



## REPUBLIC OF KENYA MINISTRY OF PUBLIC WORKS

THE NAIROBI BYPASS PROJECT DETAILED DESIGN STUDY FINAL REPORT

PART

VOLUME 3

(DRAWINGS)

SEPTEMBER 1992

JAPAN INTERNATIONAL COOPERATION AGENCY



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国際協力事業団 24897



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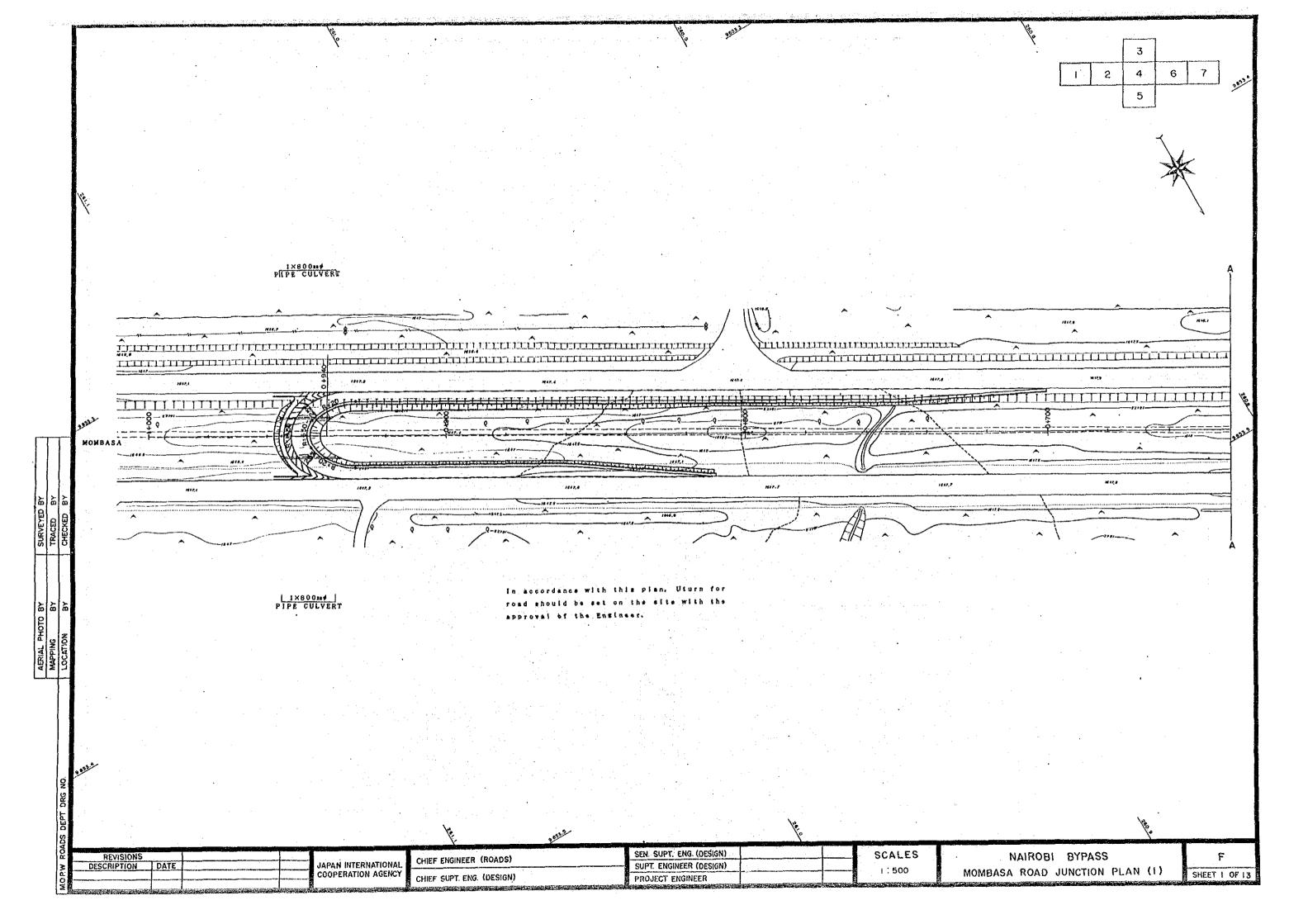
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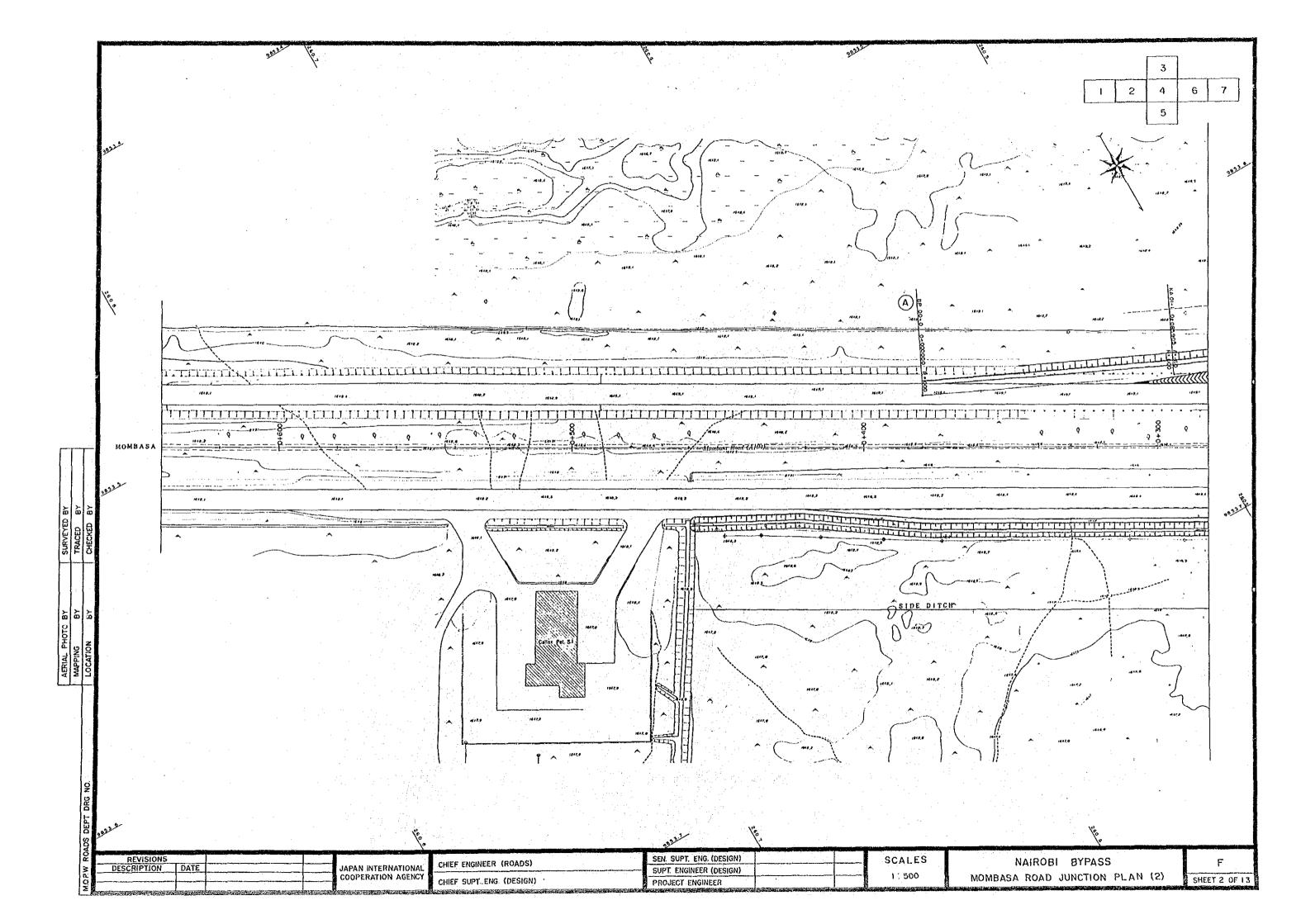
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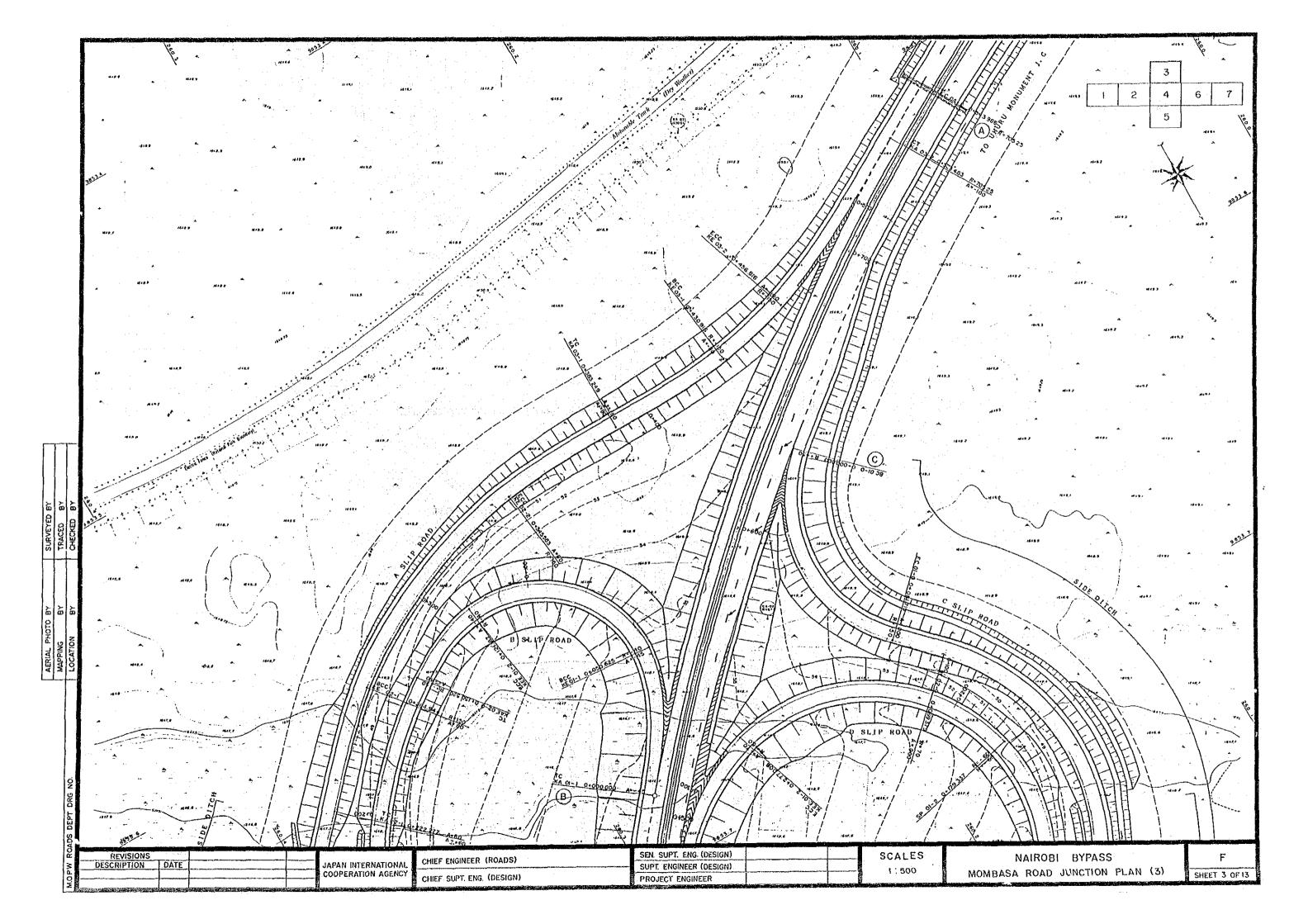
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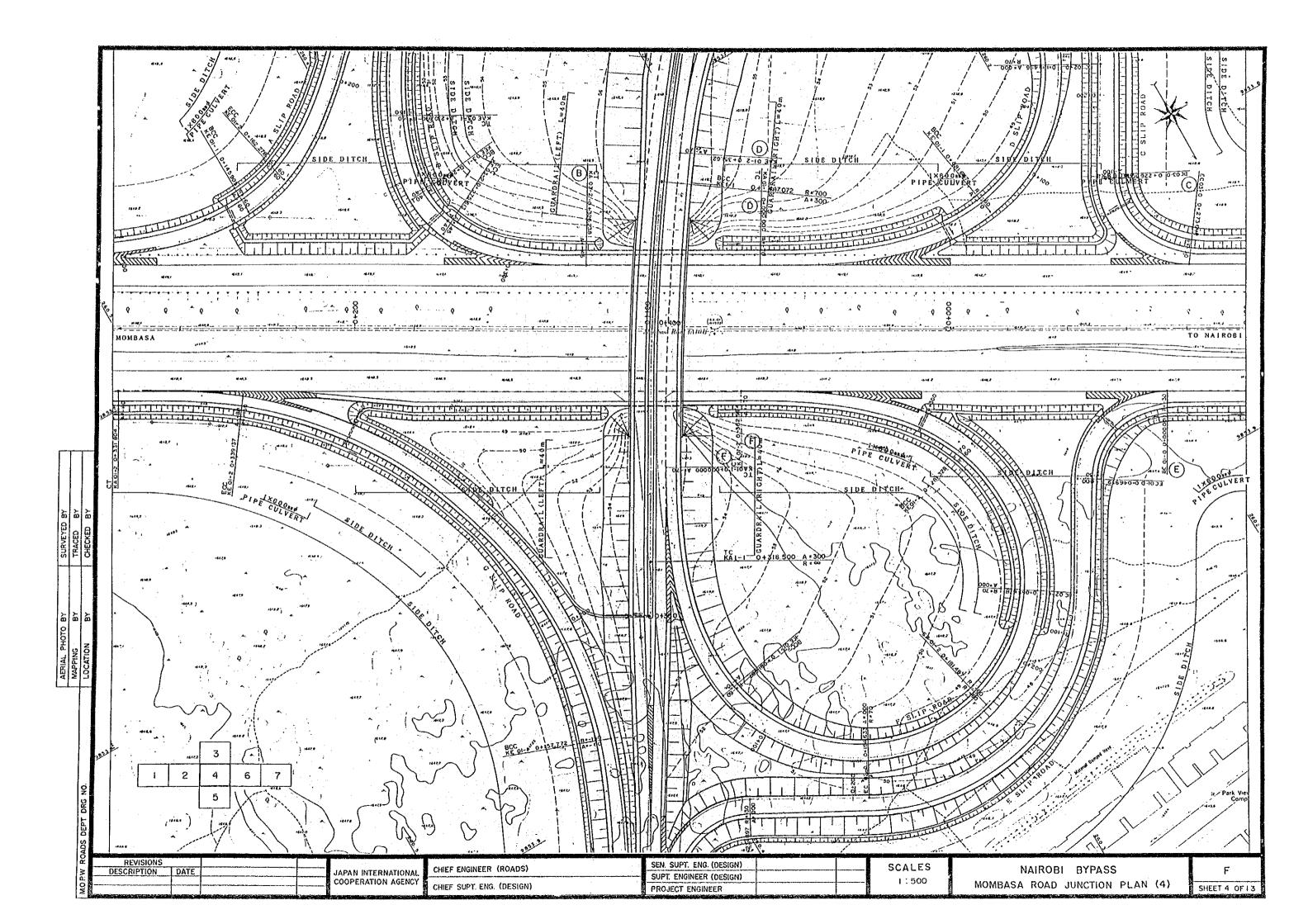
