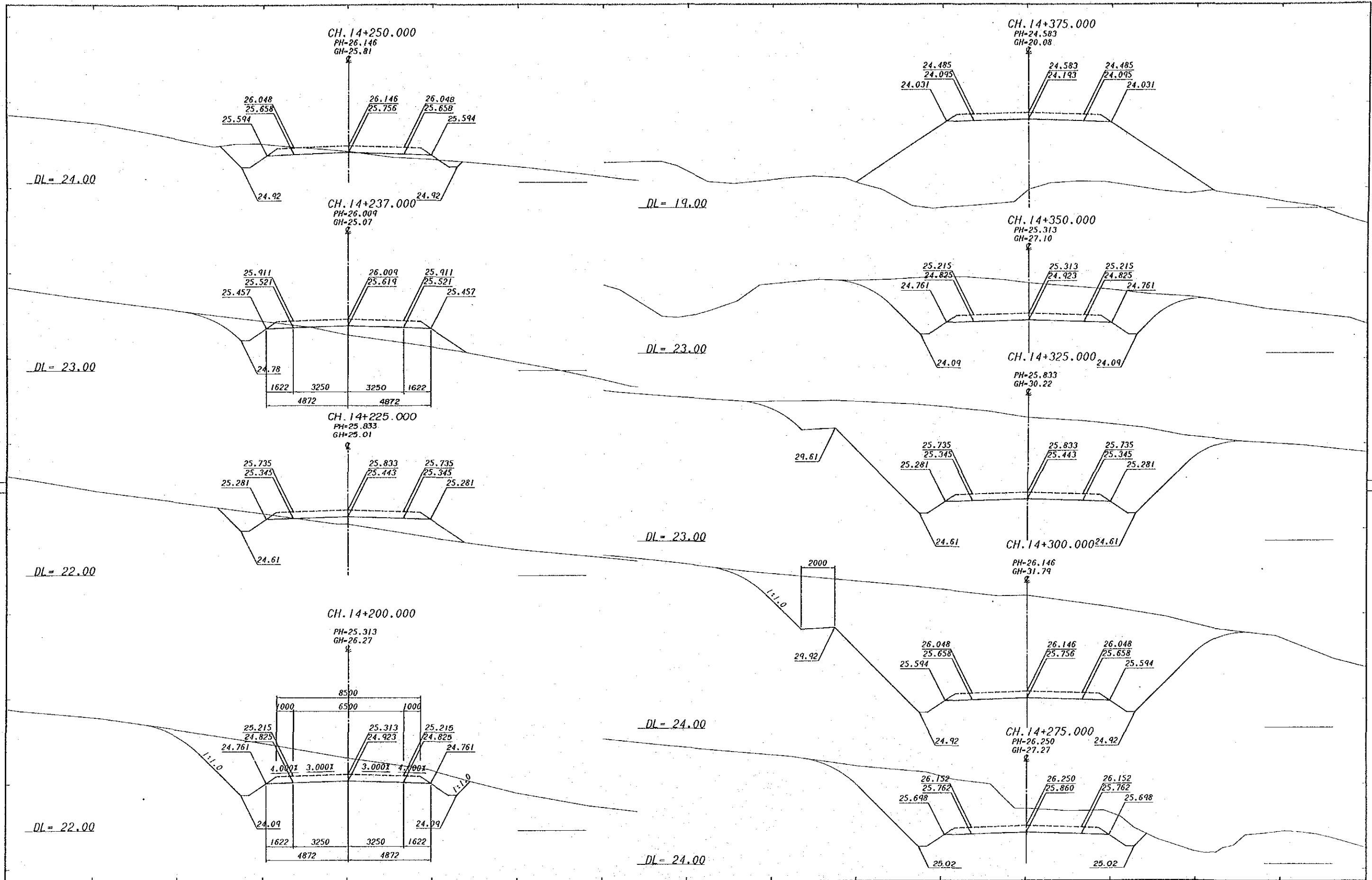
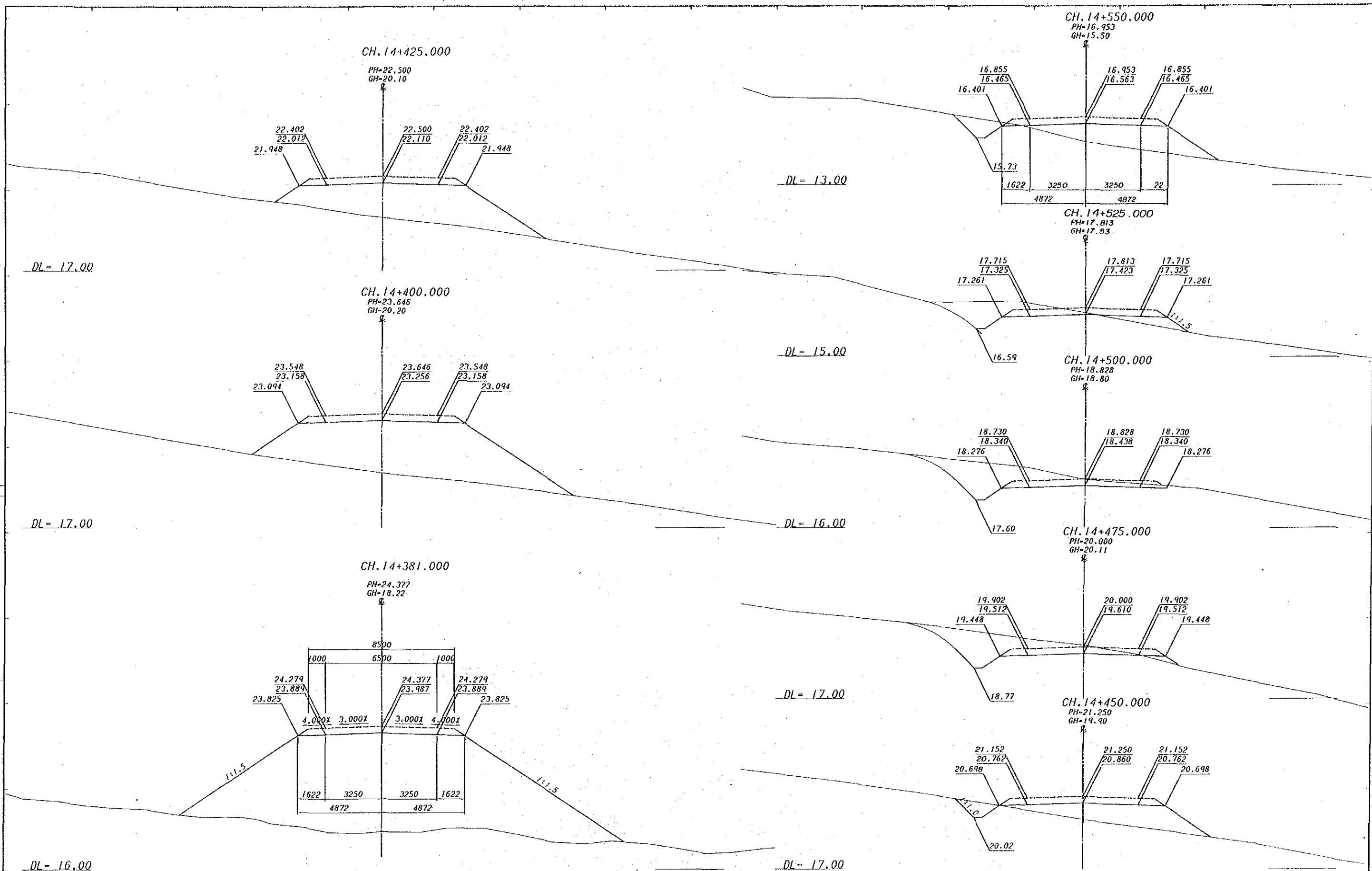


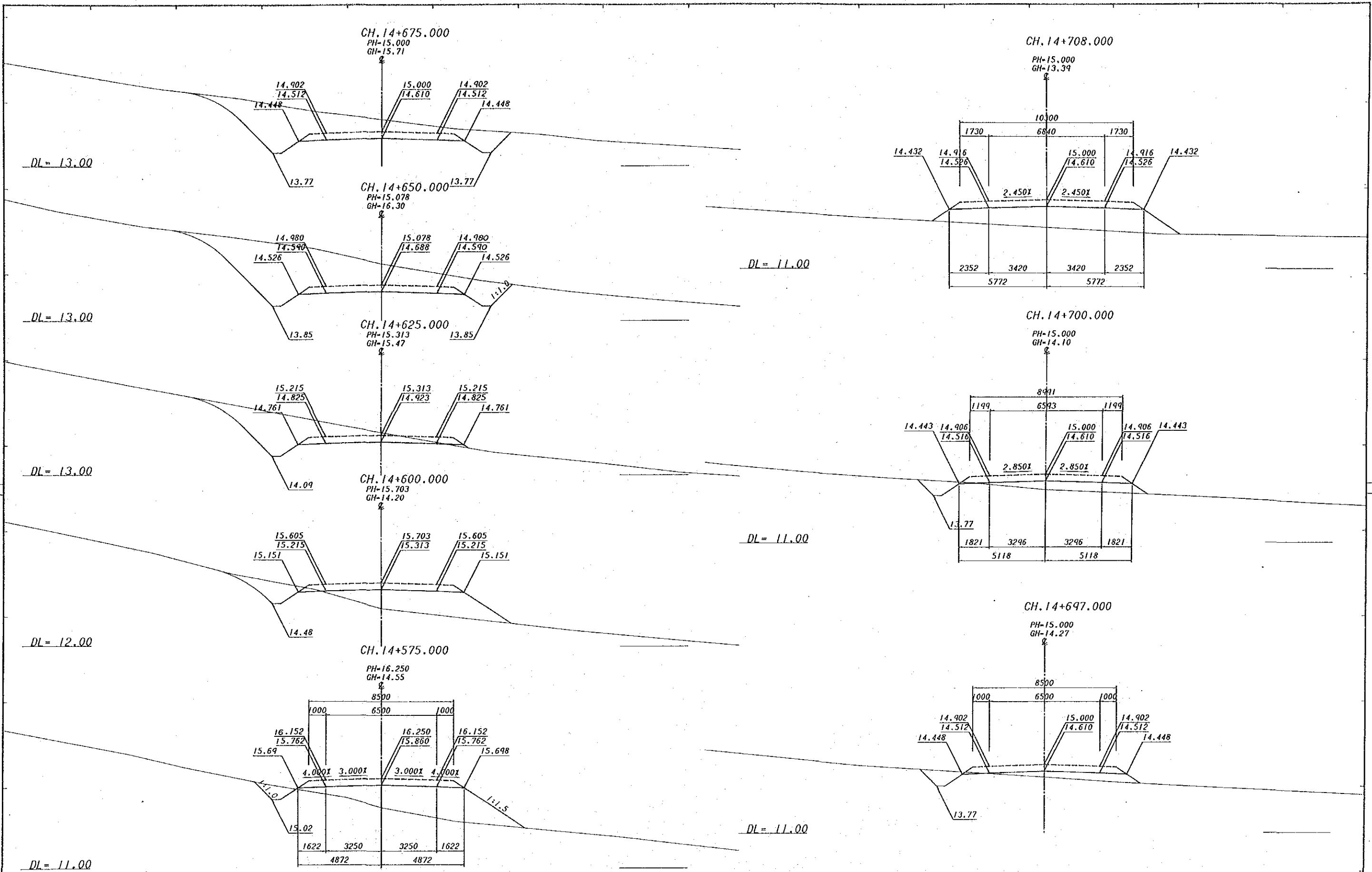
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							JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K.E.		L. K. K. / P. M. M.		HORIZONTAL & VERTICAL 1:100		TRANS-ISLAND HIGHWAY BERENA-MALALAU SECTION	
							VERTICAL DATUM MEAN SEA LEVEL		J. J. J.		C. E. C.		APPROVED 24.10.89				CROSS SECTIONS	
							HORIZONTAL DATUM		25 Sep. 1989		A. M. J.		F. S. S.				CH. 13 + 975 — CH. 14 + 175	
							SURVEY BOOK No. 8		Principal		Executive Engineer		Secretary		SHEET 158 OF 281		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
									Date						PROJECT No. S.C. 120-33-814/A		DRAWING No. A1/ 87916	



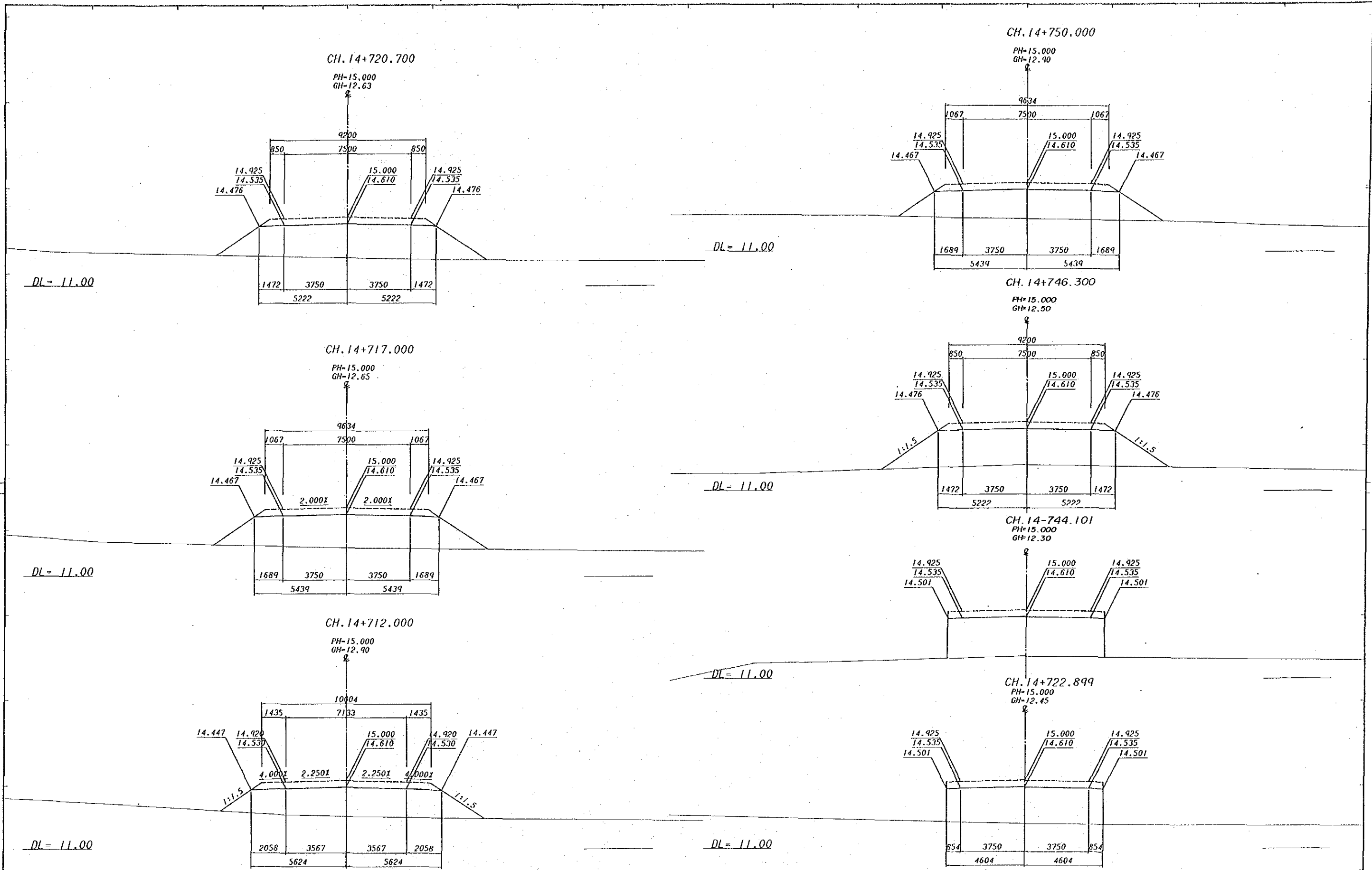
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							VERTICAL DATUM MEAN SEA LEVEL.		JAPAN INTERNATIONAL CO-OPERATION AGENCY		CHECKED		PRINCIPAL ENGINEER		SHEET 159 OF 281		PROJECT No. S.C.120-33-814/A		CROSS SECTIONS	
							HORIZONTAL DATUM		25 Sep. 1989		DESIGNED		APPROVED		CH. 14 + 200		CH. 14 + 375		PAPUA NEW GUINEA	
							SURVEY BOOK NO.		Date		CHECKED		SECRETARY		DEPARTMENT OF WORKS		DRAWING No.		REV	
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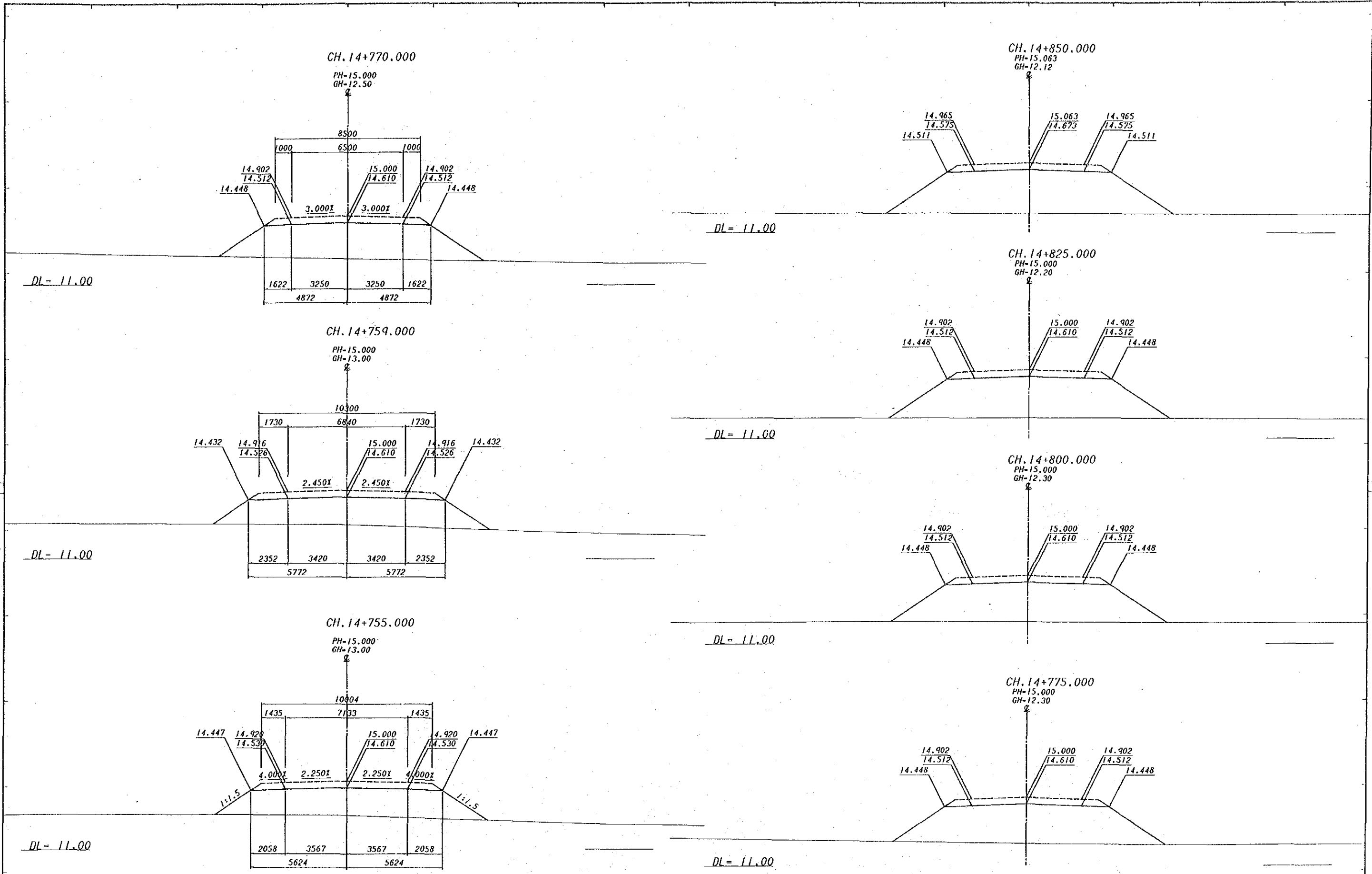
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VERTICAL DATUM MEAN SEA LEVEL		J. Yudhis		A. M. J. K.		APPROVED 24.10.19		SHEET 160 OF 281		CH. 14 + 381 — CH. 14 + 550	
HORIZONTAL DATUM		25 Sep. 1969		P. K. K.		F. S. S.		PROJECT No. S.C. 120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
SURVEY BOOK No. S		Date		EXECUTIVE ENGINEER		SECRETARY		DRAWING No. A1/ 87918		REV.	
AMENDMENTS		BY APP'D DATE									



