

THE SOCIALIST REPUBLIC OF THE UNION OF BURMA

**FEASIBILITY STUDY
FOR
IRRAWADDY RIVER BRIDGE CONSTRUCTION PROJECT**

**FINAL REPORT
FIGURES ATTACHED TO
CHAPTERS 6, 7 AND 8**

NOVEMBER 1975

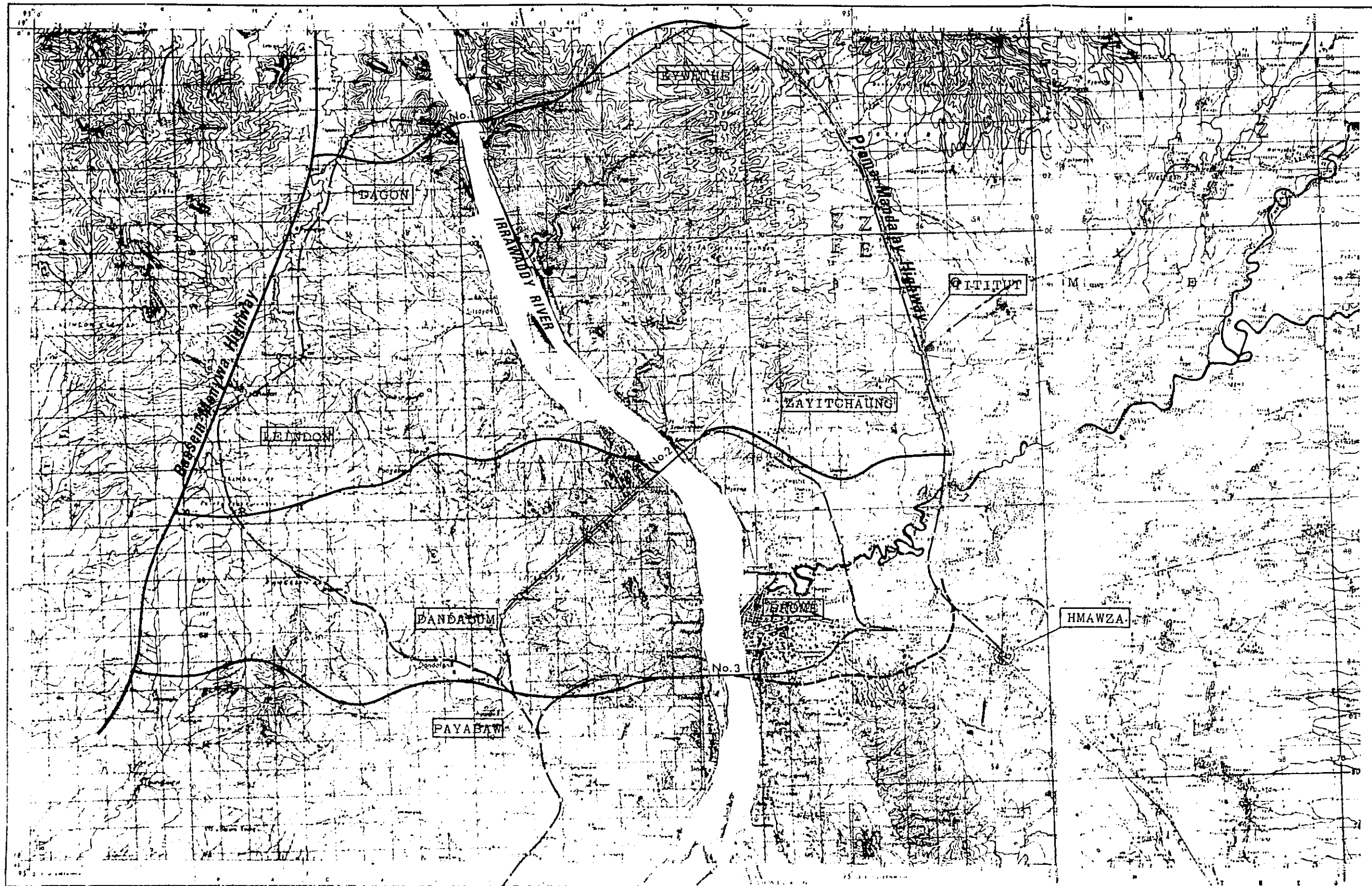
JAPAN INTERNATIONAL COOPERATION AGENCY

L104
61.5
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75



Project Location Map



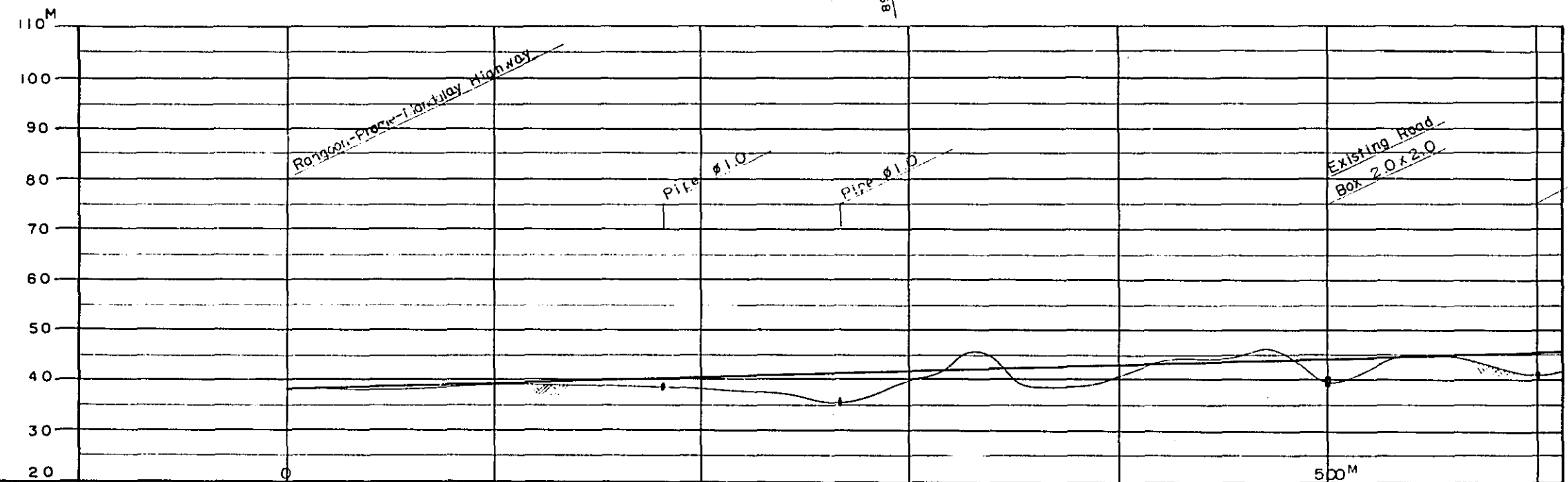
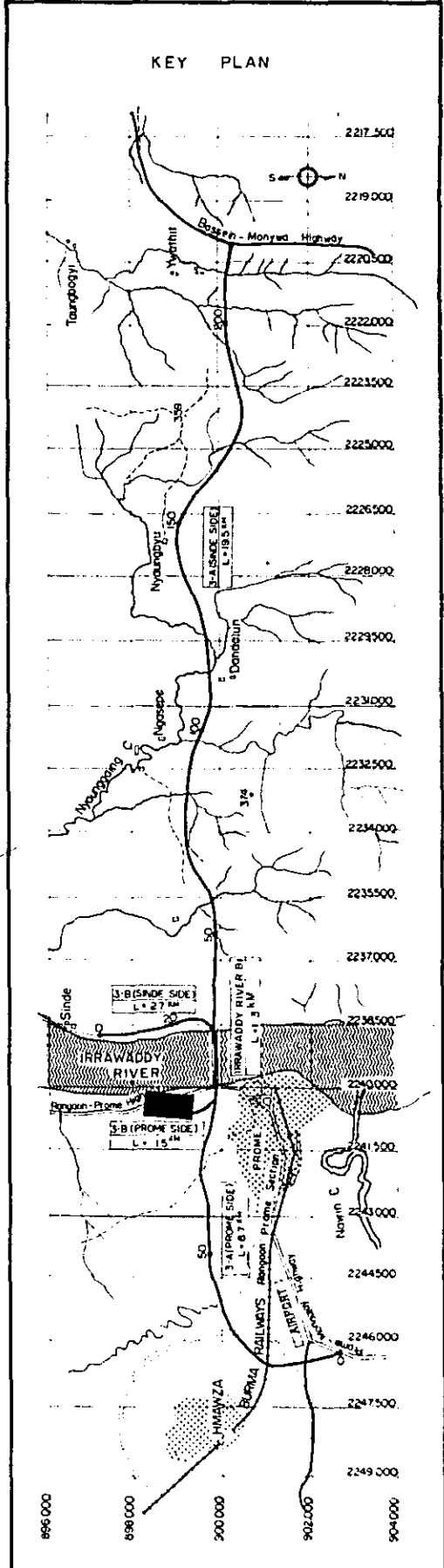
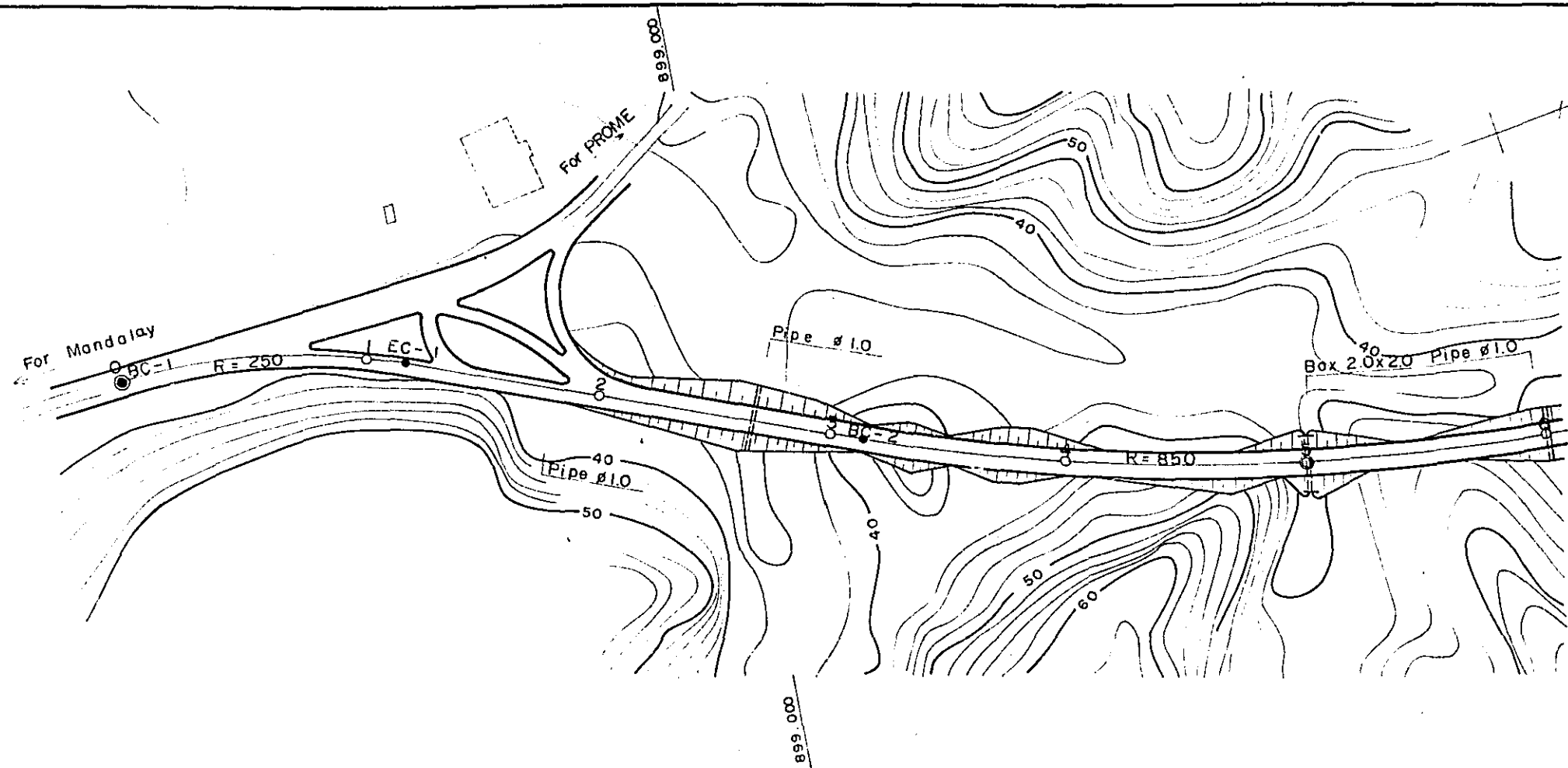
国際協力事業団

受入 月日 '84. 9. 25	L104
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CHAPTER 6

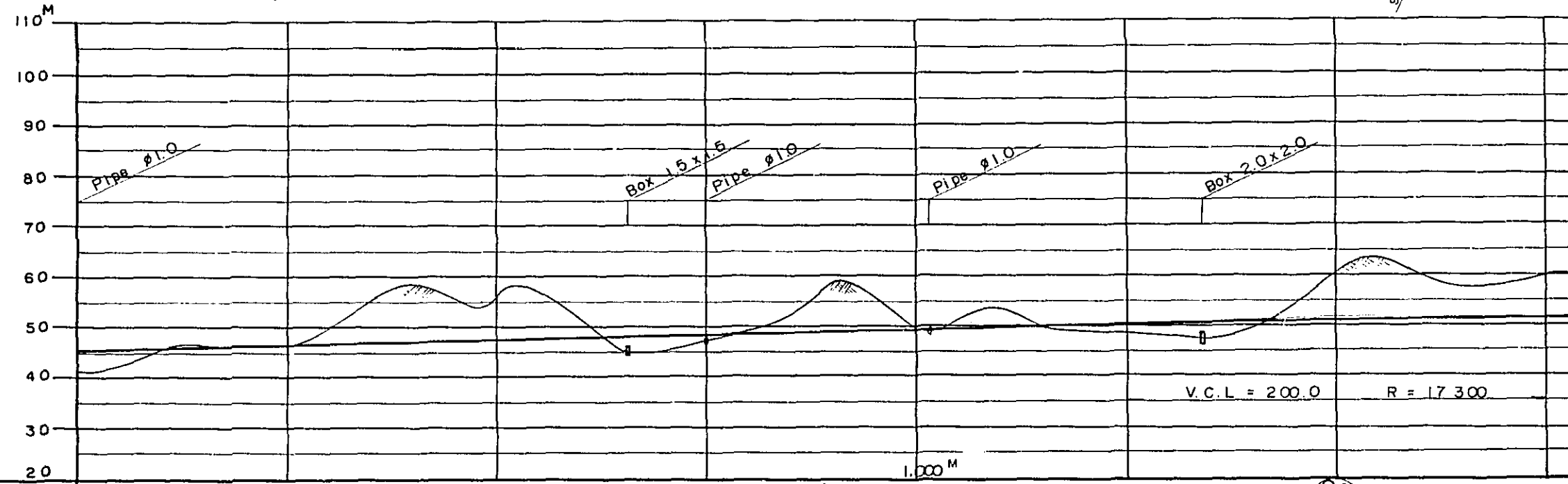
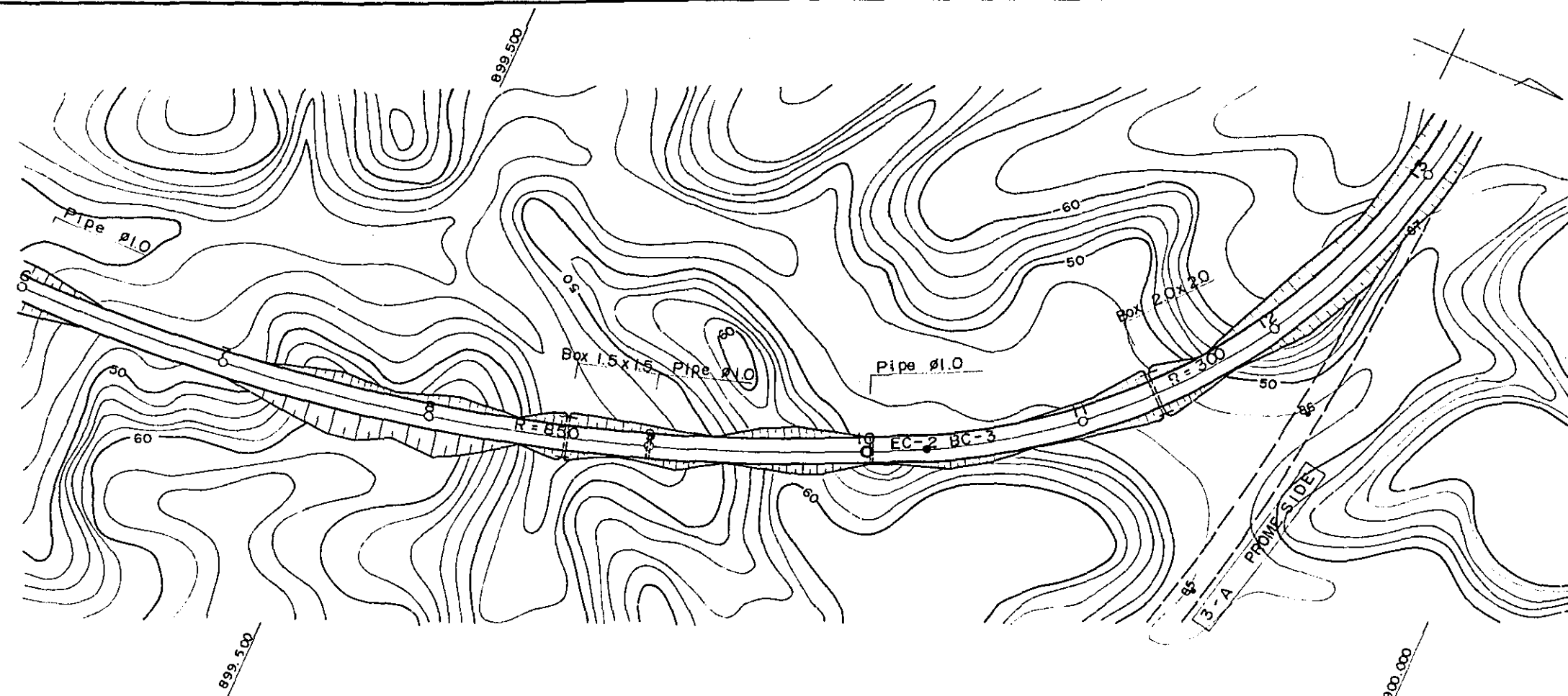
Fig. 6-4-1	}	Route 3-B (Prome Side)
Fig. 6-4-2		
Fig. 6-4-3	}	Irrawaddy River Bridge
Fig. 6-4-4		
Fig. 6-4-5	}	Route 3-A (Sinde Side)
Fig. 6-4-32		
Fig. 6-5-1	}	Route 3-B (Sinde Side)
Fig. 6-5-4		
Fig. 6-6-1	}	Route 3-A (Prome Side)
Fig. 6-6-13		

PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-1
SCALE	V = 1:1000 H = 1:2500



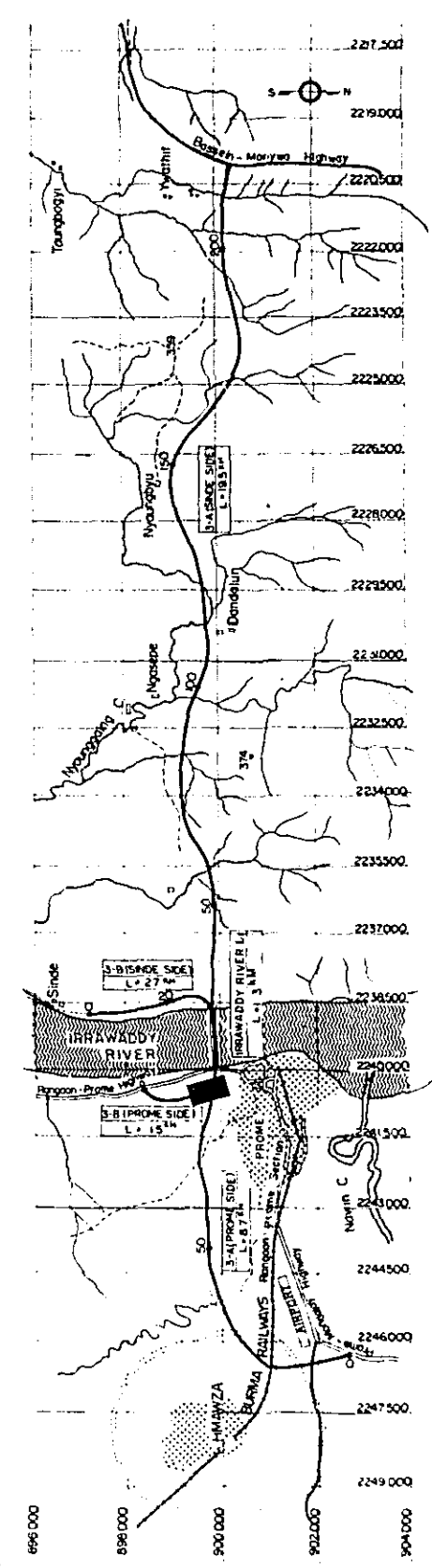
GRADE	PROPOSED HEIGHT	GROUND HEIGHT	STATION	CURVE BAND
			0	
			1	
			2	
			3	
			4	
			5	
			6	

PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-2
SCALE	V = 1:1000 H = 1:2500

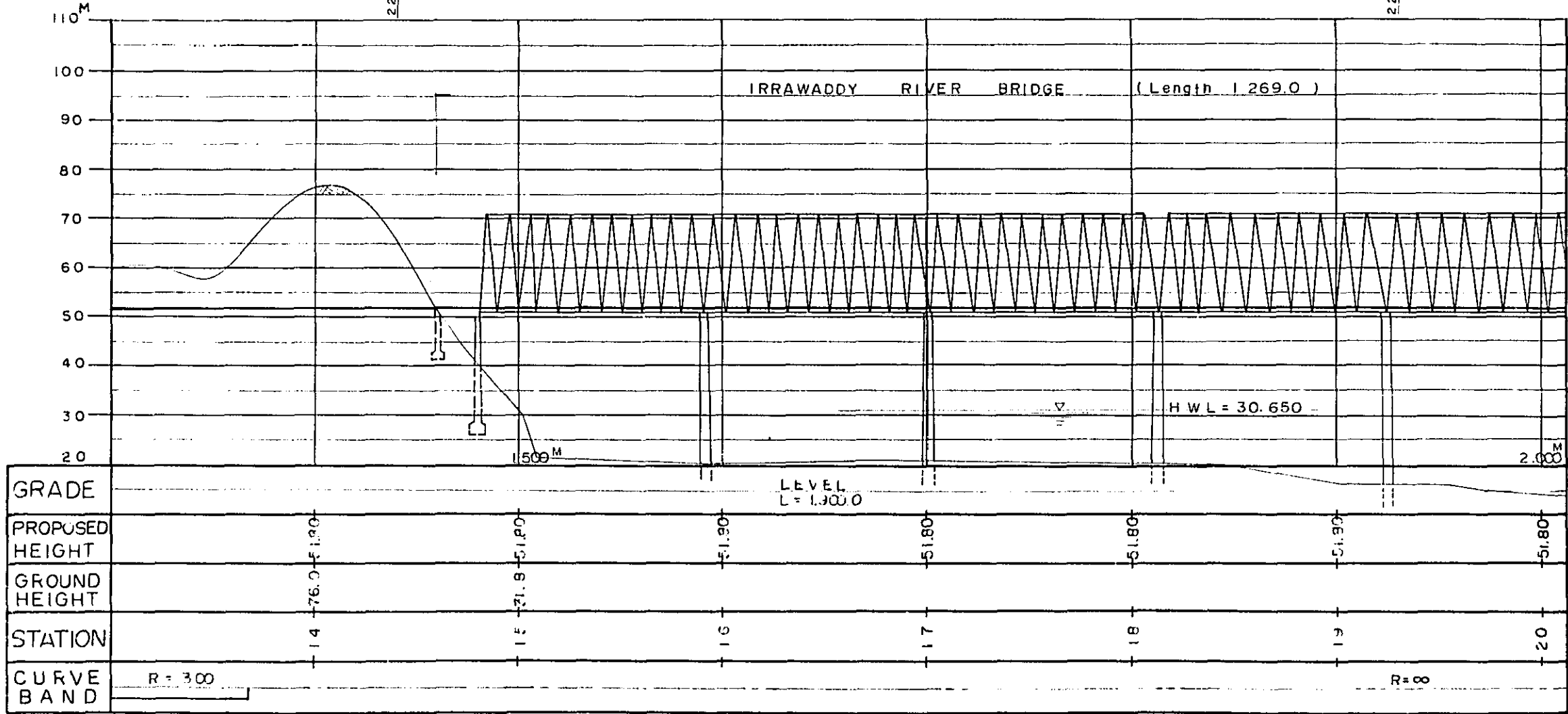
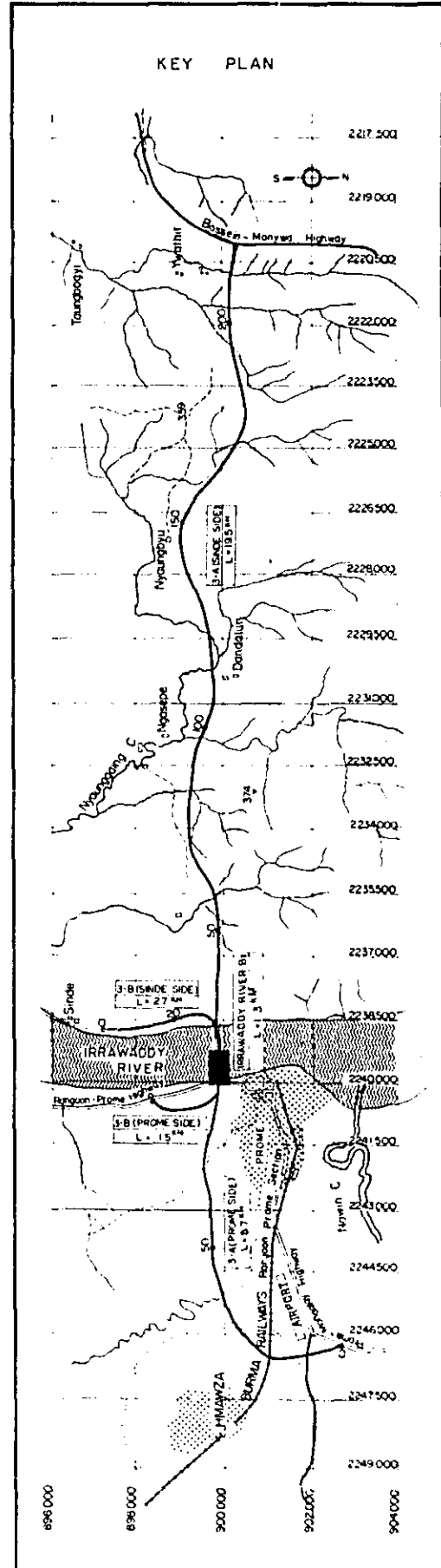
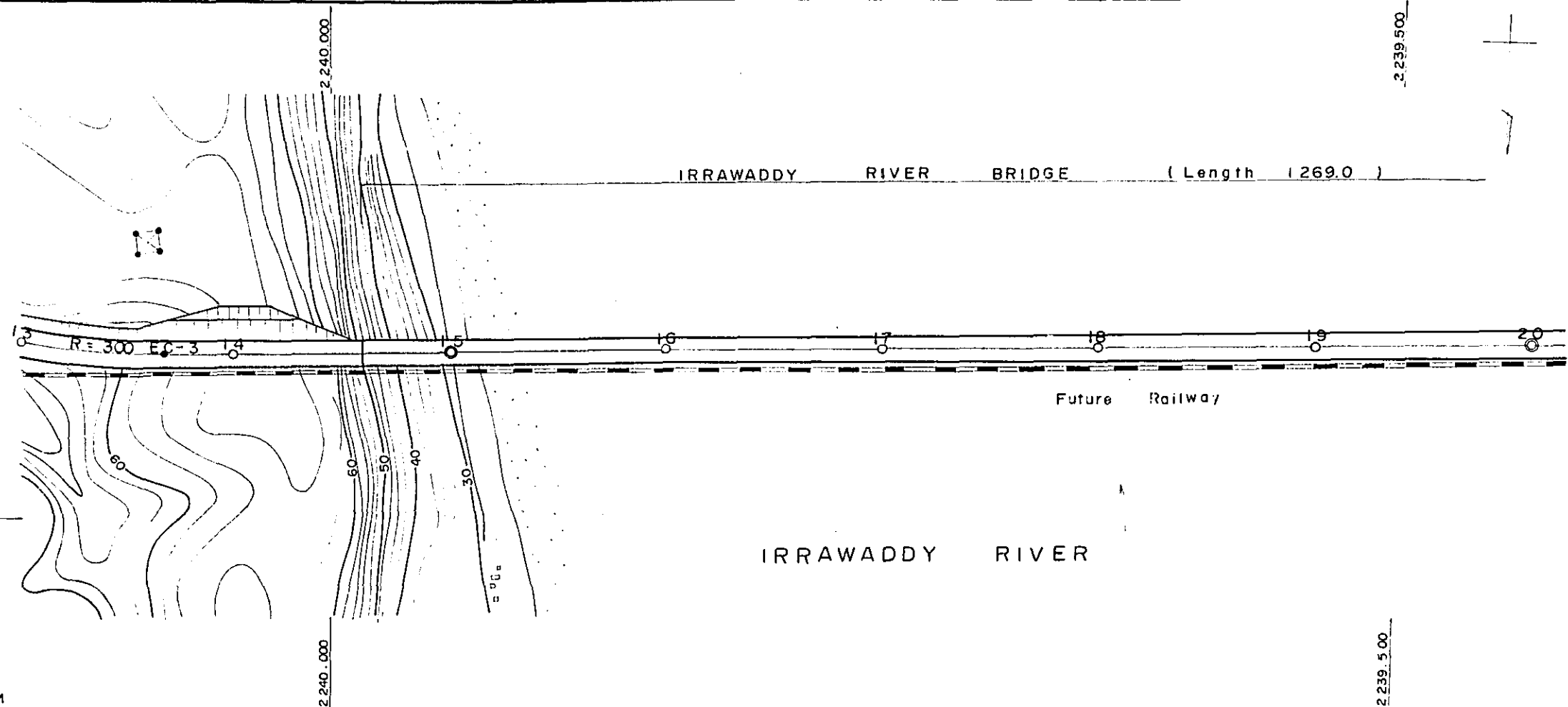


GRADE							
PROPOSED HEIGHT		46.05	47.20	48.35	49.50	50.65	51.80
GROUND HEIGHT	46.0	46.6	47.2	47.5	50.0	49.0	49.7
STATION	7	8	9	10	11	12	13
CURVE BAND			R = 850			R = 300	

KEY PLAN

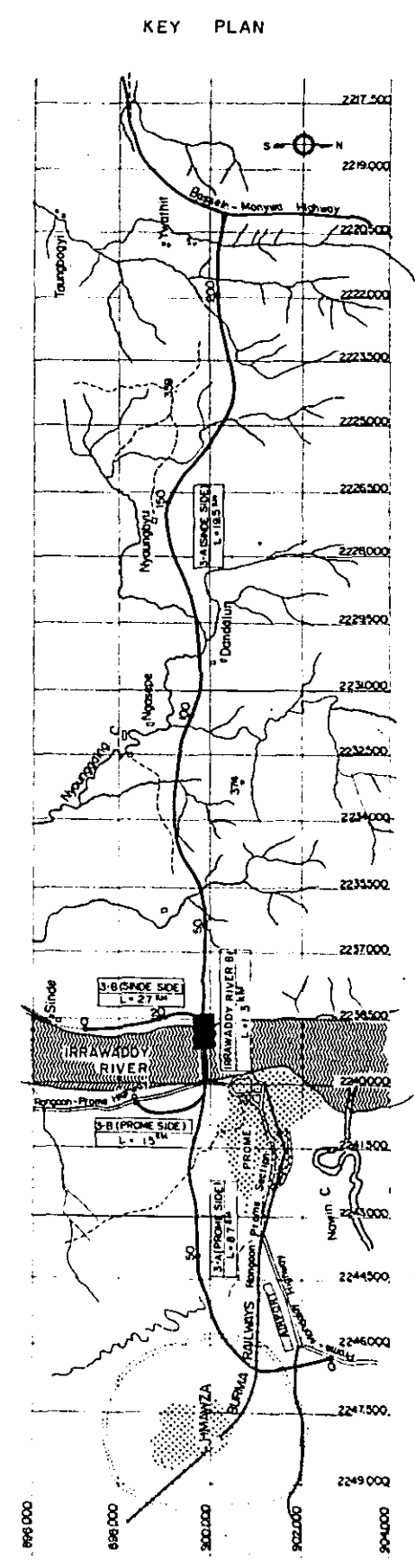
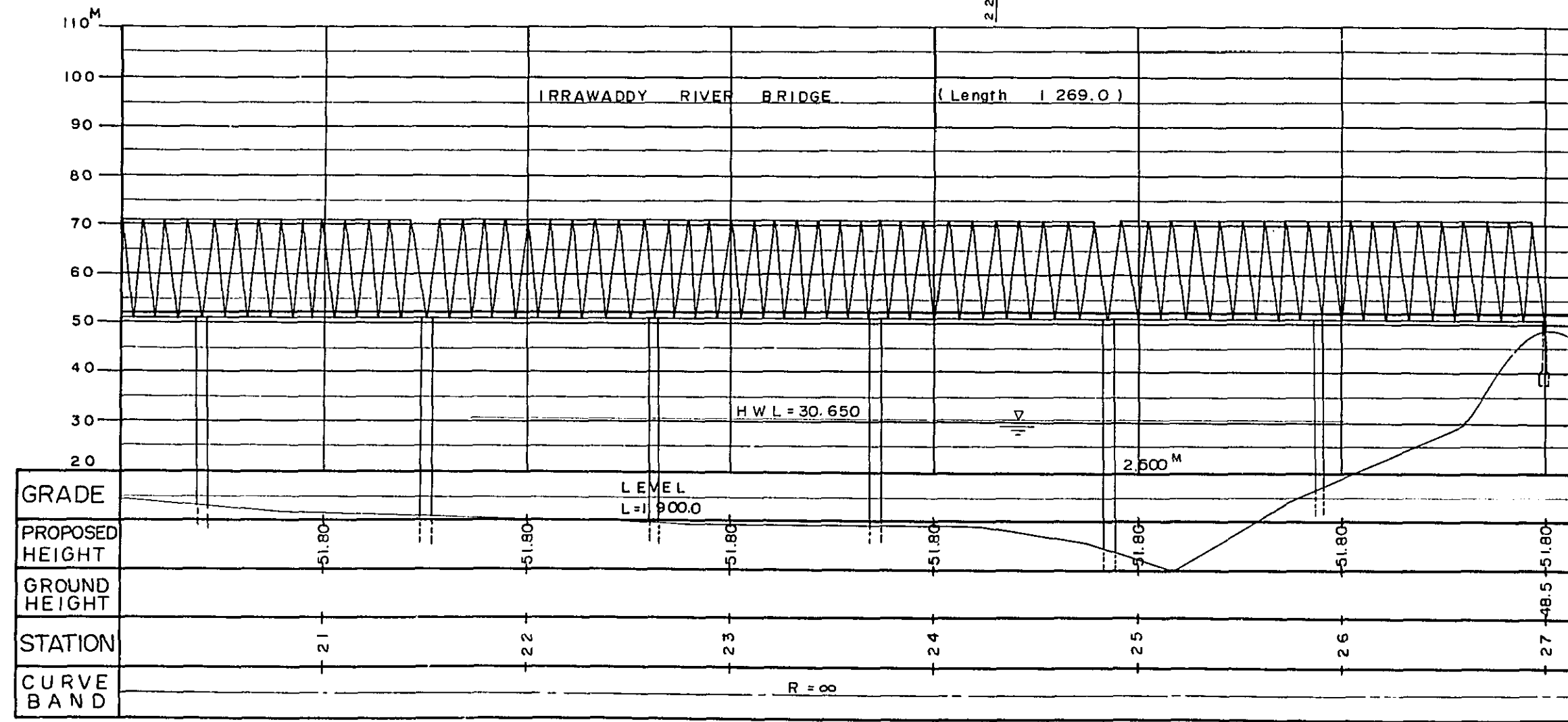
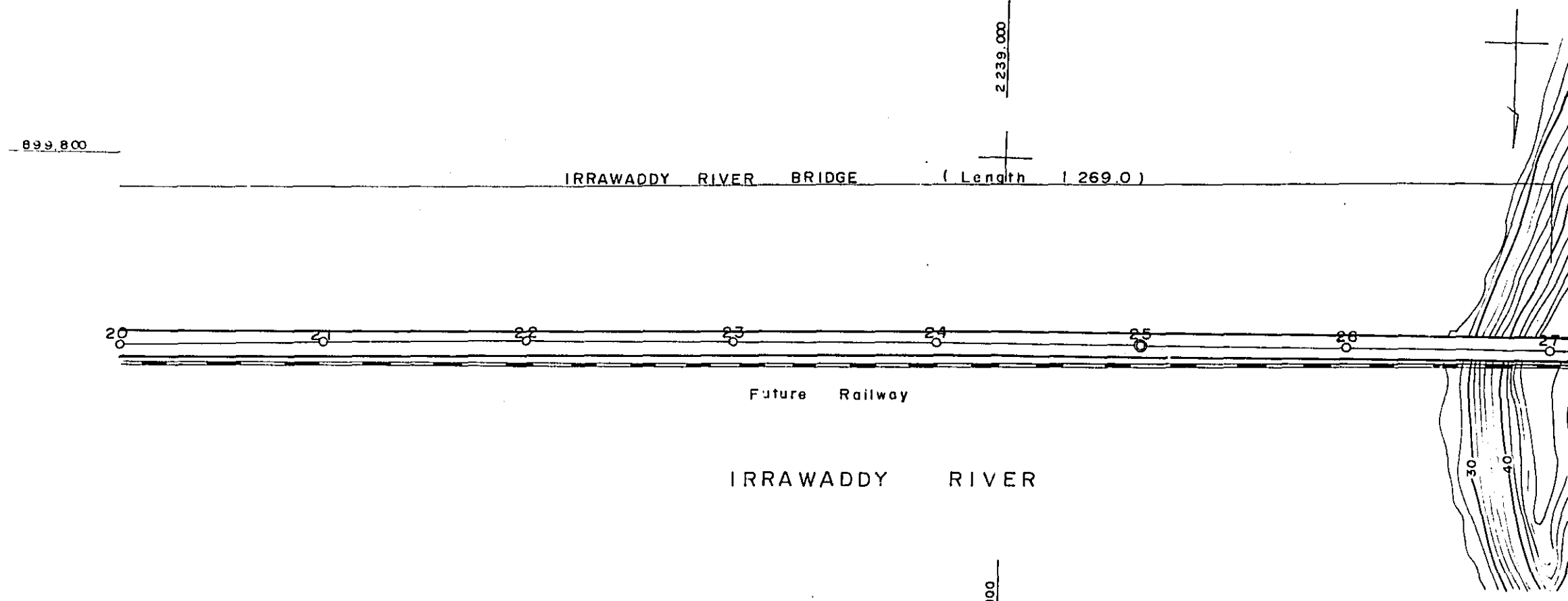


PROJECT	IRRAWADDY RIVER BRIDGE	
SITE NO. 3	FIGURE NO.6-4-3	
SCALE	V = 1:1000	H = 1:2500

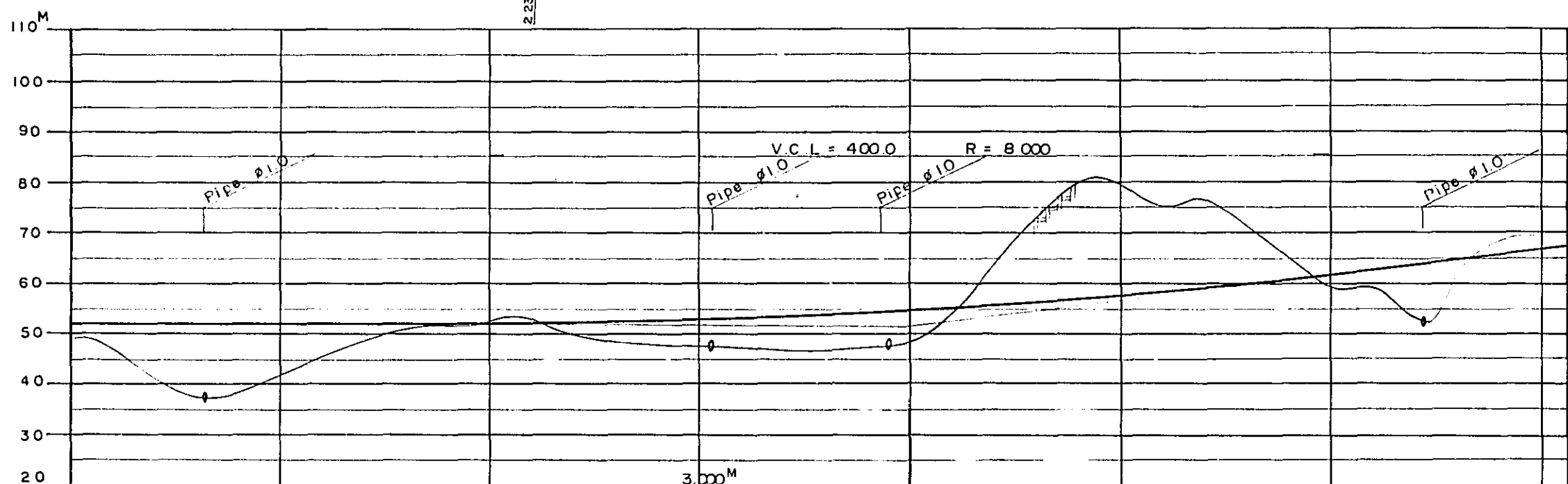
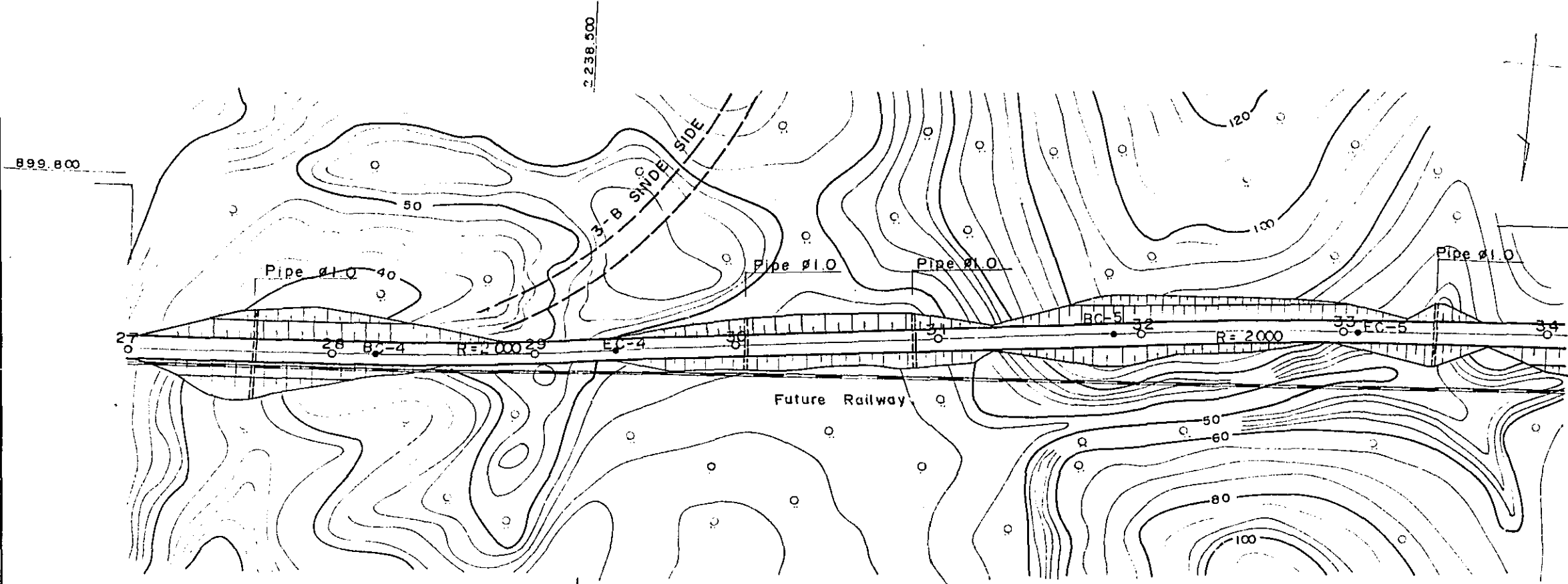


GRADE	LEVEL L = 1.900					
PROPOSED HEIGHT						
GROUND HEIGHT						
STATION	14	15	16	17	18	19
CURVE BAND	R = 300					R = ∞

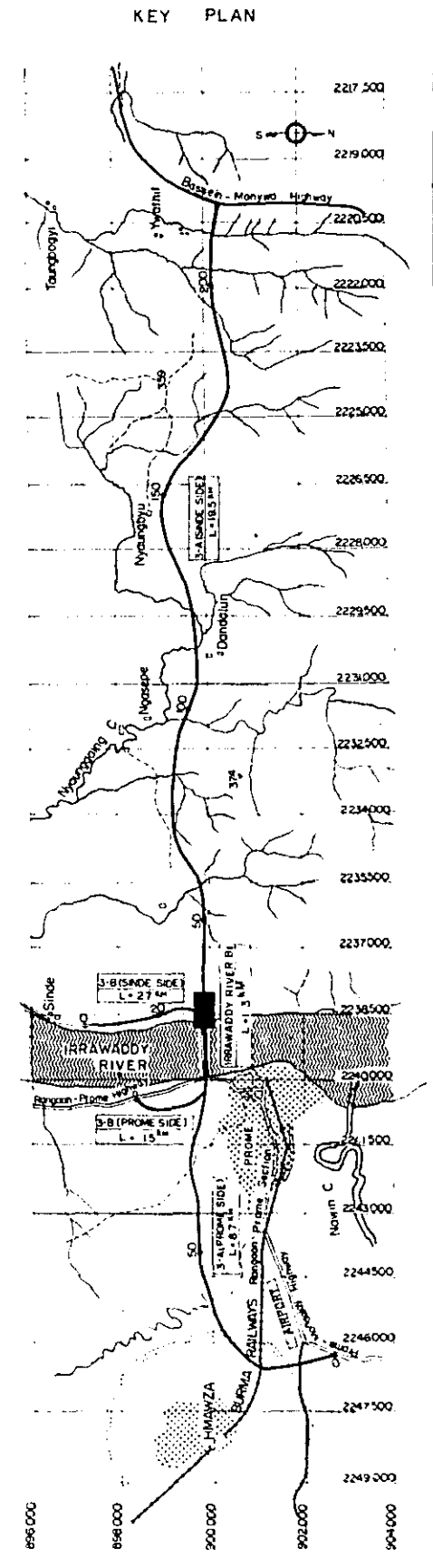
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-4
SCALE	V = 1:1000 H = 1:2500



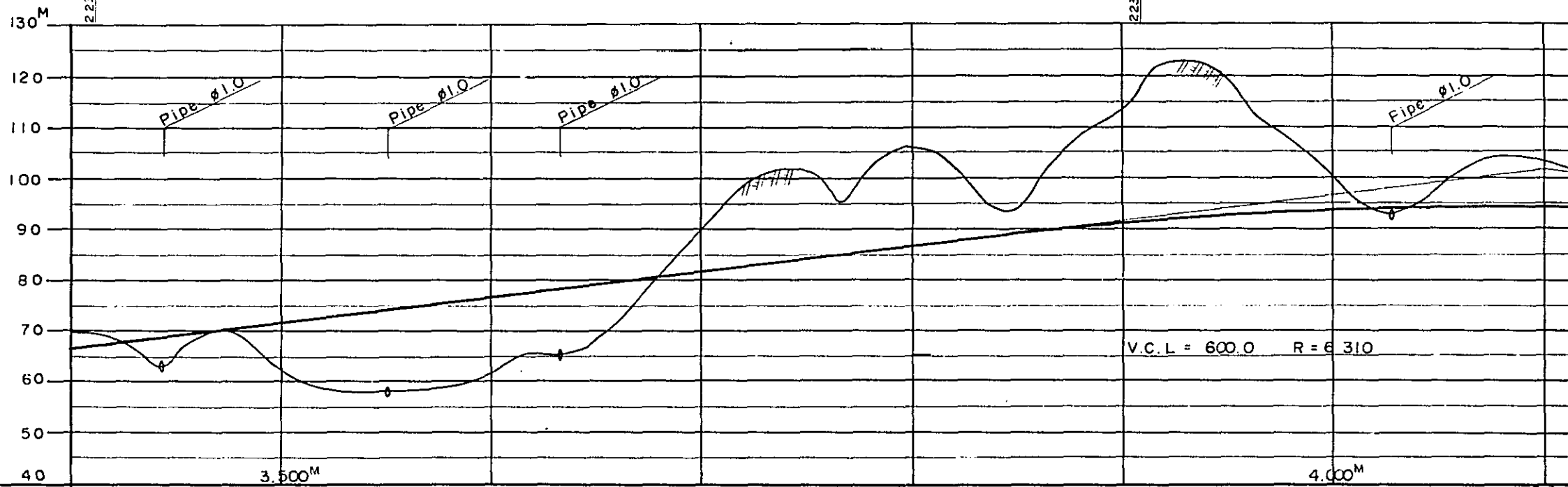
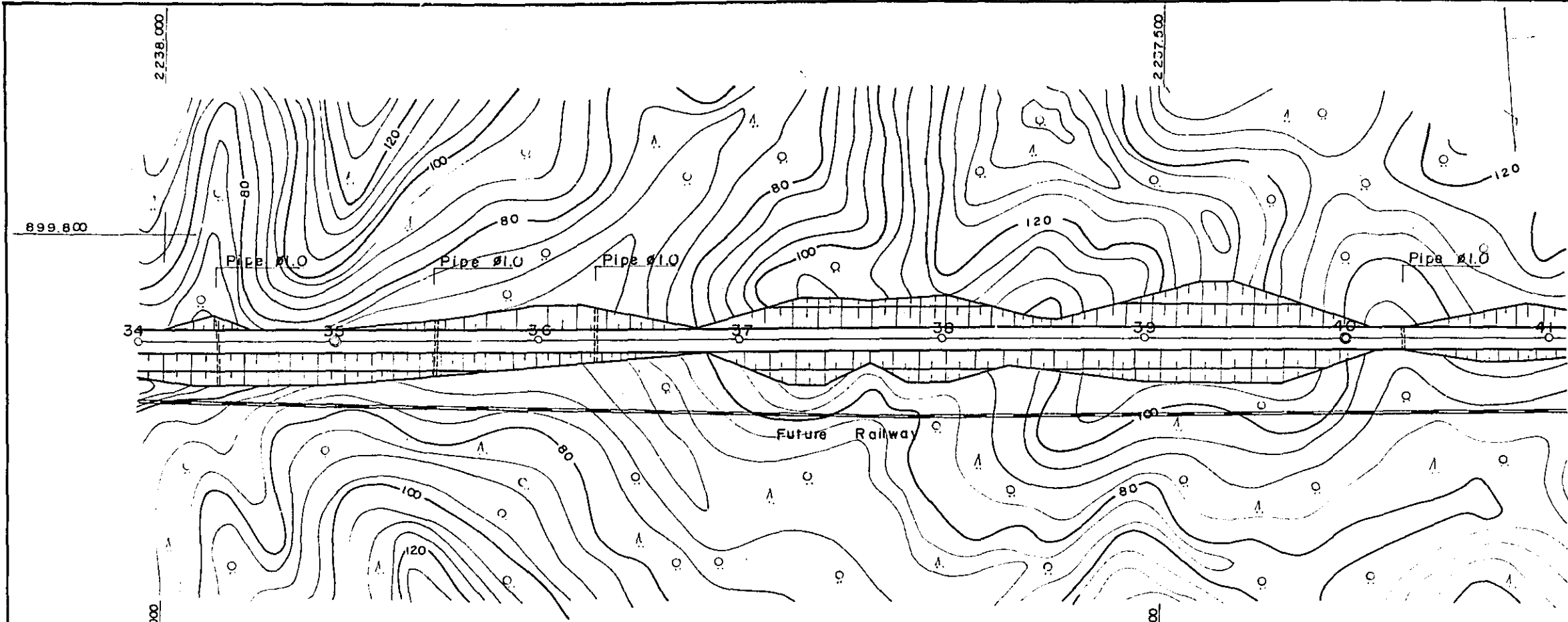
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-5
SCALE	V = 1:1000 H = 1:2500