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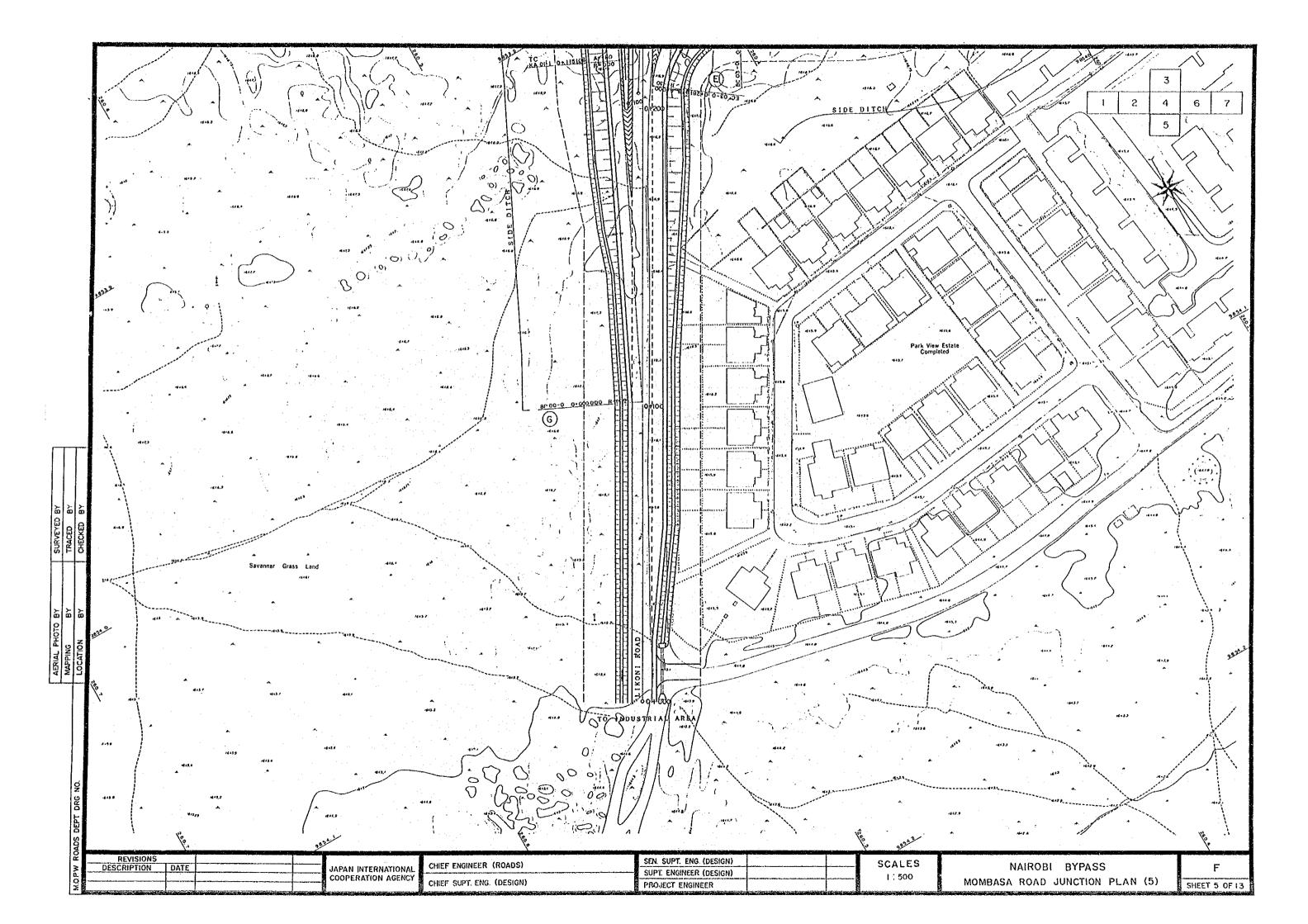
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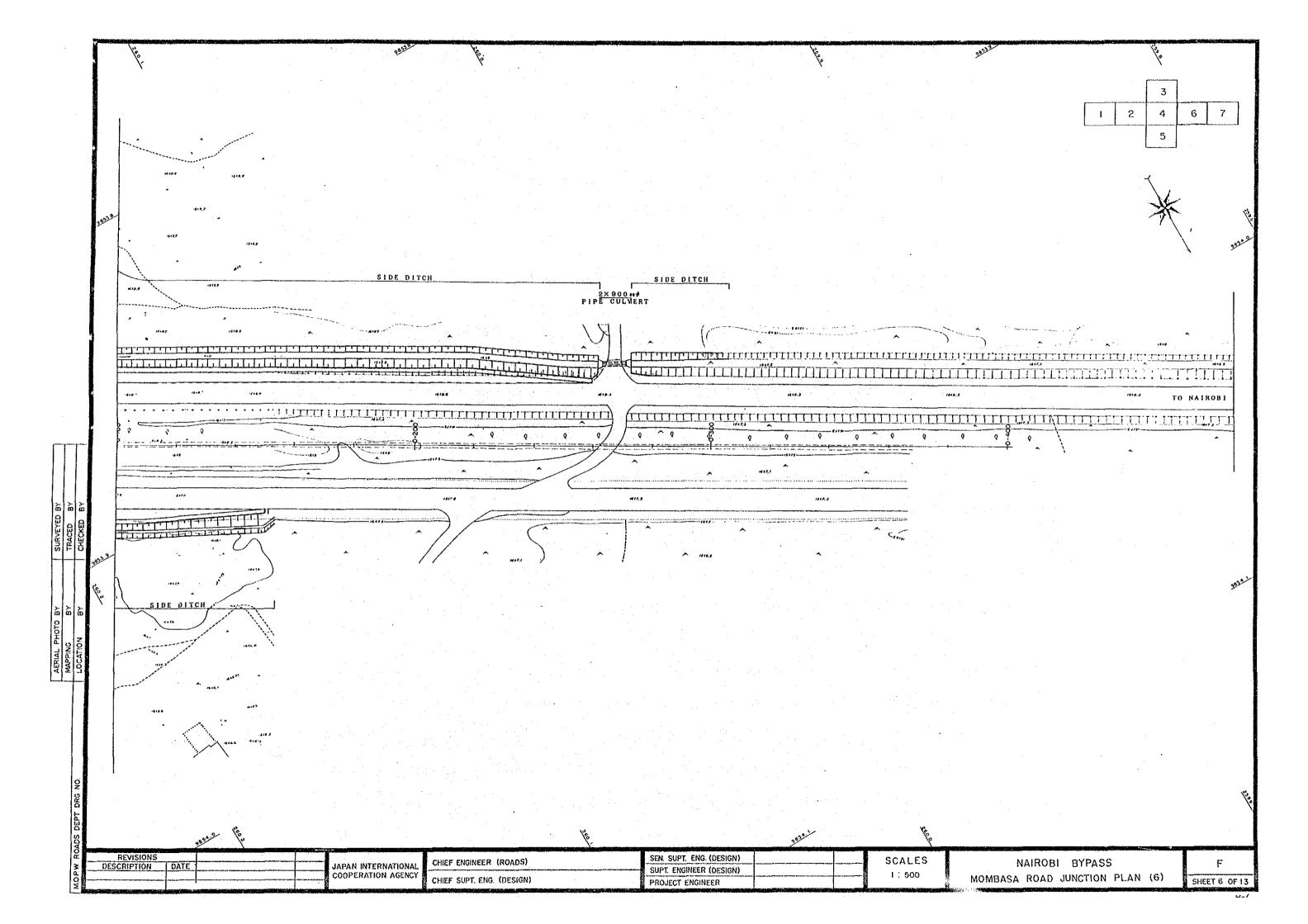


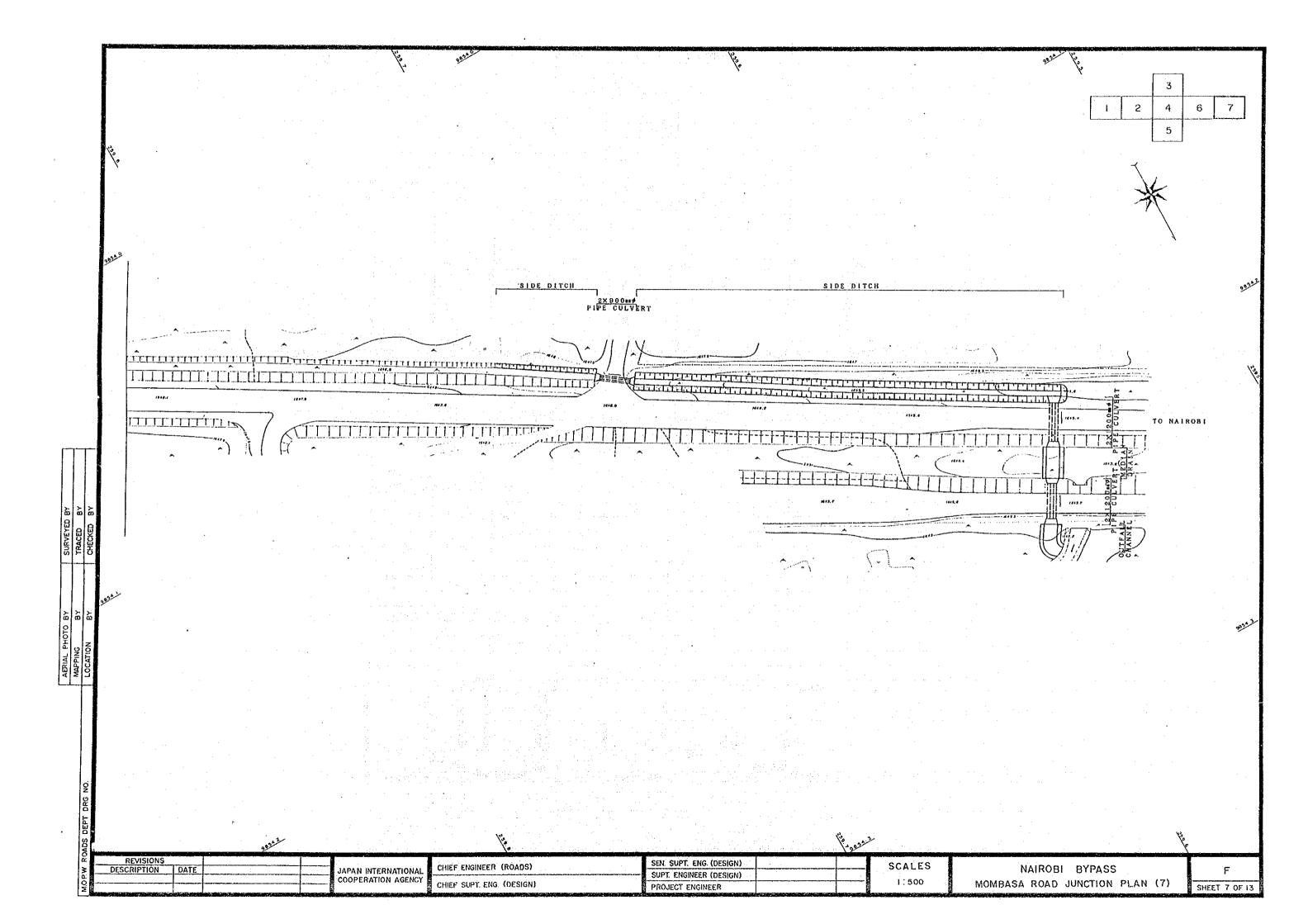












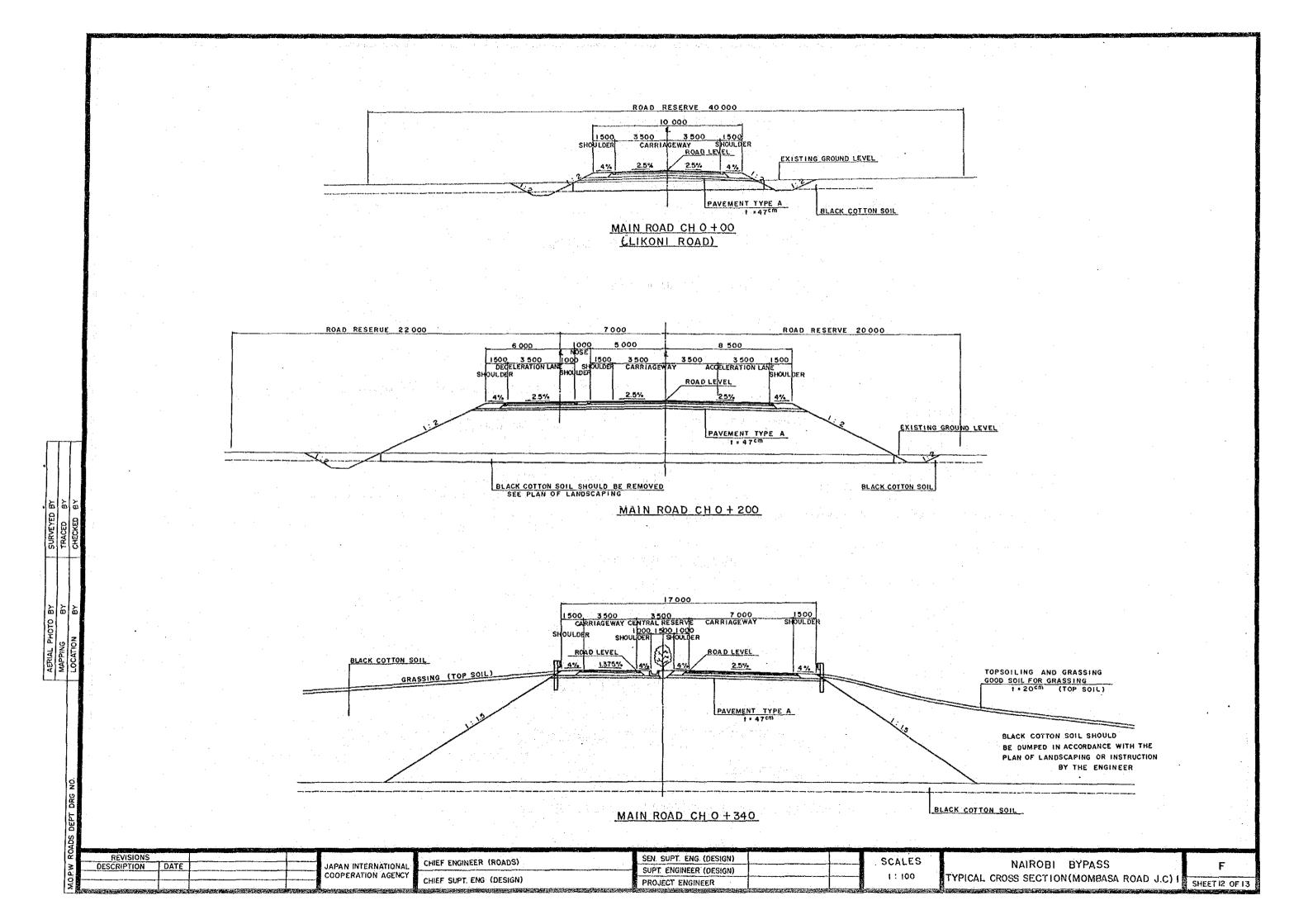
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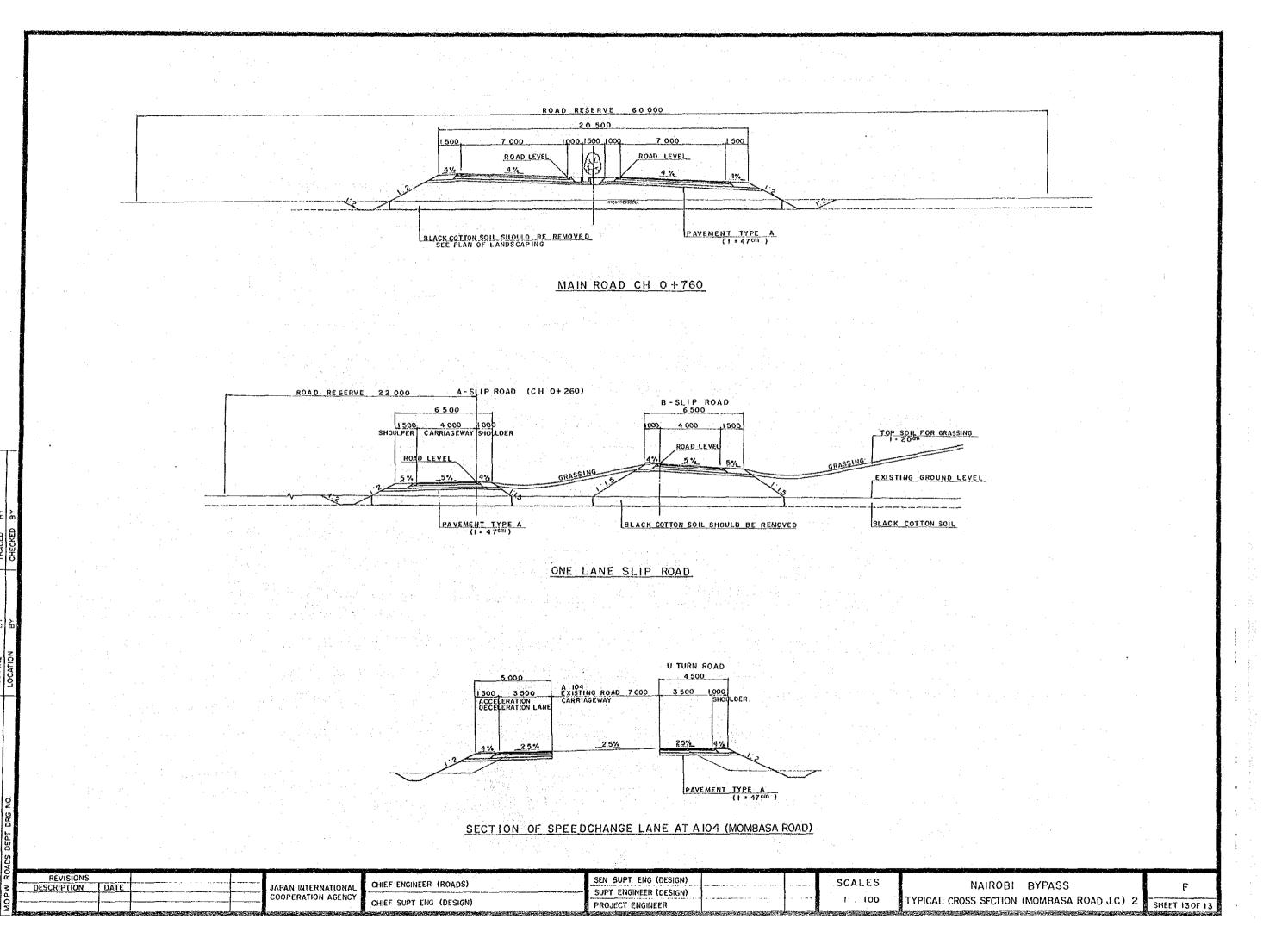
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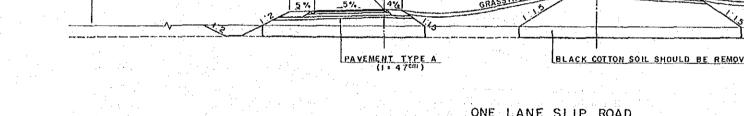
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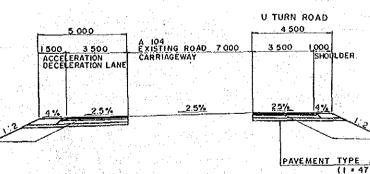
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2 2												Rvc= 1248.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~				ļ	