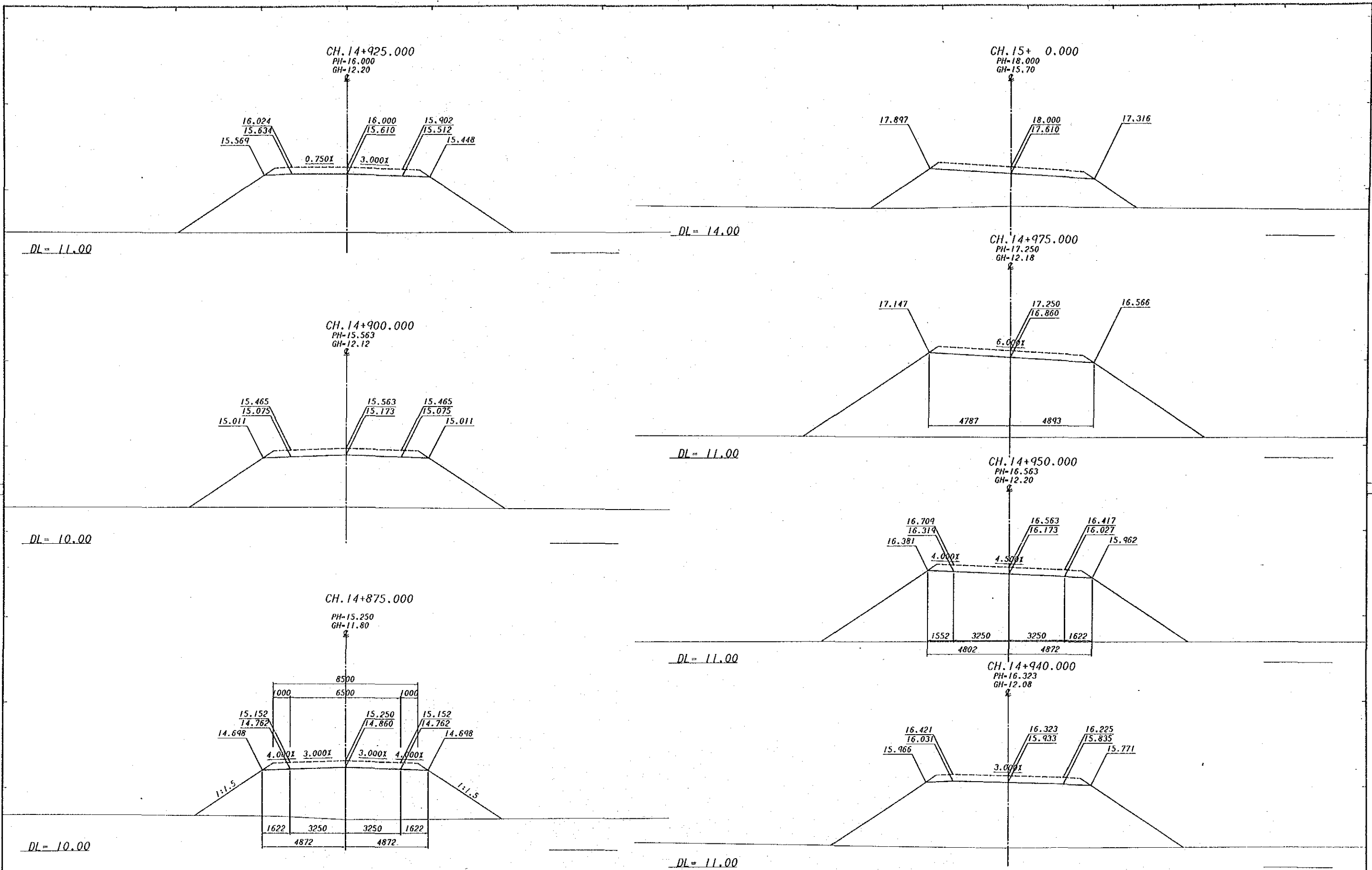
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					VERTICAL DATUM MEAN SEA LEVEL		CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	CROSS SECTIONS		
					HORIZONTAL DATUM		DESIGNED <i>[Signature]</i>	24.10.89	CH. 14 + 575 — CH. 14 + 708		
					SURVEY BOOK NO.	Principal <i>[Signature]</i>	CHECKED <i>[Signature]</i>	SECRETARY	SHEET 161 OF 281	PROJECT No. S.C.120-33-814/A	DRAWING No. A1/ 87919
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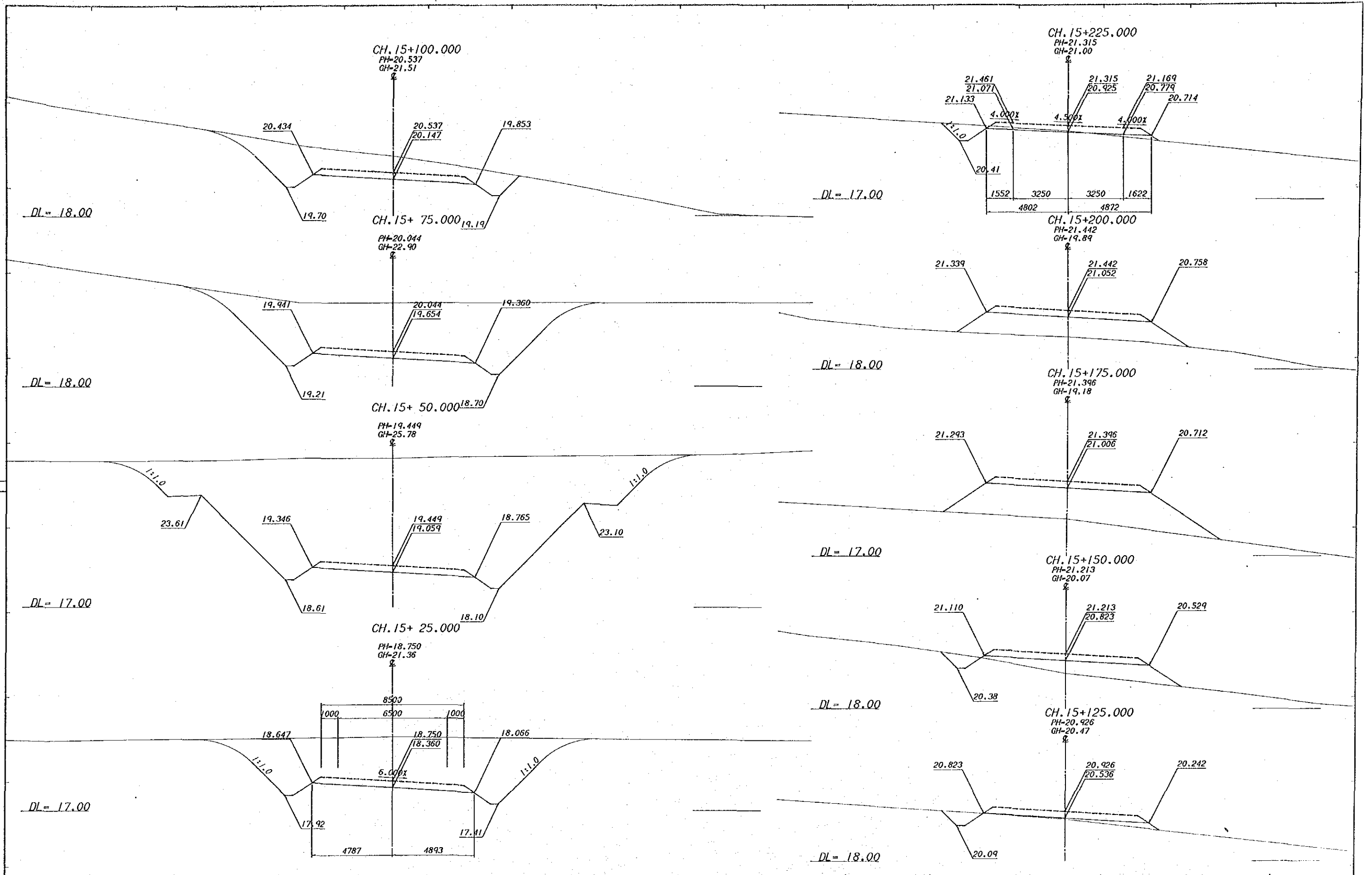
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Date		25 Sep. 1989		Checked		APPROVED 24.10.89		SHEET 162 OF 281		CROSS SECTIONS	
VERTICAL DATUM MEAN SEA LEVEL		Principal		Designed		Principal ENGINEER		PROJECT No. S.C. 120-33-811/A		CH. 14 + 712 — CH. 14 + 750	
HORIZONTAL DATUM		Date		Checked		EXECUTIVE ENGINEER		DRAWING No.		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
SURVEY BOOK NRS		25 Sep. 1989		Checked		SECRETARY		SHEET 162 OF 281		A1/ 87920	
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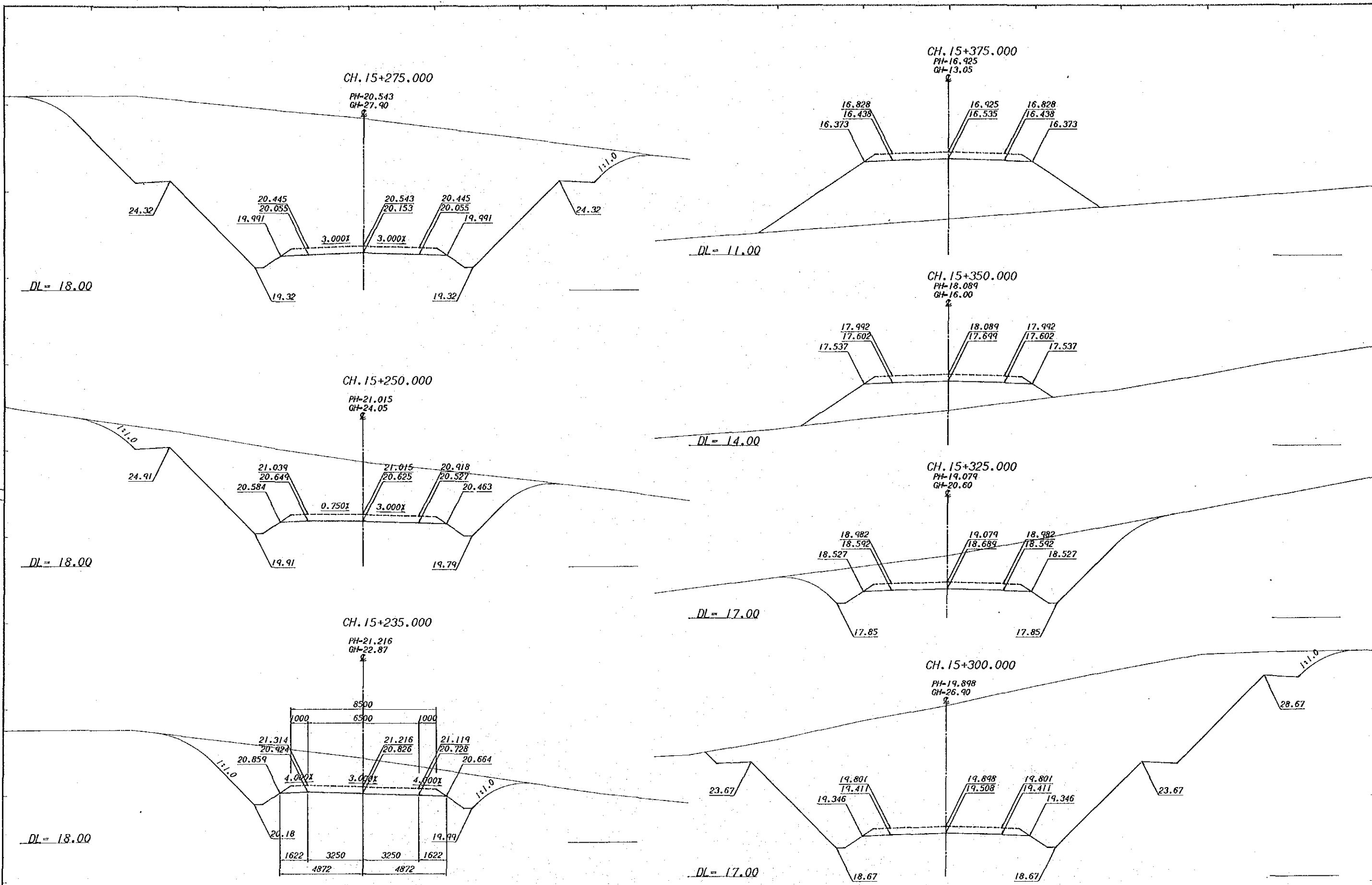
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HORIZONTAL DATUM		Date		DESIGNED A. Magaki		APPROVED [Signature]		CROSS SECTIONS	
SURVEY BOOK NO.		Date		CHECKED [Signature]		EXECUTIVE ENGINEER [Signature]		CH. 14 + 755 — CH. 14 + 850	
REV.	AMENDMENTS	BY	APP'D	DATE	SHEET 163 OF 281		PROJECT No. S.C.120-33-814/A		DRAWING No. A1/ 87921
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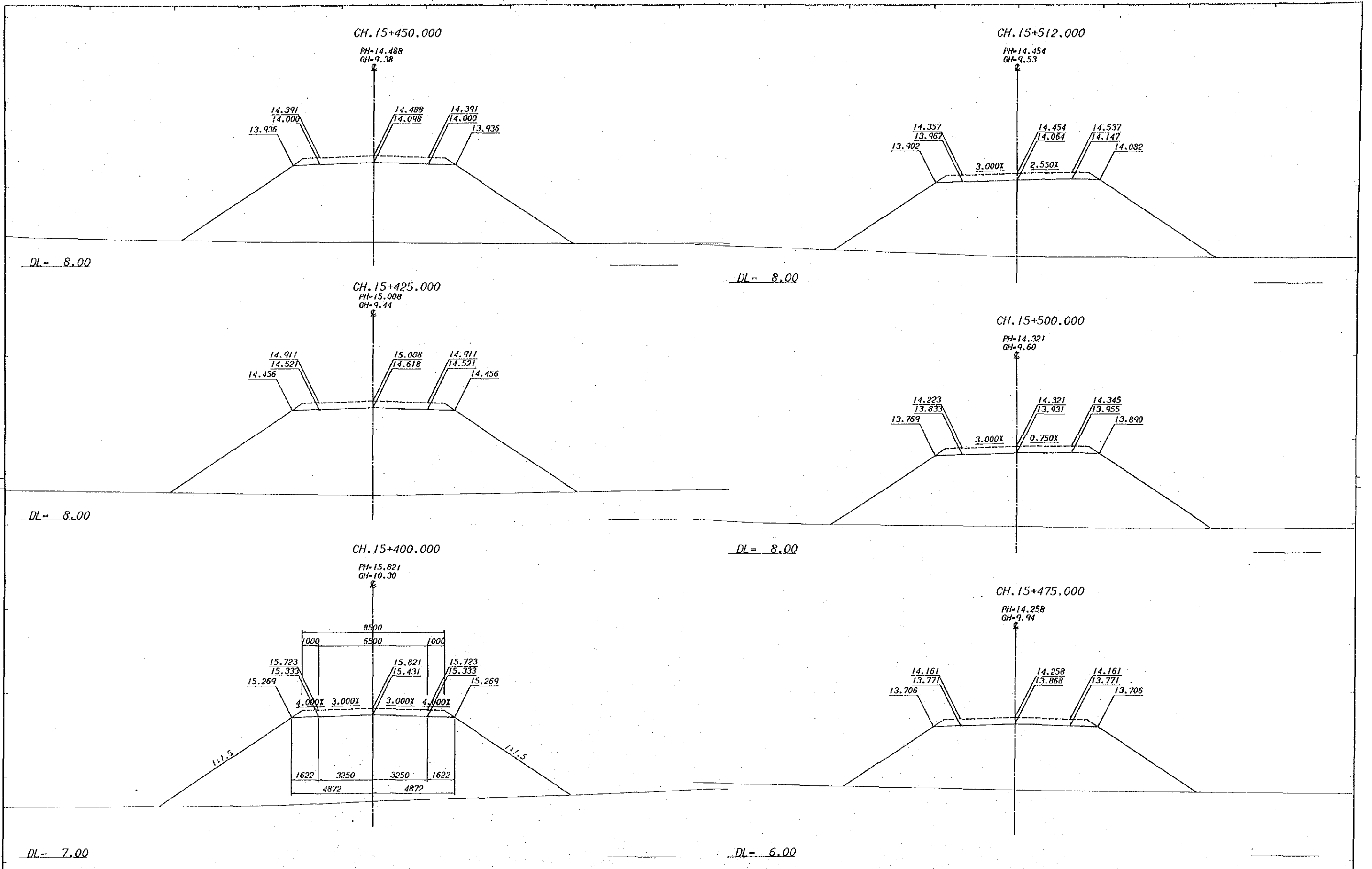
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VERTICAL DATUM MEAN SEA LEVEL		Date 25 Sep. 1989		PROJECT ENGINEER W. K. ...		APPROVED 27.10.89		PROJECT No. S.C. 120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
HORIZONTAL DATUM		Principal J. ...		EXECUTIVE ENGINEER J. ...		SECRETARY F. ...		SHEET 164 OF 281		DRAWING No. A1/ 87922	
SURVEY BOOK NO. 8		BY		APP'D		DATE		AMENDMENTS		REV.	



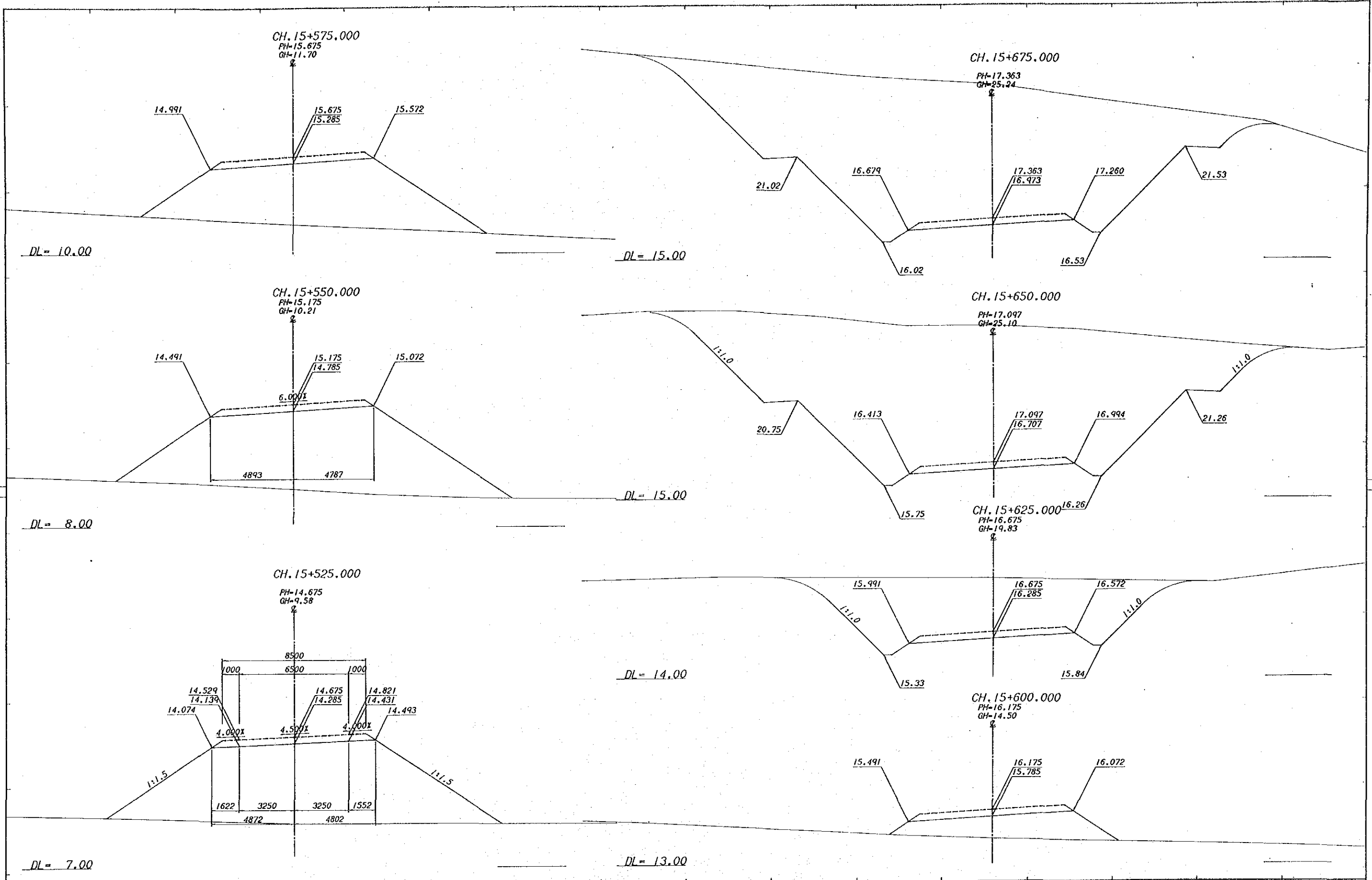
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VERTICAL DATUM MEAN SEA LEVEL		Principal J. H. H...		CHECKED C. A. I.		PROJECT ENGINEER		APPROVED 24.10.89		CROSS SECTIONS	
HORIZONTAL DATUM		25 Sep. 1989		DESIGNED A. M. J...		EXECUTIVE ENGINEER		SHEET 165 OF 281		CH. 15 + 25 - CH. 15 + 225	
SURVEY BOOK N.B.		Date		CHECKED R. K. K...		PRINCIPAL ENGINEER		PROJECT No. S.C.120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
REV.	AMENDMENTS	BY	APP'D	DATE	SECRETARY		DRAWING No. A1/ 87923				



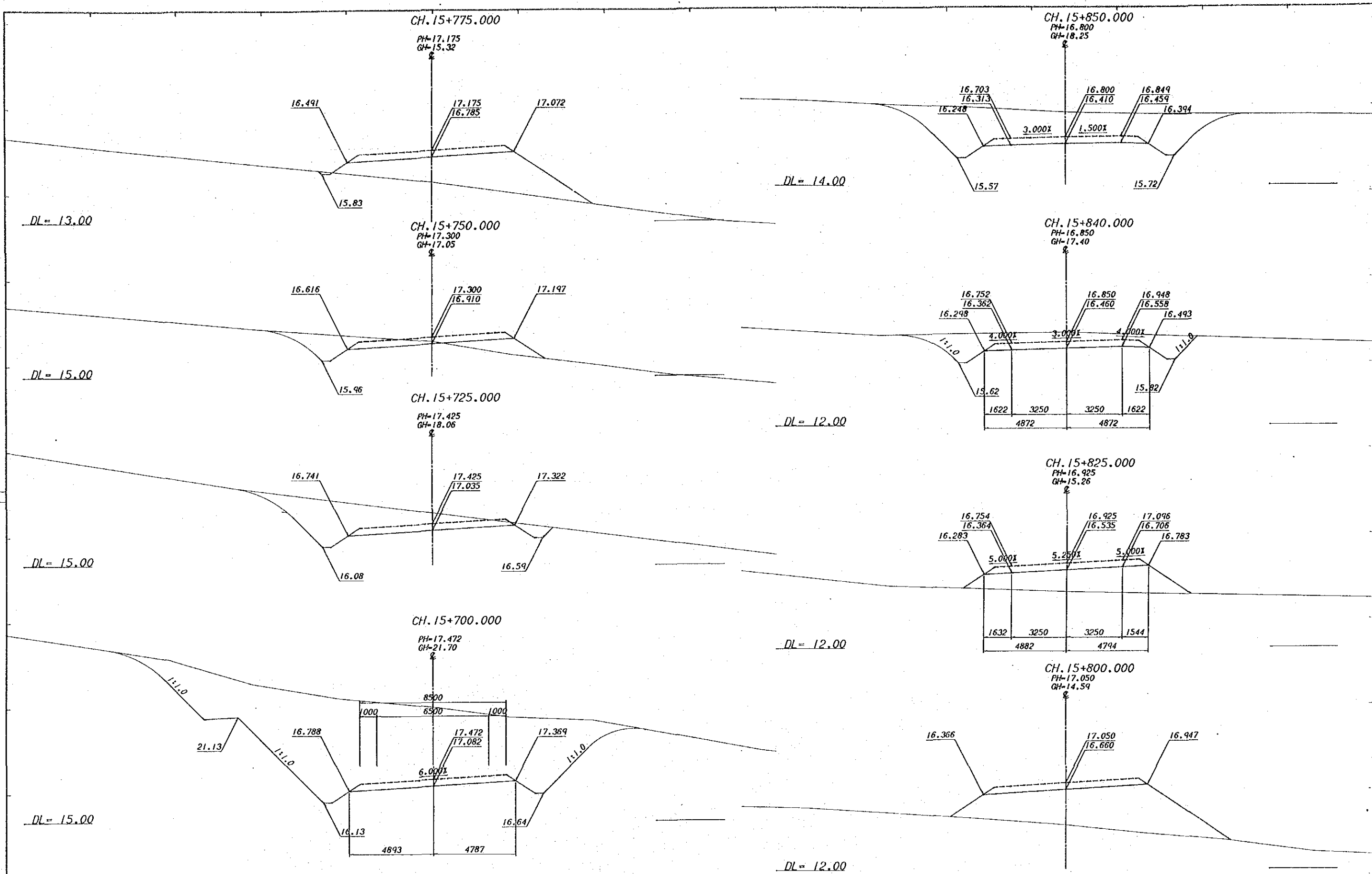
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VERTICAL DATUM MEAN SEA LEVEL.		DATE 25 Sep. 1989		CHECKED C. P. A.		PROJECT ENGINEER W. K. L.		APPROVED 24.10.89		DRAWING No. A1/ 87924	
HORIZONTAL DATUM		Principal J. H. A.		DESIGNED A. M. J.		EXECUTIVE ENGINEER W. K. L.		SECRETARY F. S. L.		DEPARTMENT OF WORKS	
SURVEY BOOK No.				CHECKED Z. K. S.				PROJECT No. S.C. 120-33-814/A		SHEET 166 OF 281	