GRADE	LEVEL L = 1,900.0						
PROPOSED HEIGHT	29	29	30	31	32	33	34
GROUND HEIGHT	42.4	51.90	47.8	48.5	50.0	59.7	66.80
STATION	29	29	30	31	32	33	34
CURVE BAND	R = ∞		R = 2000		R = ∞		R = 2000

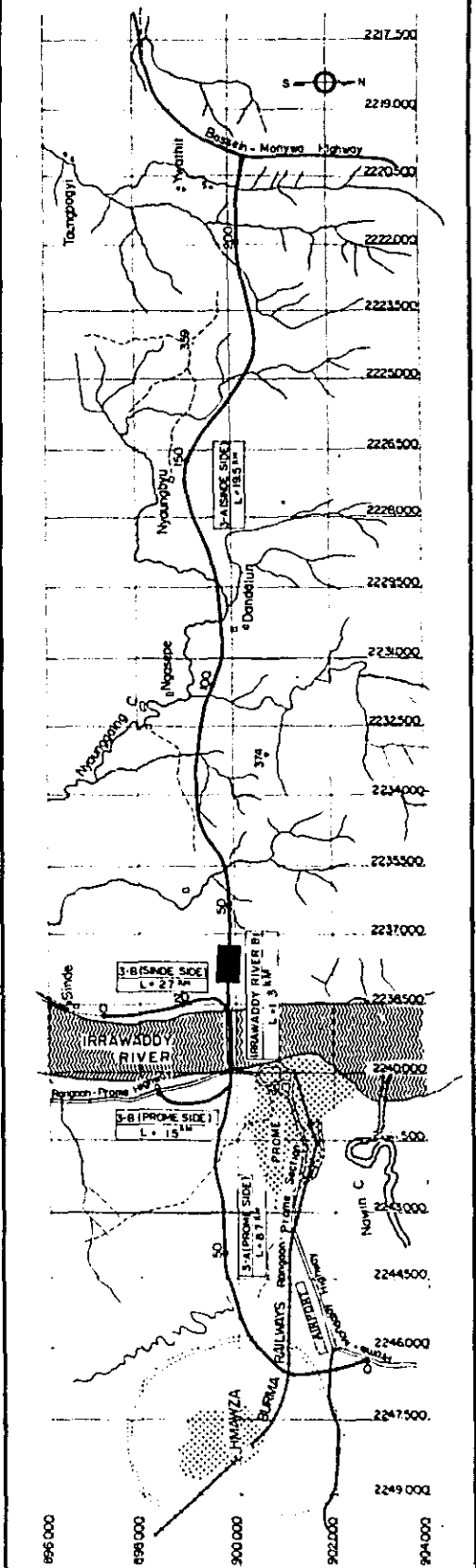


PROJECT	IRRAWADDY RIVER BRIDGE		
SITE NO. 3	FIGURE NO. 6-4-6		
SCALE	V = 1:1000	H = 1:2500	

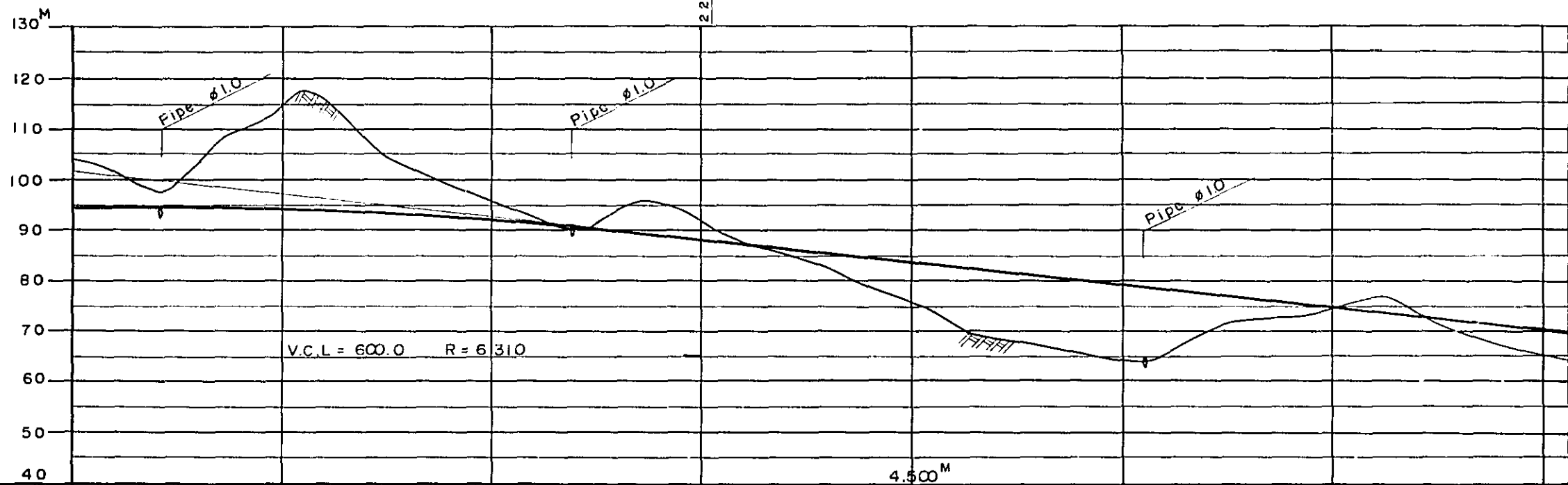
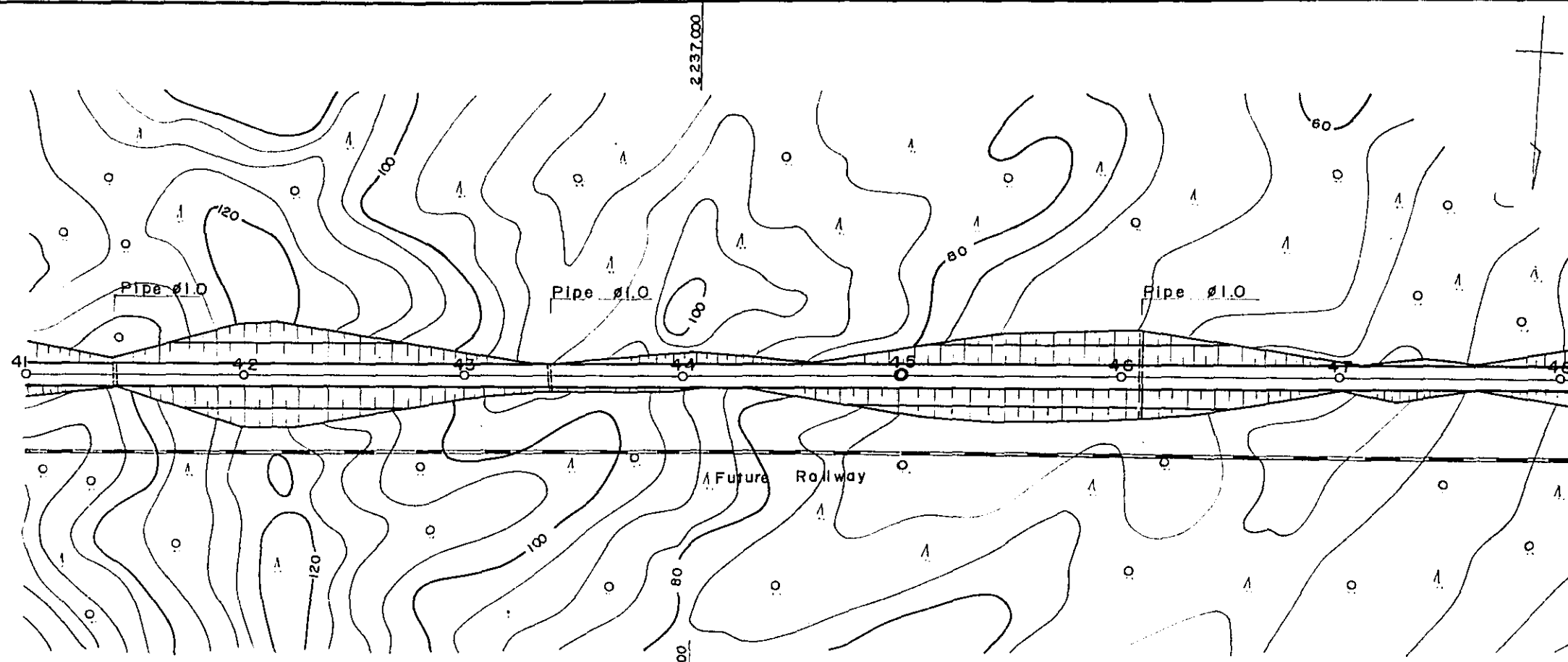


GRADE	$L = 5.00\%$ $L = 1,000.0$					
PROPOSED HEIGHT	71.50	76.90	81.80	86.80	91.01	94.68
GROUND HEIGHT	62.0	61.4	90.2	106.0	100.0	103.8
STATION	35	36	37	38	39	40
CURVE BAND				18		

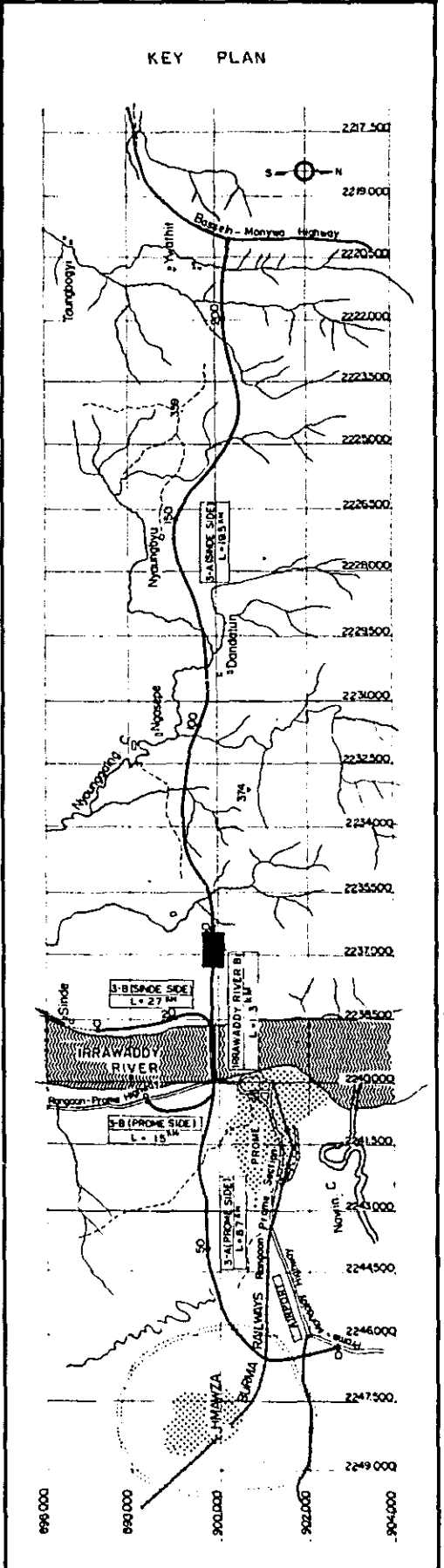
KEY PLAN



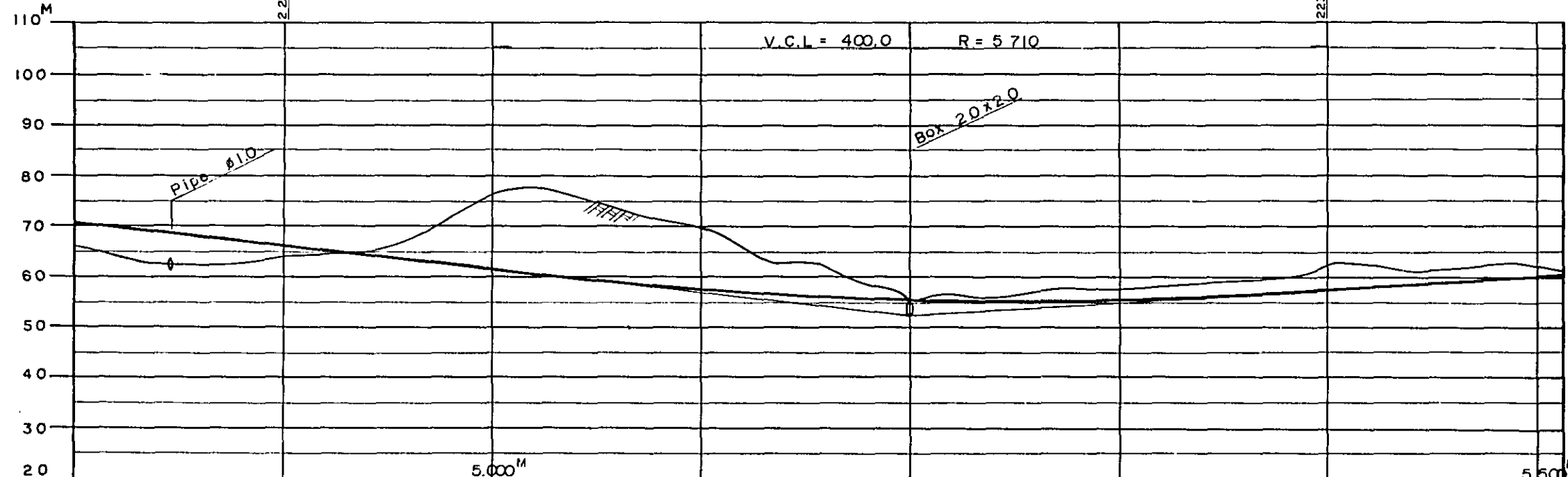
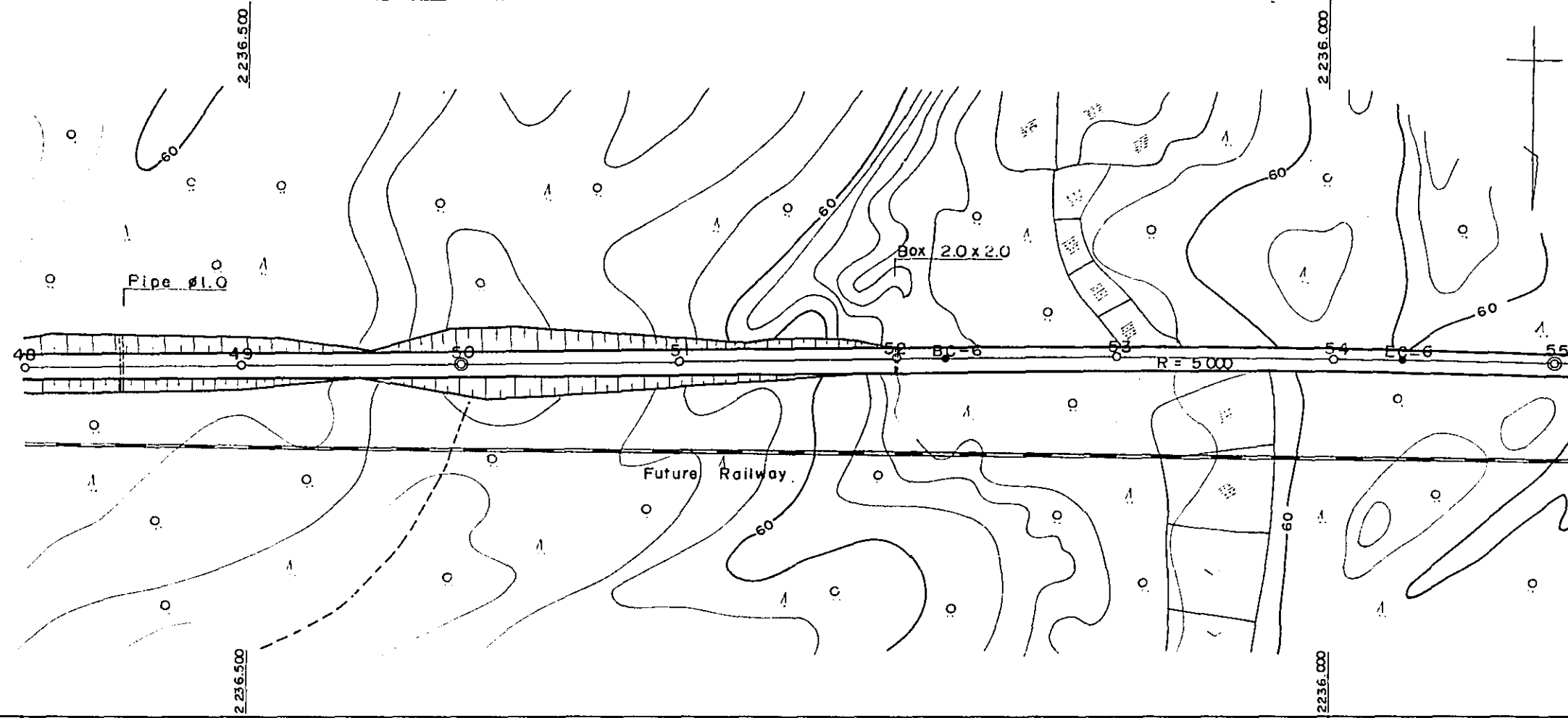
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-7
SCALE	V = 1:1000 H = 1:2500



GRADE	$i = 4.50\%$ $L = 1,100.0$						
PROPOSED HEIGHT	94.13	92.01	88.30	83.80	79.30	74.80	70.30
GROUND HEIGHT	114.6	96.0	91.9	76.5	65.2	74.8	65.9
STATION	42	43	44	45	46	47	48
CURVE BAND	$R = \infty$						

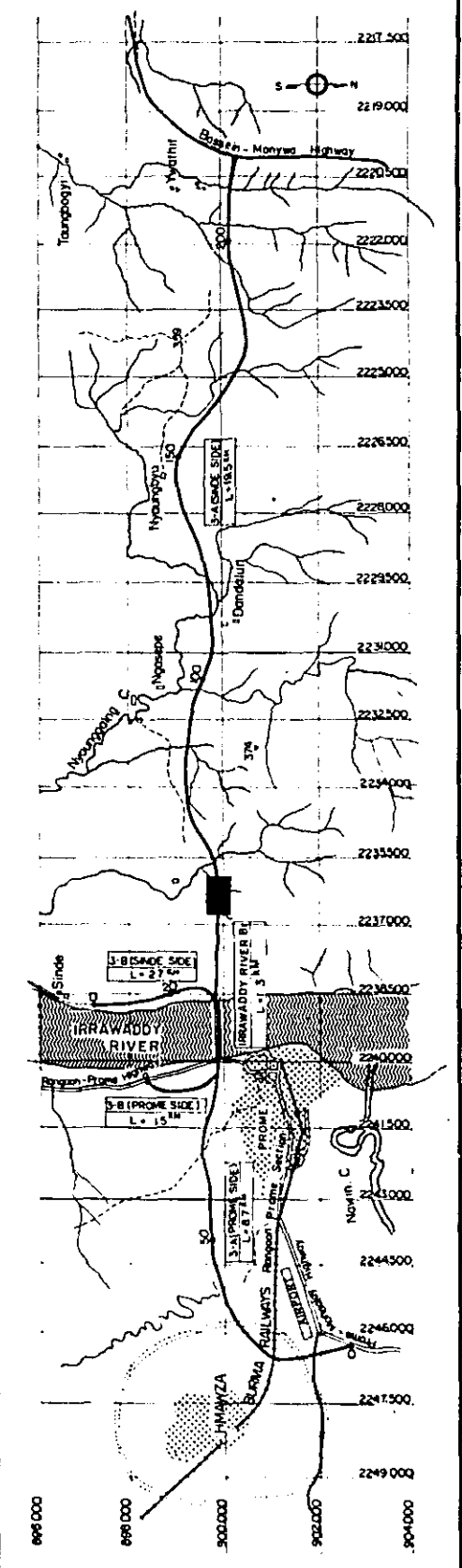


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-8
SCALE	V = 1 : 1000 H = 1 : 2500

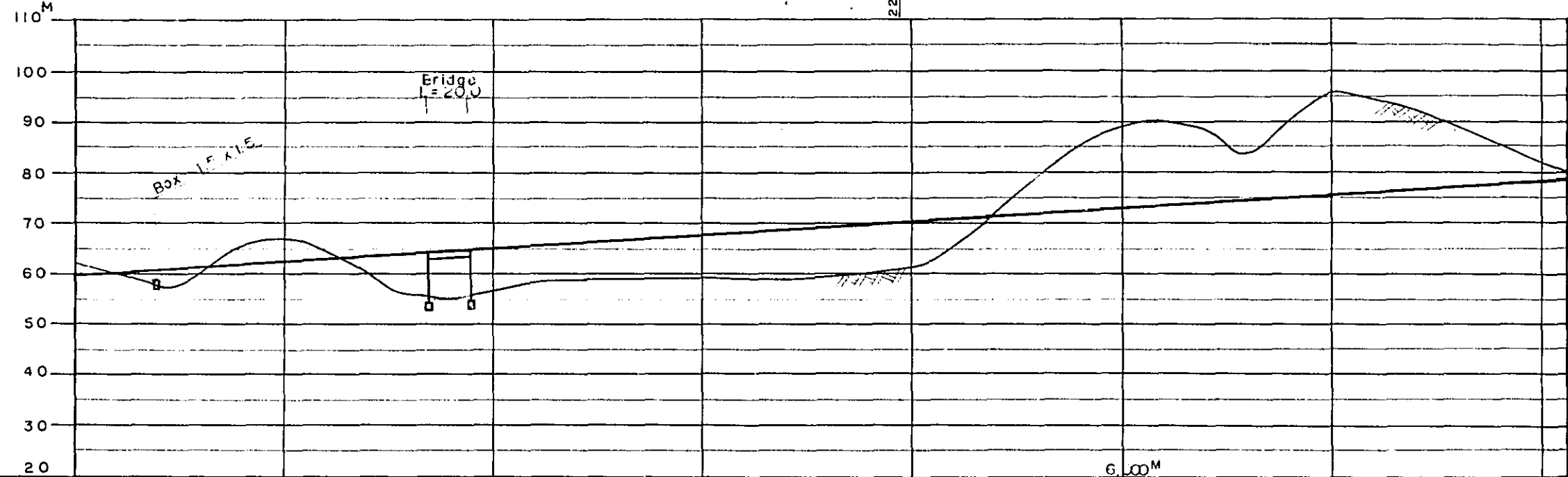
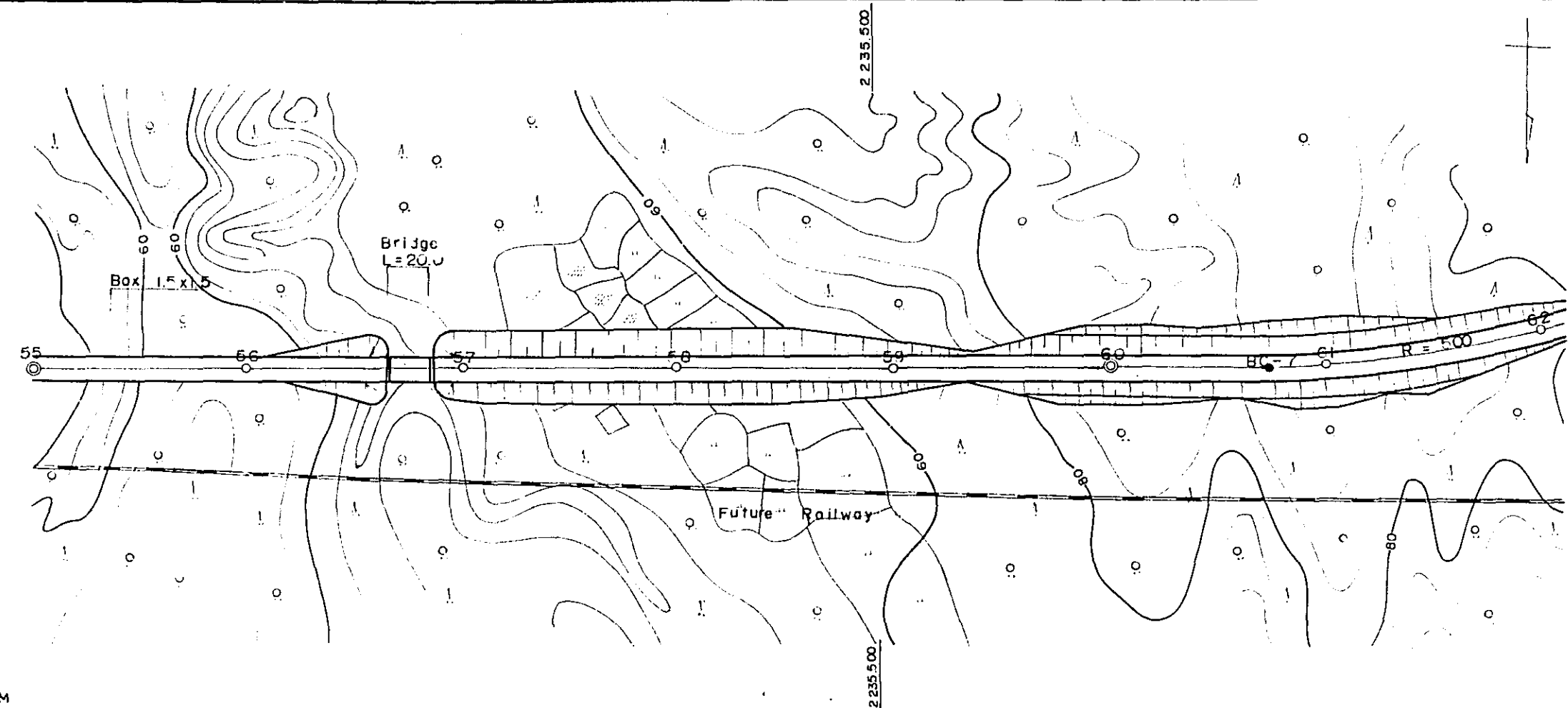


GRADE	$i = 4.50\%$ $L = 100.0$						$i = 2.50\%$ $L = 1400.0$			
PROPOSED HEIGHT	65.80	61.30	57.68	55.80	55.68	57.30	59.80			
GROUND HEIGHT	63.8	76.0	70.0	55.0	57.7	62.3	62.6			
STATION	49	50	51	52	53	54	55			
CURVE BAND	R = ∞			R = 5000				R = ∞		

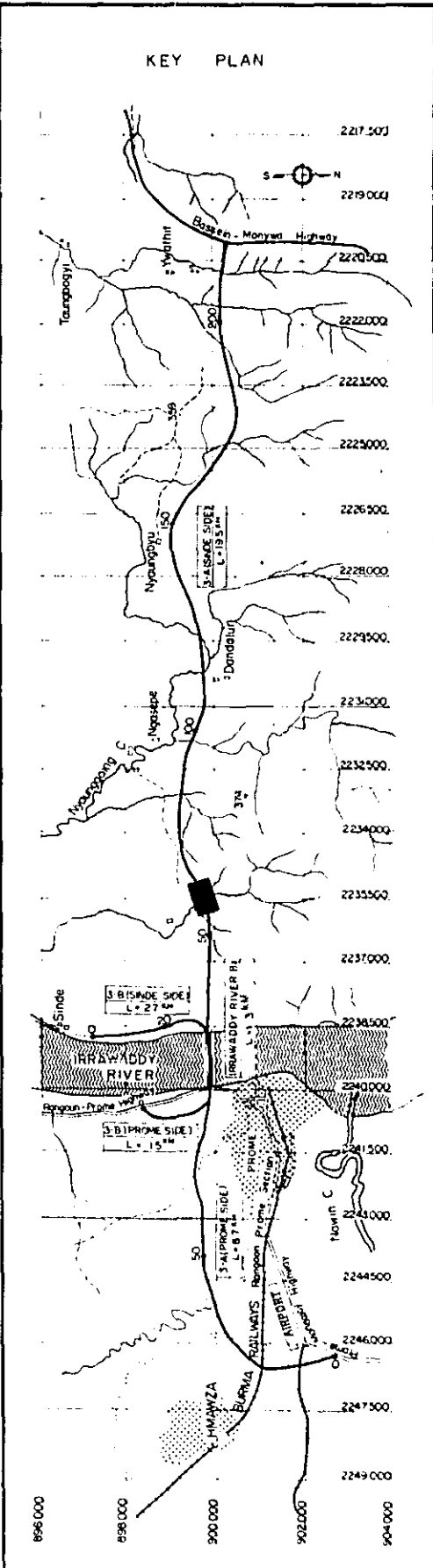
KEY PLAN



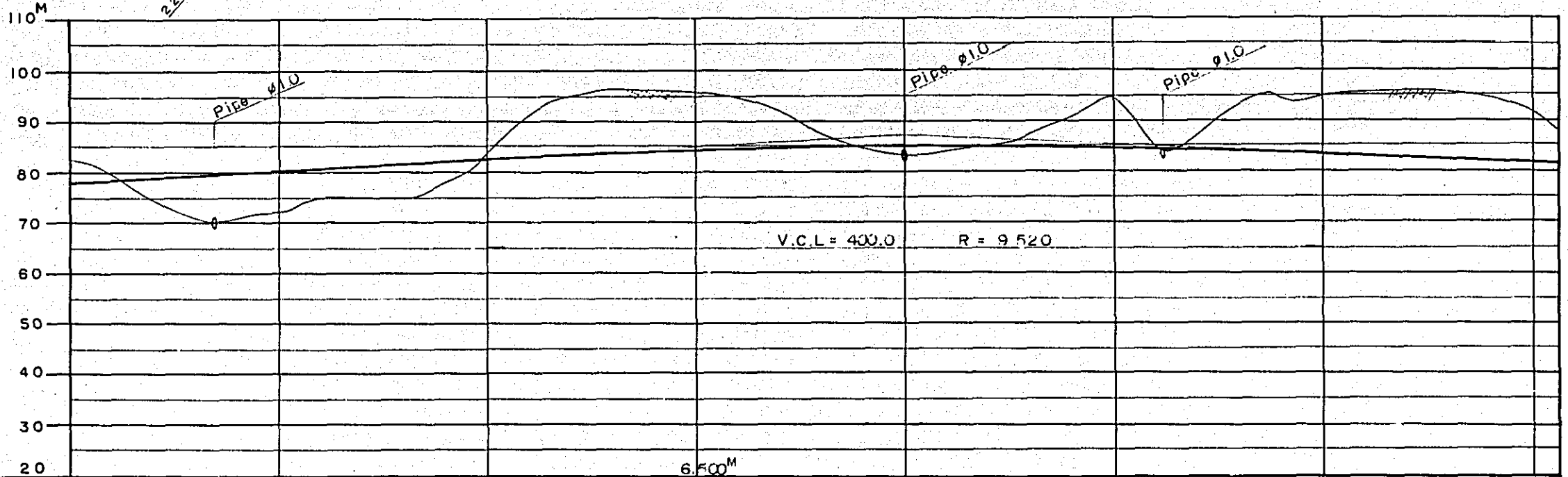
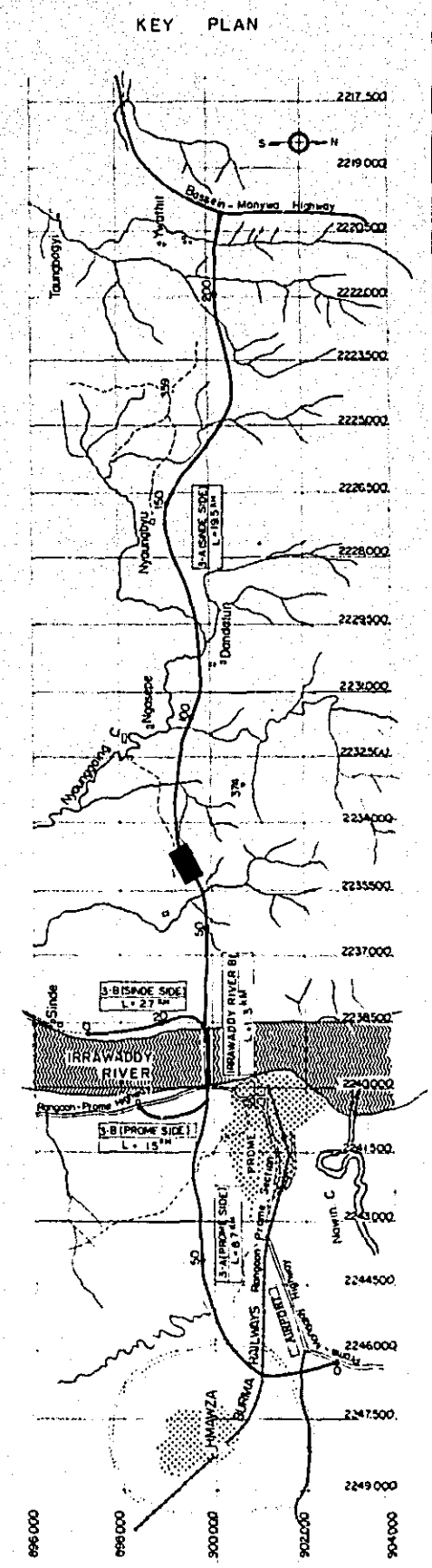
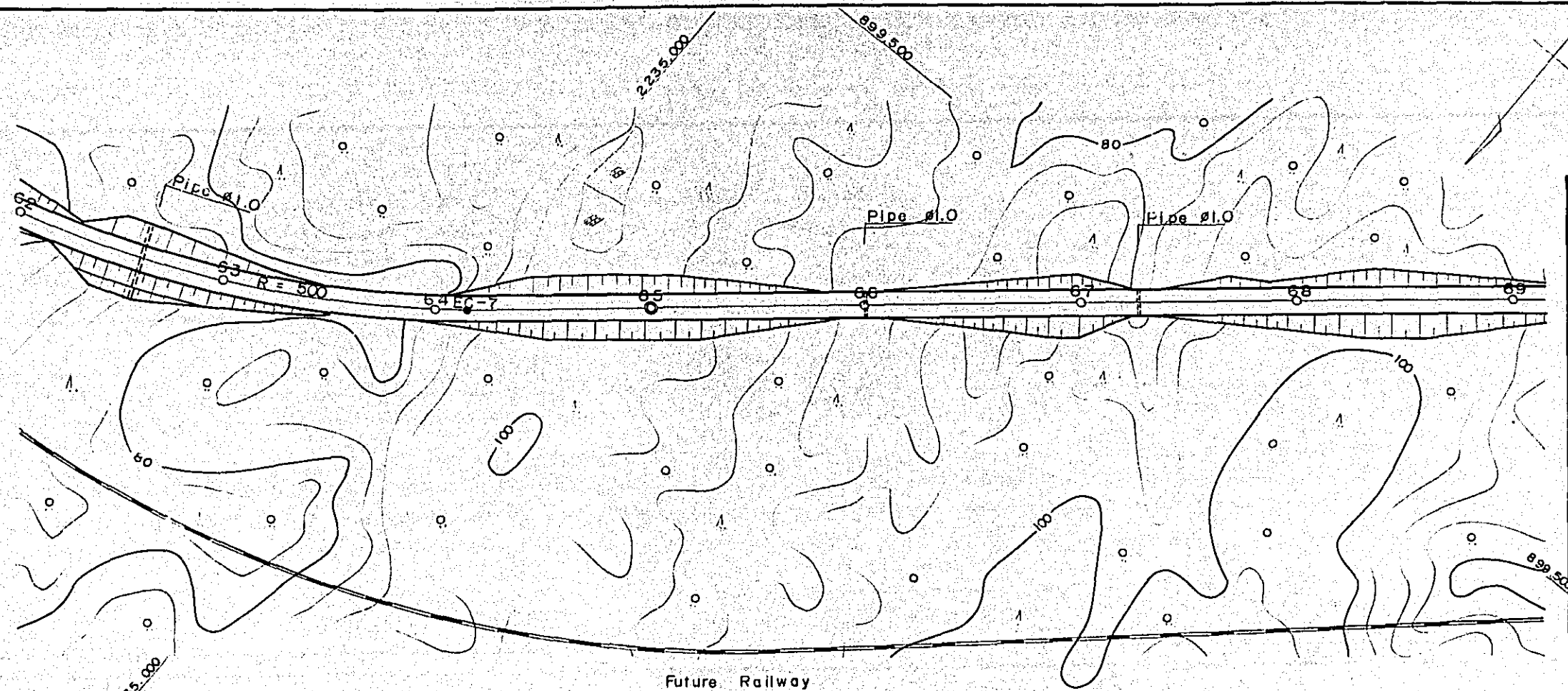
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-9
SCALE	V = 1 : 1000 H = 1 : 2500



GRADE							
PROPOSED HEIGHT		62.30	64.90	67.30	69.90	72.30	74.90
GROUND HEIGHT		67.4	61.90	59.0	62.0	68.9	74.90
STATION	56	57	58	59	60	61	62
CURVE BAND		R = ∞				R = 500	

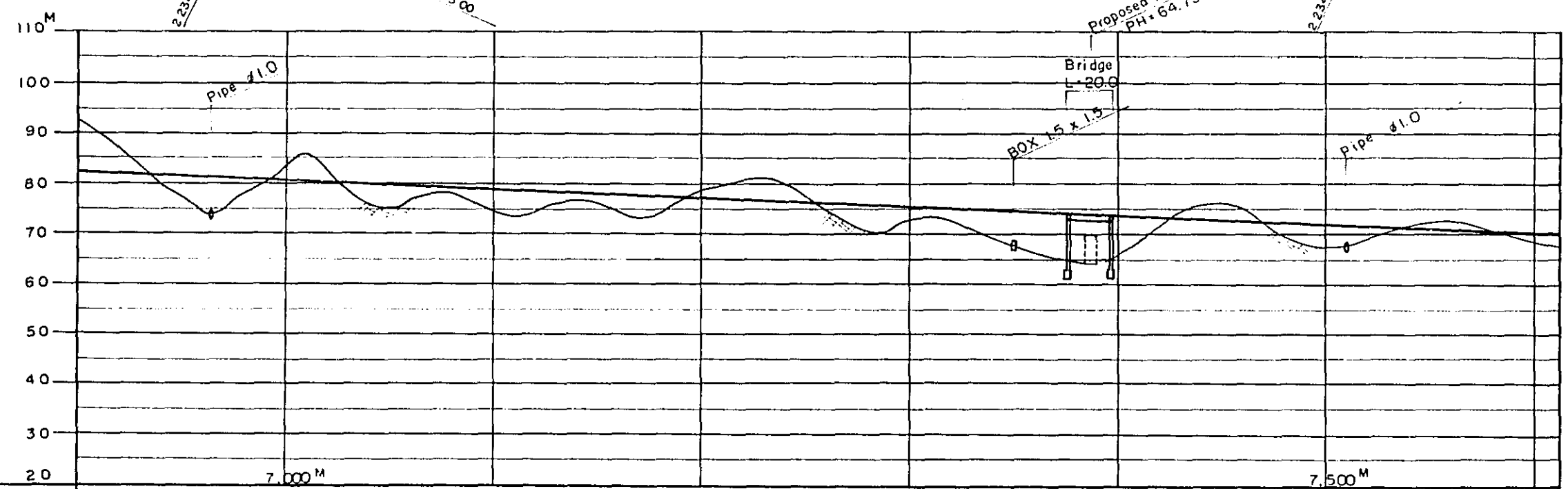
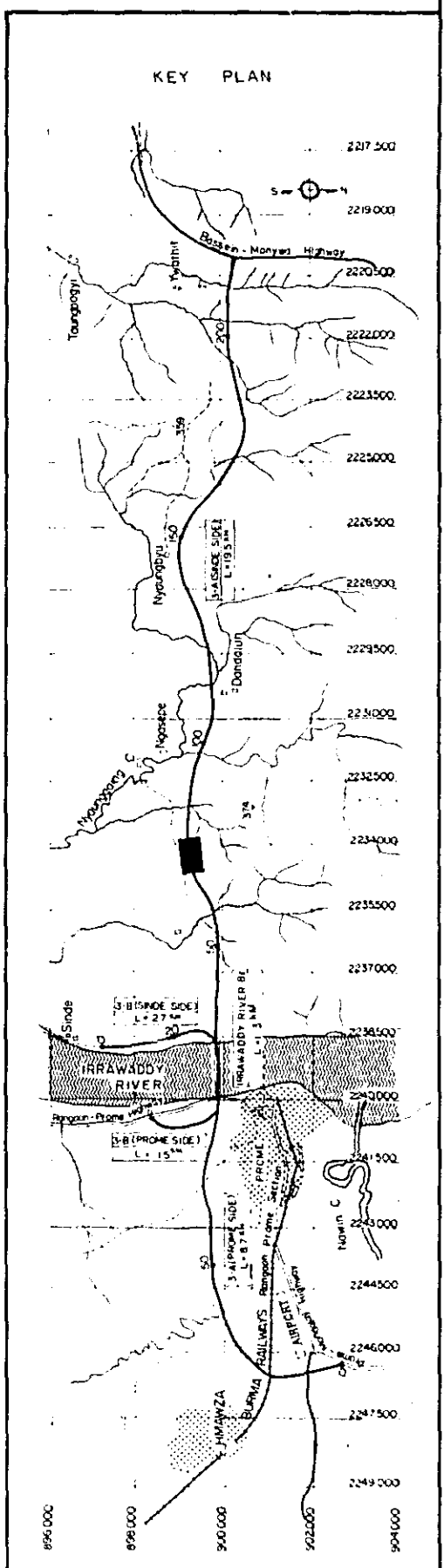
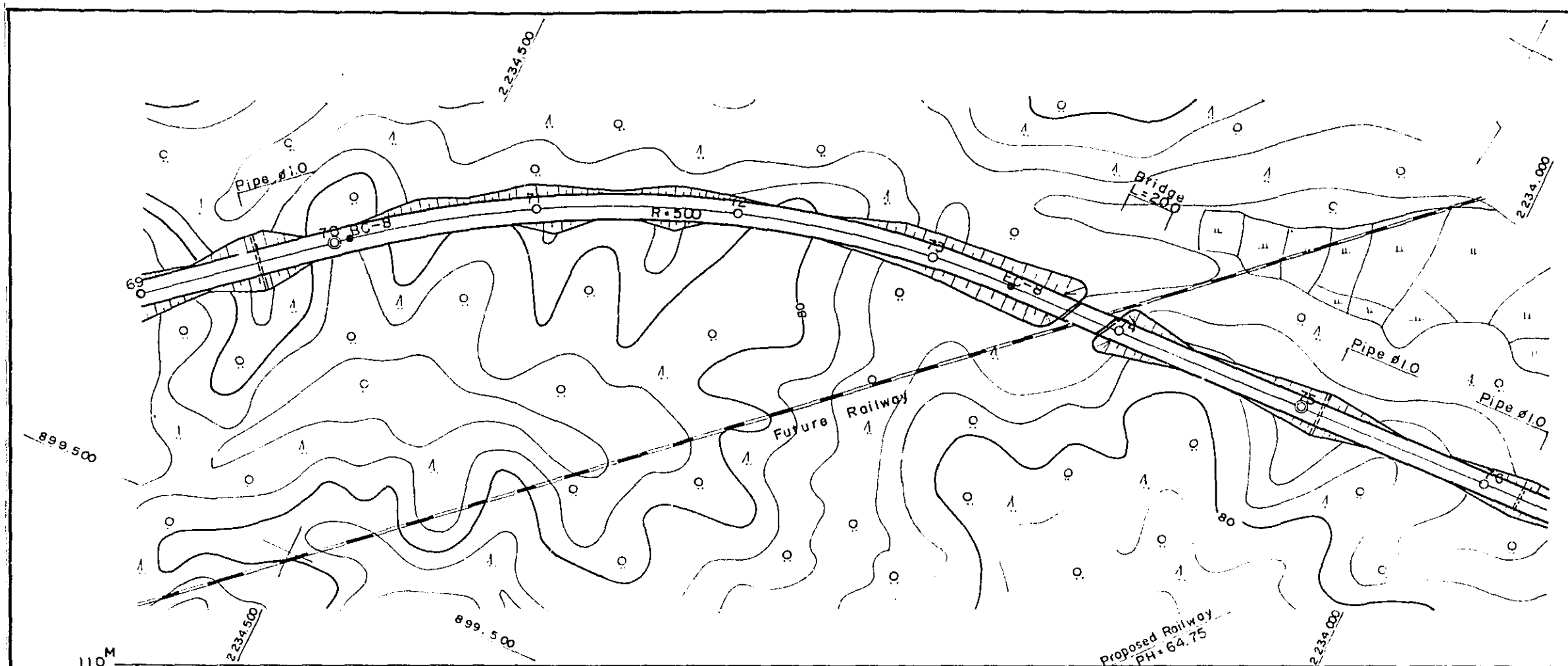


PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-10
 SCALE V = 1:1000 H = 1:2500



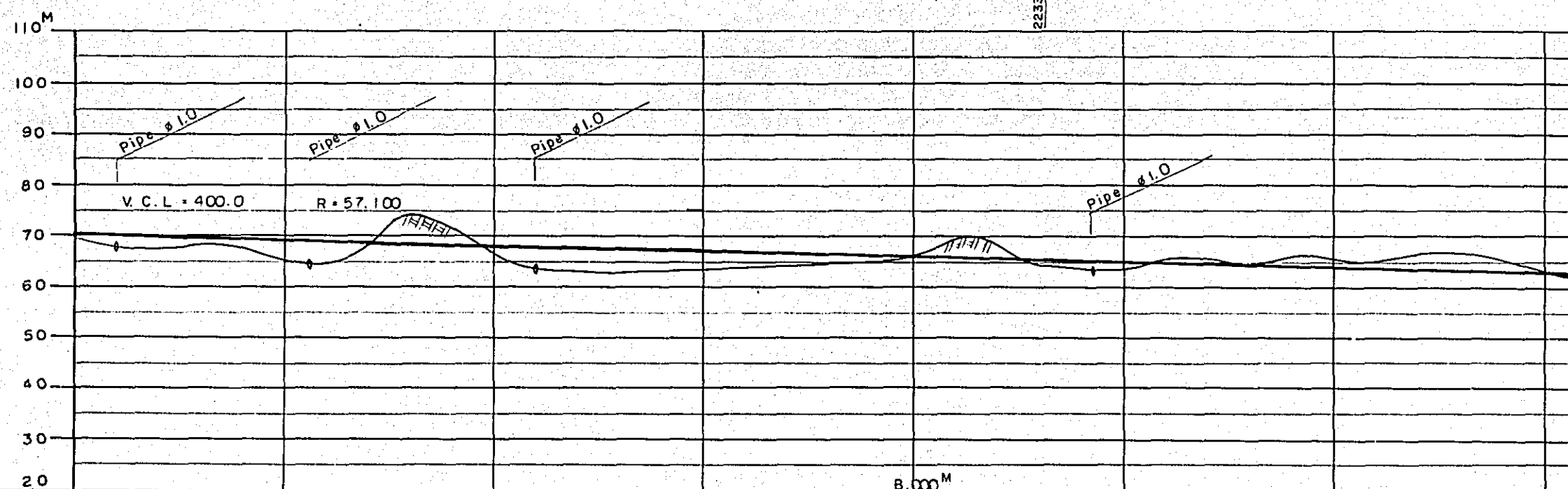
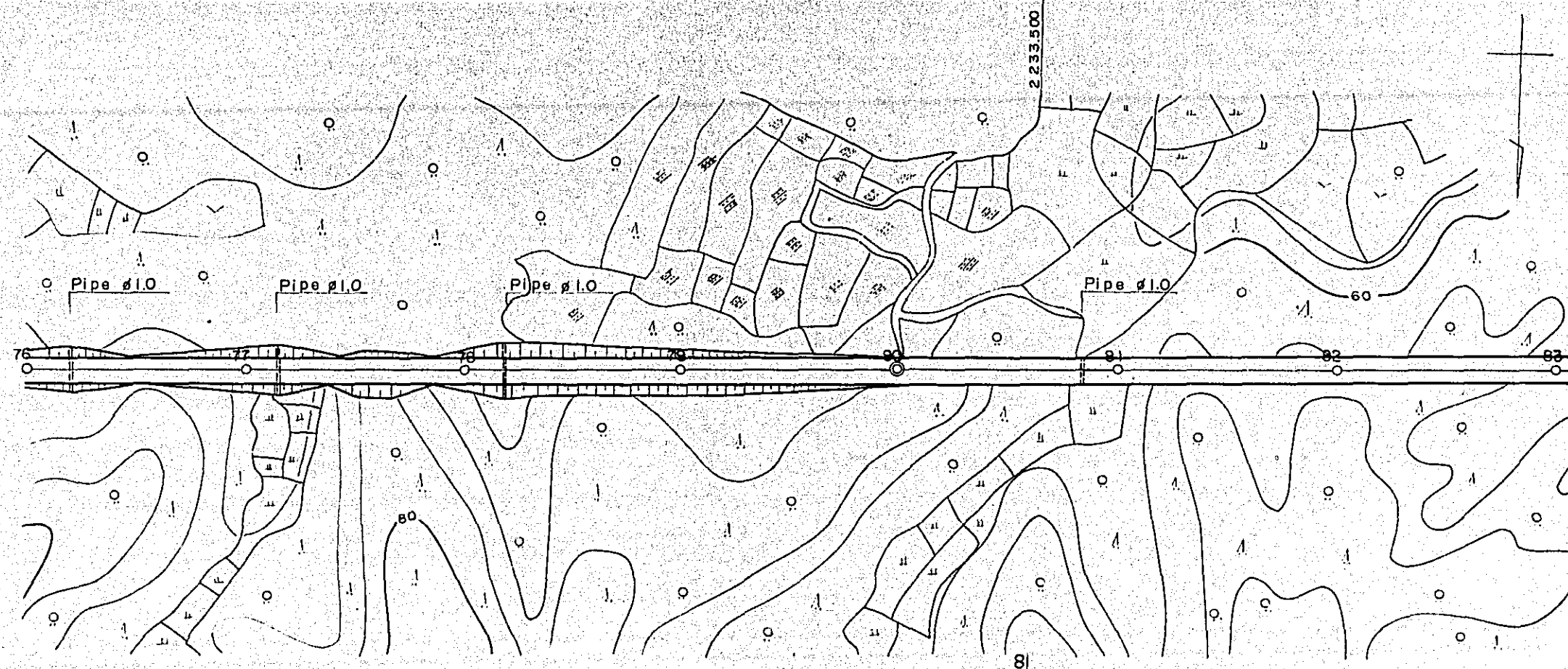
GRADE								
PROPOSED HEIGHT		79.50	92.30		87.30	85.08	83.90	82.20
GROUND HEIGHT		72.0	93.9	94.29	94.0	94.6	95.0	92.0
STATION	62	64	65	66	67	68	69	
CURVE BAND	R = 500			R = 8				

PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-11
 SCALE V = 1:1000 H = 1:2500



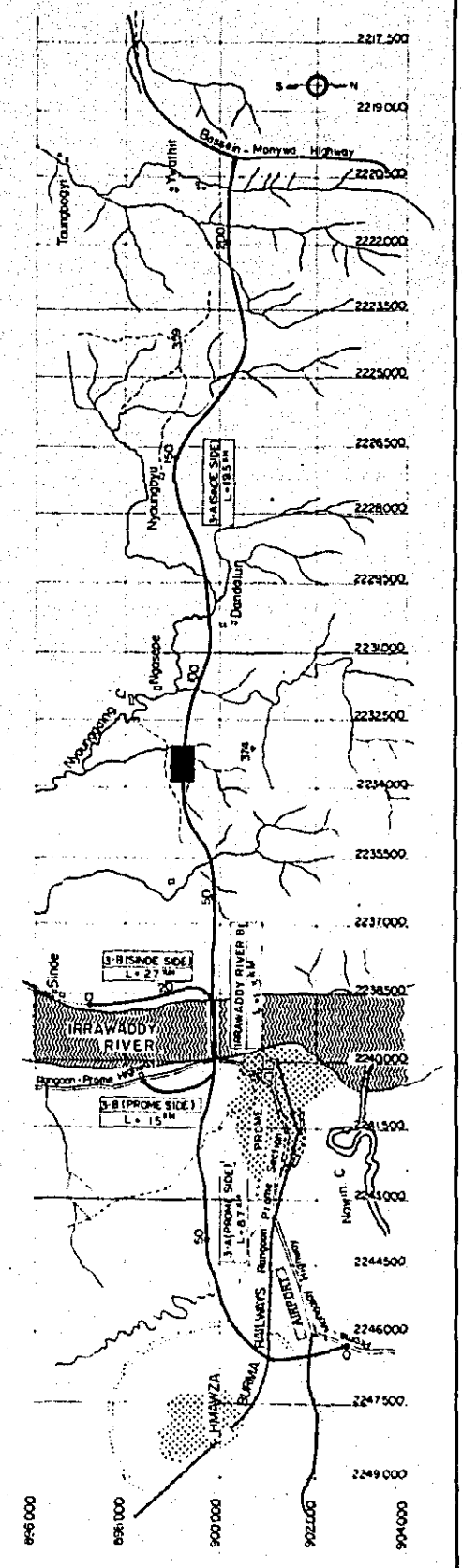
GRADE	$i = 1.70\%$ $L = 1100.0$						
PROPOSED HEIGHT	70	71	72	73	74	75	76
GROUND HEIGHT	80.50	78.80	77.10	75.40	73.70	72.00	70.39
STATION	70	71	72	73	74	75	76
CURVE BAND	R = 500						

PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-12
 SCALE V = 1:1000 H = 1:2500

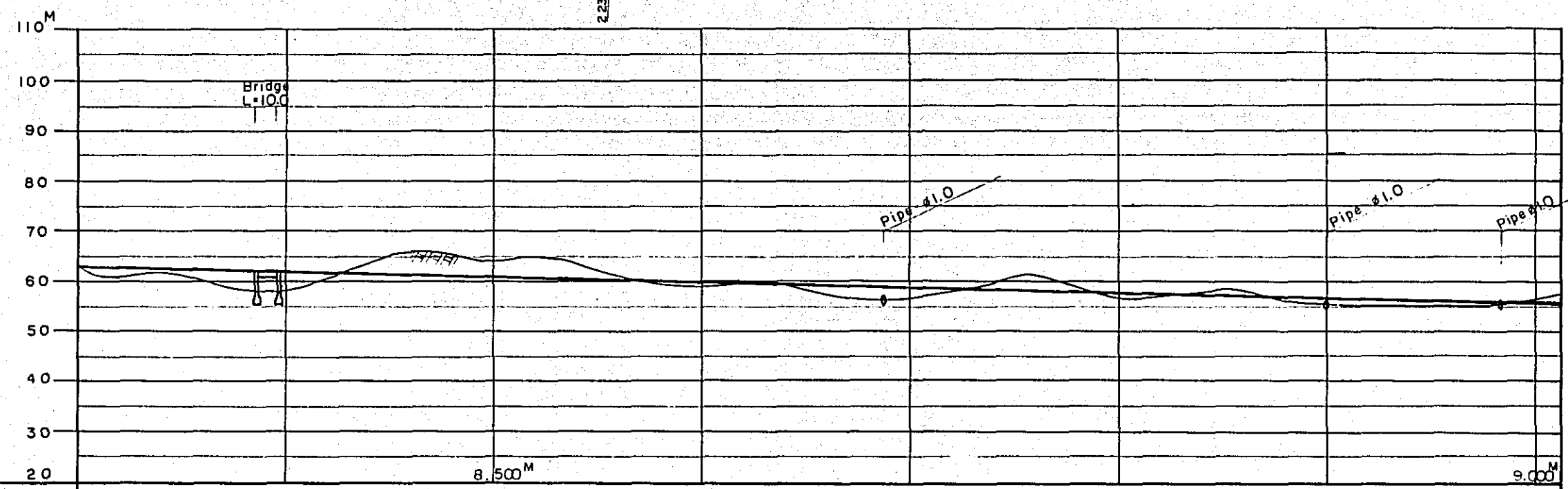
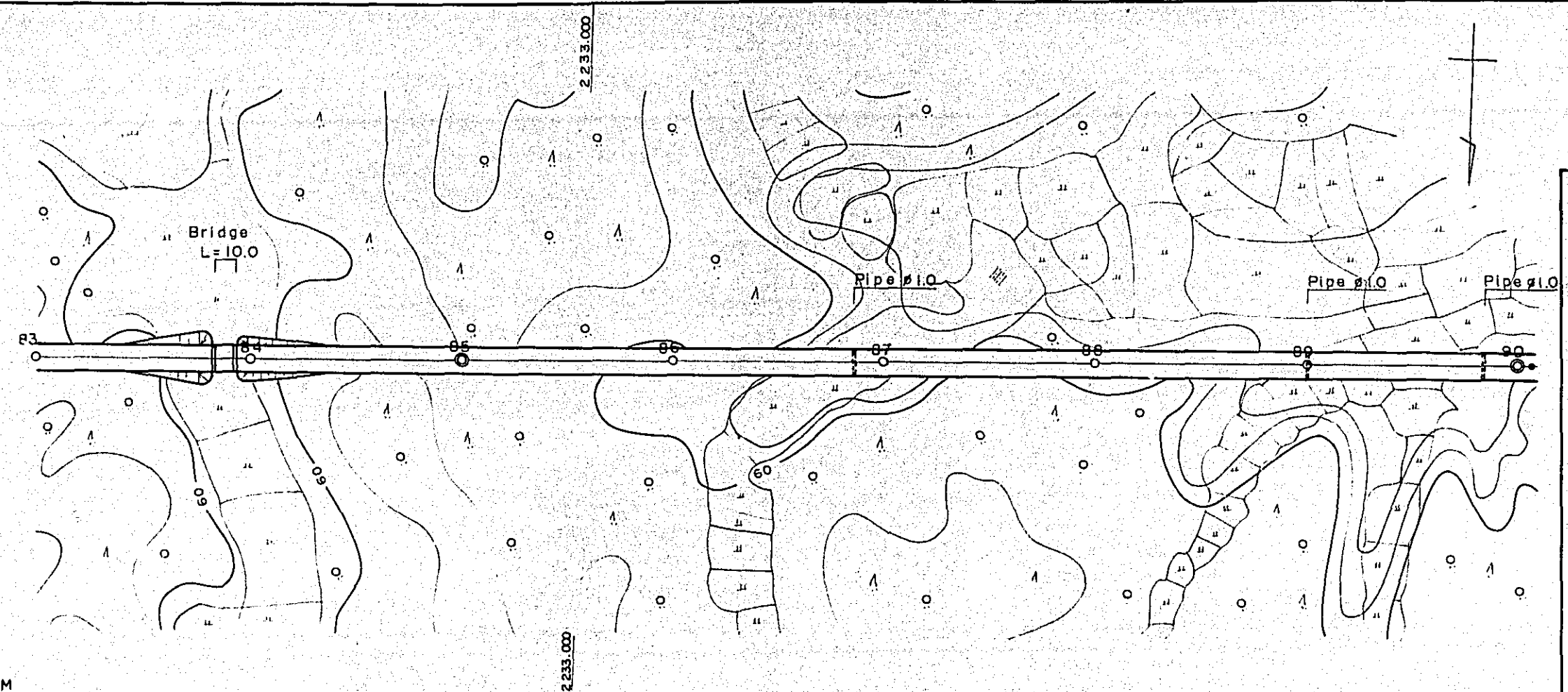


GRADE	$i = 1.70\%$		$L = 1,100.0$		$i = 1.00\%$		$L = 1,400.0$	
PROPOSED HEIGHT	68.60	68.35	67.69	66.60	65.60	64.66	63.60	62.60
GROUND HEIGHT	64.3	65.5	66.2	66.0	63.6	65.5	62.5	62.60
STATION	77	78	79	80	81	82	83	
CURVE BAND	R = ∞		R = ∞		R = ∞		R = ∞	

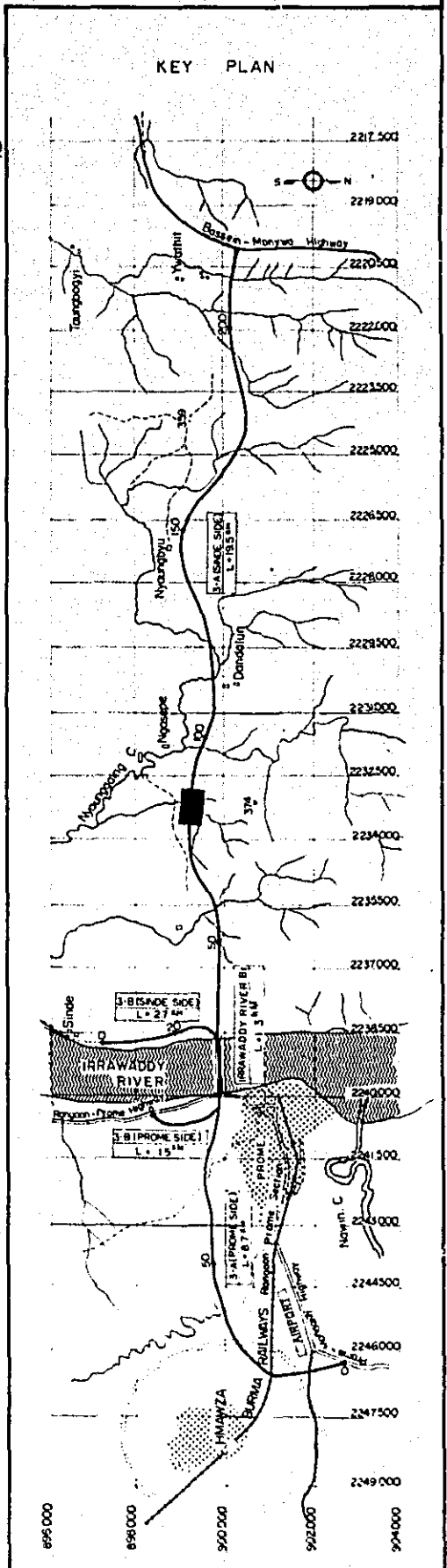
KEY PLAN



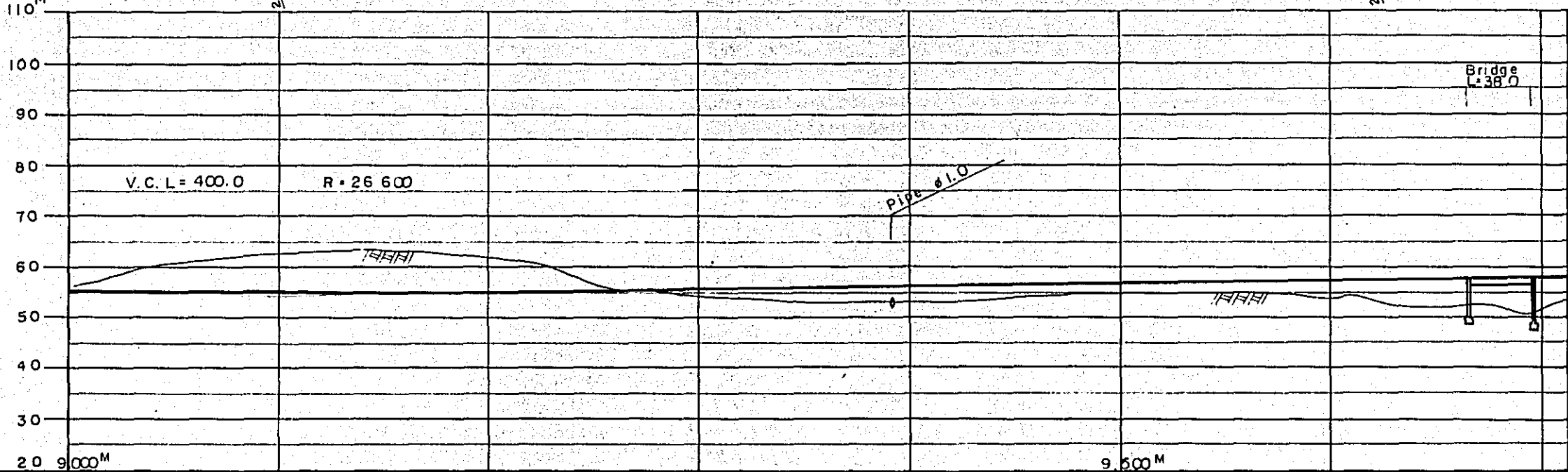
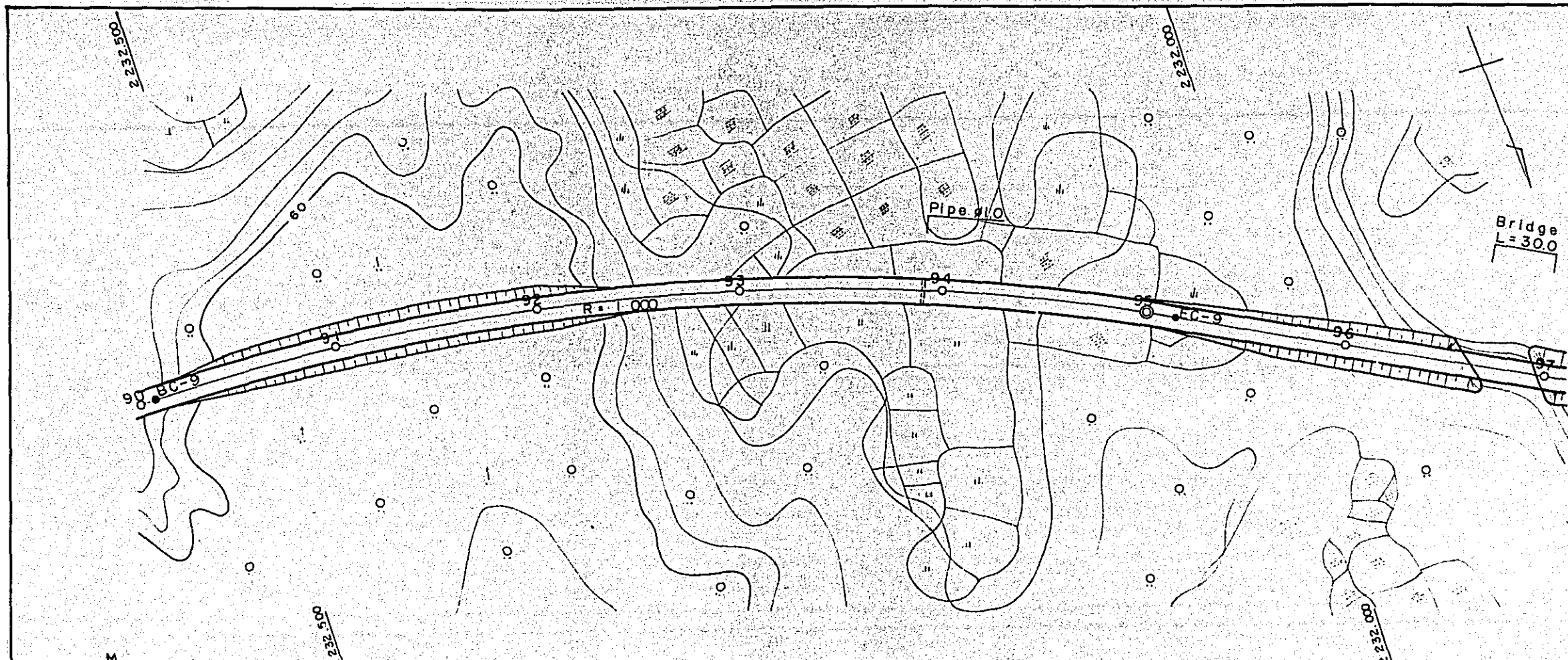
PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-13
 SCALE V = 1:1000 H = 1:2500



GRADE							
PROPOSED HEIGHT	84	85	86	87	88	89	90
GROUND HEIGHT	58.4	61.3	58.9	57.2	56.8	55.3	56.4
STATION	84	85	86	87	88	89	90
CURVE BAND	R=8						

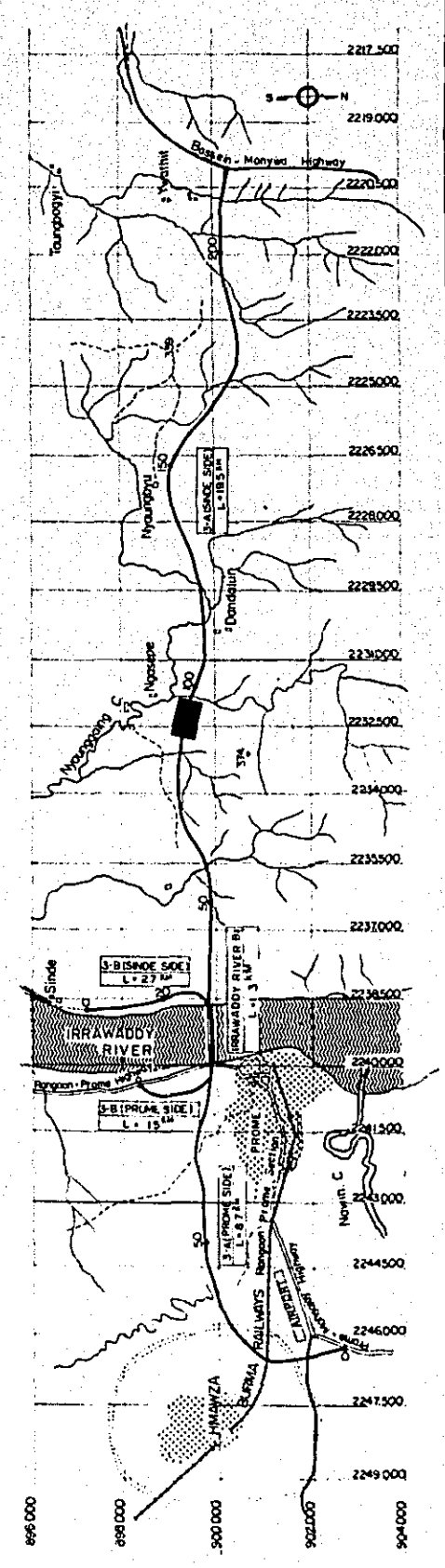


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-14
SCALE	V = 1:1000 H = 1:2500

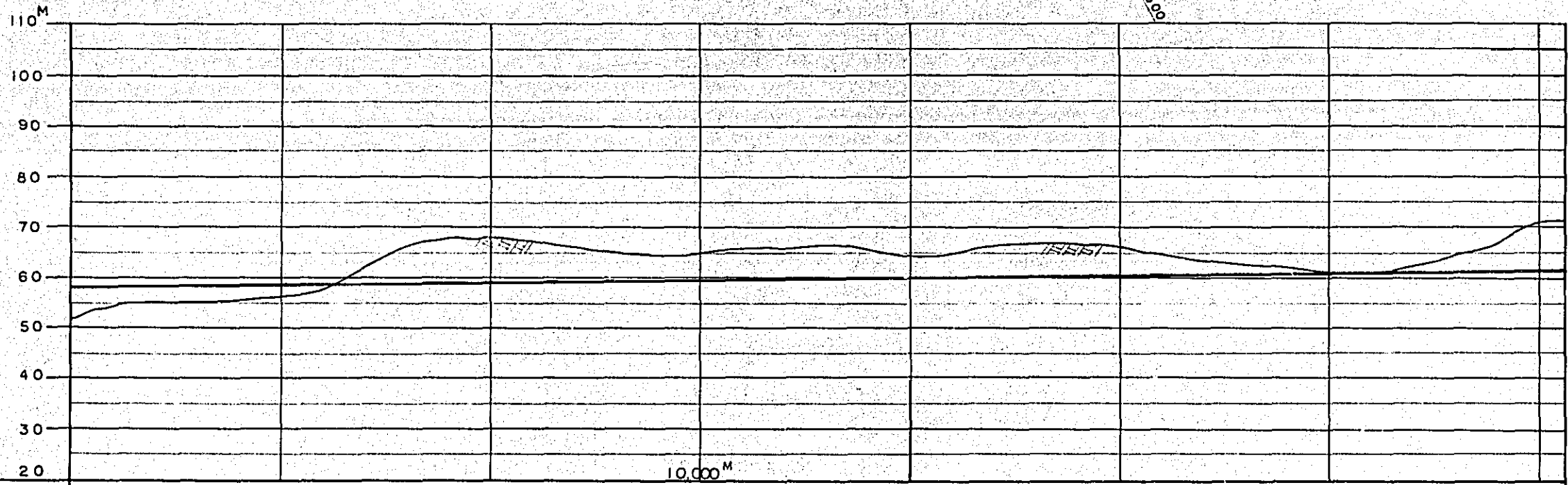
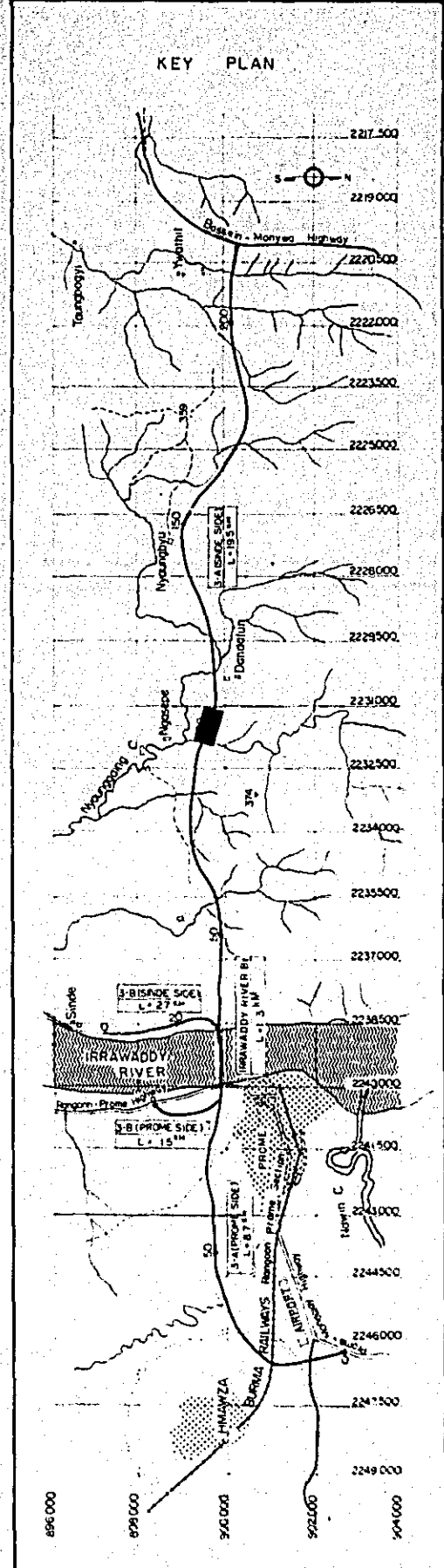
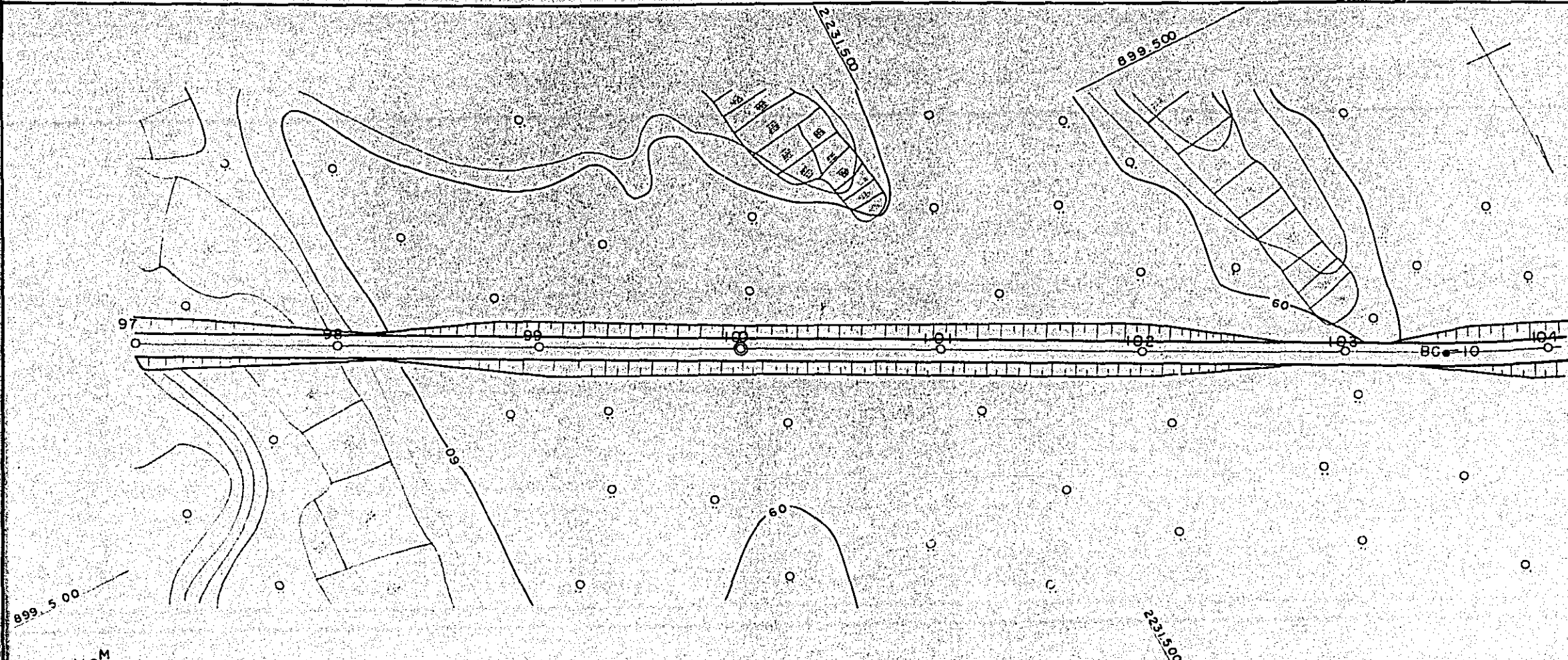


GRADE	$i = 1.00\%$ $L = 1,400.0$		$i = 0.50\%$ $L = 1,700.0$	
PROPOSED HEIGHT	54.60	55.35	56.10	56.60
GROUND HEIGHT	62.8	61.8	54.3	55.0
STATION	91	92	93	94
CURVE BAND	$R = 1,000$			

KEY PLAN



PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-15
 SCALE V = 1:1000 H = 1:2500

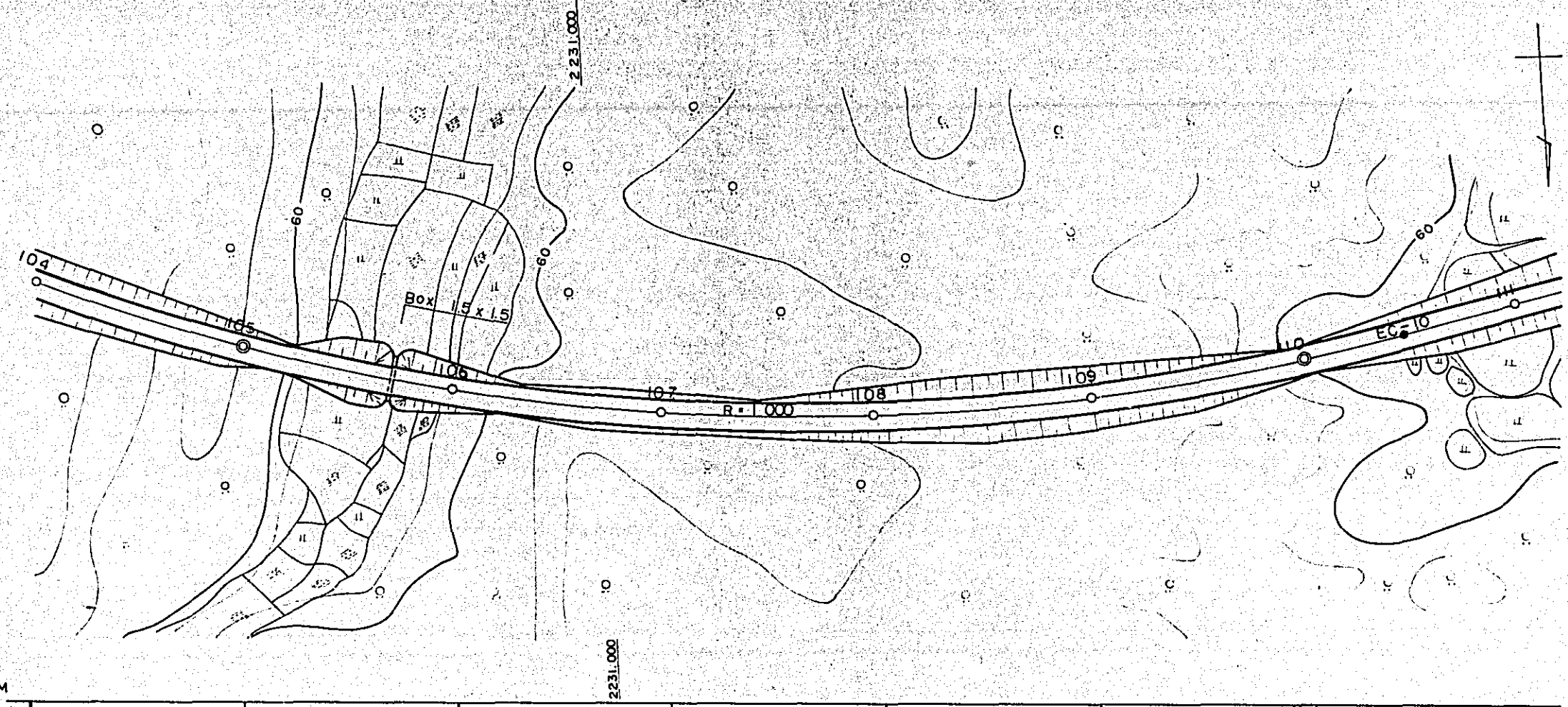


GRADE							
PROPOSED HEIGHT							
GROUND HEIGHT							
STATION	98	99	100	101	102	103	104
CURVE BAND	R = 8						

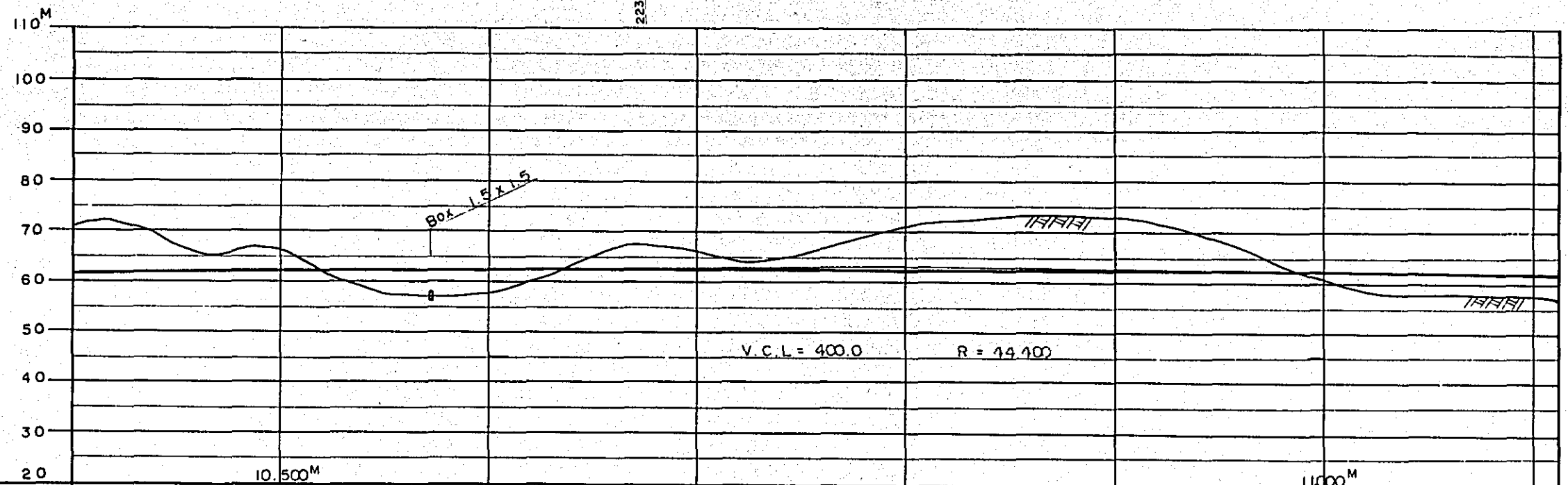
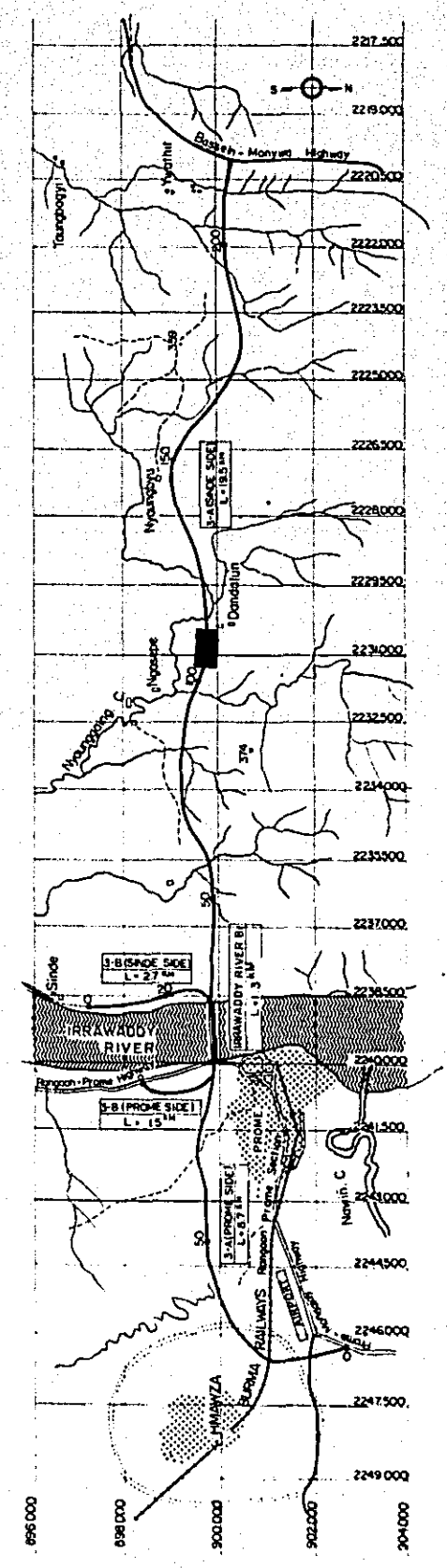
10,000 M

$i = 0.50\%$
 $L = 1,700.0$

PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-16
SCALE	V = 1:1000 H = 1:2500

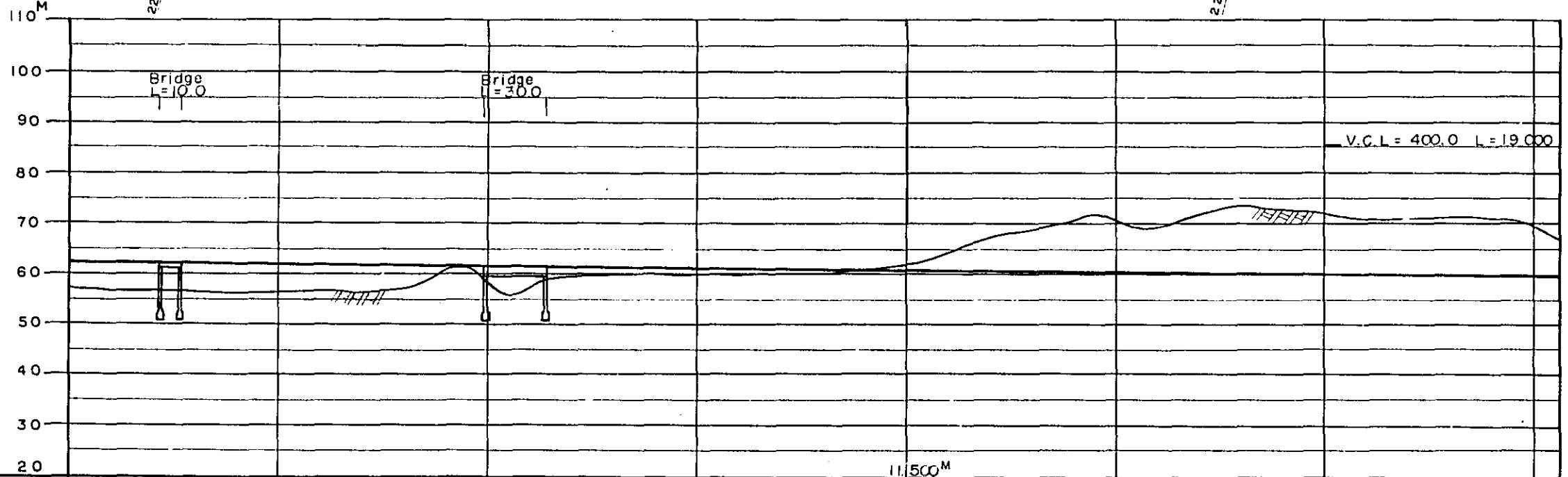
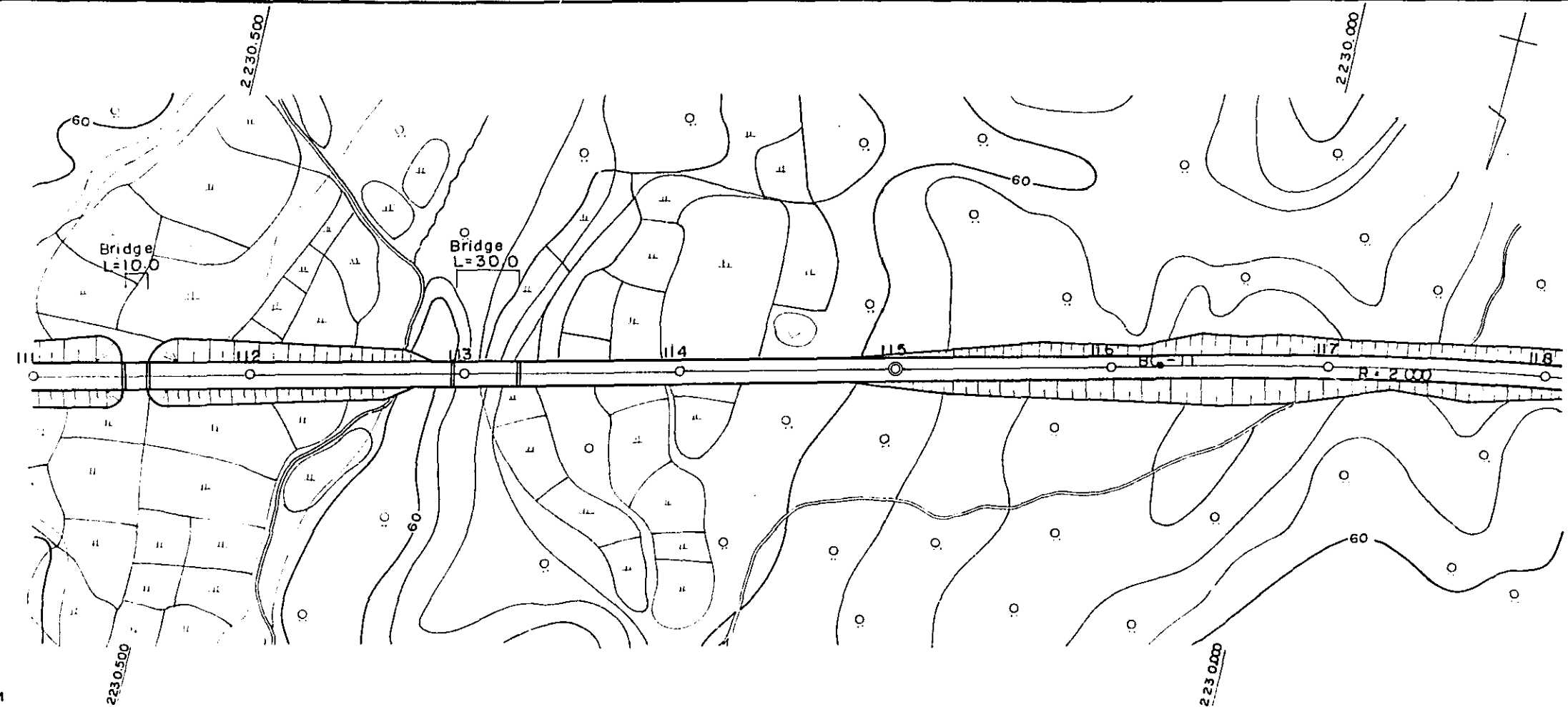


KEY PLAN

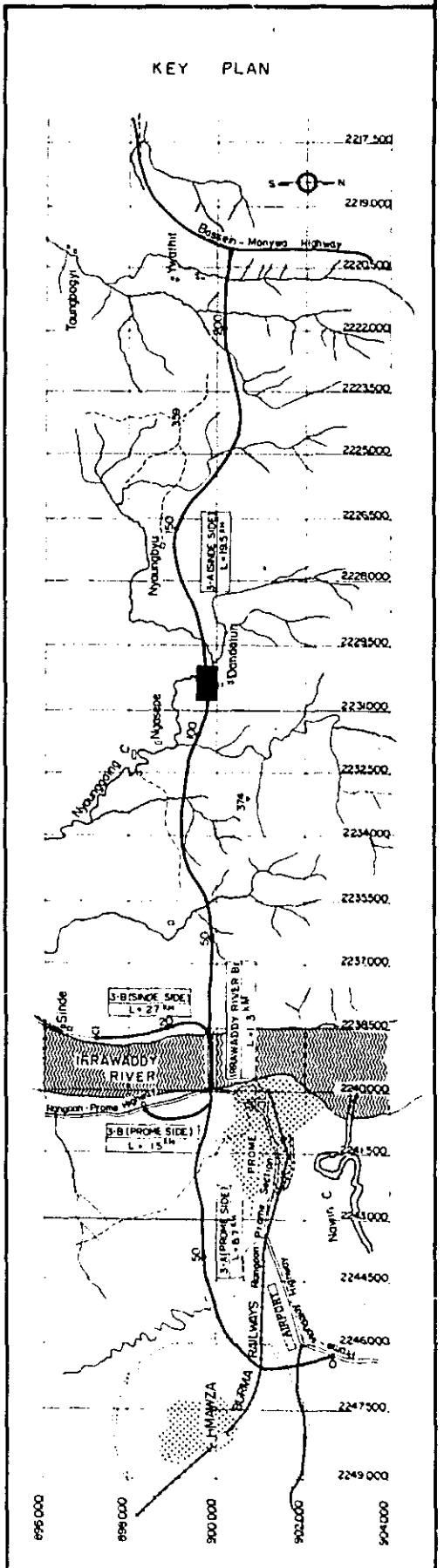


GRADE	1 = 0.50% L = 1,700.0		1 = 0.40% L = 1,100.0				
PROPOSED HEIGHT	61.60	62.10	62.49	62.30	61.90		
GROUND HEIGHT	65.5	58.3	66.0	73.2	57.3		
STATION	105	106	107	108	109	110	111
CURVE BAND	R = 1000						

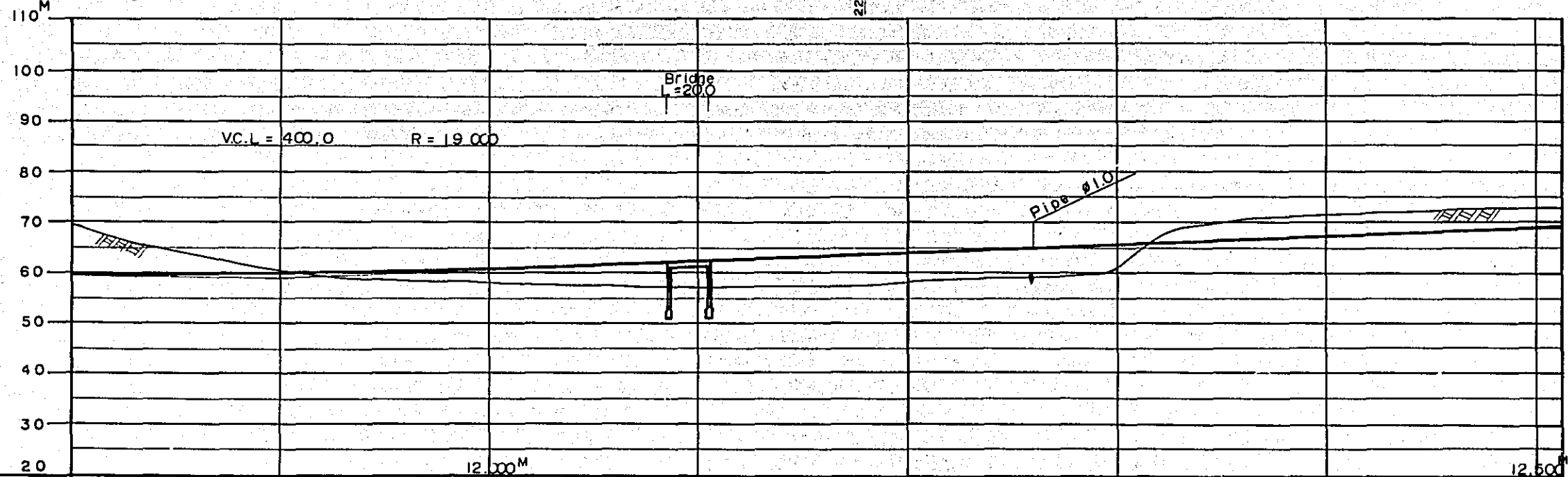
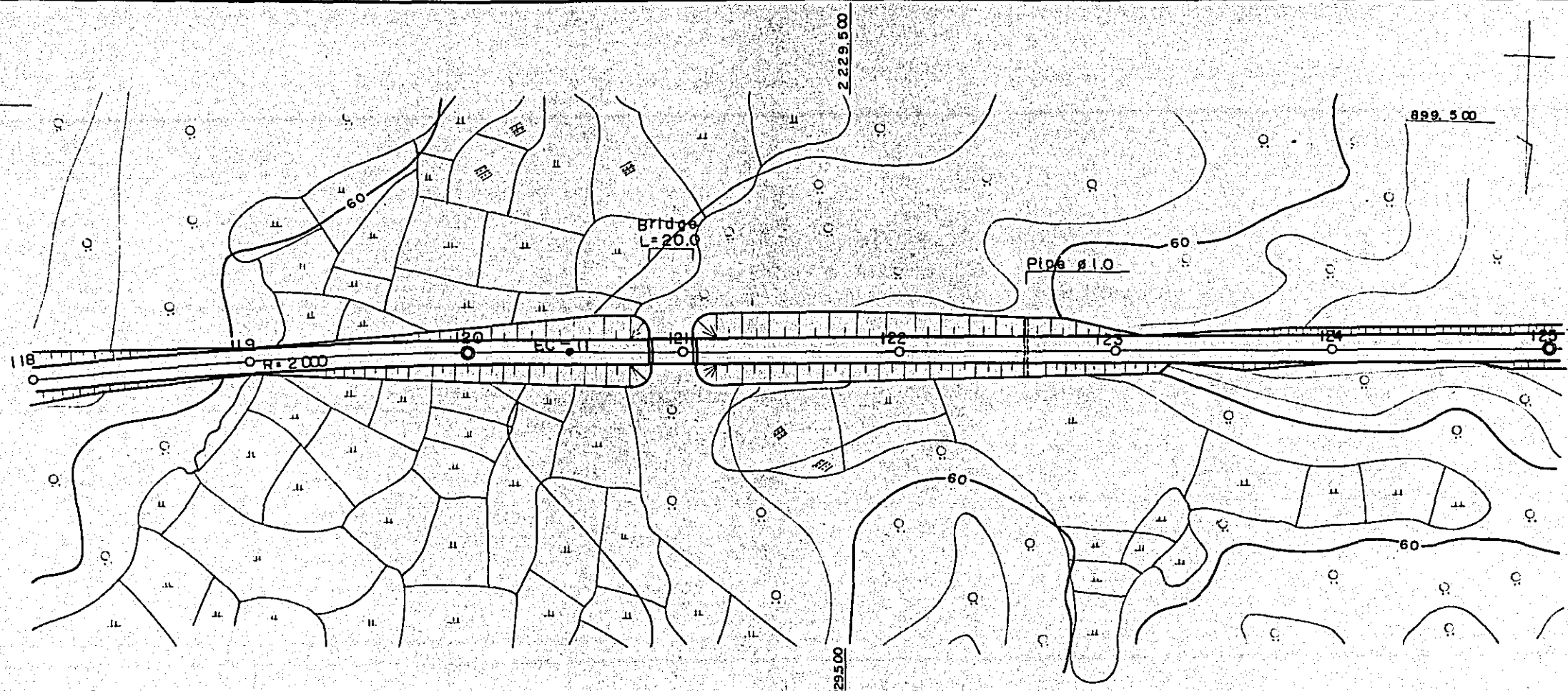
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-17
SCALE	V = 1:1000 H = 1:2500



GRADE	$i = 0.40\%$ $L = 100.0$							
PROPOSED HEIGHT		61.50	61.10	60.70	60.30	59.90	59.50	59.36
GROUND HEIGHT		56.4	58.4	60.0	61.4	71.2	72.2	69.5
STATION	112	113	114	115	116	117	118	
CURVE BAND								

