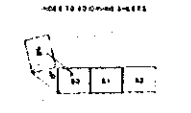
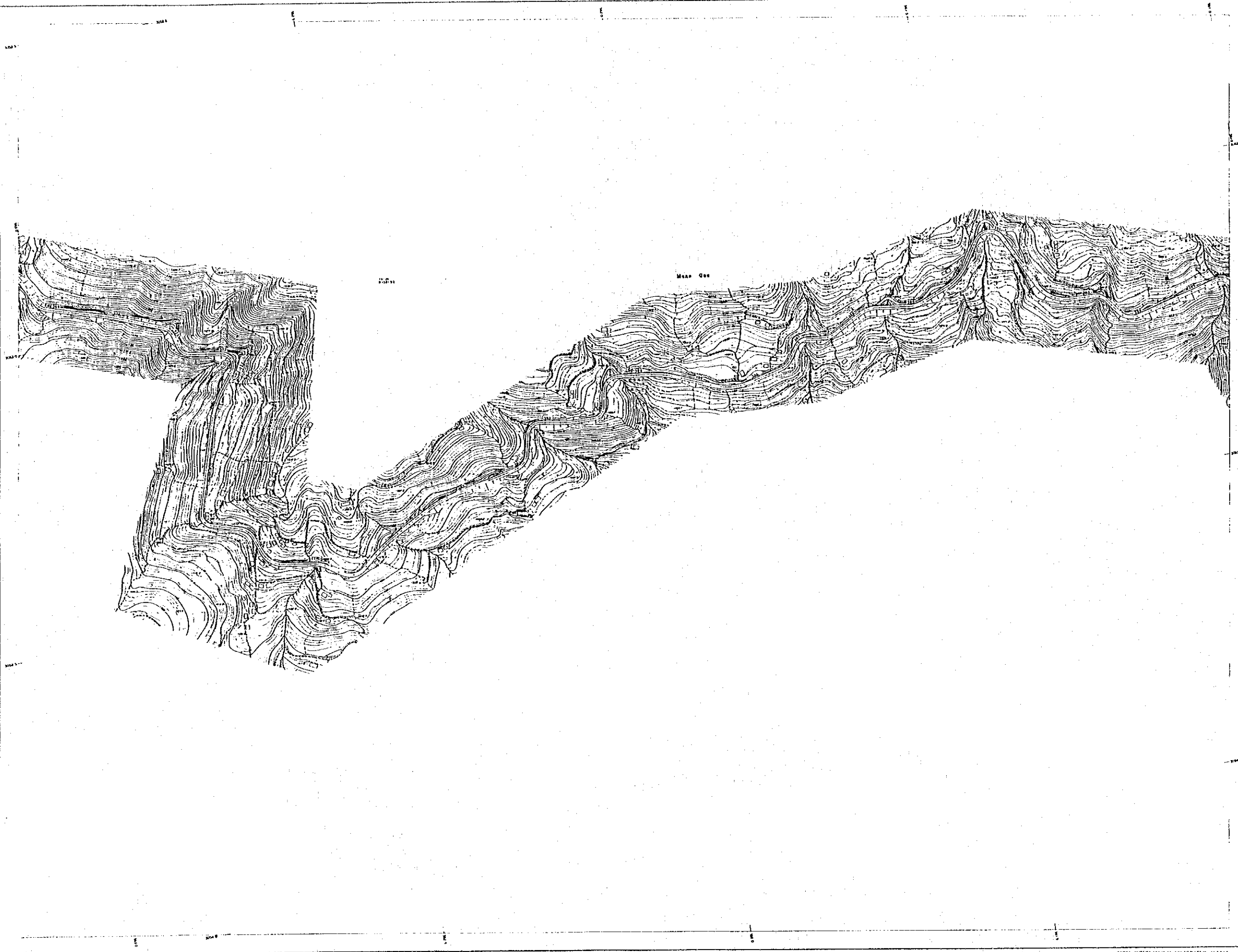


LEGEND

TRANGONOMETRICAL STATION	▲
TRAVERSE POINT	●
BOUNDARY	—
SPEL HEIGHT (CHECKED HEIGHT)	○
SPEL HEIGHT (UNCHECKED HEIGHT)	○
CONCRETE BUILDING	□
MURDINE	□
BUILDING WITH RAIL	□
ROAD	—
FOOT PATH	—
CUTTING	—
EMBANKMENT	—
BRIDGE	—
CULVERT	—
PIPE BRIDGE	—
RAILWAY	—
LAND RECLAMATION BRACKET	—
CULTIVATION BOUNDARY	—
FENCE (WOODEN WALL)	—
LEVEE	—
TEMPLE	—
HOSPITAL	—
SCHOOL	—
WATER TOWER	—
STONE STEP	—
CEMETERY	—
POWER TRANSMISSION LINE	—
PADDY FIELDS	—
QUARRY	—
MURKILL	—
STATION	—
RAILROAD	—
RAIL	—
BAMBOO	—
BROAD LEAFED TREE	—
NARROW LEAFED TREE	—
TREE	—
BRIDGE	—
SAND BARREL	—
DITCH	—
RESTRICTED ISLAND BRIDGE	—
WEIR	—
BATH	—
WATERMILL	—
WATER WHEEL	—
FLYING SANDS	—
SAND PROTECTION	—
DAM	—
LAKE POND	—
WATER RICKET	—
ICEY CONTOUR	—
STANDARD CONTOUR	—
HAIR PIN CONTOUR	—
SUPPLEMENTARY CONTOUR	—
DEPRESSION CONTOUR	—
CLIFF	—
ROCK CLIFF	—
DISCONTINUOUS	—
LANDMARK	—

HIS MAJESTY'S GOVERNMENT OF NEPAL		
MINISTRY OF WORKS AND TRANSPORT		
DEPARTMENT OF ROADS		
ATTENDANCE STUDY		
FOR		
SINDHULI ROAD CONSTRUCTION PROJECT		
PLAN	SECTION 113	SHEET NO. A-58
SCALE	1:600	DATE
JAPAN INTERNATIONAL COOPERATION AGENCY		




The Scale 1:30,000 (1:50,000)



TRIGONOMETRICAL STATION	31243
TRIAL POINT	31231
BRICK BUILDING	31233
TRIP POINT (CHECKED HEIGHT)	31234
TRIP POINT (UNCHECKED HEIGHT)	31235
CONCRETE BUILDING	31236
BRICK DW.	31237
BRICK DW. WITH WALL	31238
POLE	31239
ROAD PATH	31240
RAILLINE	31241
RAILROAD	31242
RAILWAY	31243
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HIS MAJESTY'S GOVERNMENT OF NEPAL	
MINISTRY OF WORKS AND TRANSPORT	
DEPARTMENT OF ROADS	
FOR	
SURVEY STUDY	
FOR	
SINHAU ROAD CONSTRUCTION PROJECT	
PLAN	SINHAU B3
SCALE	1:600
DATE	
JAPAN INTERNATIONAL COOPERATION AGENCY	

HOW TO ASSEMBLE SHEETS



THE NAME OF THE SHEET

LEGEND

ENGINEERING STATION
 TRAVEL POINT
 BENCH MARK
 SPOT HEIGHT (CHECKED HEIGHT)
 SPOT HEIGHT (UNCHECKED HEIGHT)

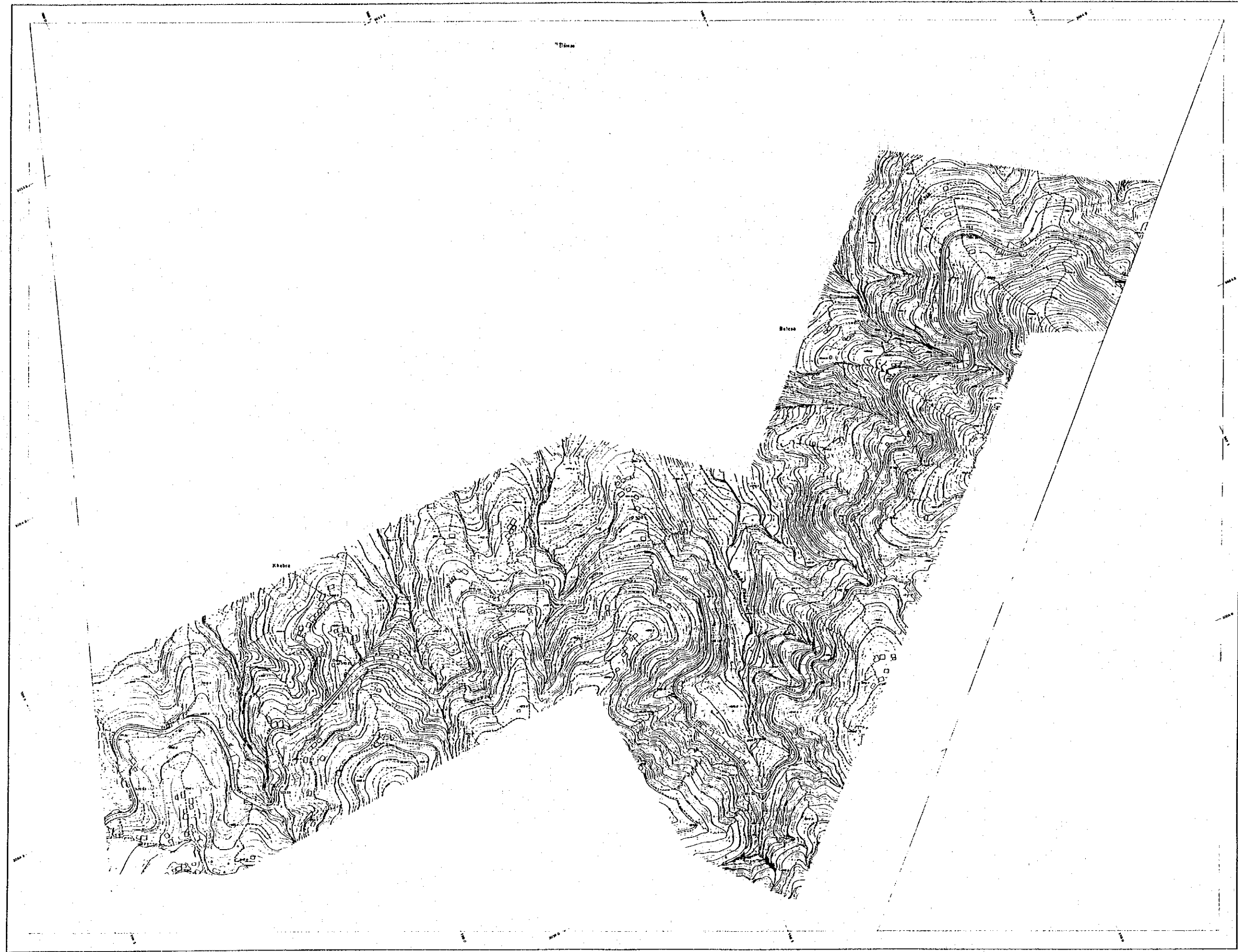
CONCRETE BUILDING
 BUILDING
 BUILDING WITH WALLS
 ROAD
 FOOT PATH
 DITCH
 EMBANKMENT
 SANDWICH
 CLAY PIT
 FACE BRICK
 PLASTER

LIGHT RAILWAY
 LINE CLASSIFICATION
 CULTIVATION BORDER
 FENCE
 FENCE WITH WALL
 LEASE
 TEMPLE
 WELLS
 SCHOOL
 WOOD SPRING
 STONE SILEO
 CEMETERY
 POWER TRANSMISSION LINE
 POWER LINE
 CULTIVATION
 SUBSIDIARY
 CANAL
 BOUNDARY LINE
 SANDWICH
 SANDWICH
 SANDWICH

LAND CANAL
 DITCH
 WRECKAGE
 BARRIERS
 BANK
 WATERFALL
 PUBLIC PLACE
 PUBLIC GROUND
 SAND PROTECTION
 DAM

LAKE POOL
 SANDY ROUGH
 SANDY CONTOUR
 STANDARD CONTOUR
 HALF INTERNAL CONTOUR
 SUPPLEMENTARY CONTOUR
 DEPRESSION CONTOUR
 CLIFF
 HOLE IN ROCK
 OUTCROP ROCKS
 LANDING

JAPAN INTERNATIONAL COOPERATION AGENCY



NOTATION

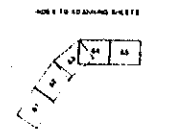
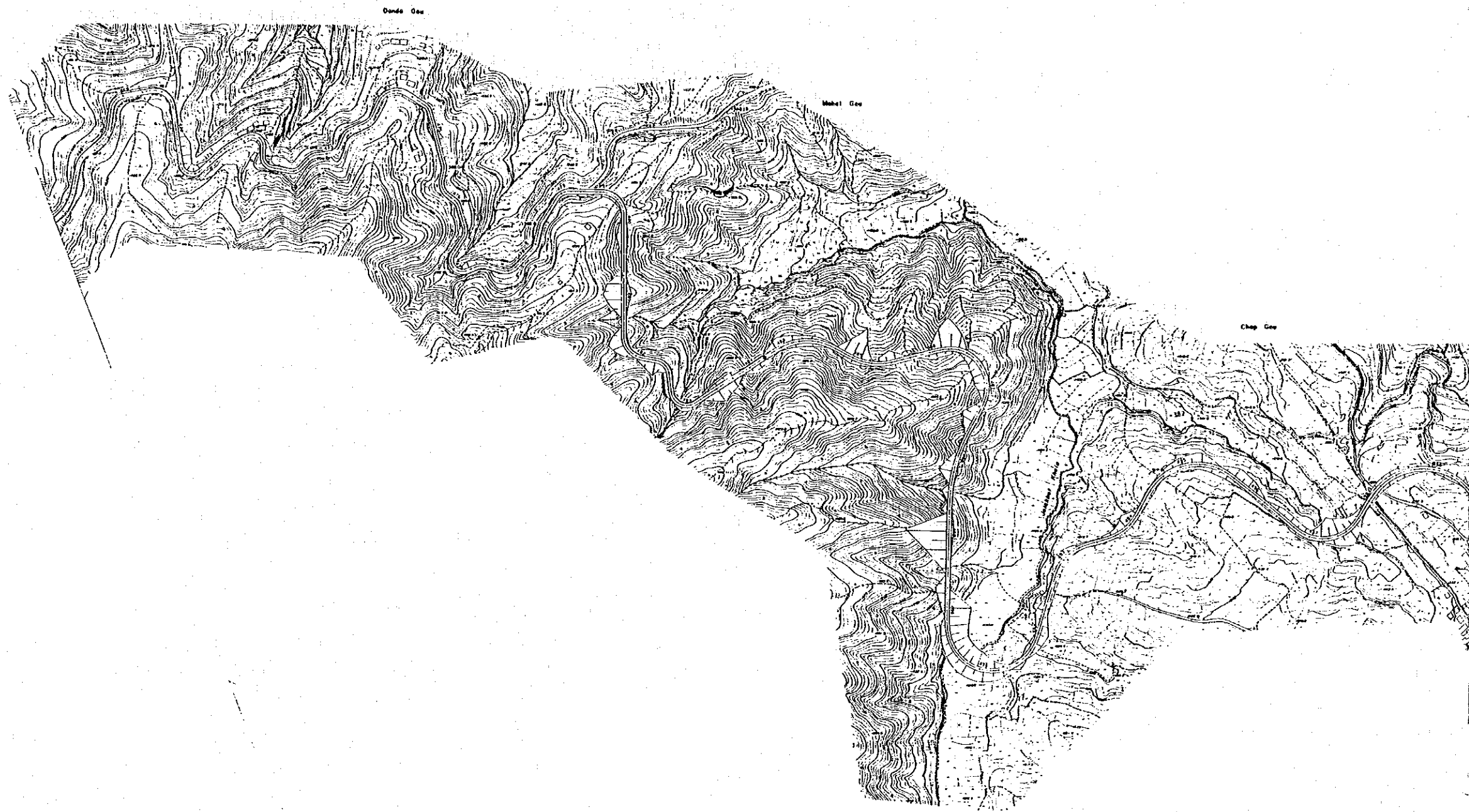
SHEET NO. 63
 DATE: 1971
 SOURCE: 1:50,000
 CONTROL: 1:250,000

THE MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AT FIRCALI, SUDAN

FOR
 SUDANESE ROAD CONSTRUCTION PROJECT

PLAN	SHEET NO.	SHEET NO.
		A-63
SCALE: 1:6,000	DATE	
JAPAN INTERNATIONAL COOPERATION AGENCY		



Scale 1:6,000

LEGEND

TRAVELING SIGNAL STATION	0/12/22
TRAVELING SIGNAL	0/12/22
ROAD MARK	0/12/22
SPOT HEIGHT (CHECKED HEIGHT)	1/12/22
SPOT HEIGHT (UNCHECKED HEIGHT)	2/12/22
CONCRETE GRADE	3/12/22
BUILDING	4/12/22
BUILDING WITHIN WALL	5/12/22
ROAD	6/12/22
FOOT PATH	7/12/22
CUTTING	8/12/22
EMBANKMENT	9/12/22
BRIDGE	10/12/22
CAVIERT	11/12/22
FOOT BRIDGE	12/12/22
RAILWAY	13/12/22
RAILWAY	14/12/22
LAND CLASSIFICATION SYMBOL	15/12/22
CONTINUOUS BOUNDARY	16/12/22
FIELD	17/12/22
WATER	18/12/22
WATER	19/12/22
WATER	20/12/22
WATER	21/12/22
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WATER	99/12/22
WATER	100/12/22

1:6,000

NOTATION

SQUARES: EXISTING NATIONAL GRID SYSTEM
CIRCLES: SPOT HEIGHTS, METERS ABOVE SEA LEVEL
CONTOUR: CONTOUR INTERVAL, 2 METERS

HIS MAJESTY'S GOVERNMENT OF NEPAL
MINISTRY OF WORKS AND TRANSPORT
DEPARTMENT OF ROADS

AFTERCARE STUDY
FOR
SIDDHVI ROAD CONSTRUCTION PROJECT

PLAN	SECTION 03	SHEET NO.	A-64
SCALE	1:600	DATE	1970

JAPAN INTERNATIONAL COOPERATION AGENCY

B. PROFILE

SECTION I

SECTION II-1

SECTION II-2

SECTION II-3

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

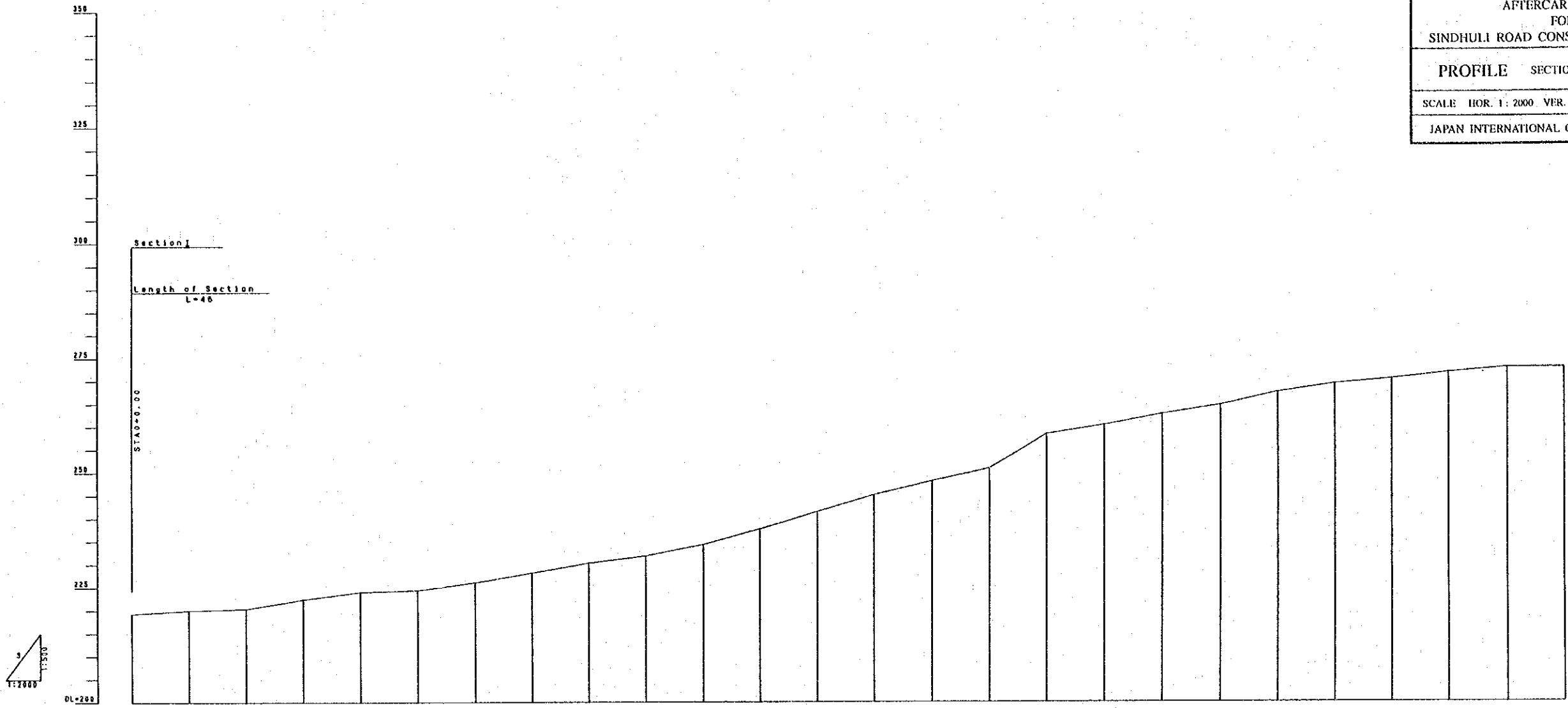
PROFILE SECTION 1

SHEET NO.
 B - 1

SCALE HOR. 1: 2000 VER. 1: 500

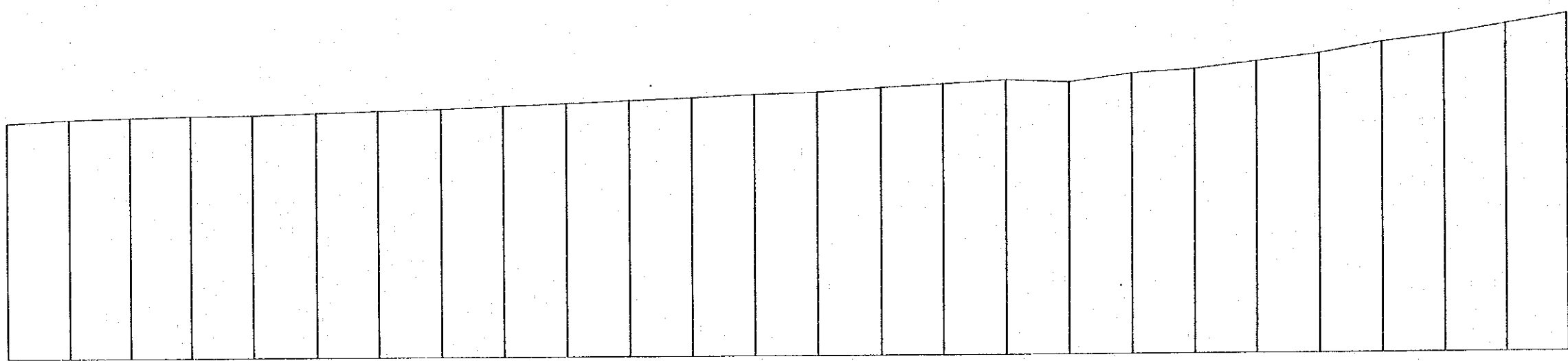
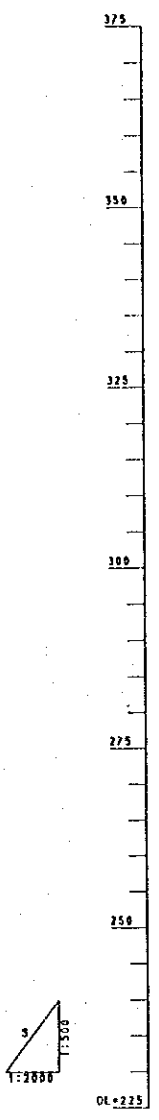
DATE