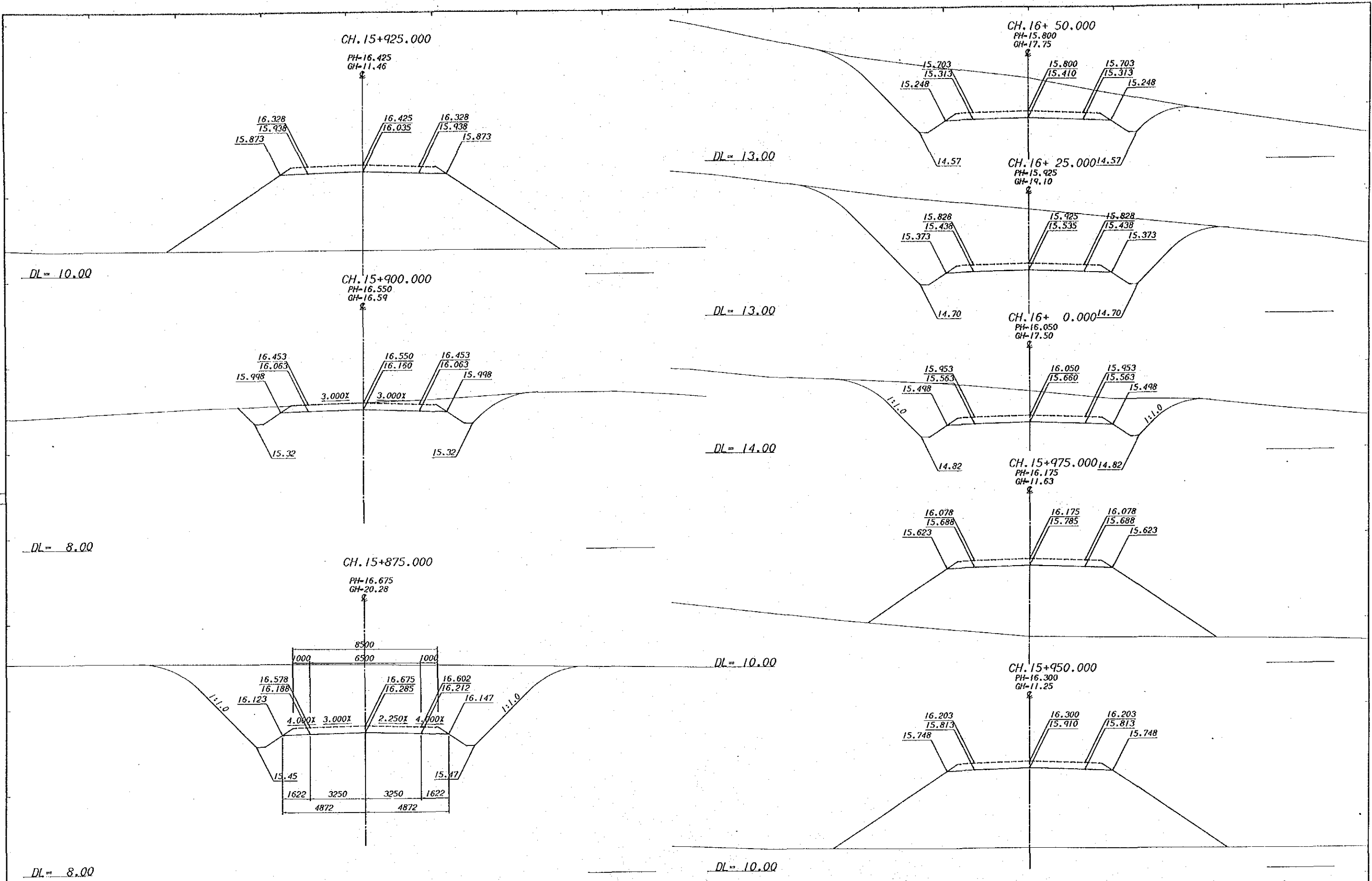
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VERTICAL DATUM MEAN SEA LEVEL		J. Hahin		C.E.		PROJECT ENGINEER		HORIZONTAL & VERTICAL		CROSS SECTIONS	
HORIZONTAL DATUM		25 Sep. 1989		A. Magar		APPROVED		1:100		CH. 15 + 400 — CH. 15 + 512	
SURVEY BOOK NO. 8		Date		Z. Karlow		24. 10. 89		SHEET 167 OF 281		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
BY		APP'D		DATE		EXECUTIVE ENGINEER		PROJECT No. S.C. 120-33-814/A		DRAWING No. A1/ 87925	
AMENDMENTS						SECRETARY					



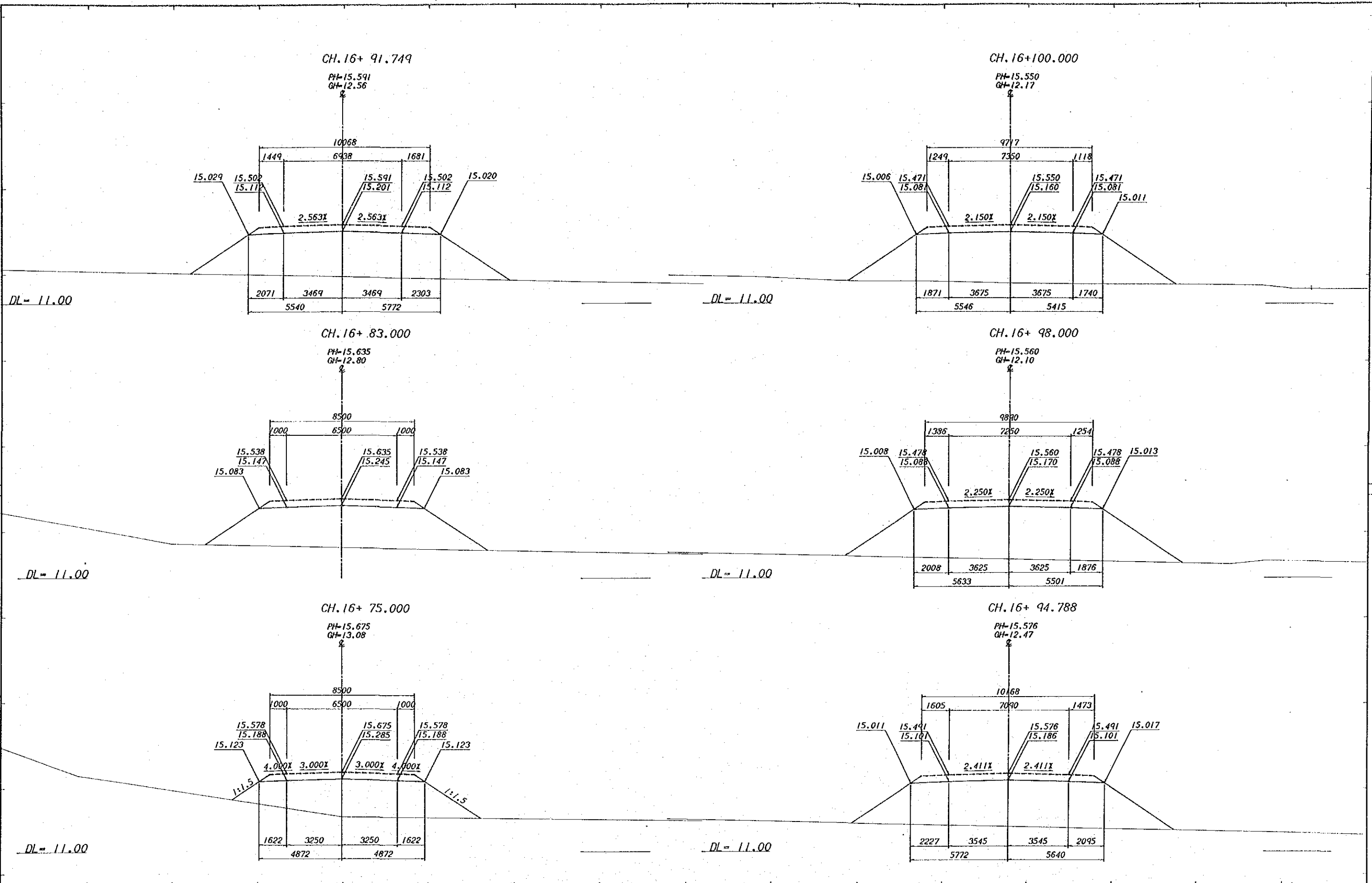
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VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		CHECKED [Signature]	PROJECT ENGINEER [Signature]	TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION		
HORIZONTAL DATUM		Principal [Signature]		DESIGNED [Signature]	APPROVED [Signature]	CROSS SECTIONS		
SURVEY BOOK NO. 8		25 Sep. 1989		CHECKED [Signature]	EXECUTIVE ENGINEER [Signature]	CH. 15 + 525 — CH. 15 + 675		
REV.	AMENDMENTS	BY	APP'D	DATE	SECRETARY [Signature]	SHEET 168 OF 281	PROJECT No. S.C.120-33-814/A	DRAWING No. A1/ 87926



SURVEY JICA Date: _____ VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO. & _____		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY J. H. M. S. 25 Sep. 1989 Date		DRAWN K. E. CHECKED C. S. T. DESIGNED A. Magabo CHECKED P. C. S.		RECOMMENDED W. K. L. PROJECT ENGINEER APPROVED 24. 10. 89 J. S. L. EXECUTIVE ENGINEER FAS (15) SECRETARY		SCALES HORIZONTAL & VERTICAL m. 1 : 100		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 15 + 700 — CH. 15 + 850 PAPA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87927	
REV.	AMENDMENTS	BY	APP'D	DATE			SHEET 169 OF 281	PROJECT No. S.C.120-33-814/A			



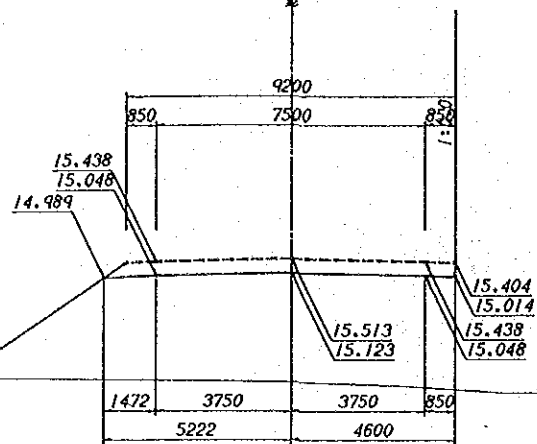
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							VERTICAL DATUM MEAN SEA LEVEL.		J. Yahiro 25 Sep. 1989		CHECKED		PRINCIPAL ENGINEER		SHEET 170 OF 281		CROSS SECTIONS			
							HORIZONTAL DATUM		25 Sep. 1989		DESIGNED		APPROVED 24.10.89		PROJECT No. S.C.120-33-814/A		CH. 15 + 875 — CH. 16 + 50			
							SURVEY BOOK NO'S		Date		CHECKED		EXECUTIVE ENGINEER		DRAWING No. A1/ 87928		PAPUA NEW GUINEA DEPARTMENT OF WORKS			



SURVEY		DESIGN		DRAWN		RECOMMENDED		SCALES		CENTRAL / GULF PROVINCES	
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VERTICAL DATUM MEAN SEA LEVEL		Principal 25 Sep. 1989		Checked A. Magara		APPROVED 24. 10. 89		SHEET 171 OF 281		CROSS SECTIONS	
HORIZONTAL DATUM		Date		Checked K. E.		Principal Engineer		PROJECT No. S.C.120-33-814/A		CH. 16 + 75 — CH 16 + 100	
SURVEY BOOK NOS		Date		Checked K. E.		Executive Engineer		PAPUA NEW GUINEA		DRAWING No.	
REV.	AMENDMENTS	BY	APP'D	DATE	Principal	Executive Engineer	Secretary	DEPARTMENT OF WORKS		A1/ 87929	

CH. 16+107.488

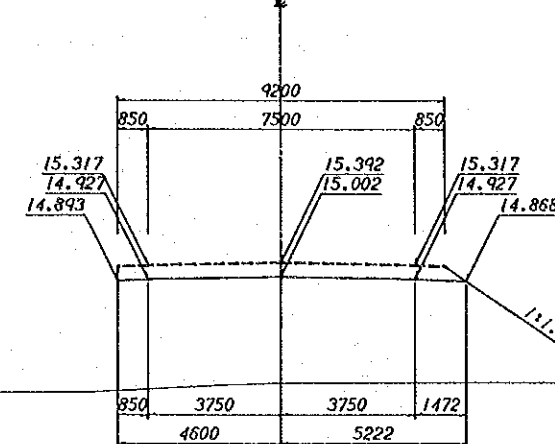
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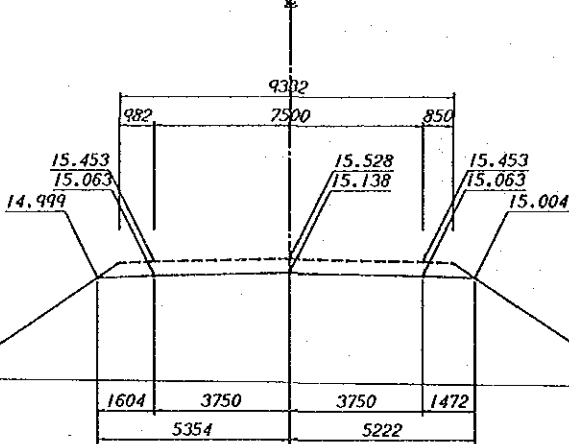
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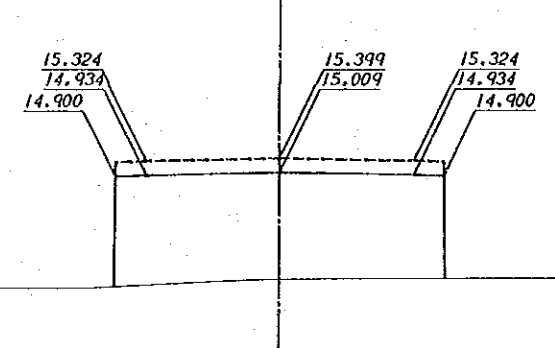
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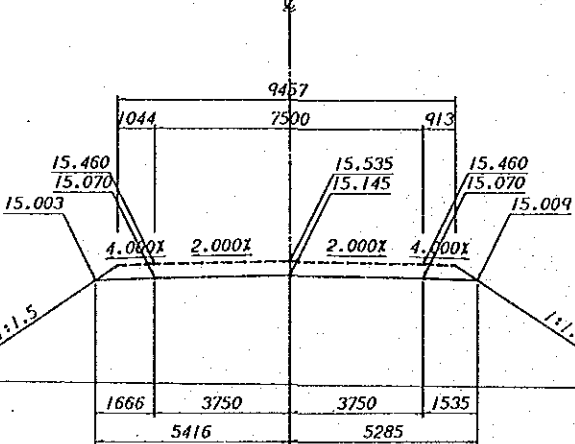
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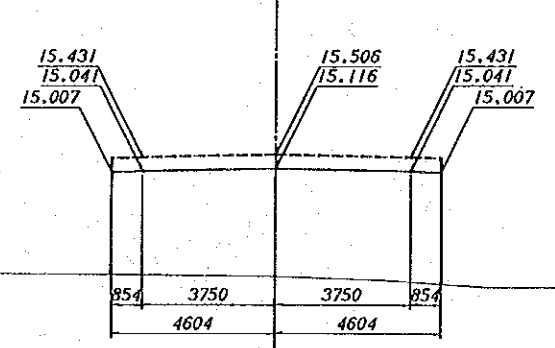
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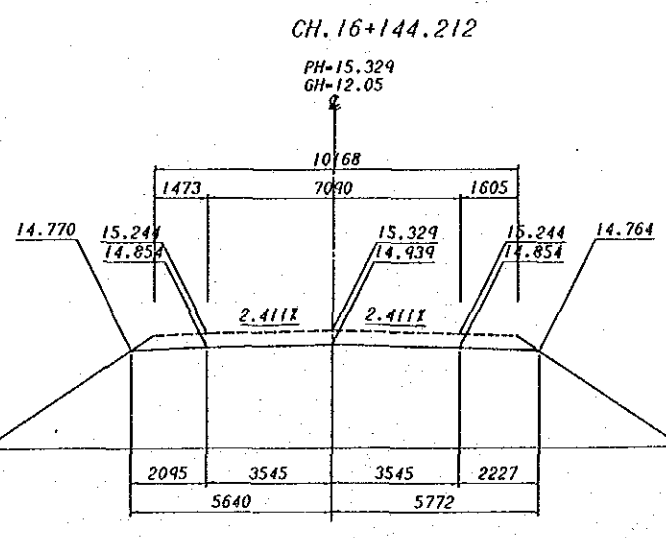
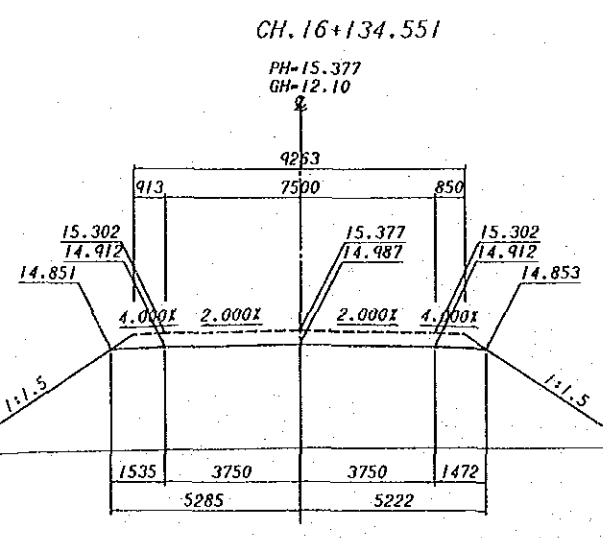
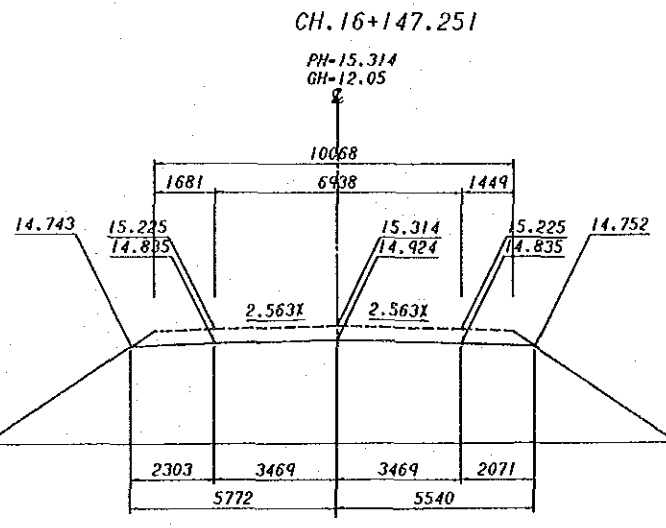
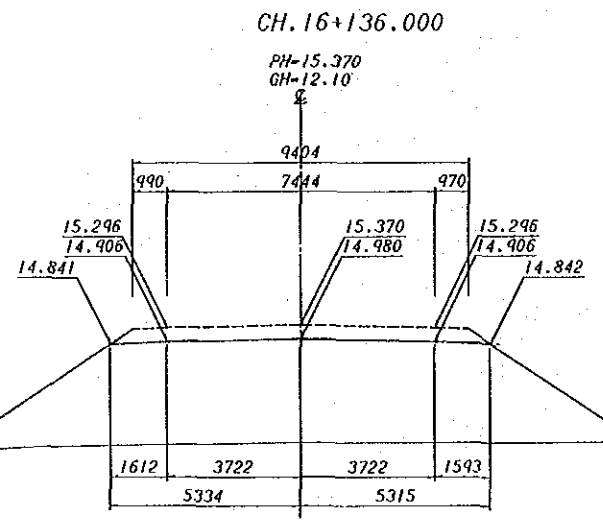
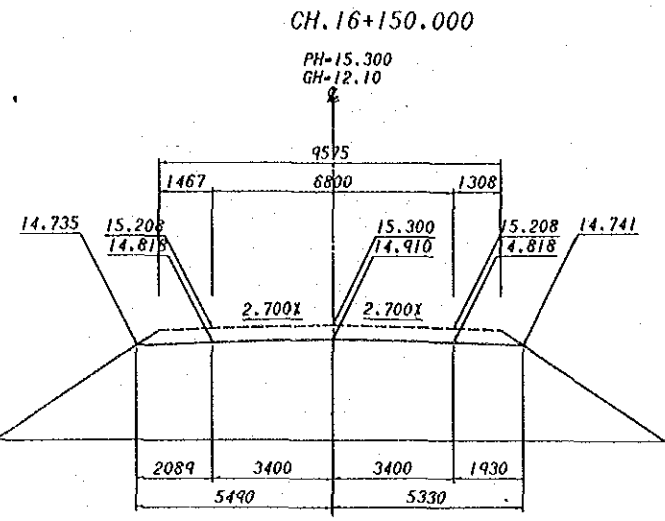
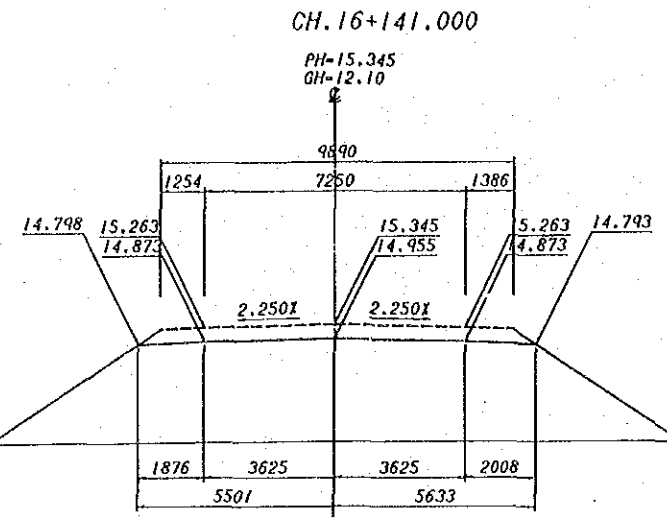
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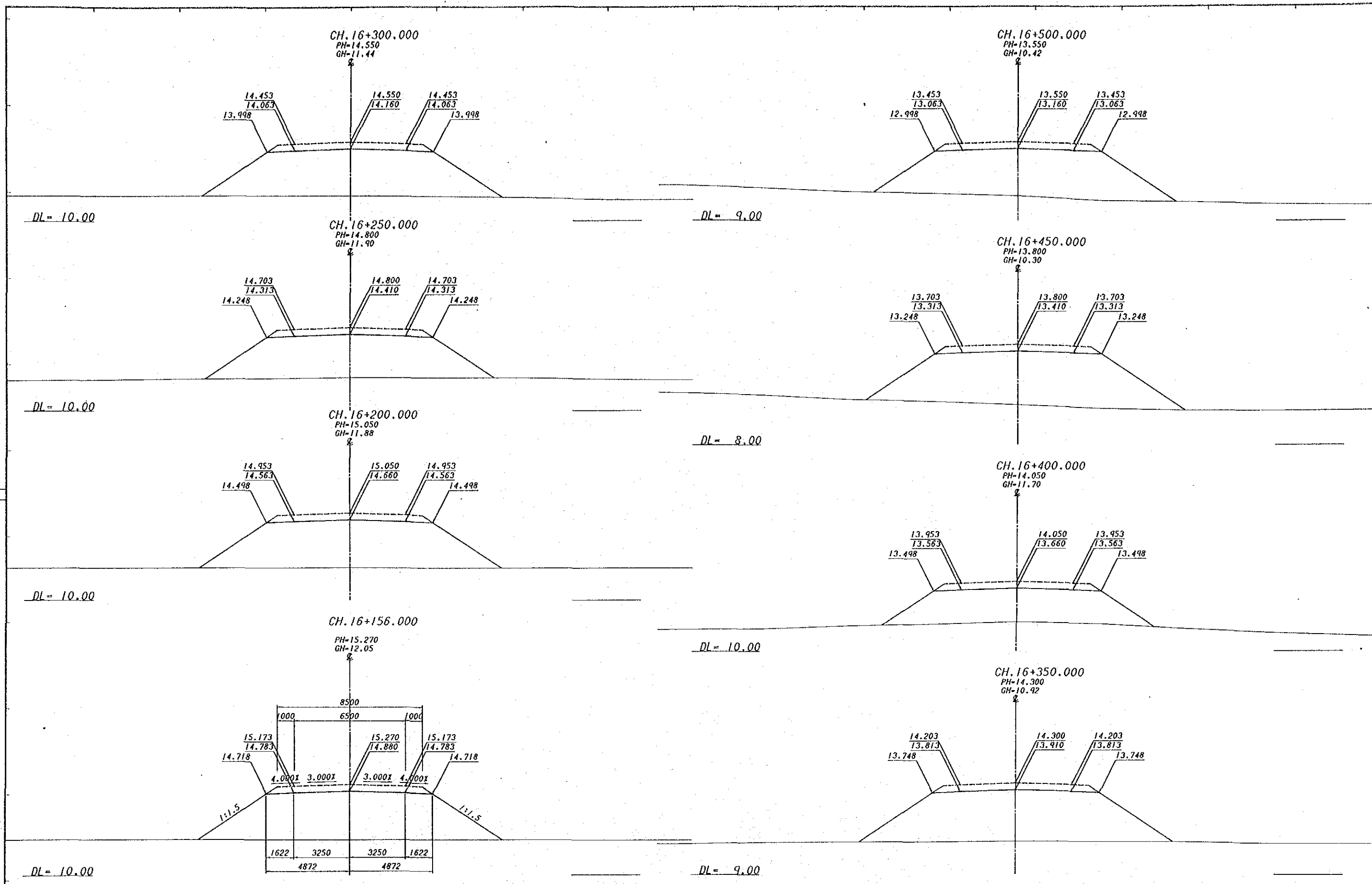