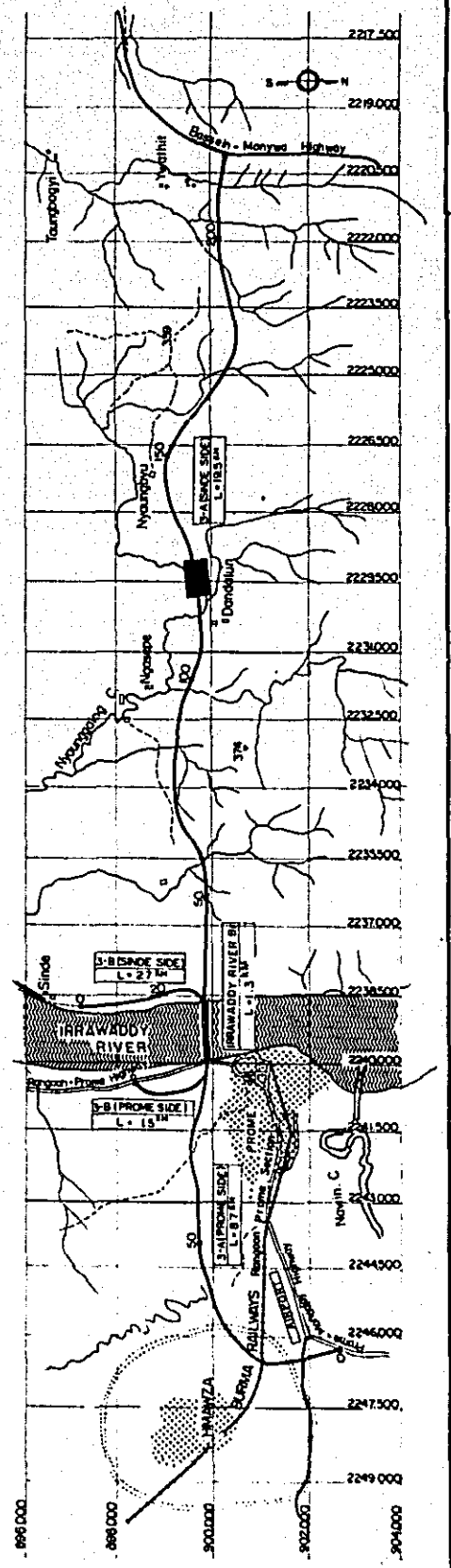


PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-18
 SCALE V = 1:1000 H = 1:2500

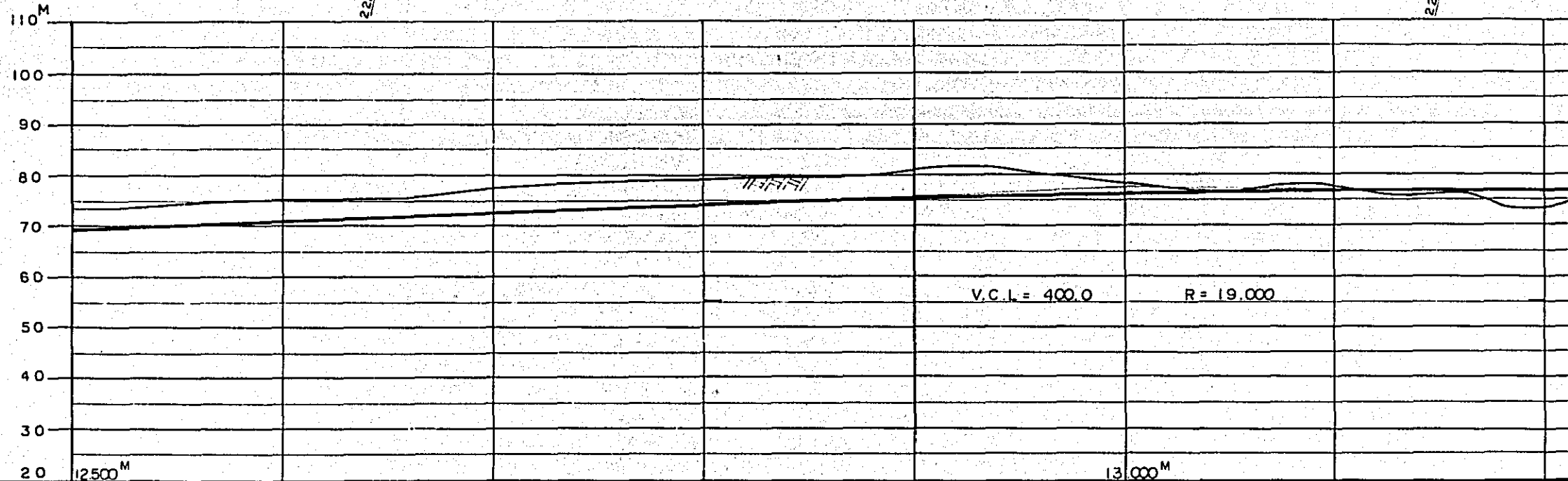
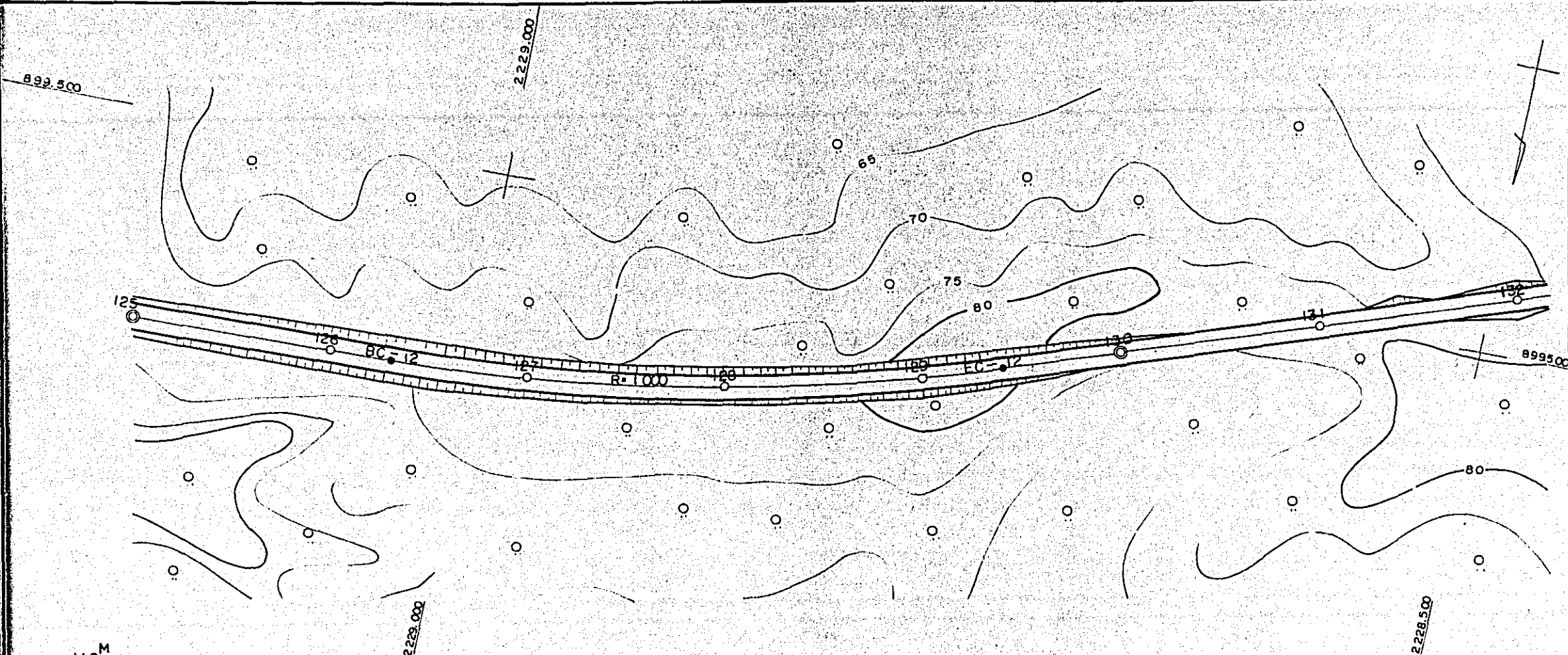


GRADE	$i = 0.40\%$ $L = 100.0$		$i = 1.70\%$ $L = 100.0$	
PROPOSED HEIGHT	58.70	60.19	62.10	68.90
GROUND HEIGHT	60.3	59.75	60.66	63.80
STATION	119	120	121	122
CURVE BAND	R = 2000		R = 8	

KEY PLAN

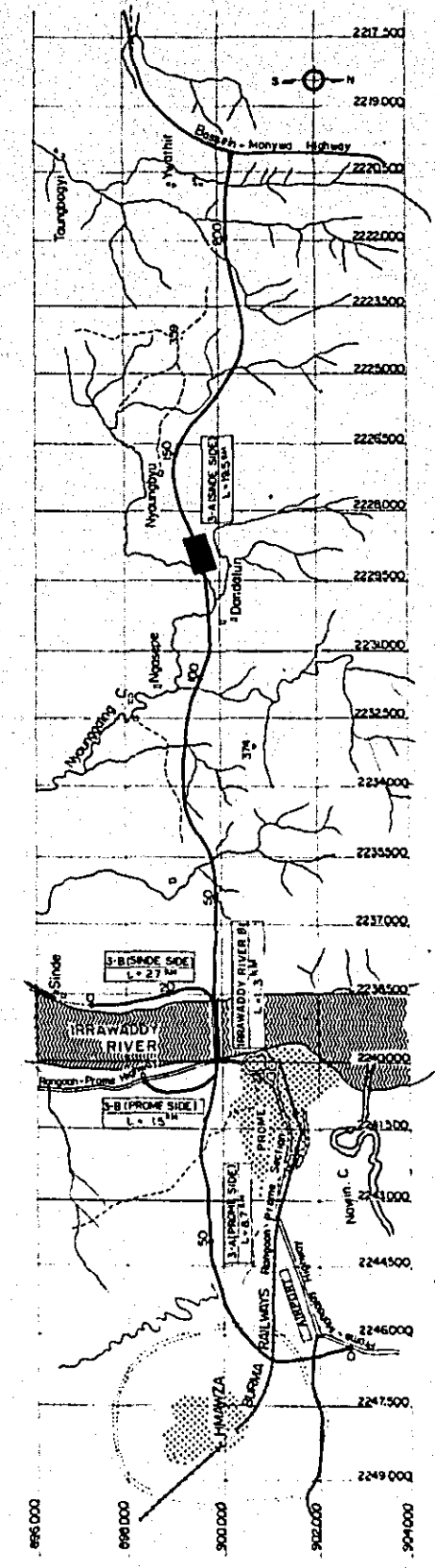


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-19
SCALE	V = 1:1000 H = 1:2500

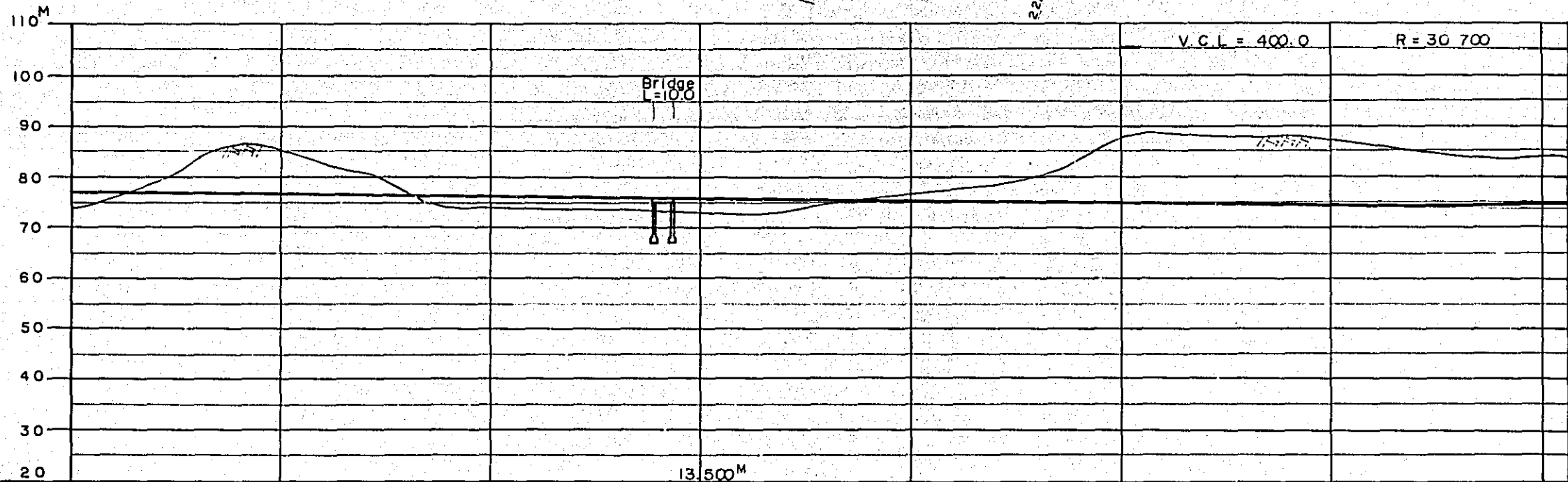
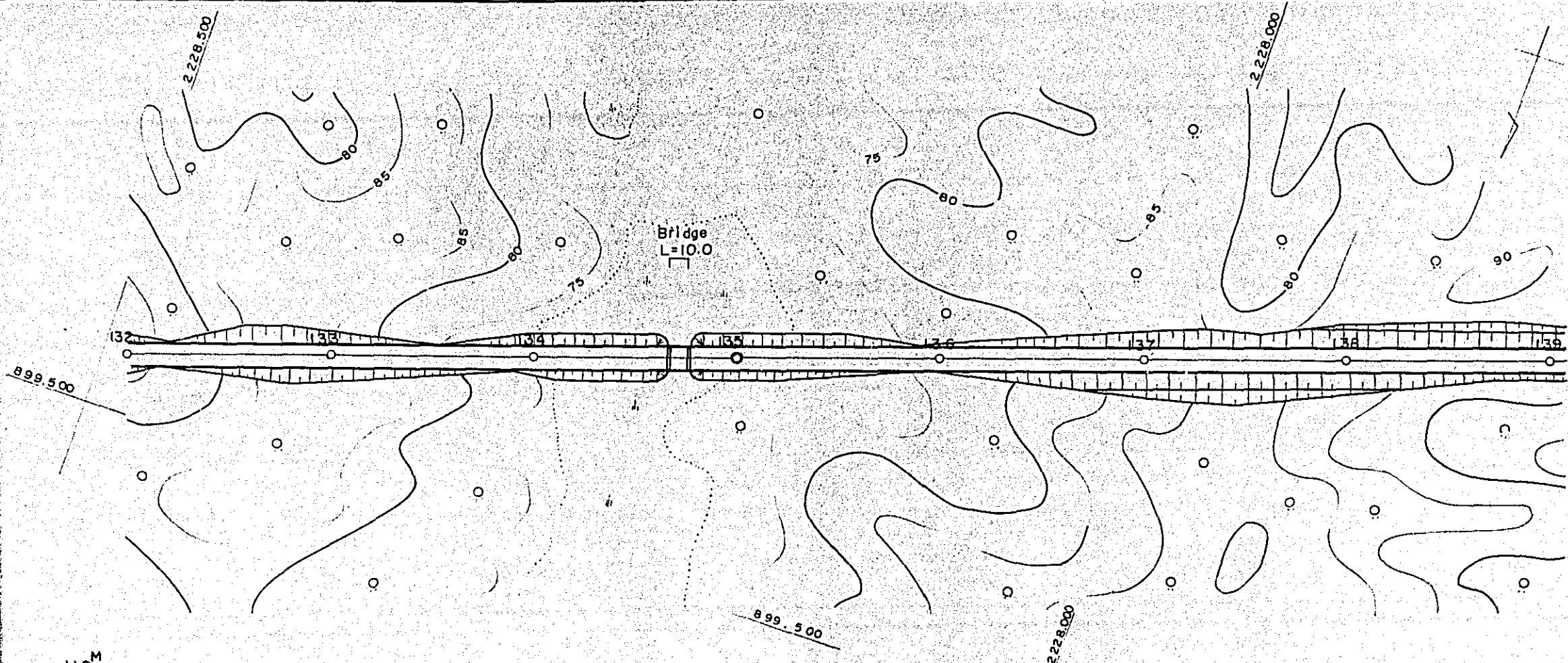


GRADE								
PROPOSED HEIGHT		70.60	72.30	74.00	75.44	76.35	76.74	76.60
GROUND HEIGHT		75.2	77.4	79.2	81.2	78.2	77.7	73.8
STATION	126	127	128	129	130	131	132	
CURVE BAND			R = 1000				R = 8	

KEY PLAN

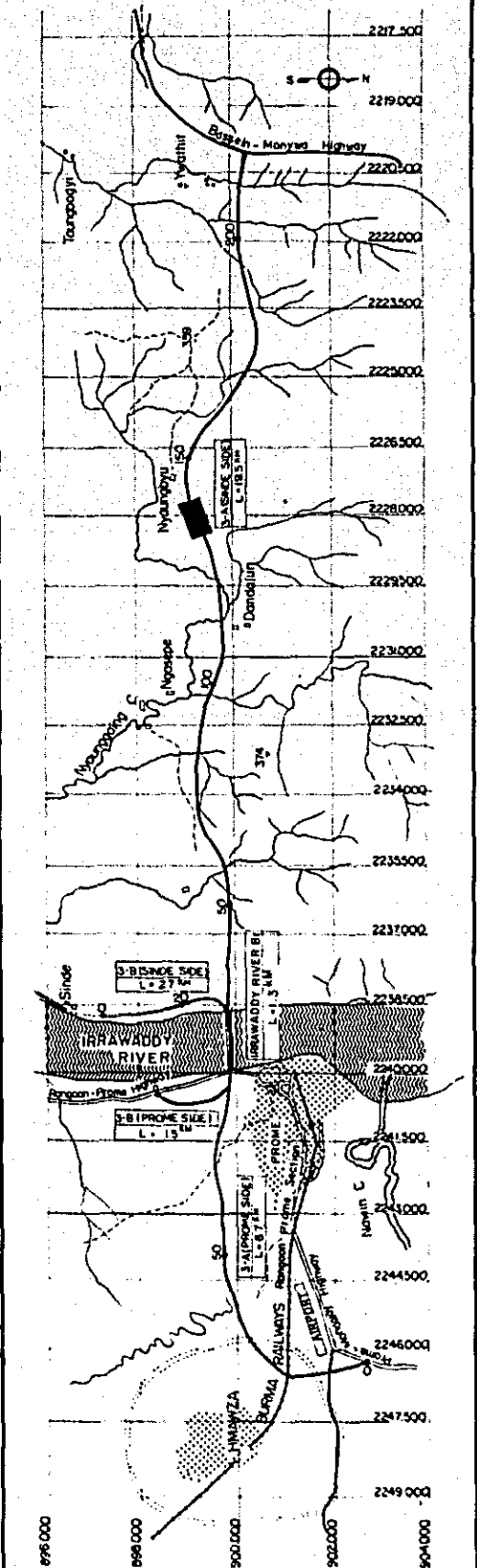


PROJECT	IRRAWADDY RIVER BRIDGE		
SITE NO. 3	FIGURE NO. 6-4-20		
SCALE	V = 1:1000	H = 1:2500	

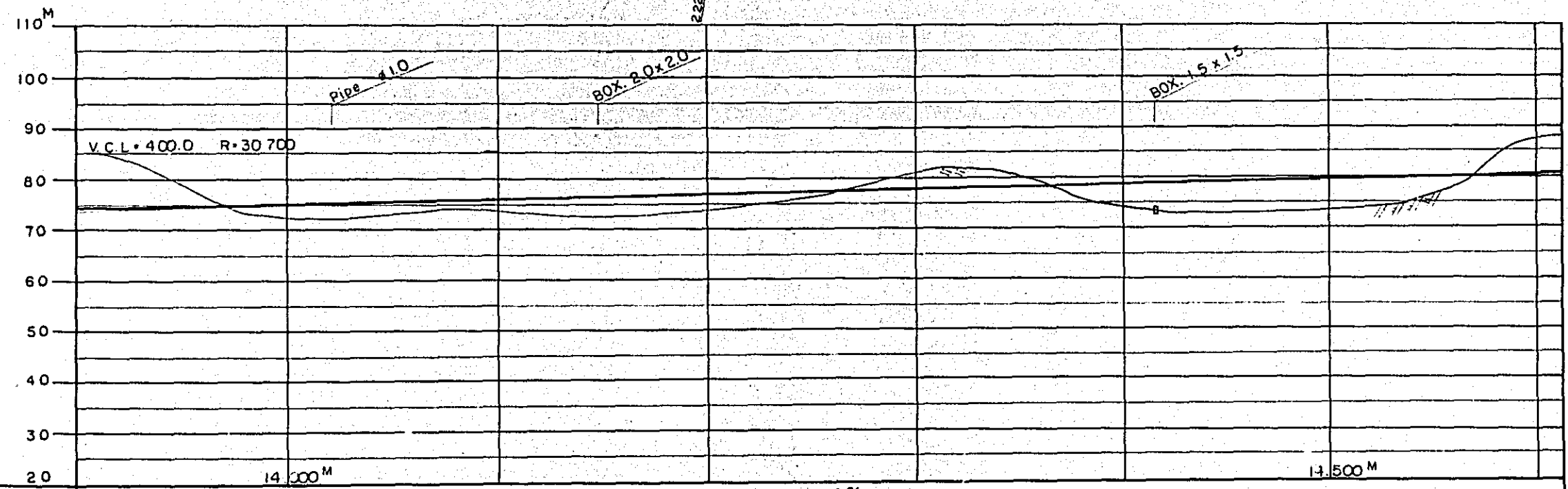
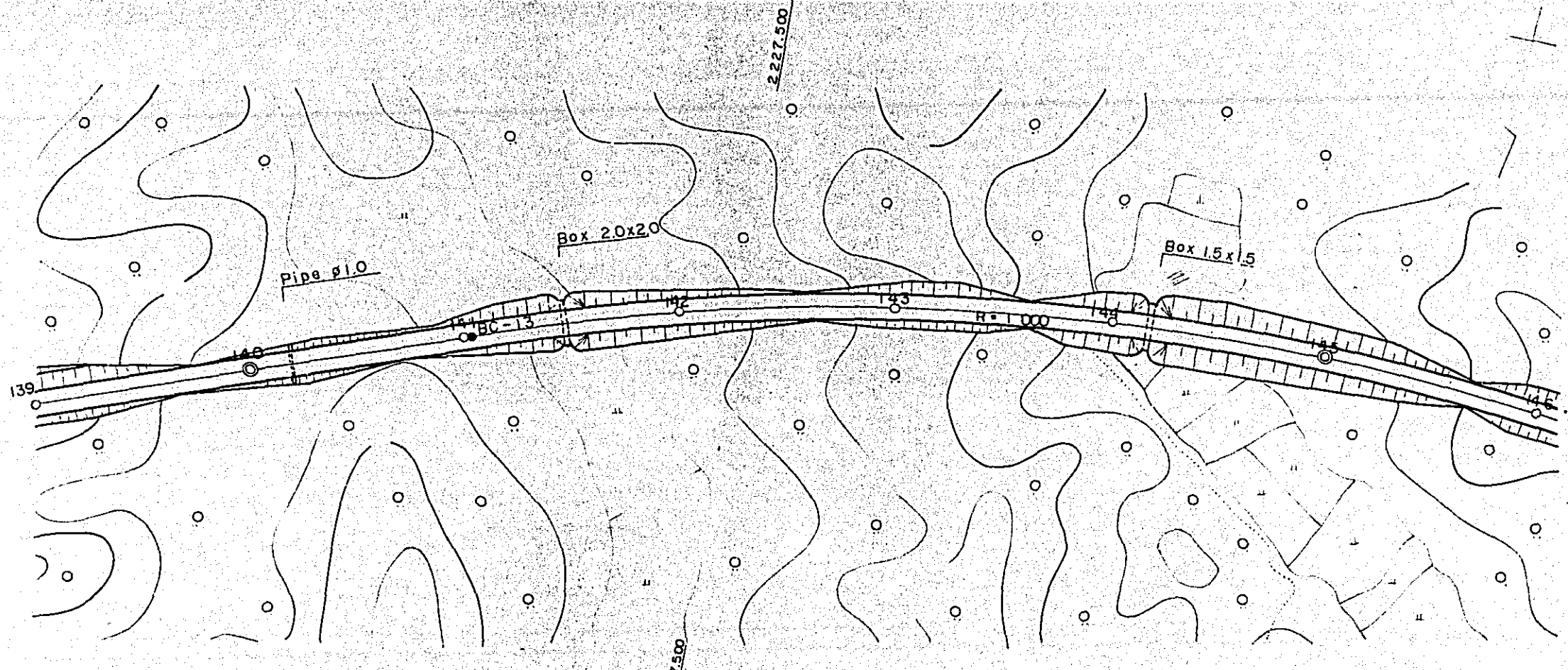


GRADE								
PROPOSED HEIGHT								
GROUND HEIGHT								
STATION								
CURVE BAND								

KEY PLAN

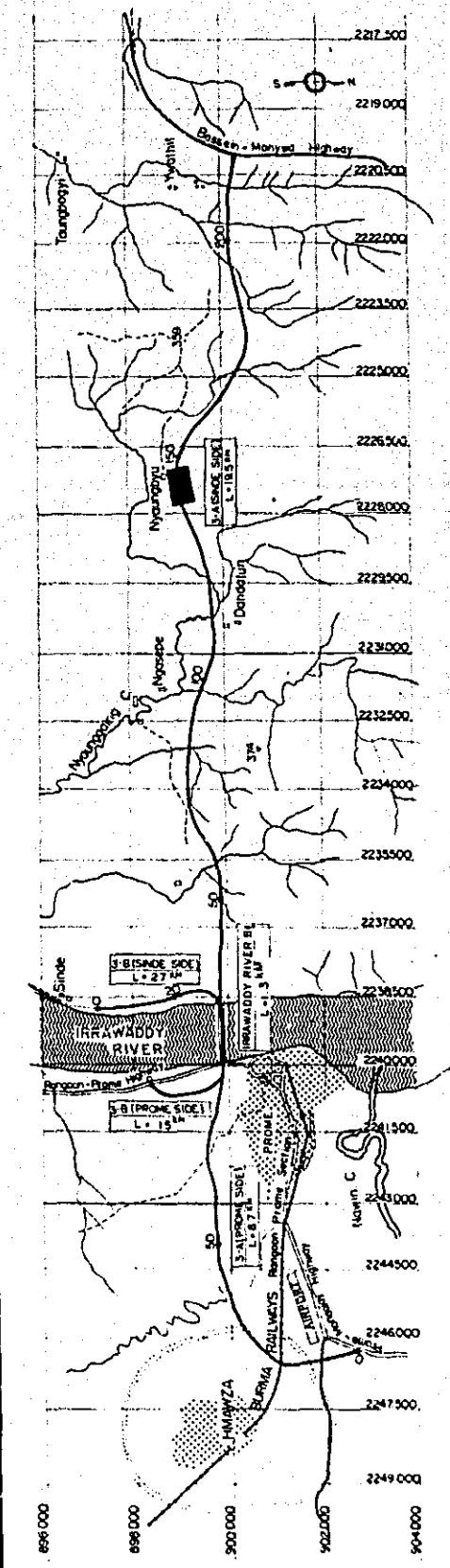


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-21
SCALE	V = 1:1000 H = 1:2500

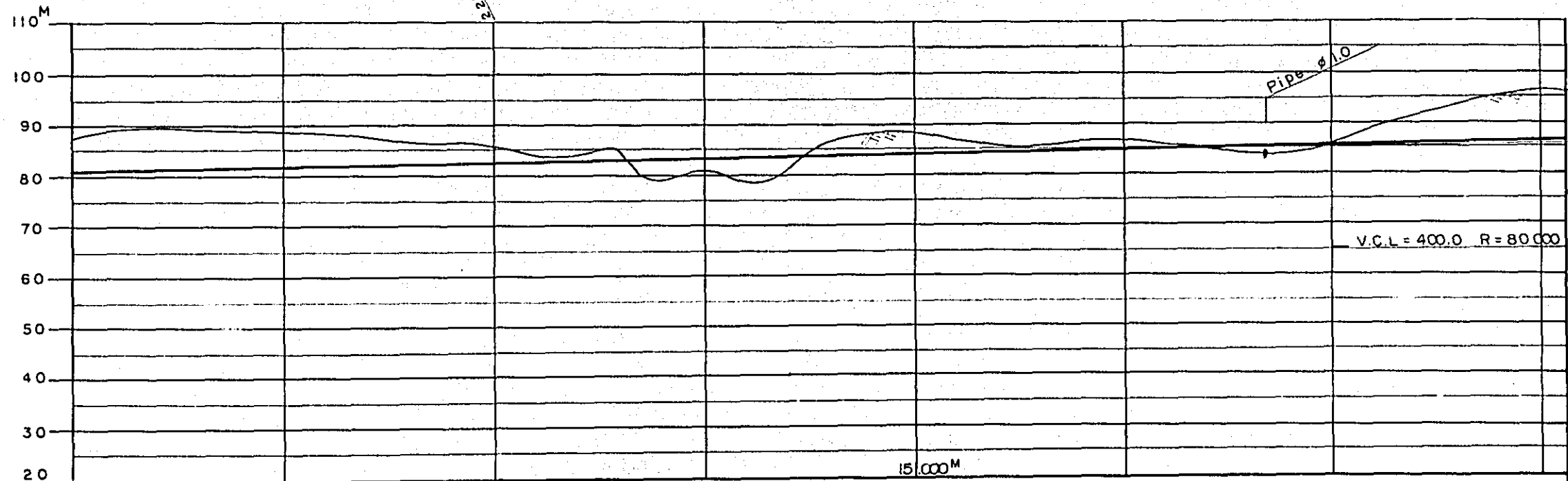
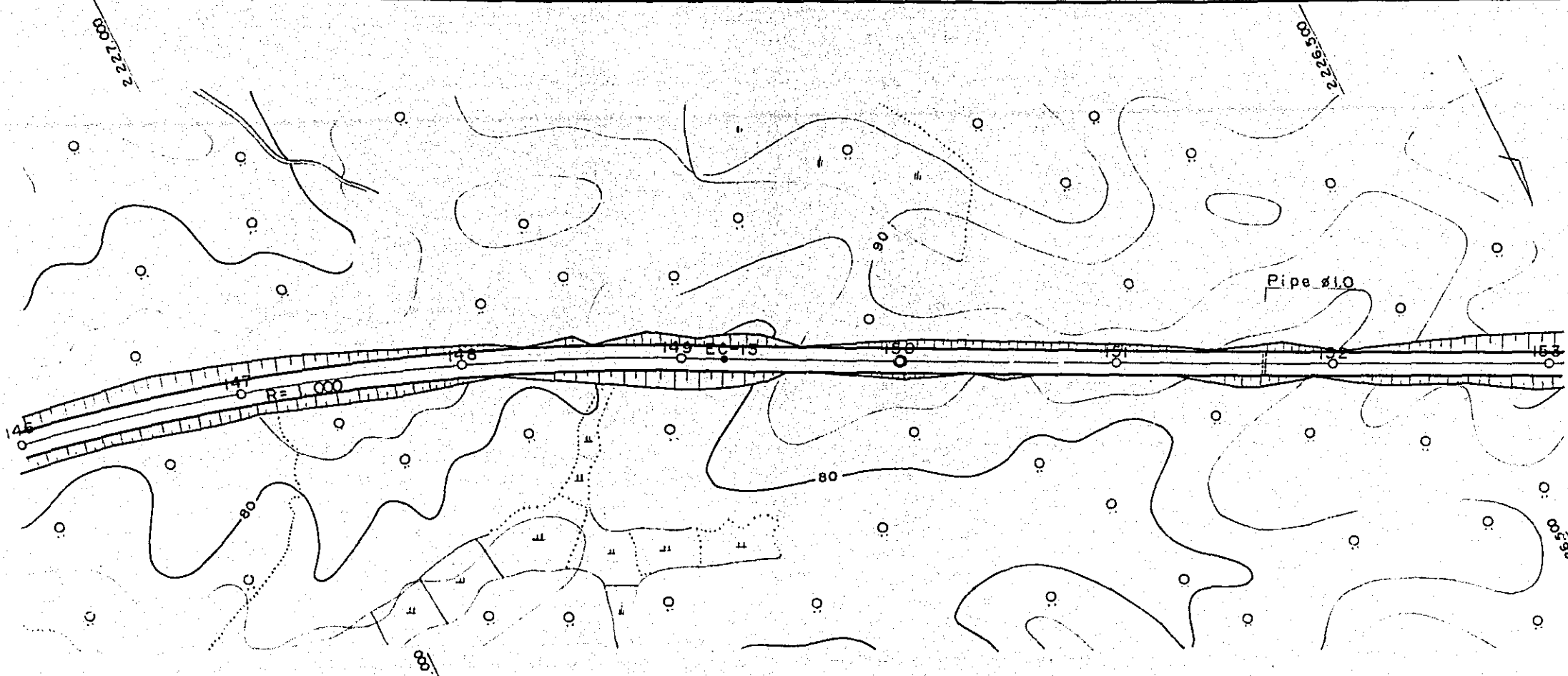


GRADE	$i = 0.90\%$ $L = 1,500.0$						
PROPOSED HEIGHT	140+74.5-74.86	141+73.5-75.60	142+74.3-76.50	143+81.5-77.40	144+74.5-78.30	145+73.6-79.20	146+87.4-80.10
GROUND HEIGHT							
STATION							
CURVE BAND							

KEY PLAN

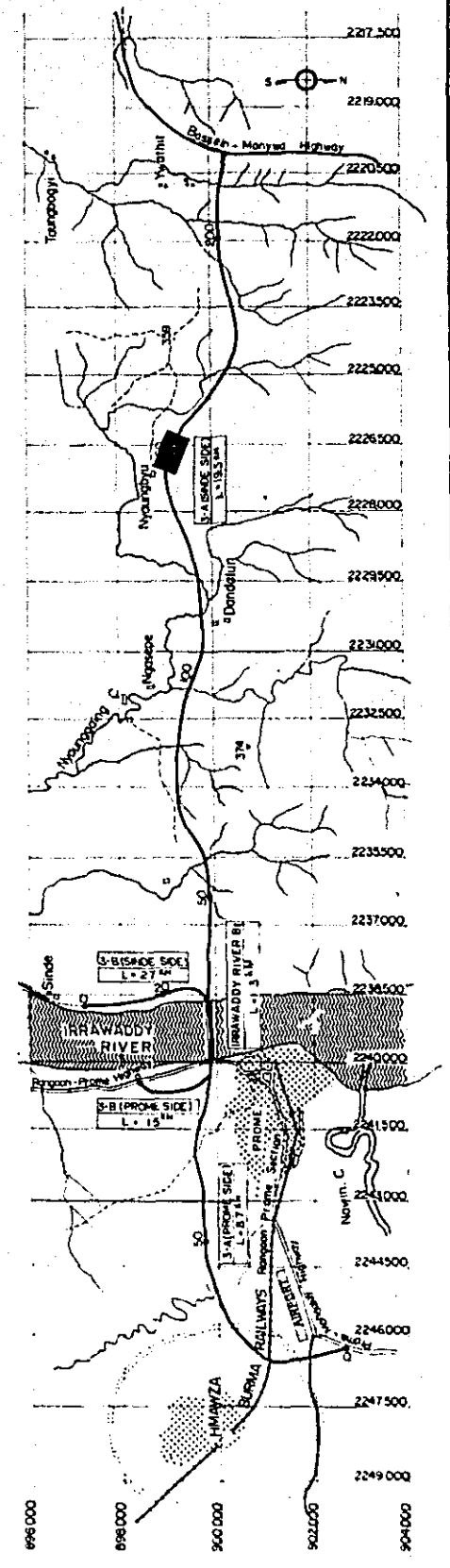


PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-22
 SCALE V = 1:1000 H = 1:2500

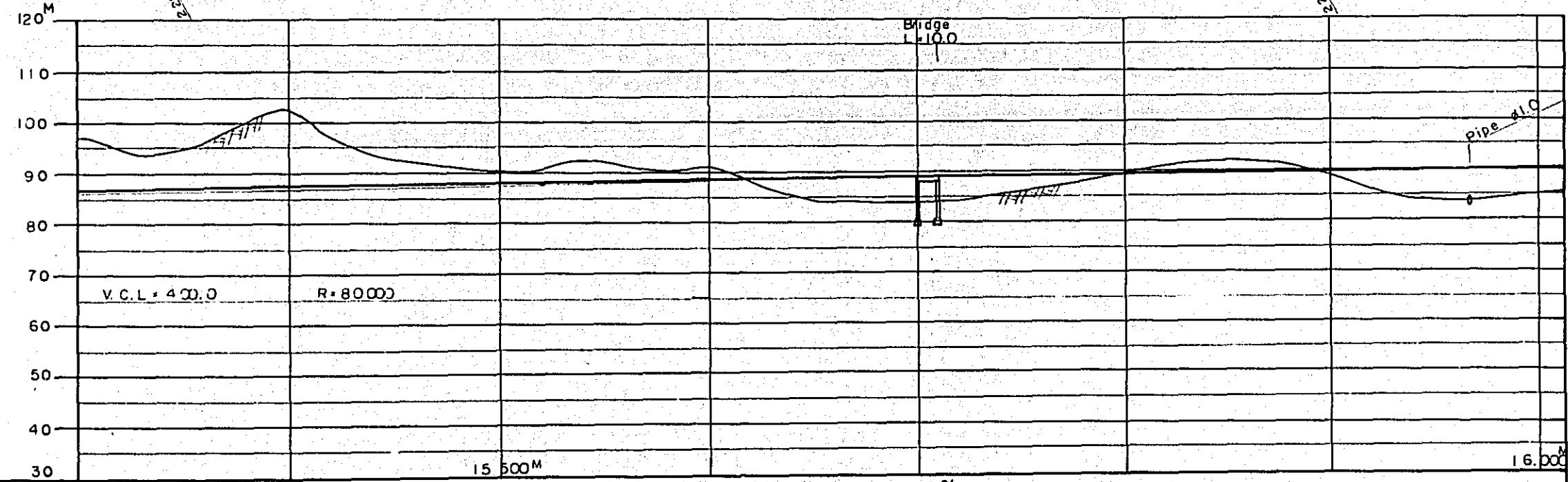
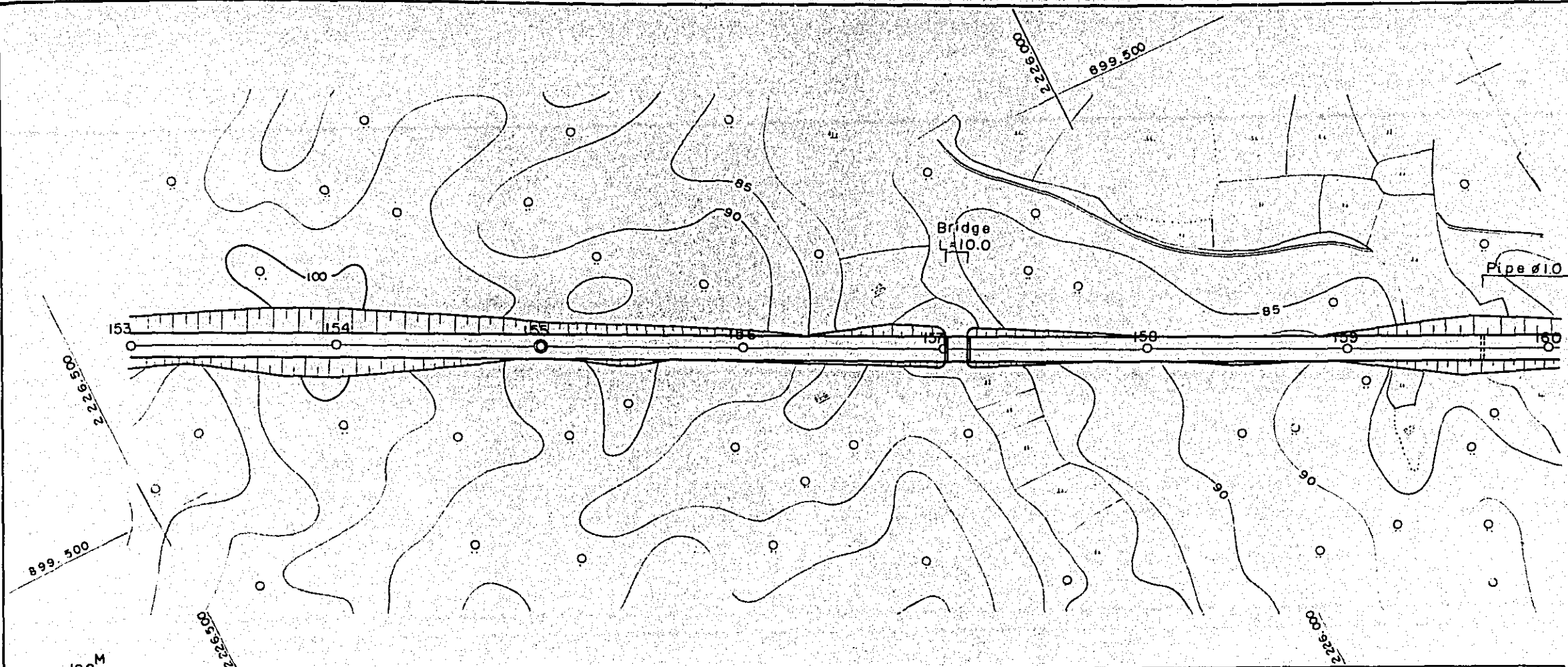


GRADE							
PROPOSED HEIGHT	147	148	149	150	151	152	153
GROUND HEIGHT	88.0	85.5	81.0	88.9	86.9	85.5	96.3
STATION	147	148	149	150	151	152	153
CURVE BAND	R = 1000						

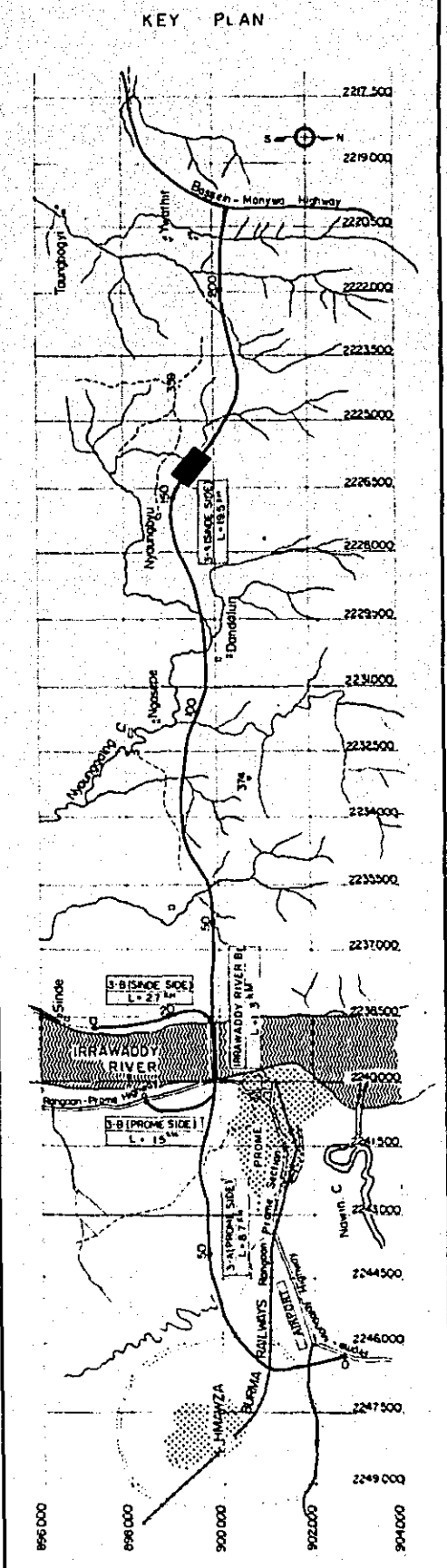
KEY PLAN



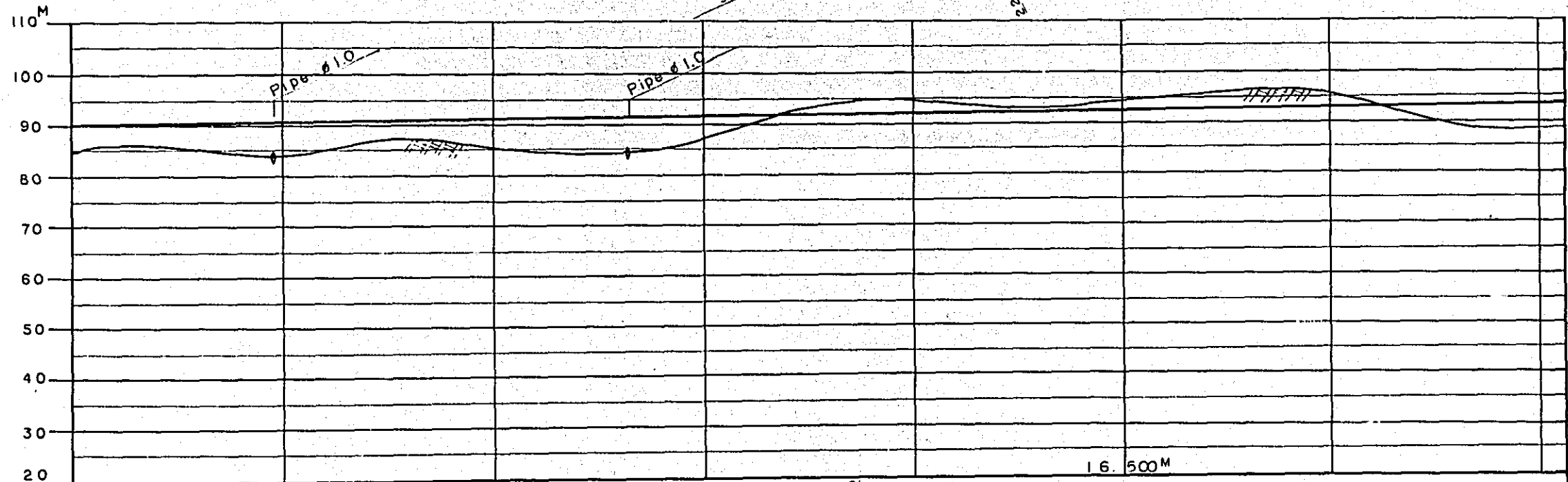
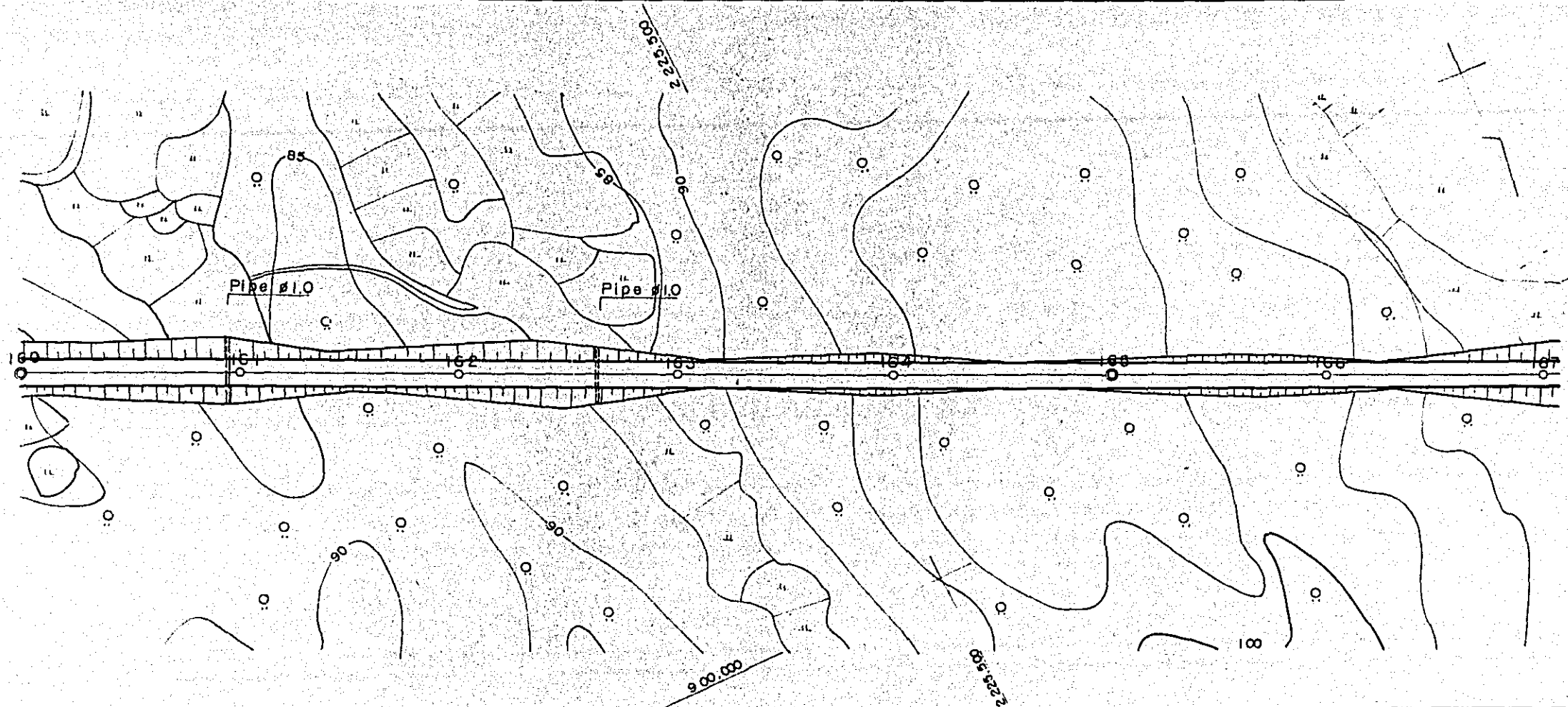
PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-23
 SCALE V = 1:1000 H = 1:2500



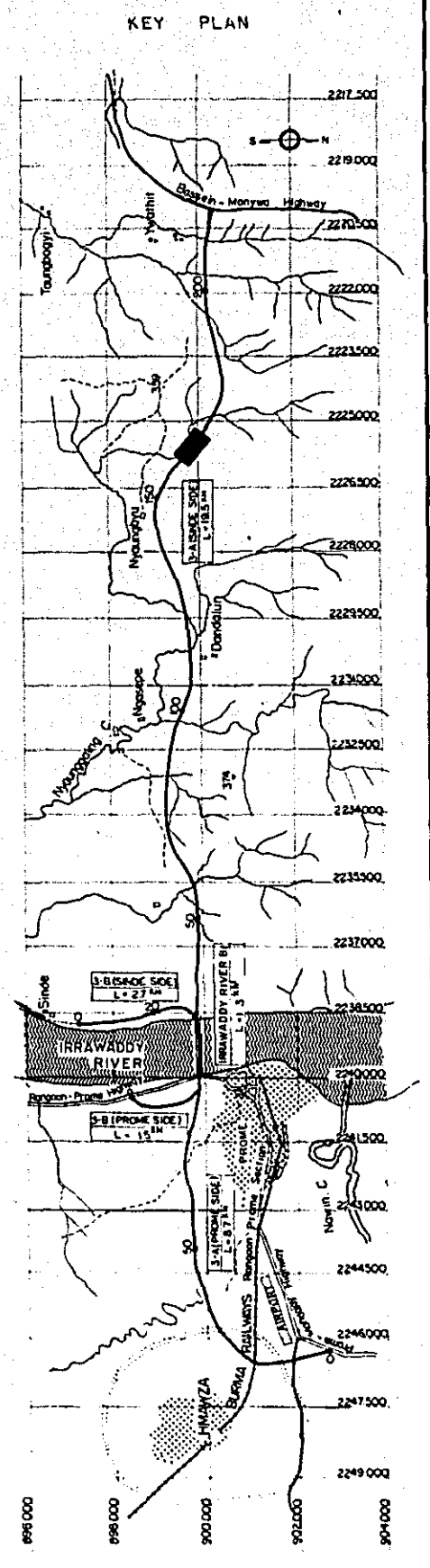
GRADE	1 = 0.90% L = 1500.0		1 = 0.40% L = 2500.0	
PROPOSED HEIGHT	87.30	87.64	88.50	89.30
GROUND HEIGHT	103.0	89.8	83.8	84.8
STATION	154	155	157	160
CURVE BAND	R = ∞			