JAPAN INTERNATIONAL COOPERATION AGENCY



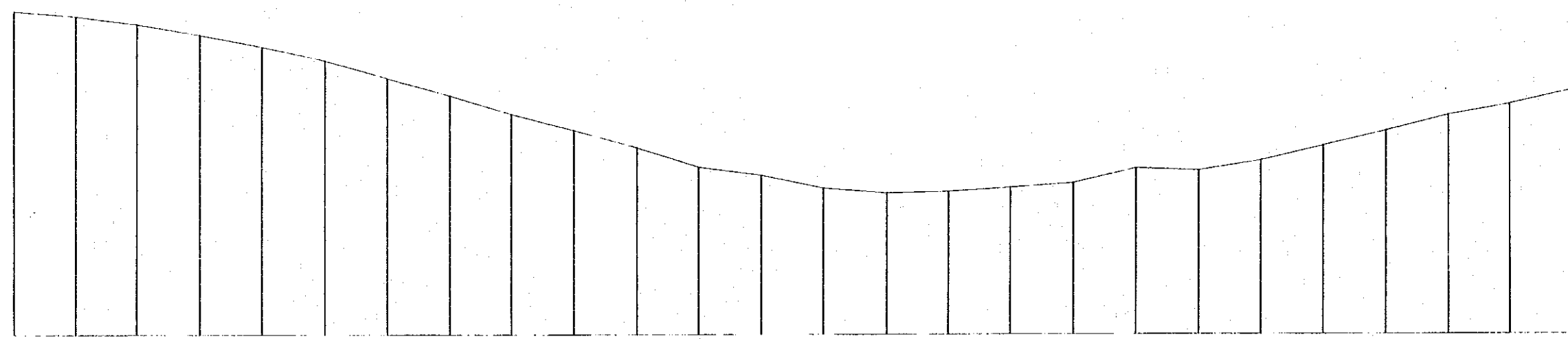
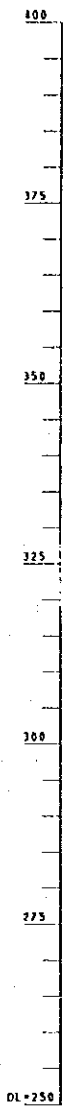
GRADE																														
PROPOSED HEIGHT																														
GROUND HEIGHT	219.30	220.00	220.40	222.40	224.00	224.40	226.10	228.20	230.30	231.80	234.20	237.60	241.40	245.00	248.00	250.80	255.20	260.20	262.60	264.60	267.40	269.20	270.30	271.60	272.70	272.70				
CUTTING DEPTH																														
EMBANKMENT HEIGHT																														
ACCUMULATED DISTANCE																														
DISTANCE	0.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00				
STATION	0	0+50	1	1+50	2	2+50	3	3+50	4	4+50	5	5+50	6	6+50	7	7+50	8	8+50	9	9+50	10	10+50	11	11+50	12	12+50				
CURVE ELEMENT											L=934.79																			
											L=993.66																			
																					R=450.00 L=178.00									

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS
 AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT
 PROFILE SECTION 1
 SHEET NO. B-2
 SCALE HOR. 1:2000 VER. 1:500
 DATE
 JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE																													
PROPOSED HEIGHT																													
GROUND HEIGHT	272.70	273.40	273.70	274.00	274.10	274.50	274.90	275.20	275.80	276.30	276.80	277.30	277.90	278.30	279.10	279.80	280.50	280.00	281.70	282.50	284.00	285.50	287.70	289.20	291.20	293.20			
CUTTING DEPTH																													
EMBANKMENT HEIGHT																													
ACCUMULATED DISTANCE																													
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00				
STATION	12+50	13	13+50	14	14+50	15	15+50	16	16+50	17	17+50	18	18+50	19	19+50	20	20+50	21	21+50	22	22+50	23	23+50	24	24+50	25			
CURVE ELEMENT											L=983.45					L=315.99					20+3.21		21+22.04						
ELEMENT																R=328.88		L=212.83											

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS
 AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT
 PROFILE SECTION 1
 SHEET NO.
 B - 5
 SCALE: HOR. 1: 2000 VER. 1: 500
 DATE
 JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
		315.30				50.00	50	A=188.88 L=48.88
		314.30				50.00	50+50	L=61.88
		312.70				50.00	51	A=188.88 L=48.88
		310.50				50.00	51+50	L=72.16 A=188.88
		308.10				50.00	52	L=69.01
		305.30				50.00	52+50	L=78.42 A=188.88
		301.70				50.00	53	L=58.78
		298.20				50.00	53+50	L=78.42 A=188.88
		294.50				50.00	54	L=53.32 A=188.88
		291.20				50.00	54+50	L=49.95
		287.70				50.00	55	L=81.88 A=188.88
		283.80				50.00	55+50	L=49.48
		282.10				50.00	56	L=37.88 A=188.88
		279.50				50.00	56+50	L=175.18
		278.50				50.00	57	L=28.55 A=188.88
		278.80				50.00	57+50	L=175.18
		279.60				50.00	58	L=38.55 A=188.88
		280.50				50.00	58+50	L=38.55 A=188.88
		283.50				50.00	59	L=38.55 A=188.88
		283.00				50.00	59+50	L=38.55 A=188.88
		285.00				50.00	60	L=38.55 A=188.88
		288.00				50.00	60+50	L=38.55 A=188.88
		281.00				50.00	61	L=38.55 A=188.88
		284.20				50.00	61+50	L=38.55 A=188.88
		286.40				50.00	62	L=38.55 A=188.88
		289.20				50.00	62+50	L=38.55 A=188.88

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

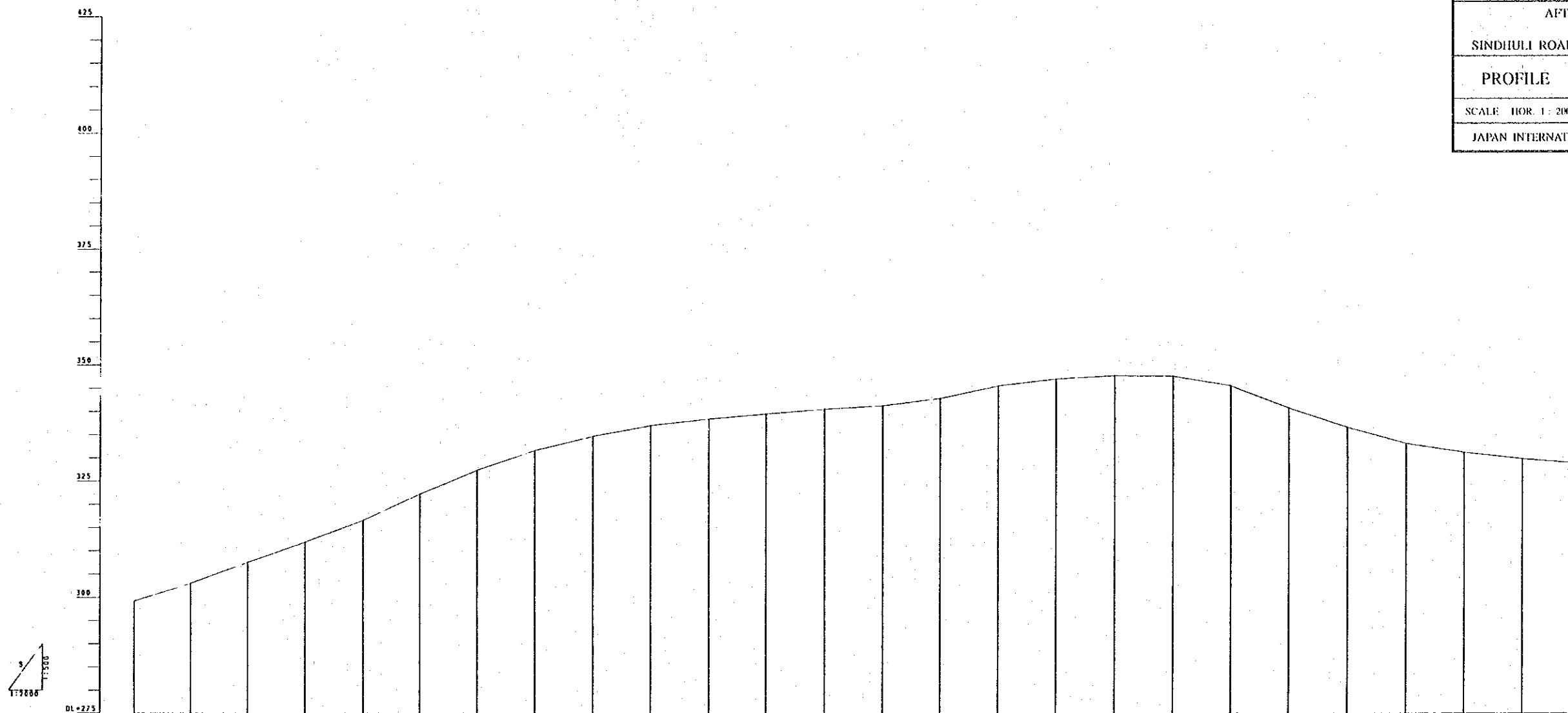
AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

PROFILE SECTION I
 SHEET NO. B-6

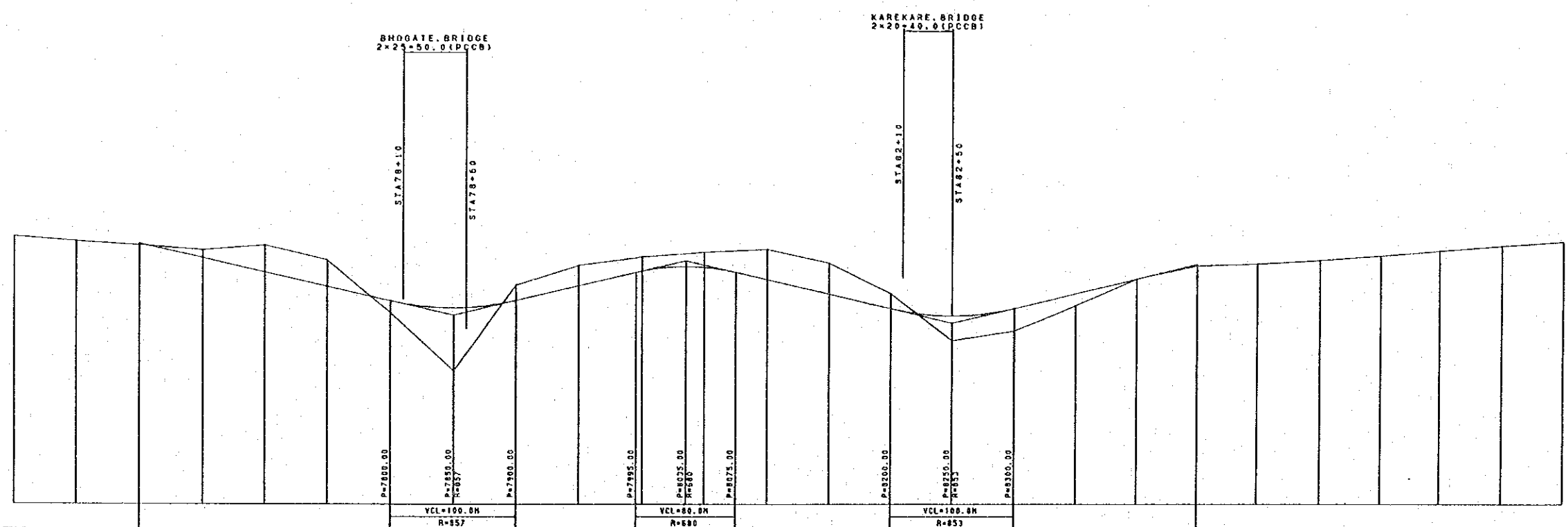
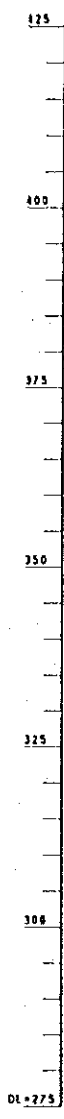
SCALE HOR. 1: 2000 VER. 1: 500

DATE

JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE																											
PROPOSED HEIGHT																											
GROUND HEIGHT	299.20	303.00	307.50	311.80	316.50	322.10	327.30	331.50	334.50	337.00	338.40	339.50	340.50	341.30	342.90	345.60	347.10	347.80	347.70	345.50	340.80	336.50	333.10	331.20	328.80	328.80	
CUTTING DEPTH																											
EMBANKMENT HEIGHT																											
ACCUMULATED DISTANCE																											
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	
STATION	62+50	63	63+50	64	64+50	65	65+50	66	66+50	67	67+50	68	68+50	69	69+50	70	70+50	71	71+50	72	72+50	73	73+50	74	74+50	75	
CURVE ELEMENT	L=51.15 R=45.00 L=37.85	L=58.27 R=45.00 L=37.85	L=42.41 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=38.16 R=45.00 L=37.85	L=33.73 R=45.00 L=37.85	L=43.77 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=56.62 R=45.00 L=37.85	L=41.00 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=48.37 R=45.00 L=37.85	L=37.82 R=45.00 L=37.85	L=69.91 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=45.54 R=45.00 L=37.85	L=109.68 R=45.00 L=37.85	L=51.72 R=45.00 L=37.85	L=7.35 R=45.00 L=37.85	L=53.28 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=69.86 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85	L=28.00 R=45.00 L=37.85
ELEMENT																											



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
327.30	327.30	328.00				50.00	75	L=182.72
-5.7200% 250.00M	327.30	327.90		0.30		50.00	75+50	
	324.44	327.00	1.56			50.00	76	L=95.17 R=128.00
	321.50	326.00	5.42			50.00	76+50	
	318.72	325.00	5.28			50.00	77	L=120.00 R=150.00
	315.96	324.00	5.28			50.00	77+50	
	314.44	313.50	2.36			50.00	78	L=148.88
	315.97	301.80	12.56			50.00	78+50	
	318.95	319.00	3.03			50.00	79	L=120.00 R=150.00
	322.67	325.00	4.05			50.00	79+50	
	320.32	324.70	2.90			50.00	80	L=138.88 R=168.00
	317.31	323.70	3.03			50.00	80+50	
	314.41	328.30	6.08			50.00	81	L=138.88 R=168.00
	312.96	323.50	6.15			50.00	81+50	
	314.45	317.40	2.98			50.00	82	L=189.98
	317.40	308.00	4.94			50.00	82+50	
	320.35	310.00	4.45			50.00	83	L=189.98
	323.30	315.00	2.40			50.00	83+50	
	320.35	320.40	0.05			50.00	84	L=95.17 R=128.00
	323.30	323.00	0.30			50.00	84+50	
	323.40	323.40				50.00	85	L=150.10
	324.10	324.10				50.00	85+50	
	325.00	325.00				50.00	86	L=150.10
	326.00	326.00				50.00	86+50	
	327.00	327.00				50.00	87	L=78.72
	327.20	327.20				50.00	87+50	

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

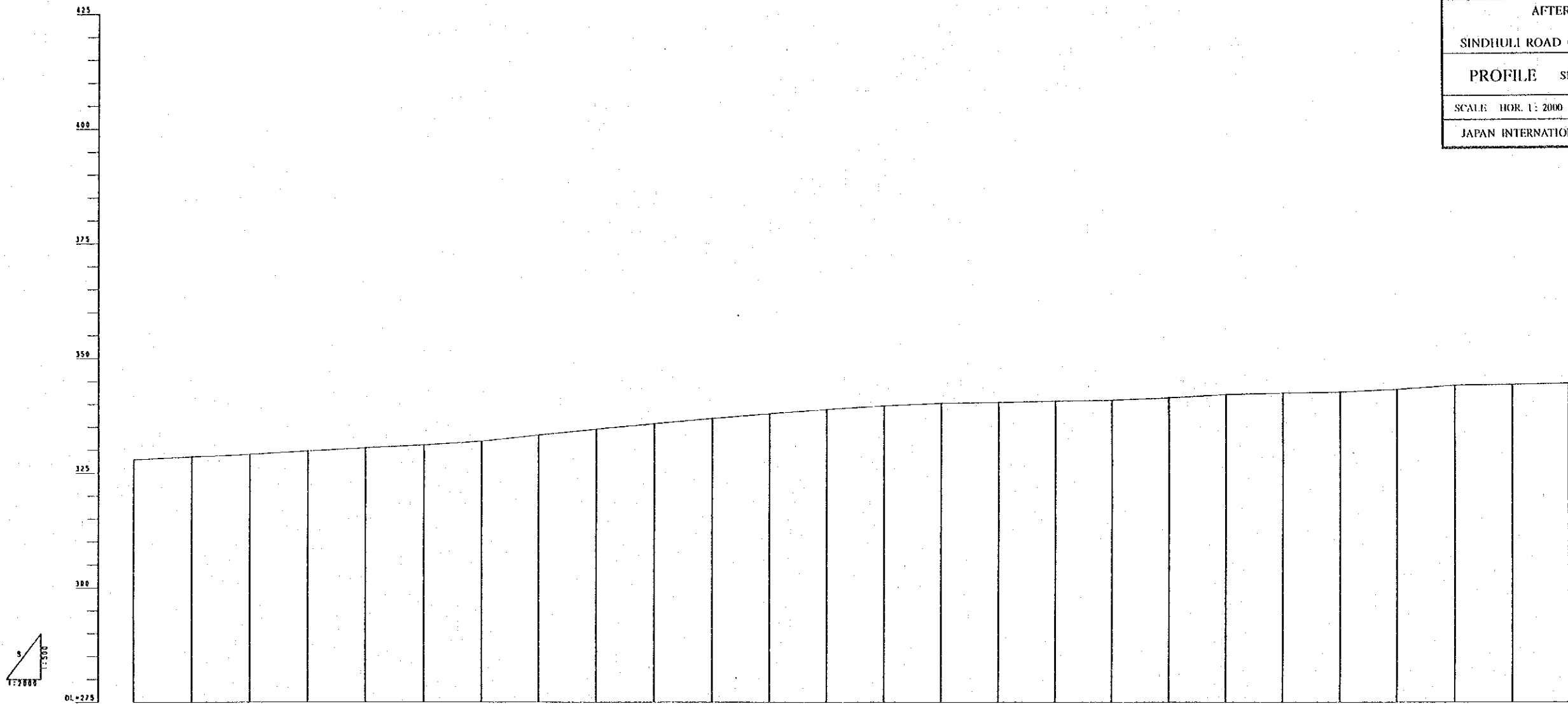
PROFILE SECTION 1

SCALE HOR. 1:2000 VER. 1:500

JAPAN INTERNATIONAL COOPERATION AGENCY

SHEET NO.
 B - 8

DATE



GRADE	345.00																										
PROPOSED HEIGHT																											
GROUND HEIGHT	327.90	328.90	329.00	329.80	330.50	331.10	331.90	333.20	334.50	335.70	336.90	338.00	338.90	339.70	340.30	340.50	340.80	341.00	341.50	342.00	342.50	342.70	343.30	344.20	344.40	344.70	
CUTTING DEPTH																											
EMBANKMENT HEIGHT																											
ACCUMULATED DISTANCE																											
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	
STATION	87+50	88	88+50	89	89+50	90	90+50	91	91+50	92	92+50	93	93+50	94	94+50	95	95+50	96	96+50	97	97+50	98	98+50	99	99+50	100	
CURVE ELEMENT	R=300.00 L=146.85		R=275.50		L=281.22					R=400.00 L=117.94 R=400.00		R=400.00 L=37.85			R=400.00 L=102.97			R=400.00 L=94.00 R=1200.00		R=400.00 L=80.31		R=400.00 L=23.45		R=400.00 L=297.84		R=400.00 L=388.00	

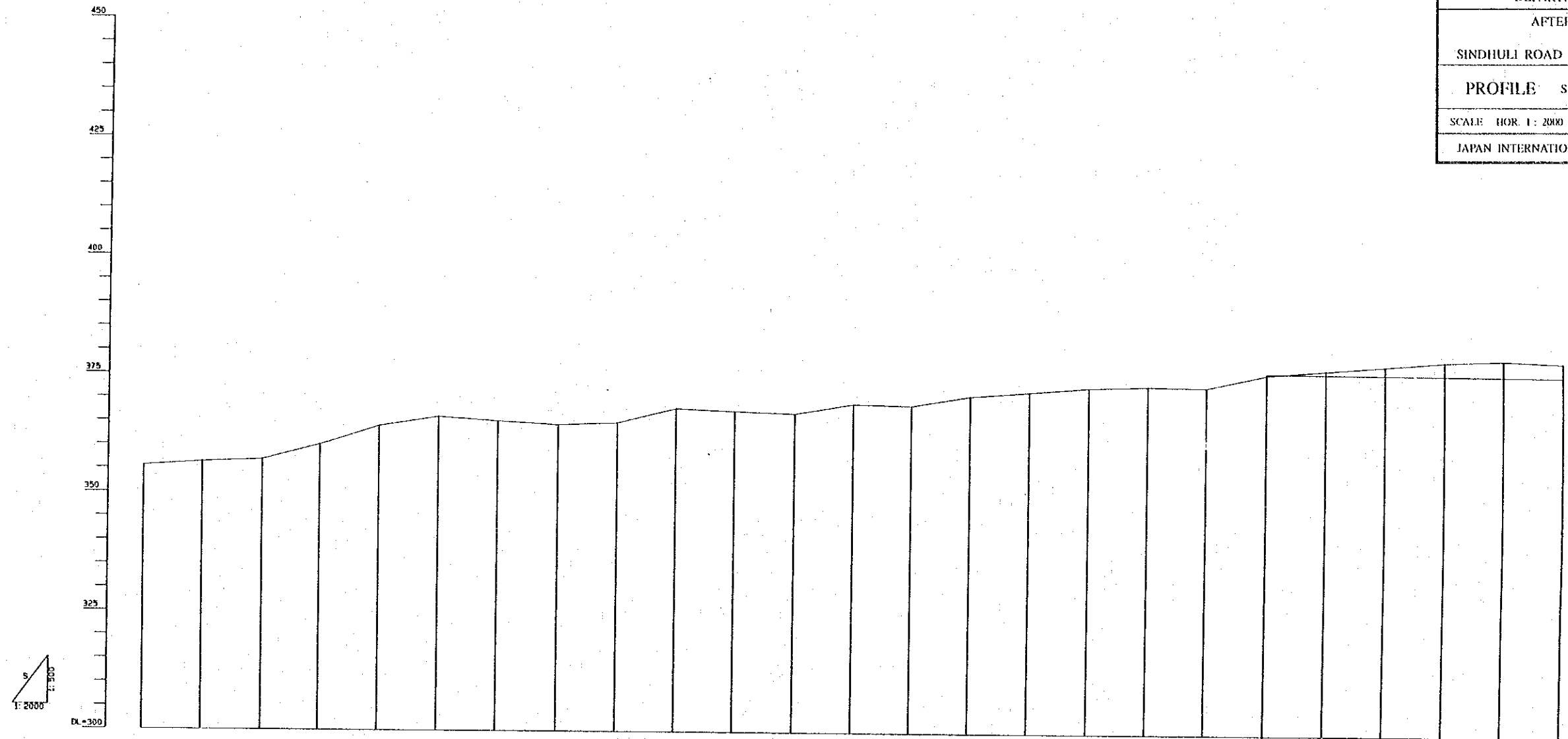
HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