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	ROAD	<u>216</u>	25	0+046.959 0+046.959 000 000 000	2	111		884	99066	9.752	1,232	22	1581	1.228				
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	VER ALIGN.	<u>نې</u> 0900%	9] 	<u></u>	<u></u>	<u>v</u> <u>v</u> <u>v</u>	L	별 vc+80 <sup>m</sup>	<u>щ</u>	4.000 %	¥ ¥	Lyc = 80 <sup>m</sup>	<u> </u>	- 2.409%	**		· · · · · · · · · · · · · · · · · · ·	
	HOR ALIGN.	FC01-0	L=46.959	<u>ECOI-0</u>	<u>R≠∞</u> L=38.719	BCO2-0		R ≥70 L	= 108.955		EC 02-0	R=co L=40.264	BC 03-0	R=30 L=47.081	<u>EC 03-0</u>	<u> </u>		
N N	SUPERELEV.					55%					5.5%		6*/•		2.5%			
DRG	WIDENING L	25%		6%									!!!!!	074				
- { <u>5</u> .   -	GUARDRAIL			······				<u></u>			······································							
	CENTRELINE ROAD MARK	16644 <sup>th</sup>		·	38.719 <sup>m</sup>					·····		40.264 <sup>m</sup>		180181				
RO	REVI	SIONS		TA DA M INT	CONATIONAL	CHIEF ENGINEER	R (ROADS)			en. Supt. Eng. (desig			SCALES		AIROBI B	YPASS		F
0.P.W	DESCRIP	TION DATE		COOPERA	TERNATIONAL	CHIEF SUPT. ENG	· · · · · · · · · · · · · · · · · · ·	ـــــــــــــــــــــــــــــــــــــ		UPT. ENGINEER (DESIG ROJECT ENGINEER	in)		HORIZONTAL 1:500 VERTICAL 1:100			ON D,E LIN	E S	SHEET IO OF 13
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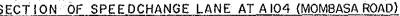
				-F LINE-			
