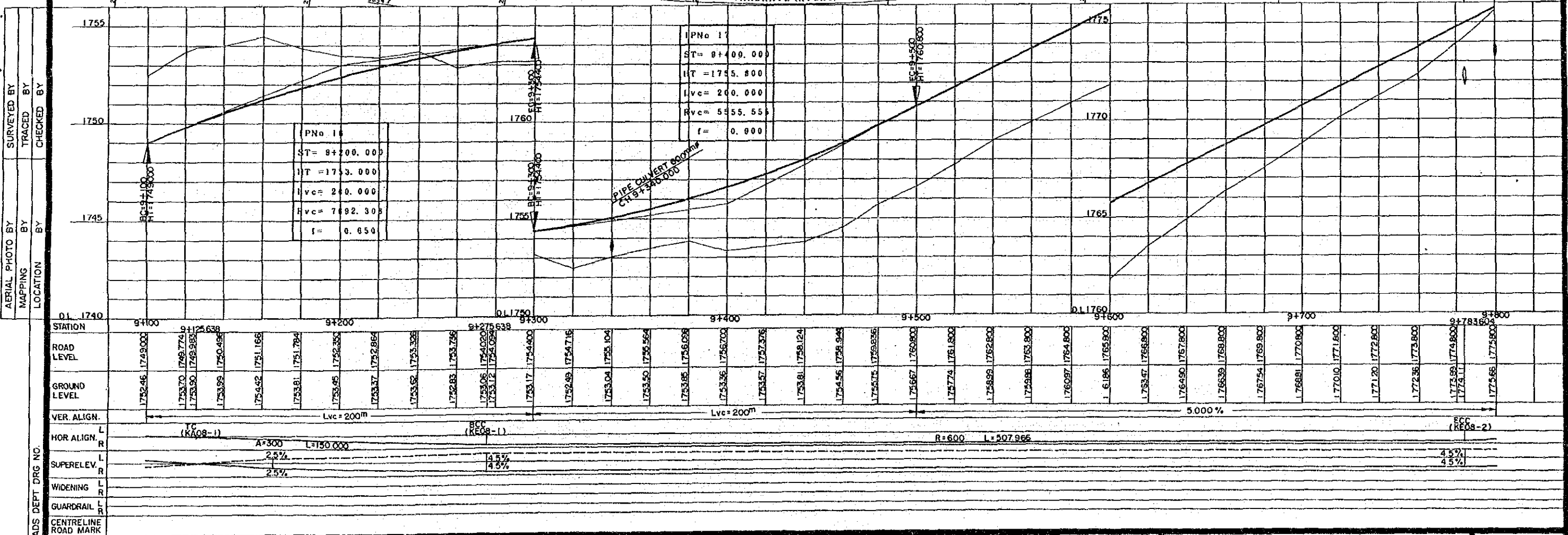
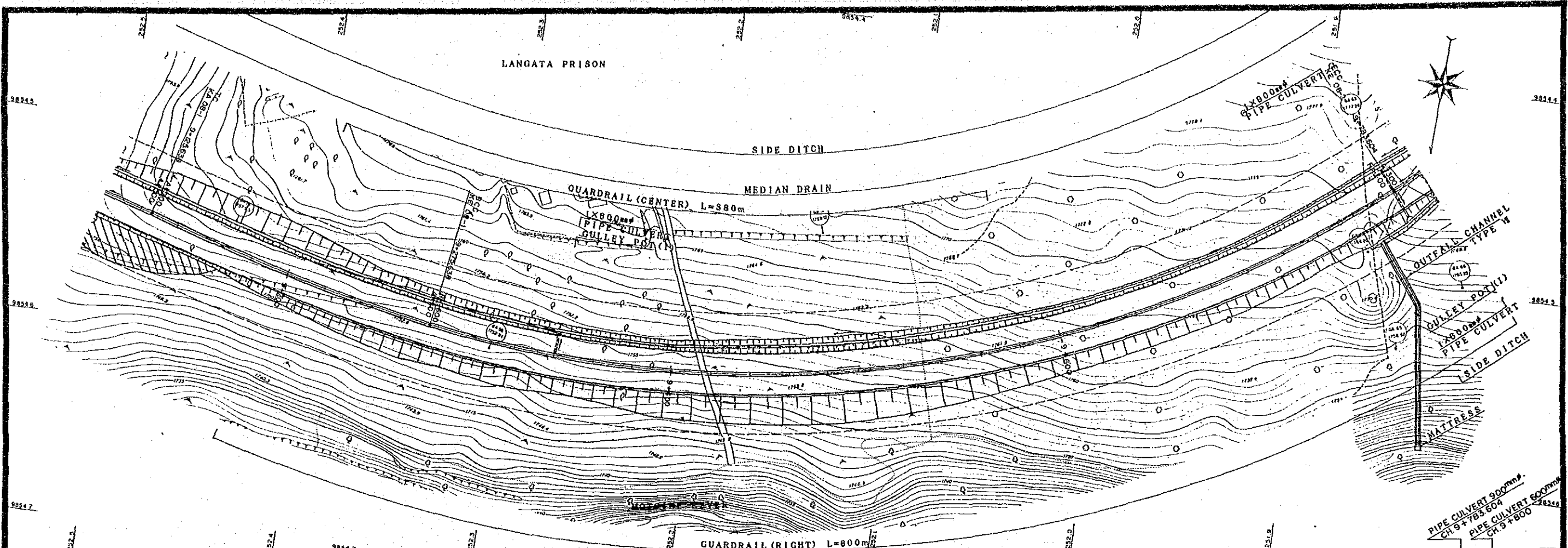
REVISIONS DESCRIPTION DATE		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES HORIZONTAL 1:1000 VERTICAL 1:100	NAIROBI BYPASS PLAN AND PROFILE CH. 7 ^{km} +700 TO 8 ^{km} +400	C SHEET 14 OF 50
(Empty for revisions)							