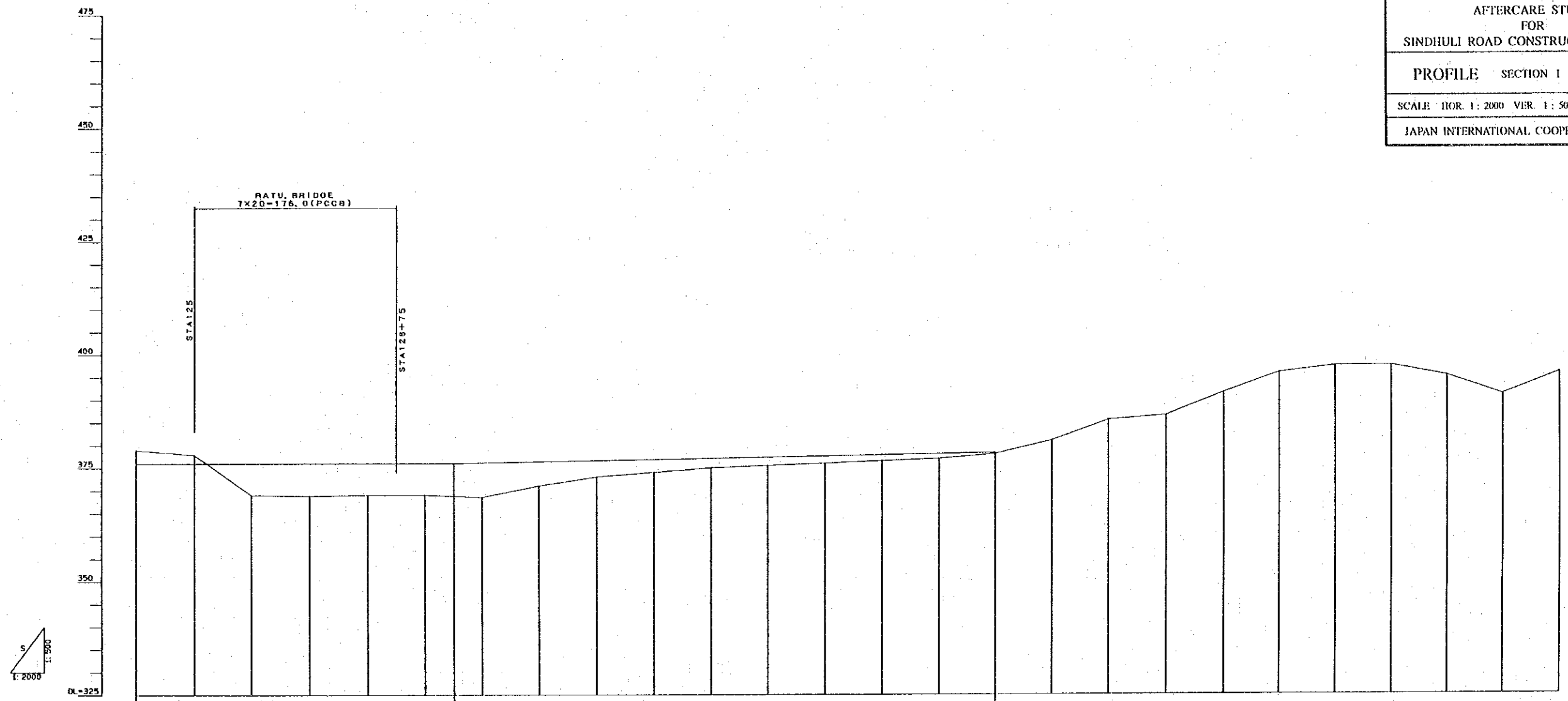
PROFILE SECTION 1 SHEET NO. B-10

SCALE HOR. 1:2000 VER. 1:500 DATE

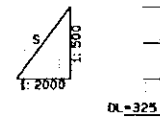
JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
		355.50				50.00	112+50	R=1500.00 L=70.34
		356.30				50.00	113	L=29.98 R=800.00
		356.80				50.00	113+50	L=79.16 R=800.00
		360.00				50.00	114	L=41.66 R=500.00
		364.00				50.00	114+50	L=41.66 R=500.00
		366.00				50.00	115	L=41.66 R=500.00
		365.10				50.00	115+50	L=41.66 R=500.00
		364.40				50.00	116	L=135.27 R=500.00
		364.90				50.00	116+50	L=135.27 R=500.00
		368.00				50.00	117	L=56.80 R=500.00
		367.50				50.00	117+50	L=56.80 R=500.00
		367.10				50.00	118	L=182.94 R=500.00
		369.20				50.00	118+50	L=182.94 R=500.00
		368.90				50.00	119	L=182.94 R=500.00
		371.00				50.00	119+50	L=182.94 R=500.00
		372.00				50.00	120	L=126.77 R=300.00
		372.00				50.00	120+50	L=126.77 R=300.00
		373.40				50.00	121	L=126.77 R=300.00
		373.20				50.00	121+50	L=126.77 R=300.00
		376.00		0.30		50.00	122	L=104.10 R=150.00
		376.30				50.00	122+50	L=104.10 R=150.00
		376.24	0.76			50.00	123	L=493.28 R=150.00
		376.16	1.82			50.00	123+50	L=493.28 R=150.00
		376.12	2.89			50.00	124	L=493.28 R=150.00
		376.06	3.44			50.00	124+50	L=493.28 R=150.00
		376.00	3.00			50.00	124+50	L=493.28 R=150.00



GRADE	376.00		LEVEL 275.00M																		376.00	+0.4842% 475.00M		376.30				
PROPOSED HEIGHT	376.00	376.00	376.00	376.00	376.00	376.00	376.12	376.33	376.61	376.85	377.09	377.33	377.57	377.82	378.08	378.30	378.30	381.00	385.50	386.50	391.30	395.90	397.40	397.90	398.20	391.10	396.00	
GROUND HEIGHT	379.00	377.90	369.00	366.90	363.00	369.00	366.50	371.00	373.00	374.00	375.00	375.90	376.00	376.90	377.00	378.00	378.00	381.00	385.50	386.50	391.30	395.90	397.40	397.90	398.20	391.10	396.00	
CUTTING DEPTH	3.00	1.90																										
EMBANKMENT HEIGHT			7.00	7.20	7.00	7.00	7.52	5.36	3.61	2.85	2.09	1.63	1.57	1.32	1.06	0.30												
ACCUMULATED DISTANCE																												
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	124+50	125	125+50	126	126+50	127	127+50	128	128+50	129	129+50	130	130+50	131	131+50	132	132+50	133	133+50	134	134+50	135	135+50	136	136+50	137		
CURVE ELEMENT	L=493.26 L=120.00 L=96.00 R=300.00 L=56.21 L=120.00 L=96.00 L=125.10 L=240.00 L=168.45 L=48.79 R=450.00 L=48.91 L=47.47 R=1000.00 L=52.31 L=76.60 L=15.90 L=50.80 L=132.24																											



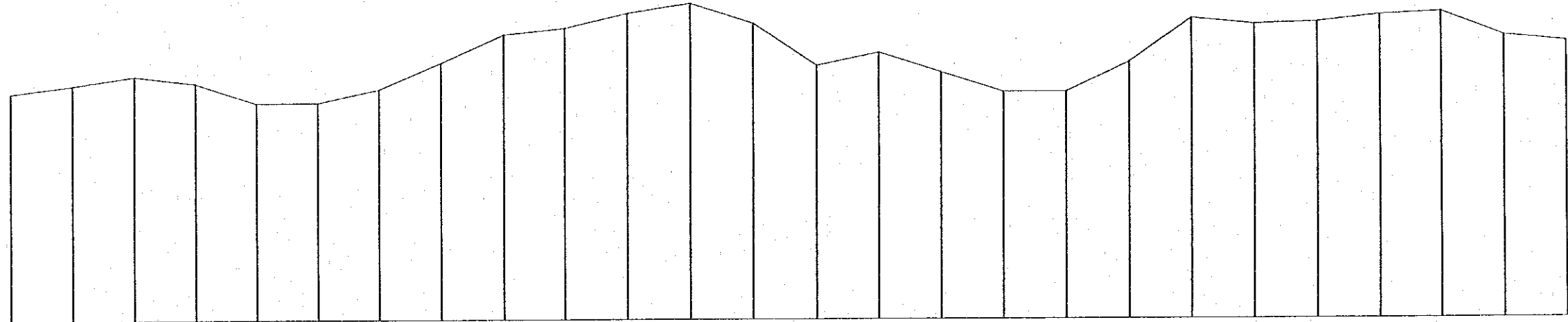
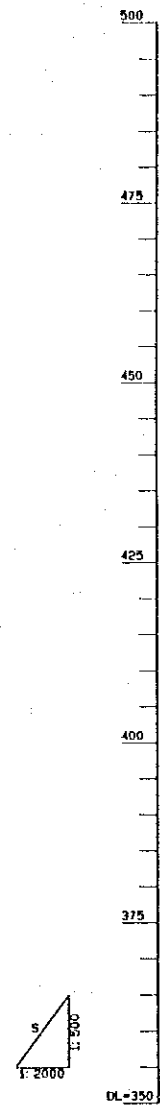
HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

PROFILE SECTION I SHEET NO.
 B - 12

SCALE HOR. 1: 2000 VER. 1: 500 DATE

JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE																										
PROPOSED HEIGHT																										
GROUND HEIGHT	396.00	397.80	399.80	398.00	394.00	394.00	396.70	402.00	407.70	409.00	412.00	414.00	410.00	401.40	404.00	400.00	396.00	396.00	402.00	410.00	409.60	410.00	411.40	412.00	407.20	406.00
CUTTING DEPTH																										
EMBANKMENT HEIGHT																										
ACCUMULATED DISTANCE																										
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	137	137+50	138	138+50	139	139+50	140	140+50	141	141+50	142	142+50	143	143+50	144	144+50	145	145+50	146	146+50	147	147+50	148	148+50	149	149+50
CURVE ELEMENT	L=132.24		L=126.72 R=180.00		L=35.75 R=600.00		L=60.89		L=41.88 R=60.00		L=28.01 R=200.00		L=48.48 R=400.00		L=178.78		L=90.28 R=1000.00		L=104.94		L=43.72 R=300.00		L=45.72 R=500.00		L=38.81 R=73.73	

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

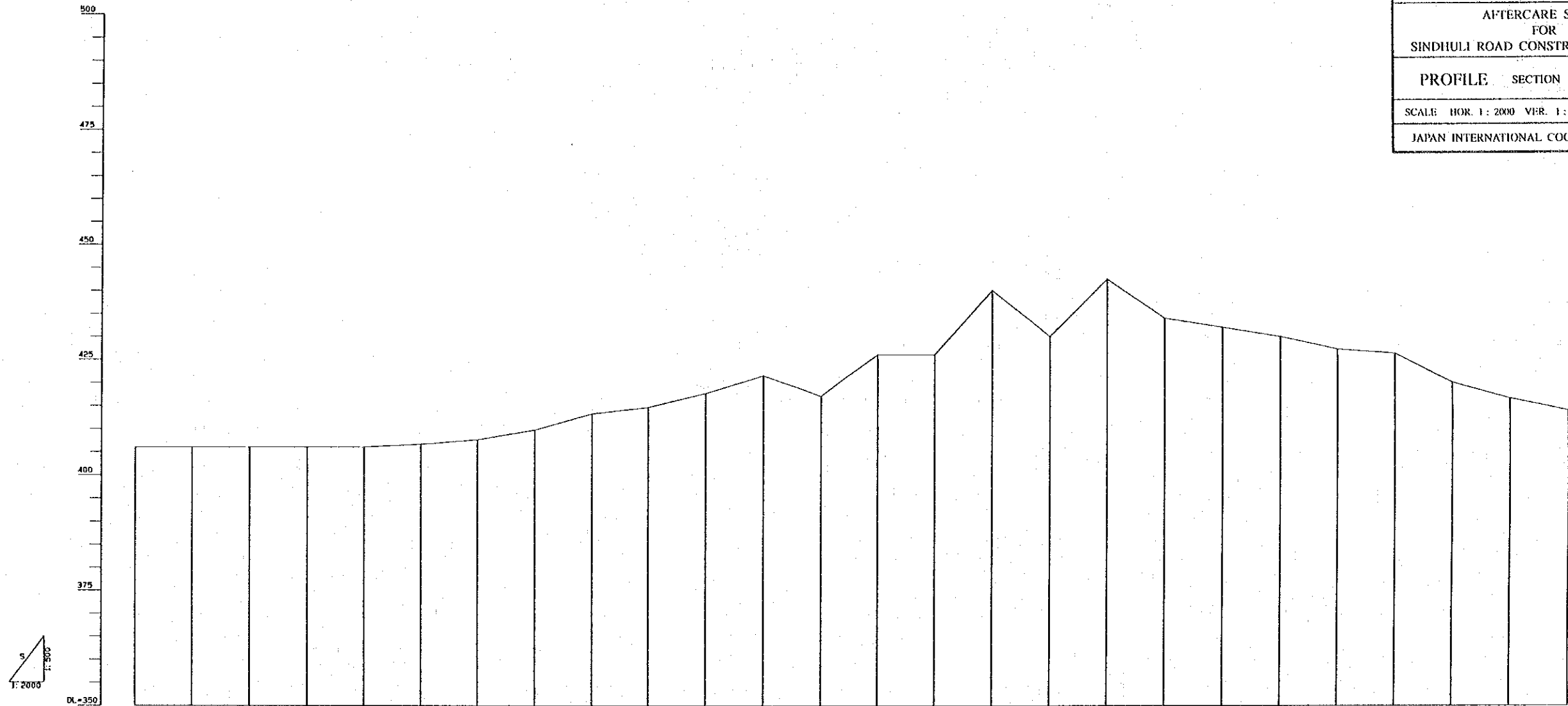
AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

PROFILE SECTION 1

SHEET NO.
 B - 13

SCALE: HOR. 1 : 2000 VER. 1 : 500 DATE

JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE																										
PROPOSED HEIGHT																										
GROUND HEIGHT	406.00	406.00	406.00	406.00	406.00	406.60	407.60	409.70	413.20	414.60	417.70	421.90	417.00	426.00	426.00	440.00	430.00	442.90	424.00	432.00	430.00	427.20	426.30	420.00	416.60	414.00
CUTTING DEPTH																										
EMBANKMENT HEIGHT																										
ACCUMULATED DISTANCE																										
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	149+50	150	150+50	151	151+50	152	152+50	153	153+50	154	154+50	155	155+50	156	156+50	157	157+50	158	158+50	159	159+50	160	160+50	161	161+50	162
CURVE ELEMENT	<p> $L=177.16$ $L=94.01$ $R=1600.00$ $L=129.97$ $L=153+35.28$ $R=300.00$ $L=83.65$ $L=30$ $L=46.53$ $R=400.00$ $L=52.45$ $L=58+51.34$ $L=48.80$ $R=300.00$ $L=26.07$ $L=37.14$ $R=300.00$ $L=34.44$ $L=67.80$ $R=80.00$ $L=25.45$ $L=55.60$ $L=91.02$ $L=38.32$ $R=120.00$ $L=27.37$ $L=37.71$ $R=200.00$ $L=42.17$ $L=33+56.66$ $L=114.22$ $R=100.00$ $L=105.13$ $R=160.00$ $L=54.31$ $L=48.23$ $L=41.14$ </p>																									

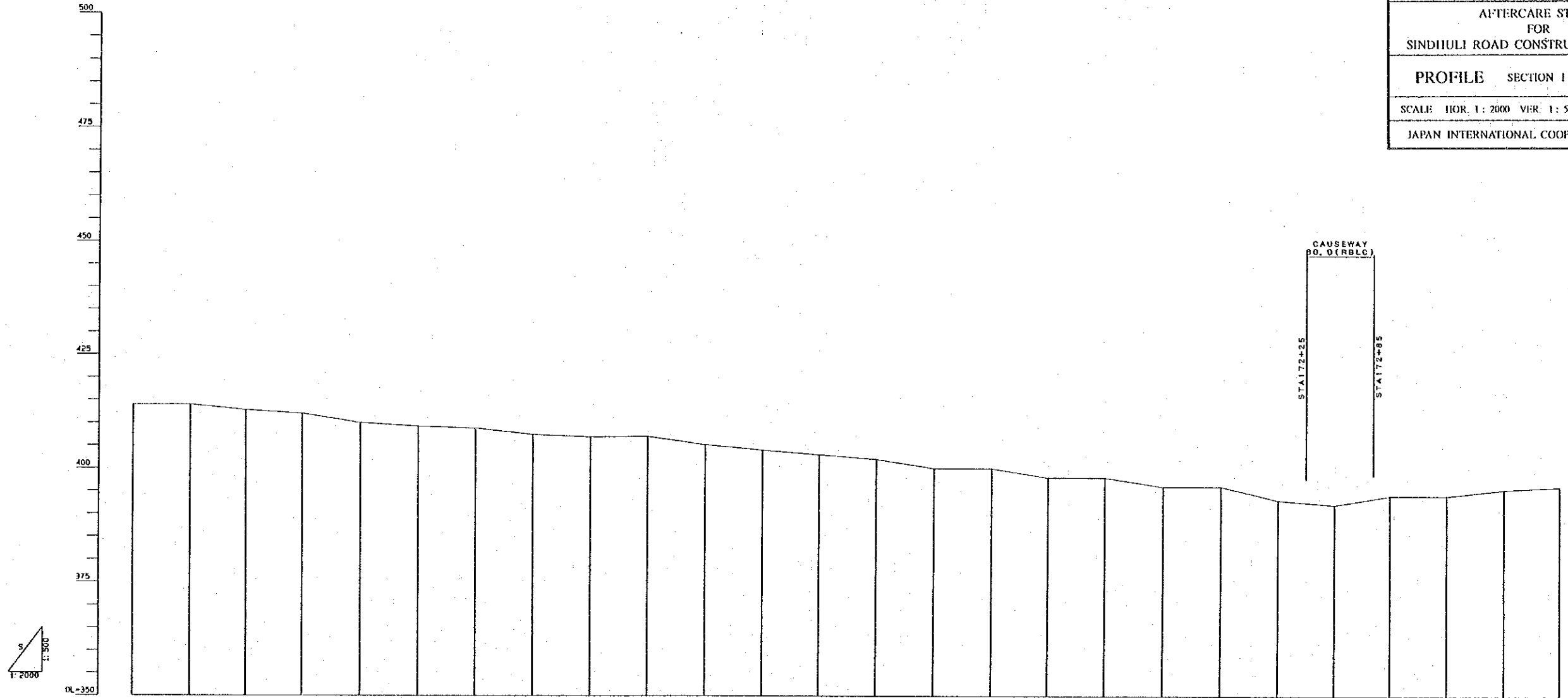
HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