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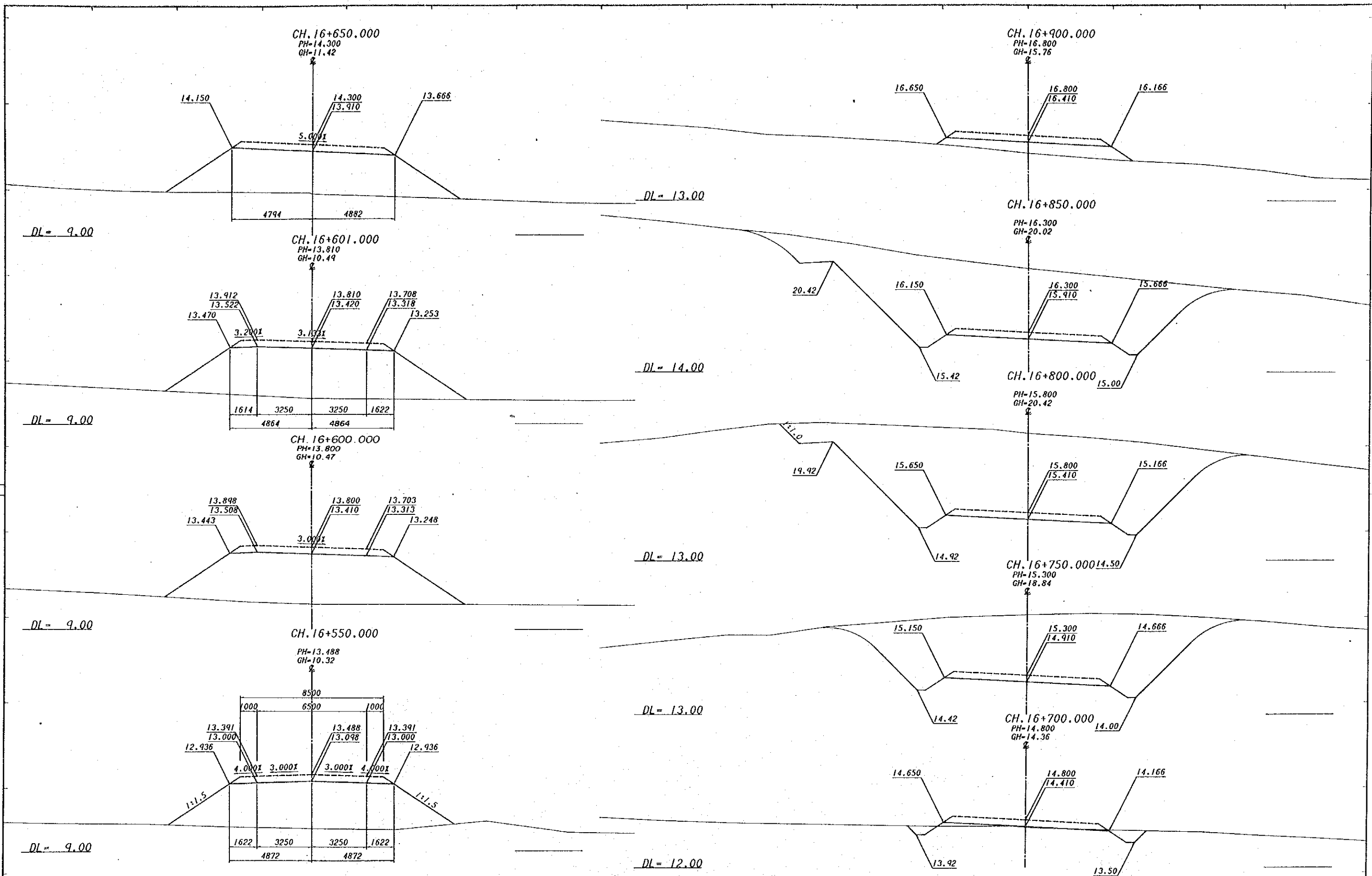
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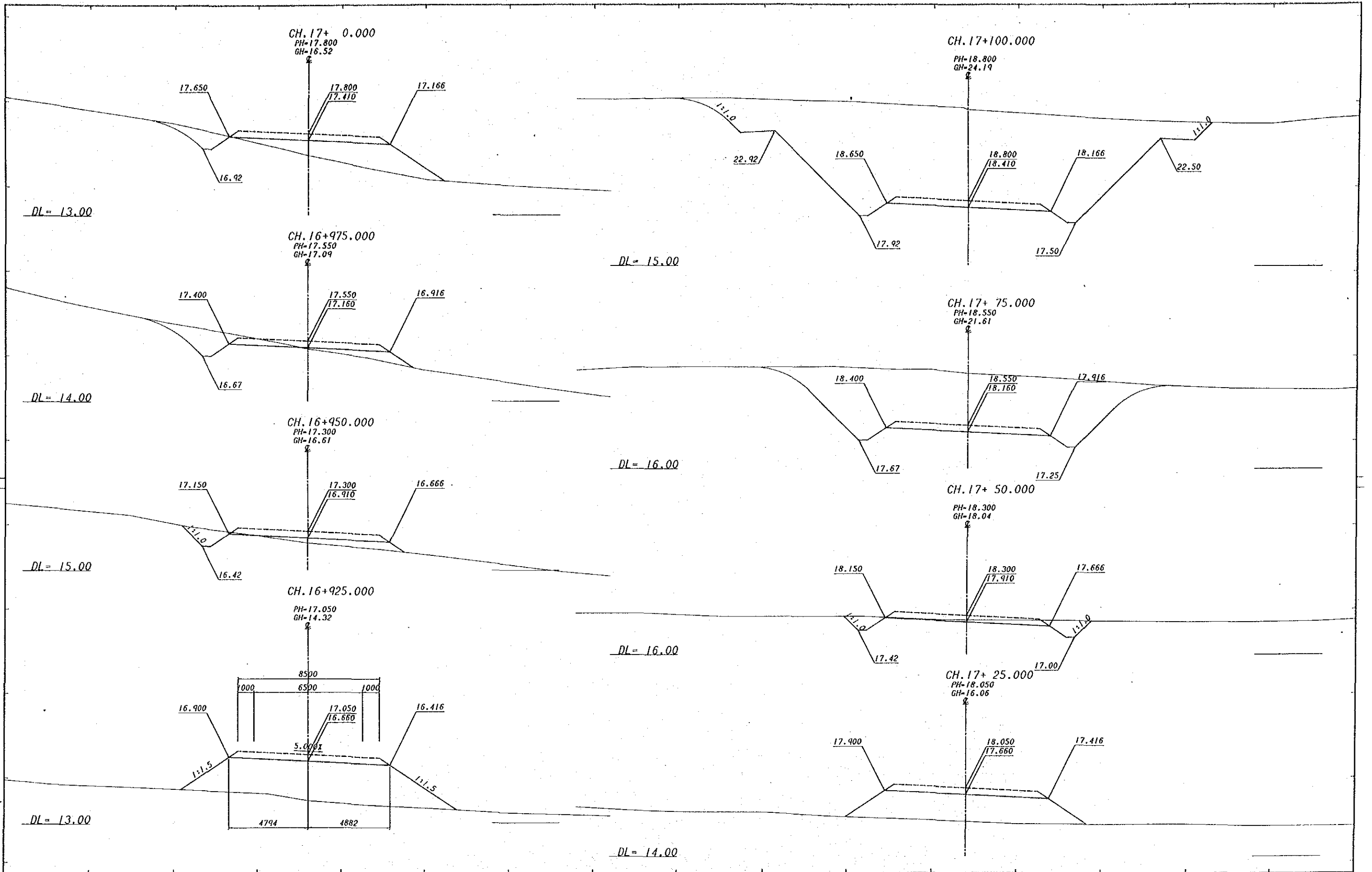
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					SURVEY BOOK N°	25 Sep. 1989	CHECKED	EXECUTIVE ENGINEER	SHEET 173 OF 281	PAPUA NEW GUINEA DEPARTMENT OF WORKS
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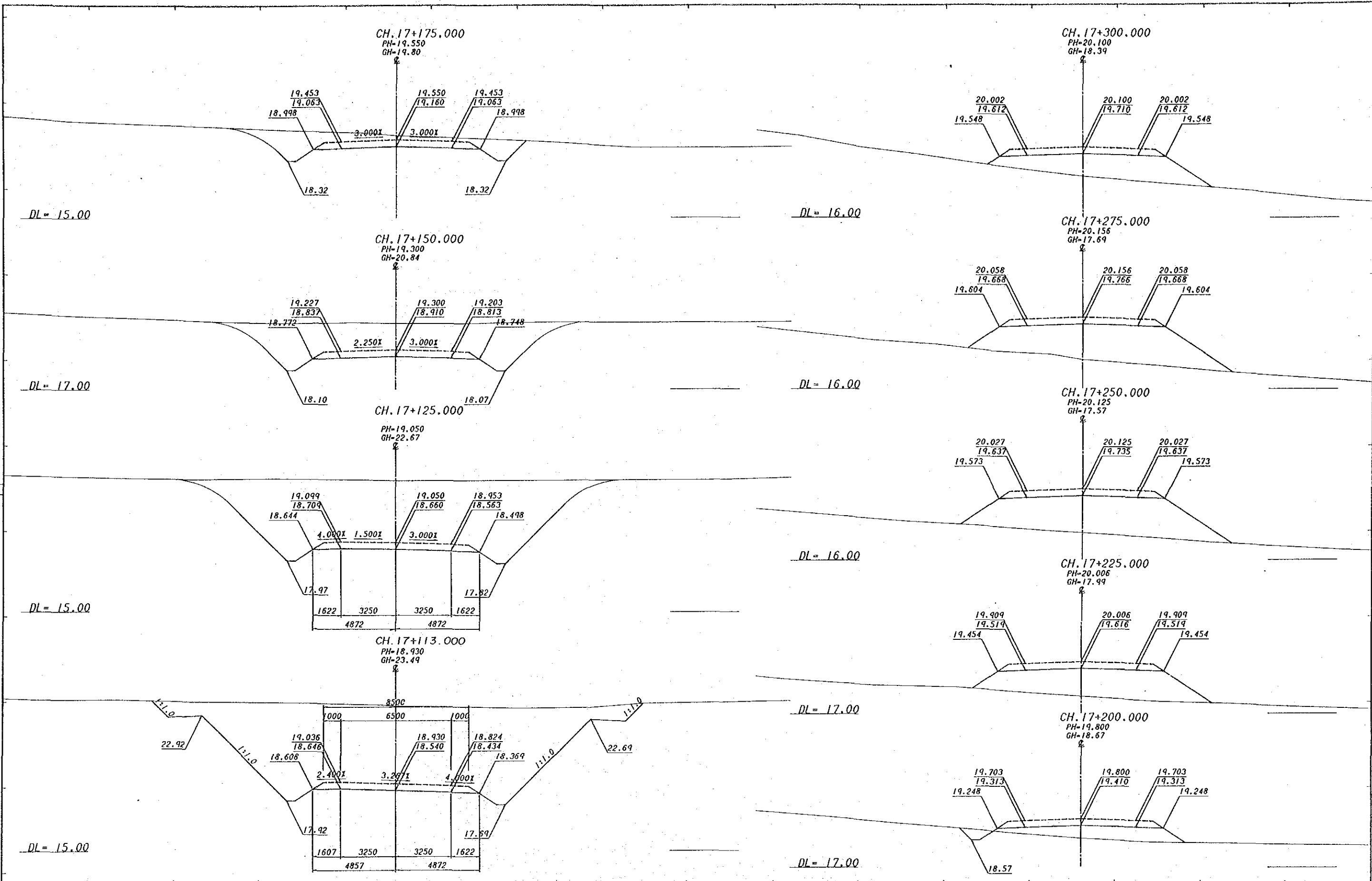
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						VERTICAL DATUM MEAN SEA LEVEL		25 Sep. 1989		CHECKED		APPROVED		SHEET 174 OF 281		PROJECT No. S.C.120-33-814/A	
						HORIZONTAL DATUM		Date		DESIGNED		PRINCIPAL ENGINEER		PROJECT No.		DRAWING No.	
						SURVEY BOOK N.B.		Date		CHECKED		SECRETARY		S.C.120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
						4872		Date		EXECUTIVE ENGINEER				174 OF 281		A1/ 87932	



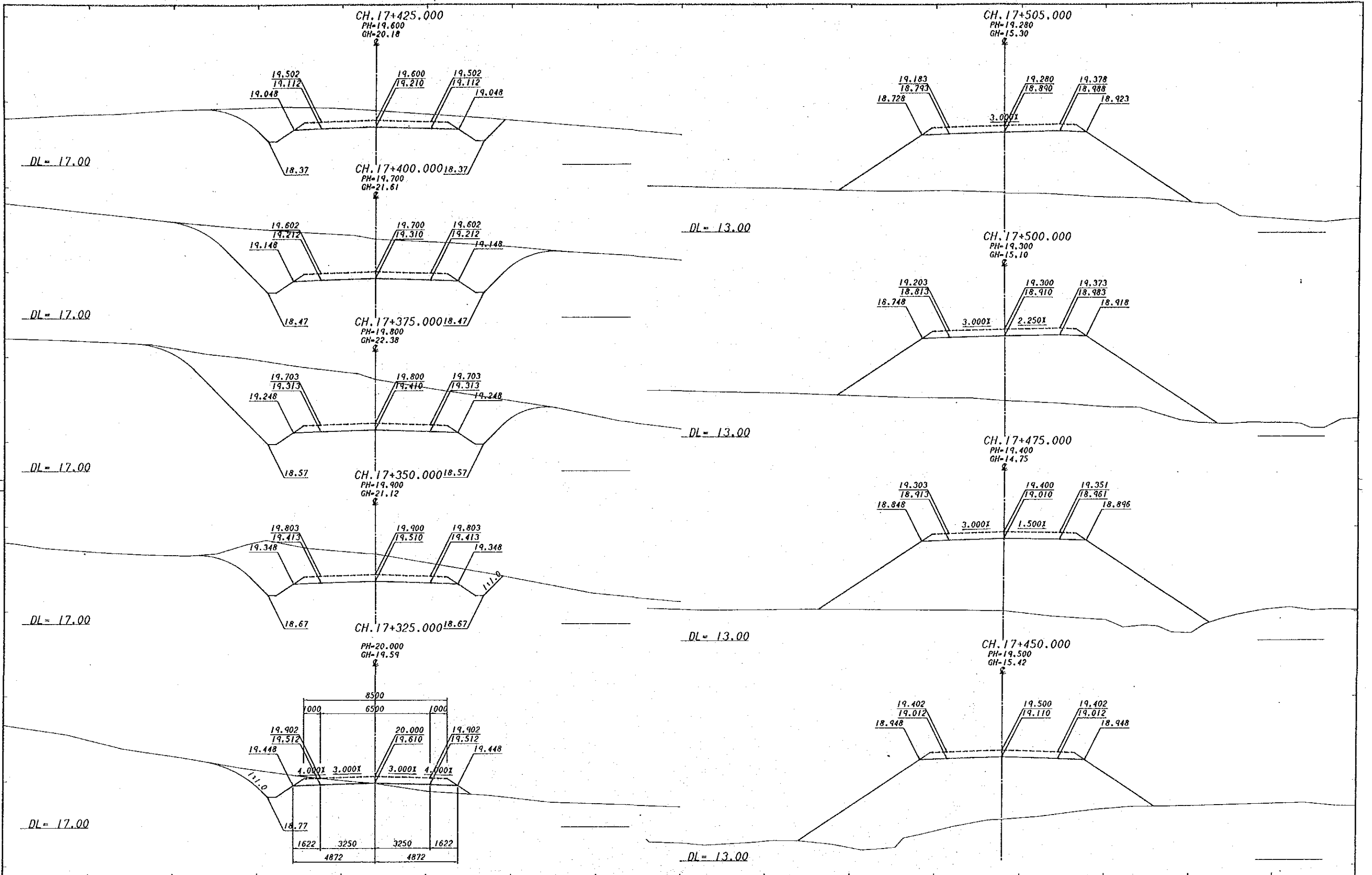
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							JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K. E.		W. K. ...		HORIZONTAL & VERTICAL m. 1 : 100		TRANS-ISLAND HIGHWAY BEREINA-MALALUA SECTION	
							VERTICAL DATUM MEAN SEA LEVEL		25 Sep. 1989		C. Magara		APPROVED 24. 10. 89				CROSS SECTIONS	
							SURVEY BOOK NO. 8		Principal		EXECUTIVE ENGINEER		FAC(15) SECRETARY		SHEET 175 OF 281		CH. 16 + 550 — CH. 16 + 900	
													PROJECT No. S.C.120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS		DRAWING No. A1/ 87933	



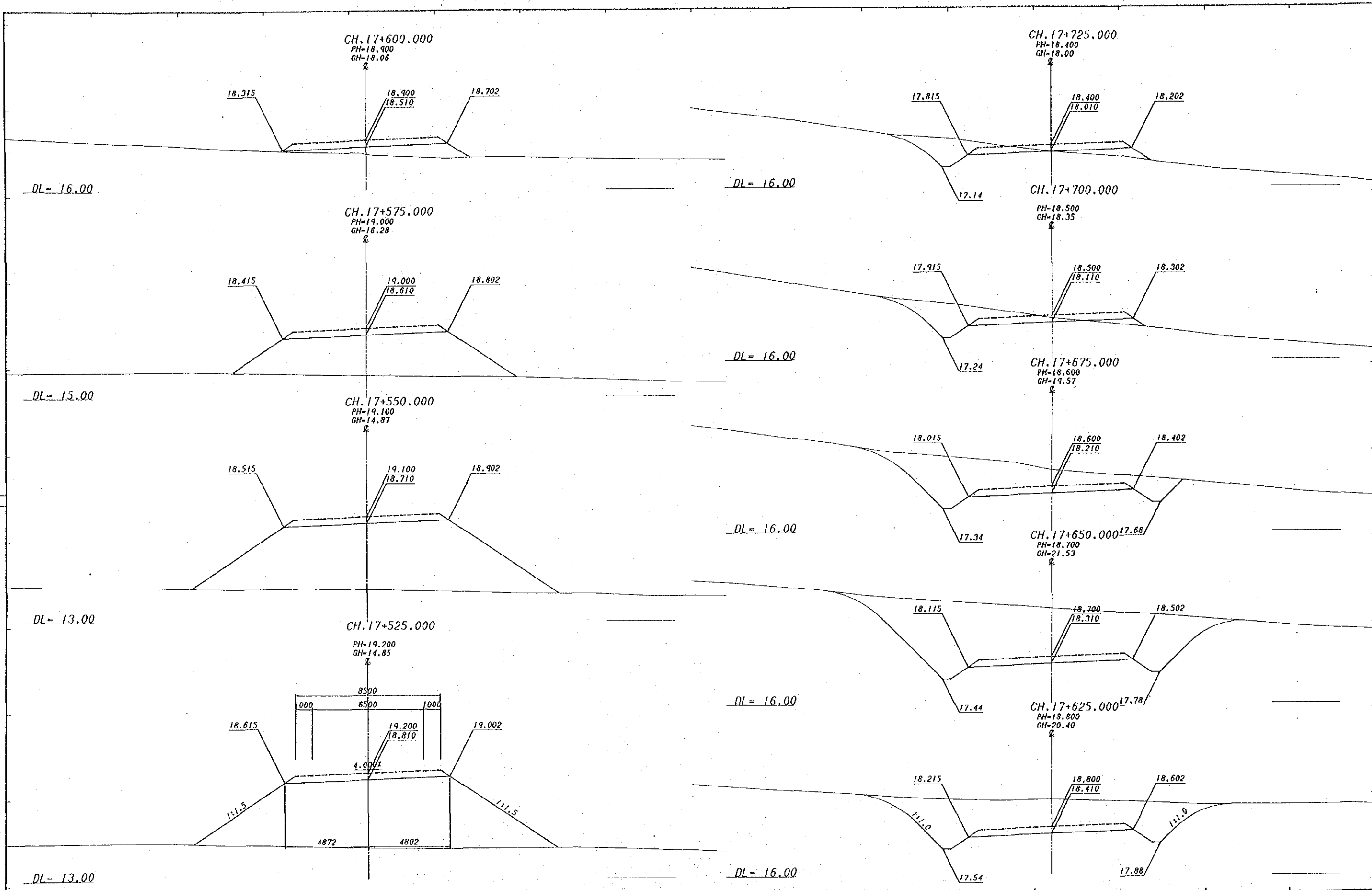
SURVEY JICA		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY		DRAWN K.E.		RECOMMENDED		SCALES HORIZONTAL & VERTICAL m. 1 : 100		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 16 + 925 — CH. 17 + 100	
VERTICAL DATUM MEAN SEA LEVEL		J. H. M. L. S. 25 Sep. 1989		PROJECT ENGINEER W. T. L.		PRINCIPAL ENGINEER R. M. G.		SHEET 176 OF 281		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
HORIZONTAL DATUM		Date		CHECKED A. M. G.		APPROVED 24 10 89 F. C. S.		PROJECT No. S.C. 120-33-814/A		DRAWING No. A1/ 87934	
SURVEY BOOK No. 8		BY		EXECUTIVE ENGINEER T. K. S.		SECRETARY		REV.		REV.	