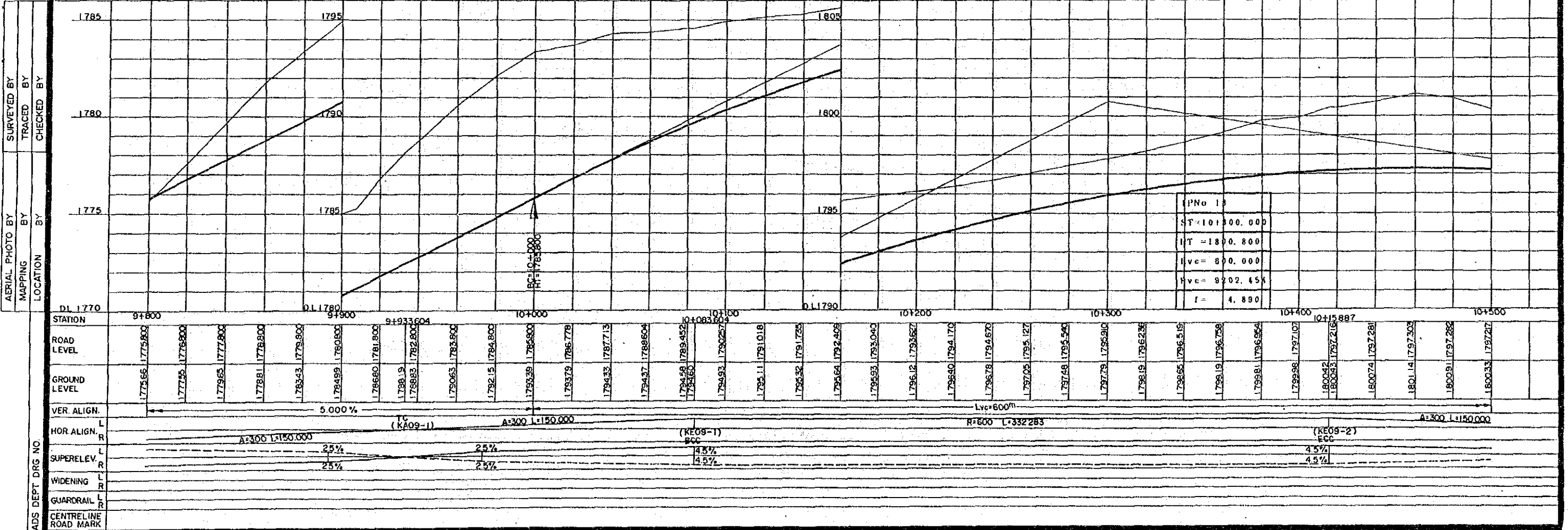
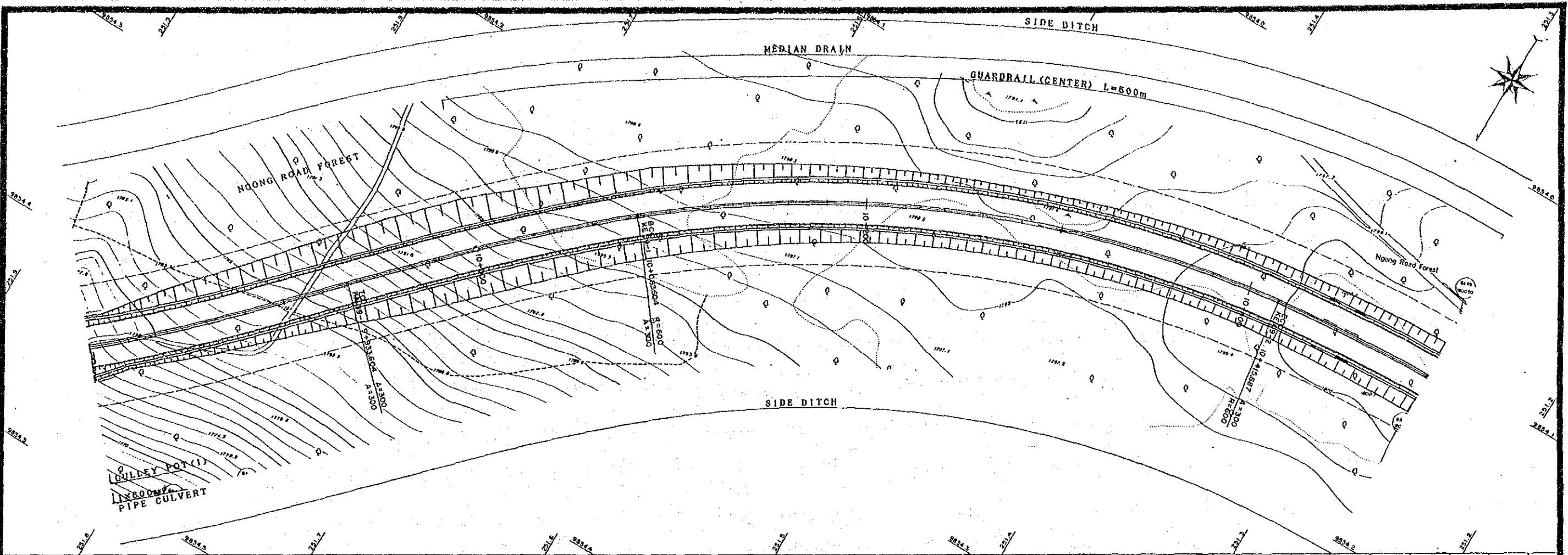
REVISIONS	DESCRIPTION	DATE

JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)	SEN. SUPT. ENG. (DESIGN)	SCALES	NAIROBI BYPASS	C
	CHIEF SUPT. ENG. (DESIGN)	SUPT. ENGINEER (DESIGN)	HORIZONTAL 1:1000 VERTICAL 1:100	PLAN AND PROFILE CH. 8 ^{km} +400 TO 9 ^{km} +100	