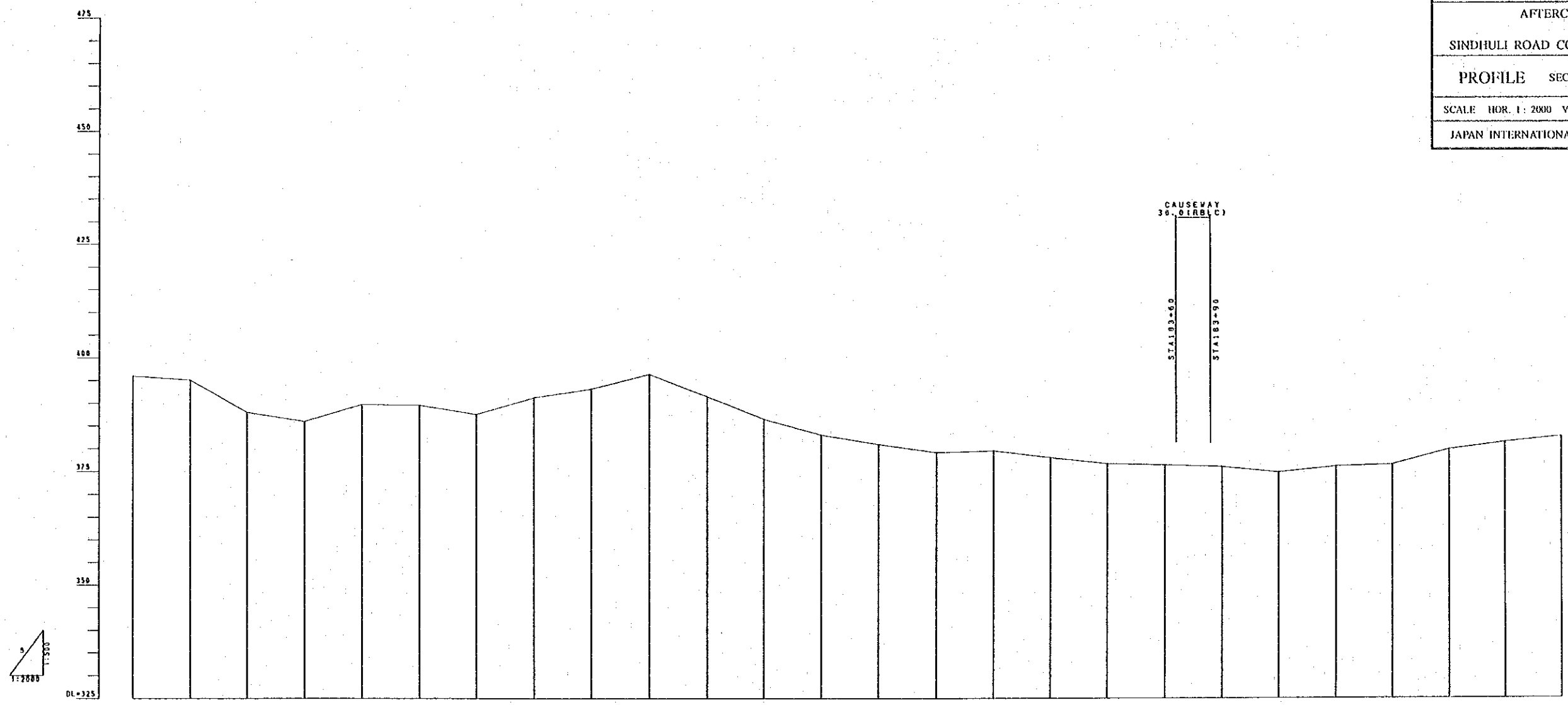
PROFILE SECTION 1 SHEET NO.
 B - 14

SCALE HOR. 1 : 2000 VER. 1 : 500 DATE

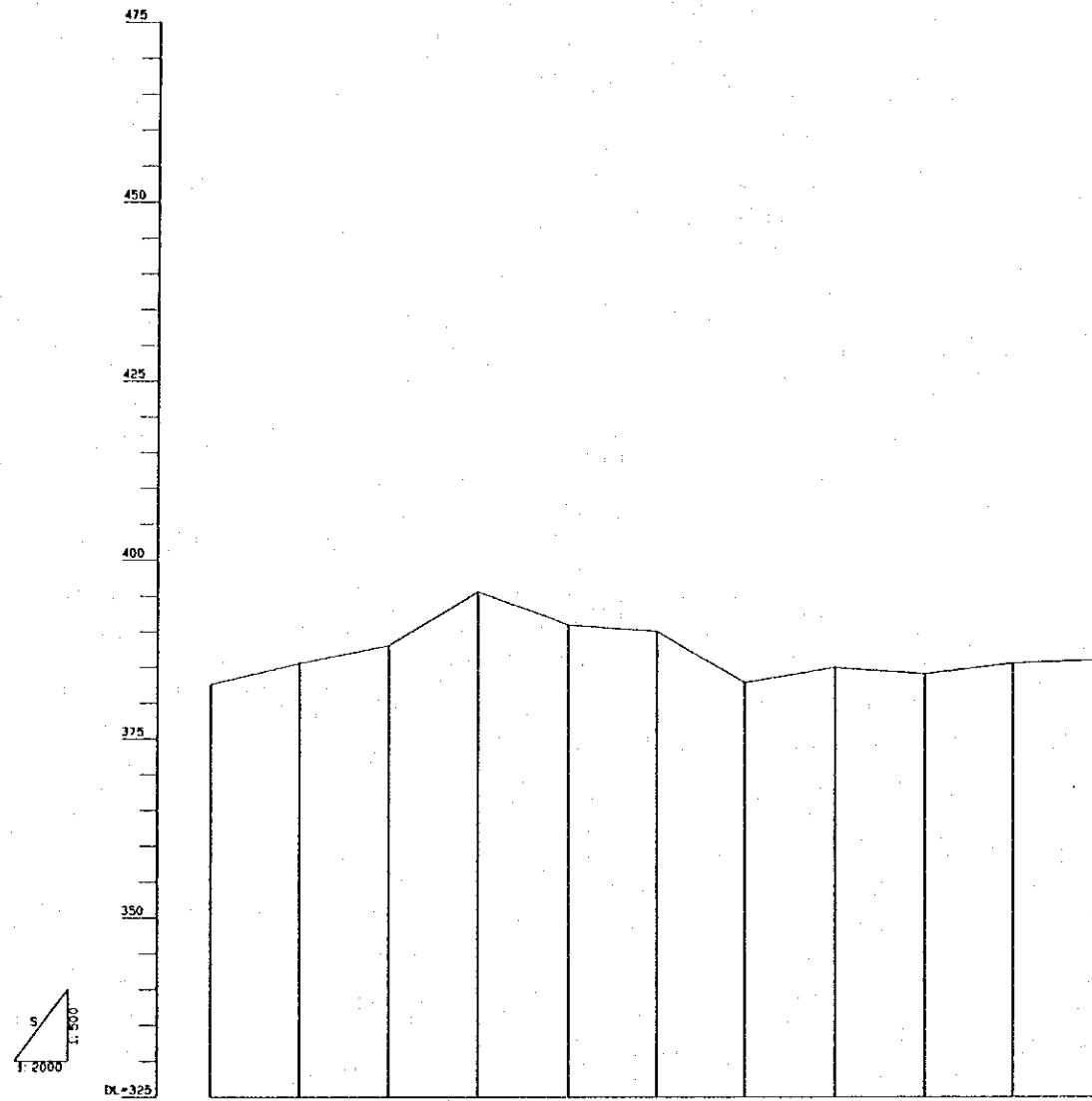
JAPAN INTERNATIONAL COOPERATION AGENCY



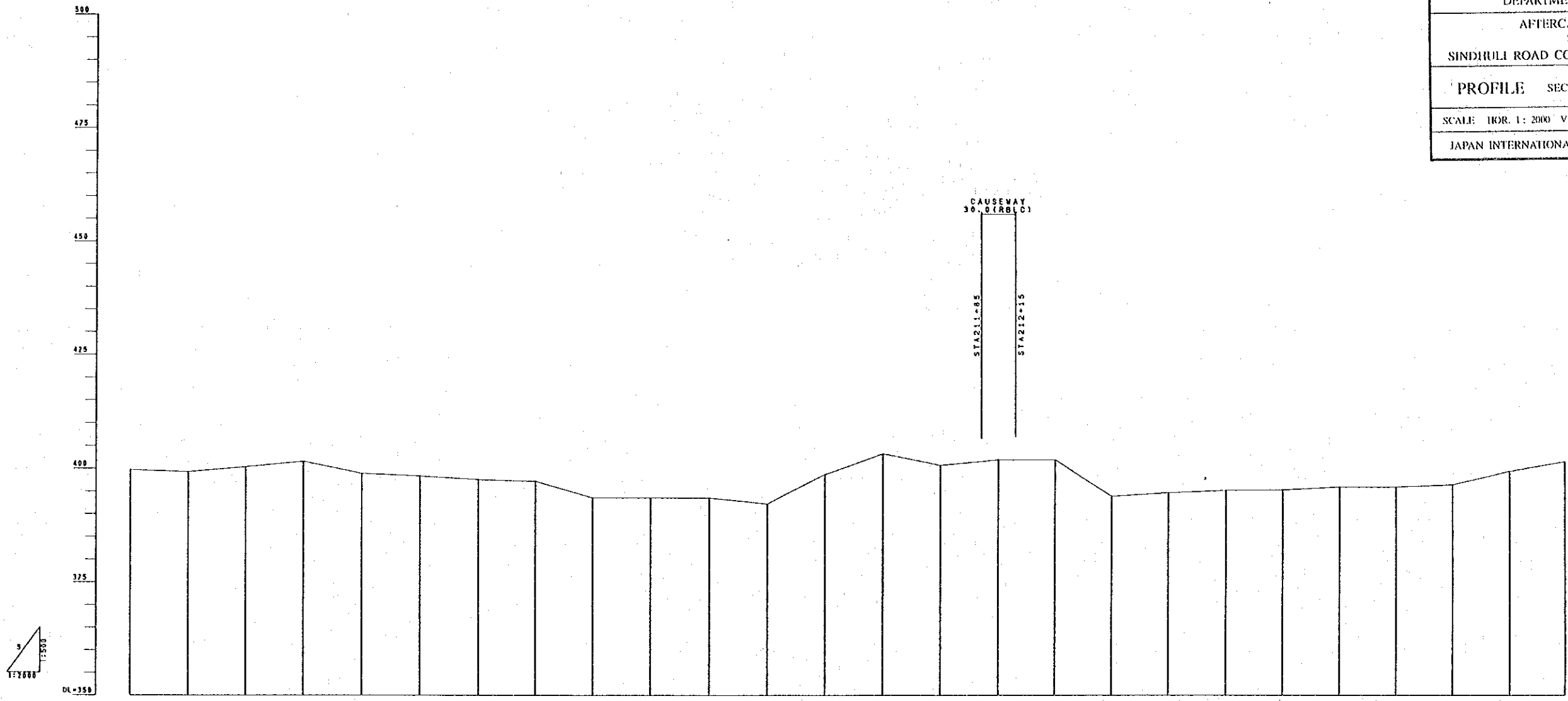
GRADE																											
PROPOSED HEIGHT																											
GROUND HEIGHT	414.00	414.00	412.80	412.00	410.00	409.20	408.80	407.40	406.90	407.00	405.20	404.00	403.00	402.00	400.00	400.00	398.00	398.00	396.00	396.00	393.00	392.00	394.00	394.00	395.40	396.00	
CUTTING DEPTH																											
EMBANKMENT HEIGHT																											
ACCUMULATED DISTANCE																											
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	162	162+50	163	163+50	164	164+50	165	165+50	166	166+50	167	167+50	168	168+50	169	169+50	170	170+50	171	171+50	172	172+50	173	173+50	174	174+50	
CURVE ELEMENT	L=105.13 R=150.00		L=162.02		R=140.00 L=81.00		L=393.33		R=450.00 L=50.60		L=83.22		L=39.56 L=39.56		L=80.00 L=39.56		R=180.00 L=102.83		L=80.00 L=39.56		L=418.08						



GRADE																										
PROPOSED HEIGHT																										
GROUND HEIGHT	356.00	395.10	388.00	386.00	385.80	389.60	387.50	391.20	393.10	396.40	391.45	386.50	382.00	386.90	379.10	379.50	376.00	376.70	376.40	376.00	374.70	375.00	375.40	379.70	381.30	382.60
CUTTING DEPTH																										
EMBANKMENT HEIGHT																										
ACCUMULATED DISTANCE																										
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	174+50	175	175+50	176	176+50	177	177+50	178	178+50	179	179+50	180	180+50	181	181+50	182	182+50	183	183+50	184	184+50	185	185+50	186	186+50	187
CURVE ELEMENT	L=118.00		P=1600.00 C=118.91	L=11.46	P=1600.00 C=118.91	L=53.91	L=40.50 A=368.00	L=45.79	L=40.50 A=368.00 C=175.95	L=89.41	L=37.34 A=1600.00	L=88.02	L=43.55 A=2000.00	L=430.00												
ELEMENT																										



GRADE	396.30										
PROPOSED HEIGHT											
GROUND HEIGHT	382.60	385.50	388.00	395.50	390.90	390.00	382.90	384.90	384.00	385.50	386.00
CUTTING DEPTH											
EMBANKMENT HEIGHT											
ACCUMULATED DISTANCE											
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	187	187+50	188	188+50	189	189+50	190	190+50	191	191+50	192
CURVE ELEMENT	<p>L=438.00</p> <p>R=60.00 L=47.69</p> <p>L=51.07</p> <p>R=240.00 L=69.27</p> <p>L=310.50</p>										



GRADE																											
PROPOSED HEIGHT																											
GROUND HEIGHT	399.70	399.30	400.40	401.60	399.00	398.40	397.60	397.20	393.60	393.60	393.40	392.20	398.80	403.30	400.80	402.00	402.00	394.00	394.80	395.30	395.40	398.00	396.00	396.50	399.50	401.60	
CUTTING DEPTH																											
EMBANKMENT HEIGHT																											
ACCUMULATED DISTANCE																											
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	204+50	205	205+50	206	206+50	207	207+50	208	208+50	209	209+50	210	210+50	211	211+50	212	212+50	213	213+50	214	214+50	215	215+50	216	216+50	217	
CURVE ELEMENT	L=87.32 R=1200.00		L=54.68		L=123.19		L=85.36 R=300.00		L=112.76		L=82.00		L=69.56 R=800.00		L=59.87		L=159.89		L=53.62		L=44.18		L=118.00				

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

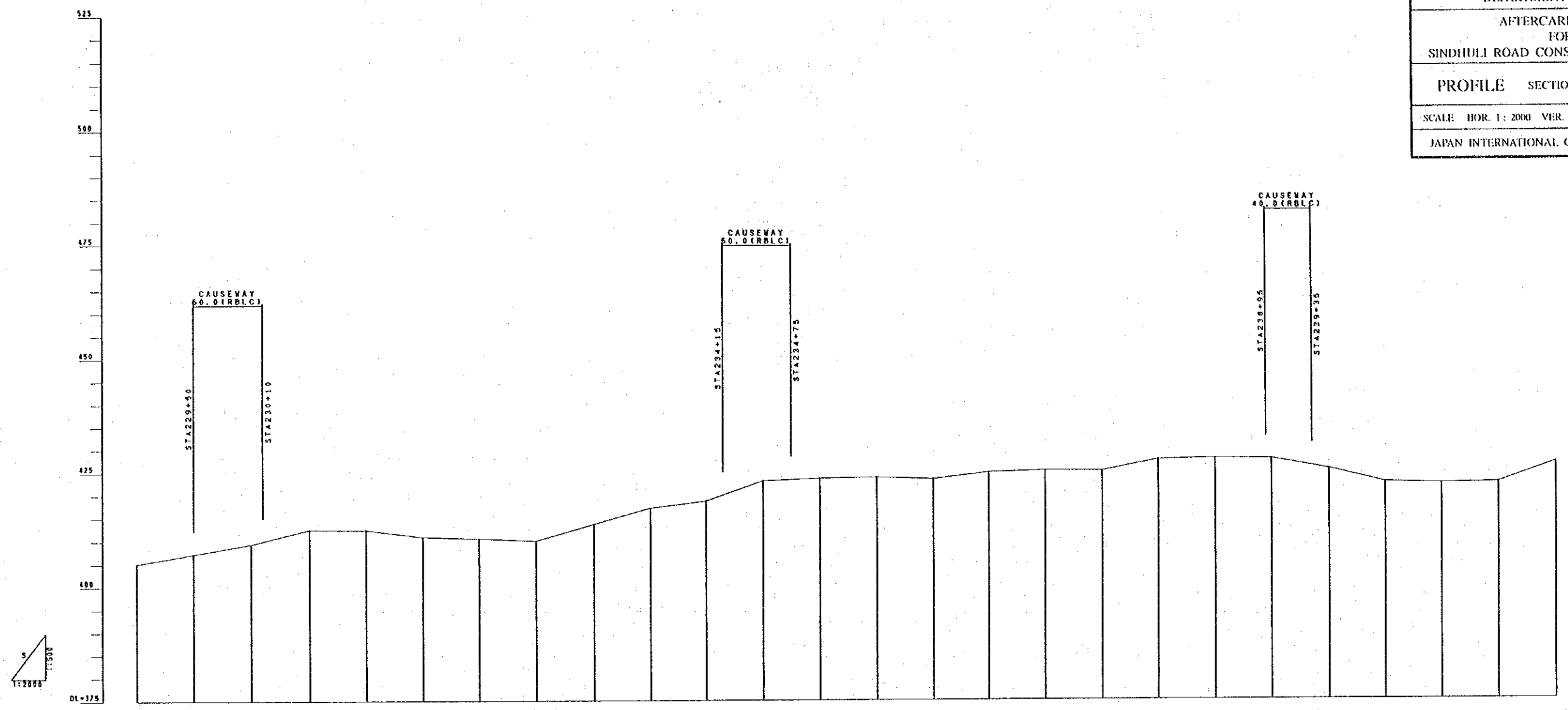
PROFILE SECTION 1

SHEET NO. B-20

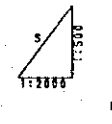
SCALE HOR. 1:2000 VER. 1:500

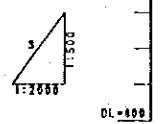
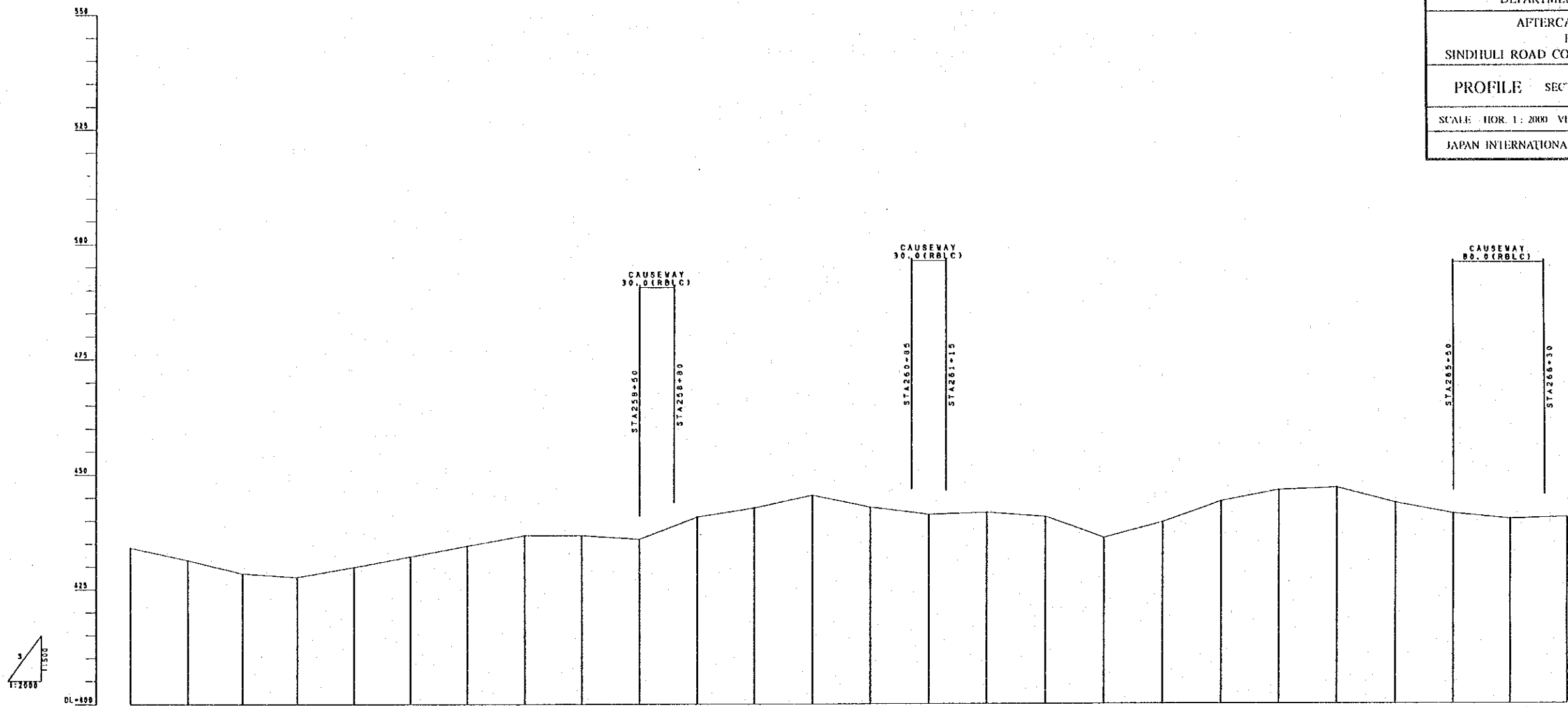
DATE

JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE																											
PROPOSED HEIGHT																											
GROUND HEIGHT	405.10	407.20	409.40	412.50	412.40	410.90	410.90	410.00	413.60	417.10	418.60	423.00	423.50	423.70	423.30	424.70	425.10	425.00	427.40	427.70	427.50	425.30	422.40	422.10	422.30	424.70	
CUTTING DEPTH																											
EMBANKMENT HEIGHT																											
ACCUMULATED DISTANCE																											
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	229	229+50	230	230+50	231	231+50	232	232+50	233	233+50	234	234+50	235	235+50	236	236+50	237	237+50	238	238+50	239	239+50	240	240+50	241	241+55	
CURVE ELEMENT																											





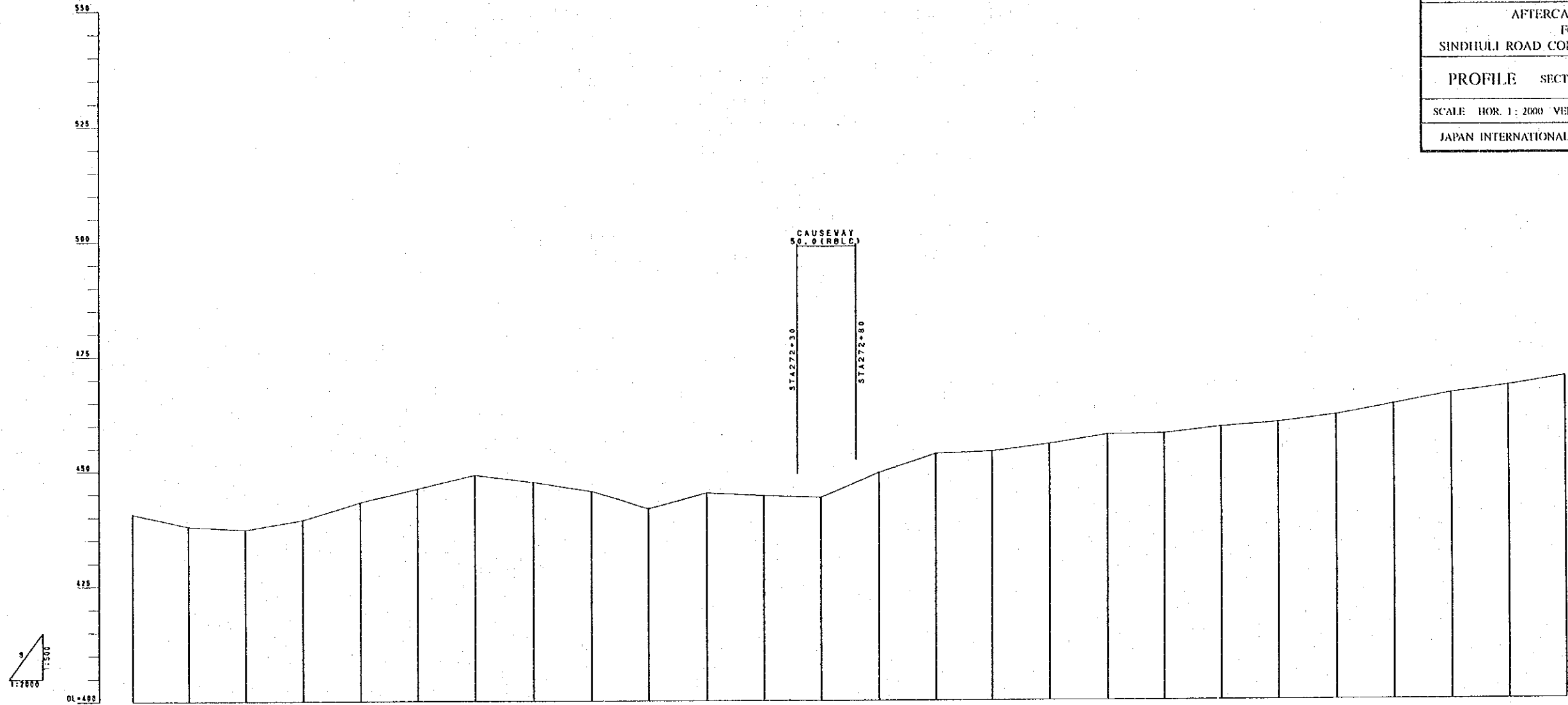
GRADE																											
PROPOSED HEIGHT																											
GROUND HEIGHT	434.10	431.40	428.50	427.70	429.00	432.20	434.50	436.80	436.80	436.00	440.80	442.00	445.50	442.90	441.30	441.70	440.00	436.20	435.60	444.10	444.50	447.00	443.70	441.40	440.20	440.60	
CUTTING DEPTH																											
EMBANKMENT HEIGHT																											
ACCUMULATED DISTANCE																											
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	234	234+50	235	235+50	236	236+50	237	237+50	238	238+50	239	239+50	240	240+50	241	241+50	242	242+50	243	243+50	244	244+50	245	245+50	246	246+50	
CURVE ELEMENT	L=25.97 R=600.00 L=91.57		L=59.88 R=600.00 L=48.18		L=109.98		L=71.47 R=1600.00		L=56.73 R=600.00 L=88.48		L=218.87		L=51.12 R=1000.00		L=73.88 R=600.00 L=82.58		L=118.36		L=73.54 R=600.00								

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

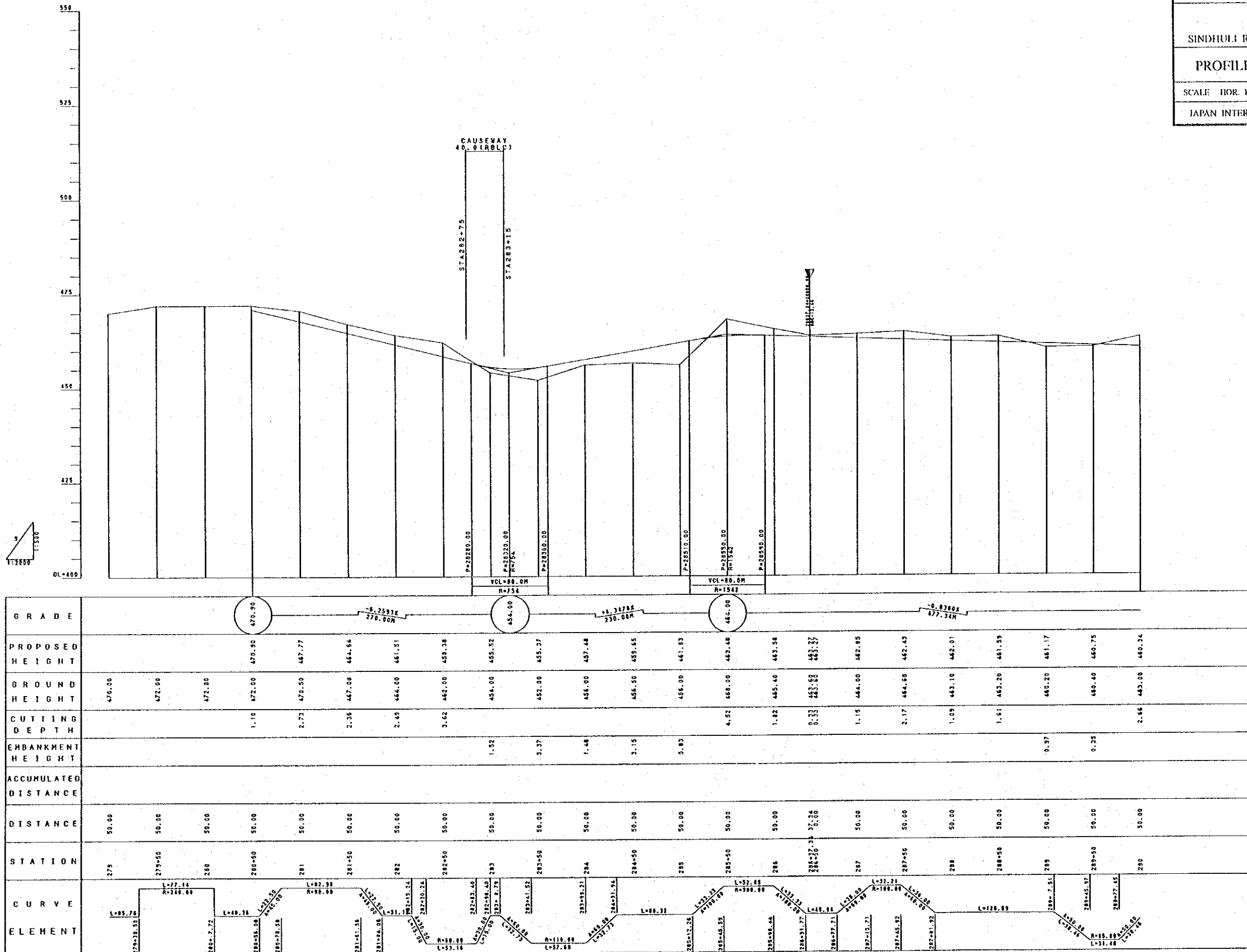
AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