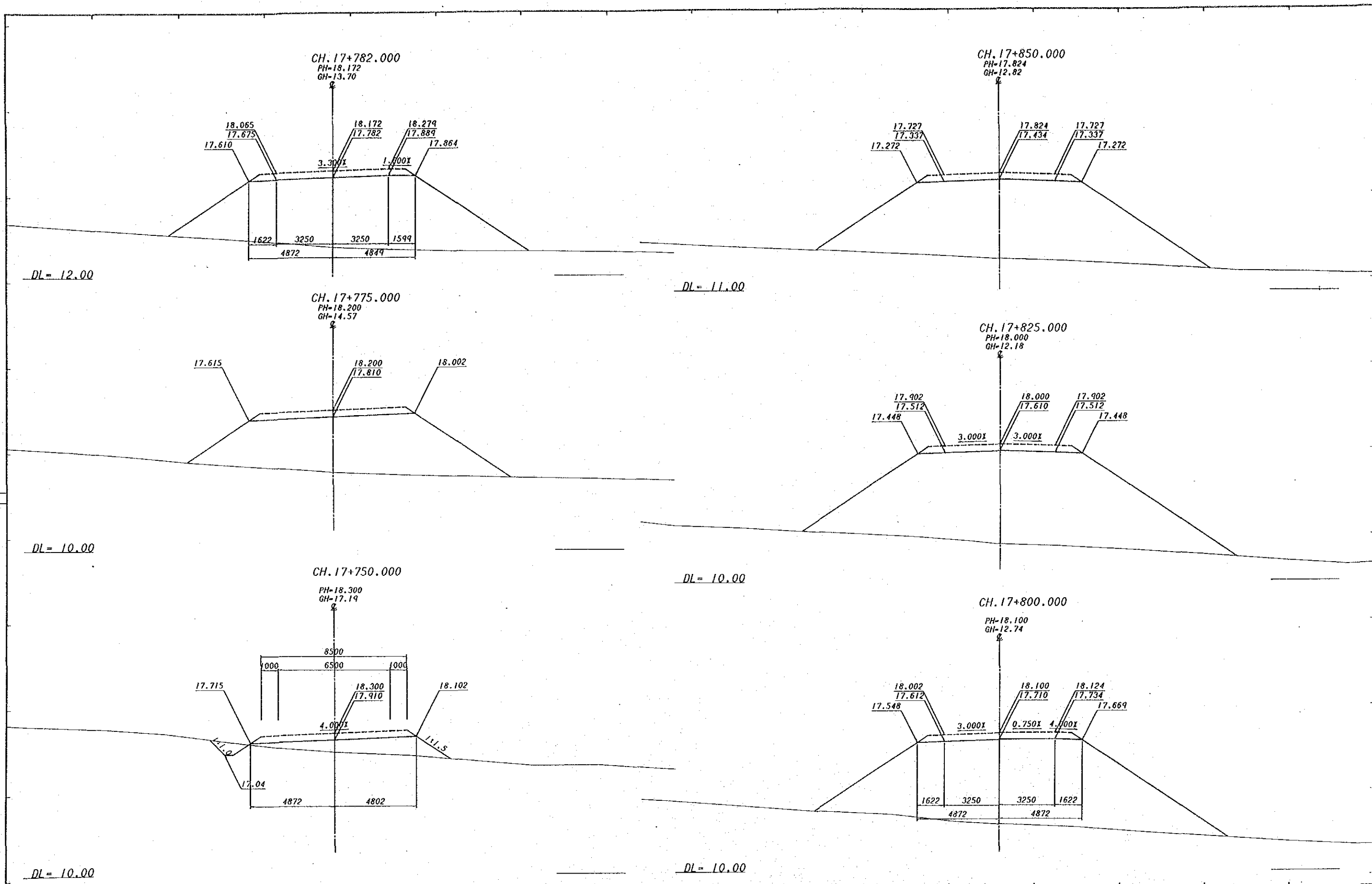
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VERTICAL DATUM MEAN SEA LEVEL.		DATE 25 Sep. 1989		CHECKED A. Magaña		PROJECT ENGINEER W. K. ...		APPROVED 24. 10. 89		PROJECT No. S.C. 120-33-814/A		DRAWING No. A1/ 87935	
HORIZONTAL DATUM		SURVEY BOOK No. 8		CHECKED P. ...		EXECUTIVE ENGINEER W. ...		SECRETARY F. ...		SHEET 177 OF 281		PAPUA NEW GUINEA DEPARTMENT OF WORKS	



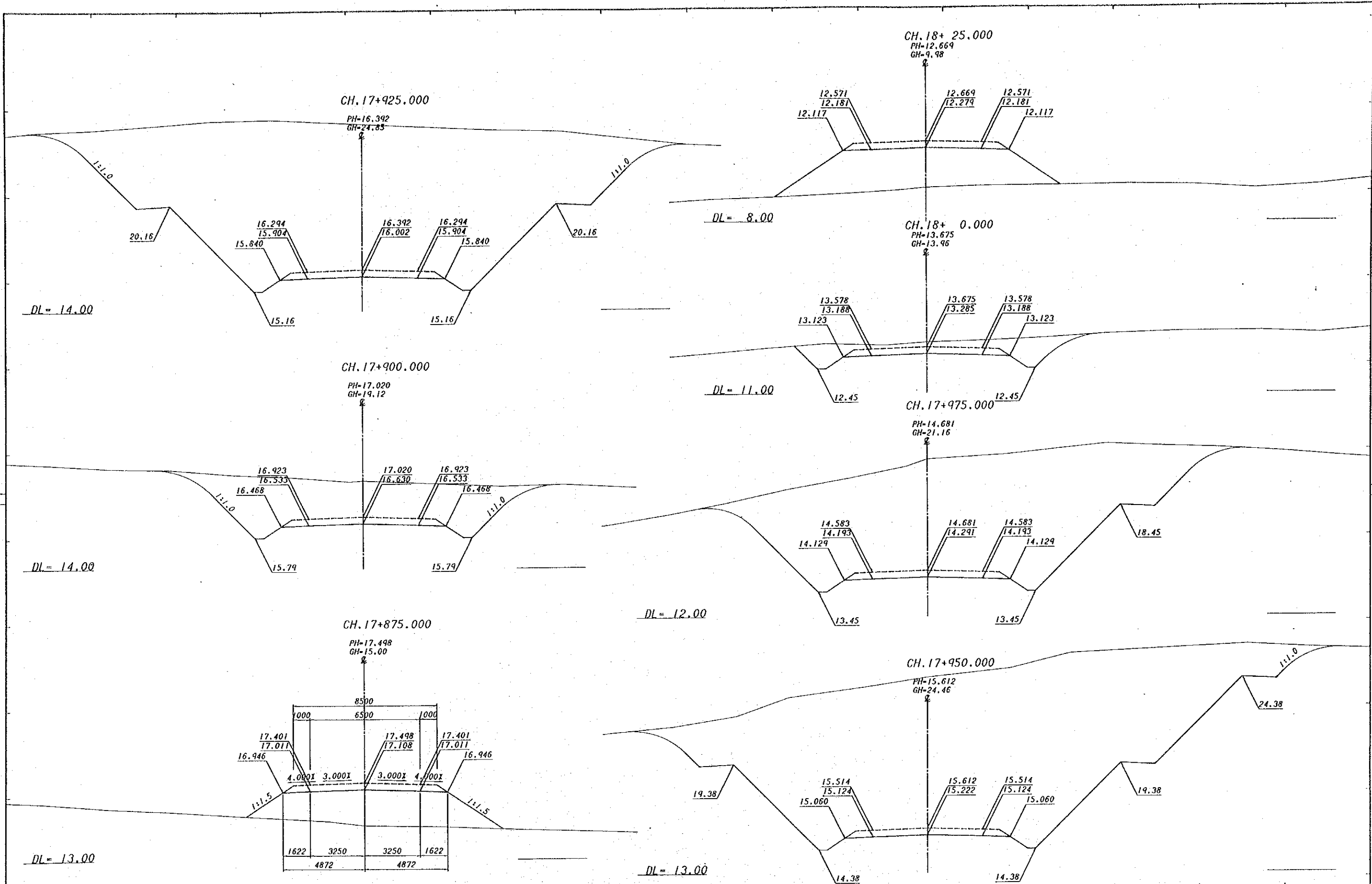
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							JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K.E.		M. Logo		1:100		TRANS-ISLAND HIGHWAY BERFINA-MALALAU SECTION	
							Date		Date		PROJECT ENGINEER		PRINCIPAL ENGINEER		HORIZONTAL & VERTICAL m.		CROSS SECTIONS	
							MEAN SEA LEVEL		25 Sep. 1989		A. M. M. M.		24.10.89		1:100		CH. 17 + 325 — CH. 17 + 505	
							HORIZONTAL DATUM		Date		EXECUTIVE ENGINEER		F. Semant		PROJECT No.		PAPUA NEW GUINEA	
							SURVEY BOOK NOS		Date		7. Koolani		S.C. 120-33-814/A		DEPARTMENT OF WORKS		DRAWING No.	
							1622 3250 3250 1622										A1/ 87936	



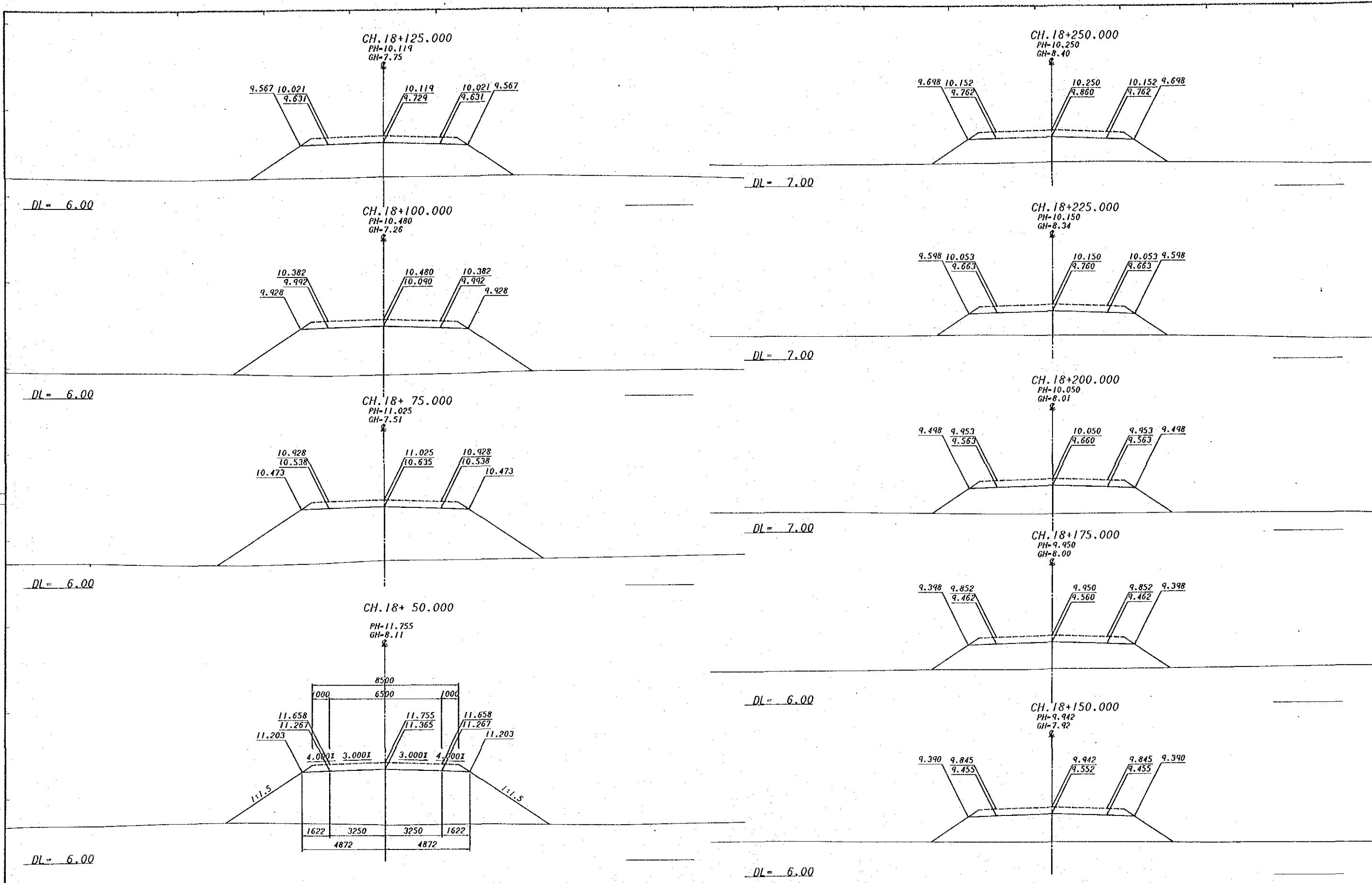
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							VERTICAL DATUM MEAN SEA LEVEL		25 Sep. 1989		A. Maguire		APPROVED		PROJECT No. S.C. 120-33-814/A		CH. 17 + 525 — CH. 17 + 725	
							HORIZONTAL DATUM		Date		Z. Gordon		EXECUTIVE ENGINEER		SHEET 179 OF 281		PAFUA NEW GUINEA DEPARTMENT OF WORKS	
							SURVEY BOOK NO. 8		Date		J. Leonard		FA(19) SECRETARY				DRAWING No. A1/ 87937	



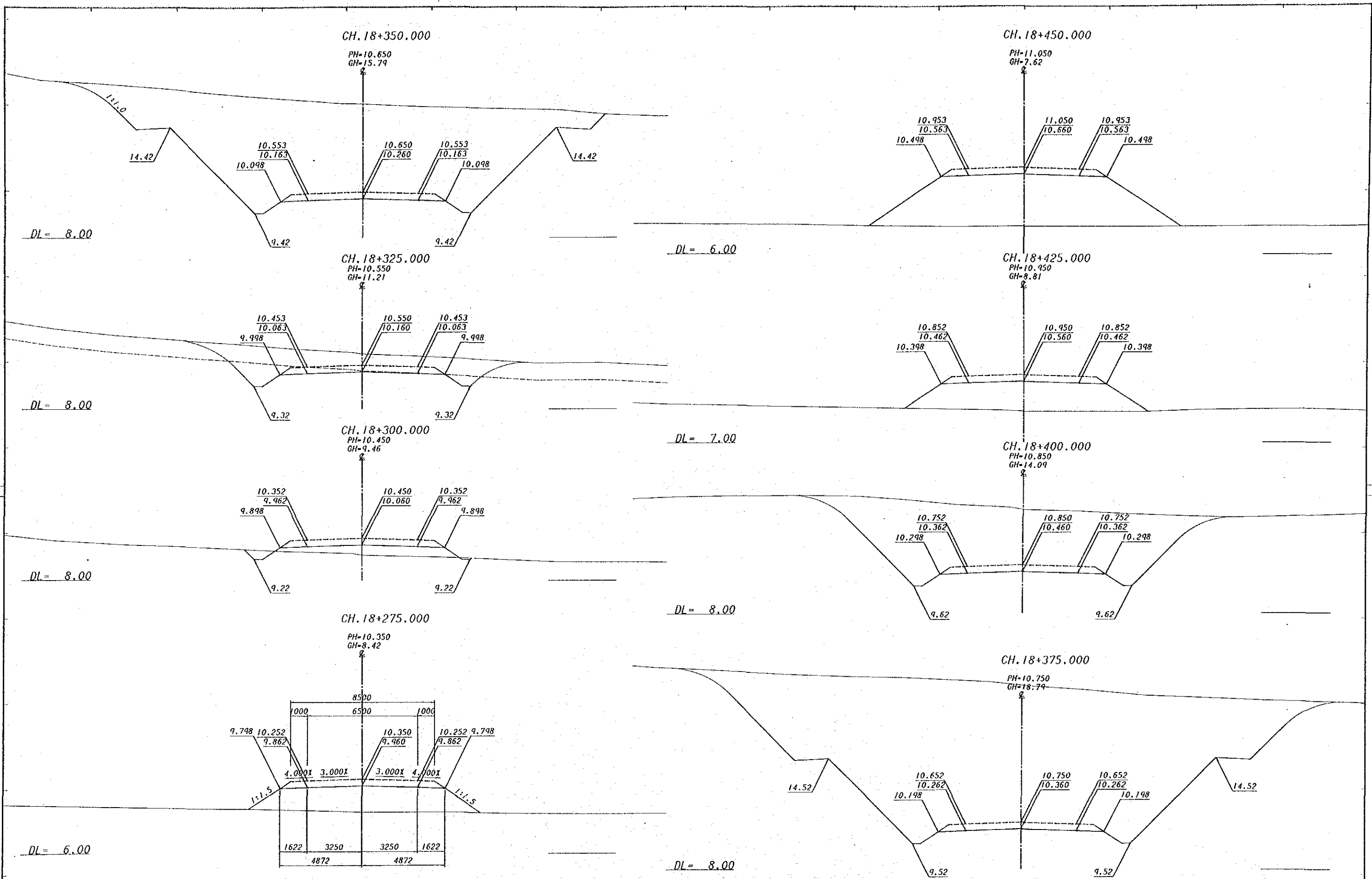
AMENDMENTS		BY	APP'D	DATE	SURVEY		DESIGN		DRAWN		RECOMMENDED		SCALES		CENTRAL / GULF PROVINCES	
					JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K.E.		W. K. ...		HORIZONTAL & VERTICAL m. 1 : 100		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
					VERTICAL DATUM MEAN SEA LEVEL		25 Sep. 1989		PROJECT ENGINEER		PRINCIPAL ENGINEER		SHEET 180 OF 281		PROJECT No. S.C.120-33-814/A	
					HORIZONTAL DATUM		Principal		EXECUTIVE ENGINEER		APPROVED		PROJECT No. S.C.120-33-814/A		DRAWING No. A1/ 87938	
					SURVEY BOOK NO.		Date		EXECUTIVE ENGINEER		SECRETARY		PAPUA NEW GUINEA DEPARTMENT OF WORKS		DRAWING No. A1/ 87938	



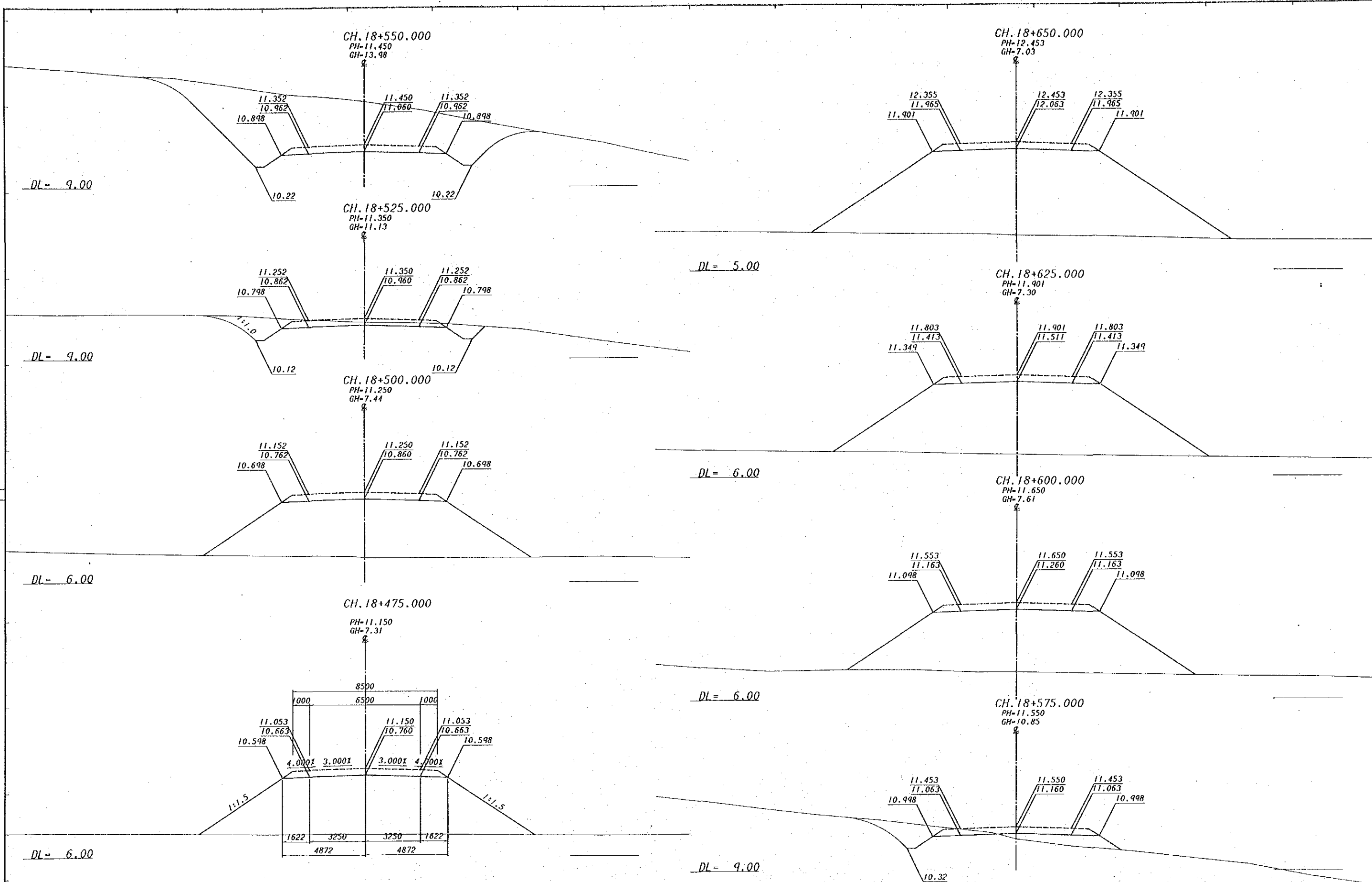
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VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		CHECKED A. Magala	PROJECT ENGINEER W. K. ...	TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION		
HORIZONTAL DATUM		25 Sep. 1983		DESIGNED A. Magala	APPROVED 24.10.85	CROSS SECTIONS		
SURVEY BOOK N.O.		Principal		CHECKED Z. Karlowa	SECRETARY FAS(TS)	CH. 17 + 875 — CH. 18 + 25		
REV.	AMENDMENTS	BY	APP'D	DATE	SHEET 181 of 281	PROJECT No. S.C.120-33-814/A	PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87939	