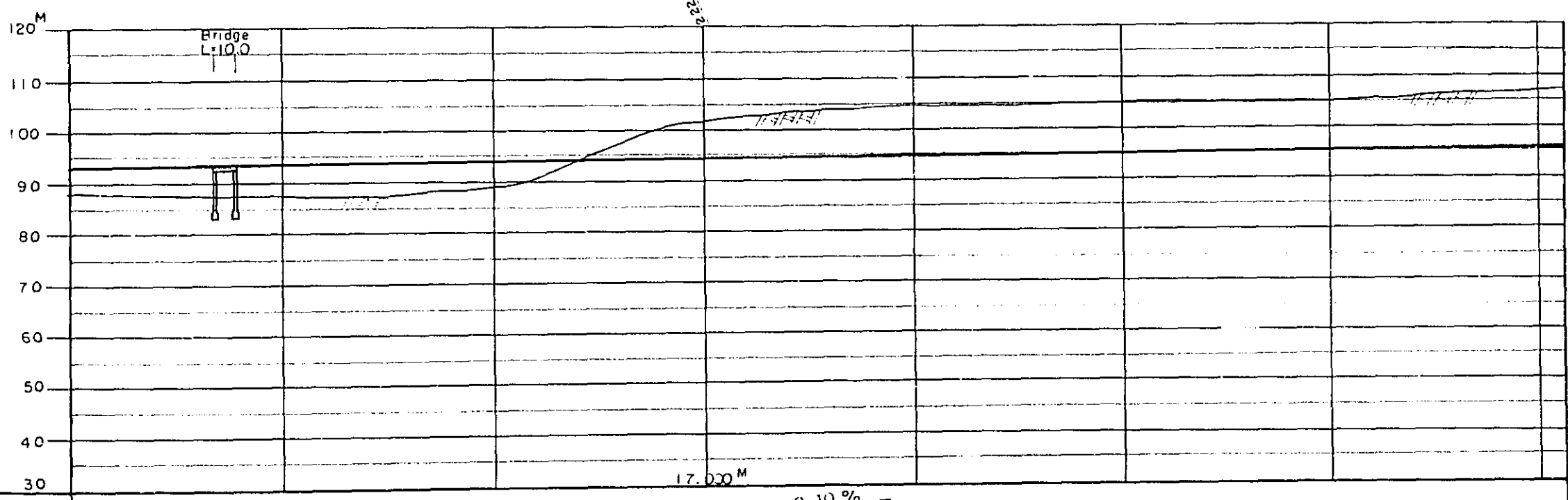
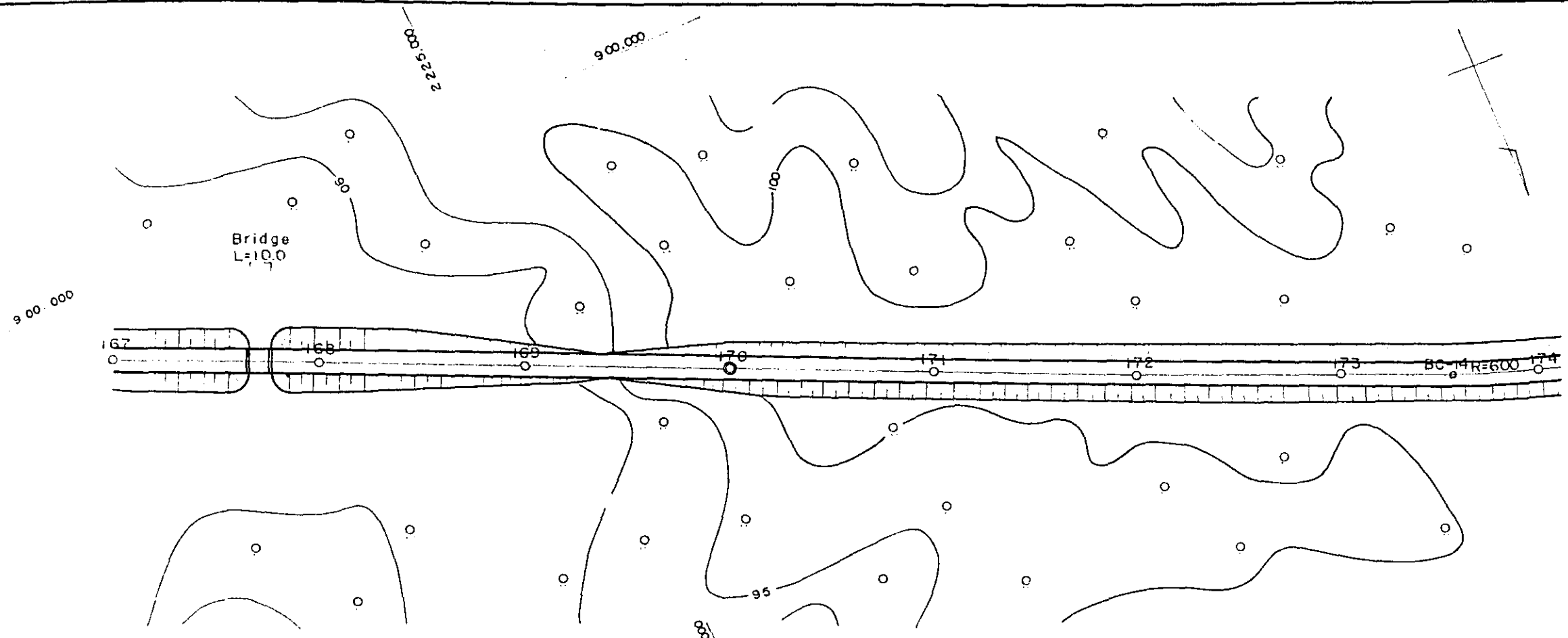
PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-24
 SCALE V = 1:1000 H = 1:2500



GRADE							
PROPOSED HEIGHT	161-84.2-90.10	162-84.5-90.50	163-87.2-90.90	164-96.0-91.30	165-94.5-91.70	166-95.8-92.10	167-88.5-92.50
GROUND HEIGHT							
STATION							
CURVE BAND	$R = \infty$						



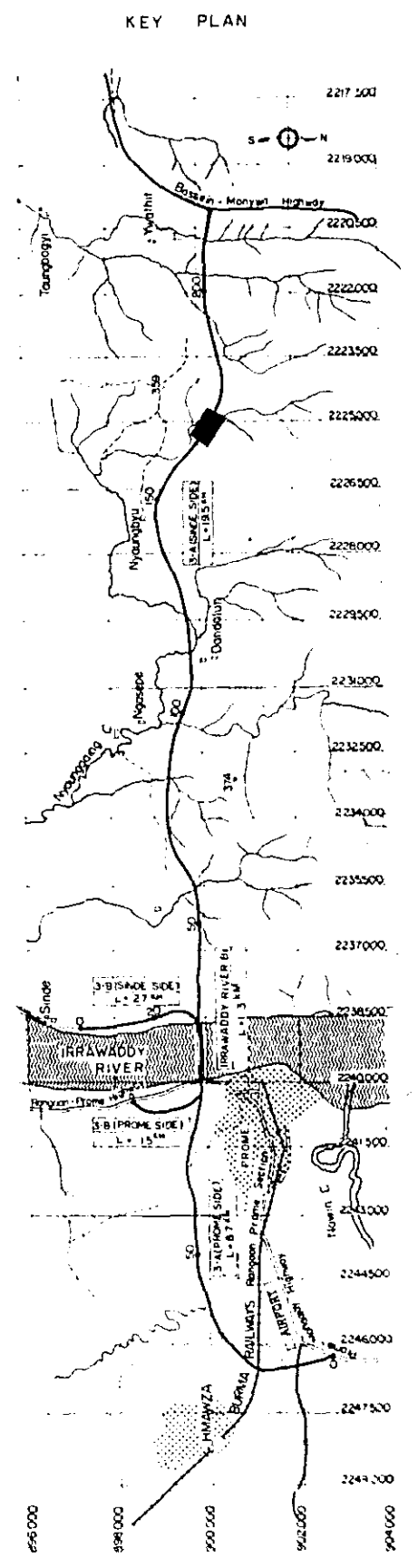
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-25
SCALE	V = 1:1000 H = 1:2500



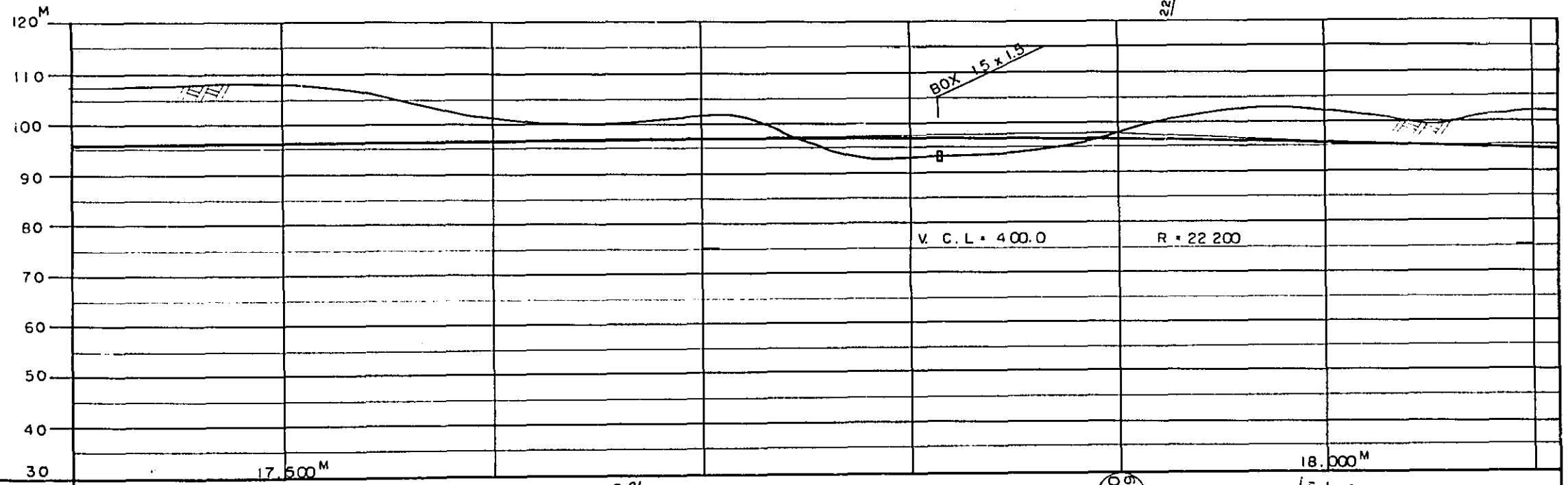
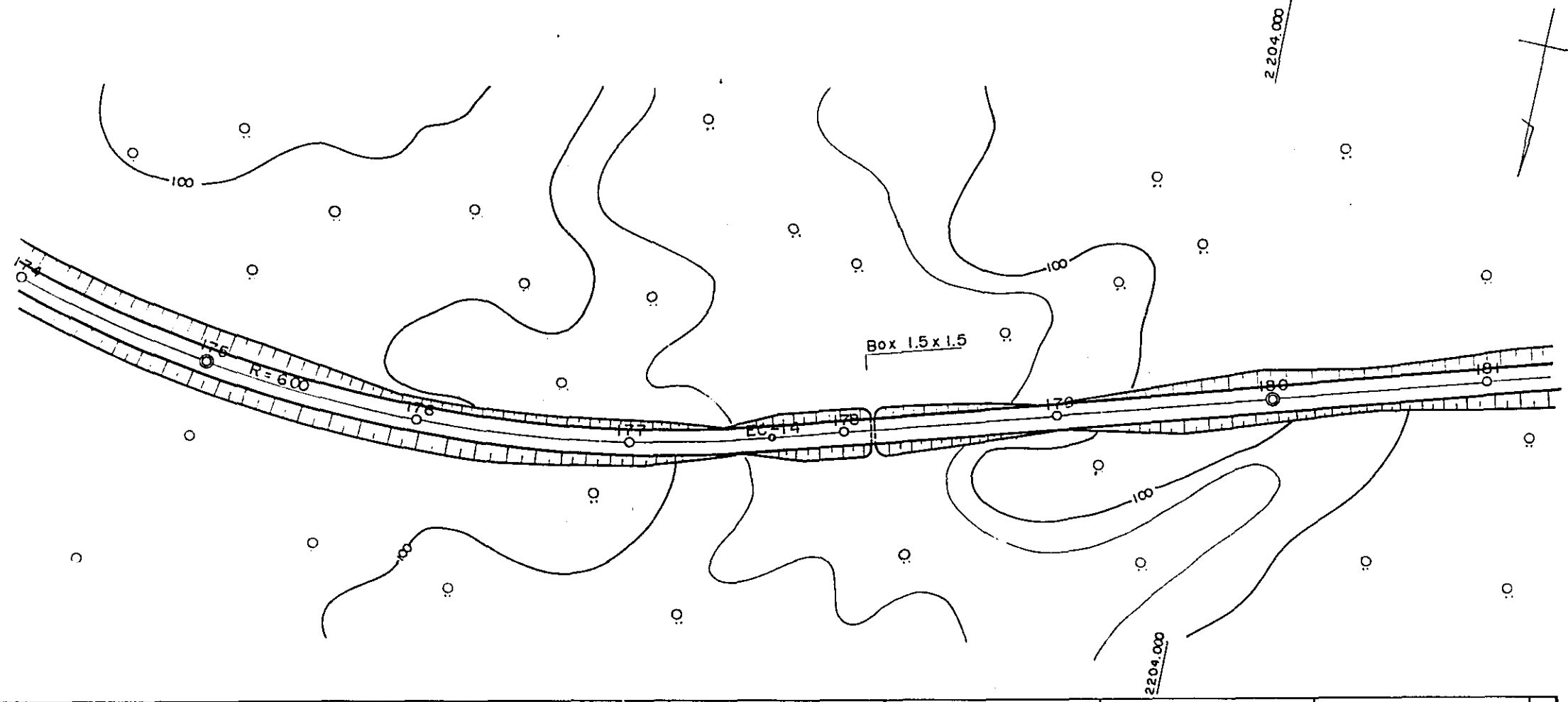
GRADE							
PROPOSED HEIGHT							
GROUND HEIGHT							
STATION	168	169	170	171	172	173	174
CURVE BAND							

$i = 0.40\%$
 $L = 2500.0$

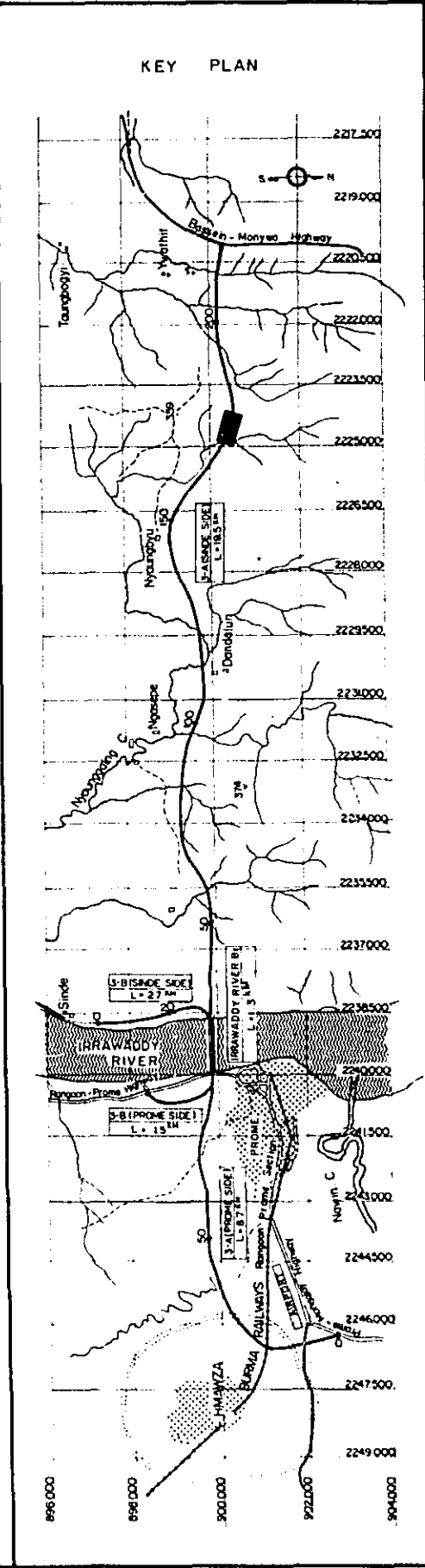
R = 8



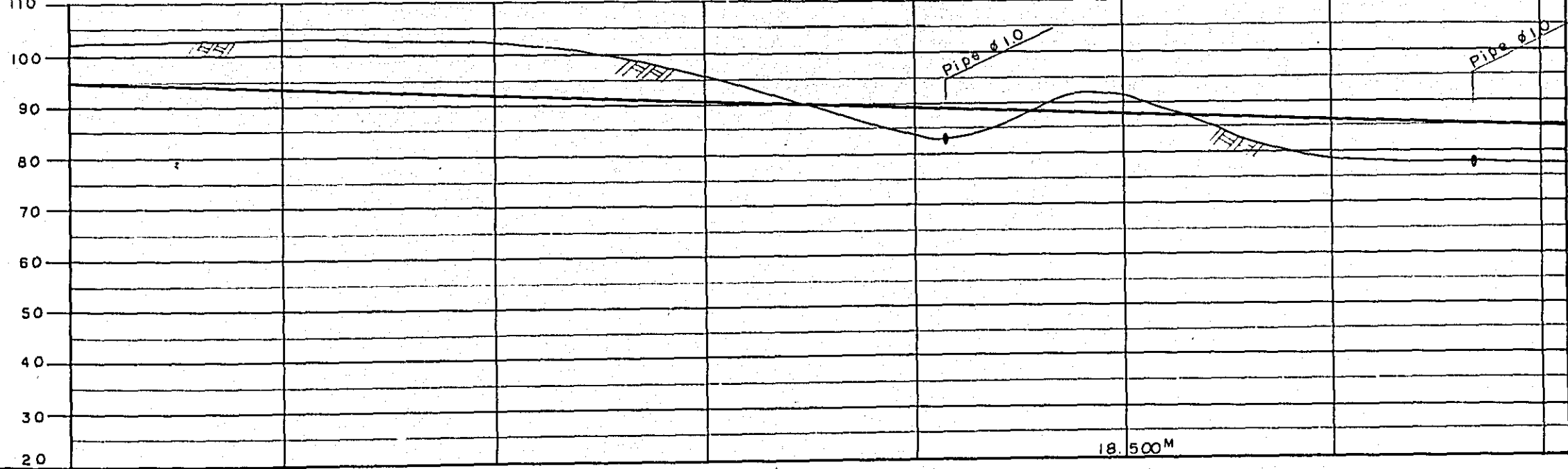
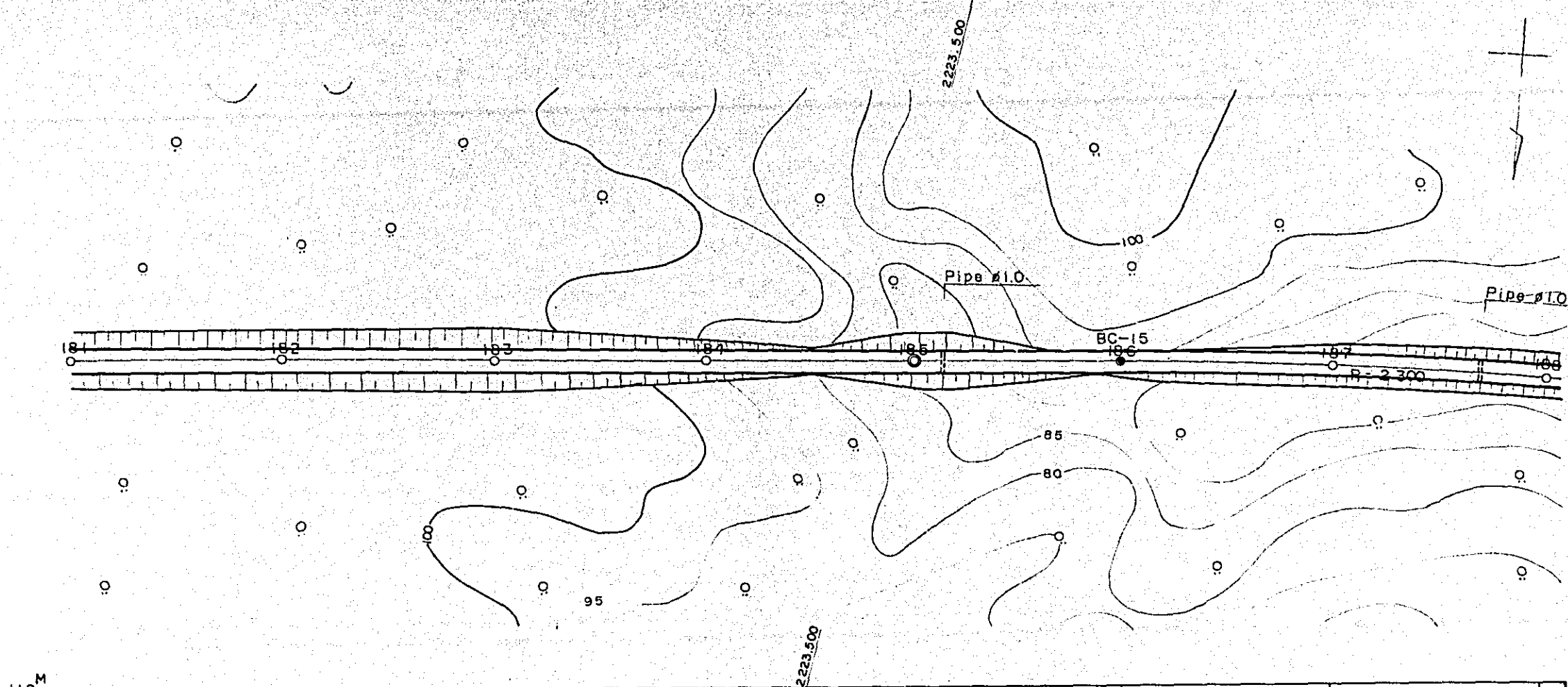
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-26
SCALE	V = 1 : 1000 H = 1 : 2500



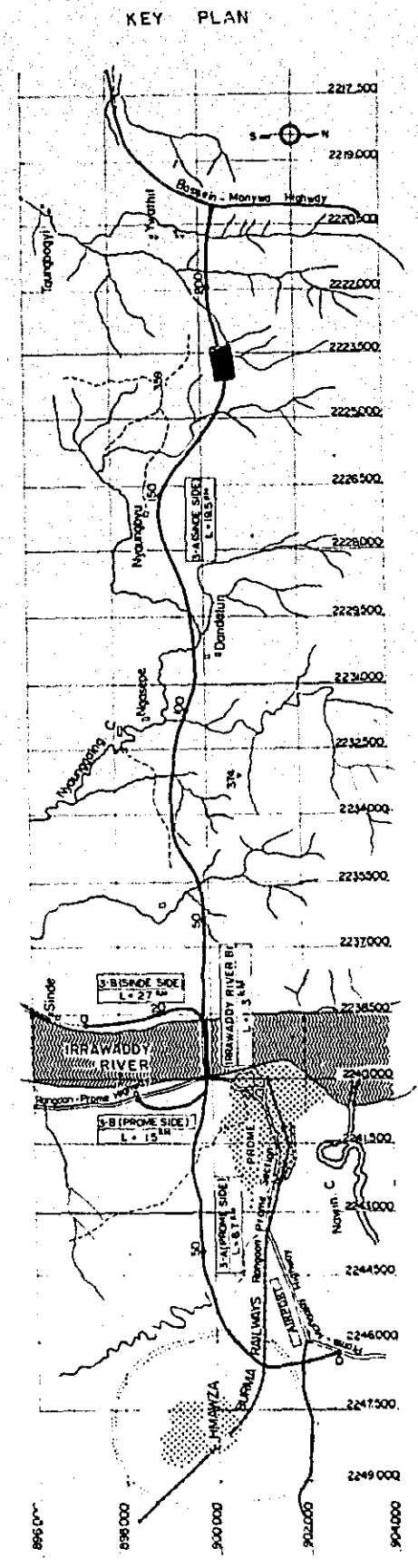
GRADE							
PROPOSED HEIGHT							
GROUND HEIGHT							
STATION	175	176	177	178	179	180	181
CURVE BAND	R = 600						



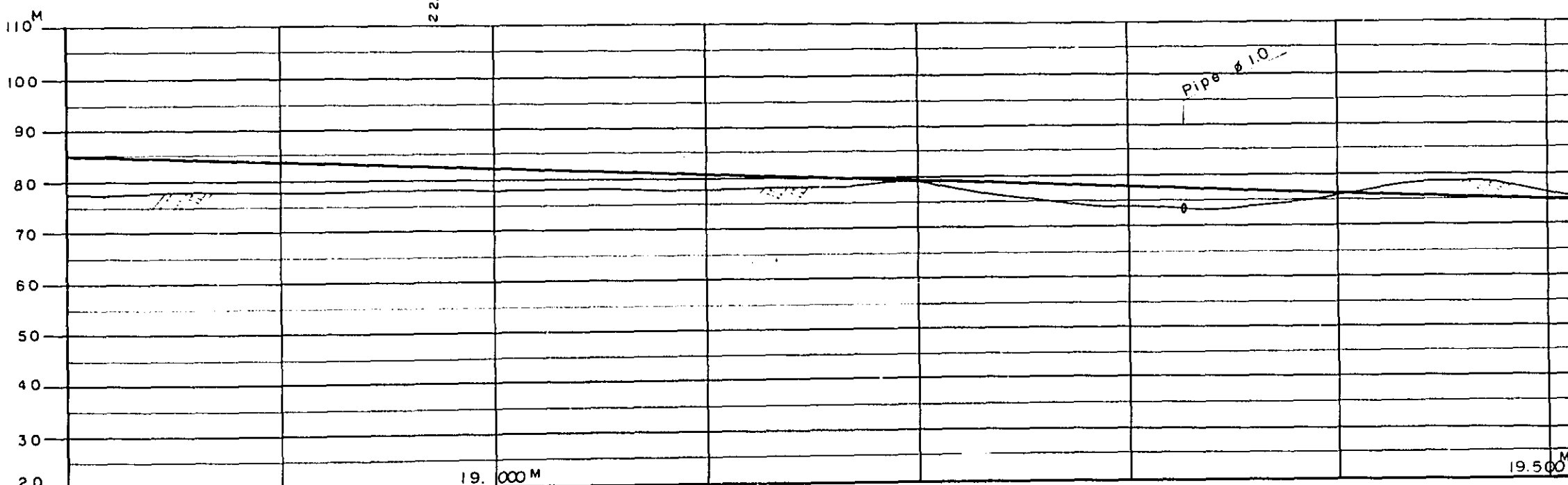
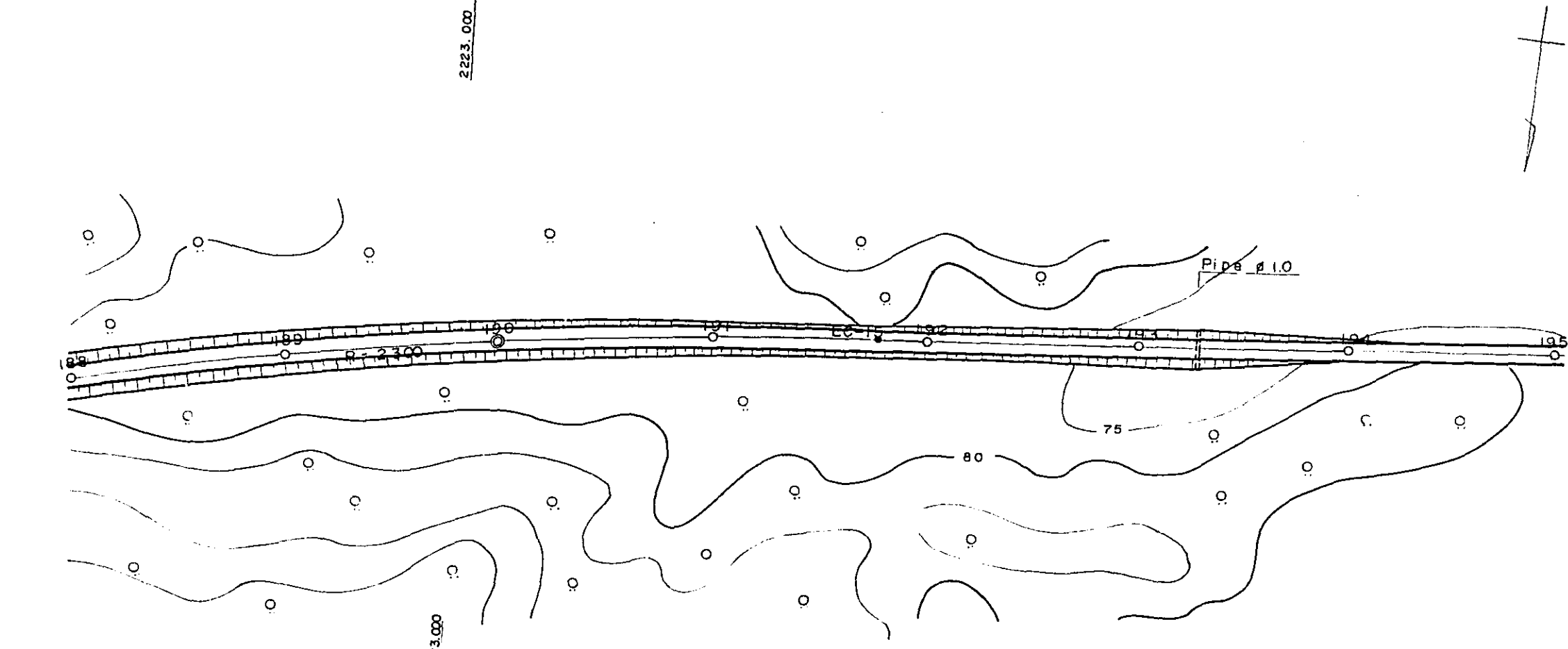
PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-27
 SCALE V = 1:1000 H = 1:2500



GRADE						
PROPOSED HEIGHT						
GROUND HEIGHT						
STATION	182	183	184	185	186	188
CURVE BAND						

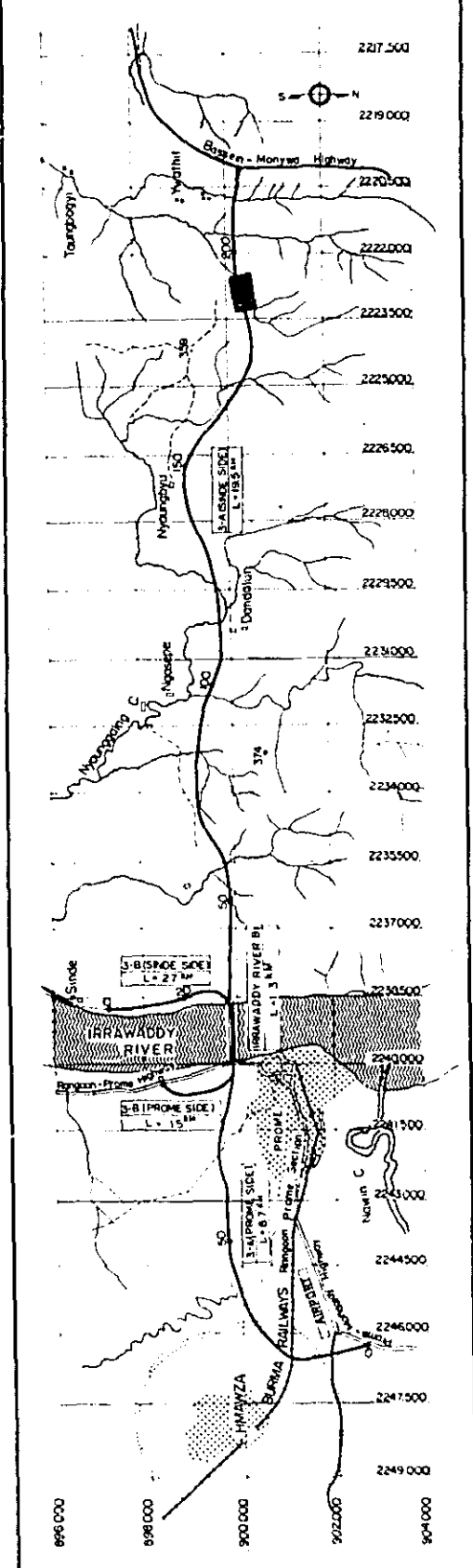


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-28
SCALE	V = 1:1000 H = 1:2500

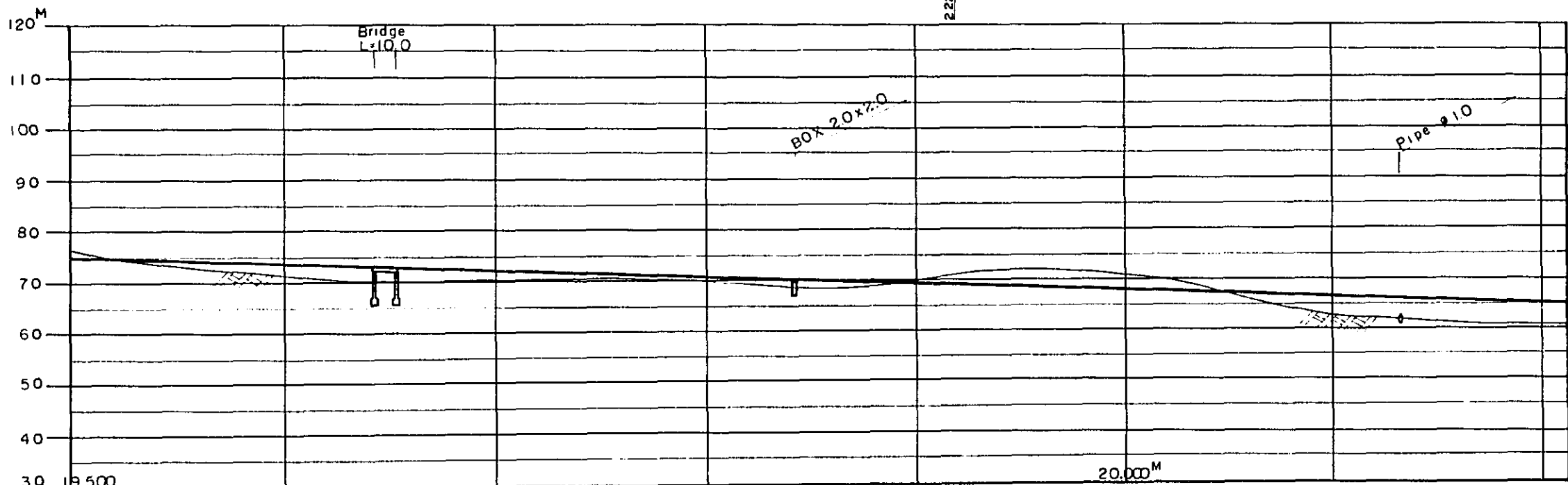
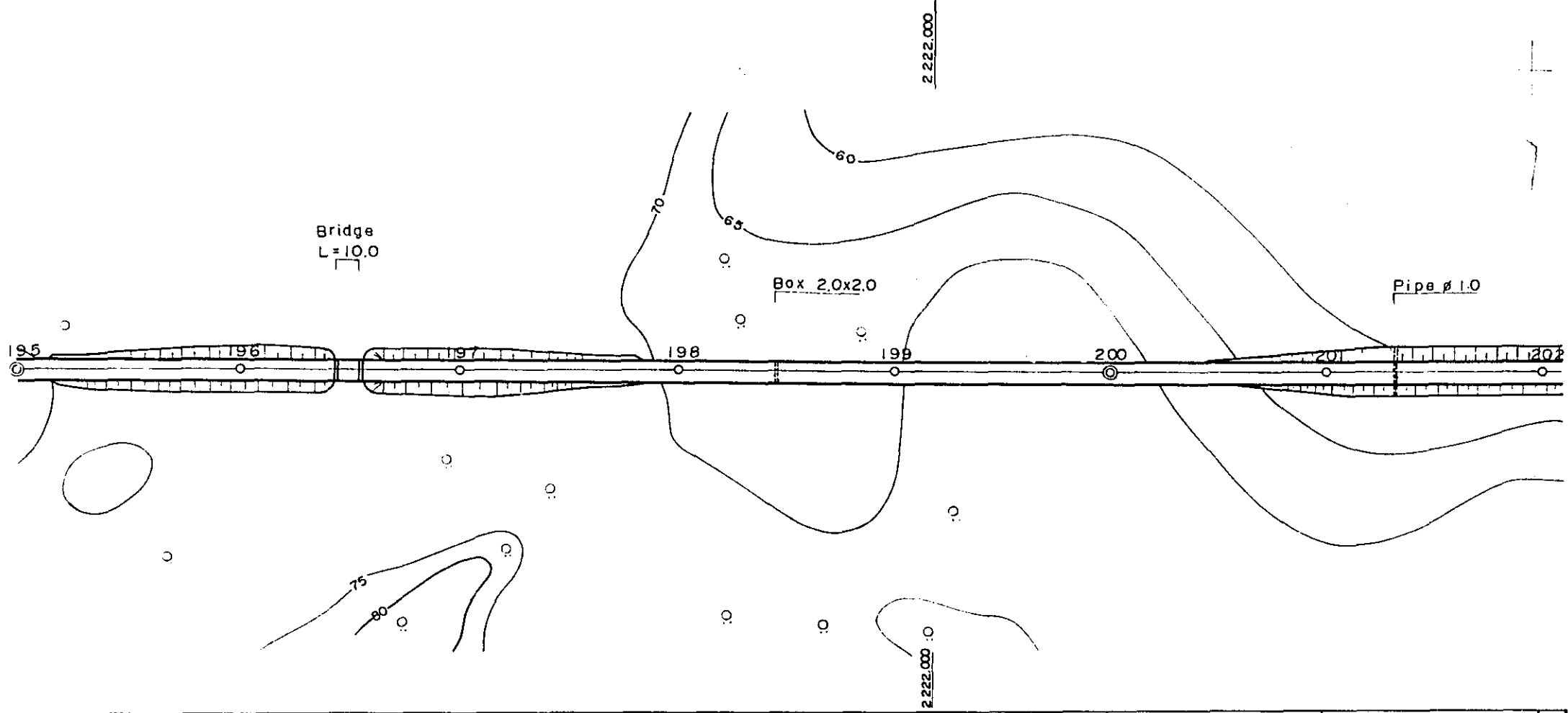


GRADE	---							
PROPOSED HEIGHT		83.30	81.90	80.50	79.10	77.70	76.30	74.90
GROUND HEIGHT	77.6	77.9	77.6	79.2	73.9	76.0	76.2	
STATION	189	190	191	192	193	194	195	
CURVE BAND	R = 2300							

KEY PLAN

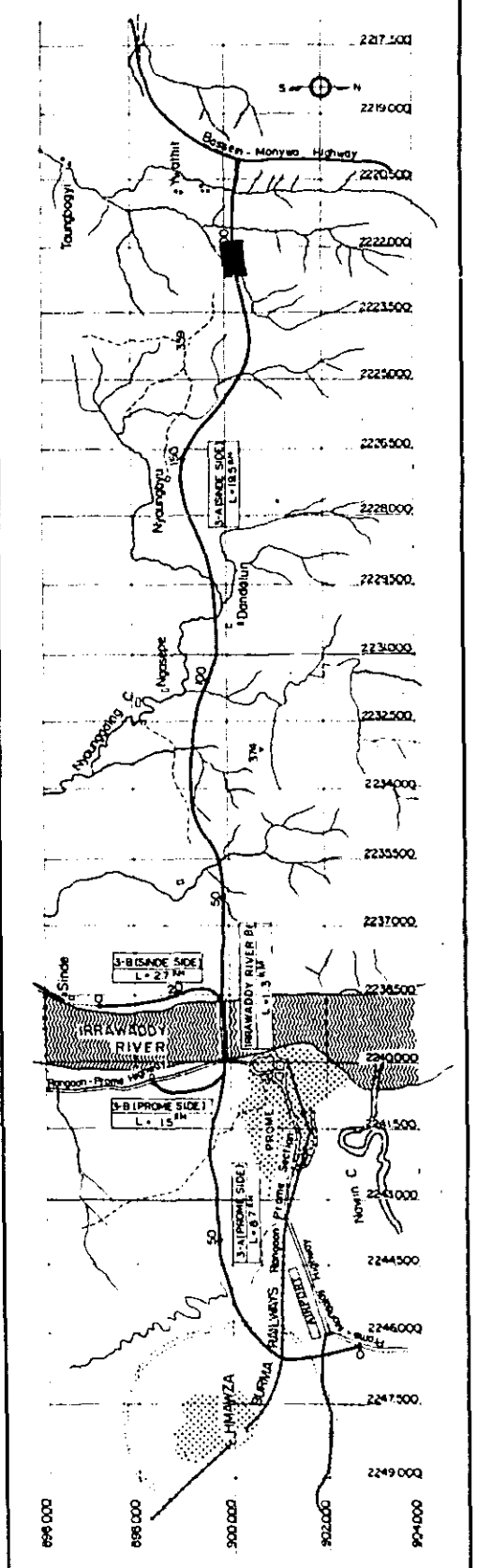


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-29
SCALE	V = 1:1000 H = 1:2500

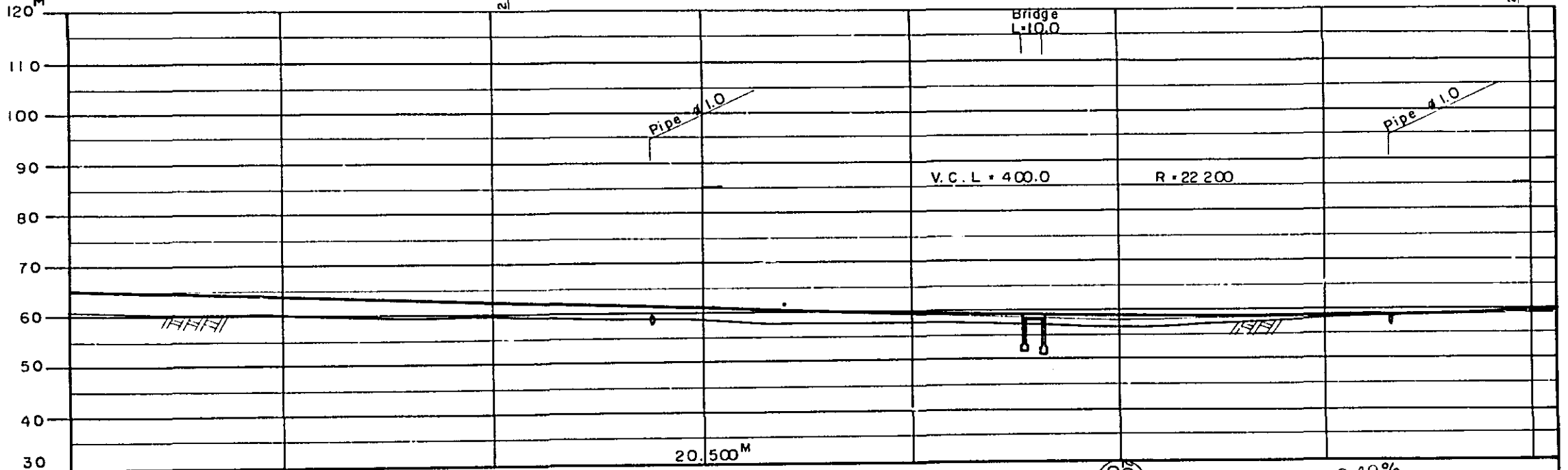
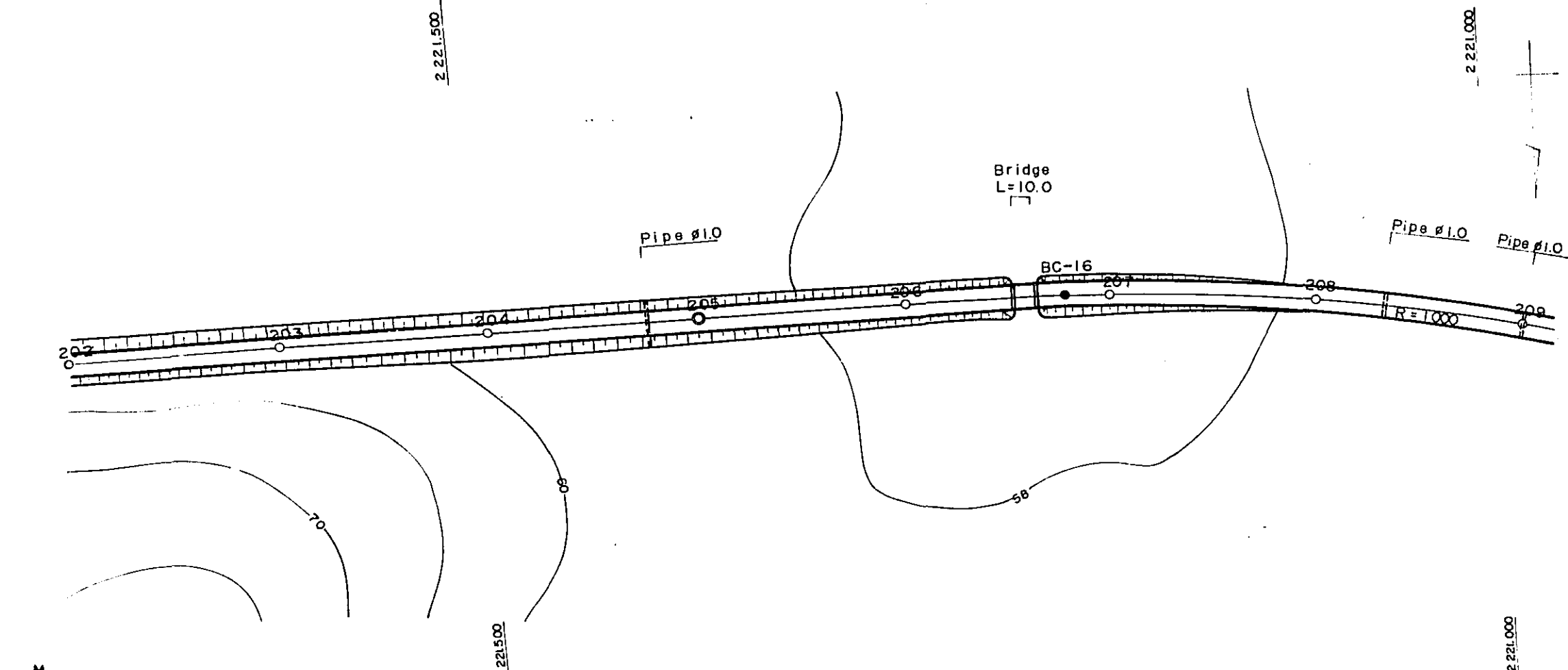


GRADE	$i = 1.40\%$ $L = 2800.0$					
PROPOSED HEIGHT	196	197	198	199	200	202
GROUND HEIGHT	72.6	71.0	70.0	70.0	70.8	61.0
STATION	196	197	198	199	200	202
CURVE BAND	$R = \infty$					

KEY PLAN

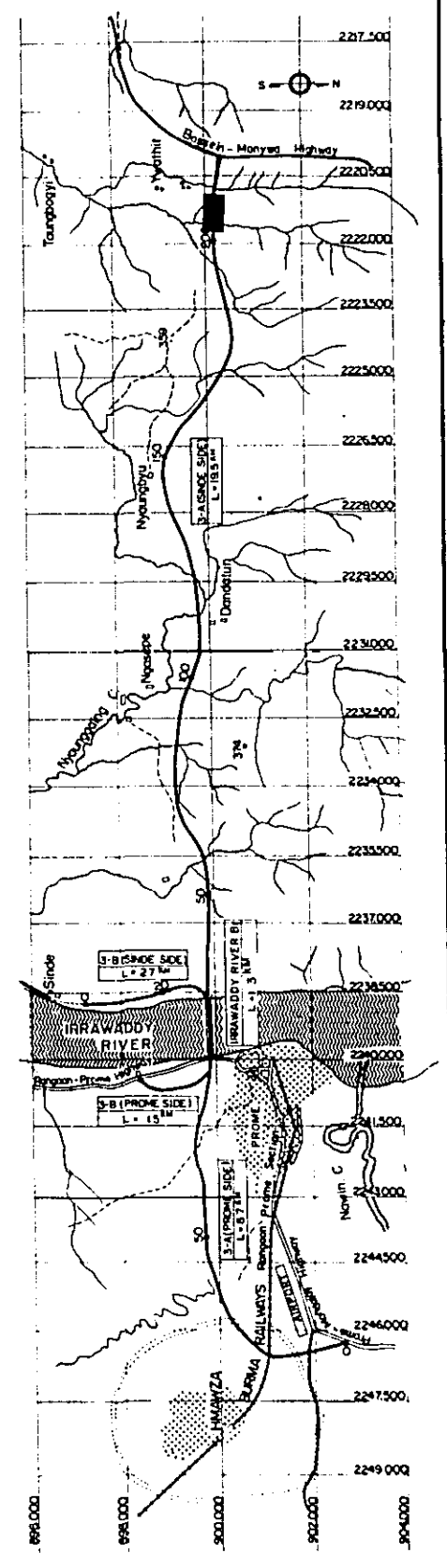


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-4-30
SCALE	V = 1:1000 H = 1:2500