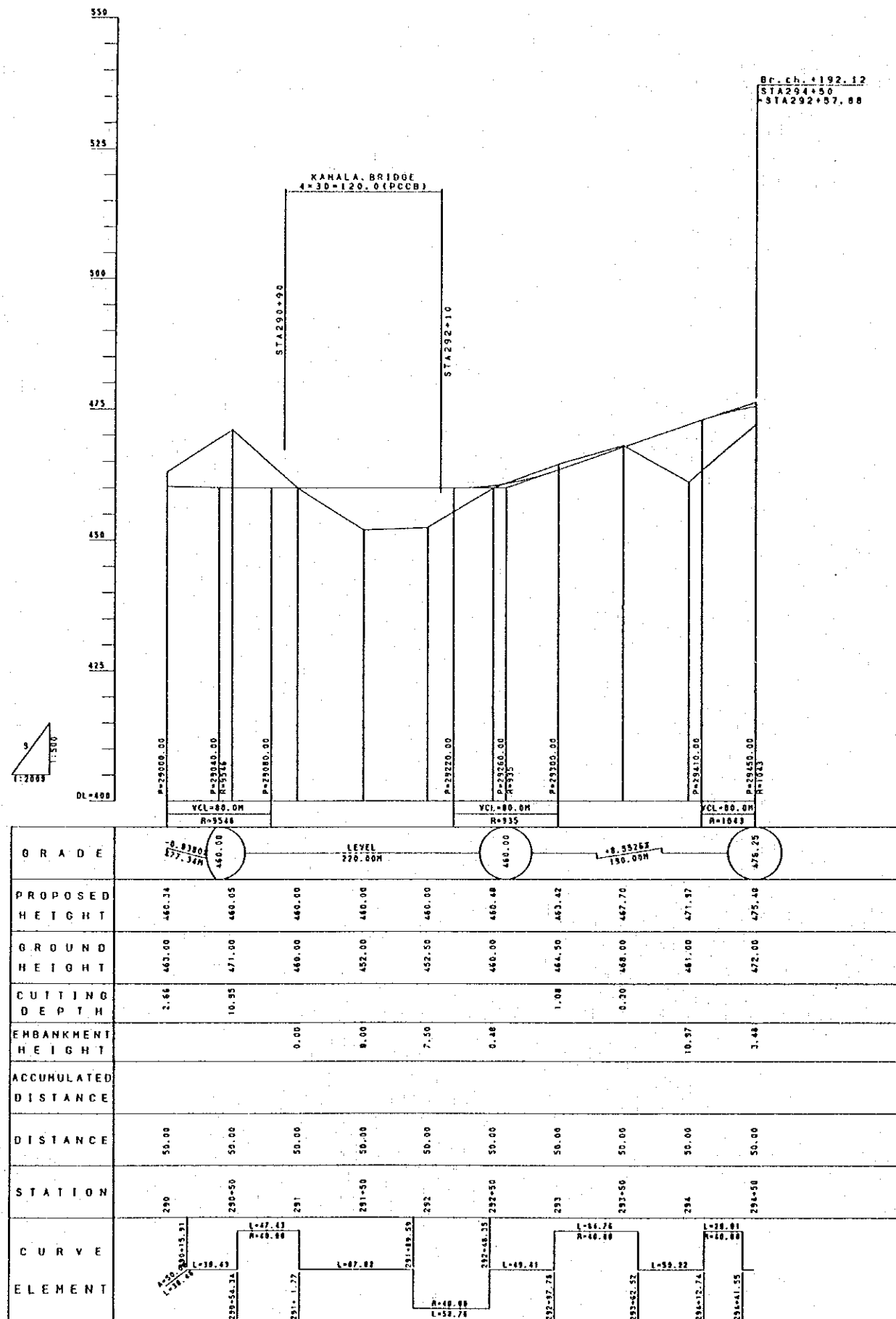
PROFILE SECTION 1
 SHEET NO. B - 23

SCALE HOR. 1 : 2000 VER. 1 : 500
 DATE
 JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE																											
PROPOSED HEIGHT																											
GROUND HEIGHT	446.60	437.90	437.20	439.30	443.10	446.00	449.00	447.40	445.40	441.60	445.00	444.40	444.00	449.40	453.90	456.00	455.60	457.60	457.00	459.20	466.10	461.70	464.00	466.40	468.00	470.00	
CUTTING DEPTH																											
EMBANKMENT HEIGHT																											
ACCUMULATED DISTANCE																											
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
STATION	266+50	267	267+50	268	268+50	269	269+50	270	270+50	271	271+50	272	272+50	273	273+50	274	274+50	275	275+50	276	276+50	277	277+50	278	278+50	279	
CURVE ELEMENT	L=112.31		R=128.00 L=31.87		L=152.12		L=205.66 R=148.00 L=78.00		L=787.38										L=56.19 R=308.00		L=88.78						





HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

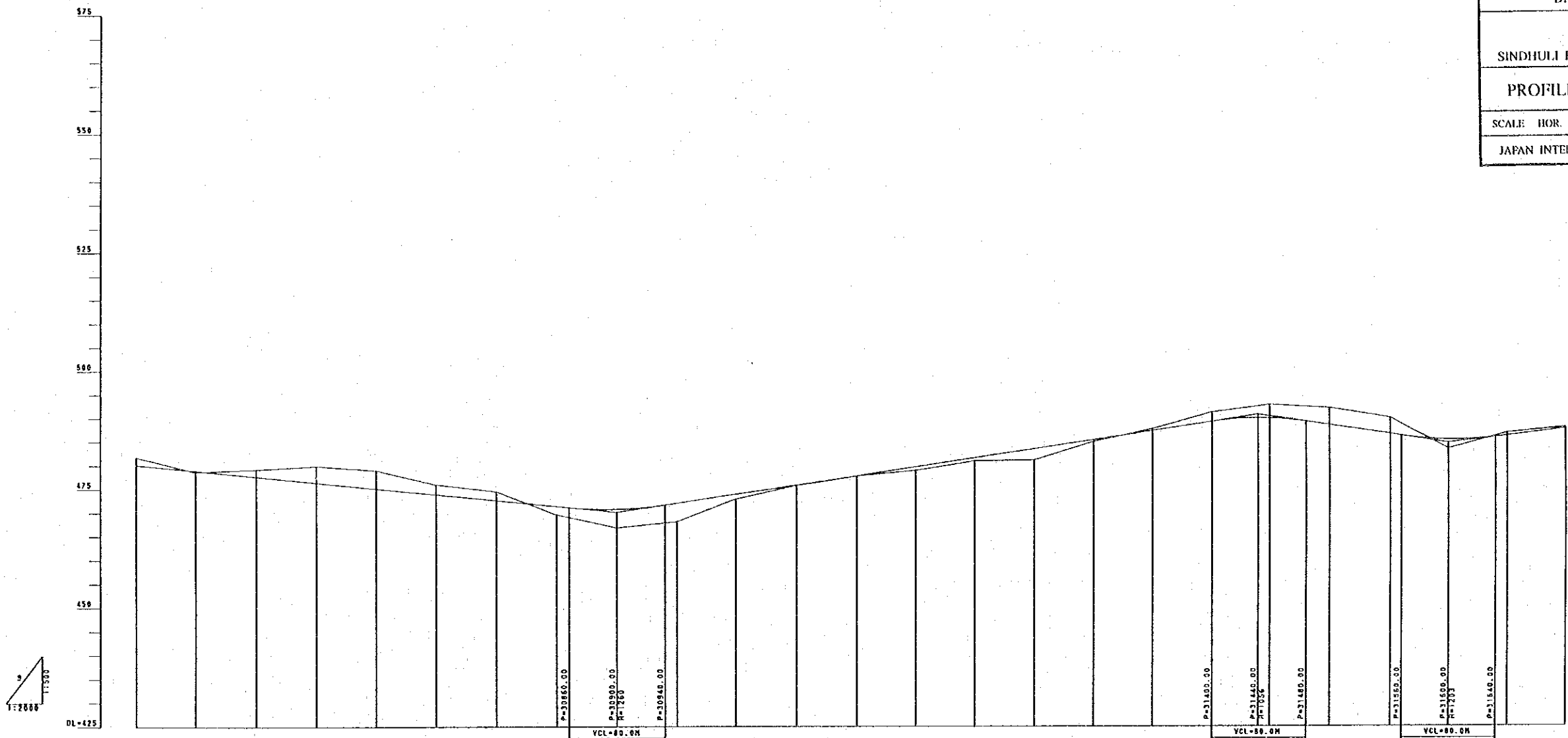
PROFILE SECTION 1

SHEET NO. B - 27

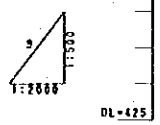
SCALE HOR. 1: 2000 VER. 1: 500

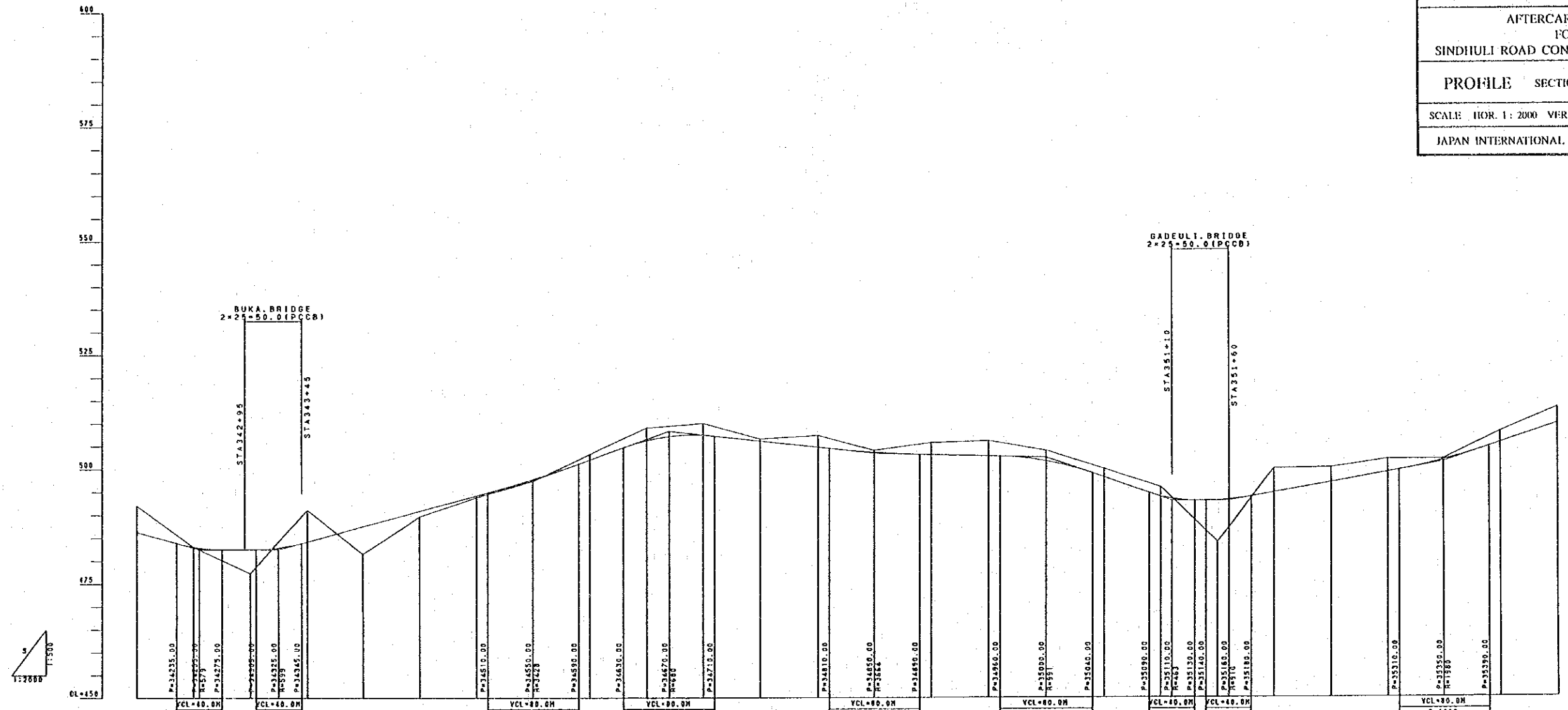
DATE

JAPAN INTERNATIONAL COOPERATION AGENCY



GRADE																												
PROPOSED HEIGHT	480.09	478.03	477.57	476.31	475.04	473.78	472.52	471.26	470.00	470.00	471.91	473.82	475.74	479.56	481.47	483.38	485.30	487.21	489.12	489.85	489.40	486.53	485.32	486.10	487.55			
GROUND HEIGHT	481.70	478.60	479.10	479.80	478.90	475.90	474.40	469.50	466.70	468.00	472.00	475.70	477.60	478.00	480.00	481.00	484.90	487.60	491.10	492.70	492.00	489.90	489.40	486.70	487.90			
CUTTING DEPTH	1.61		1.53	3.49	3.86	2.12	1.88											0.29	1.99	2.85	3.60	3.37		0.60	0.35			
EMBANKMENT HEIGHT		0.23						1.76	3.33	3.91	1.02	0.04	0.05	0.76	0.67	2.38	0.40						1.32					
ACCUMULATED DISTANCE																												
DISTANCE	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00			
STATION	305	305+50	306	306+50	307	307+50	308	308+50	309	309+50	310	310+50	311	311+50	312	312+50	313	313+50	314	314+50	315	315+50	316	316+50	317			
CURVE ELEMENT																												





GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
-6.9070% 215.00M	486.30	452.00	5.70			50.00	342	L=120.78
LEVEL 70.00M	483.04	483.00	0.04			50.00	342+50	
482.50	482.50	477.30	5.20			50.00	343	L=120.78
484.17	484.17	481.00	6.83			50.00	343+50	
487.50	487.50	481.50	6.00			50.00	344	L=120.78
490.83	490.83	469.60	1.23			50.00	344+50	
494.17	494.17	453.80	0.37			50.00	345	L=120.78
497.73	497.73	497.30	0.43			50.00	345+50	
502.00	502.00	503.20				50.00	346	L=120.78
508.21	508.21	509.30				50.00	346+50	
507.41	507.41	510.00				50.00	347	L=120.78
506.10	506.10	506.60				50.00	347+50	
504.73	504.73	507.30				50.00	348	L=120.78
503.57	503.57	504.00				50.00	348+50	
503.07	503.07	506.70				50.00	349	L=120.78
502.78	502.78	506.10				50.00	349+50	
501.69	501.69	504.00				50.00	350	L=120.78
498.18	498.18	500.00				50.00	350+50	
493.37	493.37	496.00				50.00	351	L=120.78
493.05	493.05	484.00		9.05		50.00	351+50	
494.76	494.76	500.00				50.00	352	L=120.78
496.96	496.96	500.20				50.00	352+50	
495.15	495.15	502.00				50.00	353	L=120.78
501.75	501.75	502.00				50.00	353+50	
505.57	505.57	506.00				50.00	354	L=120.78
505.78	505.78	513.30				50.00	354+50	

HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

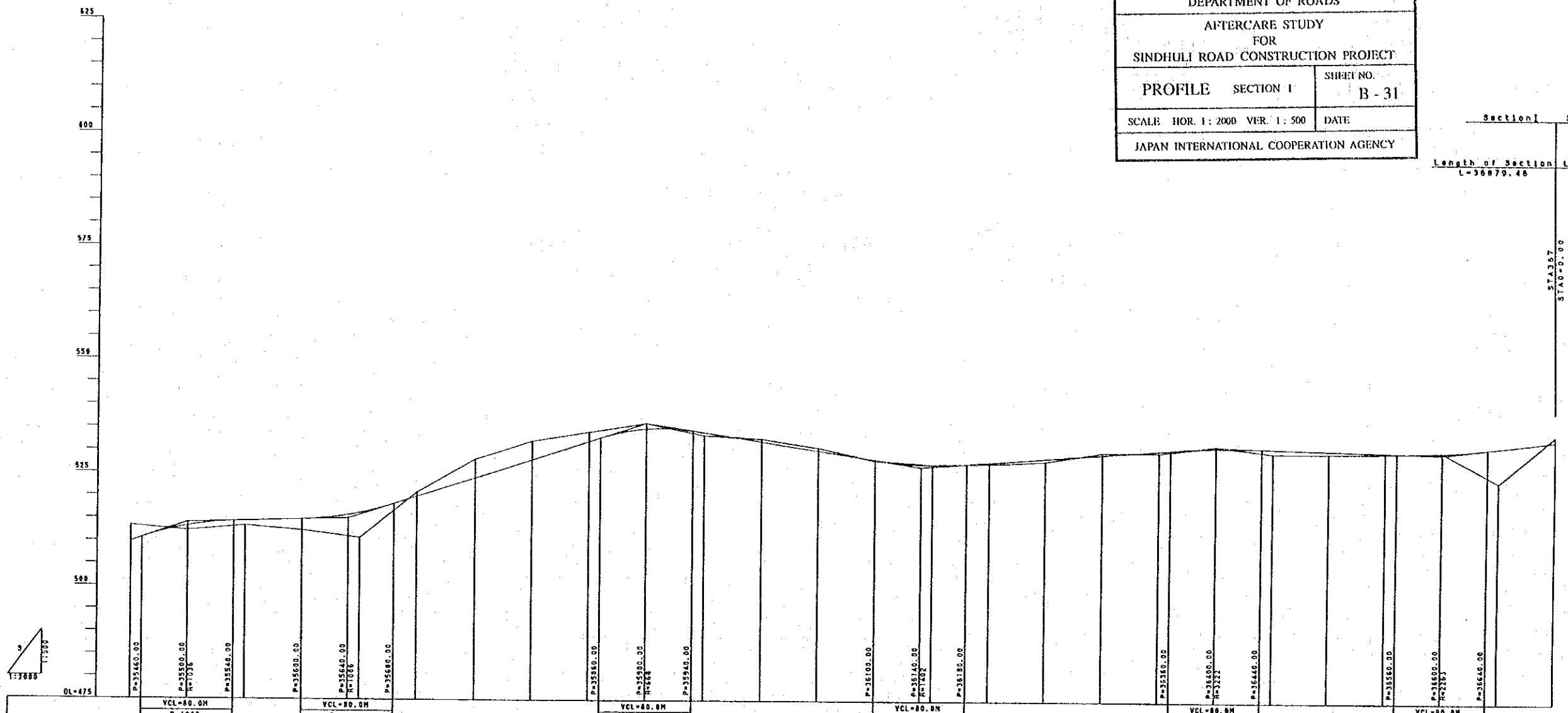
PROFILE SECTION I

SHEET NO. B-31

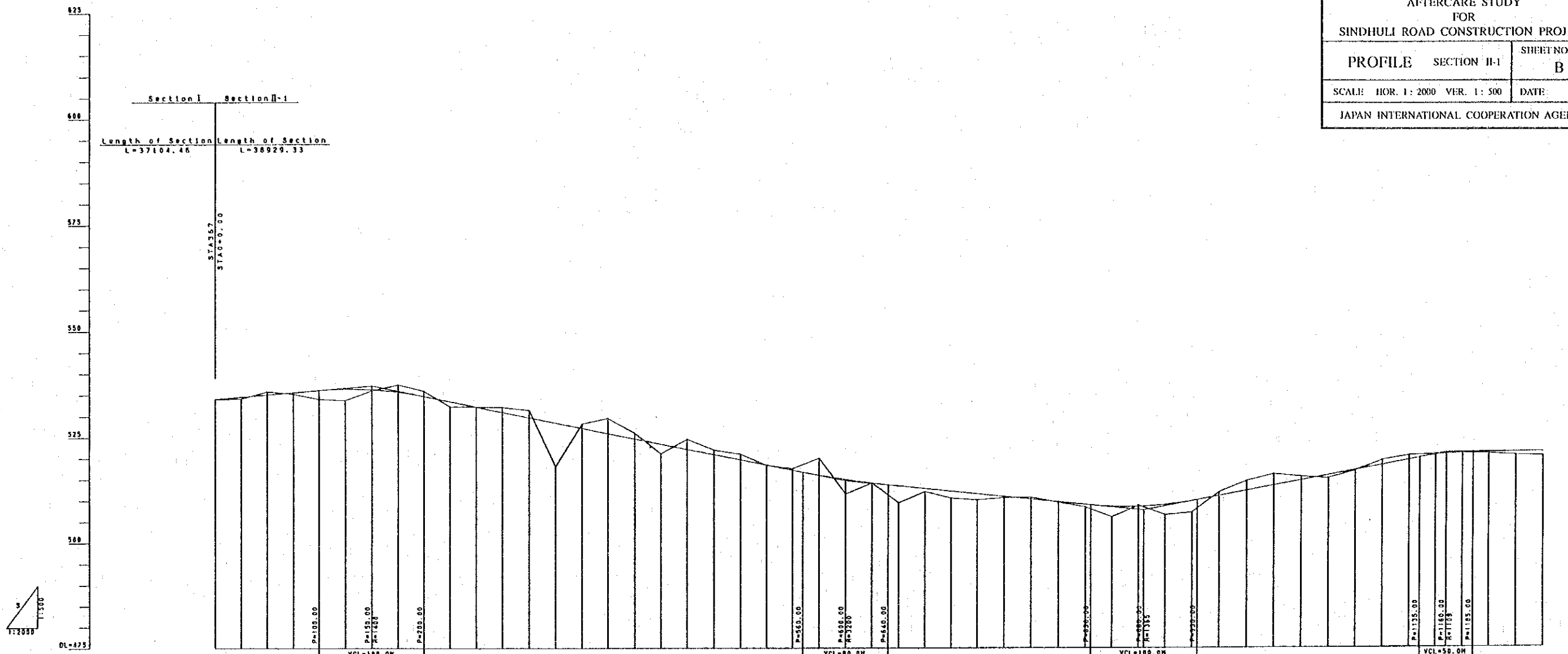
SCALE HOR. 1: 2000 VER. 1: 500 DATE

JAPAN INTERNATIONAL COOPERATION AGENCY

Section I Length of Section L=36879.46
 Section II Length of Section L=36929.33



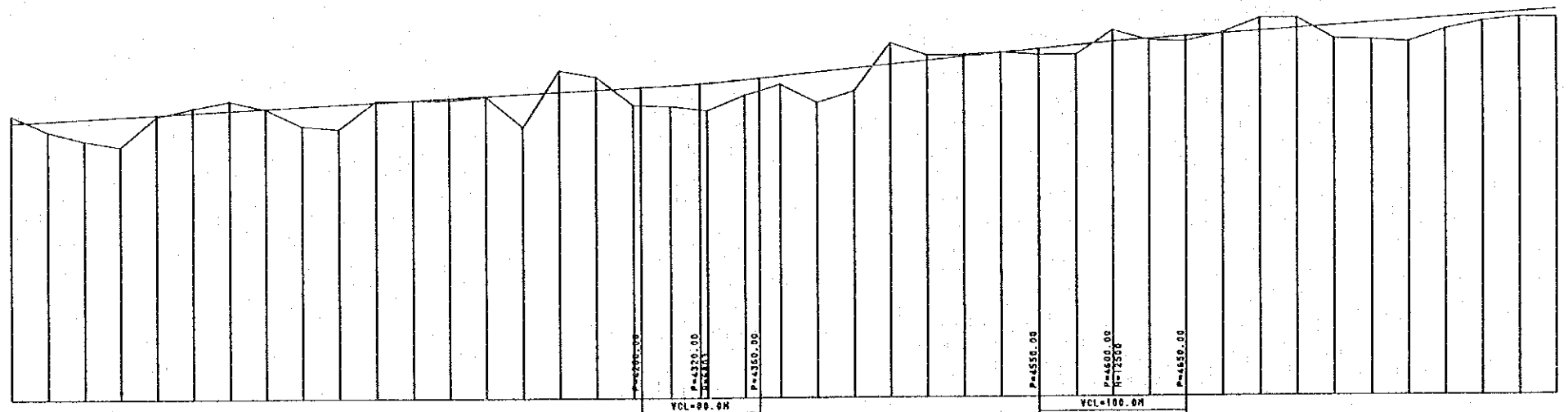
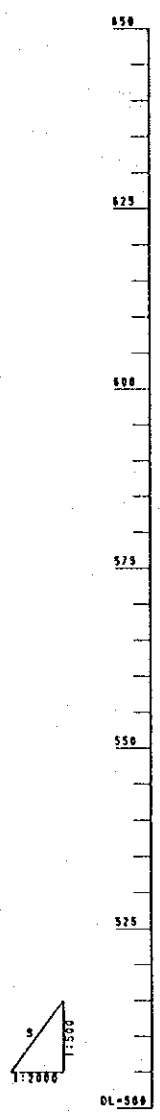
GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
+0.4333% 156.00M	509.74	513.30	3.52	1.03		50.00	354+50	L=248.79
+0.7143% 189.00M	514.36	513.30	1.06	1.06		50.00	355+00	R=100.00 L=97.18
515.00	514.71	512.30	2.41	2.41		50.00	356+00	L=248.79
-0.7143% 260.00M	516.22	510.70	5.52	5.52		50.00	357+00	L=248.79
519.85	519.85	520.70	0.85	0.85		50.00	358+00	L=248.79
523.88	523.88	520.00	4.12	4.12		50.00	359+00	L=248.79
527.92	527.92	532.00	4.02	4.02		50.00	360+00	L=248.79
531.96	531.96	534.00	2.04	2.04		50.00	361+00	L=248.79
534.00	534.00	536.00	1.20	1.20		50.00	362+00	L=248.79
534.05	534.05	533.40	0.65	0.65		50.00	363+00	L=248.79
532.10	532.10	532.70	0.60	0.60		50.00	364+00	L=248.79
530.16	530.16	530.80	0.64	0.64		50.00	365+00	L=248.79
528.21	528.21	528.00	0.21	0.21		50.00	366+00	L=248.79
527.15	527.15	527.20	0.05	0.05		50.00	367+00	L=248.79
527.73	527.73	527.40	0.33	0.33		50.00	368+00	L=248.79
528.64	528.64	528.00	0.64	0.64		50.00	369+00	L=248.79
529.54	529.54	530.00	0.46	0.46		50.00	370+00	L=248.79
530.45	530.45	530.00	0.45	0.45		50.00	371+00	L=248.79
531.35	531.35	531.50	0.15	0.15		50.00	372+00	L=248.79
531.01	531.01	530.00	1.01	1.01		50.00	373+00	L=248.79
530.68	530.68	530.00	0.68	0.68		50.00	374+00	L=248.79
530.34	530.34	530.10	0.24	0.24		50.00	375+00	L=248.79
530.35	530.35	530.40	0.05	0.05		50.00	376+00	L=248.79
531.43	531.43	529.80	1.63	1.63		50.00	377+00	L=248.79
532.86	532.86	534.00	1.14	1.14		50.00	378+00	L=248.79