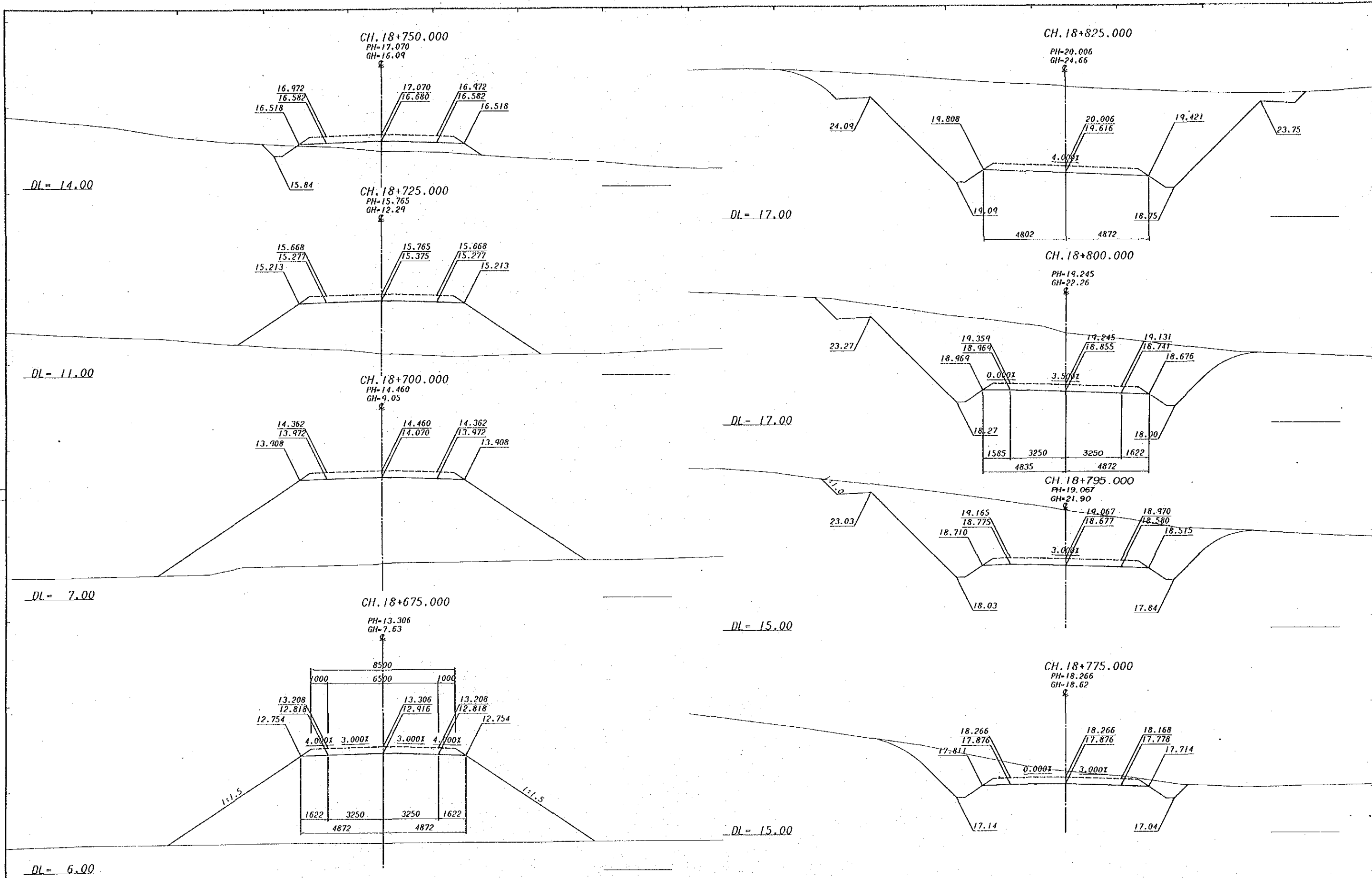
<p>AMENDMENTS</p>				<p>BY</p>		<p>APP'D</p>		<p>DATE</p>		<p>SURVEY BOOK N^os</p>		<p>SURVEY</p> <p>JICA</p> <p>Date</p> <p>VERTICAL DATUM</p> <p>MEAN SEA LEVEL</p> <p>HORIZONTAL DATUM</p>		<p>DESIGN</p> <p>JAPAN INTERNATIONAL CO-OPERATION AGENCY</p> <p><i>J. H. H. H.</i> 25 Sep. 1989</p>		<p>DRAWN</p> <p>K. E.</p> <p>CHECKED</p> <p><i>[Signature]</i></p> <p>DESIGNED</p> <p><i>A. M. M.</i></p> <p>CHECKED</p> <p><i>[Signature]</i></p>		<p>RECOMMENDED</p> <p><i>[Signature]</i></p> <p>PROJECT ENGINEER</p> <p>APPROVED</p> <p><i>[Signature]</i></p> <p>PRINCIPAL ENGINEER</p> <p>20.10.89</p> <p><i>[Signature]</i></p> <p>EXECUTIVE ENGINEER</p> <p>SECRETARY</p>		<p>SCALES</p> <p>HORIZONTAL & VERTICAL m.</p> <p>1 : 100</p>		<p>SHEET 182 OF 281</p> <p>PROJECT No. S.C. 120-33-814/A</p>		<p>CENTRAL / GULF PROVINCES</p> <p>TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION</p> <p>CROSS SECTIONS</p> <p>CH. 18 + 50 — CH. 18 + 250</p> <p>PAPUA NEW GUINEA DEPARTMENT OF WORKS</p> <p>DRAWING No. A1/ 87940</p>	
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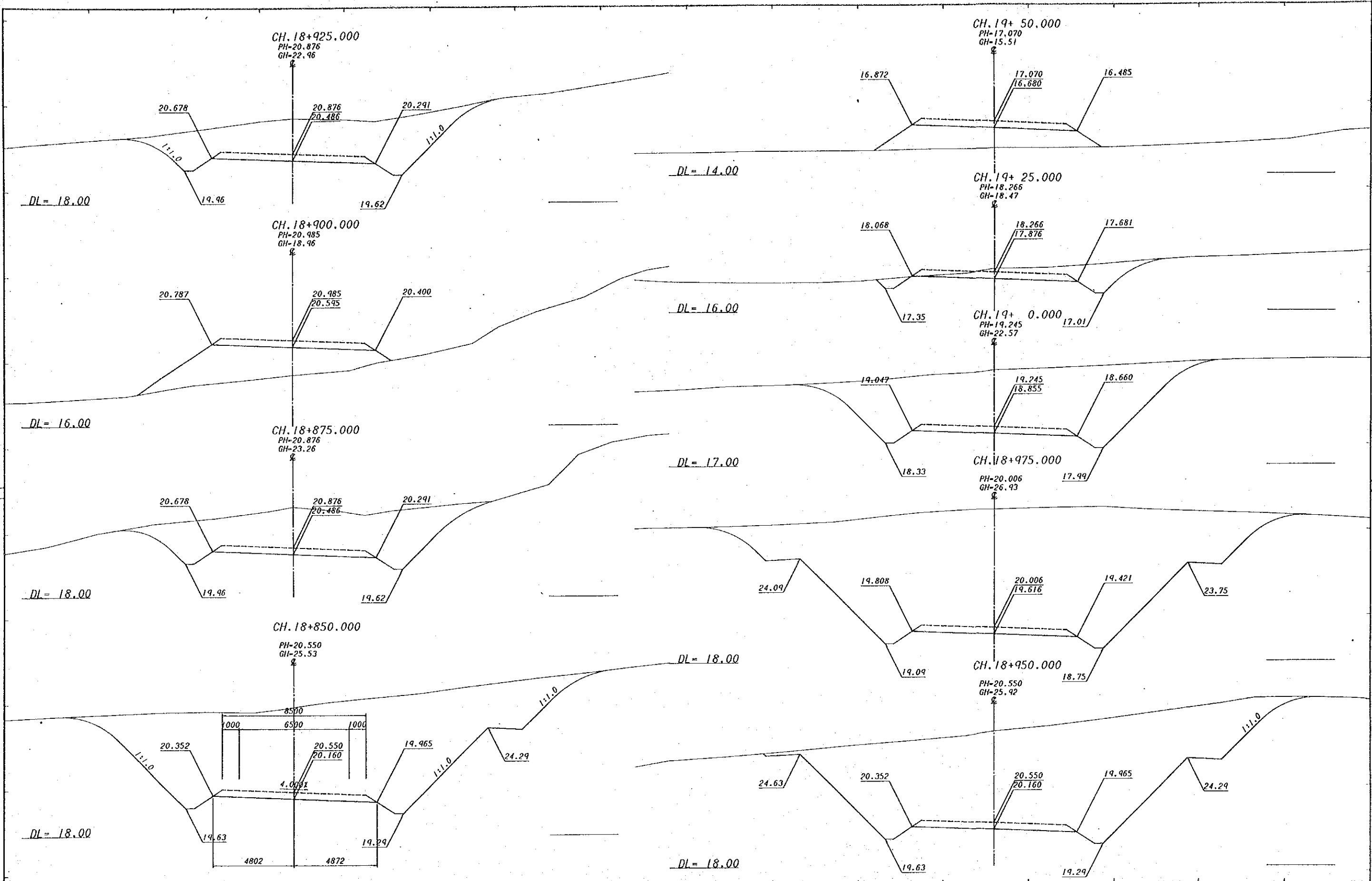
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							JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K.E.		Principal Engineer		Horizontal & Vertical 1:100		TRANS-ISLAND HIGHWAY BERENA-MALALAU SECTION	
							VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		PROJECT ENGINEER		Principal Engineer		PROJECT No. S.C.120-33-814/A		CROSS SECTIONS	
							HORIZONTAL DATUM		25 Sep. 1989		EXECUTIVE ENGINEER		Secretary		SHEET 183 OF 281		CH. 18 + 275 — CH. 18 + 450	
							SURVEY BOOK N.Y.S		Date		Principal		Secretary		DEPARTMENT OF WORKS		DRAWING No. A1/ 87941	



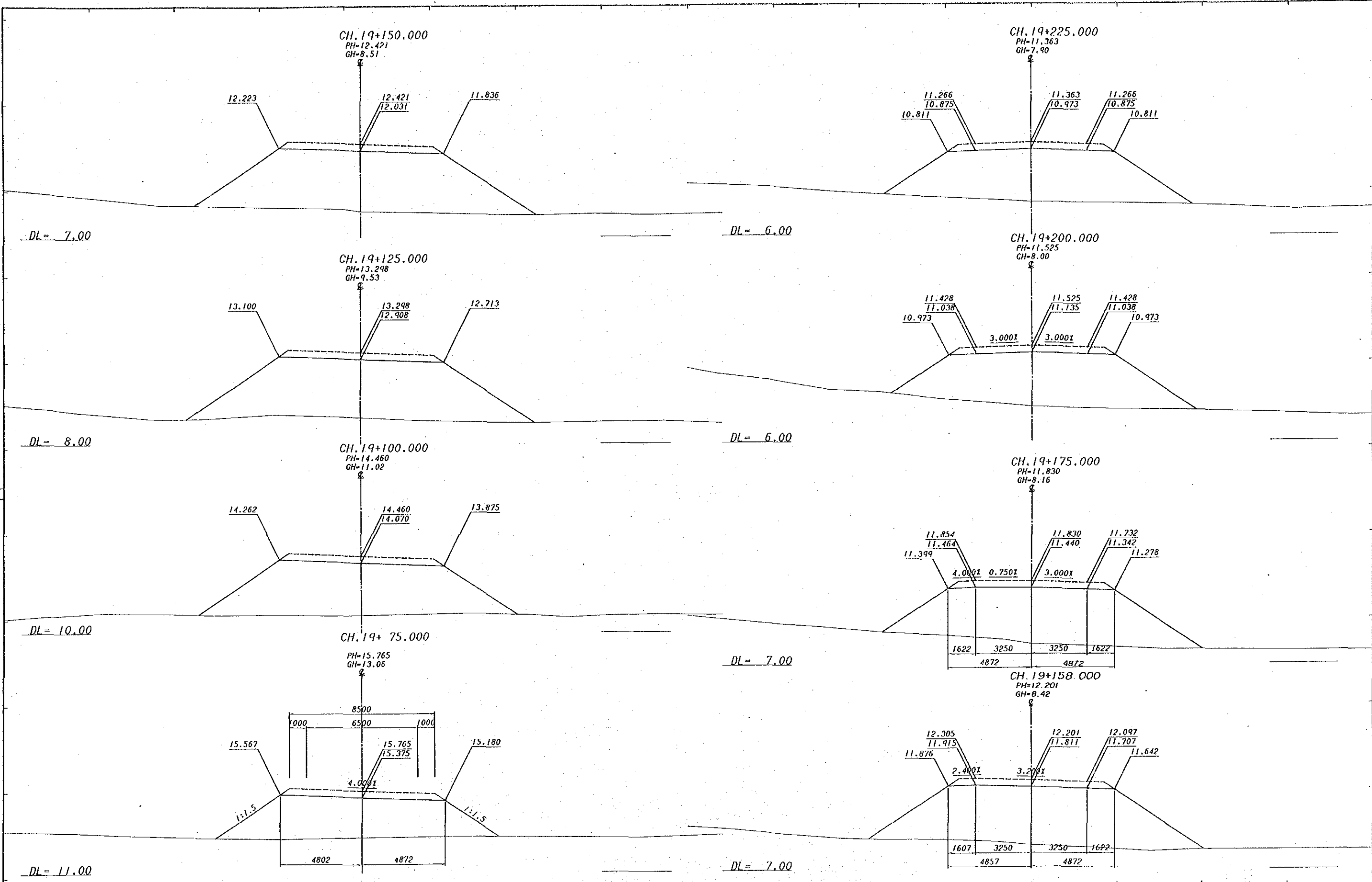
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VERTICAL DATUM MEAN SEA LEVEL		DATE 25 Sep. 1989		CHECKED <i>[Signature]</i>		PROJECT ENGINEER <i>[Signature]</i>		SHEET 184 OF 281		TRANS-ISLAND HIGHWAY BERKINA-MALALAU SECTION	
HORIZONTAL DATUM		PRINCIPAL <i>[Signature]</i>		DESIGNED <i>[Signature]</i>		APPROVED 24.10.89		PROJECT No. S.C.120-33-814/A		CROSS SECTIONS CH. 18 + 475 — CH. 18 + 650	
SURVEY BOOK No.		CHECKED <i>[Signature]</i>		EXECUTIVE ENGINEER <i>[Signature]</i>		SECRETARY <i>[Signature]</i>		DRAWING No. A1/ 87942		PAPUA NEW GUINEA DEPARTMENT OF WORKS	



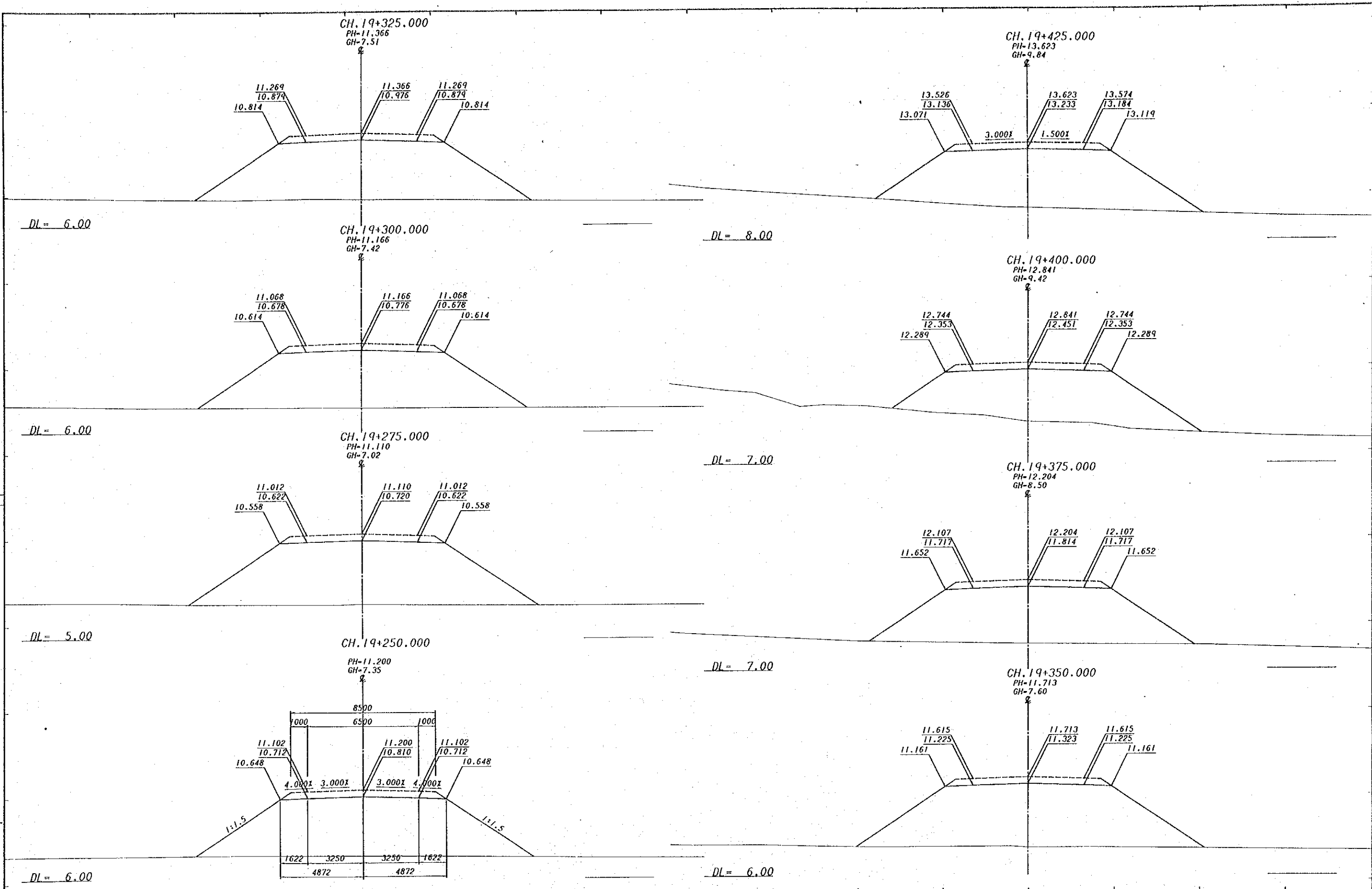
SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO.		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY 25 Sep. 1989 Date		DRAWN K. E. CHECKED DESIGNED PROJECT ENGINEER EXECUTIVE ENGINEER		RECOMMENDED APPROVED PRINCIPAL ENGINEER SECRETARY		SCALES HORIZONTAL & VERTICAL m 1 : 100 SHEET 185 OF 281		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 18 + 675 — CH. 18 + 825 PAPA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87943	
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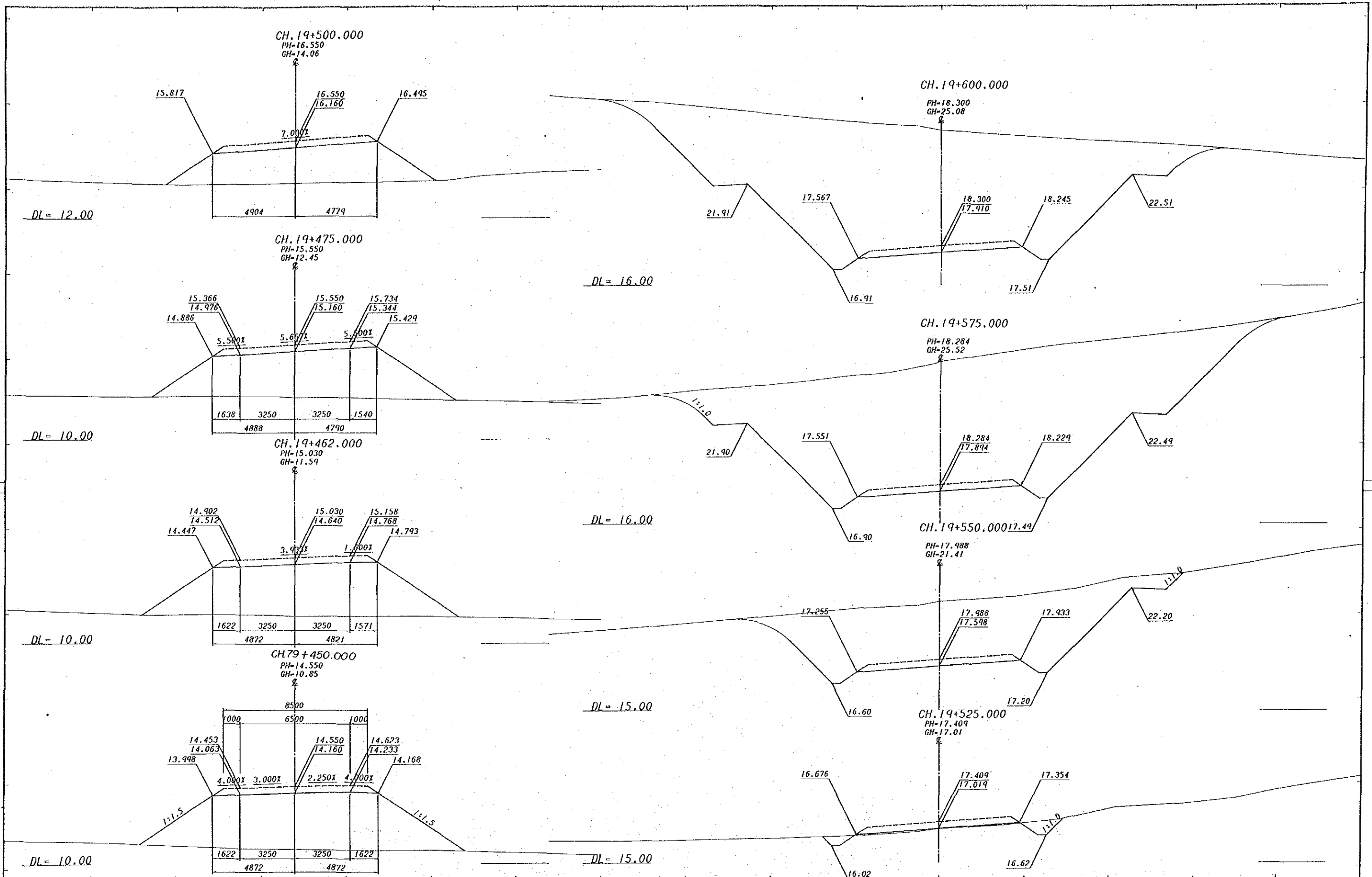
JICA Date: _____ VERTICAL DATUM: MEAN SEA LEVEL HORIZONTAL DATUM: _____ SURVEY BOOK NO. 8: _____		JAPAN INTERNATIONAL CO-OPERATION AGENCY JICA Date: 25 Sep. 1989 Principal: J. Hatanaka		DRAWN: K.E. CHECKED: [Signature] DESIGNED: A. Magara CHECKED: [Signature]		RECOMMENDED: [Signature] PROJECT ENGINEER: [Signature] APPROVED: 24.10.89 PRINCIPAL ENGINEER: [Signature] EXECUTIVE ENGINEER: [Signature]		SCALES: 1:100 HORIZONTAL & VERTICAL m. SHEET 186 OF 281		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 18 + 850 — CH. 19 + 50 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87944	
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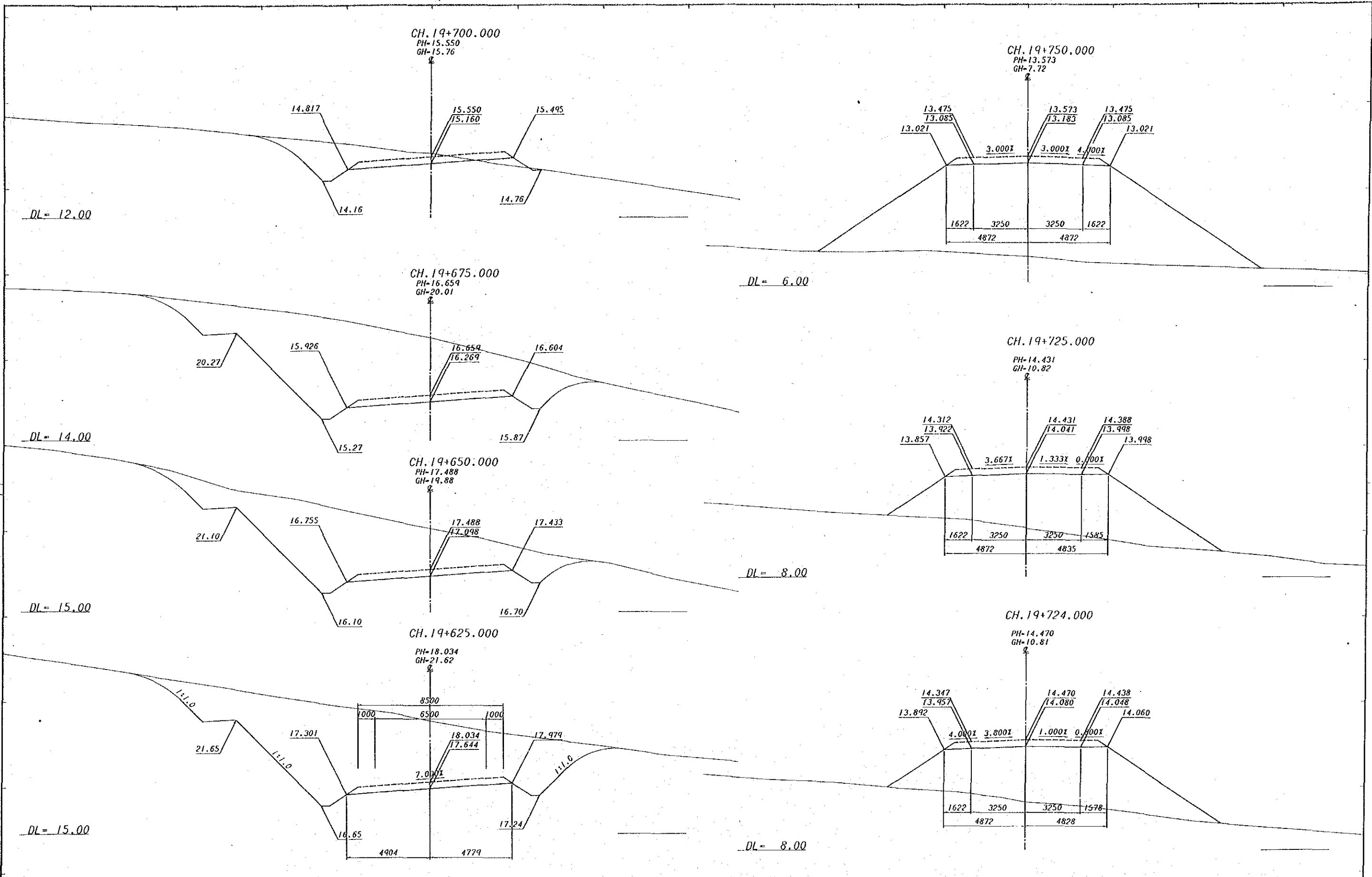
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VERTICAL DATUM MEAN SEA LEVEL		DESIGNED J. H. H. H.		CHECKED A. M. M.		APPROVED 24.10.89		PROJECT No. S.C. 120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
HORIZONTAL DATUM		Date 25 Sep. 1989		PROJECT ENGINEER L. K. L.		SECRETARY J. L. L.		SHEET 187 OF 281		DRAWING No. A1/ 87945	
SURVEY BOOK NO.		Principal		EXECUTIVE ENGINEER W. W. W.						REV.	