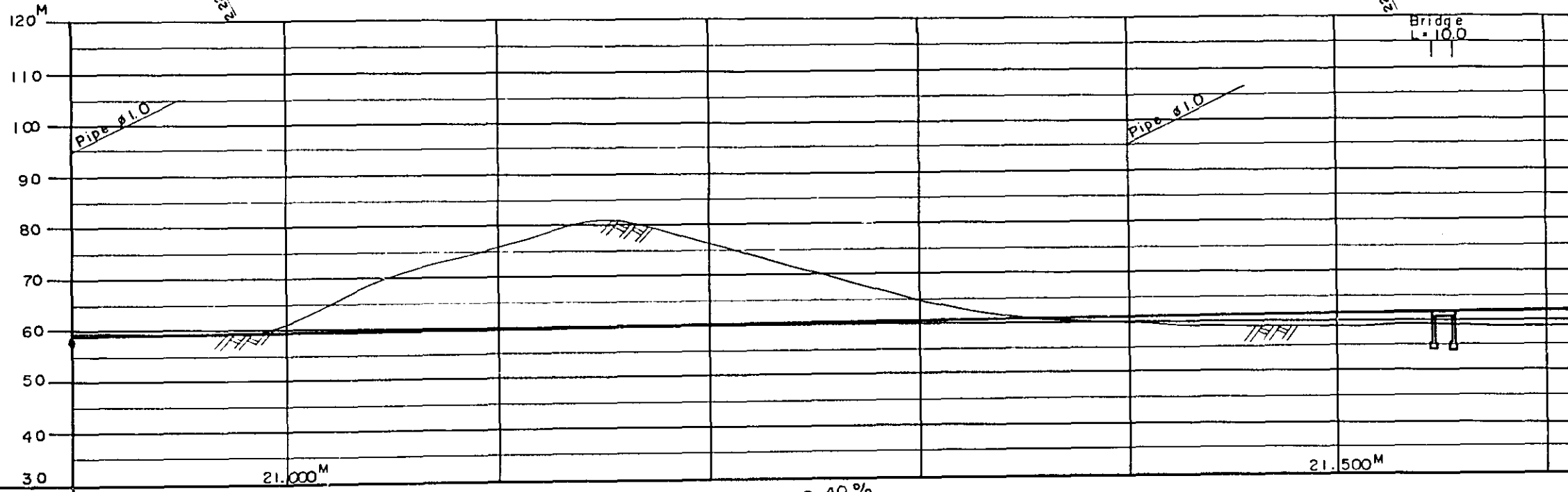
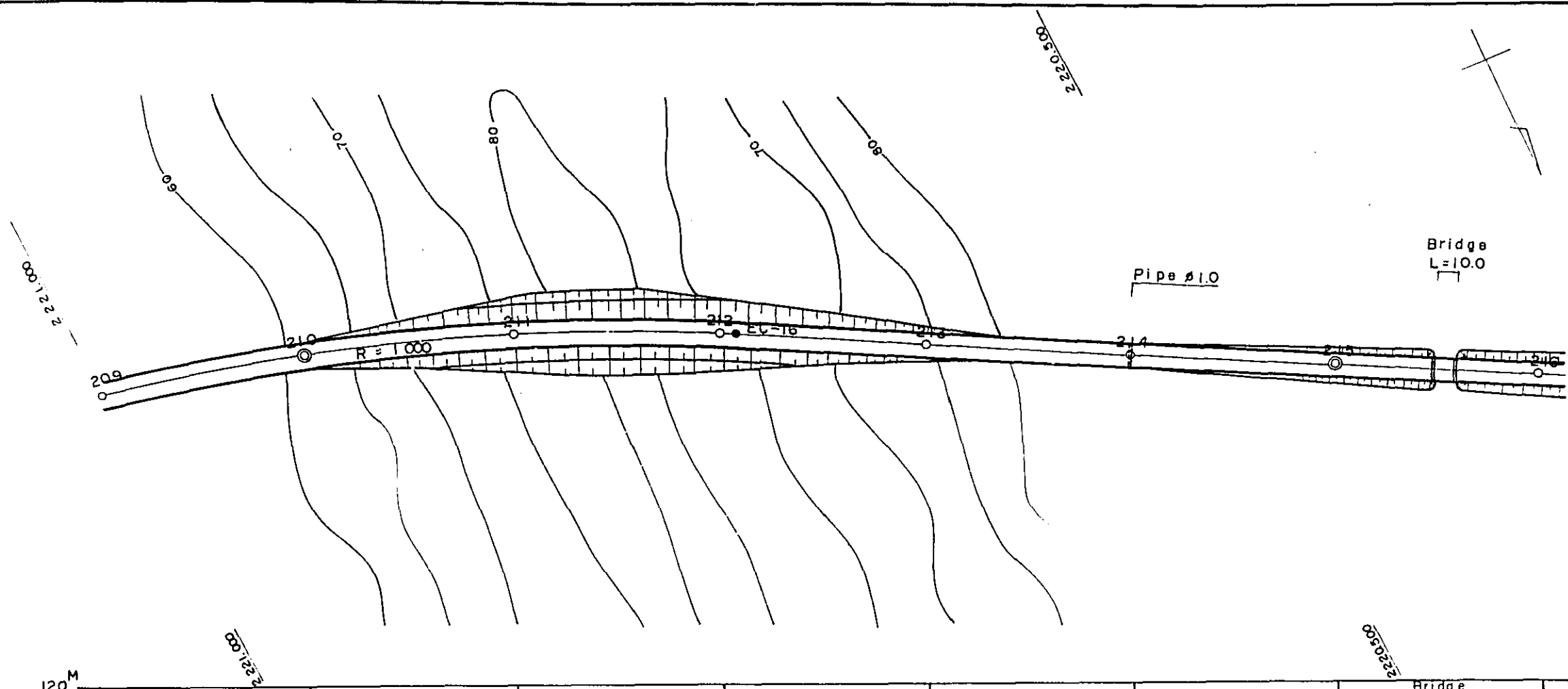


GRADE	$i = 1.40\%$ $L = 2800.0$						$i = 0.40\%$ $L = 1100.0$
PROPOSED HEIGHT	63.70	62.30	60.90	59.73	58.10	58.2	58.90
GROUND HEIGHT	60.0	59.8	59.0	57.9	56.5	58.2	59.8
STATION	203	204	205	206	207	208	209
CURVE BAND							R = 1000

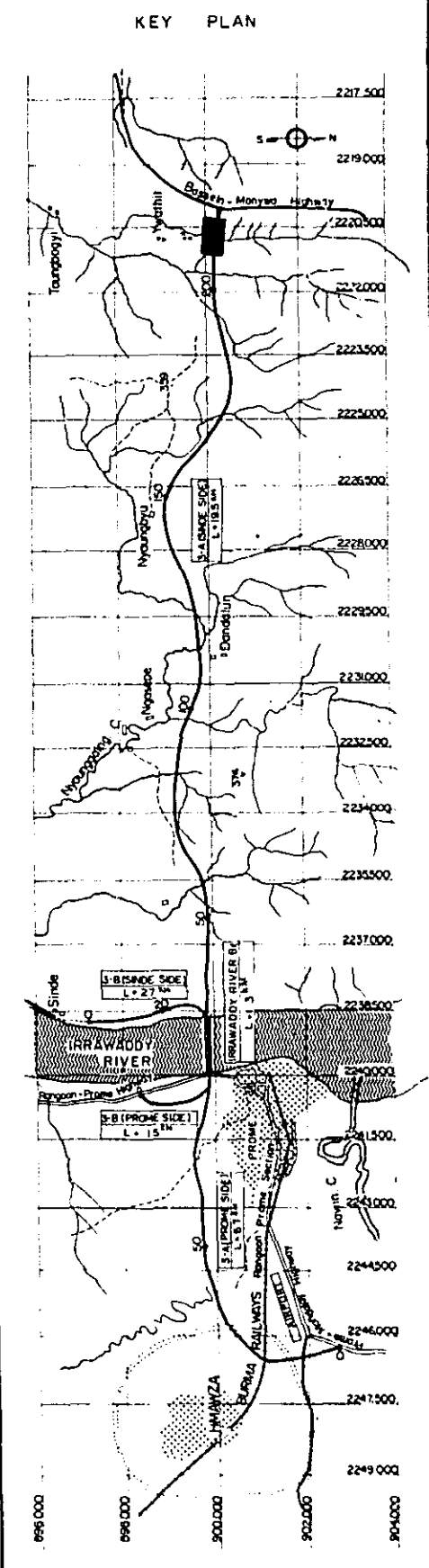
KEY PLAN



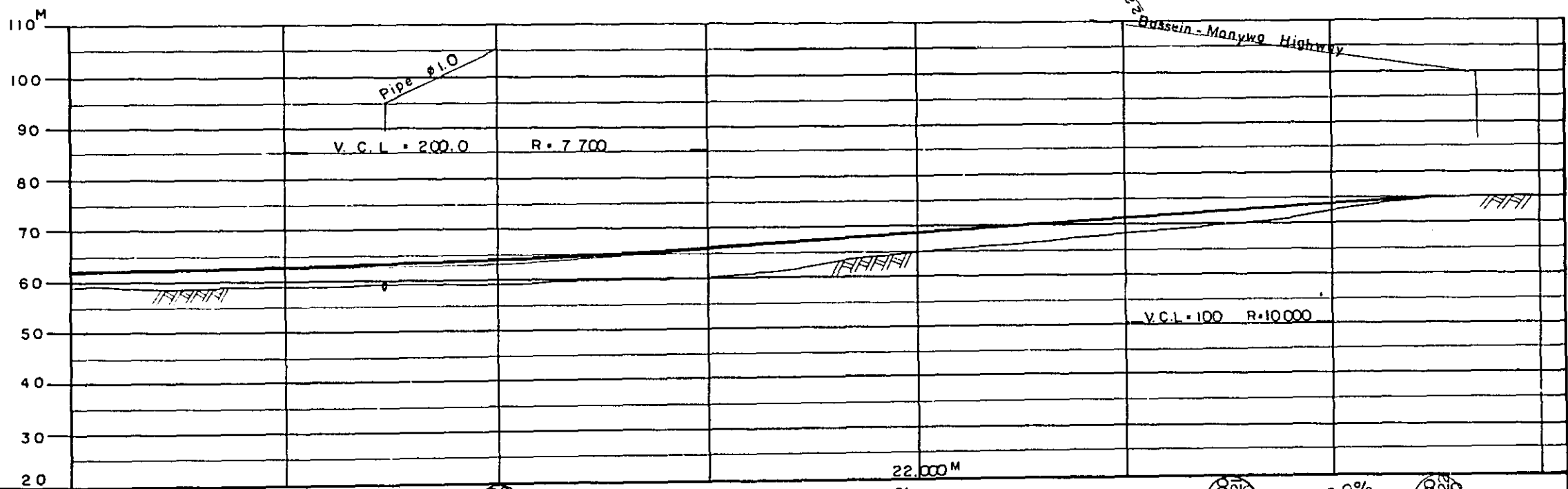
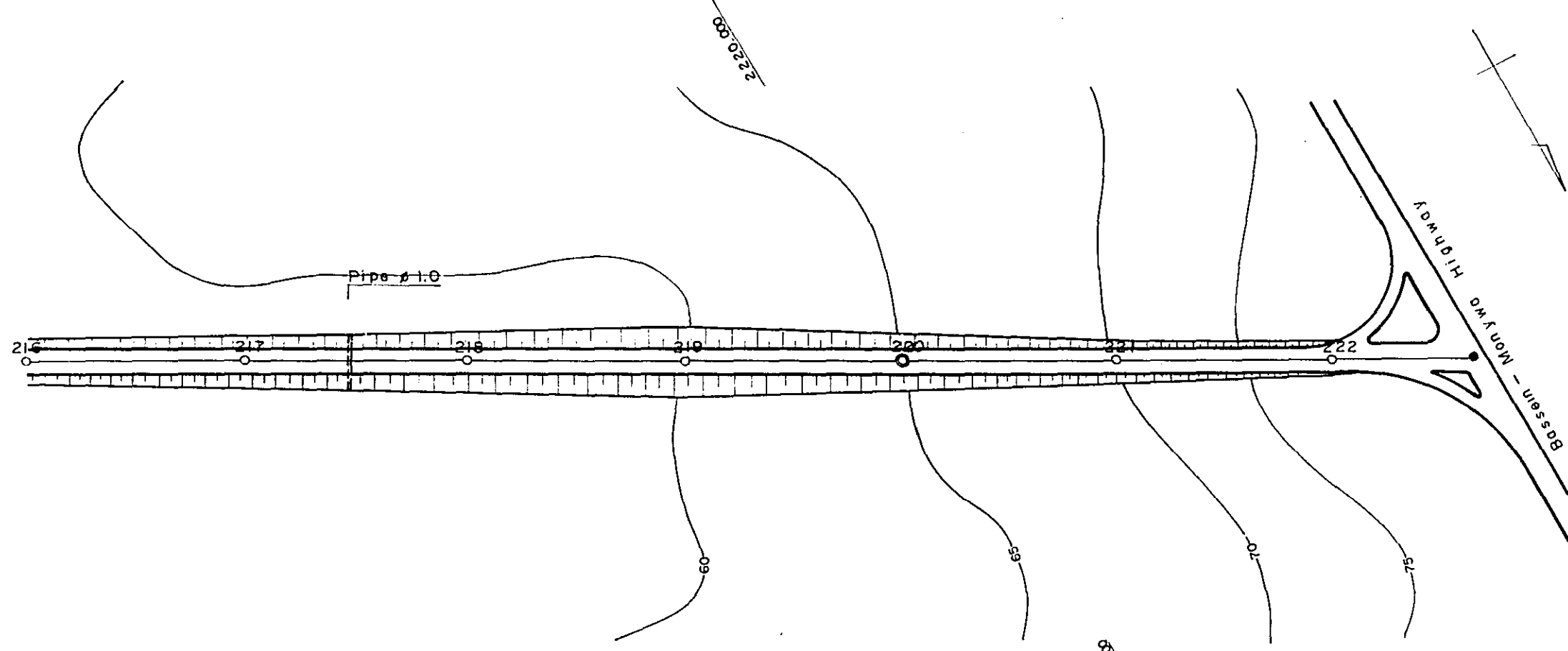
PROJECT	IRRAWADDY RIVER BRIDGE	
SITE NO. 3	FIGURE NO. 6-4-31	
SCALE	V = 1:1000	H = 1:2500



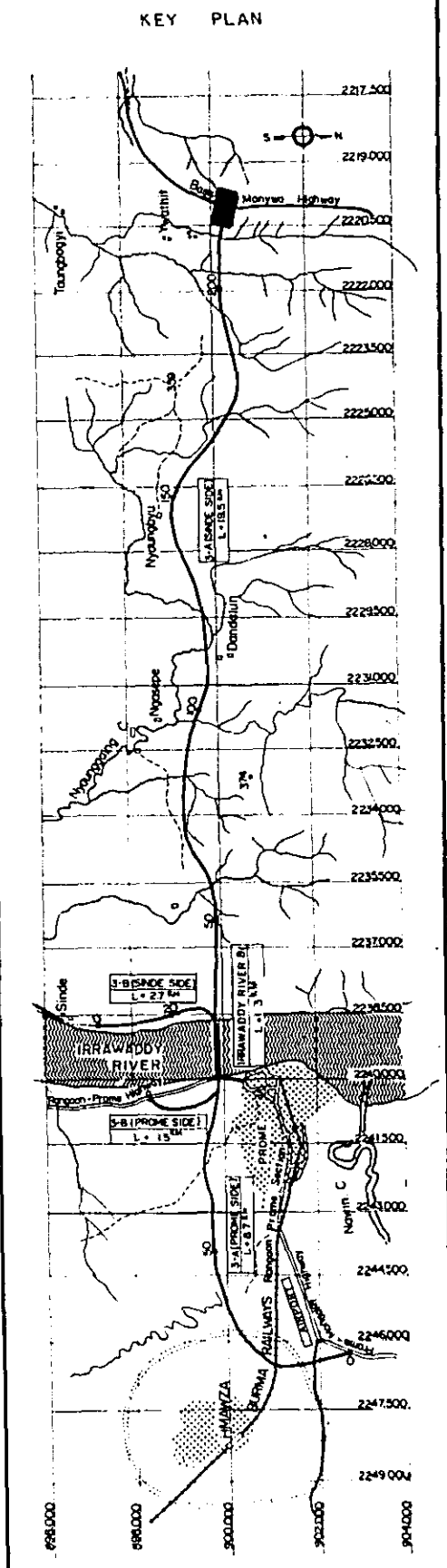
GRADE	I = 0.40% L = 100.0						
PROPOSED HEIGHT	210	211	212	213	214	215	216
GROUND HEIGHT	61.0	76.0	76.0	65.2	60.0	59.0	59.0
STATION	210	211	212	213	214	215	216
CURVE BAND	R = 1000						



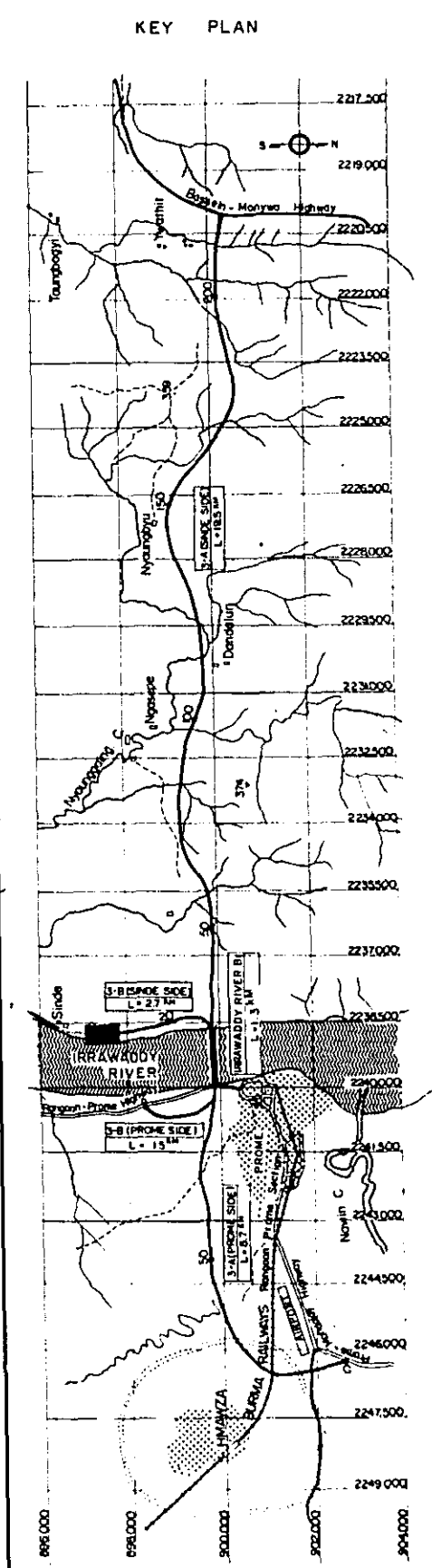
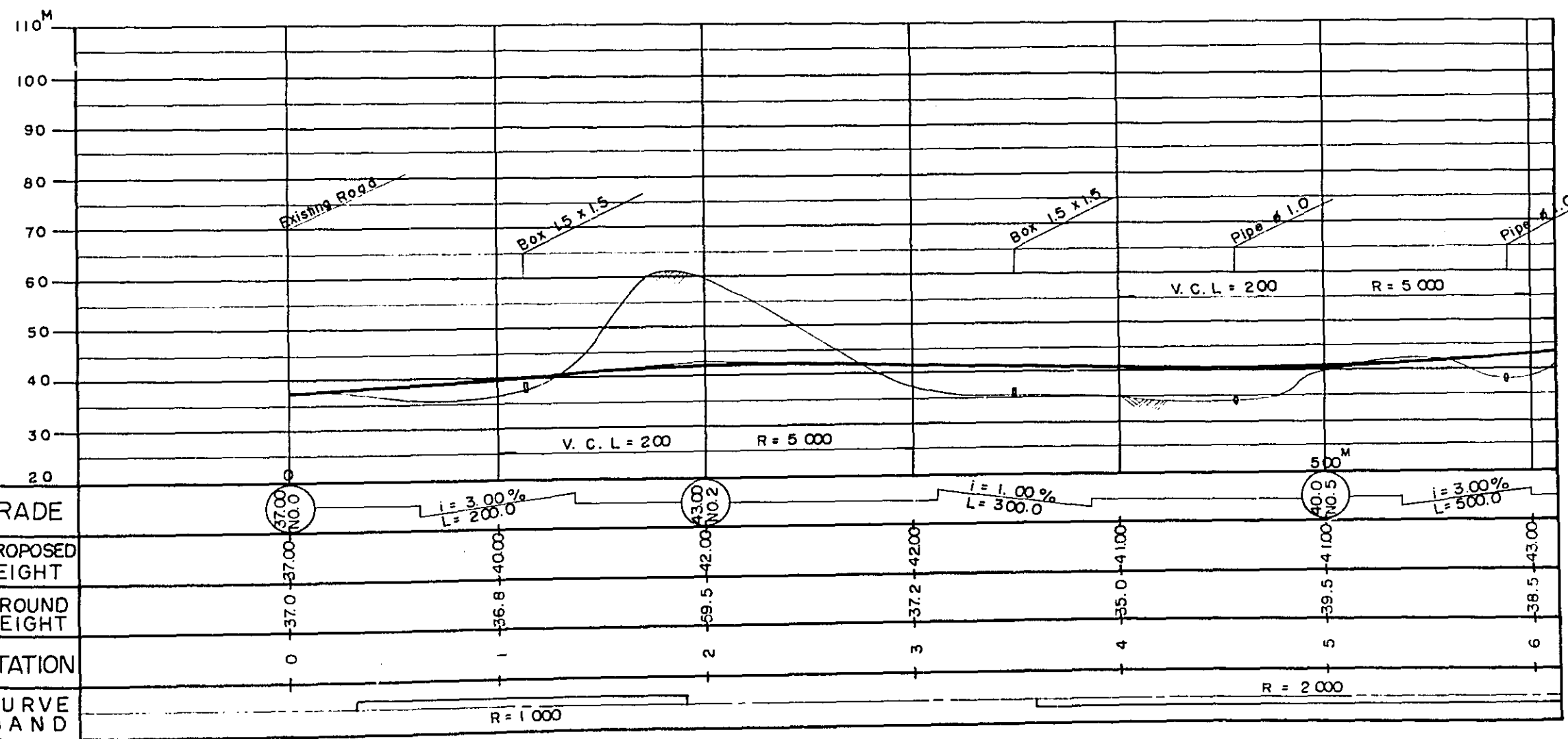
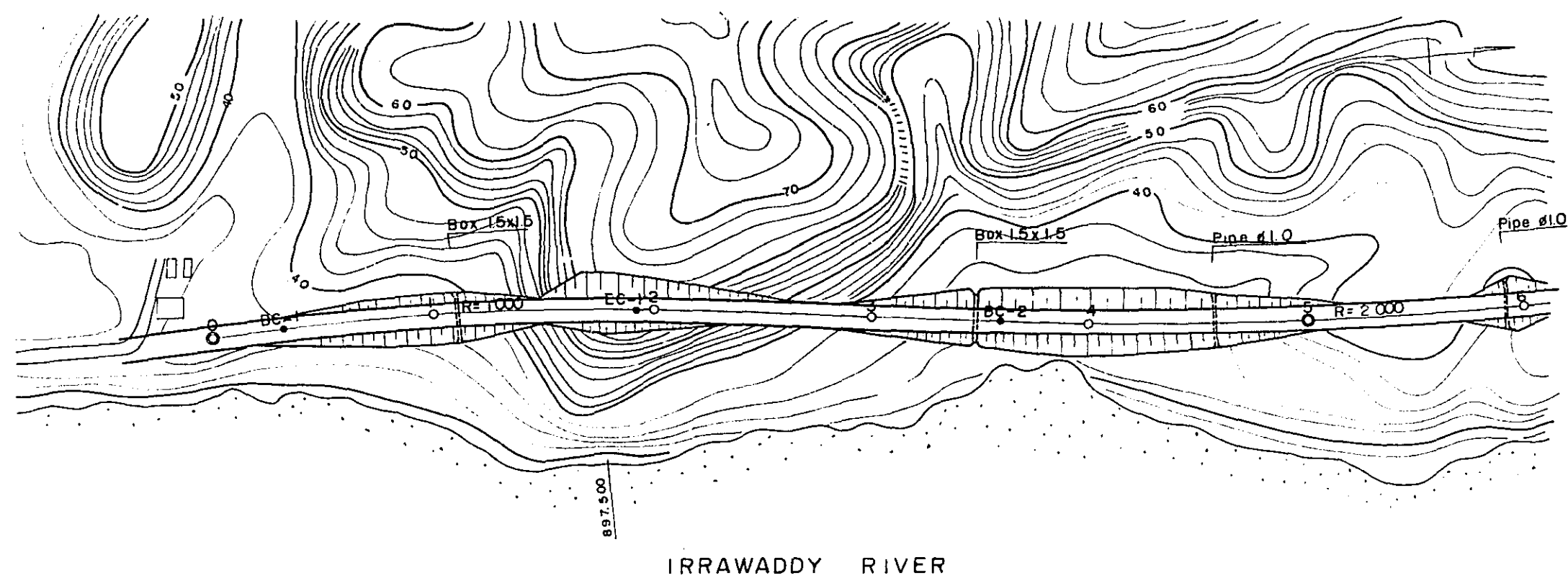
PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-4-32
 SCALE V = 1:1000 H = 1:2500



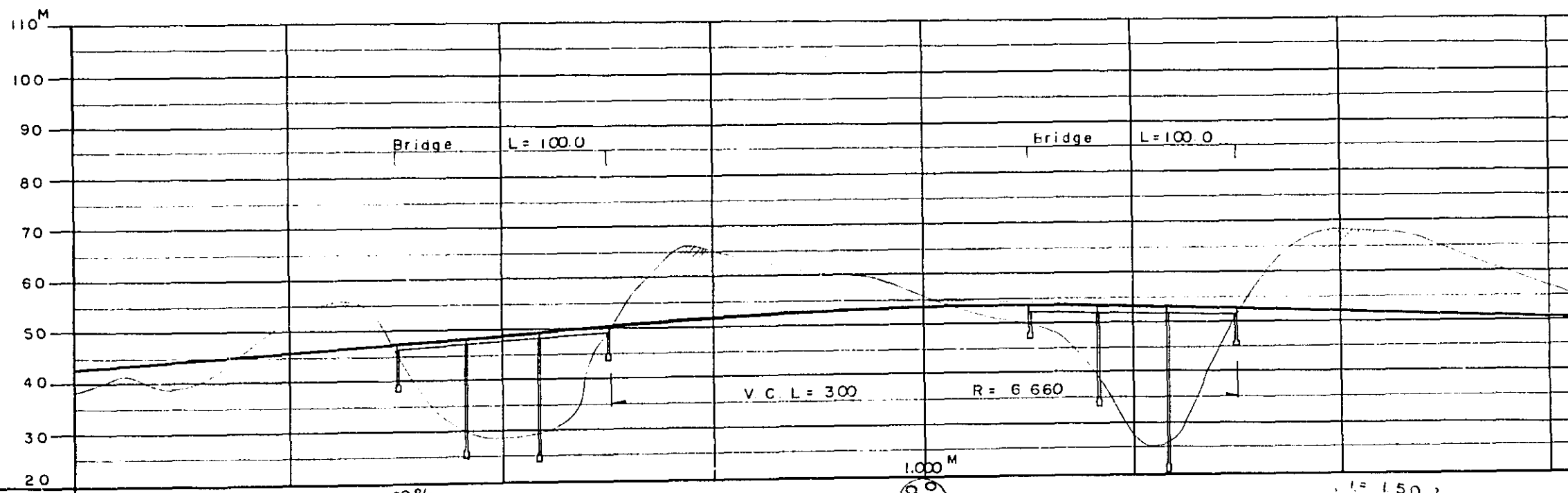
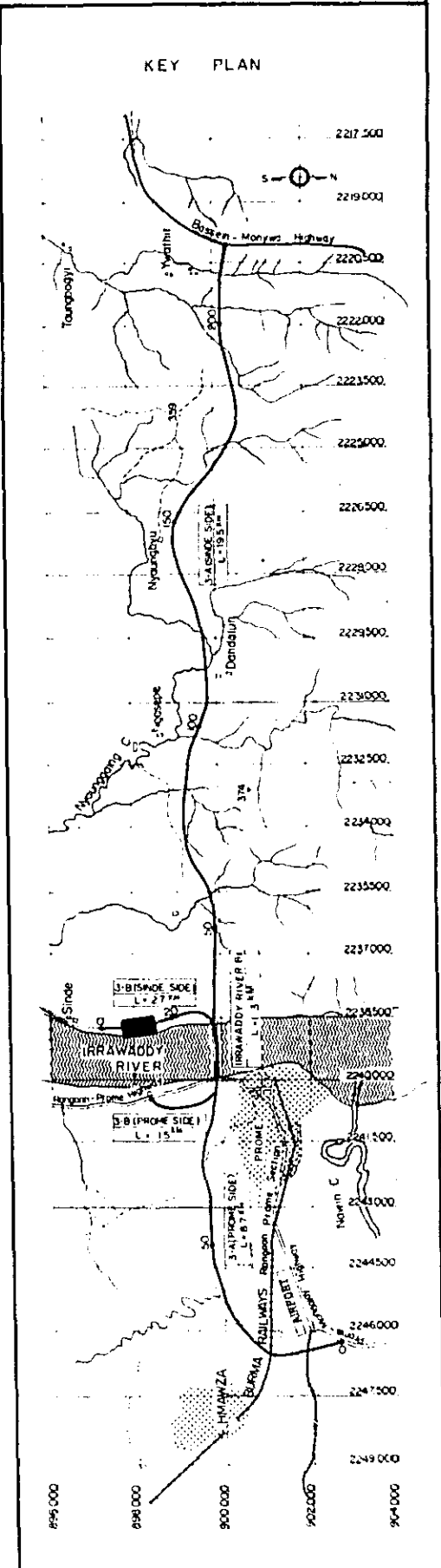
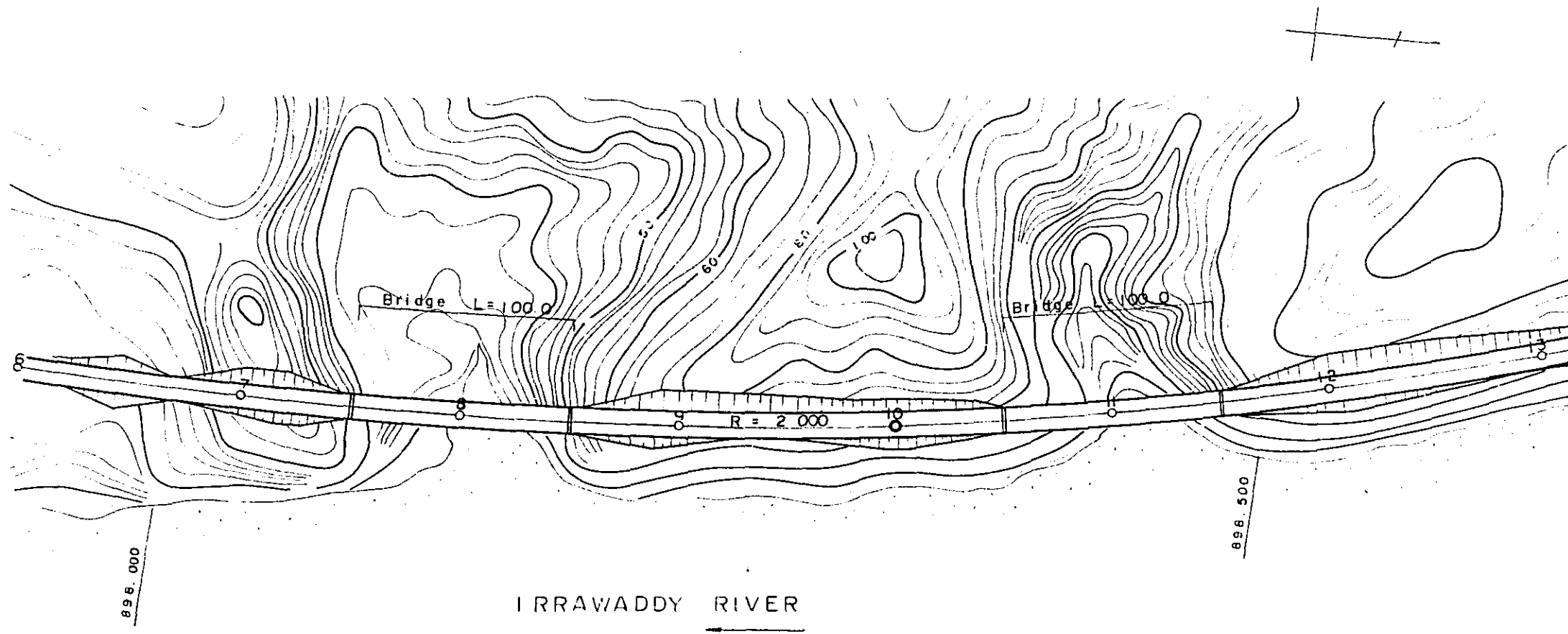
GRADE							
PROPOSED HEIGHT	62.10	63.15	65.50	68.50	71.50	74.00	75.0
GROUND HEIGHT	58.5	59.0	60.0	65.0	68.0	72.5	75.0
STATION	217	218	219	220	221	222	223
CURVE BAND	R = 8						



PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-5-1
SCALE	V = 1:1000 H = 1:2500

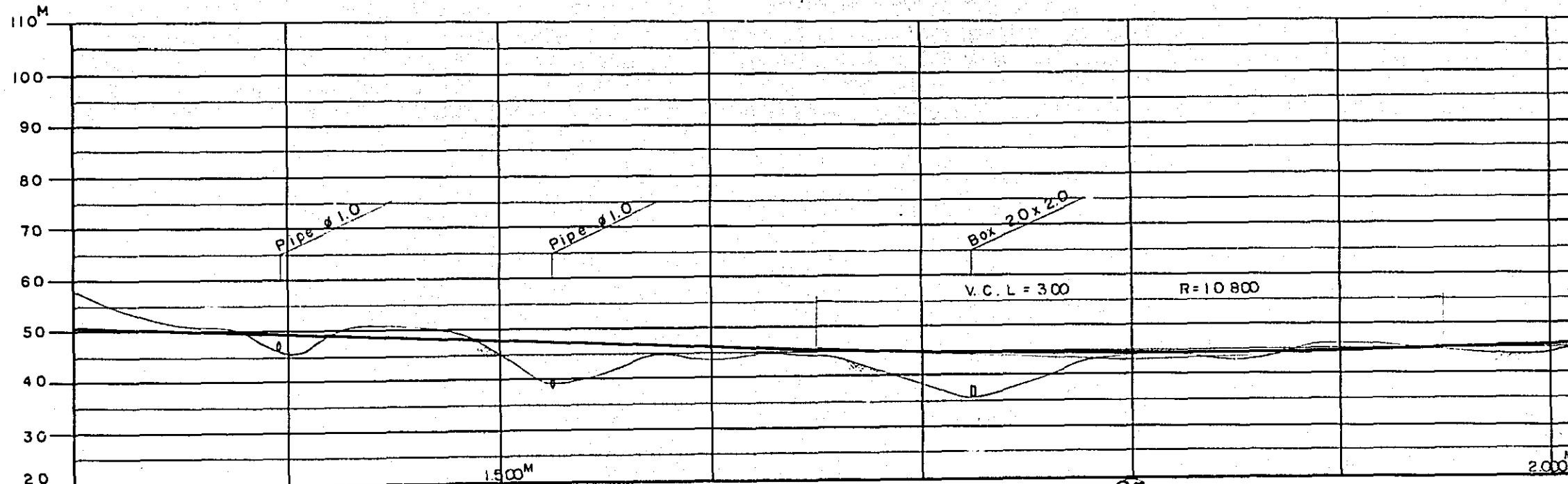
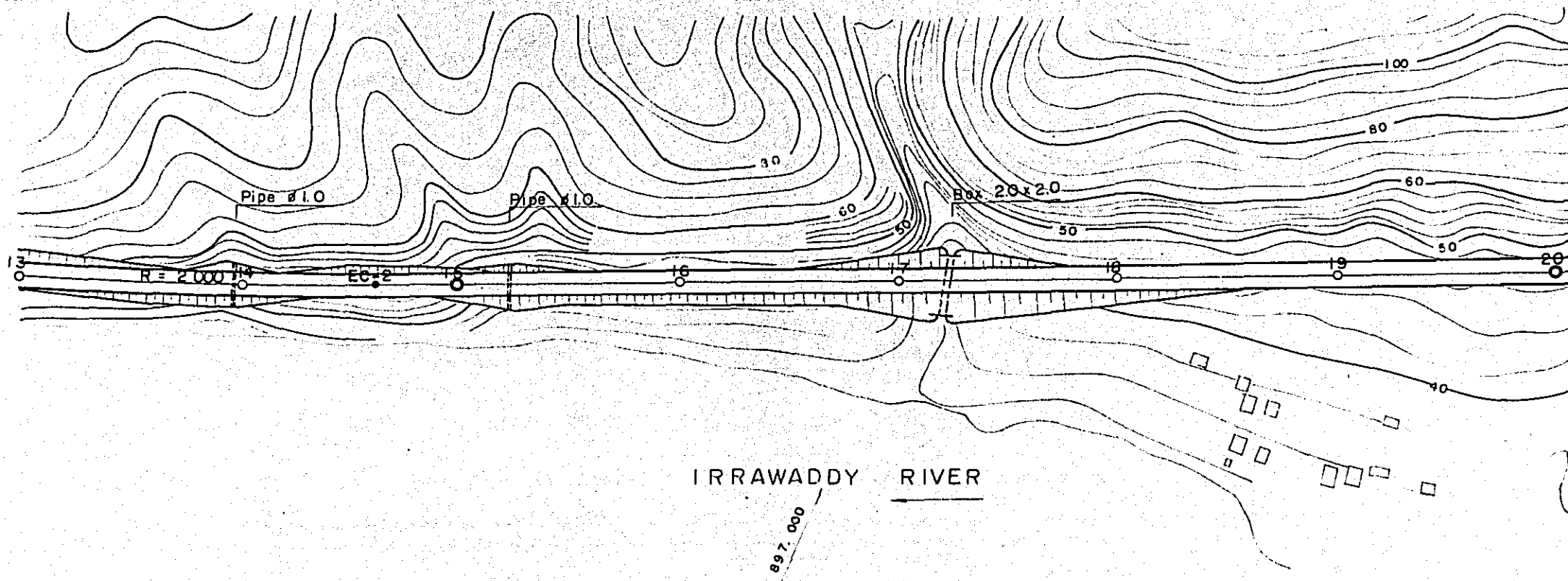


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-5-2
SCALE	V = 1:1000 H = 1:2500



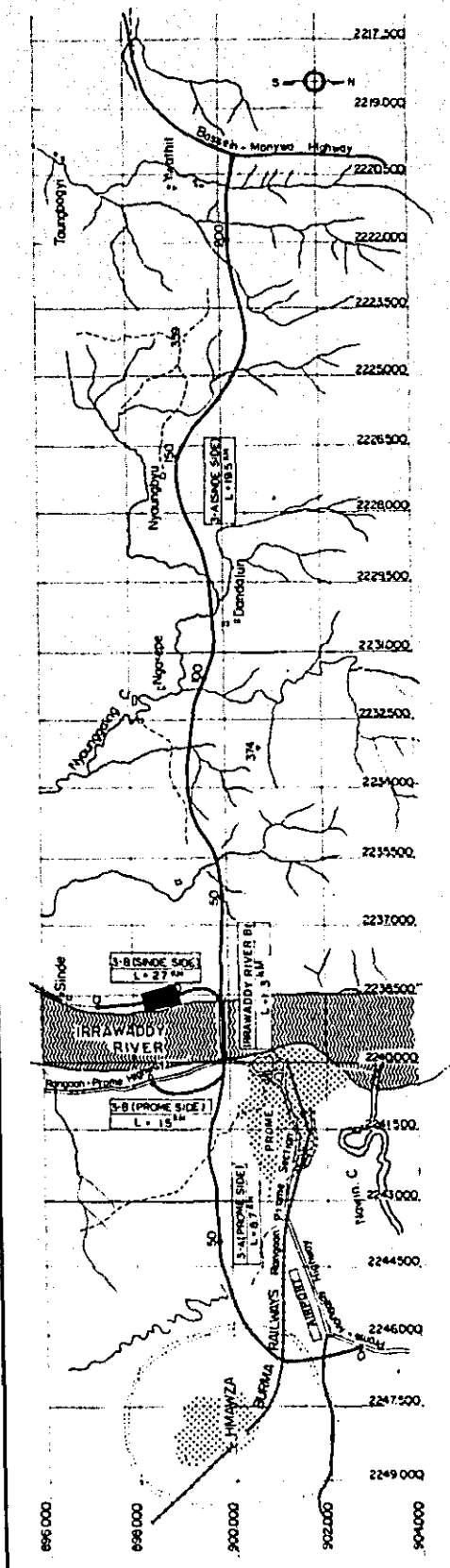
GRADE	$i = 3.00\%$ $L = 500.0$						
PROPOSED HEIGHT	46.00	49.00	51.81	55.0	53.31	52.00	50.50
GROUND HEIGHT	52.5	49.0	65.0	55.6	49.0	68.0	57.4
STATION	7	8	9	10	11	12	13
CURVE BAND	$R = 2,000$						

PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-5-3
SCALE	V = 1:1000 H = 1:2500

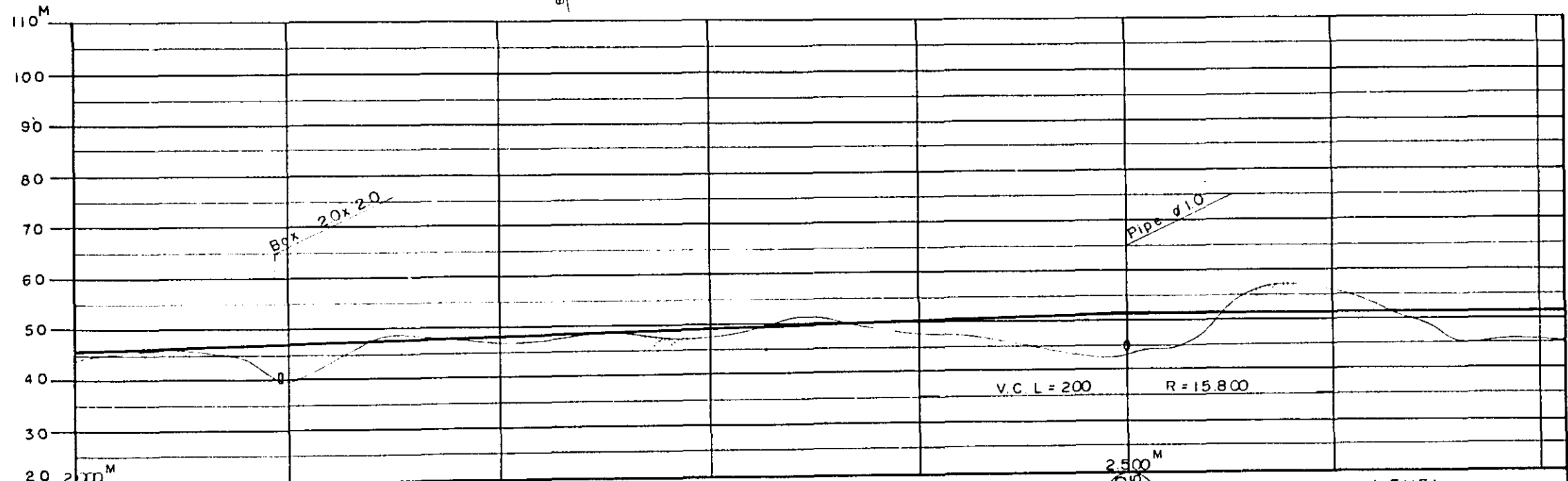
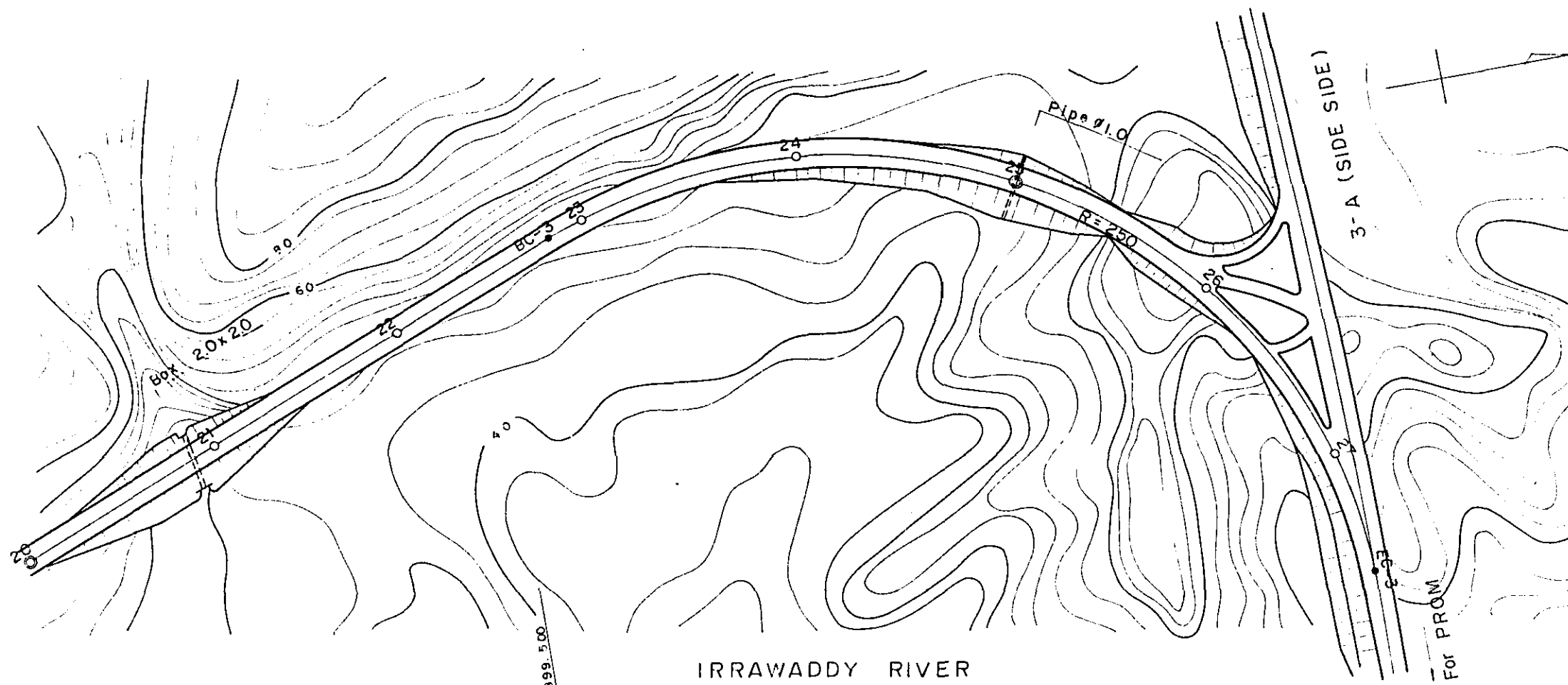


GRADE	i = 1.50% L = 800.0				i = 1.26% L = 7000	
PROPOSED HEIGHT	43.00	44.03	44.03	44.18	44.37	45.51
GROUND HEIGHT	45.5	44.5	44.0	38.7	46.2	44.2
STATION	14	15	16	17	18	20
CURVE BAND	R = 2000					

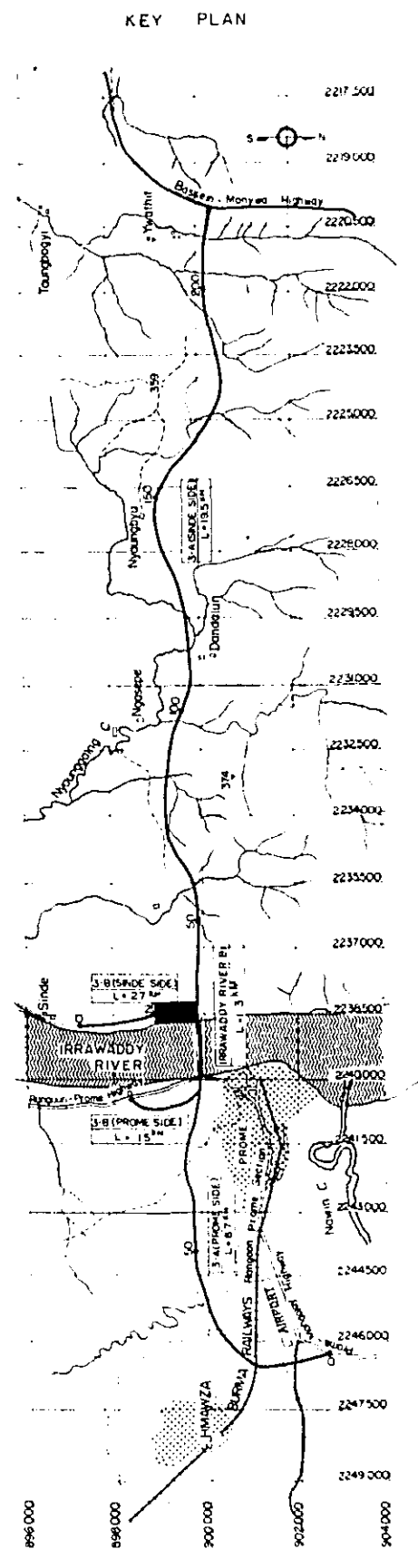
KEY PLAN



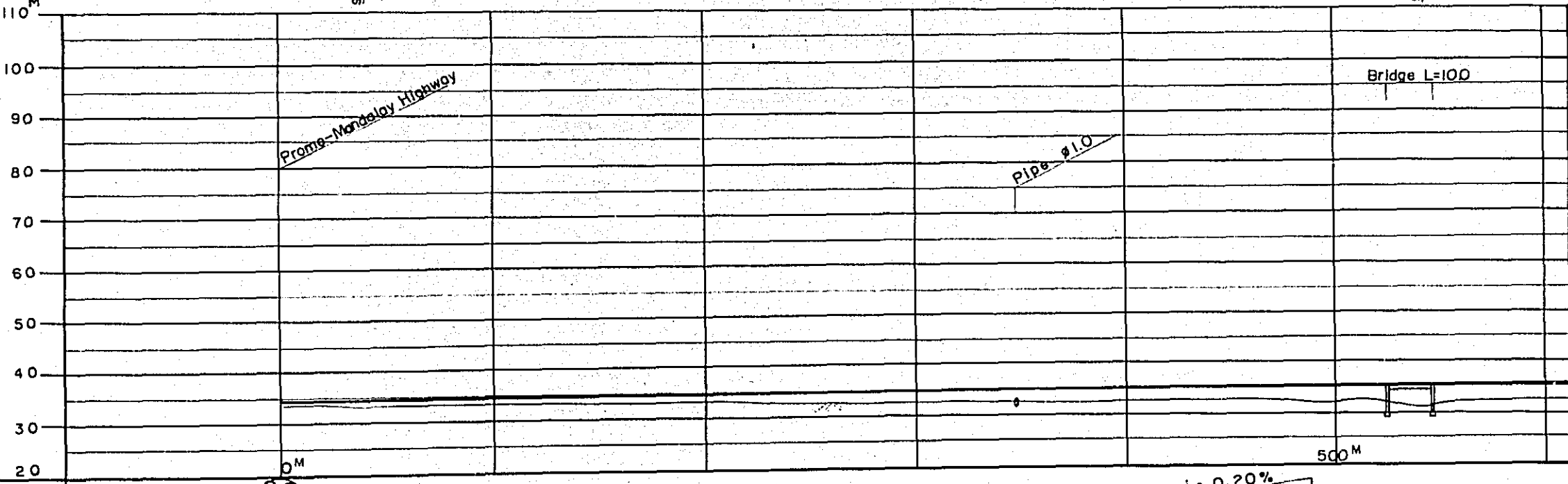
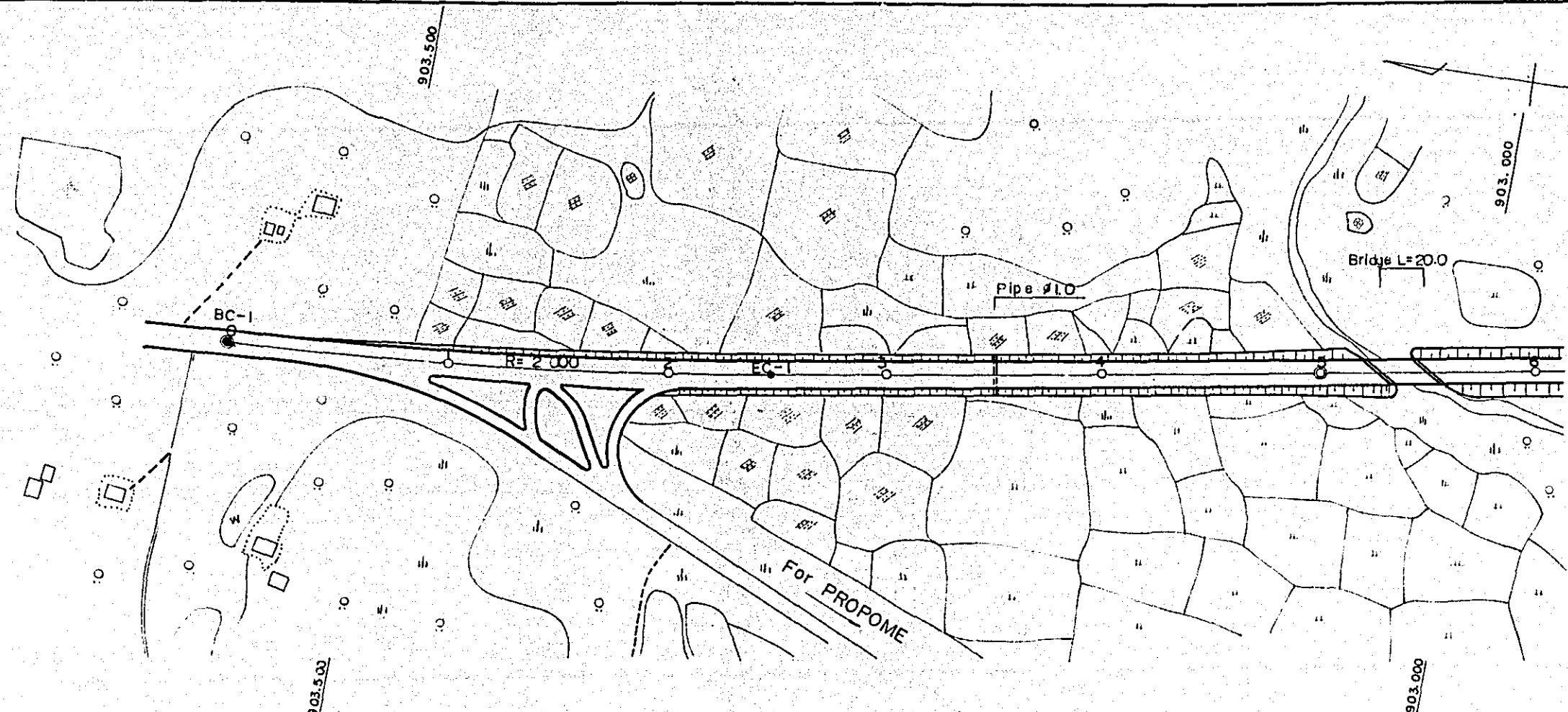
PROJECT	IRRAWADDY RIVER BRIDGE		
SITE NO. 3	FIGURE NO. 6-5-4		
SCALE	V = 1:1000	H = 1:2500	