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
534.00	534.00	534.00	0.00	0.00	0.00	0.00	0	
534.10	534.53	534.10	0.43	0.43	25.00	25.00	0+25	L=284.25
535.00	535.03	535.00	0.75	0.38	25.00	50.00	0+50	R=100.00
535.28	535.54	535.28	0.75	0.26	25.00	75.00	0+75	L=271.24
536.10	536.10	536.10	0.00	0.00	25.00	100.00	1+00	L=271.24
536.41	536.41	536.41	0.00	0.00	25.00	125.00	1+25	L=271.24
536.26	536.26	536.26	0.00	0.00	25.00	150.00	1+50	L=271.24
535.68	535.68	535.68	0.00	0.00	25.00	175.00	1+75	L=271.24
534.65	534.65	534.65	0.00	0.00	25.00	200.00	2+00	L=271.24
533.40	533.40	533.40	0.00	0.00	25.00	225.00	2+25	L=271.24
532.20	532.20	532.20	0.00	0.00	25.00	250.00	2+50	L=271.24
532.15	532.15	532.15	0.00	0.00	25.00	275.00	2+75	L=271.24
530.90	530.90	530.90	0.00	0.00	25.00	300.00	3+00	L=271.24
528.40	528.40	528.40	0.00	0.00	25.00	325.00	3+25	L=271.24
527.15	527.15	527.15	0.00	0.00	25.00	350.00	3+50	L=271.24
525.90	525.90	525.90	0.00	0.00	25.00	375.00	3+75	L=271.24
524.65	524.65	524.65	0.00	0.00	25.00	400.00	4+00	L=271.24
523.40	523.40	523.40	0.00	0.00	25.00	425.00	4+25	L=271.24
522.15	522.15	522.15	0.00	0.00	25.00	450.00	4+50	L=271.24
520.90	520.90	520.90	0.00	0.00	25.00	475.00	4+75	L=271.24
519.65	519.65	519.65	0.00	0.00	25.00	500.00	5+00	L=271.24
518.40	518.40	518.40	0.00	0.00	25.00	525.00	5+25	L=271.24
517.15	517.15	517.15	0.00	0.00	25.00	550.00	5+50	L=271.24
515.94	515.94	515.94	0.00	0.00	25.00	575.00	5+75	L=271.24
514.50	514.50	514.50	0.00	0.00	25.00	600.00	6+00	L=271.24
514.07	514.07	514.07	0.00	0.00	25.00	625.00	6+25	L=271.24
513.40	513.40	513.40	0.00	0.00	25.00	650.00	6+50	L=271.24
512.78	512.78	512.78	0.00	0.00	25.00	675.00	6+75	L=271.24
512.15	512.15	512.15	0.00	0.00	25.00	700.00	7+00	L=271.24
511.52	511.52	511.52	0.00	0.00	25.00	725.00	7+25	L=271.24
510.90	510.90	510.90	0.00	0.00	25.00	750.00	7+50	L=271.24
510.28	510.28	510.28	0.00	0.00	25.00	775.00	7+75	L=271.24
509.65	509.65	509.65	0.00	0.00	25.00	800.00	8+00	L=271.24
509.03	509.03	509.03	0.00	0.00	25.00	825.00	8+25	L=271.24
508.35	508.35	508.35	0.00	0.00	25.00	850.00	8+50	L=271.24
508.52	508.52	508.52	0.00	0.00	25.00	875.00	8+75	L=271.24
508.93	508.93	508.93	0.00	0.00	25.00	900.00	9+00	L=271.24
509.03	509.03	509.03	0.00	0.00	25.00	925.00	9+25	L=271.24
509.03	509.03	509.03	0.00	0.00	25.00	950.00	9+50	L=271.24
511.03	511.03	511.03	0.00	0.00	25.00	975.00	9+75	L=271.24
512.23	512.23	512.23	0.00	0.00	25.00	1000.00	10+00	L=271.24
513.44	513.44	513.44	0.00	0.00	25.00	1025.00	10+25	L=271.24
514.65	514.65	514.65	0.00	0.00	25.00	1050.00	10+50	L=271.24
515.85	515.85	515.85	0.00	0.00	25.00	1075.00	10+75	L=271.24
517.06	517.06	517.06	0.00	0.00	25.00	1100.00	11+00	L=271.24
518.27	518.27	518.27	0.00	0.00	25.00	1125.00	11+25	L=271.24
519.47	519.47	519.47	0.00	0.00	25.00	1150.00	11+50	L=271.24
520.58	520.58	520.58	0.00	0.00	25.00	1175.00	11+75	L=271.24
521.16	521.16	521.16	0.00	0.00	25.00	1200.00	12+00	L=271.24
521.23	521.23	521.23	0.00	0.00	25.00	1225.00	12+25	L=271.24
521.37	521.37	521.37	0.00	0.00	25.00	1250.00	12+50	L=271.24
521.45	521.45	521.45	0.00	0.00	25.00	1275.00	12+75	L=271.24
520.40	520.40	520.40	0.00	0.00	25.00	1300.00	13+00	L=271.24



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
0.318% 120.00M	521.45	520.40	1.05			25.00	12+50	L=37.16 R=60.00
521.54	521.63	521.00	0.63			25.00	12+75	L=37.16 R=60.00
522.42	521.90	521.90	0.00			25.00	13	L=37.16 R=60.00
523.51	522.60	522.60	0.00			25.00	13+25	L=37.16 R=60.00
524.61	524.00	524.00	0.00			25.00	13+50	L=37.16 R=60.00
525.71	525.70	525.70	0.00			25.00	13+75	L=37.16 R=60.00
526.81	527.00	527.00	0.00			25.00	14	L=37.16 R=60.00
527.75	529.60	529.60	0.00			25.00	14+25	L=37.16 R=60.00
528.41	531.10	531.10	0.00			25.00	14+50	L=37.16 R=60.00
528.76	531.30	531.30	0.00			25.00	14+75	L=37.16 R=60.00
528.82	529.60	529.60	0.00			25.00	15	L=37.16 R=60.00
528.73	529.00	529.00	0.00			25.00	15+25	L=37.16 R=60.00
528.64	528.10	528.10	0.00			25.00	15+50	L=37.16 R=60.00
528.55	525.40	525.40	0.00			25.00	15+75	L=37.16 R=60.00
528.45	527.00	527.00	0.00			25.00	16	L=37.16 R=60.00
528.36	524.80	524.80	0.00			25.00	16+25	L=37.16 R=60.00
528.27	528.00	528.00	0.00			25.00	16+50	L=37.16 R=60.00
528.18	527.80	527.80	0.00			25.00	16+75	L=37.16 R=60.00
528.09	527.50	527.50	0.00			25.00	17	L=37.16 R=60.00
528.00	528.00	528.00	0.00			25.00	17+25	L=37.16 R=60.00
527.91	528.00	528.00	0.00			25.00	17+50	L=37.16 R=60.00
527.82	528.60	528.60	0.00			25.00	17+75	L=37.16 R=60.00
527.73	528.40	528.40	0.00			25.00	18	L=37.16 R=60.00
527.64	528.60	528.60	0.00			25.00	18+25	L=37.16 R=60.00
527.55	528.00	528.00	0.00			25.00	18+50	L=37.16 R=60.00
527.45	528.60	528.60	0.00			25.00	18+75	L=37.16 R=60.00
527.36	527.30	527.30	0.00			25.00	19	L=37.16 R=60.00
527.27	527.00	527.00	0.00			25.00	19+25	L=37.16 R=60.00
527.16	526.40	526.40	0.00			25.00	19+50	L=37.16 R=60.00
527.04	526.30	526.30	0.00			25.00	19+75	L=37.16 R=60.00
526.92	526.00	526.00	0.00			25.00	20	L=37.16 R=60.00
526.80	527.00	527.00	0.00			25.00	20+25	L=37.16 R=60.00
526.68	527.30	527.30	0.00			25.00	20+50	L=37.16 R=60.00
526.56	527.45	527.45	0.00			25.00	20+75	L=37.16 R=60.00
526.44	527.30	527.30	0.00			25.00	21	L=37.16 R=60.00
526.32	527.70	527.70	0.00			25.00	21+25	L=37.16 R=60.00
526.20	528.00	528.00	0.00			25.00	21+50	L=37.16 R=60.00
526.08	527.00	527.00	0.00			25.00	21+75	L=37.16 R=60.00
525.96	519.00	519.00	0.00			25.00	22	L=37.16 R=60.00
525.84	518.00	518.00	0.00			25.00	22+25	L=37.16 R=60.00
525.72	517.60	517.60	0.00			25.00	22+50	L=37.16 R=60.00
525.60	517.30	517.30	0.00			25.00	22+75	L=37.16 R=60.00
525.48	516.60	516.60	0.00			25.00	23	L=37.16 R=60.00
525.36	516.00	516.00	0.00			25.00	23+25	L=37.16 R=60.00
525.24	514.90	514.90	0.00			25.00	23+50	L=37.16 R=60.00
525.12	514.10	514.10	0.00			25.00	23+75	L=37.16 R=60.00
525.00	514.00	514.00	0.00			25.00	24	L=37.16 R=60.00
524.88	514.60	514.60	0.00			25.00	24+25	L=37.16 R=60.00
524.76	515.30	515.30	0.00			25.00	24+50	L=37.16 R=60.00
524.64	517.00	517.00	0.00			25.00	24+75	L=37.16 R=60.00
524.52	518.00	518.00	0.00			25.00	25	L=37.16 R=60.00
524.40	517.30	517.30	0.00			25.00	25+25	L=37.16 R=60.00
524.28	517.20	517.20	0.00			25.00	25+50	L=37.16 R=60.00
524.16	518.80	518.80	0.00			25.00	25+75	L=37.16 R=60.00
524.04	515.50	515.50	0.00			25.00	26	L=37.16 R=60.00

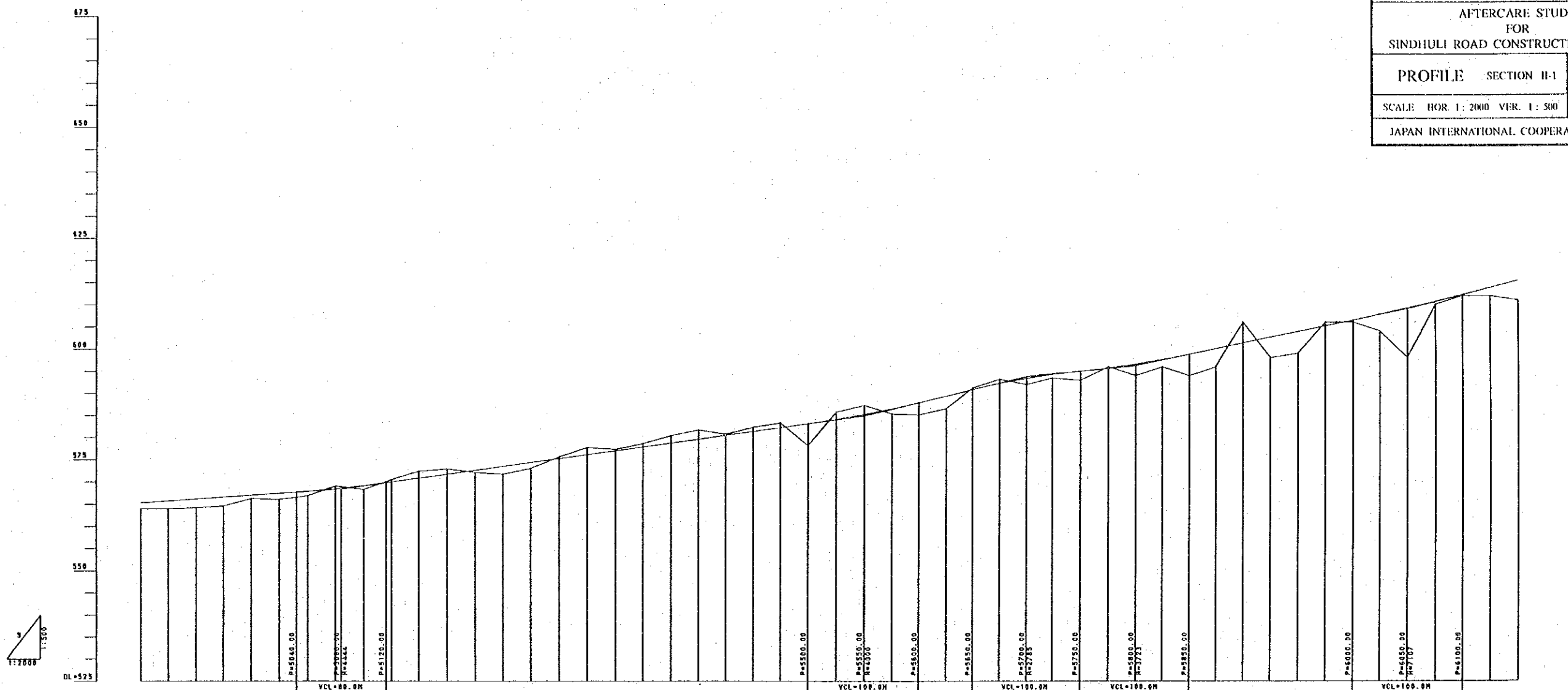


GRADE	+1.3282% 600.00M										+1.3800% 280.00M										+1.3800% 480.00M																										
PROPOSED HEIGHT	547.02	547.35	547.68	548.01	548.34	548.67	549.00	549.33	549.66	550.00	550.33	550.66	551.00	551.32	551.65	551.98	552.31	552.64	553.00	553.46	554.08	554.62	555.24	555.87	556.49	557.12	557.74	558.37	558.99	559.59	560.14	560.64	561.09	561.54	561.94	562.37	562.79	563.22	563.64	564.07	564.49	564.92	565.34				
GROUND HEIGHT	548.20	545.50	543.90	542.90	548.00	549.48	550.50	549.20	546.30	545.80	550.50	550.60	550.60	551.20	546.00	555.60	552.31	549.70	549.50	548.80	551.40	553.20	550.10	552.24	552.60	560.10	558.08	558.08	558.00	558.00	562.10	560.48	560.20	561.70	564.10	564.10	560.60	560.40	560.00	562.10	563.40	563.40	564.10	564.00	564.00		
CUTTING DEPTH	1.18					0.73	1.68	0.13	3.26	4.20	0.17				5.65	3.62	2.19	2.94	3.50	4.66	2.60	1.42	5.14	3.87	3.61	0.88	0.26	0.03		1.96	0.24	0.97	0.18	2.18	1.73												
EMBANKMENT HEIGHT	1.85	3.78	5.11	0.34																																											
ACCUMULATED DISTANCE																																															
DISTANCE	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00	25.00		
STATION	38+50	38+75	39	39+25	39+50	39+75	40	40+25	40+50	40+75	41	41+25	41+50	41+75	42	42+25	42+50	42+75	43	43+25	43+50	43+75	44	44+25	44+50	44+75	45	45+25	45+50	45+75	46	46+25	46+50	46+75	47	47+25	47+50	48	48+25	48+50	48+75	49	49	49	49		
CURVE ELEMENT	L=49.66 R=48.88										L=22.41 R=25.67										L=100.00 R=100.00																										

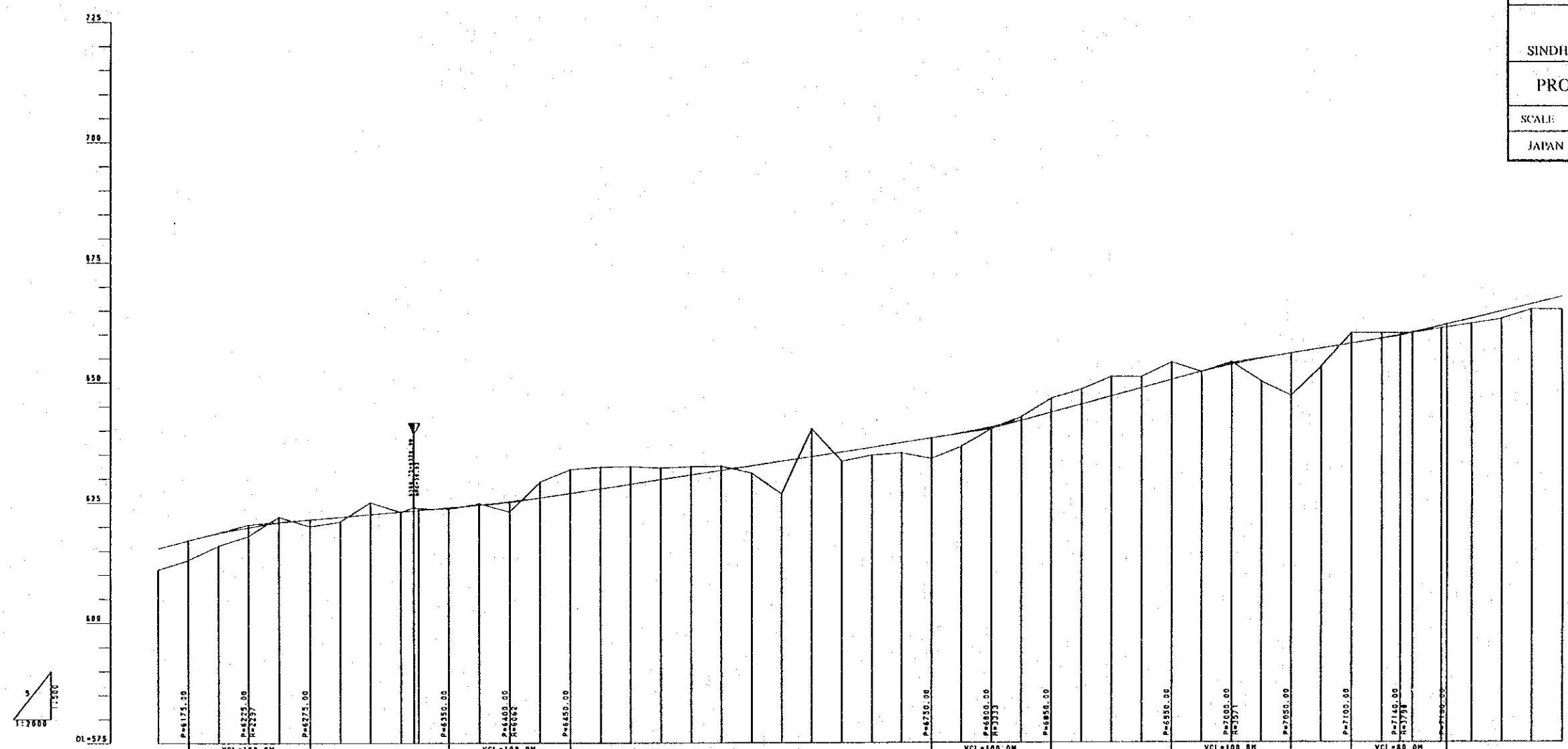
HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

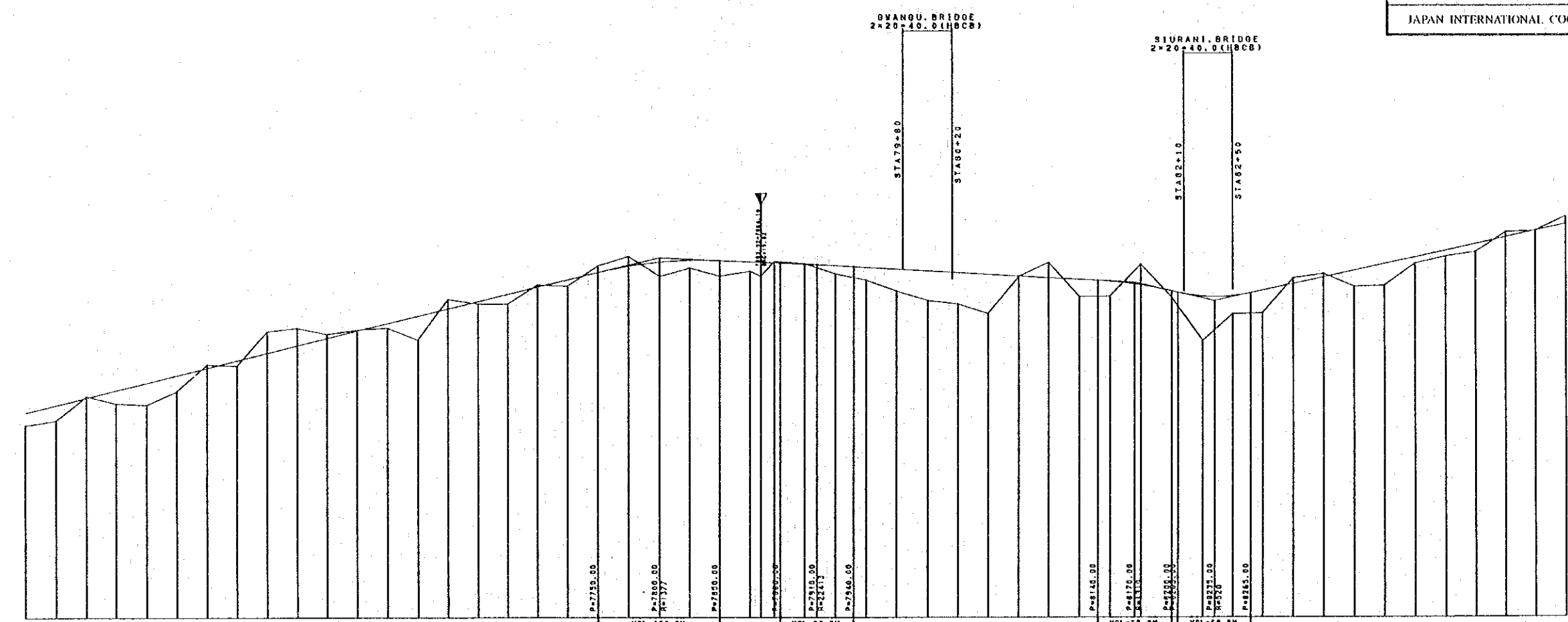
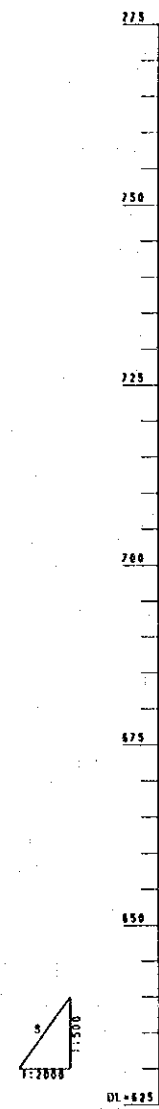
PROFILE SECTION II-1	SHEET NO. B - 36
SCALE HOR. 1: 2000 VER. 1: 500	DATE
JAPAN INTERNATIONAL COOPERATION AGENCY	