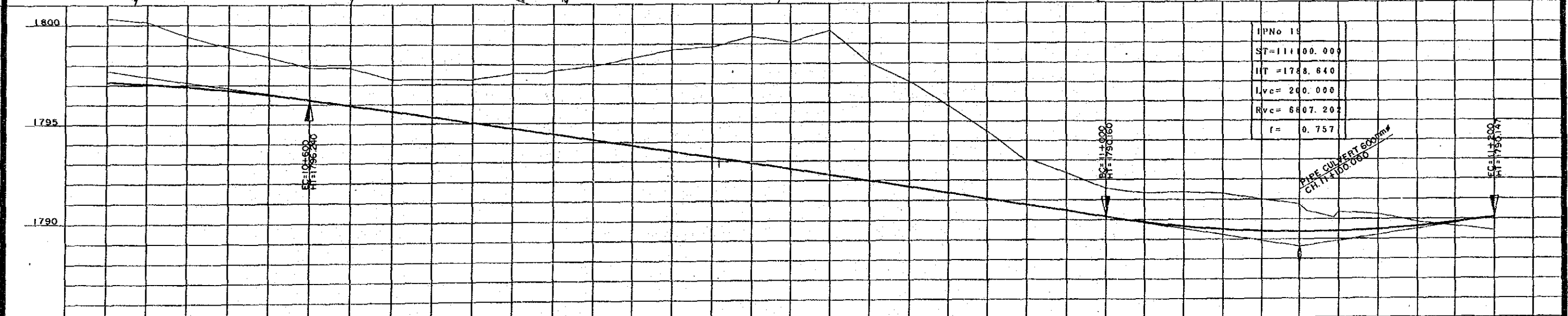
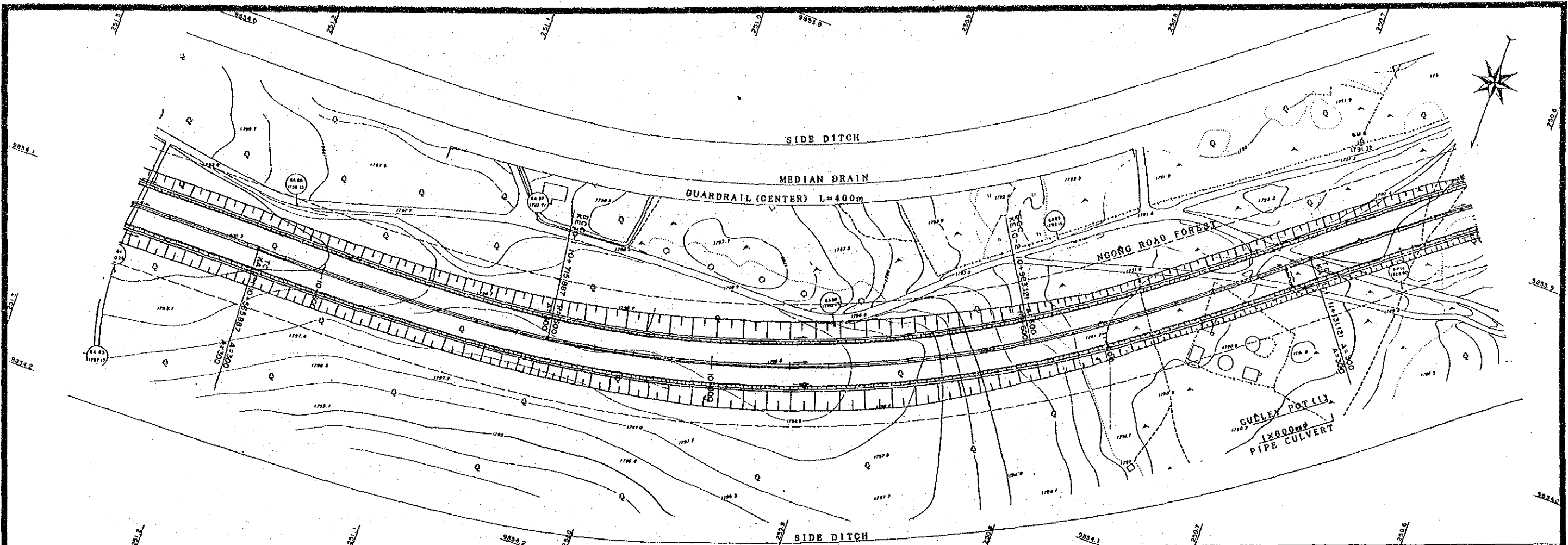
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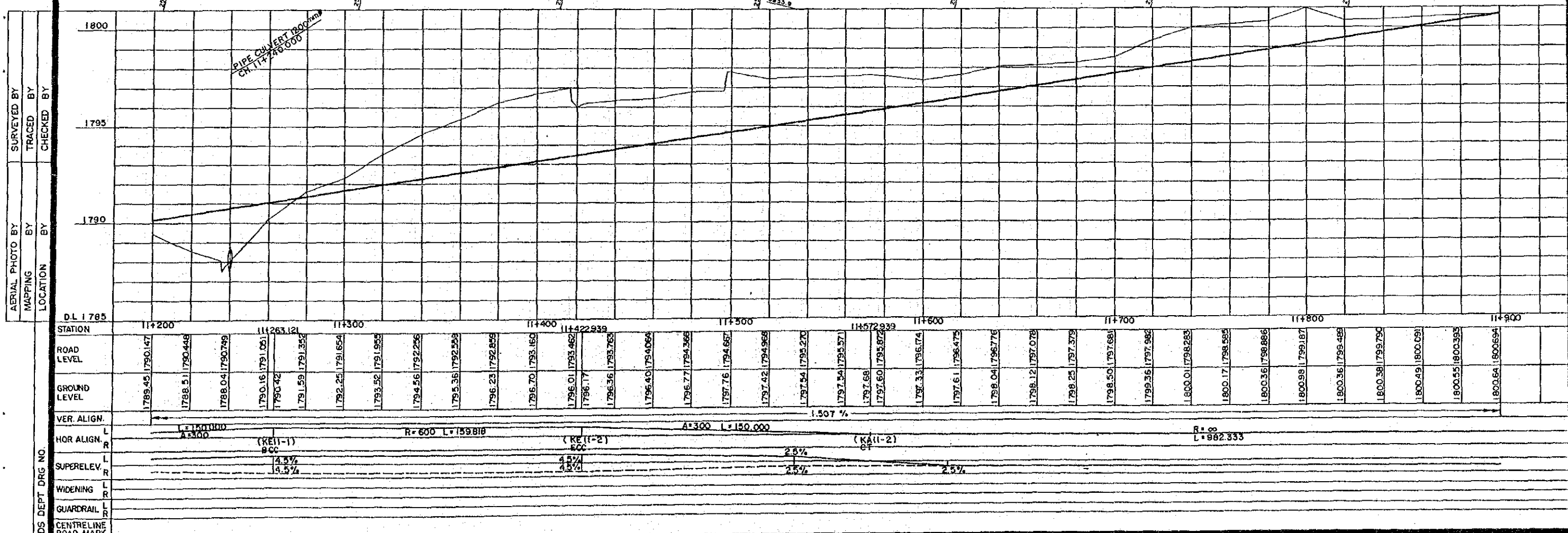
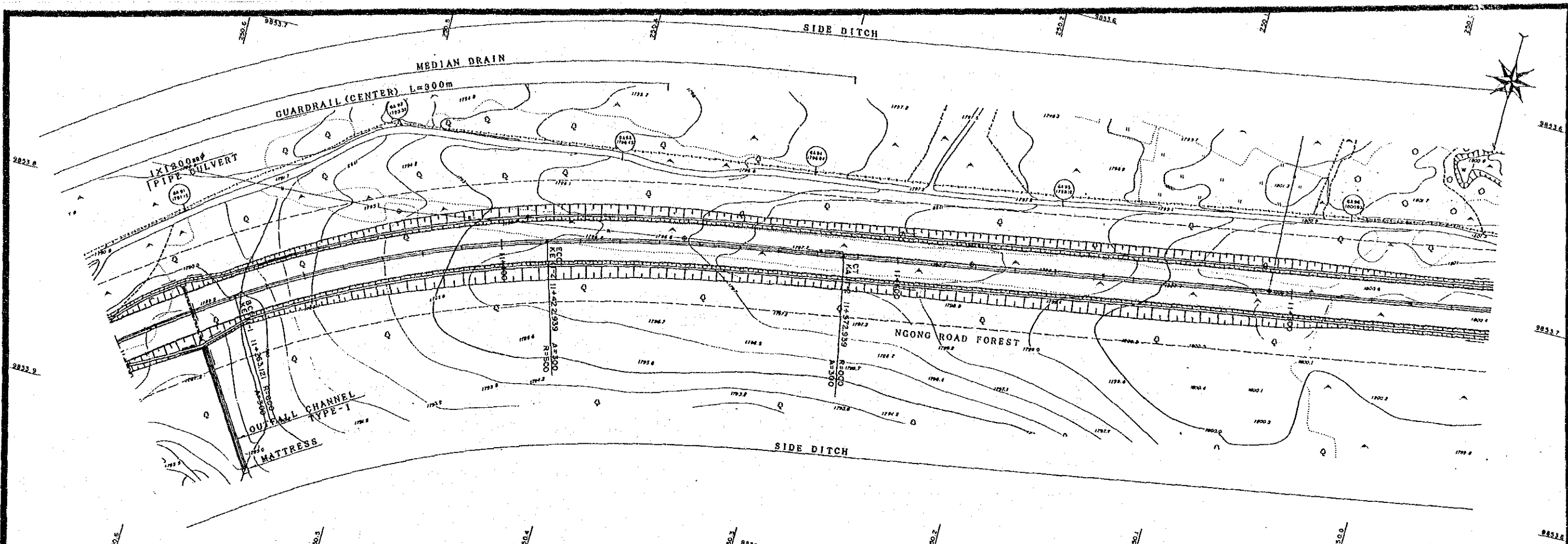
REVISIONS		JAPAN INTERNATIONAL COOPERATION AGENCY	CHIEF ENGINEER (ROADS)	SEN. SUPT. ENG. (DESIGN)	SCALES:	NAIROBI BYPASS	C
DESCRIPTION	DATE						