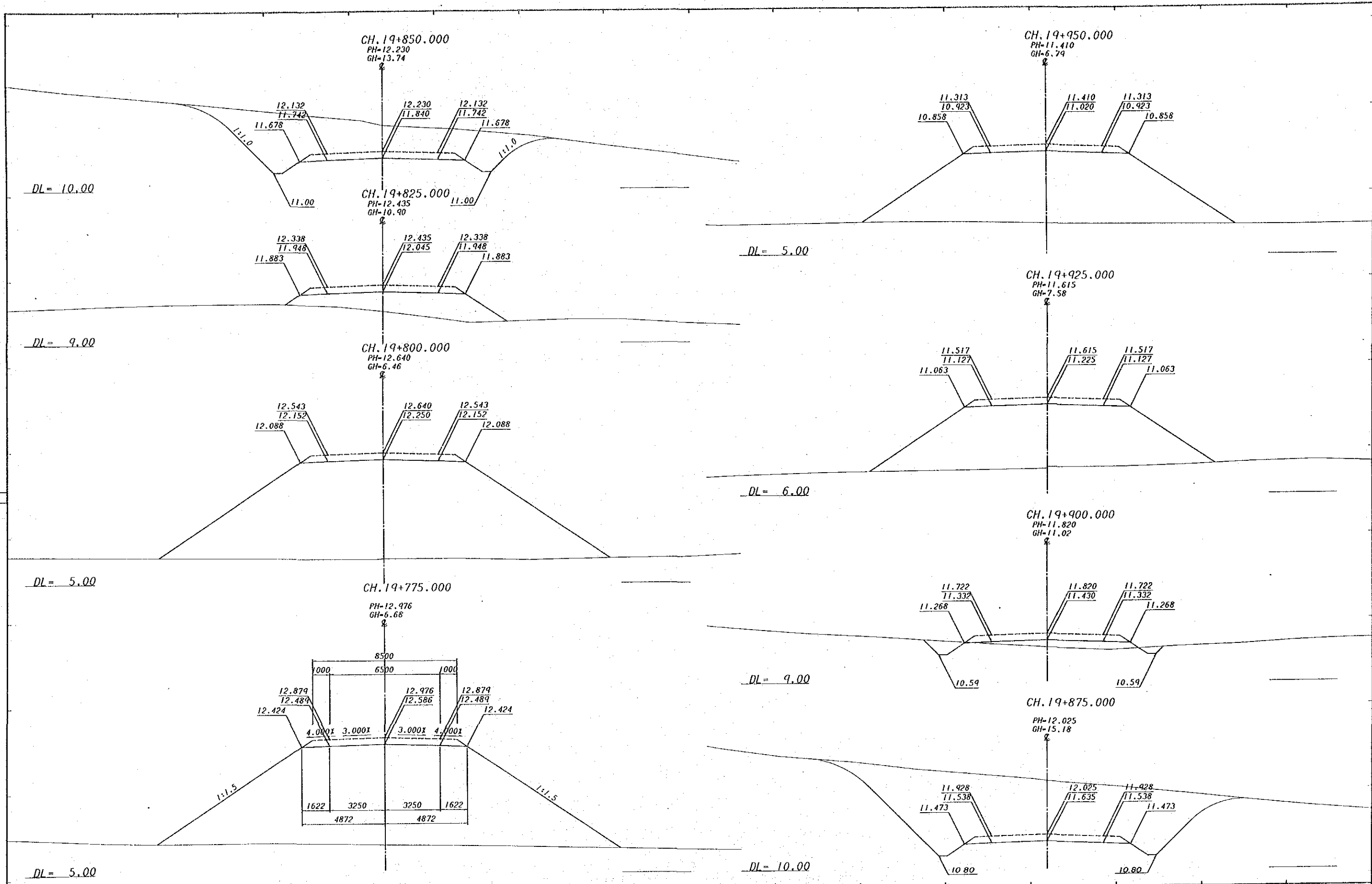
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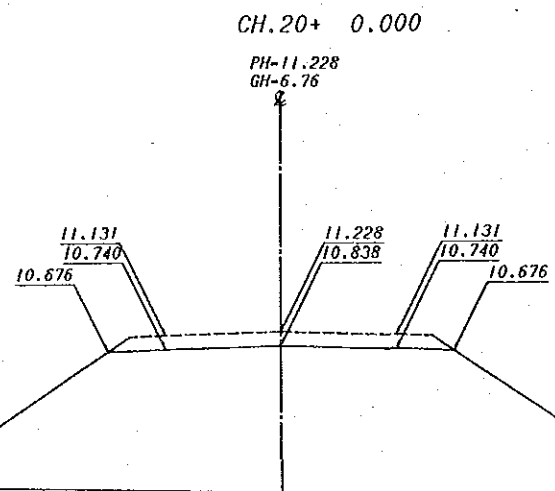
SURVEY JICA		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY	DRAWN K. E.	RECOMMENDED <i>[Signature]</i>	SCALES HORIZONTAL & VERTICAL m. 1 : 100	CENTRAL / GULF PROVINCES	
VERTICAL DATUM Date MEAN SEA LEVEL			CHECKED <i>[Signature]</i>	PROJECT ENGINEER <i>[Signature]</i>		TRANS-ISLAND HIGHWAY BEREINA-MALALAUJA SECTION	
HORIZONTAL DATUM			DESIGNED A. Magaka	APPROVED 24.10.85 <i>[Signature]</i>	CROSS SECTIONS		
SURVEY BOOK REF.		Principal <i>[Signature]</i>	CHECKED Z. Kanani	SECRETARY <i>[Signature]</i>	CH. 19 + 450 — CH. 19 + 600		
REV.	AMENDMENTS	BY	APP'D	DATE	SHEET 189 OF 281	PROJECT No. S.C.120-33-814/A	DRAWING No. A1/ 87947
					PAPUA NEW GUINEA DEPARTMENT OF WORKS		



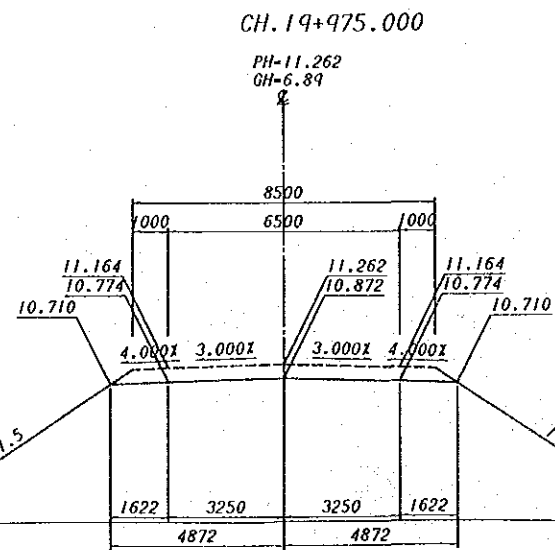
SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY J. H. ... 25 Sep. 1989 Date		DRAWN K.E. CHECKED DESIGNED A. ... CHECKED Z. ...		RECOMMENDED PROJECT ENGINEER APPROVED 21.10.89 SECRETARY		SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 190 OF 281 PROJECT No. S.C.120-33-814/A		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAUUA SECTION CROSS SECTIONS CH. 19 + 625 --- CH. 19 + 750 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87948	
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JICA Date: _____ VERTICAL DATUM: MEAN SEA LEVEL. HORIZONTAL DATUM: _____ SURVEY BOOK No. _____		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY Date: 25 Sep, 1989 Principal: <i>J. M. ...</i>		DRAWN K.E. CHECKED: <i>C.H.</i> DESIGNED: <i>A. Magat</i> CHECKED: <i>Z. K...</i>		RECOMMENDED <i>W. K...</i> PROJECT ENGINEER APPROVED 24.10.89 <i>J. S...</i> EXECUTIVE ENGINEER <i>M.S./16</i> SECRETARY		SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 191 OF 281		CROSS SECTIONS CH. 19 + 775 — CH. 19 + 950 PAPER NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87949	
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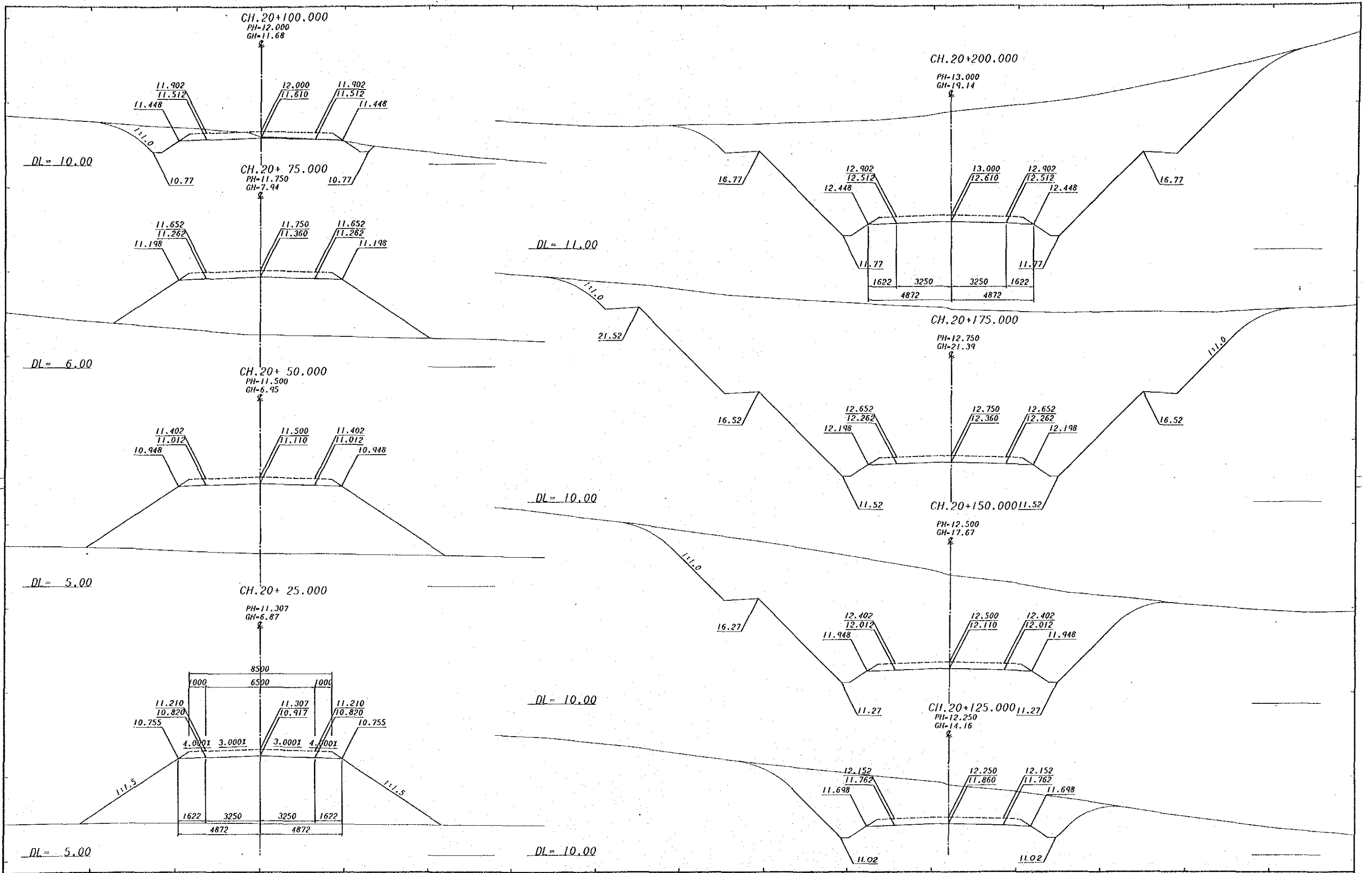


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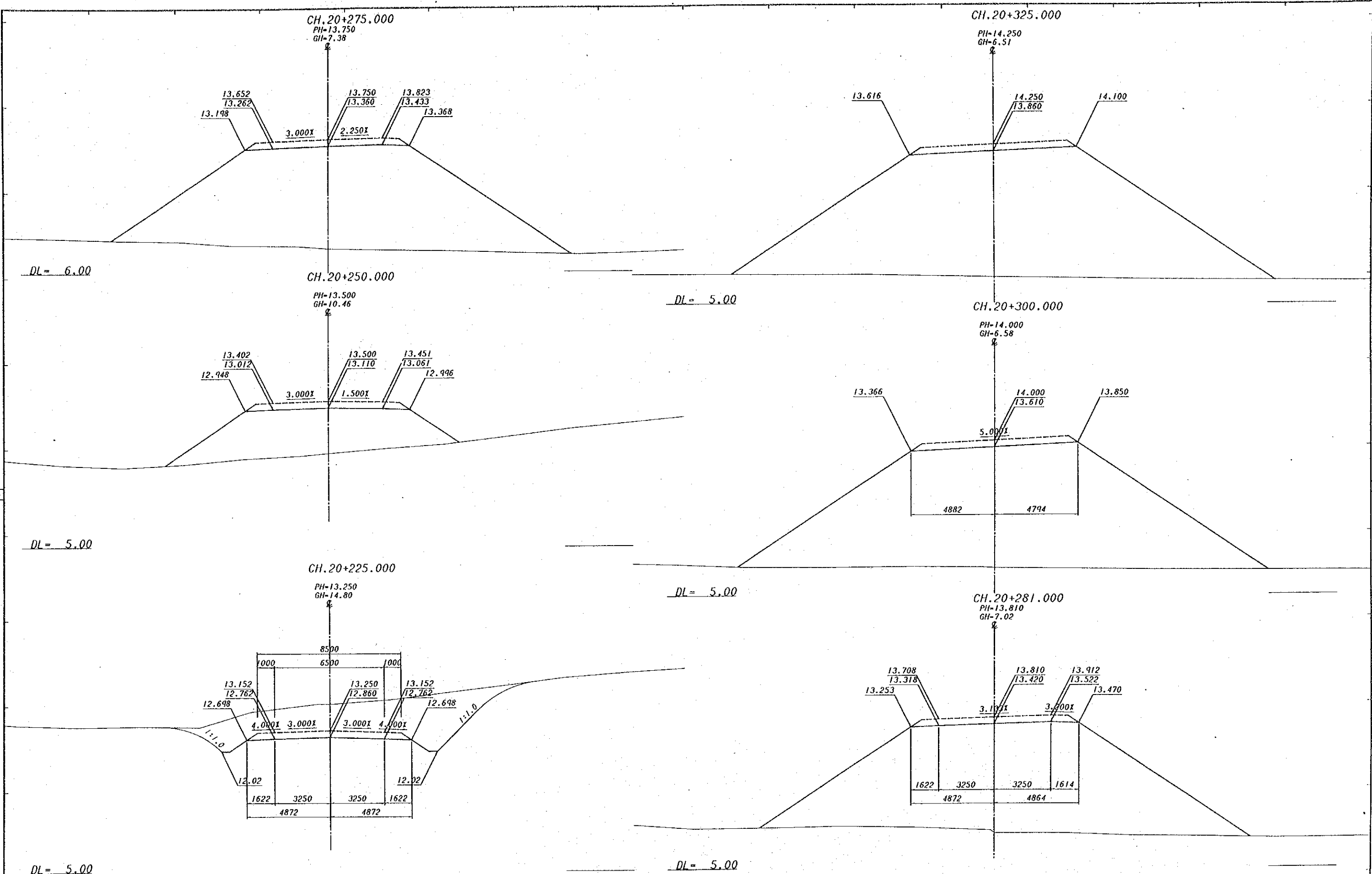


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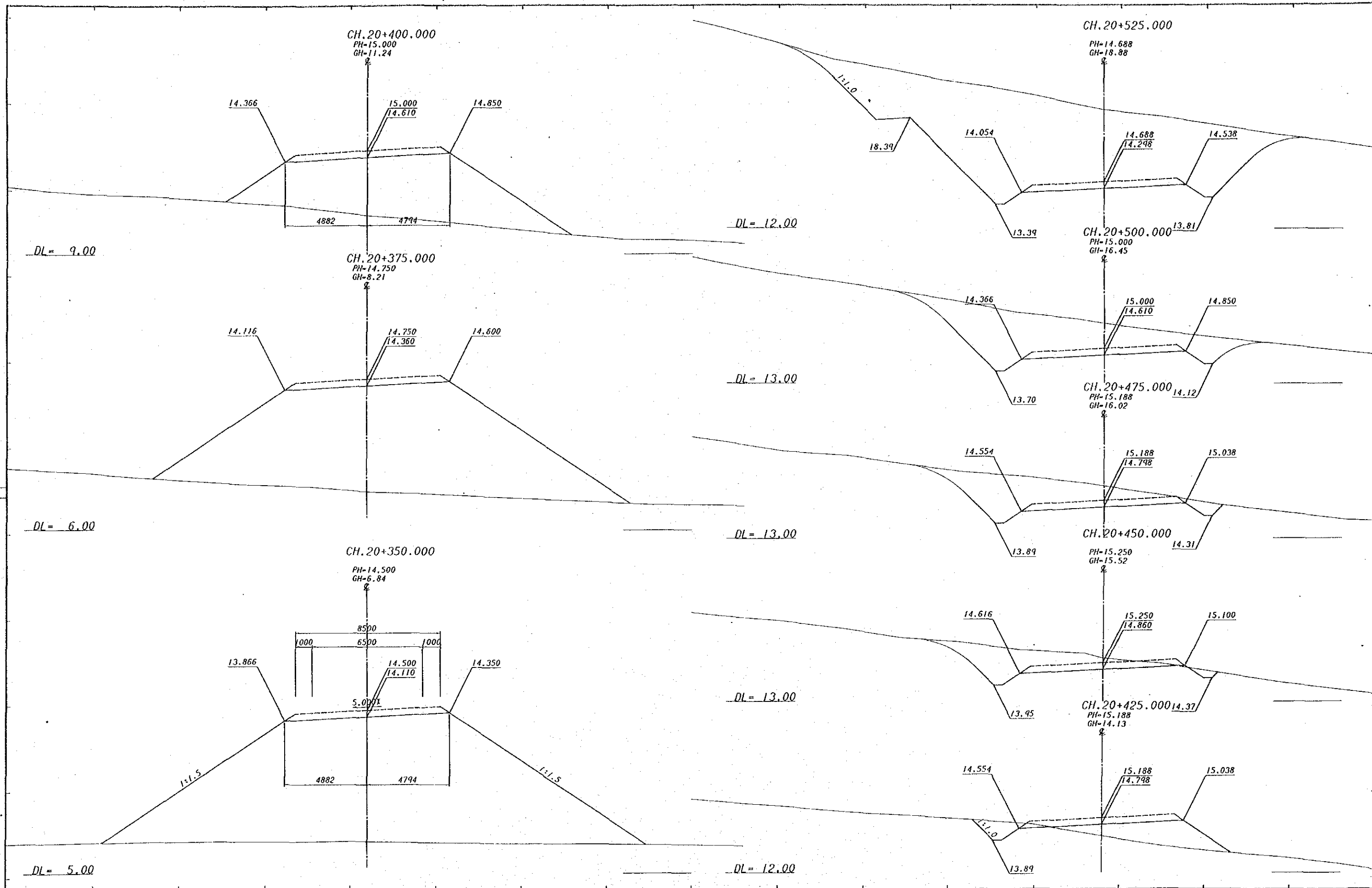
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				VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		PROJECT ENGINEER W. C. ...		APPROVED 24. 10. 89		HORIZONTAL & VERTICAL m. 1 : 100		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
				HORIZONTAL DATUM		25 Sep. 1989		EXECUTIVE ENGINEER H. ...		SECRETARY J. ...		PROJECT No. S.C. 120-33-814/A		CROSS SECTIONS CH. 19 + 975 — CH. 20 + 0	
REV. AMENDMENTS				SURVEY BOOK No.		Date		DATE		SHEET 192 of 281		DRAWING No. A1/ 87950		PAPUA NEW GUINEA DEPARTMENT OF WORKS	



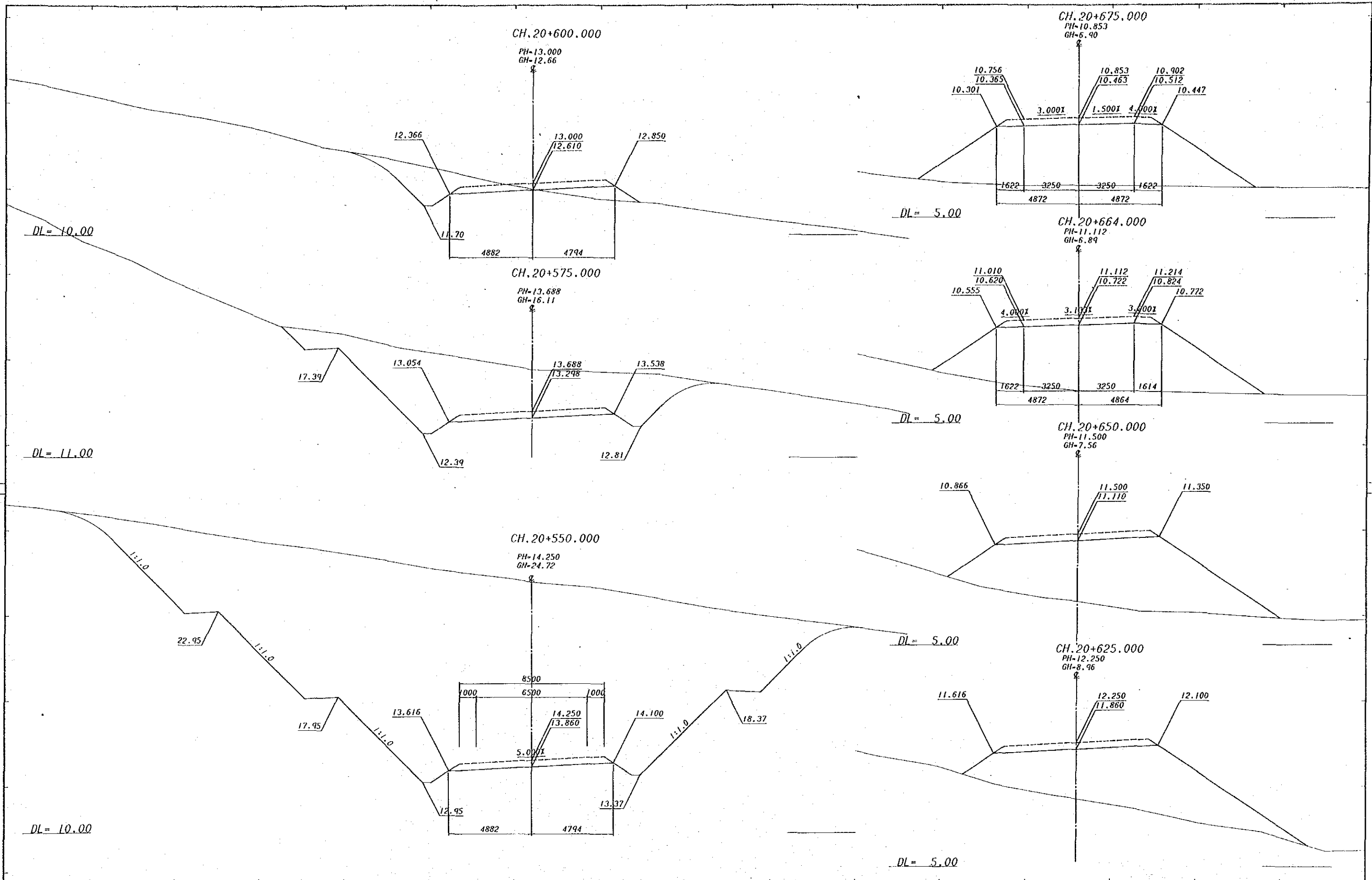
SURVEY JICA Date: _____ VERTICAL DATUM: MEAN SEA LEVEL. HORIZONTAL DATUM: _____ SURVEY BOOK NOS: _____				DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY Date: 25 Sep. 1989 Principal: <i>J. H. ...</i>				DRAWN K. E. CHECKED: <i>...</i> DESIGNED: <i>A. Magata</i> CHECKED: <i>...</i>				RECOMMENDED PROJECT ENGINEER: <i>...</i> APPROVED: <i>...</i> 24.10.89 PRINCIPAL ENGINEER: <i>...</i> EXECUTIVE ENGINEER: <i>...</i> SECRETARY: <i>...</i>				SCALES HORIZONTAL & VERTICAL. m. 1 : 100				CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 20 + 25 — CH. 20 + 200 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87951			
REV. AMENDMENTS		BY	APP'D	DATE	SHEET 193 OF 281		PROJECT No. S.C. 120-33-814/A		DRAWING No. A1/ 87951														