<u>    1655                               </u>		ST = 00 + 90, 0 $IIT = 1652.73$ $I.vc = 80.000$ $Rvc = 2637.9$ $I = 0.2$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	170.000 48.047	I p $ST = 00 + 260.000$ $IIT = 167.597$ $Lvc = 60.000$ $Rvc = 4387.500$	Pipe Culture Con	
<u>1650</u>						на страна с с с с с с с с с с с с с с с с с с	
DL 1645 STATION O ROAD 2 LEVEL S	0+000 0+020 0+040		0+120 0+140 0+160	0+180 0+81,497 0+200 0+22 0+81,497 0+200 0+22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0+240 0+260 0+2 0 0+240 0+2 0 0+240 0+2 0 0+240 0+2 0 br>0 0+2 0 0 0 0 0 0 0 0 0 0 0 0 0	89 328 0+300 0+320 E 8 F 8 F 8	0+340 0+350 0+362 934
GROUND LEVEL VER. ALIGN. + HOR ALIGN. R	1C KAQI-1} A=70 L=81.667	U U U U U U U U U U U U U U	Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q Q	SR01-2	0 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>د الا الا الا الا الا الا الا الا الا ال</u>	80 %(KAQI-2)
SUPERELEV. R R WIDENING L GUARORAIL R GUARORAIL L CENTRELINE ROAD MARK	25% 25%	6% 38,440m			6%	81.667 <sup>m</sup>	J
1655				G LINE-		entre contraint entre contrain	
1645			ST = 0.0 + 150.000 $T = 1652, 168$ $i vc = 100.000$ $R vc = 1332.090$ $f = 0.338$		ST=00+260.000       HT =1648.068       Lvc=84.000       Rvc=1489.000       1=0.400		