STATION	10+500	10+565.887	10+600	10+700	10+718.887	10+800	10+900	10+963.121	11+000	11+100	11+113.121	11+200
ROAD LEVEL	1797.27	1796.95	1796.76	1795.93	1794.11	1793.85	1792.89	1791.99	1791.58	1789.88	1789.42	1789.14
GROUND LEVEL	1800.33	1799.11	1798.73	1797.82	1797.53	1797.25	1796.65	1795.98	1795.39	1794.74	1794.20	1793.45
VER. ALIGN.	Lvc=600m		-1.520%		Rvc=200m							
HOR. ALIGN.	A=300 L=150.000 TC (KA10-1)		A=300 L=150.000		R=600 L=247.234		(KE10-2)		A=300 L=150.000 TC (KA11-1)		A=300 R=150.000	
SUPERELEV.	2.5%		2.5%		4.5%		4.5%		2.5%		2.5%	
WIDENING	L R		L R		L R		L R		L R		L R	
GUARDRAIL	L R		L R		L R		L R		L R		L R	
CENTRELINE ROAD MARK	L R		L R		L R		L R		L R		L R	

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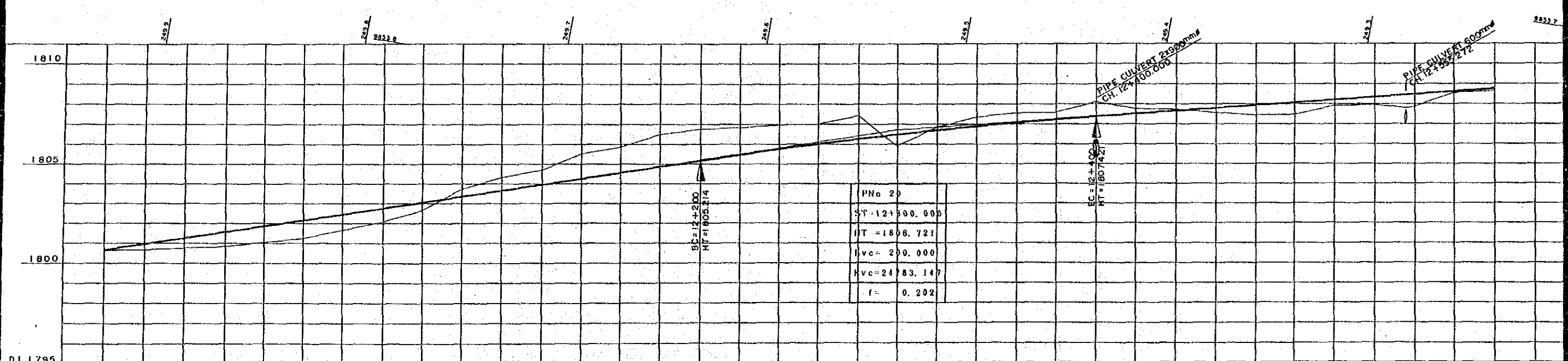
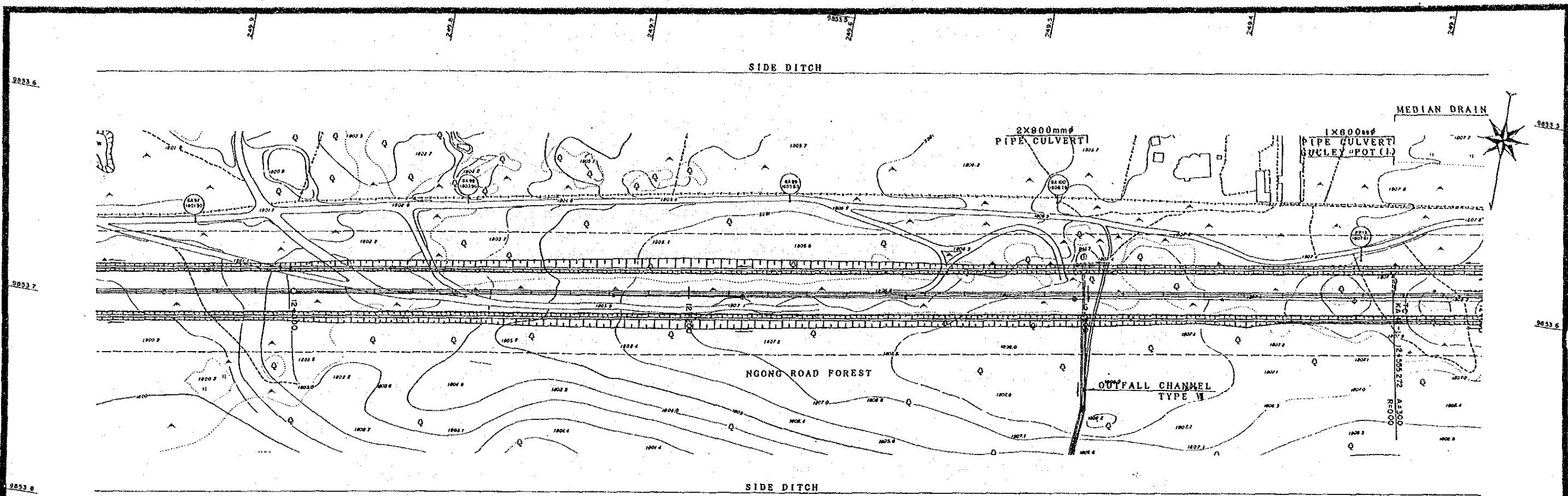
<table border="1"> <tr><th>REVISIONS</th><th>DESCRIPTION</th><th>DATE</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table>	REVISIONS	DESCRIPTION	DATE				JAPAN INTERNATIONAL COOPERATION AGENCY CHIEF ENGINEER (ROADS) CHIEF SUPT. ENG. (DESIGN)	SEN. SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES HORIZONTAL 1:1000 VERTICAL 1:100	NAIROBI BYPASS PLAN AND PROFILE CH. 10 ^{km} +500 TO 11 ^{km} +200	C SHEET 18 OF 50
REVISIONS	DESCRIPTION	DATE									