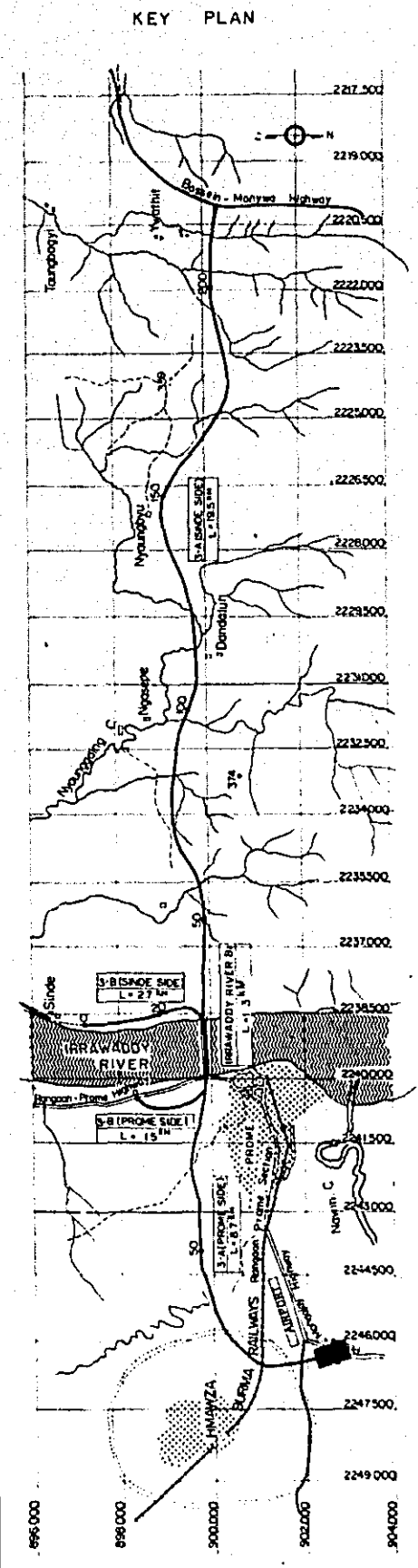
GRADE	LEVEL						
PROPOSED HEIGHT	46.77	48.03	49.29	50.54	51.80	51.80	51.80
GROUND HEIGHT	39.3	47.0	47.9	47.5	43.0	56.0	46.0
STATION	21	22	23	24	25	26	27
CURVE BAND	R = 250						



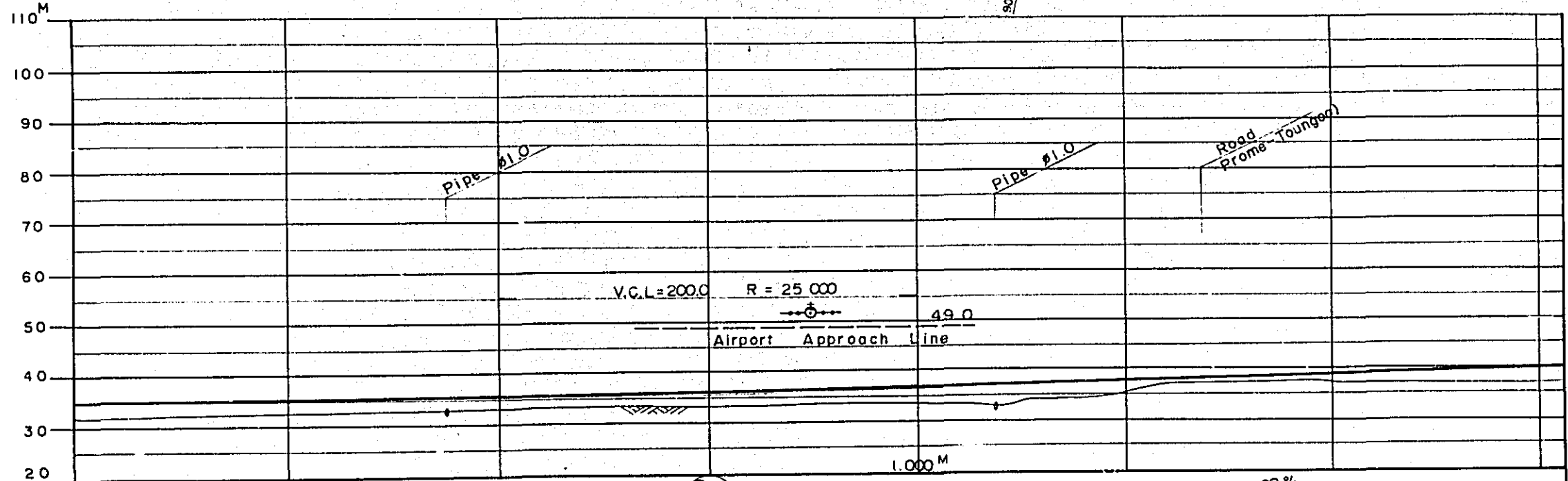
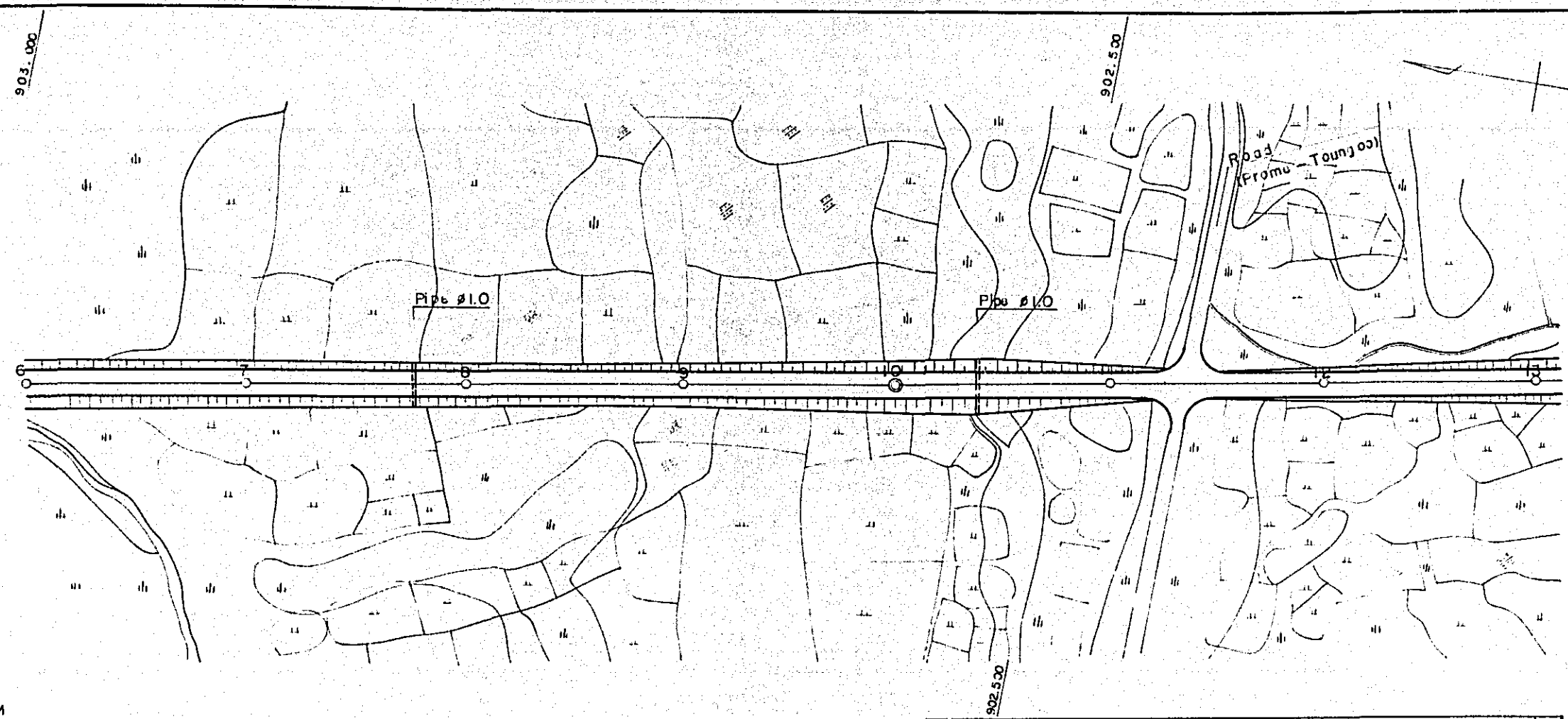
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-6-1
SCALE	V = 1:1000 H = 1:2500



GRADE						
PROPOSED HEIGHT						
GROUND HEIGHT	33.0	33.2	32.8	32.5	32.0	31.8
STATION	0	1	2	3	4	5
CURVE BAND	R = 2000					

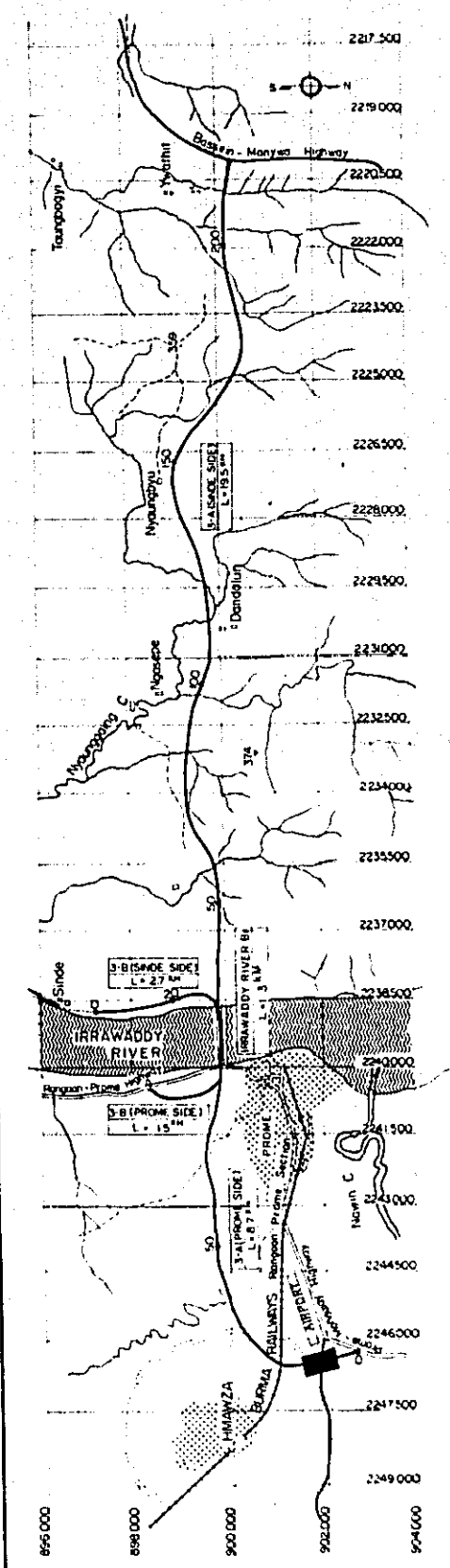


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-6-2
SCALE	V = 1:1000 H = 1:2500



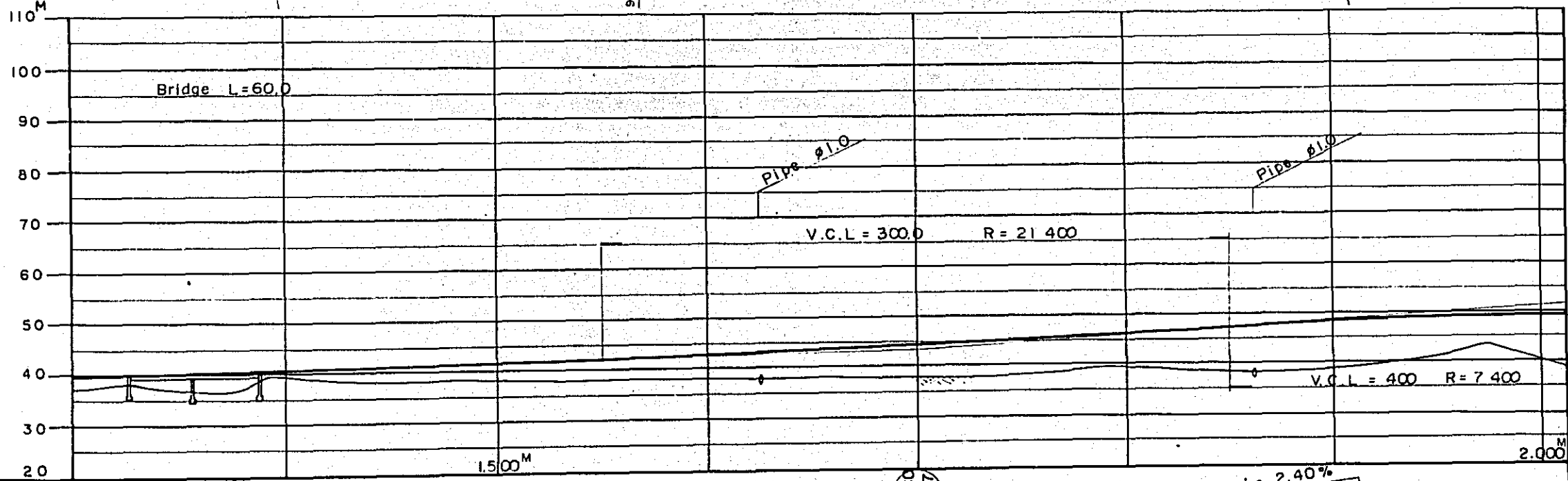
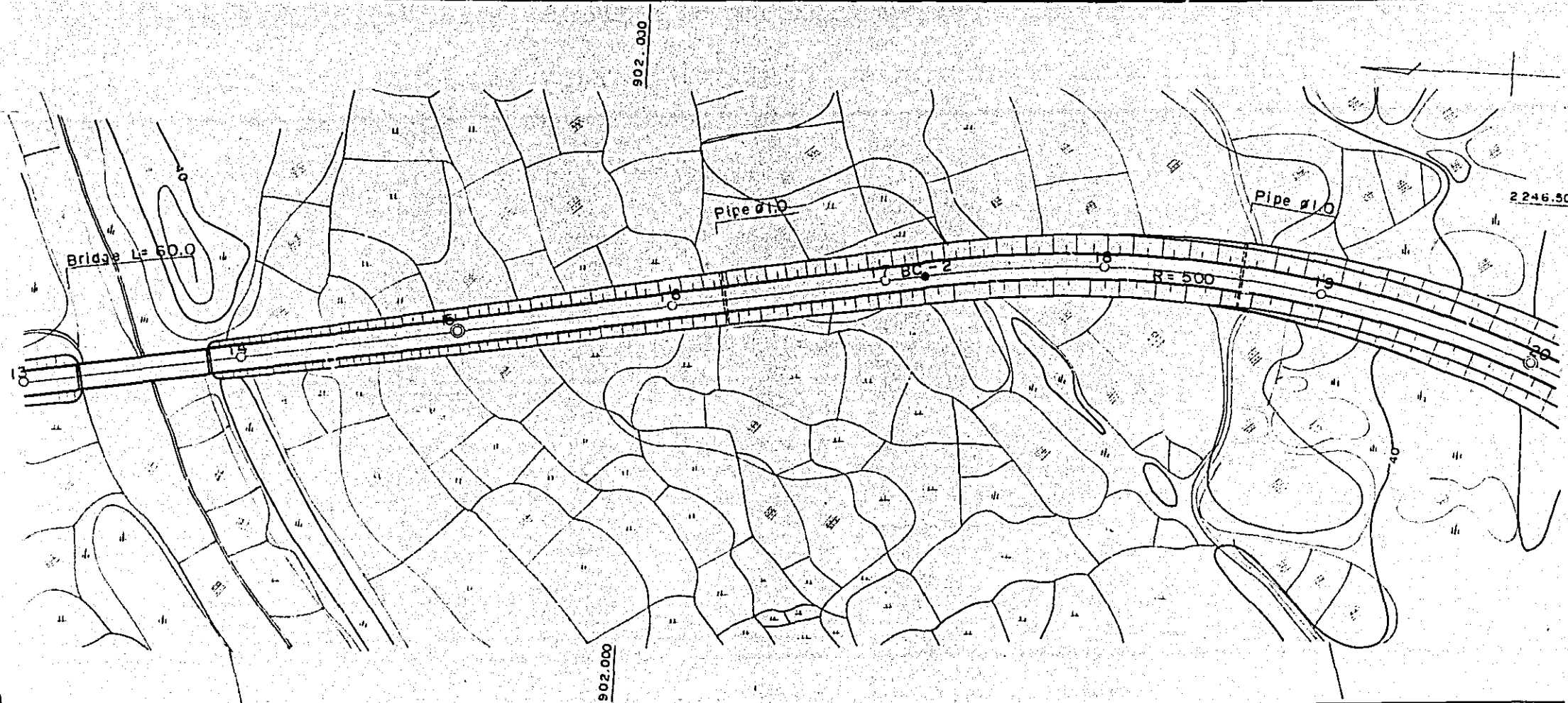
GRADE						
PROPOSED HEIGHT						
GROUND HEIGHT	32.3	33.0	33.4	33.4	34.5	37.2
STATION	7	8	9	10	11	12
CURVE BAND						

KEY PLAN



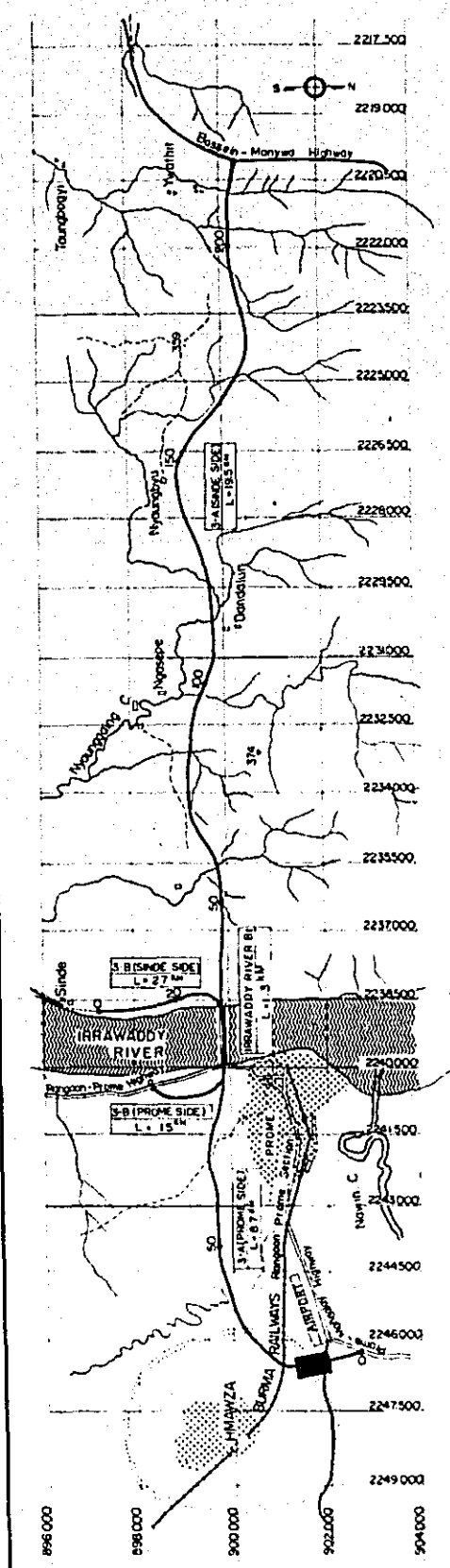
2 246.500

PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-6-3
SCALE	V = 1:1000 H = 1:2500

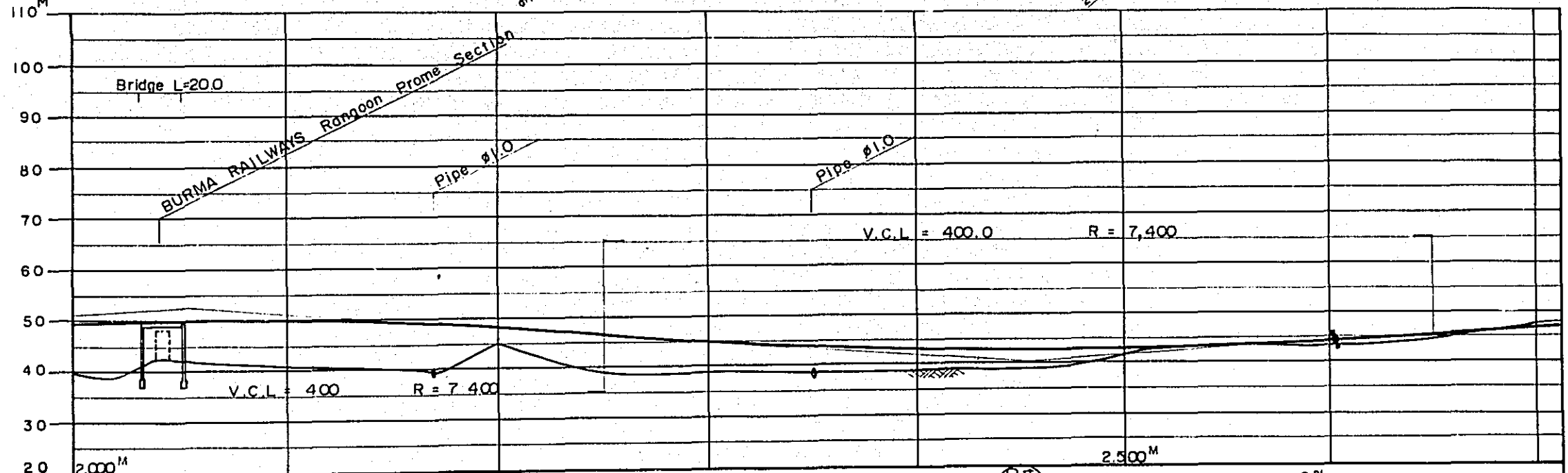
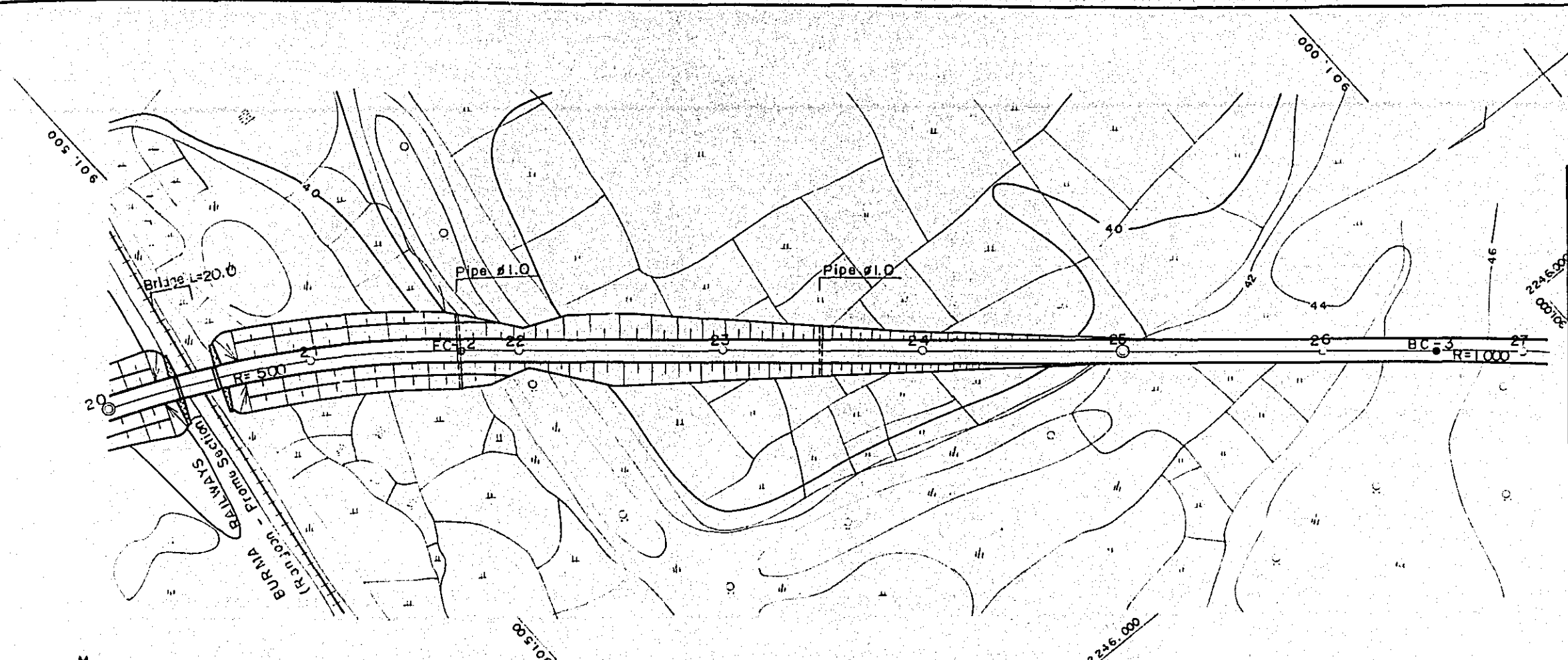


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	STATION	CURVE BAND
			14	
			15	
			16	
			17	
			18	
			19	
			20	
				R = 500

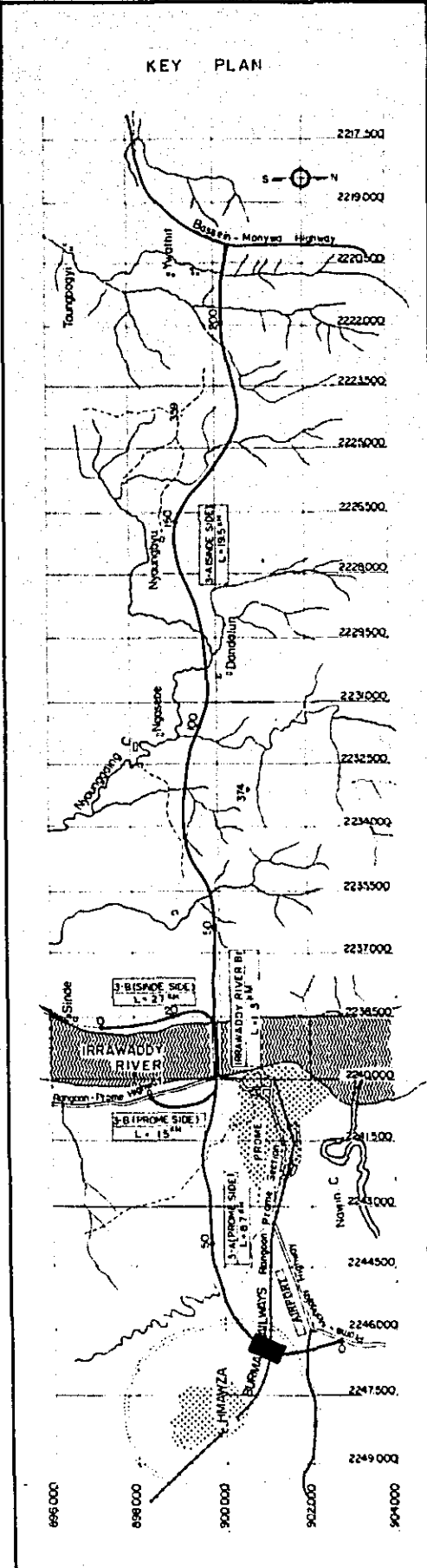
KEY PLAN



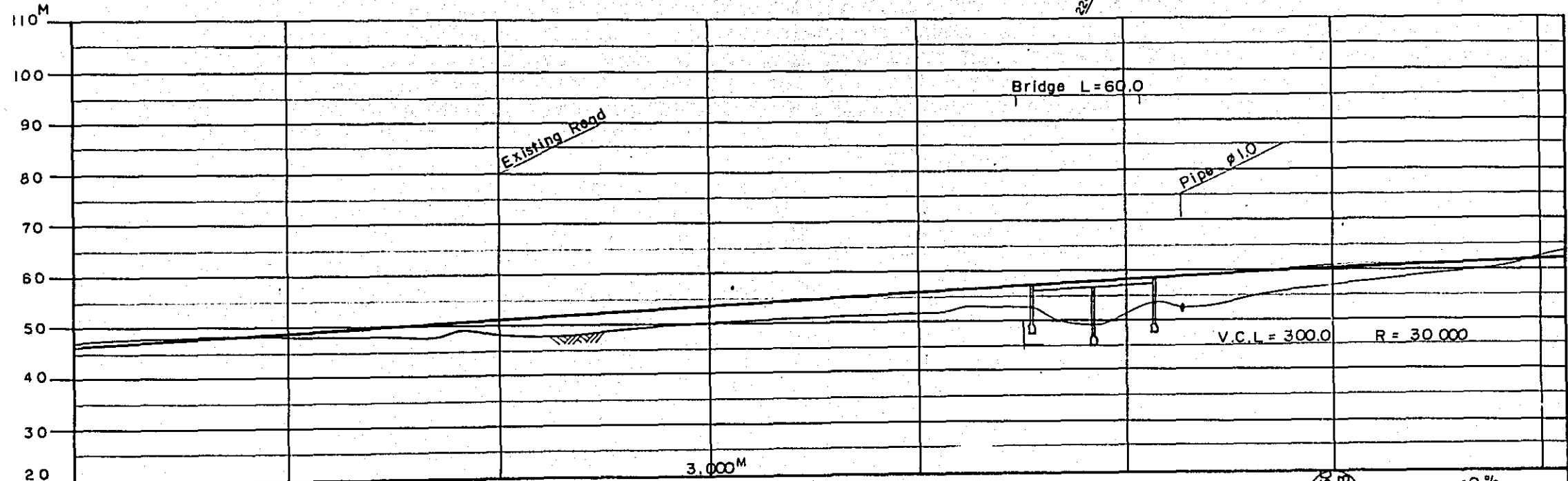
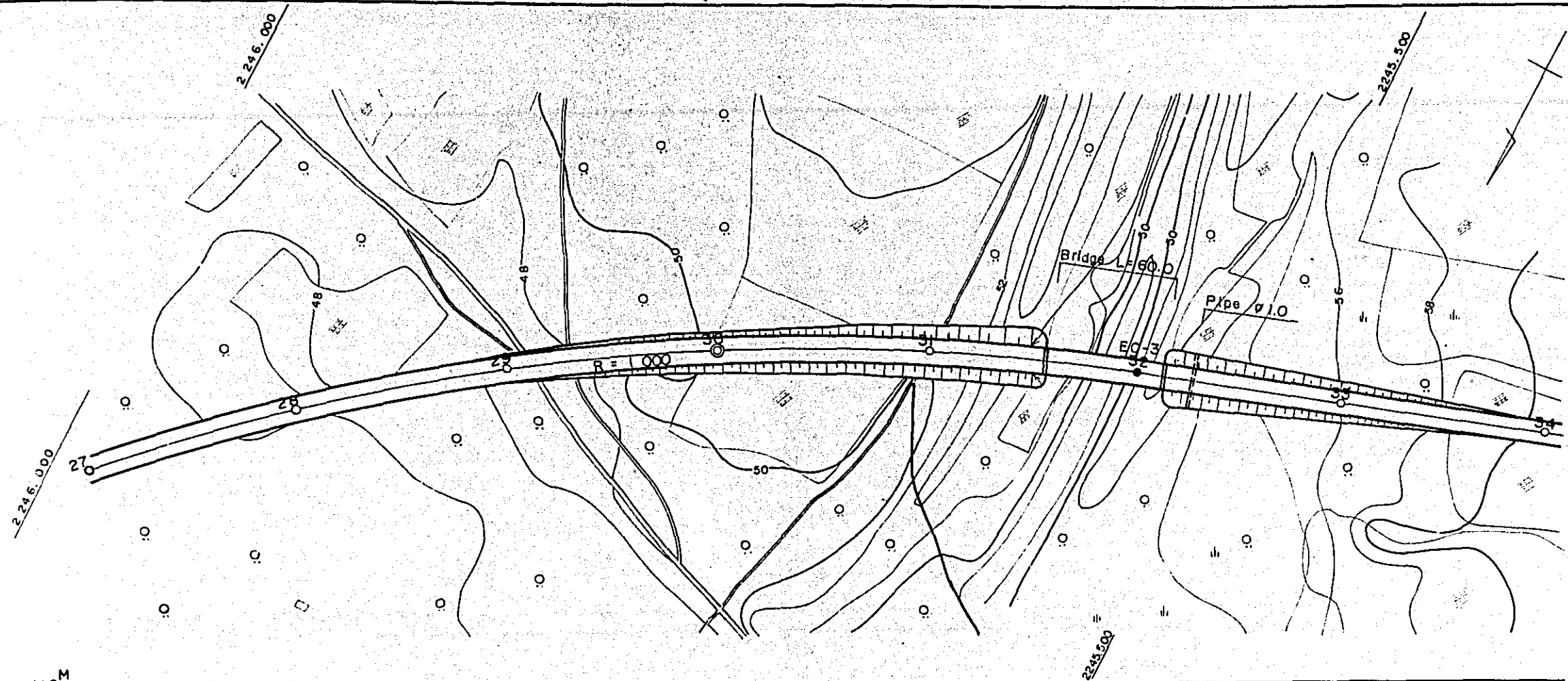
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-6-4
SCALE	V = 1 : 1000 H = 1 : 2500



GRADE								
PROPOSED HEIGHT		419.18	417.53	414.87	413.22	411.8	410.20	
GROUND HEIGHT		40.8	44.5	38.4	38.8	41.8	43.0	
STATION	21	22	23	24	25	26	27	
CURVE BAND	R=500							R=1000

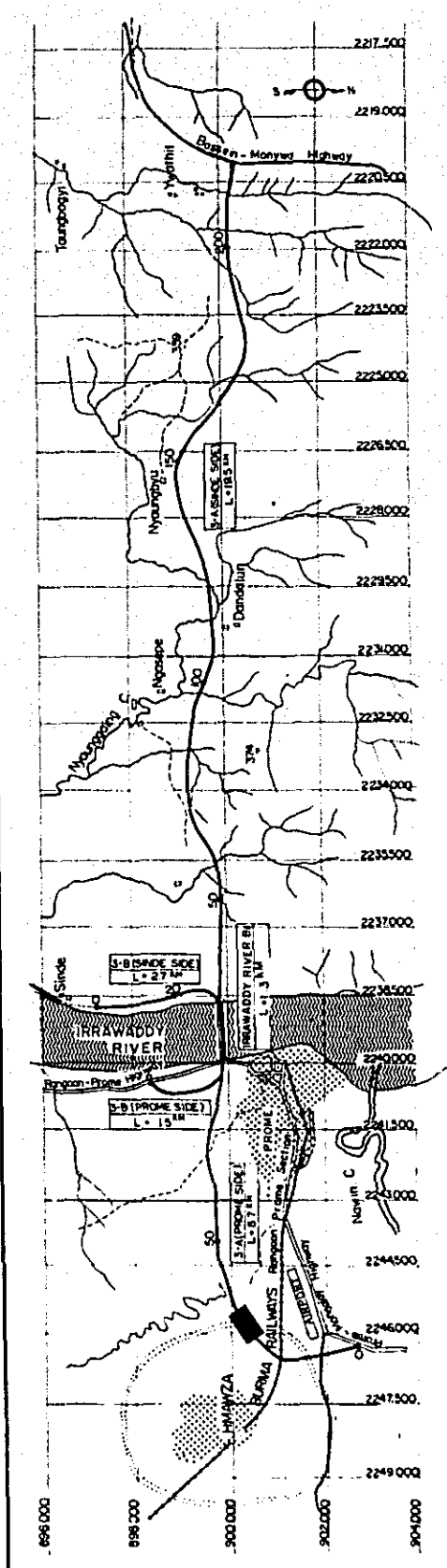


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-6-5
SCALE	V = 1:1000 H = 1:2500

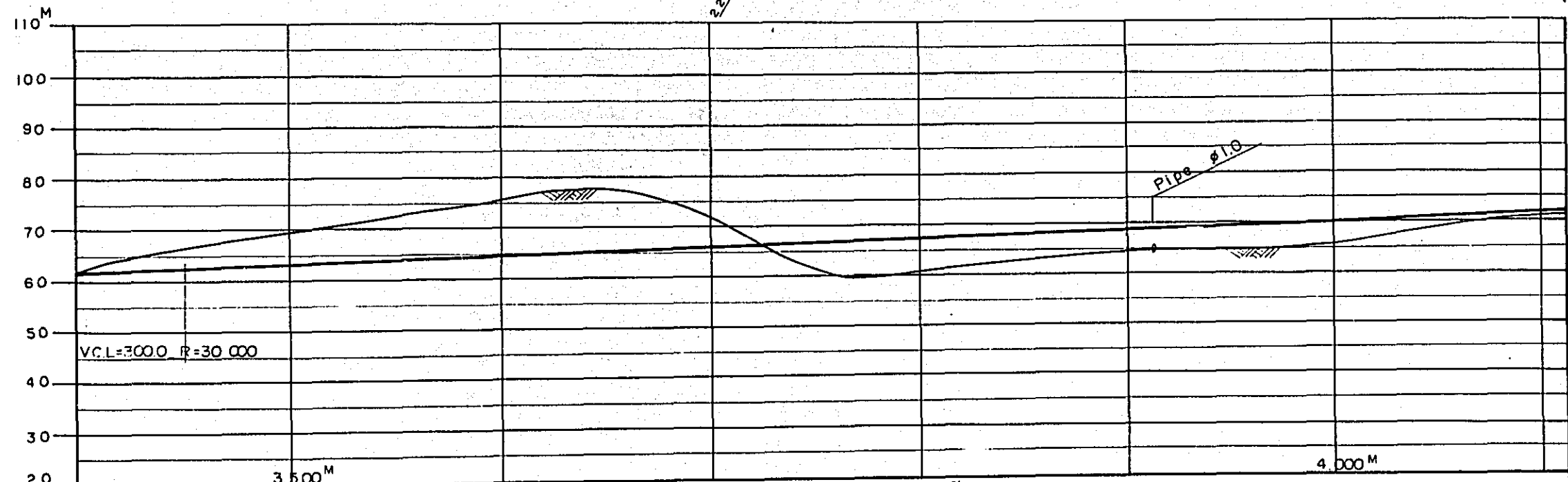
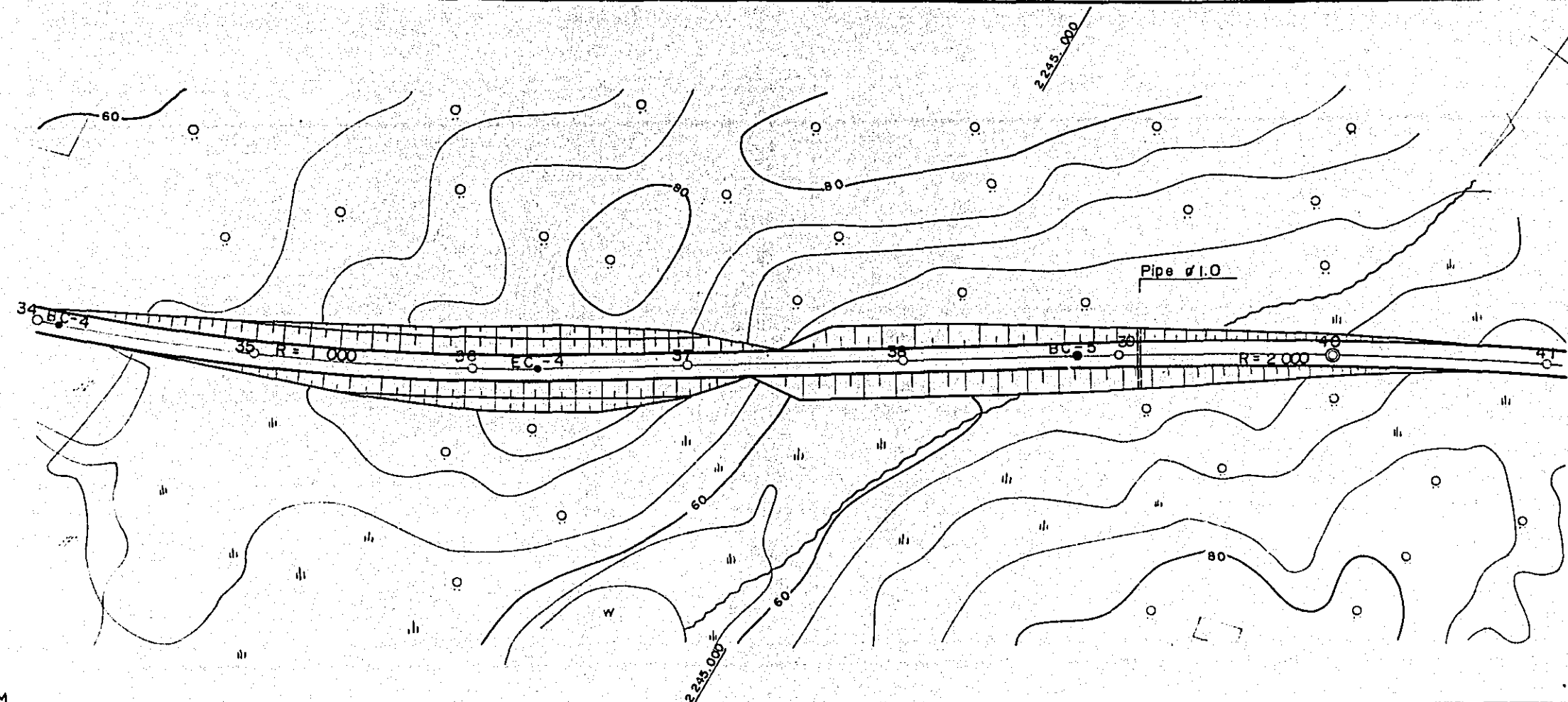


GRADE	i = 2.40% L = 850.0				i = 1.40% L = 1,000.0	
PROPOSED HEIGHT	48.60	51.00	53.40	55.80	58.16	61.96
GROUND HEIGHT	47.9	48.2	50.2	51.8	53.5	62.3
STATION	28	29	30	31	32	34
CURVE BAND	R = 1,000					

KEY PLAN

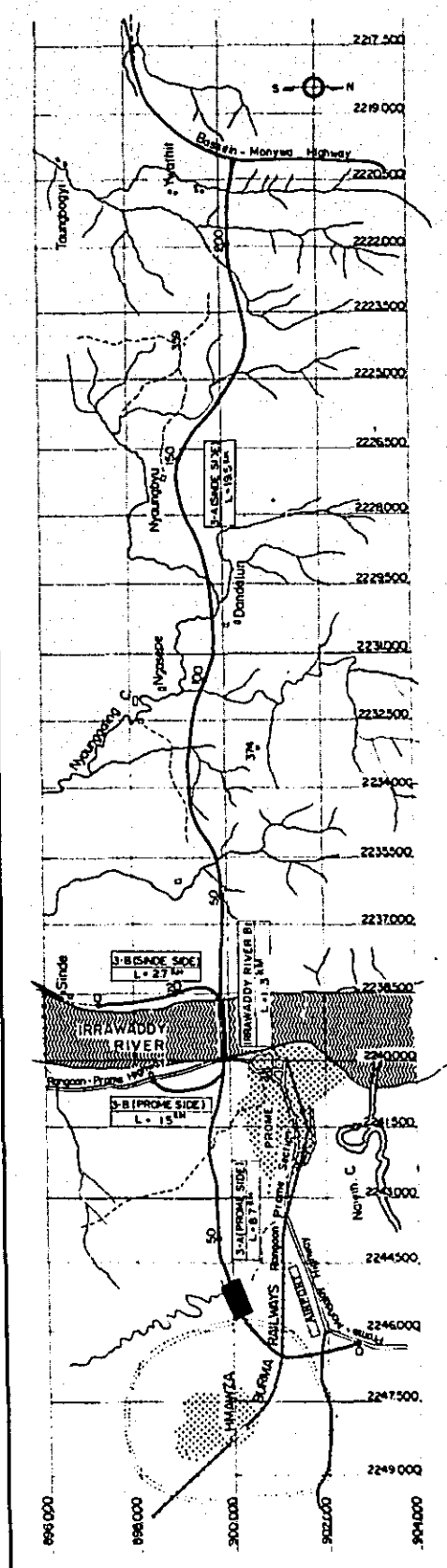


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-6-6
SCALE	V = 1:1000 H = 1:2500

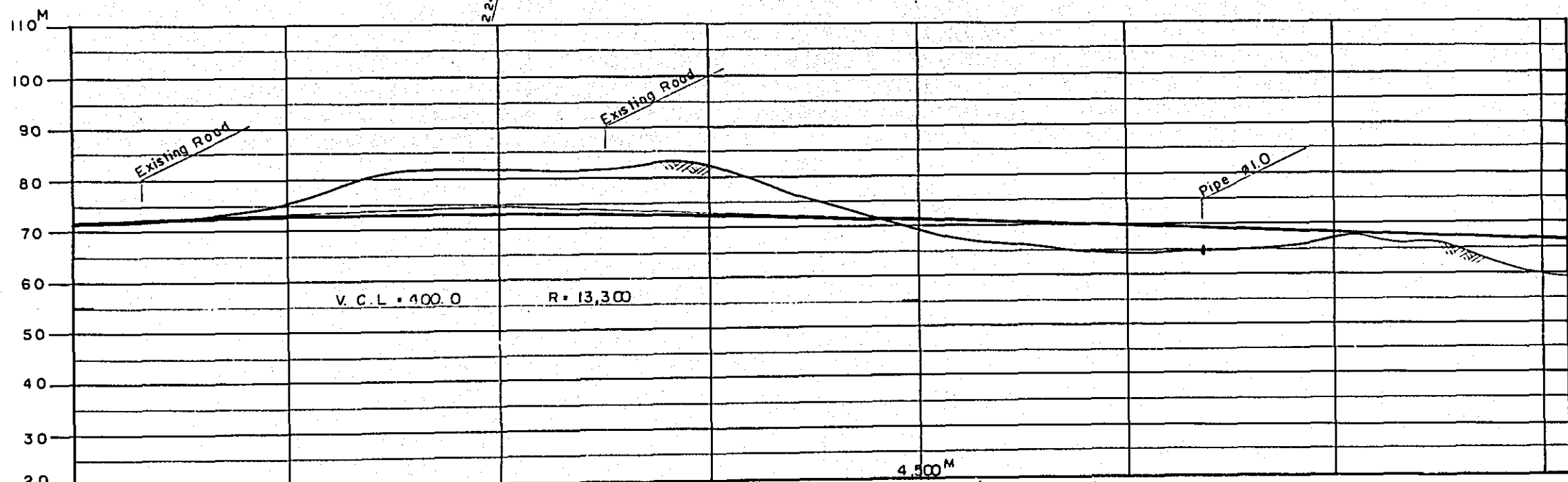
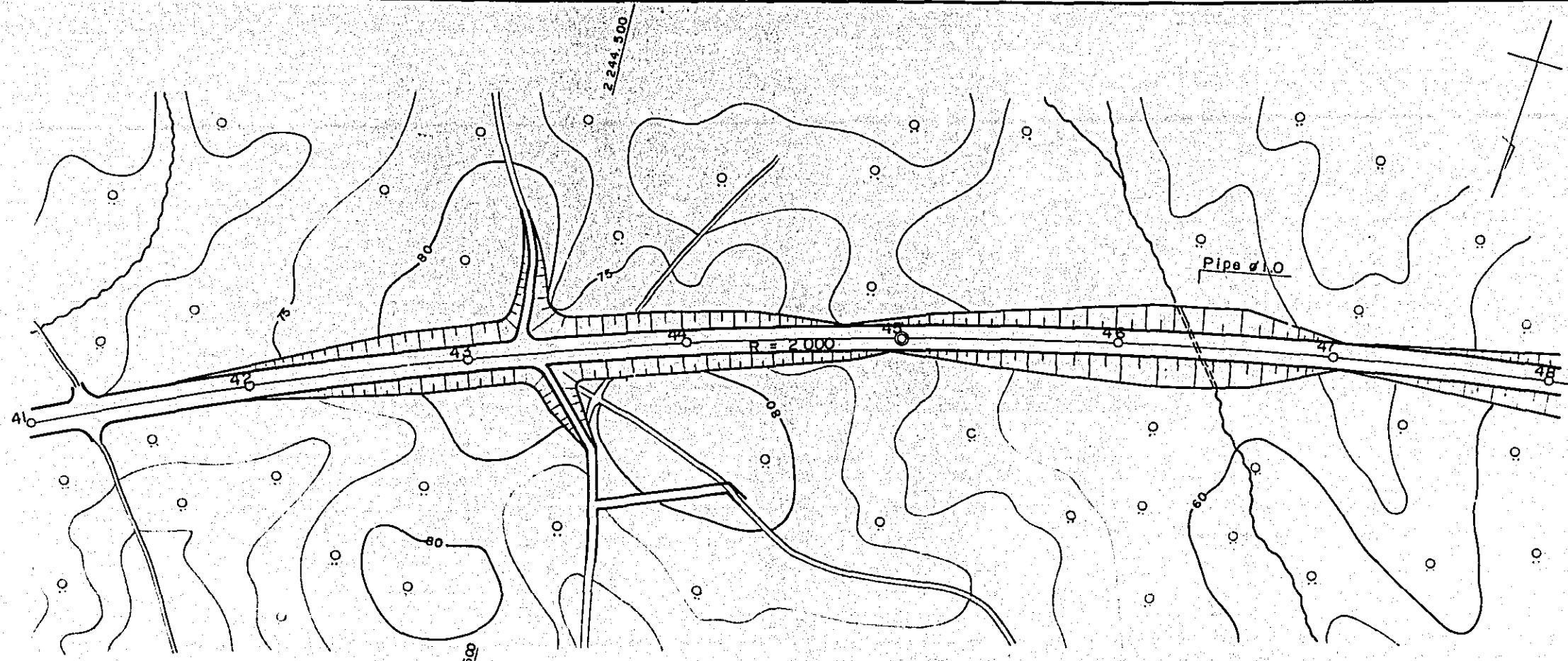