ROAD SI	+000 0+020 0+040	0+060 0+080 0+100 0+060 0+080 0+100 0 0 0 0 0 0 0 0 0 0 0 0	0+115.104-120 0+115.104 0+120 0+140 0+15.104 0+15.1	0+180 0+200 0+220 8 8 8 9 9 9 9 9 9 9 9 8 9 8 9 8 9 8 9 8		80 0+300 0+320 80 0+300 0+320 8 0 8 0 8 0 8 0 8 0 8 0 8 0 8	0+350 0+35137 0+35137 0-1350 0-1350 0-1350 0-1350 0-1350 0-1350 0-1350 0-1350 0-1350 0-1350 0-1350
VER ALIGN. HOR ALIGN, R SUPERELEV, R 2.5	<u> </u>		Sign         Sign <th< td=""><td><u><u><u></u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u></td><td>ğ         ğ         ğ           Lvc+80m        </td><td><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></td><td><u>й б</u> — 0.274 % — </td></th<>	<u><u><u></u></u><u></u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u>	ğ         ğ         ğ           Lvc+80m	<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>	<u>й б</u> — 0.274 % — 
WIDENING L GUARDRAIL L CENTRELINE ROAD MARK		42.667 <sup>m</sup>					42.667 <sup>m</sup>
REVISIO DESCRIPTIO		COOPERATION AGENCY CHIEF S	IGINEER (ROADS) JPT. ENG. (DESIGN)	SEN. SUPT. ENG. (DESIGN) SUPT. ENGINEER (DESIGN) PROJECT ENGINEER	SCALES HORIZONTAL 1:500 VERTICAL 1:100	NAIROBI BYPASS MOMBASA ROAD JUNCTION	F,G LINE SHEET II











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r	REVISIONS		CHIEF ENGINEER (ROADS)	SEN SUPT. ENG (DESIGN)		SCALES	
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Ξ				PROJECT ENGINEER			