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STATION	11+200	11+263.121	11+300	11+400	11+422.939	11+500	11+572.939	11+600	11+700	11+800	11+900																																																															
ROAD LEVEL																																																																										
GROUND LEVEL	1789.45	1790.47	1788.51	1790.448	1788.04	1790.749	1790.16	1791.05	1790.42	1791.59	1791.355	1792.25	1791.654	1793.52	1791.955	1794.56	1792.256	1795.36	1792.559	1796.23	1792.859	1796.70	1793.160	1796.01	1793.462	1796.17	1796.36	1793.763	1796.40	1794.064	1796.77	1794.366	1797.16	1794.667	1797.42	1794.969	1797.54	1795.270	1797.54	1795.571	1797.68	1795.872	1797.33	1796.174	1797.61	1796.475	1798.04	1796.776	1798.12	1797.079	1798.25	1797.379	1798.50	1797.681	1799.36	1797.986	1800.01	1798.283	1800.17	1798.595	1800.36	1798.866	1800.98	1799.187	1800.36	1798.488	1800.58	1799.790	1800.49	1800.091	1800.55	1800.395	1800.64	1800.694
VER. ALIGN.	1.507 %																																																																									
HOR. ALIGN.	L=150.000 A=300											R=600 L=159.818											A=300 L=150.000											R=∞ L=982.333																																								
SUPERELEV.	4.5% 5.5%											4.5% 4.5%											2.5% 2.5%											2.5%																																								
WIDENING																																																																										
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. 11km+200 TO 11km+900	C SHEET 19 OF 50
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STATION	11+900	12+000	12+100	12+200	12+300	12+400	12+500	12+555.272	12+600
ROAD LEVEL	1800.64	1800.69	1800.77	1800.83	1800.83	1800.83	1800.83	1800.83	1800.83
GROUND LEVEL	1800.64	1800.69	1800.77	1800.83	1800.83	1800.83	1800.83	1800.83	1800.83
VER. ALIGN.	1.507%		Lvc = 200m				0.770%		
HOR. ALIGN.	R = ∞, L = 982.333								
SUPERELEV.	2.5%								
WIDENING	2.5%								
GUARDRAIL									
CENTRELINE ROAD MARK									

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REVISIONS	DESCRIPTION	DATE

JAPAN INTERNATIONAL
 COOPERATION AGENCY

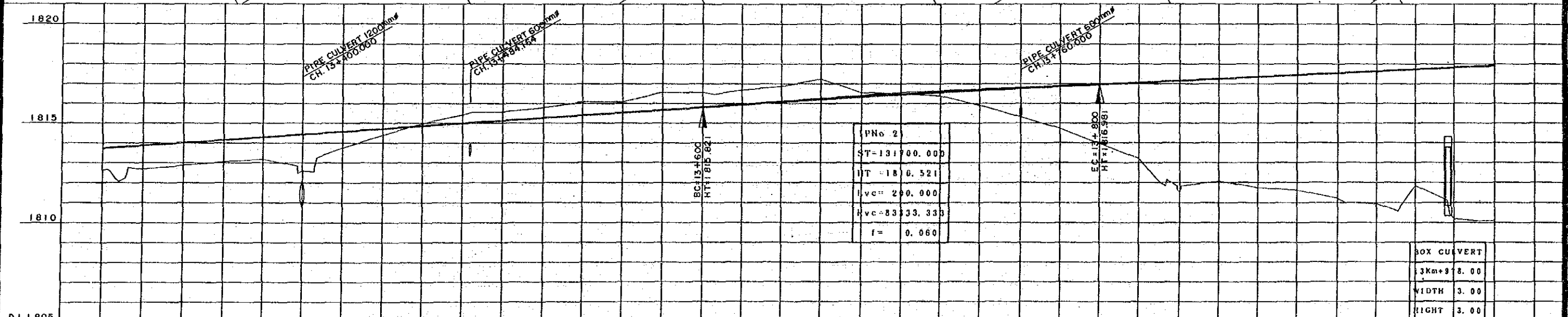
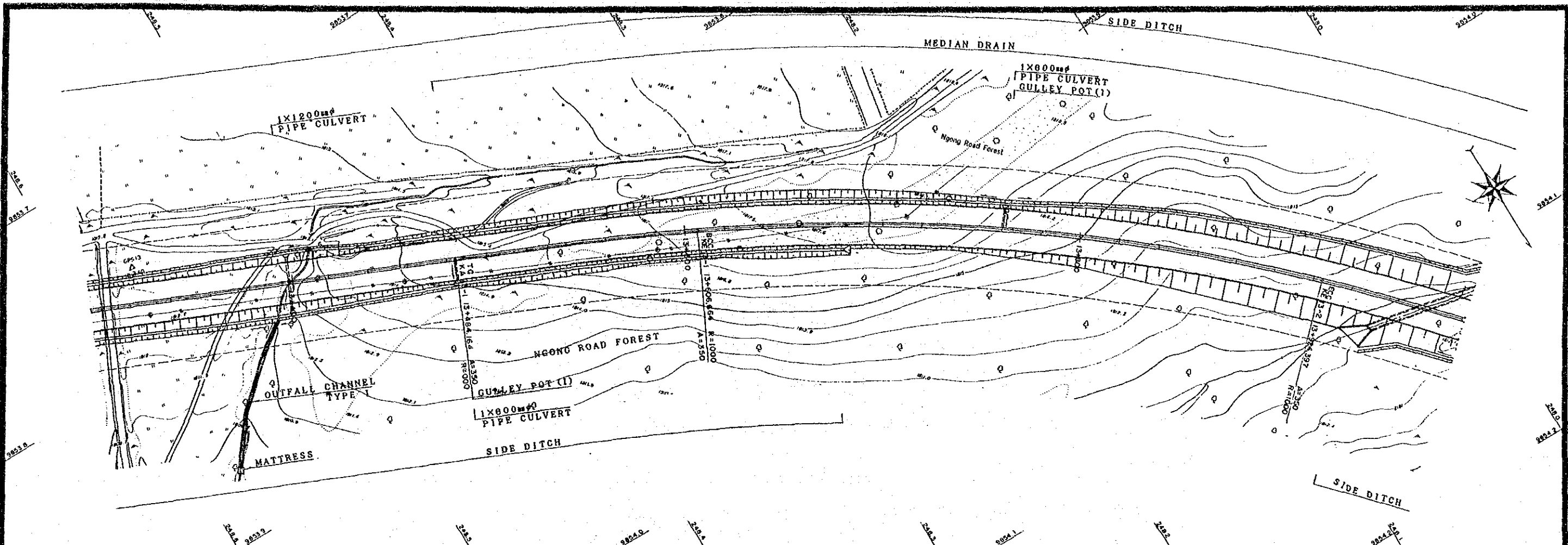
CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