GRADE							
PROPOSED HEIGHT	35	36	37	38	39	40	41
GROUND HEIGHT	69.0	75.4	72.0	61.0	64.4	65.4	71.4
STATION	35	36	37	38	39	40	41
CURVE BAND	R = 1 000			R = 2 000			

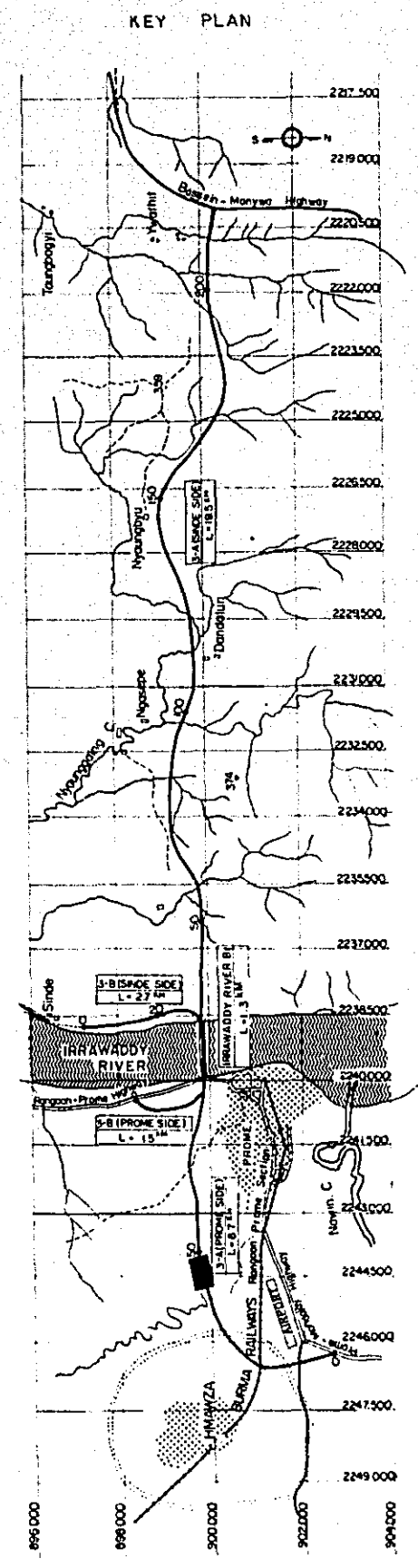
KEY PLAN



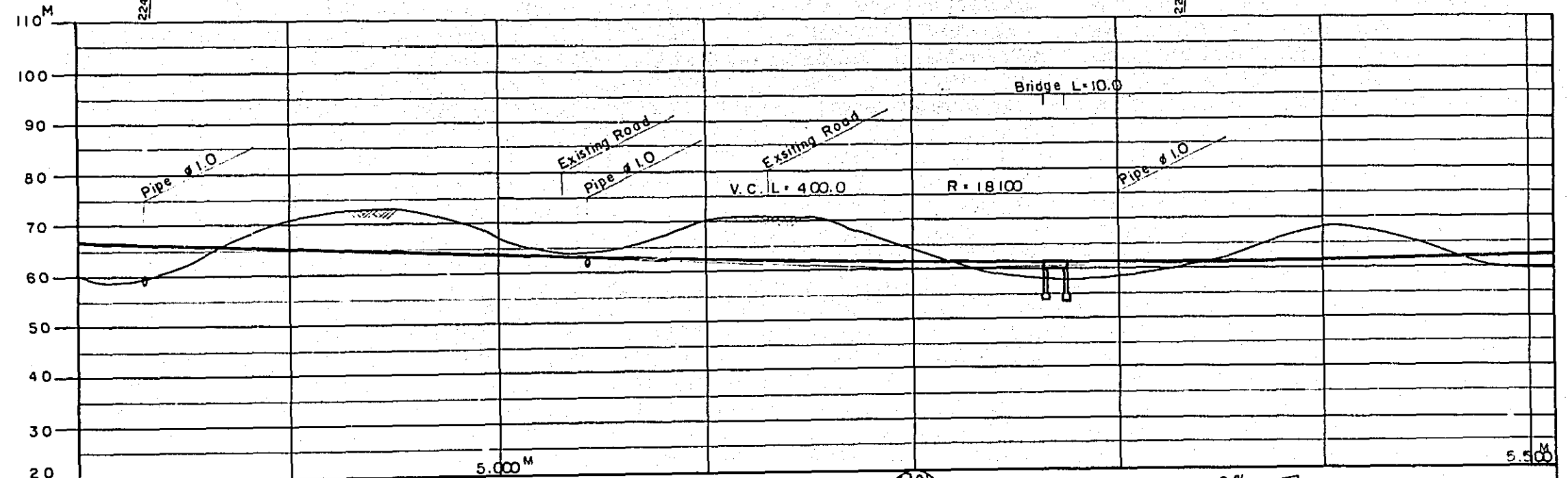
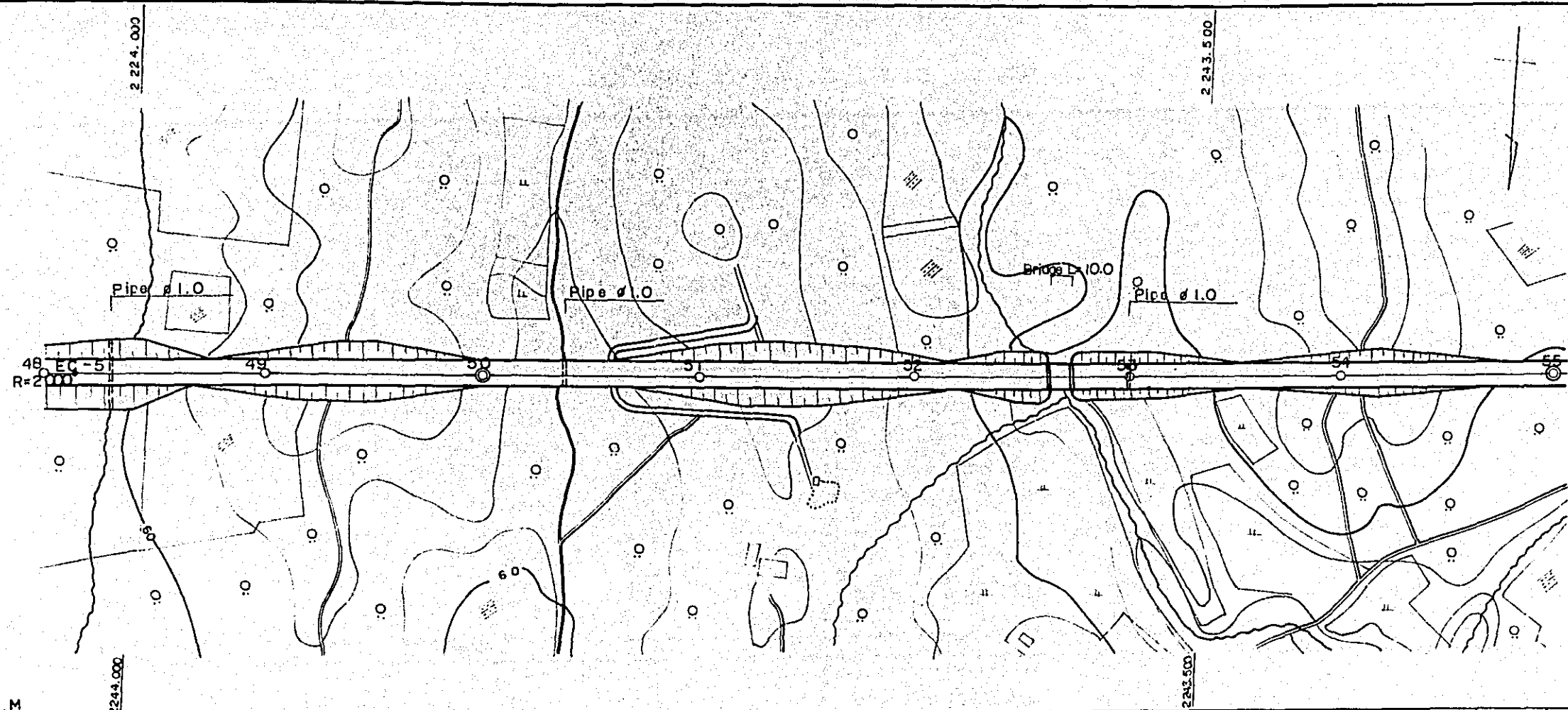
PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-6-7
 SCALE V = 1:1000 H = 1:2500



GRADE	i = 1.40% L = 1,000.0		74.60 NO. 37		i = 1.60% L = 900.0	
PROPOSED HEIGHT	72.83	73.10	72.63	71.40	69.80	68.20
GROUND HEIGHT	76.0	81.8	83.0	69.0	63.8	67.4
STATION	42	43	44	45	46	47
CURVE BAND	R = 2000					

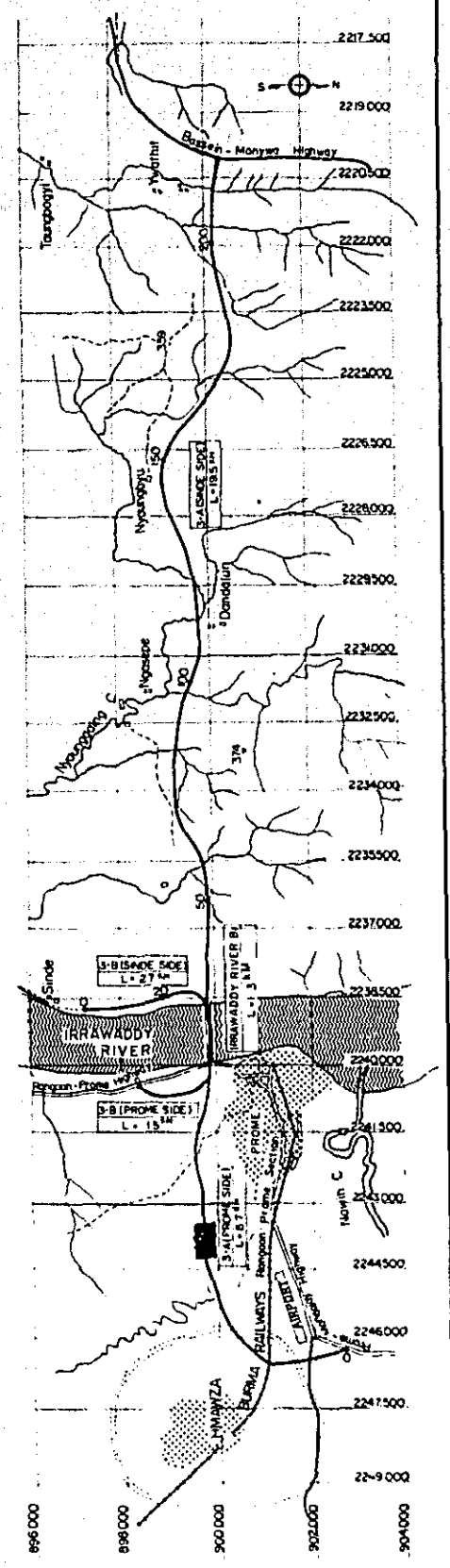


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-6-B
SCALE	V = 1:1000 H = 1:2500

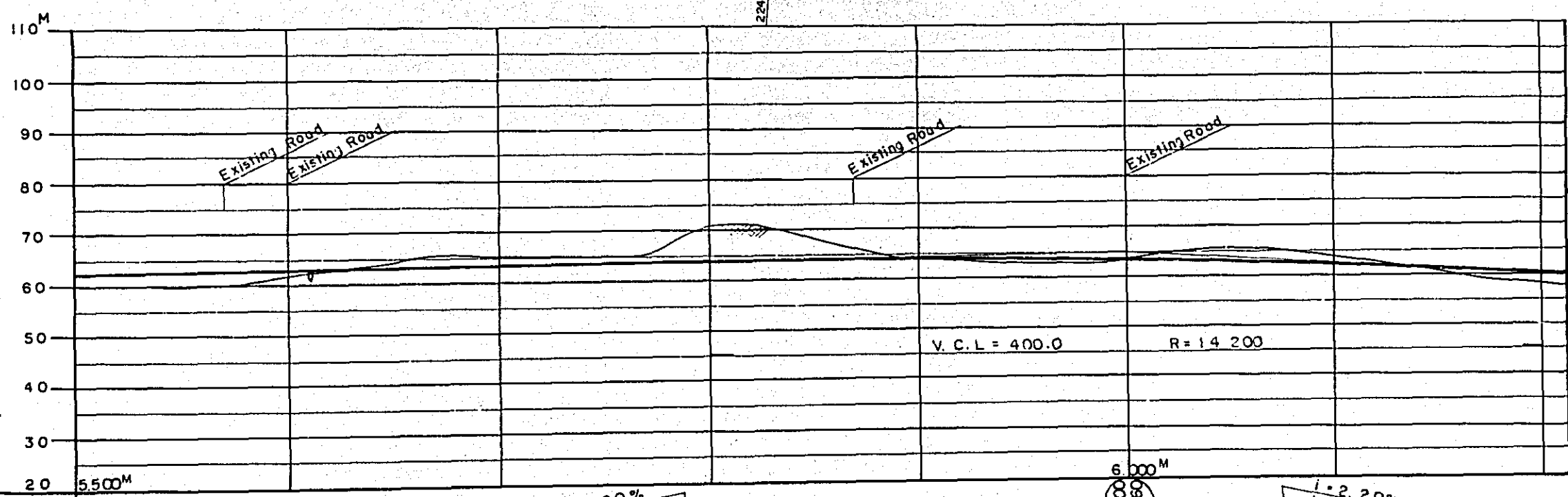
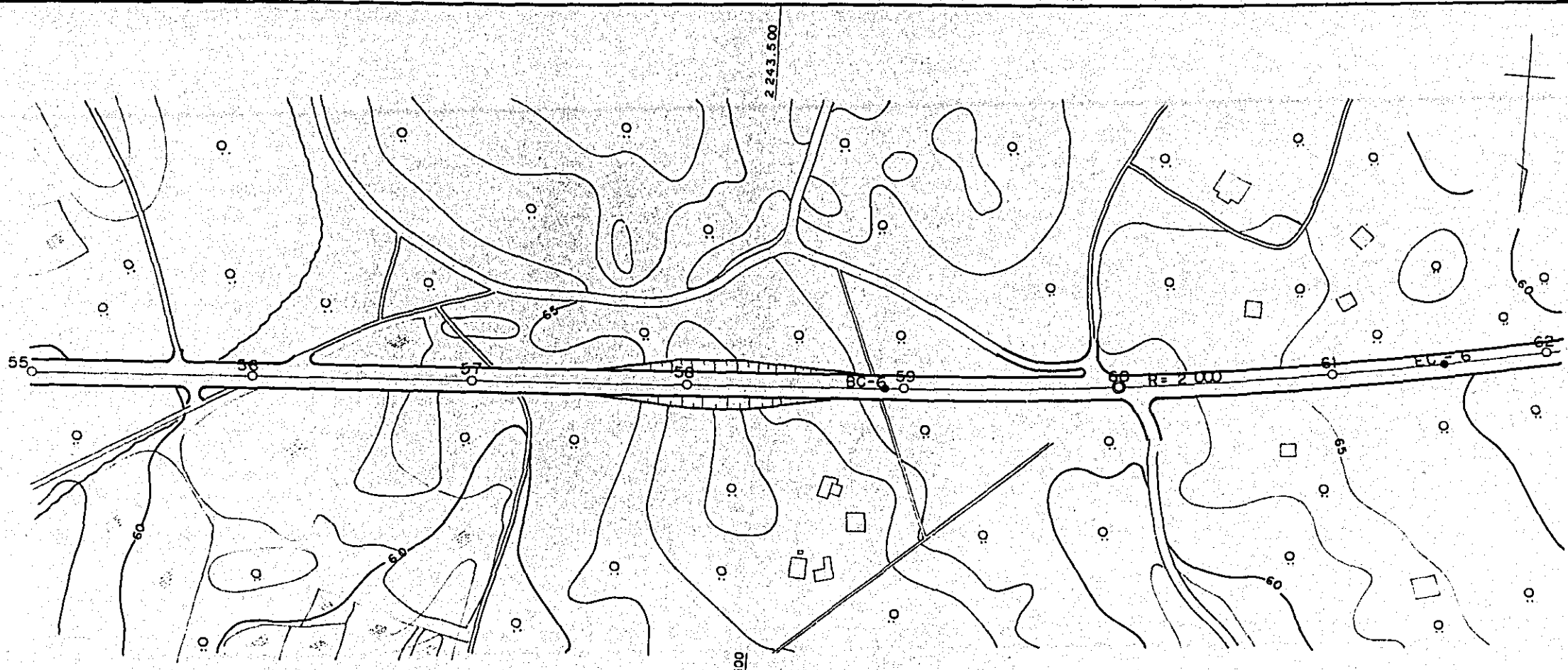


GRADE							
PROPOSED HEIGHT	49	50	51	52	53	54	55
GROUND HEIGHT	70.4	66.5	70.0	63.7	59.0	67.9	60.0
STATION	49	50	51	52	53	54	55
CURVE BAND	R=2000						R=∞

KEY PLAN

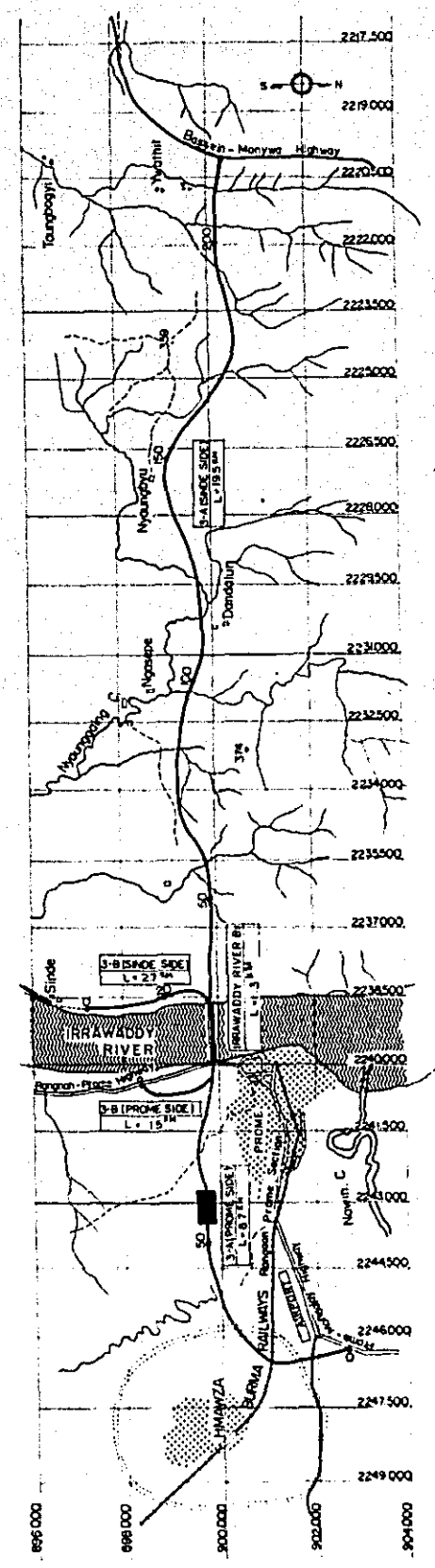


PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 6-6-9
 SCALE V = 1:1,000 H = 1:2,500

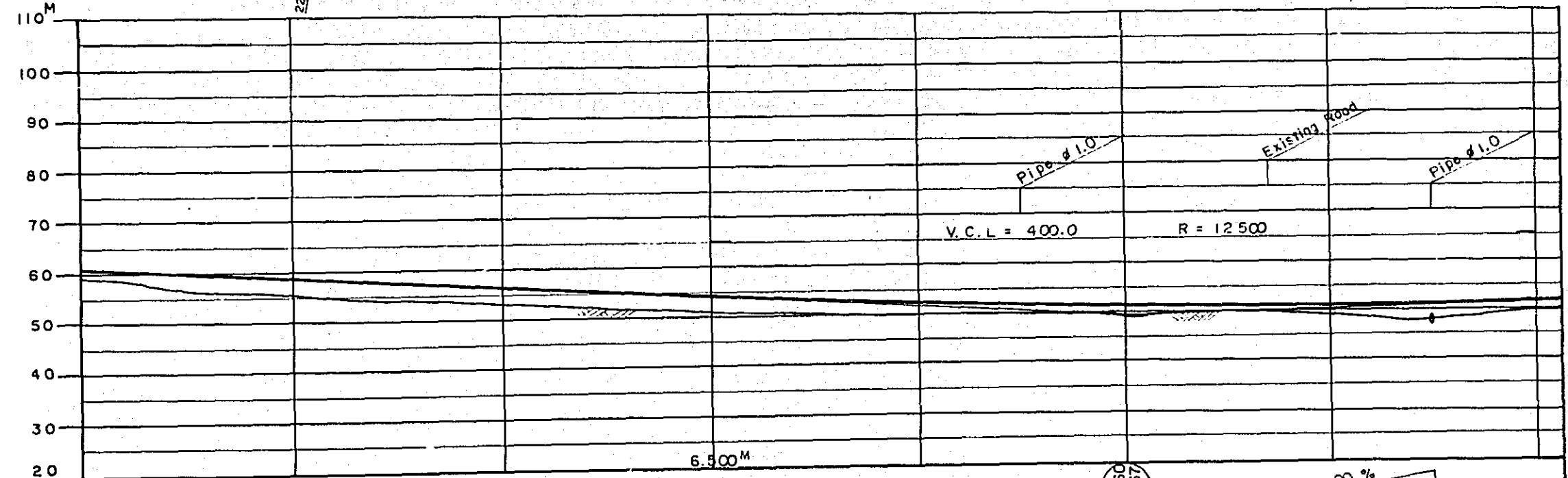


GRADE							
PROPOSED HEIGHT		62.60	63.20	63.80	64.05	65.00	62.45
GROUND HEIGHT		61.8	65.4	70.5	63.8	63.7	64.0
STATION		56	57	58	59	60	61
CURVE BAND							

KEY PLAN

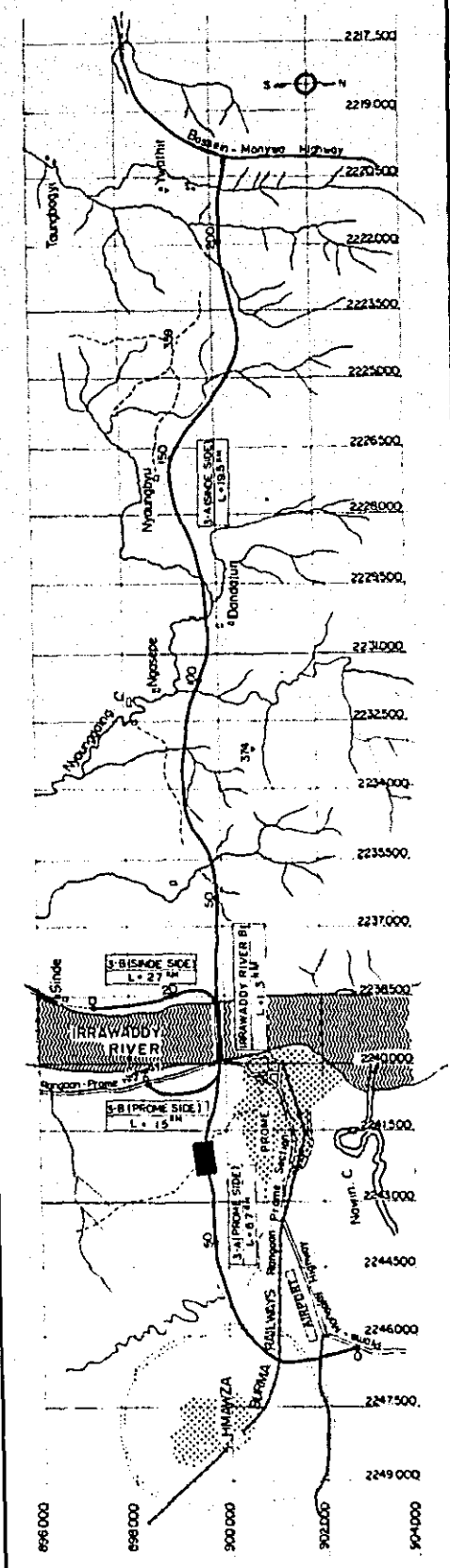


PROJECT	IRRAWADDY RIVER BRIDGE	
SITE NO. 3	FIGURE NO. 6-6-10	
SCALE	V = 1:1000	H = 1:2500

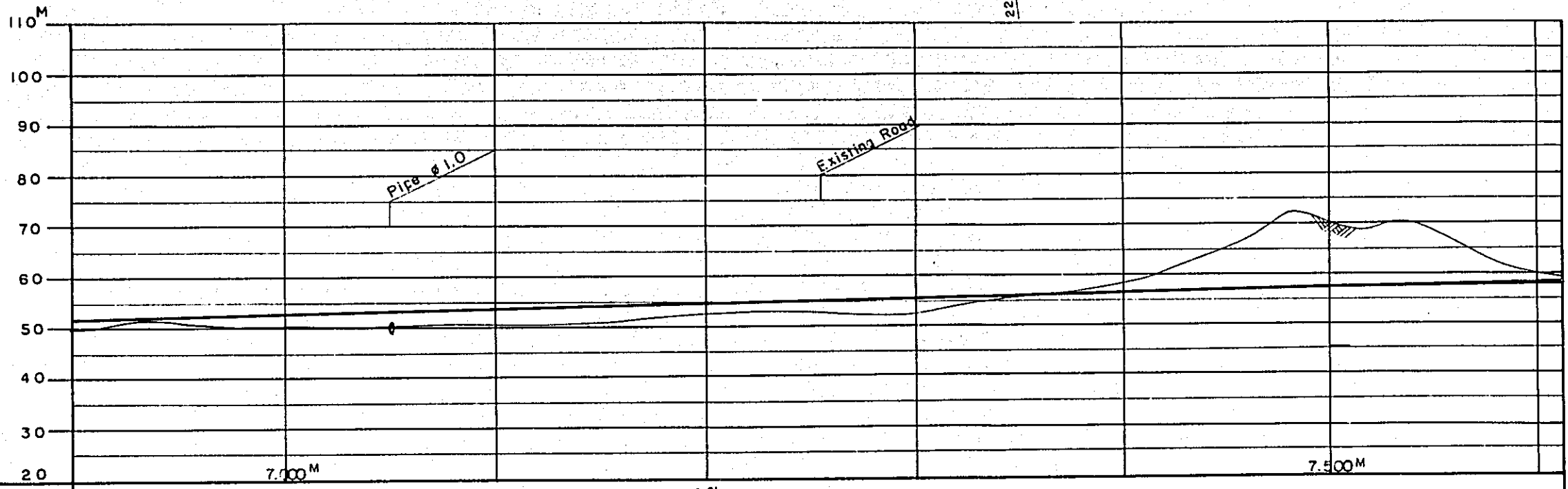
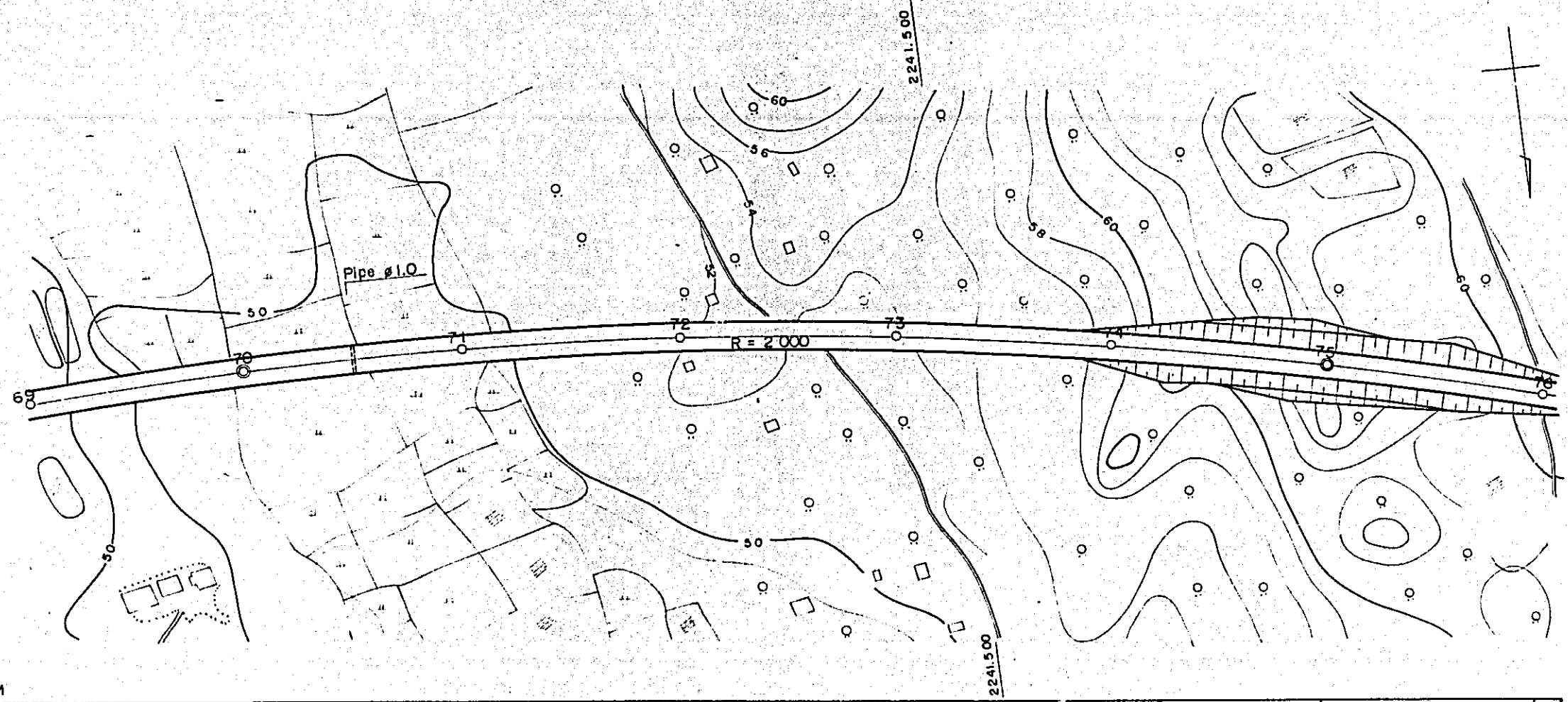


GRADE							
PROPOSED HEIGHT	58.40	56.20	54.00	52.20	49.60	51.00	51.60
GROUND HEIGHT	54.9	53.0	51.0	50.0	49.0	49.4	50.0
STATION	63	64	65	66	67	68	69
CURVE BAND							

KEY PLAN

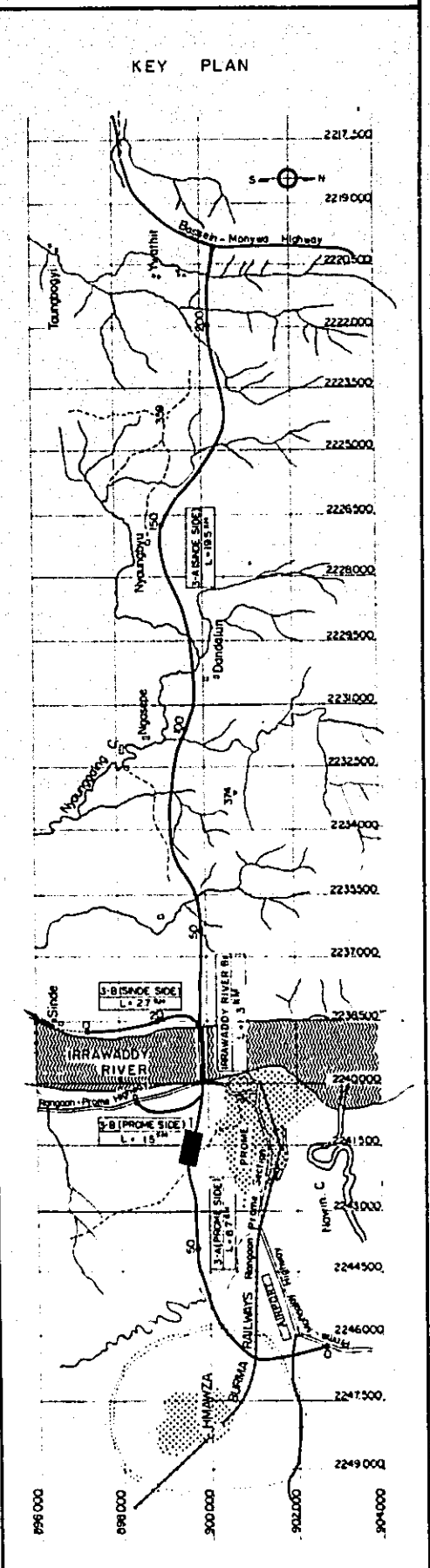


PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 6-6-11
SCALE	V = 1:1000 H = 1:2500

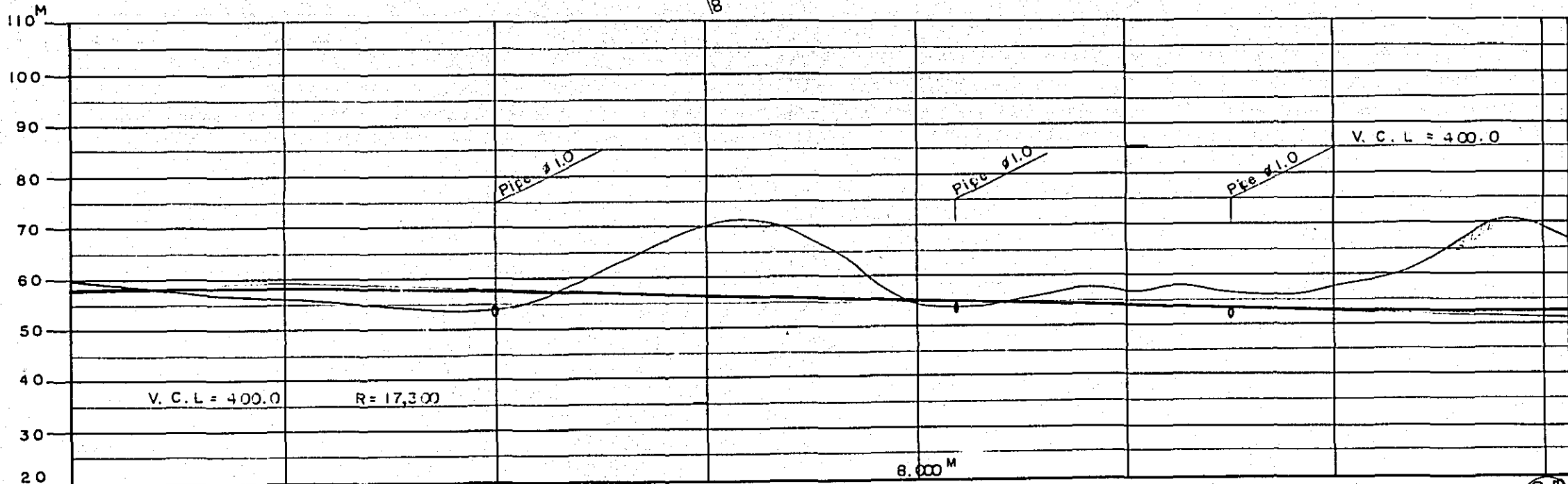
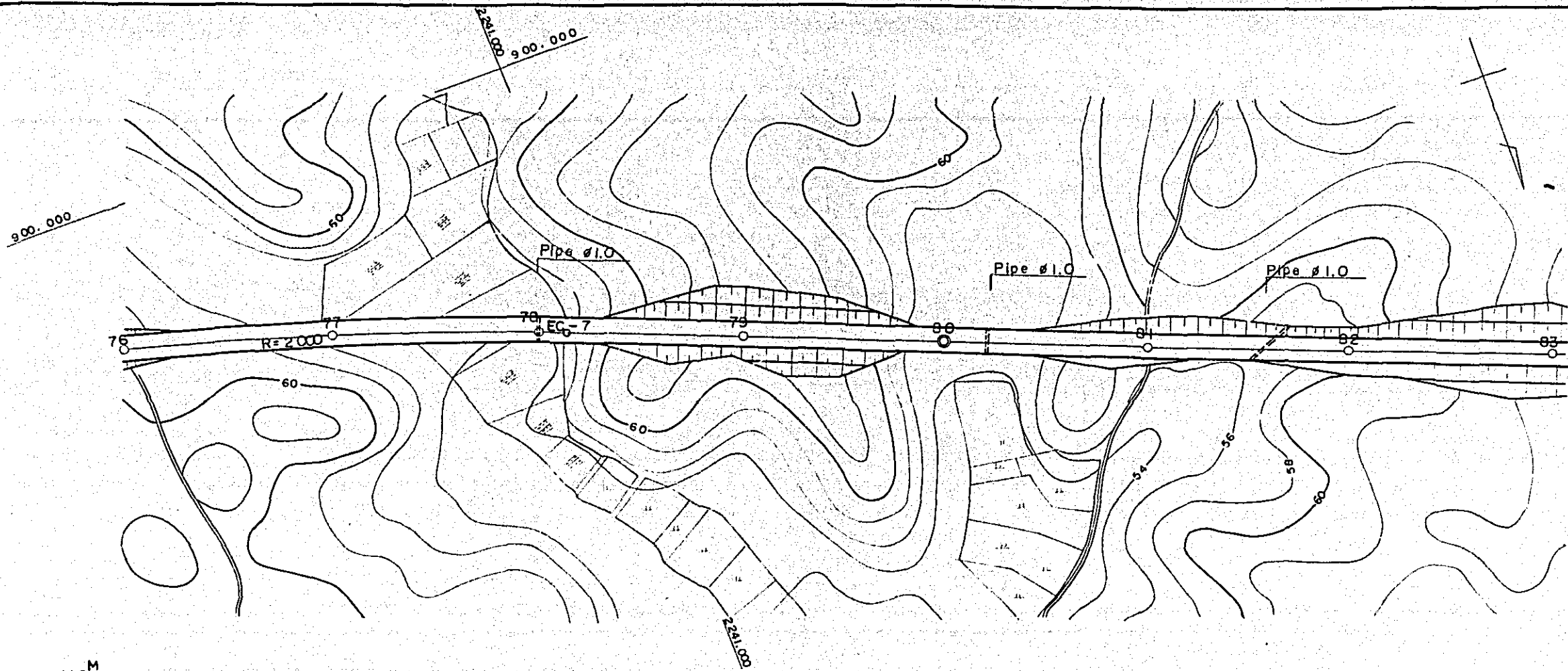


GRADE						
PROPOSED HEIGHT						
GROUND HEIGHT						
STATION	70	71	72	73	74	75
CURVE BAND						

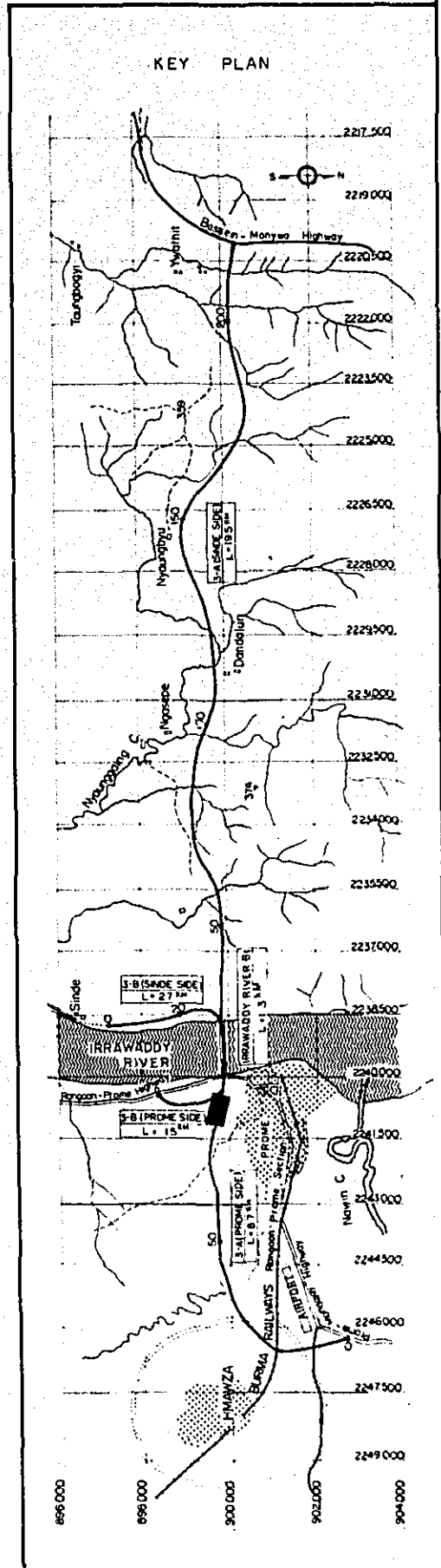
R = 2 000



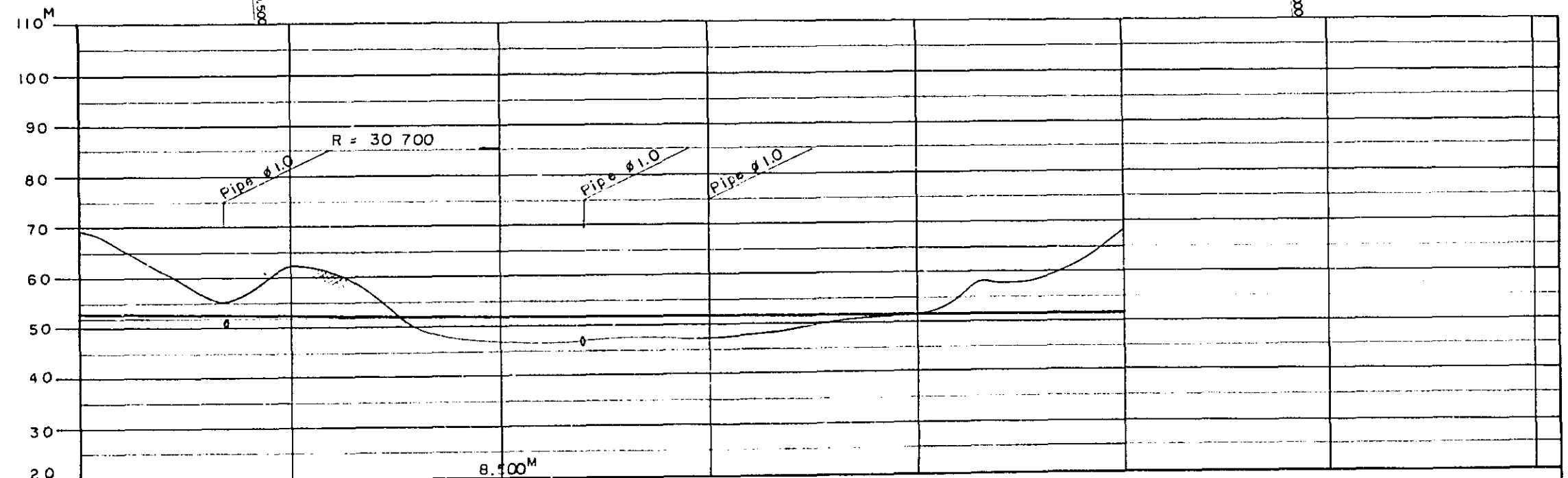
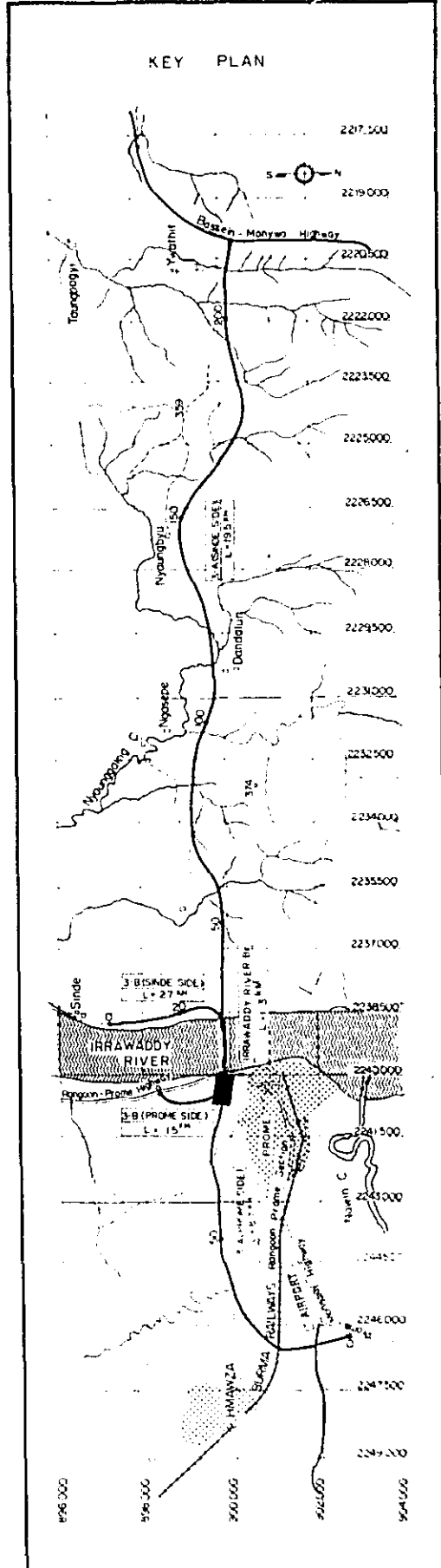
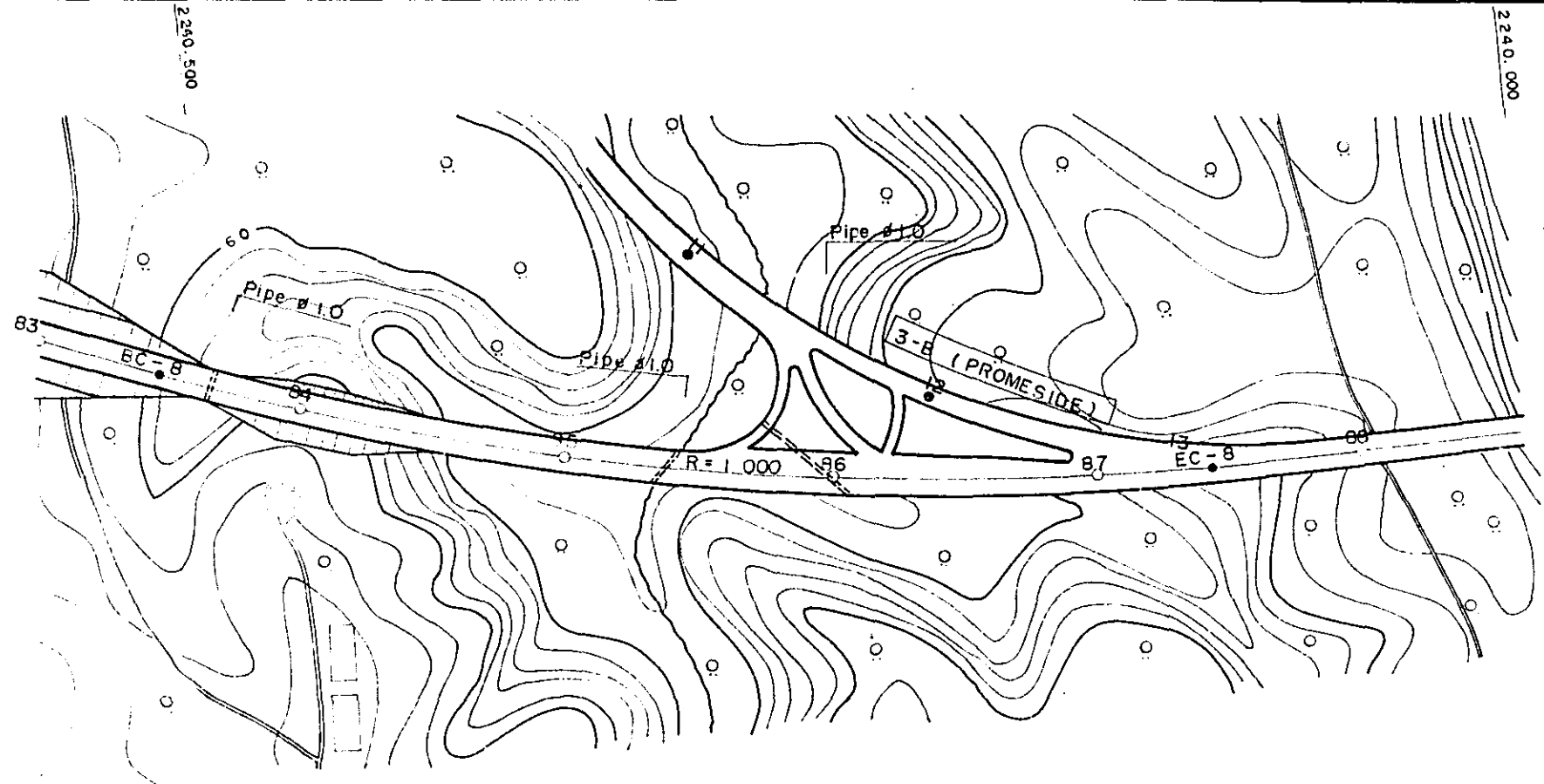
PROJECT	IRRAWADDY RIVER BRIDGE
SITE NO. 3	FIGURE NO. 5-6-12
SCALE	V = 1:1000 H = 1:2500



GRADE	i = 1.00% L = 1,000.0		i = 1.30% L = 600.0		i = 1.80% L = 600.0	
PROPOSED HEIGHT	58.45	58.01	57.00	55.70	54.40	53.26
GROUND HEIGHT	56.5	54.0	70.0	54.0	57.0	57.2
STATION	77	78	79	80	81	82
CURVE BAND	R = 2000					



PROJECT IRRAWADDY RIVER BRIDGE
 SITE NO. 3 FIGURE NO. 5-6-13
 SCALE V = 1:1000 H = 1:2500



GRADE	LEVEL				
PROPOSED HEIGHT	61.5	61.7	61.9	62.1	62.3
GROUND HEIGHT	51.3	57.2	67.0	71.5	80.8
STATION	83	85	86	87	88
CURVE BAND	R = 1 000				