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
	565.34	564.00		1.34		25.00	49	L=78.08 R=140.00
	565.76	564.00		1.76		25.00	49+25	L=78.08 R=140.00
	566.19	564.20		1.99		25.00	49+50	L=78.08 R=140.00
	566.62	564.50		2.02		25.00	49+75	L=78.08 R=140.00
	567.04	566.30		0.74		25.00	50	L=78.08 R=140.00
	567.47	566.10		1.37		25.00	50+25	L=78.08 R=140.00
	567.90	566.30		1.00		25.00	50+50	L=78.08 R=140.00
	568.48	569.10	0.65			25.00	50+75	L=78.08 R=140.00
	569.15	568.30		0.85		25.00	51	L=78.08 R=140.00
	569.98	570.50	0.52			25.00	51+25	L=78.08 R=140.00
	570.85	572.40	1.55			25.00	51+50	L=78.08 R=140.00
	571.73	572.90	1.18			25.00	51+75	L=78.08 R=140.00
	572.60	572.10		0.50		25.00	52	L=78.08 R=140.00
	573.48	571.70		1.77		25.00	52+25	L=78.08 R=140.00
	574.35	573.00		1.35		25.00	52+50	L=78.08 R=140.00
	575.23	575.60	0.37			25.00	52+75	L=78.08 R=140.00
	576.10	577.70	1.60			25.00	53	L=78.08 R=140.00
	576.98	577.38	0.32			25.00	53+25	L=78.08 R=140.00
	577.85	578.60	0.75			25.00	53+50	L=78.08 R=140.00
	578.73	580.40	1.68			25.00	53+75	L=78.08 R=140.00
	579.60	581.70	2.10			25.00	54	L=78.08 R=140.00
	580.48	580.70		0.22		25.00	54+25	L=78.08 R=140.00
	581.35	582.30	0.95			25.00	54+50	L=78.08 R=140.00
	582.23	583.30	1.07			25.00	54+75	L=78.08 R=140.00
	583.10	578.10		5.00		25.00	55	L=78.08 R=140.00
	584.05	585.70	1.65			25.00	55+25	L=78.08 R=140.00
	584.93	587.20	2.24			25.00	55+50	L=78.08 R=140.00
	585.81	588.30	1.49			25.00	55+75	L=78.08 R=140.00
	586.69	589.35	1.66			25.00	56	L=78.08 R=140.00
	587.57	589.10	0.53			25.00	56+25	L=78.08 R=140.00
	588.45	588.50		0.05		25.00	56+50	L=78.08 R=140.00
	589.33	591.20	1.87			25.00	56+75	L=78.08 R=140.00
	590.21	592.24	1.03			25.00	57	L=78.08 R=140.00
	591.09	592.00		0.91		25.00	57+25	L=78.08 R=140.00
	591.97	593.40	1.43			25.00	57+50	L=78.08 R=140.00
	592.85	593.50		0.65		25.00	57+75	L=78.08 R=140.00
	593.73	595.05	1.32			25.00	58	L=78.08 R=140.00
	594.61	596.00	1.39			25.00	58+25	L=78.08 R=140.00
	595.49	596.00		0.51		25.00	58+50	L=78.08 R=140.00
	596.37	600.00	3.63			25.00	58+75	L=78.08 R=140.00
	597.25	606.00	6.75			25.00	59	L=78.08 R=140.00
	598.13	606.00		0.87		25.00	59+25	L=78.08 R=140.00
	599.01	609.10	0.11			25.00	59+50	L=78.08 R=140.00
	599.89	610.00	0.11			25.00	59+75	L=78.08 R=140.00
	600.77	612.00	1.23			25.00	60	L=78.08 R=140.00
	601.65	612.00		0.35		25.00	60+25	L=78.08 R=140.00
	602.53	612.00		0.47		25.00	60+50	L=78.08 R=140.00
	603.41	611.00		0.89		25.00	60+75	L=78.08 R=140.00
	604.29	611.00		0.71		25.00	61	L=78.08 R=140.00
	605.17	615.30	4.13			25.00	61+25	L=78.08 R=140.00
	606.05	615.30		0.90		25.00	61+50	L=78.08 R=140.00

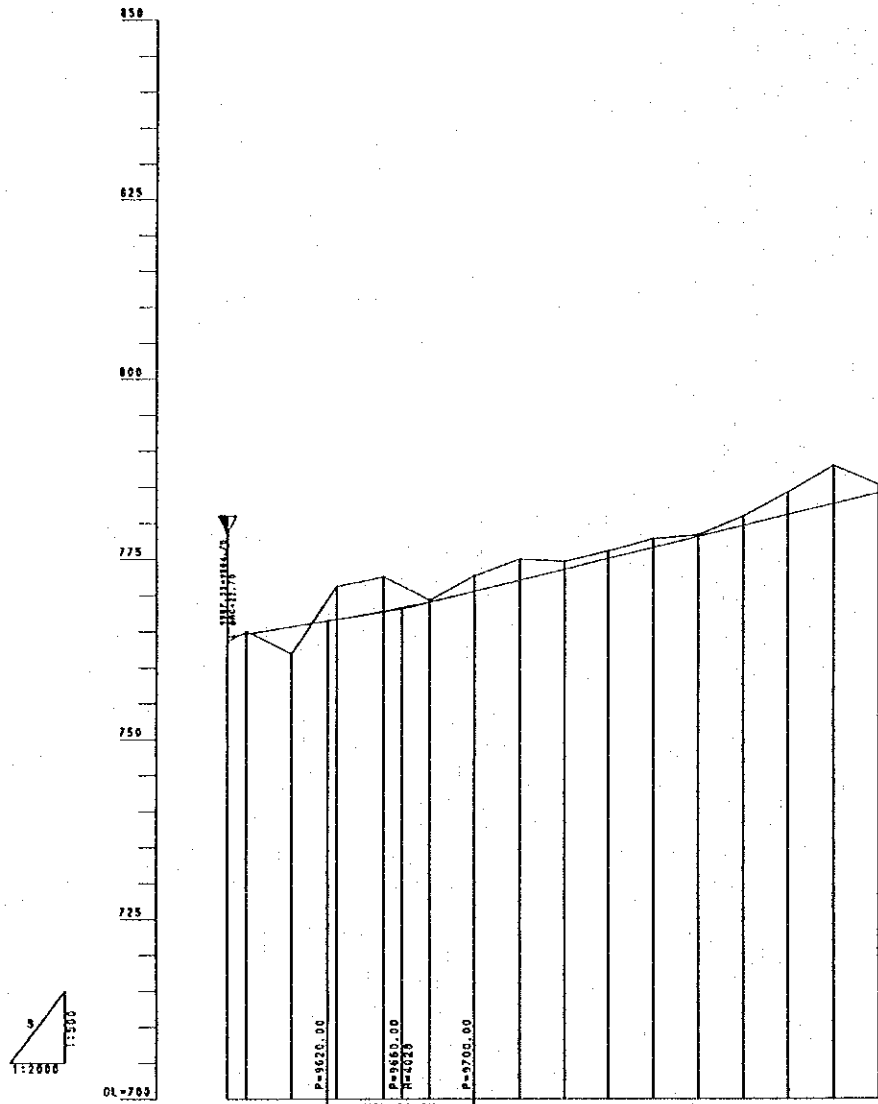


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
+4.5023% 175.00H	615.50	611.00	4.50			25.00	61+00	L=111.83
	617.13	613.00	4.13			25.00	61+25	
	618.62	616.00	2.62			25.00	62	
	619.84	618.00	1.84			25.00	62+25	
	620.78	622.00	1.22			25.00	62+50	
	621.48	620.00	1.48			25.00	62+75	
	621.99	621.00	0.99			25.00	63	
	622.53	625.00	2.47			25.00	63+25	
	623.07	623.00	0.07			25.00	63+50	
	623.58	625.00	1.42			25.00	63+75	
	624.51	623.80	0.71			25.00	64	
	625.21	623.00	2.21			25.00	64+25	
	626.00	625.20	0.80			25.00	64+50	
	626.85	631.80	4.90			25.00	64+75	
	628.80	632.30	4.45			25.00	65	
	629.75	632.40	3.60			25.00	65+25	
	631.65	632.10	0.45			25.00	65+50	
	632.60	632.40	0.20			25.00	65+75	
	633.55	632.50	1.05			25.00	66	
	634.50	631.10	3.40			25.00	66+25	
	635.45	626.80	6.65			25.00	66+50	
	636.40	630.30	6.10			25.00	66+75	
	637.35	633.50	3.85			25.00	67	
	638.30	634.00	4.30			25.00	67+25	
	639.34	636.50	2.84			25.00	67+50	
	640.58	640.20	0.38			25.00	68	
	641.99	642.70	0.70			25.00	68+25	
	643.60	646.52	2.92			25.00	68+50	
	645.30	648.41	3.11			25.00	68+75	
	647.00	651.00	4.00			25.00	69	
	648.70	651.00	2.30			25.00	69+25	
	650.40	654.00	3.60			25.00	69+50	
	652.01	652.00	0.01			25.00	69+75	
	653.45	654.00	0.55			25.00	70	
	654.71	650.00	4.71			25.00	70+25	
	655.00	647.00	8.00			25.00	70+50	
	655.80	653.00	2.80			25.00	70+75	
	657.90	650.00	7.90			25.00	71	
	658.08	650.00	8.08			25.00	71+25	
	659.40	650.00	9.40			25.00	71+50	
	661.54	651.00	10.54			25.00	71+75	
	663.08	652.00	11.08			25.00	72	
	664.39	653.00	11.39			25.00	72+25	
	666.12	655.00	11.12			25.00	72+50	
	667.54	655.00	12.54			25.00	72+75	

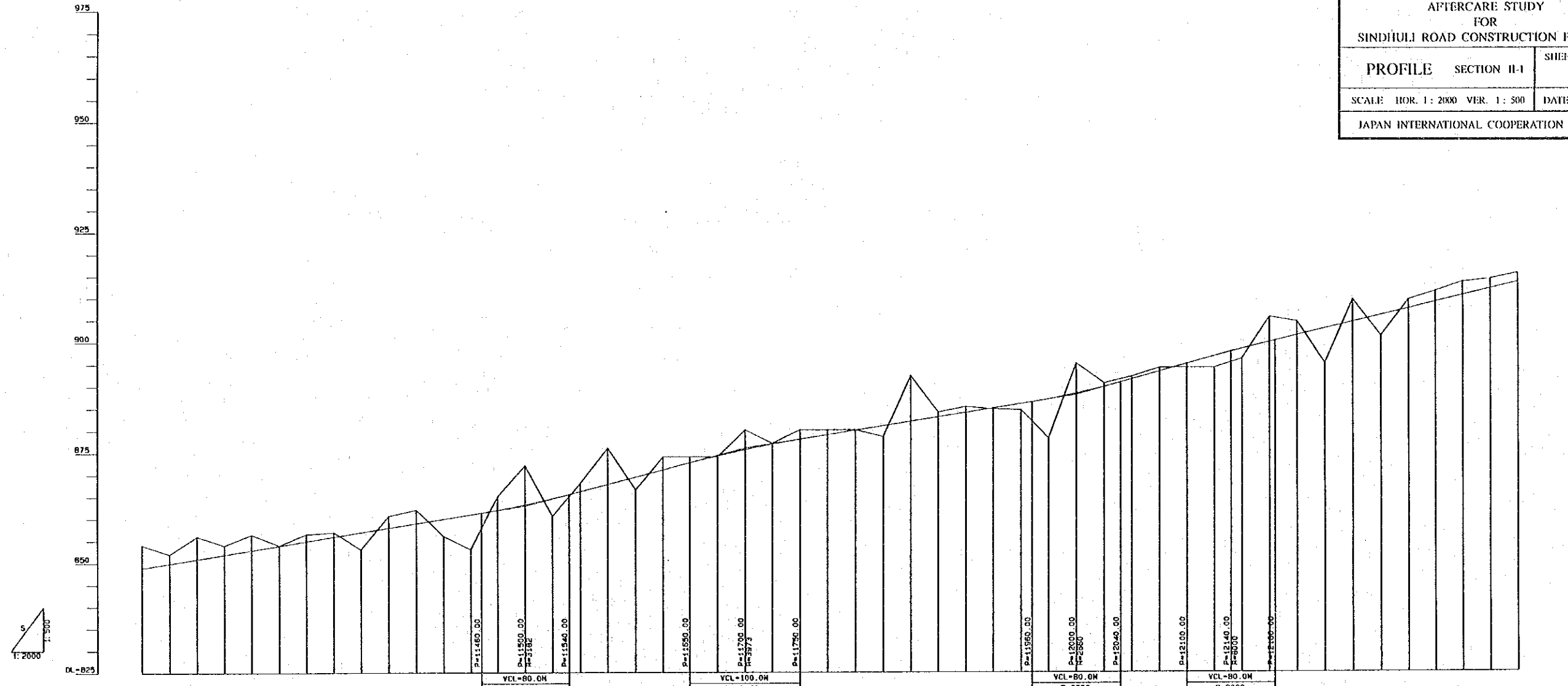


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
+5.1081% 660.00M	687.64	665.00	2.84	2.84		25.00	72+75	R=88.00 L=69.82
	689.17	666.00	3.17	3.17		25.00	73	
	670.70	671.00	0.30			25.00	73+25	
	672.22	669.50	2.72	2.72		25.00	73+50	R=88.00 L=69.82
	673.75	668.20	4.55	4.55		25.00	73+75	R=88.00 L=69.82
	675.28	672.00	3.28	3.28		25.00	74	R=88.00 L=69.82
	676.80	677.50	0.70			25.00	74+25	R=88.00 L=69.82
	678.33	677.20	1.13	1.13		25.00	74+50	R=88.00 L=69.82
	679.86	684.20	4.44	4.44		25.00	74+75	R=88.00 L=69.82
	681.38	685.00	3.62	3.62		25.00	75	R=88.00 L=69.82
	682.91	683.70	0.79	0.79		25.00	75+25	R=88.00 L=69.82
	684.43	684.60	0.16	0.16		25.00	75+50	R=88.00 L=69.82
	685.96	685.00	0.96	0.96		25.00	75+75	R=88.00 L=69.82
	687.49	682.20	4.99	4.99		25.00	76	R=88.00 L=69.82
	689.01	691.00	1.99	1.99		25.00	76+25	R=88.00 L=69.82
	690.54	690.00	0.54	0.54		25.00	76+50	R=88.00 L=69.82
	692.07	690.00	2.07	2.07		25.00	76+75	R=88.00 L=69.82
	693.59	694.00	0.41	0.41		25.00	77	R=88.00 L=69.82
	695.12	693.80	1.32	1.32		25.00	77+25	R=88.00 L=69.82
	696.65	698.00	1.35	1.35		25.00	77+50	R=88.00 L=69.82
	697.95	700.00	2.05	2.05		25.00	77+75	R=88.00 L=69.82
	698.79	695.80	2.99	2.99		25.00	78	R=88.00 L=69.82
	699.19	697.60	1.56	1.56		25.00	78+25	R=88.00 L=69.82
	699.12	695.96	3.22	3.22		25.00	78+50	R=88.00 L=69.82
	699.82	696.90	1.93	1.93		25.00	78+75	R=88.00 L=69.82
	699.73	695.80	2.93	2.93		10.90	78+85.92	R=88.00 L=69.82
	699.60	698.90	0.30	0.30		25.00	78+75	R=88.00 L=69.82
	699.31	698.40	0.91	0.91		25.00	79	R=88.00 L=69.82
	697.98	696.30	1.68	1.68		25.00	79+25	R=88.00 L=69.82
	697.63	695.00	2.63	2.63		25.00	79+50	R=88.00 L=69.82
	697.27	692.70	4.57	4.57		25.00	79+75	R=88.00 L=69.82
	696.92	690.70	6.22	6.22		25.00	80	R=88.00 L=69.82
	696.56	690.00	6.56	6.56		25.00	80+25	R=88.00 L=69.82
	696.21	698.00	0.21	0.21		25.00	80+50	R=88.00 L=69.82
	695.85	695.80	0.05	0.05		25.00	80+75	R=88.00 L=69.82
	695.50	698.70	3.20	3.20		25.00	81	R=88.00 L=69.82
	695.14	691.50	3.64	3.64		25.00	81+25	R=88.00 L=69.82
	694.75	691.60	3.15	3.15		25.00	81+50	R=88.00 L=69.82
	693.96	698.30	4.34	4.34		25.00	81+75	R=88.00 L=69.82
	692.70	691.30	1.40	1.40		25.00	82	R=88.00 L=69.82
	691.58	692.20	0.62	0.62		25.00	82+25	R=88.00 L=69.82
	691.65	697.90	3.75	3.75		25.00	82+50	R=88.00 L=69.82
	692.81	698.00	4.81	4.81		25.00	82+75	R=88.00 L=69.82
	694.20	695.40	1.21	1.21		25.00	83	R=88.00 L=69.82
	695.58	696.30	0.72	0.72		25.00	83+25	R=88.00 L=69.82
	696.96	693.68	3.36	3.36		25.00	83+50	R=88.00 L=69.82
	698.34	693.80	4.54	4.54		25.00	83+75	R=88.00 L=69.82
	699.73	698.48	1.25	1.25		25.00	84	R=88.00 L=69.82
	701.11	699.98	1.21	1.21		25.00	84+25	R=88.00 L=69.82
	702.48	700.88	1.60	1.60		25.00	84+50	R=88.00 L=69.82
	703.87	704.30	0.43	0.43		25.00	84+75	R=88.00 L=69.82
	705.26	705.20	0.06	0.06		25.00	85	R=88.00 L=69.82
	706.64	708.20	1.56	1.56		25.00	85+25	R=88.00 L=69.82

ROAD MARKING



GRADE	+0.0000% 640.00M	
PROPOSED HEIGHT	764.26	764.67
GROUND HEIGHT	765.00	765.00
CUTTING DEPTH	0.33	0.33
EMBANKMENT HEIGHT	0.66	3.77
ACCUMULATED DISTANCE		
DISTANCE	12.53	10.25
STATION	95+75	96+25
CURVE ELEMENT	R=28.00 L=12.00	R=38.00 L=25.00



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
+3.9960% 500.00M	848.89	854.10	5.21			25.00	111+50	L=61.33 R=20.00 L=51.16
	849.89	852.00	2.11			25.00	111+75	
	850.89	856.00	5.11			25.00	112	
	851.89	854.00	2.11			25.00	112+25	L=61.33 R=20.00 L=51.16
	852.89	856.40	3.51			25.00	112+50	
	853.89	854.00	0.11			25.00	112+75	
	854.89	856.50	1.61			25.00	113	
	855.89	856.90	1.01	3.89		25.00	113+25	L=87.92
	856.89	853.00	3.89			25.00	113+50	
	857.89	860.50	2.71			25.00	113+75	
	858.89	862.00	3.12			25.00	114	L=49.34 R=100.00 L=33.09
	859.89	866.00	3.68			25.00	114+25	
	860.89	863.00	7.89			25.00	114+50	
	861.89	865.00	3.08	4.05		25.00	114+75	
	863.13	872.00	8.87			25.00	115	
	864.35	860.50	4.05			25.00	115+25	
	865.14	868.00	1.86	2.89		25.00	115+50	
	867.75	876.00	8.24			25.00	115+75	
	869.38	866.50	2.89			25.00	116	
	871.02	874.00	2.98			25.00	116+25	
	872.65	874.00	1.35	0.19		25.00	116+50	
	874.19	874.00	0.19			25.00	116+75	
	875.59	880.00	4.41			25.00	117	
	876.82	877.00	0.18			25.00	117+25	
	877.90	890.00	2.10			25.00	117+50	
	878.89	890.00	1.11			25.00	117+75	
	879.89	890.00	0.11			25.00	118	
	890.89	878.50	2.35			25.00	118+25	
	891.89	892.20	10.31			25.00	118+50	
	892.89	884.00	1.11			25.00	118+75	
	893.89	895.20	1.31			25.00	119	
	894.86	894.70	0.16			25.00	119+25	
	895.88	894.50	1.38			25.00	119+50	
	896.92	878.00	8.92			25.00	119+75	
	898.10	895.00	6.82			25.00	120	
	899.67	890.50	0.83			25.00	120+25	
	899.78	892.00	0.82			25.00	120+50	
	900.28	894.00	0.97			25.00	120+75	
	901.28	894.00	0.88			25.00	121	
	902.78	894.00	2.89			25.00	121+25	
	904.28	896.00	2.22			25.00	121+50	
	905.78	905.40	3.62			25.00	121+75	
	907.28	904.40	3.12			25.00	122	
	908.78	894.90	5.02	7.88		25.00	122+25	
	910.28	909.30	3.12			25.00	122+50	
	911.78	901.10	5.02	4.88		25.00	122+75	
	913.28	909.30	2.02			25.00	123	
	914.78	911.20	2.42			25.00	123+25	
	916.28	913.30	3.02			25.00	123+50	
	917.78	914.00	2.22			25.00	123+75	
	919.28	915.30	2.02			25.00	124	

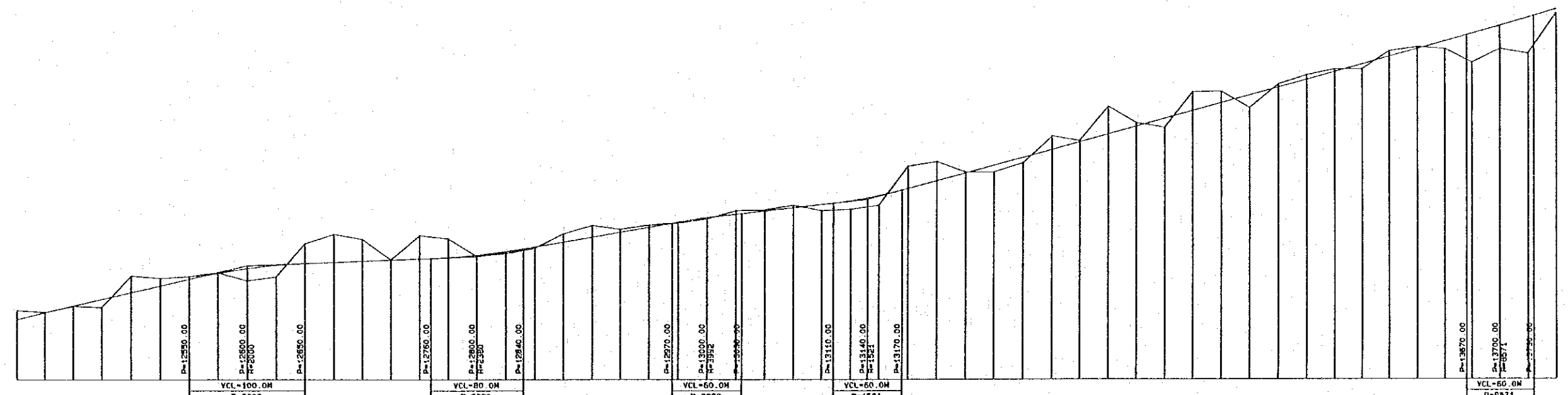
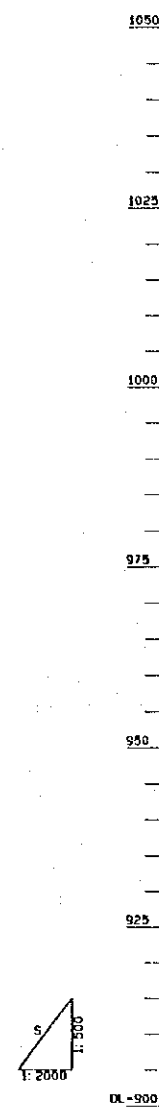
HIS MAJESTY'S GOVERNMENT OF NEPAL
 MINISTRY OF WORKS AND TRANSPORT
 DEPARTMENT OF ROADS