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

SCALES
 HORIZONTAL 1:1000
 VERTICAL 1:100

NAIROBI BYPASS
 PLAN AND PROFILE CH. 11km+900 TO 12km+600

C
 SHEET 200F50



STATION	13+300	13+400	13+484.164	13+500	13+600	13+700	13+800	13+900	13+924.397	14+000
ROAD LEVEL	1812.65	1813.721	1812.66	1813.861	1812.88	1814.001	1813.02	1814.141	1813.17	1814.281
GROUND LEVEL	1812.54	1814.421	1813.72	1814.561	1814.36	1814.701	1814.94	1814.841	1815.39	1814.981
VER. ALIGN.	0.770%		Lvc = 200m				0.460%			
HOR. ALIGN.	R=∞ L=437.866		TC A=350 L=22.500		BC (KE13-1)		R=1000 L=317.732		EC (KE13-2) A=350 L=22.500	
SUPERELEV.	2.5%		2.5%		3%		3%		3%	
WIDENING	2.5%		2.5%		3%		3%		3%	
GUARDRAIL										
CENTRELINE ROAD MARK										

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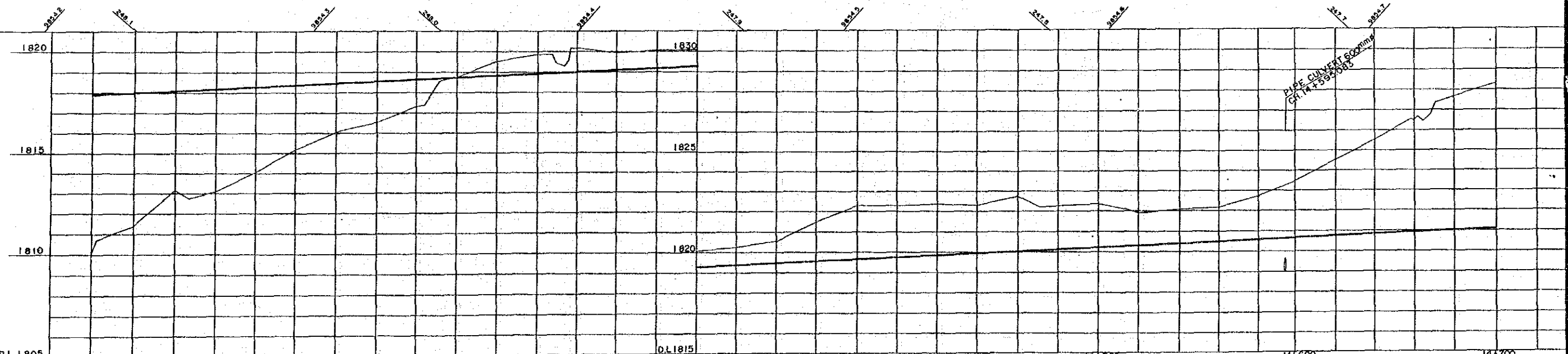
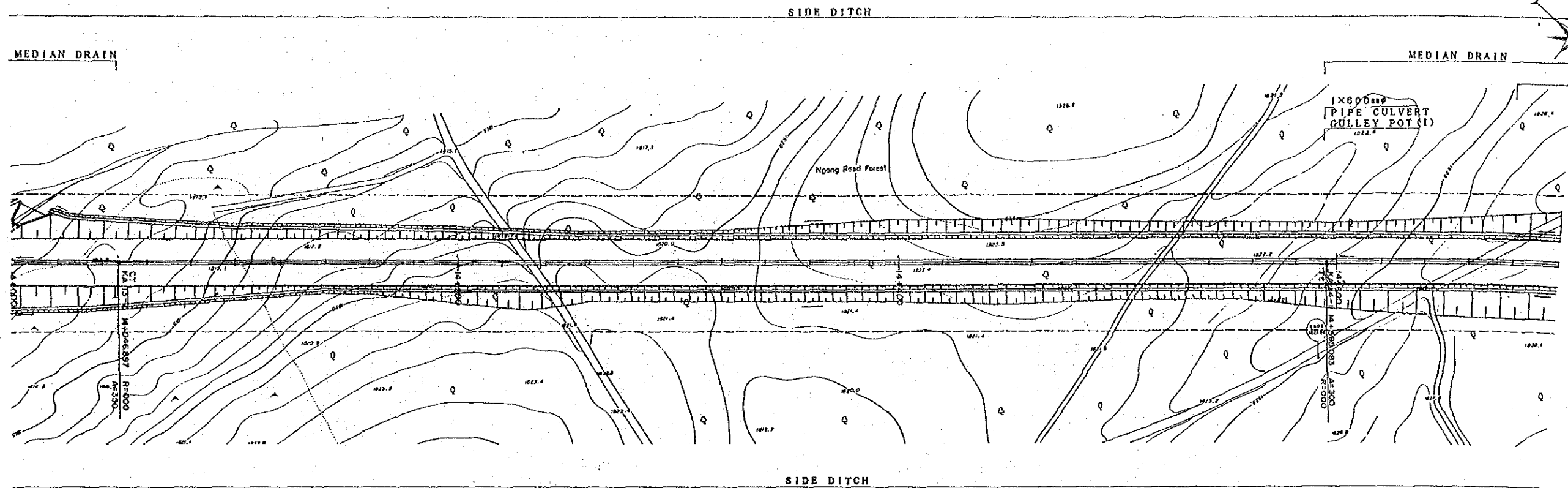
JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

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

SCALES
 HORIZONTAL 1:1000
 VERTICAL 1:100

NAIROBI BYPASS
 PLAN AND PROFILE CH. 13km+300 TO 14km+000

C
 SHEET 22 OF 50



DL 1805	141000	141046.897	141100	141200	DL 1815	141300	141400	141500	141600	141700
STATION	141000	141046.897	141100	141200	DL 1815	141300	141400	141500	141600	141700
ROAD LEVEL	1810.03	1811.45	1812.78	1813.09	1814.06	1815.20	1816.36	1817.53	1818.74	1819.91
GROUND LEVEL	1810.03	1811.45	1812.78	1813.09	1814.06	1815.20	1816.36	1817.53	1818.74	1819.91
VER ALIGN.	0.460%									
HOR ALIGN.	R=∞ L=548.186									
SUPERELEV.	2.5%									
WIDENING	2.5%									
GUARDRAIL										
CENTRELINE ROAD MARK										

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

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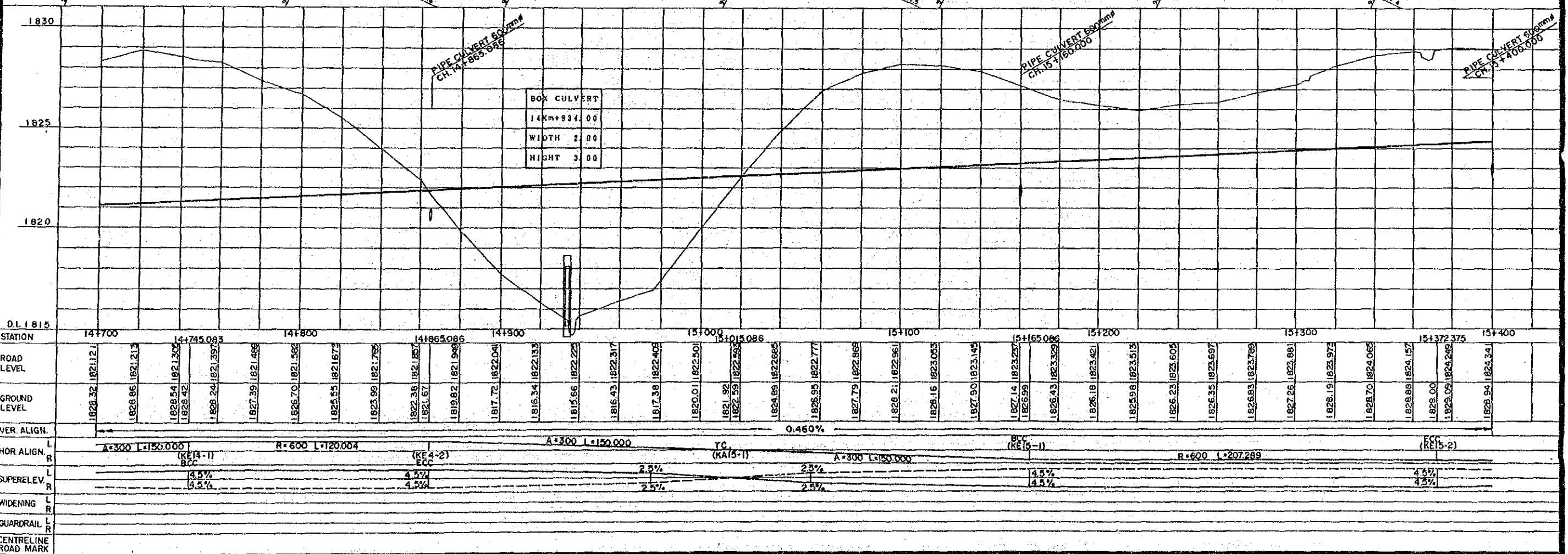
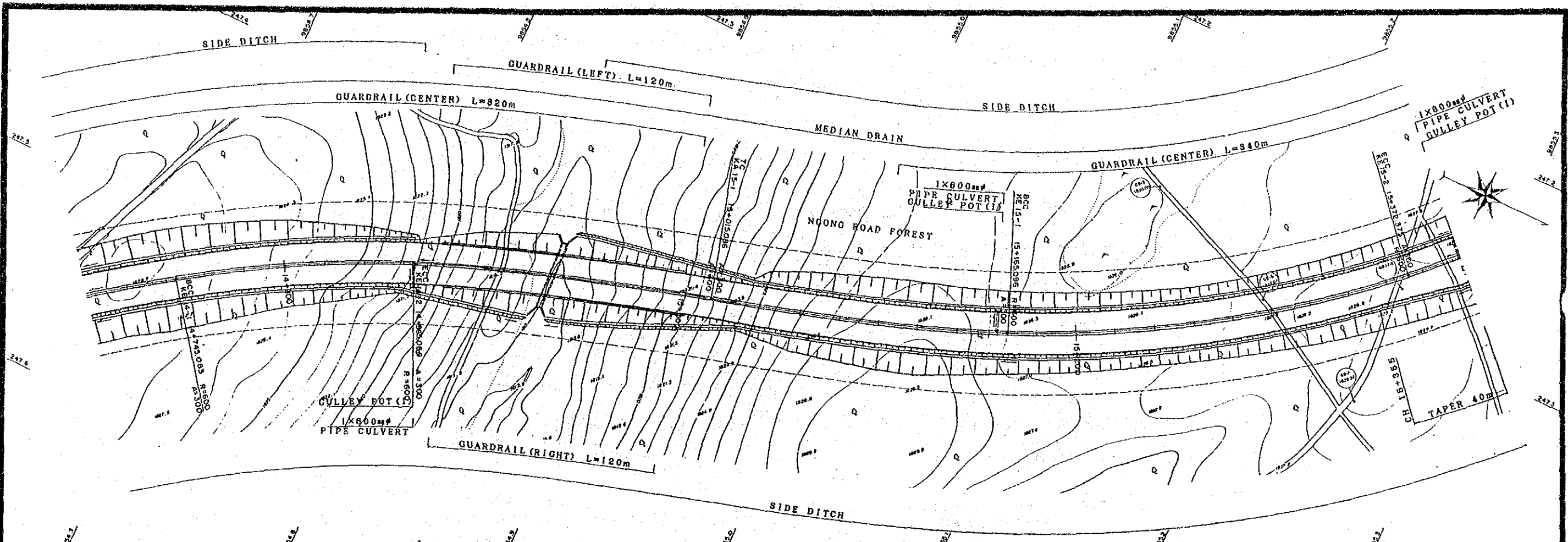
JAPAN INTERNATIONAL COOPERATION AGENCY
 CHIEF ENGINEER (ROADS)
 CHIEF SUPT. ENG. (DESIGN)