AFTERCARE STUDY
 FOR
 SINDHULI ROAD CONSTRUCTION PROJECT

PROFILE SECTION II-1
 SHEET NO.
 B - 43

SCALE HORIZ. 1: 2000 VER. 1: 500 DATE

JAPAN INTERNATIONAL COOPERATION AGENCY



	GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
	16.0000% 450.00M	913.28	913.30	2.02			25.00	124	L=42.73 R=40.00
		914.78	914.90	0.12			25.00	124+25	L=28.46 R=40.00
		916.28	916.20		0.08		25.00	124+50	
		917.78	916.00		1.78		25.00	124+75	
		919.28	923.00	3.72			25.00	125	L=35.45 R=25.60
		920.78	922.50	1.72			25.00	125+25	L=45.00 R=41.40
		922.28	922.50	0.62			25.00	125+50	L=34.20 R=30.00
		923.62	923.70	0.08			25.00	125+75	L=78.00 R=78.00
		924.62	922.00		2.65		25.00	126	L=31.38 R=30.00
		925.37	922.80		2.57		25.00	126+25	L=28.90 R=28.90
		925.78	925.78				25.00	126+50	L=30.00 R=30.00
		926.03	926.30	6.27			25.00	126+75	L=81.03
		926.28	931.20	4.92			25.00	127	L=54.14 R=30.00
		926.53	926.50	0.07			25.00	127+25	L=97.06 R=97.06
		926.78	922.00	5.22			25.00	127+50	L=62.17 R=62.17
		927.08	931.30	4.22			25.00	127+75	L=59.58
		927.62	927.40		0.22		25.00	128	L=54.14 R=30.00
		928.42	928.00		0.42		25.00	128+25	L=30.00 R=30.00
		928.48	929.20		0.26		25.00	128+50	L=68.26 R=68.26
		928.55	922.43	1.88			25.00	128+75	L=97.06 R=97.06
		929.35	934.25	2.61			25.00	129	L=54.14 R=30.00
		931.64	933.42	0.69			25.00	129+25	L=62.17 R=62.17
		932.73	934.35	0.53			25.00	129+50	L=59.58
		933.82	934.78		0.13		25.00	129+75	L=67.48 R=180.00
		934.91	935.69		0.20		25.00	130	L=59.58
		935.69	937.50	0.79			25.00	130+25	L=67.48 R=180.00
		936.71	937.43	0.27			25.00	130+50	L=59.58
		937.43	939.14				25.00	130+75	L=59.58
		938.14	937.50		1.36		25.00	131	L=59.58
		938.96	937.80		1.84		25.00	131+25	L=59.58
		939.64	939.70		2.11		25.00	131+50	L=59.58
		940.81	947.30	4.92			25.00	132	L=49.25
		942.30	946.30	4.22			25.00	132+25	L=59.58
		944.08	946.00		1.48		25.00	132+50	L=59.58
		945.78	946.00		1.18		25.00	132+75	L=59.58
		947.48	946.00		1.48		25.00	133	L=49.25
		949.18	946.00		1.18		25.00	133+25	L=59.58
		950.88	953.90	3.02			25.00	133+50	L=59.58
		952.28	952.90	0.32			25.00	133+75	L=59.58
		954.28	960.37	6.09			25.00	134	L=59.58
		955.98	956.75	0.77			25.00	134+25	L=59.58
		957.58	955.75		1.93		25.00	134+50	L=59.58
		959.38	963.50	4.12			25.00	134+75	L=59.58
		961.08	963.50	2.52			25.00	135	L=107.94
		962.78	960.00		2.78		25.00	135+25	L=59.58
		964.48	965.20	0.72			25.00	135+50	L=59.58
		966.18	967.20	1.02			25.00	136	L=59.58
		967.88	966.50	0.62			25.00	136+25	L=59.58
		969.58	960.50		1.08		25.00	136+50	L=59.58
		971.28	975.50	1.22			25.00	137	L=59.58
		972.98	973.40	0.42			25.00	137+25	L=59.58
		974.68	973.02		1.66		25.00	138	L=59.58
		976.38	970.00		6.38		25.00	138+25	L=59.58
		978.13	973.00		5.13		25.00	139	L=59.58
		979.88	972.00		7.88		25.00	139+25	L=59.58
		981.63	981.00		0.63		25.00	140	L=59.58

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PROFILE SECTION II-1

SCALE HOR. 1: 2000 VER. 1: 500

JAPAN INTERNATIONAL COOPERATION AGENCY

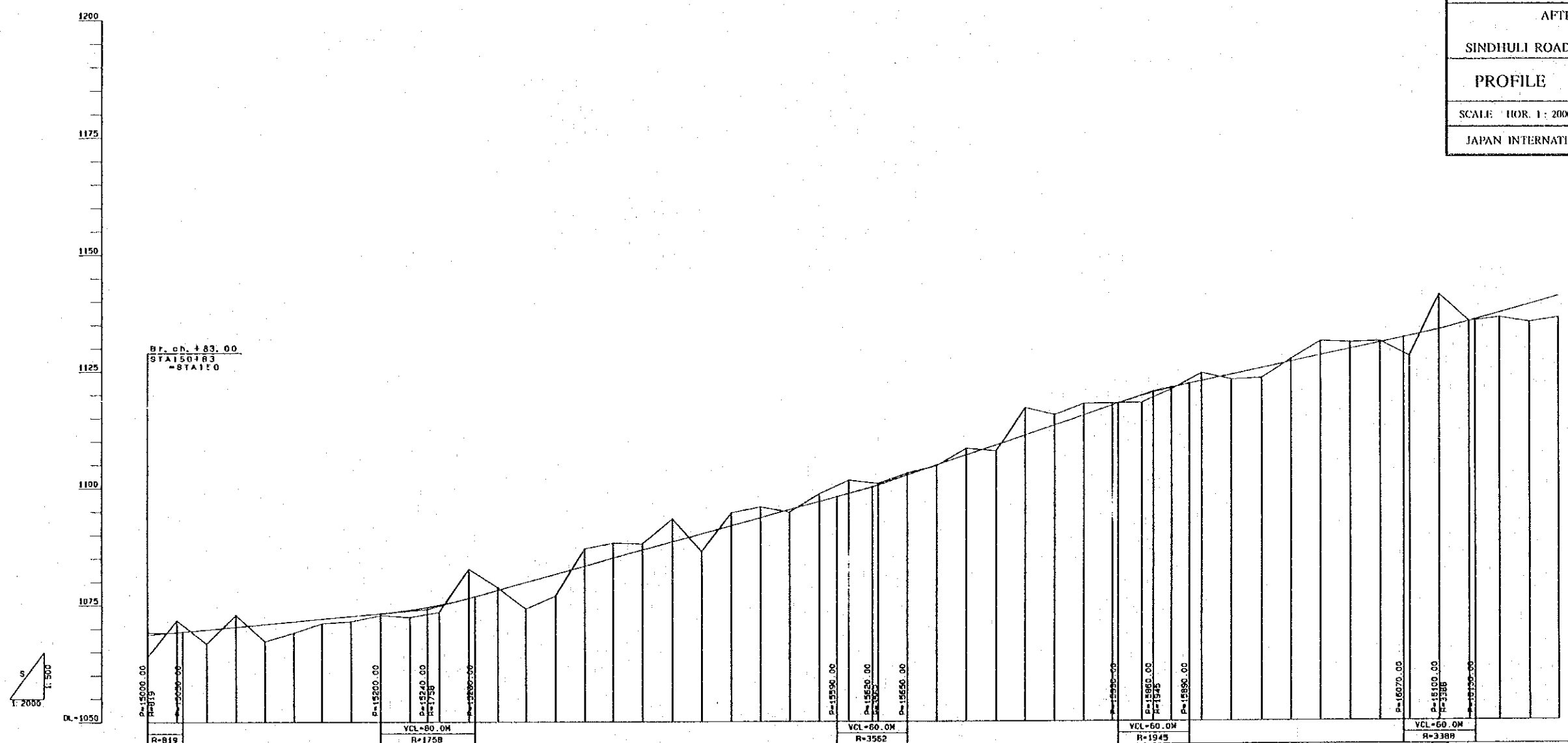
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SHEET NO.
 B-44

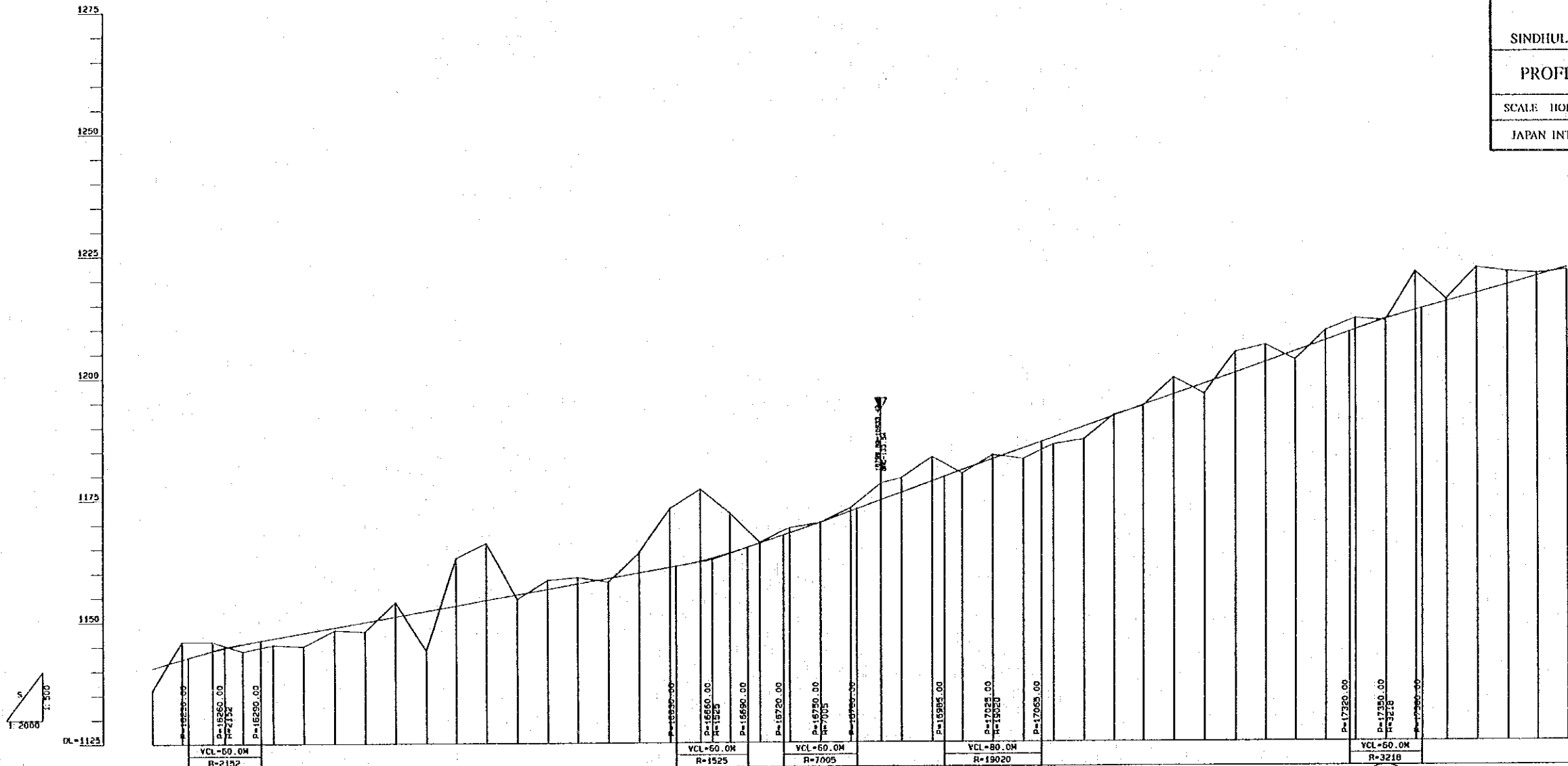
DATE



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
7.5000% 300.00H	981.83	981.00	0.83			25.00	137+50	L=46.31 R=19.81 L=27.87
	983.71	984.00	0.29			25.00	137+75	L=38.31
	985.58	986.00	0.42			25.00	138	L=38.31
	987.46	988.50	1.04			25.00	138+25	L=89.86
	989.33	986.50	2.83			25.00	138+50	L=33.60
	991.21	988.70	2.51			25.00	138+75	L=42.84
	993.08	994.75	1.68			25.00	139	L=11.88
	994.96	998.25	3.30			25.00	139+25	L=11.88
	996.83	981.43	5.46			25.00	139+50	L=11.88
	998.70	998.33	0.37			25.00	139+75	L=11.88
	1000.58	997.20	3.38			25.00	140	L=11.88
	1002.46	1001.81	0.65			25.00	140+25	L=11.88
	1004.33	996.47	4.87			25.00	140+50	L=11.88
	1006.21	1008.00	1.79			25.00	140+75	L=11.88
	1008.08	990.00	11.08			25.00	141	L=11.88
	1009.96	1004.40	5.56			25.00	141+25	L=11.88
	1011.83	1003.21	8.62			25.00	141+50	L=11.88
	1013.71	1006.00	7.71			25.00	141+75	L=11.88
	1015.58	1008.00	7.58			25.00	142	L=11.88
	1017.46	1009.65	7.81			25.00	142+25	L=11.88
	1019.33	1011.05	8.28			25.00	142+50	L=11.88
	1021.21	1012.94	8.27			25.00	142+75	L=11.88
	1023.08	1014.11	8.97			25.00	143	L=11.88
	1024.96	1016.43	8.53			25.00	143+25	L=11.88
	1026.83	1018.47	8.36			25.00	143+50	L=11.88
	1028.71	1020.35	8.36			25.00	143+75	L=11.88
	1030.58	1022.24	8.34			25.00	144	L=11.88
	1032.46	1024.12	8.34			25.00	144+25	L=11.88
	1034.33	1025.85	8.48			25.00	144+50	L=11.88
	1036.21	1027.95	8.26			25.00	144+75	L=11.88
	1038.08	1029.77	8.31			25.00	145	L=11.88
	1039.96	1031.65	8.31			25.00	145+25	L=11.88
	1041.83	1033.54	8.29			25.00	145+50	L=11.88
	1043.71	1035.42	8.29			25.00	145+75	L=11.88
	1045.58	1037.30	8.28			25.00	146	L=11.88
	1047.46	1039.19	8.27			25.00	146+25	L=11.88
	1049.33	1041.07	8.26			25.00	146+50	L=11.88
	1051.21	1042.95	8.26			25.00	146+75	L=11.88
	1053.08	1044.84	8.24			25.00	147	L=11.88
	1054.96	1046.72	8.24			25.00	147+25	L=11.88
	1056.83	1048.61	8.22			25.00	147+50	L=11.88
	1058.71	1050.49	8.22			25.00	147+75	L=11.88
	1060.58	1052.37	8.26			25.00	148	L=11.88
	1062.46	1054.25	8.21			25.00	148+25	L=11.88
	1064.33	1056.12	8.21			25.00	148+50	L=11.88
	1066.21	1057.99	8.22			25.00	148+75	L=11.88
	1068.08	1059.85	8.23			25.00	149	L=11.88
	1069.96	1061.74	8.22			25.00	149+25	L=11.88
	1071.83	1063.61	8.22			25.00	149+50	L=11.88
	1073.71	1065.49	8.22			25.00	149+75	L=11.88
	1075.58	1067.37	8.21			25.00	150	L=11.88
	1077.46	1069.25	8.21			25.00	150+25	L=11.88
	1079.33	1071.12	8.21			25.00	150+50	L=11.88
	1081.21	1072.99	8.22			25.00	150+75	L=11.88
	1083.08	1074.87	8.24			25.00	150+85	L=11.88



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
1068.96	1069.21	1063.90	5.31			25.00	150	L=42.55 R=20.00
+2.265%	1069.25	1071.80	2.55	2.99		25.00	150+25	L=40.11
	1069.79	1066.80	2.99	3.63		25.00	150+50	L=30.55 R=20.00
	1070.38	1072.90	2.54	2.39		25.00	150+75	L=30.55 R=20.00
	1070.93	1067.30	3.63	0.96		25.00	151	L=31.14.06
	1071.45	1069.10	2.39	1.13		25.00	151+25	L=31.14.06
	1072.06	1071.10	0.96	0.39		25.00	151+50	L=31.14.06
	1072.63	1071.50	1.13	1.54		25.00	151+75	L=31.14.06
	1073.19	1072.80	0.39	1.54		25.00	152	L=31.14.06
	1073.94	1072.40	1.54	1.54		25.00	152+25	L=31.14.06
	1075.04	1073.50	1.54	6.20		25.00	152+50	L=31.14.06
	1076.50	1072.70	3.80	0.62		25.00	152+75	L=31.14.06
	1078.19	1078.81	0.62	5.69		25.00	153	L=31.14.06
	1079.89	1074.20	5.69	4.61		25.00	153+25	L=31.14.06
	1081.50	1076.99	4.51	3.82		25.00	153+50	L=31.14.06
	1083.30	1087.00	3.70	0.53		25.00	153+75	L=31.14.06
	1085.01	1088.20	3.19	3.19		25.00	154	L=31.14.06
	1086.71	1088.00	1.29	3.82		25.00	154+25	L=31.14.06
	1088.41	1093.30	4.89	3.82		25.00	154+50	L=31.14.06
	1090.12	1086.30	3.82	3.82		25.00	154+75	L=31.14.06
	1091.82	1094.60	2.78	3.82		25.00	155	L=31.14.06
	1093.53	1095.80	2.27	0.53		25.00	155+25	L=31.14.06
	1095.23	1094.70	0.53	0.53		25.00	155+50	L=31.14.06
	1096.93	1098.60	1.67	3.82		25.00	155+75	L=31.14.06
	1098.65	1101.50	2.85	3.82		25.00	156	L=31.14.06
	1100.32	1100.80	0.48	3.82		25.00	156+25	L=31.14.06
	1102.00	1103.00	1.00	3.82		25.00	156+50	L=31.14.06
	1103.65	1104.50	0.85	3.82		25.00	156+75	L=31.14.06
	1105.35	1108.20	3.43	3.82		25.00	157	L=31.14.06
	1107.00	1107.70	0.30	3.82		25.00	157+25	L=31.14.06
	1108.65	1116.90	8.25	3.82		25.00	157+50	L=31.14.06
	1110.30	1115.40	4.10	3.82		25.00	157+75	L=31.14.06
	1111.95	1117.90	6.00	3.82		25.00	158	L=31.14.06
	1113.60	1117.00	3.40	3.82		25.00	158+25	L=31.14.06
	1115.25	1118.00	2.75	3.82		25.00	158+50	L=31.14.06
	1116.90	1120.80	3.90	3.82		25.00	158+75	L=31.14.06
	1118.55	1124.30	5.75	3.82		25.00	159	L=31.14.06
	1120.20	1122.57	2.37	3.82		25.00	159+25	L=31.14.06
	1121.85	1119.45	2.40	3.82		25.00	159+50	L=31.14.06
	1123.50	1122.92	0.58	3.82		25.00	159+75	L=31.14.06
	1125.15	1123.20	1.95	3.82		25.00	160	L=31.14.06
	1126.80	1127.20	0.40	3.82		25.00	160+25	L=31.14.06
	1128.45	1131.00	2.55	3.82		25.00	160+50	L=31.14.06
	1130.10	1130.80	0.70	3.82		25.00	160+75	L=31.14.06
	1131.75	1131.00	0.75	3.82		25.00	161	L=31.14.06
	1133.40	1140.90	6.50	3.82		25.00	161+25	L=31.14.06
	1135.05	1135.20	0.15	3.82		25.00	161+50	L=31.14.06
	1136.70	1136.00	0.70	3.82		25.00	161+75	L=31.14.06
	1138.35	1136.00	2.35	3.82		25.00	162	L=31.14.06
	1140.00	1136.00	4.00	3.82		25.00		L=31.14.06



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	CUTTING DEPTH	EMBANKMENT HEIGHT	ACCUMULATED DISTANCE	DISTANCE	STATION	CURVE ELEMENT
+7.1875% 160.00M	1140.39	1136.00	4.39			25.00	162	L=14.76 R=30.00
+7.1875% 160.00M	1142.38	1146.00	3.62			25.00	162+25	L=33.34 R=30.00
+7.1875% 160.00M	1144.09	1146.00	1.91			25.00	162+50	L=33.34 R=30.00
+7.1875% 160.00M	1145.31	1144.00	1.31			25.00	162+75	L=33.34 R=30.00
+7.1875% 160.00M	1146.86	1145.30	1.56			25.00	163	L=33.34 R=30.00
+7.1875% 160.00M	1147.76	1145.00	2.76			25.00	163+25	L=33.34 R=30.00
+7.1875% 160.00M	1148.96	1148.30	0.66			25.00	163+50	L=33.34 R=30.00
+7.1875% 160.00M	1149.96	1149.00	0.96			25.00	163+75	L=33.34 R=30.00
+7.1875% 160.00M	1151.06	1154.00	2.94			25.00	164	L=33.34 R=30.00
+7.1875% 160.00M	1152.16	1144.00	8.16			25.00	164+25	L=33.34 R=30.00
+7.1875% 160.00M	1153.26	1153.00	0.26			25.00	164+50	L=33.34 R=30.00
+7.1875% 160.00M	1154.36	1154.00	0.36			25.00	164+75	L=33.34 R=30.00
+7.1875% 160.00M	1155.46	1154.50	0.96			25.00	165	L=33.34 R=30.00
+7.1875% 160.00M	1156.56	1158.40	1.84			25.00	165+25	L=33.34 R=30.00
+7.1875% 160.00M	1157.66	1159.00	1.34			25.00	165+50	L=33.34 R=30.00
+7.1875% 160.00M	1158.76	1159.00	0.24			25.00	165+75	L=33.34 R=30.00
+7.1875% 160.00M	1159.86	1164.00	4.14			25.00	166	L=33.34 R=30.00
+7.1875% 160.00M	1160.96	1173.00	12.04			25.00	166+25	L=33.34 R=30.00
+7.1875% 160.00M	1162.19	1177.00	14.81			25.00	166+50	L=33.34 R=30.00
+7.1875% 160.00M	1163.62	1172.00	8.37			25.00	166+75	L=33.34 R=30.00
+7.1875% 160.00M	1165.83	1166.00	0.17			25.00	167	L=33.34 R=30.00
+7.1875% 160.00M	1167.92	1169.00	1.08			25.00	167+25	L=33.34 R=30.00
+7.1875% 160.00M	1170.05	1170.00	0.05			25.00	167+50	L=33.34 R=30.00
+7.1875% 160.00M	1172.30	1173.00	0.70			25.00	167+75	L=33.34 R=30.00
+7.1875% 160.00M	1174.56	1178.00	3.44			24.88	167+99.88	L=33.34 R=30.00
+7.1875% 160.00M	1176.11	1179.10	2.99			16.38	169+50	L=33.34 R=30.00
+7.1875% 160.00M	1178.41	1183.40	4.99			25.00	169+75	L=33.34 R=30.00
+7.1875% 160.00M	1180.69	1180.00	0.69			25.00	170	L=33.34 R=30.00
+7.1875% 160.00M	1182.96	1183.80	0.84			25.00	170+25	L=33.34 R=30.00
+7.1875% 160.00M	1185.10	1183.00	2.10			25.00	170+50	L=33.34 R=30.00
+7.1875% 160.00M	1187.36	1186.00	1.36			25.00	170+75	L=33.34 R=30.00
+7.1875% 160.00M	1189.58	1187.00	2.58			25.00	171	L=33.34 R=30.00
+7.1875% 160.00M	1191.77	1192.00	0.23			25.00	171+25	L=33.34 R=30.00
+7.1875% 160.00M	1193.95	1193.00	0.95			25.00	171+50	L=33.34 R=30.00
+7.1875% 160.00M	1196.15	1199.60	3.45			25.00	171+75	L=33.34 R=30.00
+7.1875% 160.00M	1198.35	1196.30	2.05			25.00	172	L=33.34 R=30.00
+7.1875% 160.00M	1200.54	1204.80	4.26			25.00	172+25	L=33.34 R=30.00
+7.1875% 160.00M	1202.73	1206.30	3.57			25.00	172+50	L=33.34 R=30.00
+7.1875% 160.00M	1204.92	1203.20	1.72			25.00	172+75	L=33.34 R=30.00
+7.1875% 160.00M	1207.12	1209.20	2.08			25.00	173	L=33.34 R=30.00
+7.1875% 160.00M	1209.31	1211.60	2.29			25.00	173+25	L=33.34 R=30.00
+7.1875% 160.00M	1211.50	1211.20	0.30			25.00	173+50	L=33.34 R=30.00
+7.1875% 160.00M	1213.73	1221.10	7.37			25.00	173+75	L=33.34 R=30.00
+7.1875% 160.00M	1215.95	1215.50	0.45			25.00	174	L=33.34 R=30.00
+7.1875% 160.00M	1218.18	1221.90	3.72			25.00	174+25	L=33.34 R=30.00
+7.1875% 160.00M	1220.40	1221.10	0.70			25.00	174+50	L=33.34 R=30.00
+7.1875% 160.00M	1222.66	1220.70	1.96			25.00	174+75	L=33.34 R=30.00
+7.1875% 160.00M	1224.96	1221.40	3.56			25.00	175	L=33.34 R=30.00