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

SCALES
 HORIZONTAL 1:1000
 VERTICAL 1:100

NAIROBI BYPASS
 PLAN AND PROFILE CH 14^{km}+000 TO 14^{km}+700

C
 SHEET 23 OF 50



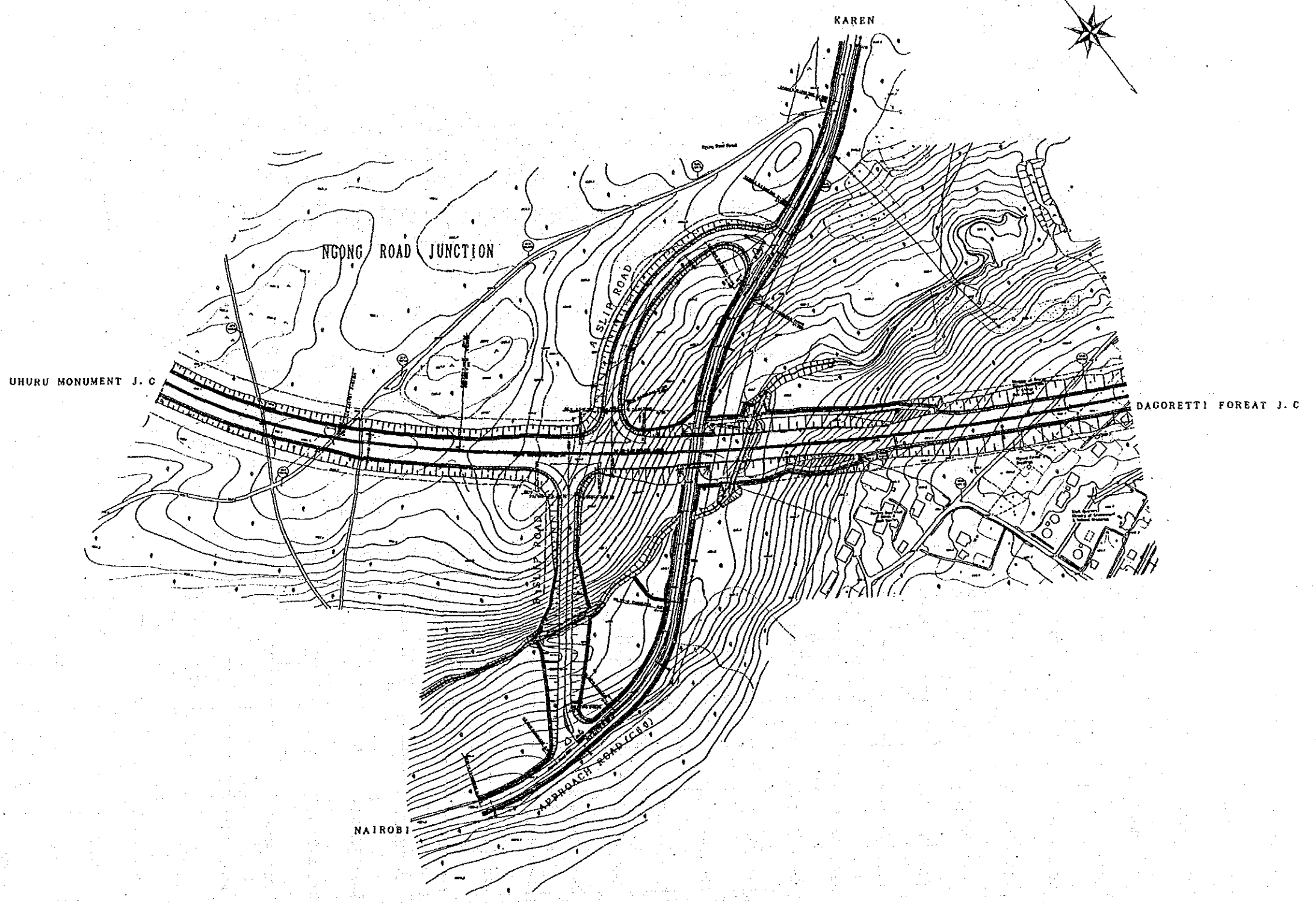
BOX CULVERT	
14Km+934.00	
WIDTH 2.00	
HIGHT 3.00	

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D.L 1815	14+700	14+745.083	14+800	14+900	14+965.086	15+000	15+065.086	15+100	15+165.086	15+200	15+300	15+372.375	15+400
ROAD LEVEL	1828.32	1821.21	1821.23	1821.30	1821.39	1821.46	1821.56	1821.67	1821.78	1821.88	1821.98	1822.08	1822.18
GROUND LEVEL	1828.32	1828.96	1821.23	1828.54	1828.42	1828.24	1821.39	1821.56	1821.78	1821.98	1822.18	1822.37	1822.56
VER. ALIGN.	0.460%												
HOR. ALIGN.	A=300 L=150.000		R=600 L=120.004		A=300 L=150.000		TC (KA15-1)		A=300 L=150.000		R=600 L=207.289		
SUPERELEV.	4.5%		4.5%		2.5%		2.5%		4.5%		4.5%		
WIDENING	4.5%		4.5%		2.5%		2.5%		4.5%		4.5%		
GUARDRAIL													
CENTRELINE ROAD MARK													

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JAPAN INTERNATIONAL
COOPERATION AGENCY

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

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

SCALES
1:2000

NAIROBI BYPASS
NGONG ROAD JUNCTION PLAN

C
SHEET 26 OF 50