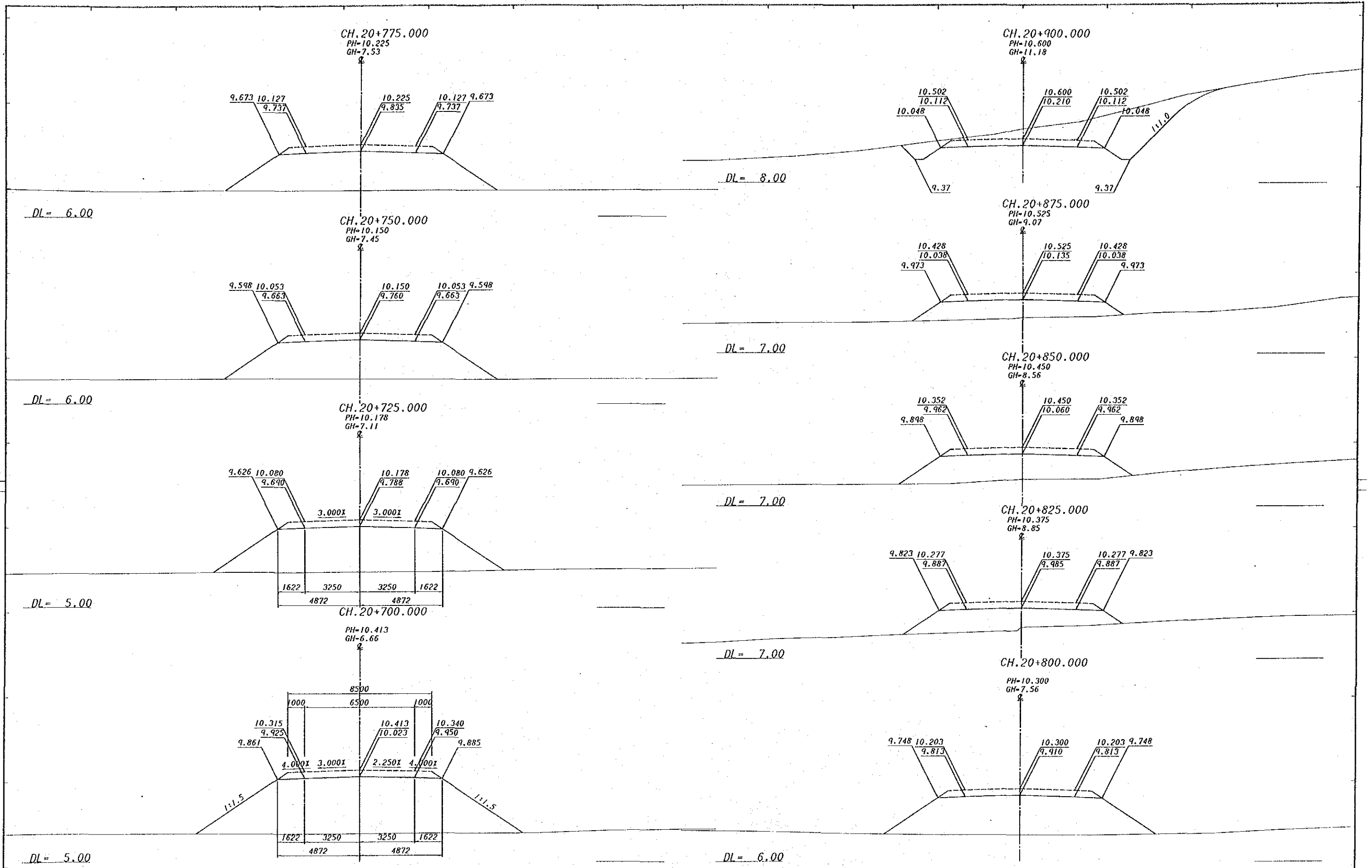
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VERTICAL DATUM MEAN SEA LEVEL		J. H. H. 26 Sep. 1989		PROJECT ENGINEER W. K. L.		APPROVED 24.10.89		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
HORIZONTAL DATUM		Date		CHECKED A. M. P.		SECRETARY F. L. S.		CROSS SECTIONS	
SURVEY BOOK NO.		Date		EXECUTIVE ENGINEER Z. K. S.		SHEET 194 OF 281		CH. 20 + 225 — CH. 20 + 325	
AMENDMENTS		BY APP'D DATE		Date		PROJECT No. S.C.120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
						SCALE HORIZONTAL & VERTICAL m. 1 : 100		DRAWING No. A1/ 87952	



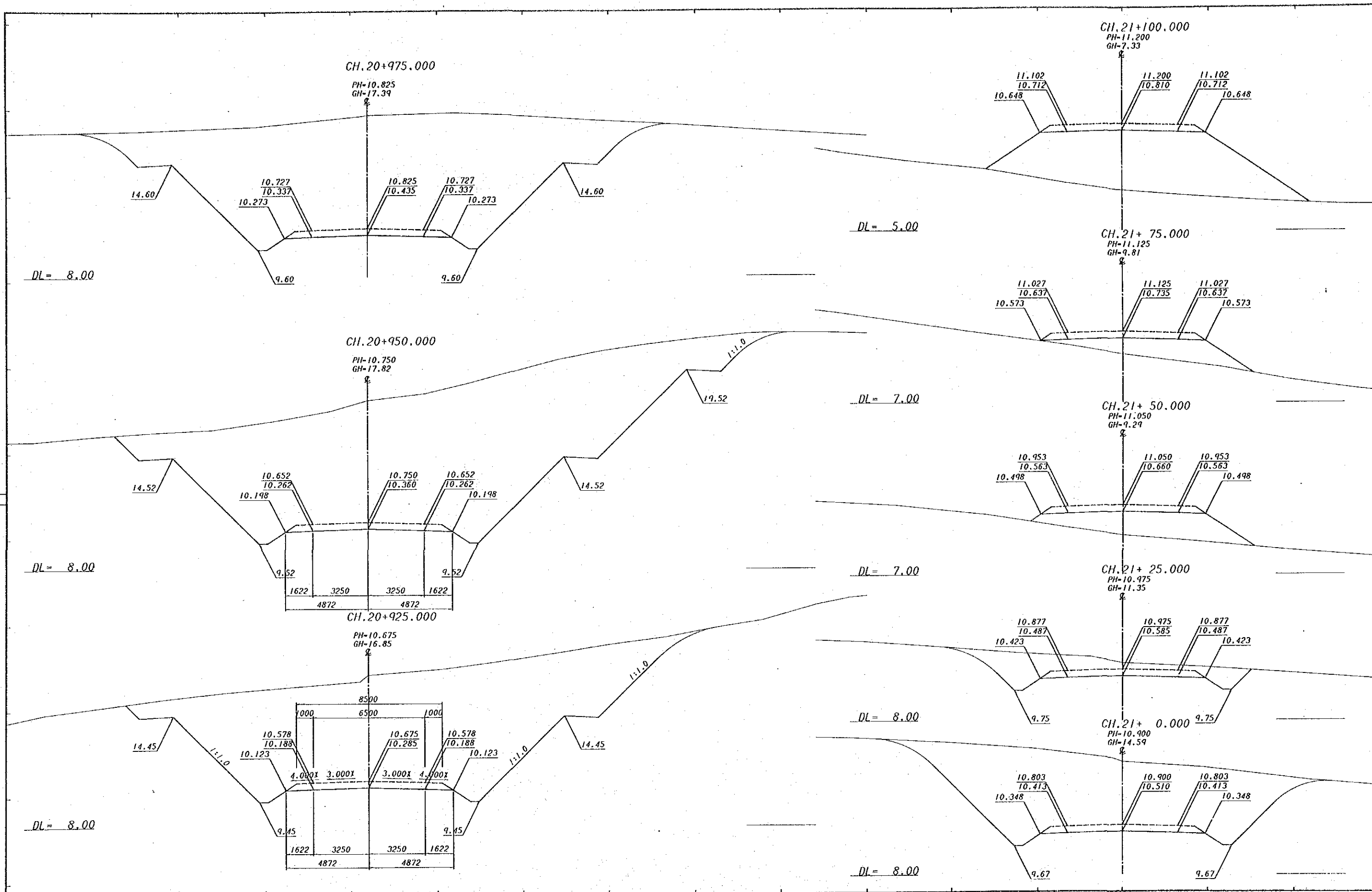
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VERTICAL DATUM MEAN SEA LEVEL.		JAPAN INTERNATIONAL CO-OPERATION AGENCY		CHECKED C.P.H.		PROJECT ENGINEER W. K. ...		PROJECT No. S.C. 120-33-814/A		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
HORIZONTAL DATUM		Principal J. ...		DESIGNED A. ...		APPROVED 24.10.89 T. ...		SHEET 195 OF 281		CROSS SECTIONS CH. 20 + 350 — CH. 20 + 525	
SURVEY BOOK NO. 8		Date 25 Sep. 1989		CHECKED T. ...		EXECUTIVE ENGINEER W. ...		DEPARTMENT OF WORKS		DRAWING No. A1/ 87953	



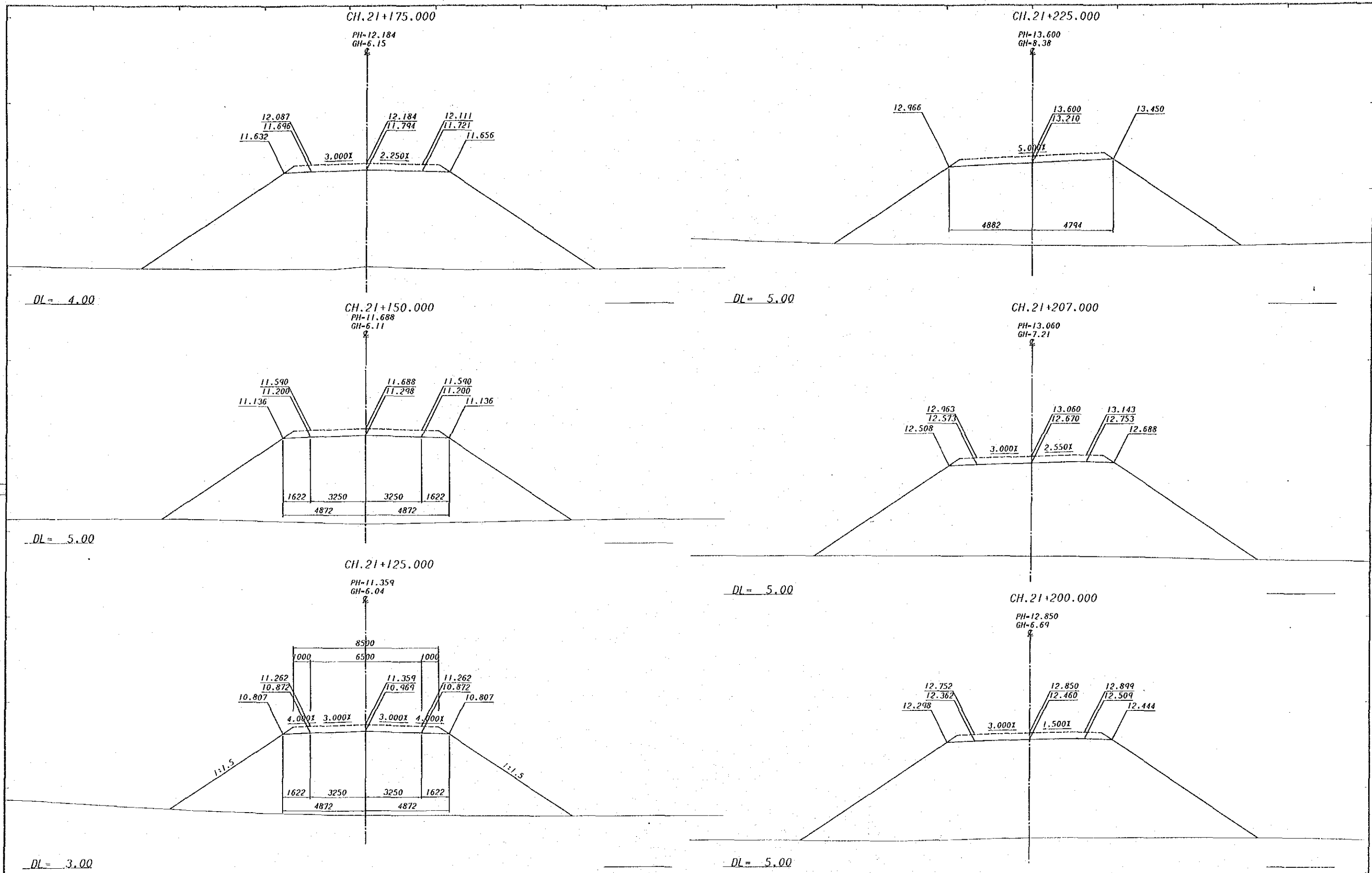
REV		AMENDMENTS		BY	APP'D	DATE	SURVEY		DESIGN		DRAWN		RECOMMENDED		SCALES		CENTRAL / GULF PROVINCES	
							JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K. E.		Principal Engineer		HORIZONTAL & VERTICAL 1 : 100		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
							VERTICAL DATUM MEAN SEA LEVEL.		J. Hahn Principal		Checked A. M. J. K.		Approved 27.10.89		PROJECT No. S.C.120-33-814/A		CROSS SECTIONS	
							HORIZONTAL DATUM		25 Sep. 1989 Date		Executive Engineer		SECRETARY		SHEET 196 OF 281		CH. 20 + 550 — CH. 20 + 675	
							SURVEY BOOK No. 8								PAPUA NEW GUINEA		DRAWING No. A1/ 87954	
															DEPARTMENT OF WORKS			



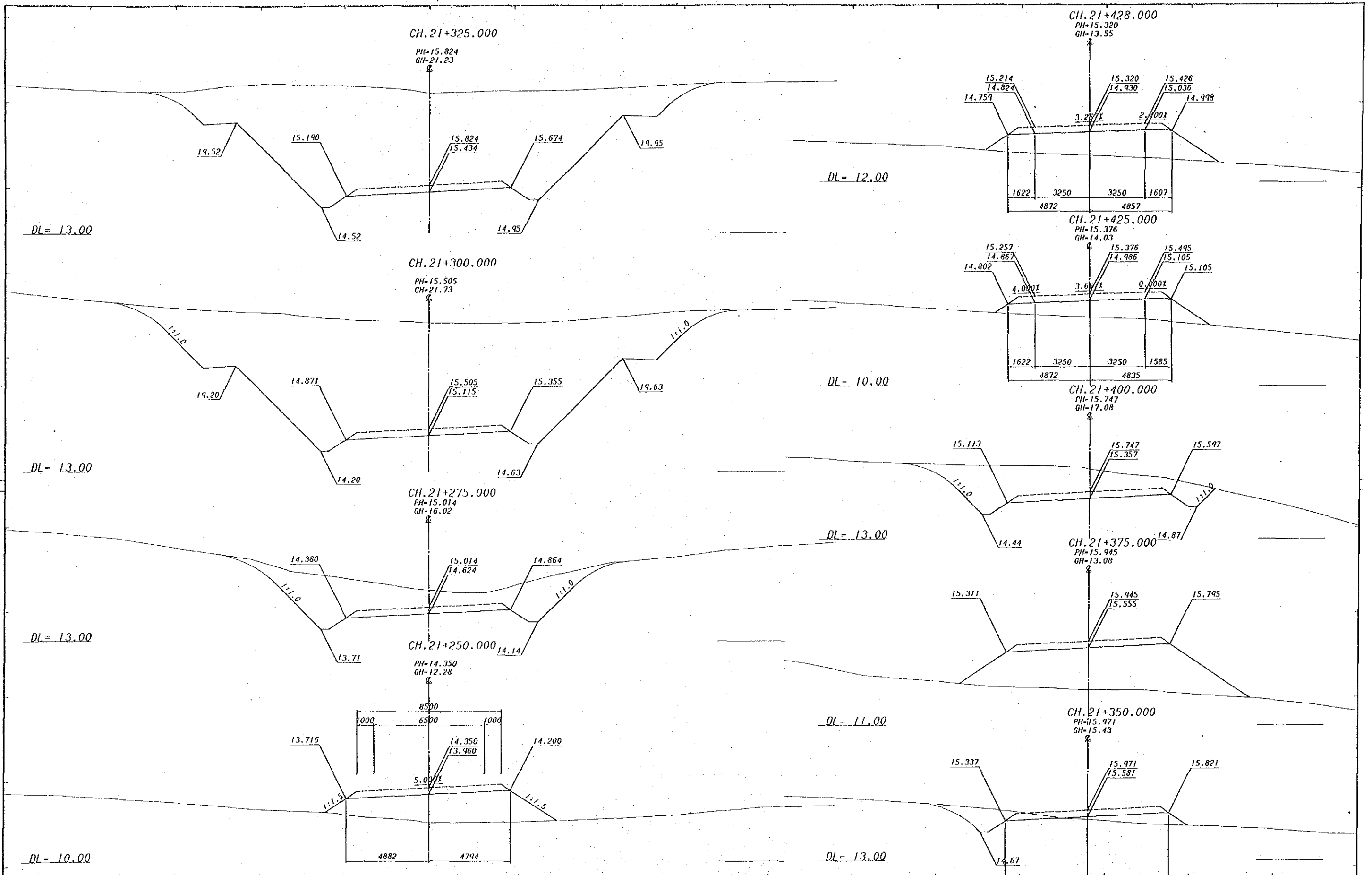
REV. AMENDMENTS BY APP'D DATE		SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO.	DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY J. H. H. H. H. 25 Sep. 1989 Date	DRAWN K. E. CHECKED DESIGNED CHECKED	RECOMMENDED PROJECT ENGINEER APPROVED EXECUTIVE ENGINEER SECRETARY	SCALES HORIZONTAL & VERTICAL m 1 : 100 SHEET 197 OF 281	CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 20 + 700 --- CH. 20 + 900 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87955
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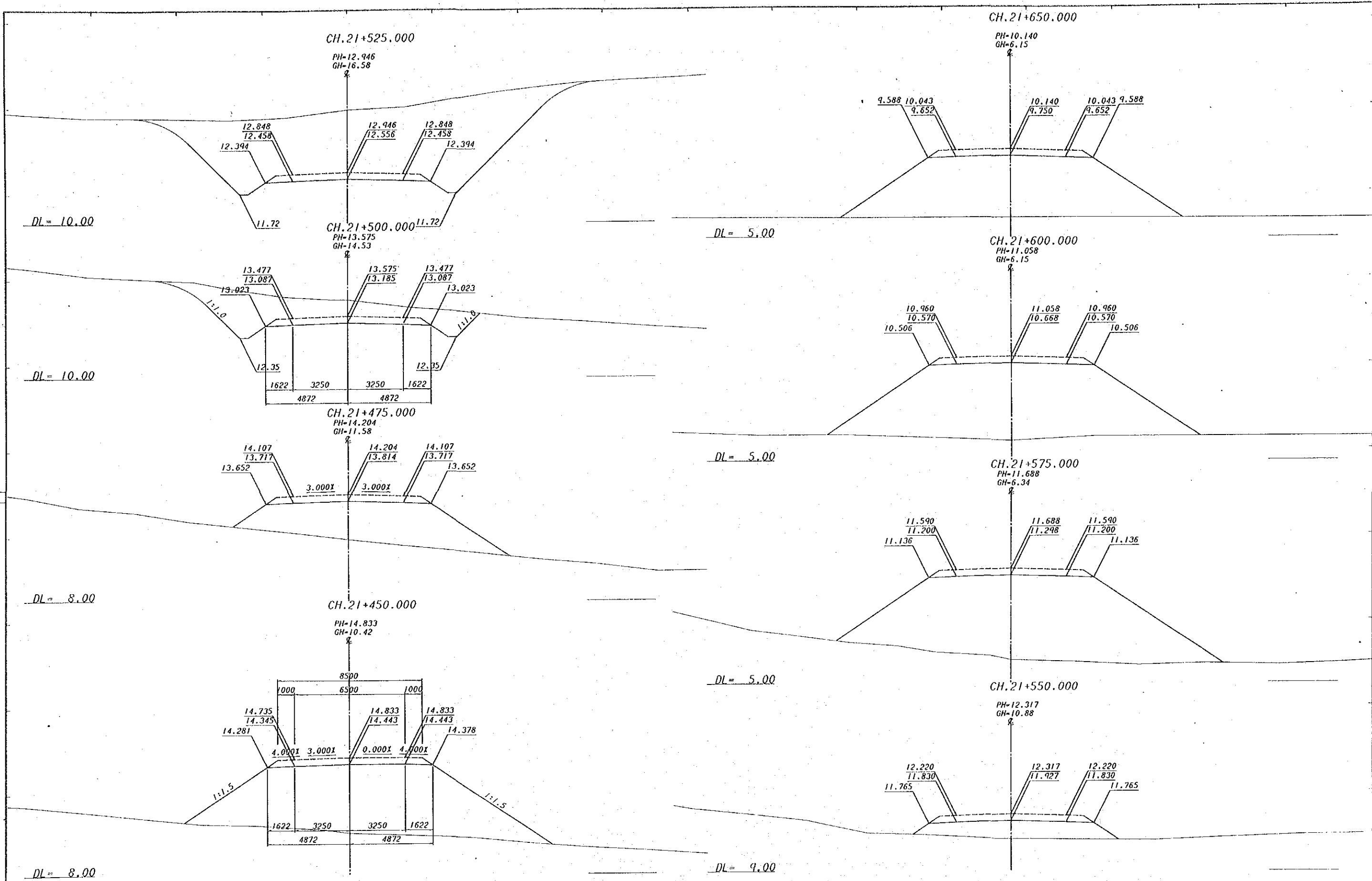
SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO.		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY J. H. H. H. H. 25 Sep. 1989 Date		DRAWN K. E. CHECKED A. Magallo DESIGNED A. Magallo CHECKED Z. K.		PROJECT ENGINEER PRINCIPAL ENGINEER APPROVED 26. 10. 89 EXECUTIVE ENGINEER SECRETARY		RECOMMENDED SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 198 OF 281 PROJECT No. S.C. 120-33-814/A		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BERBINA-MALALAU SECTION CROSS SECTIONS CH. 20 + 925 — CH. 21 + 100 PAPA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87956	
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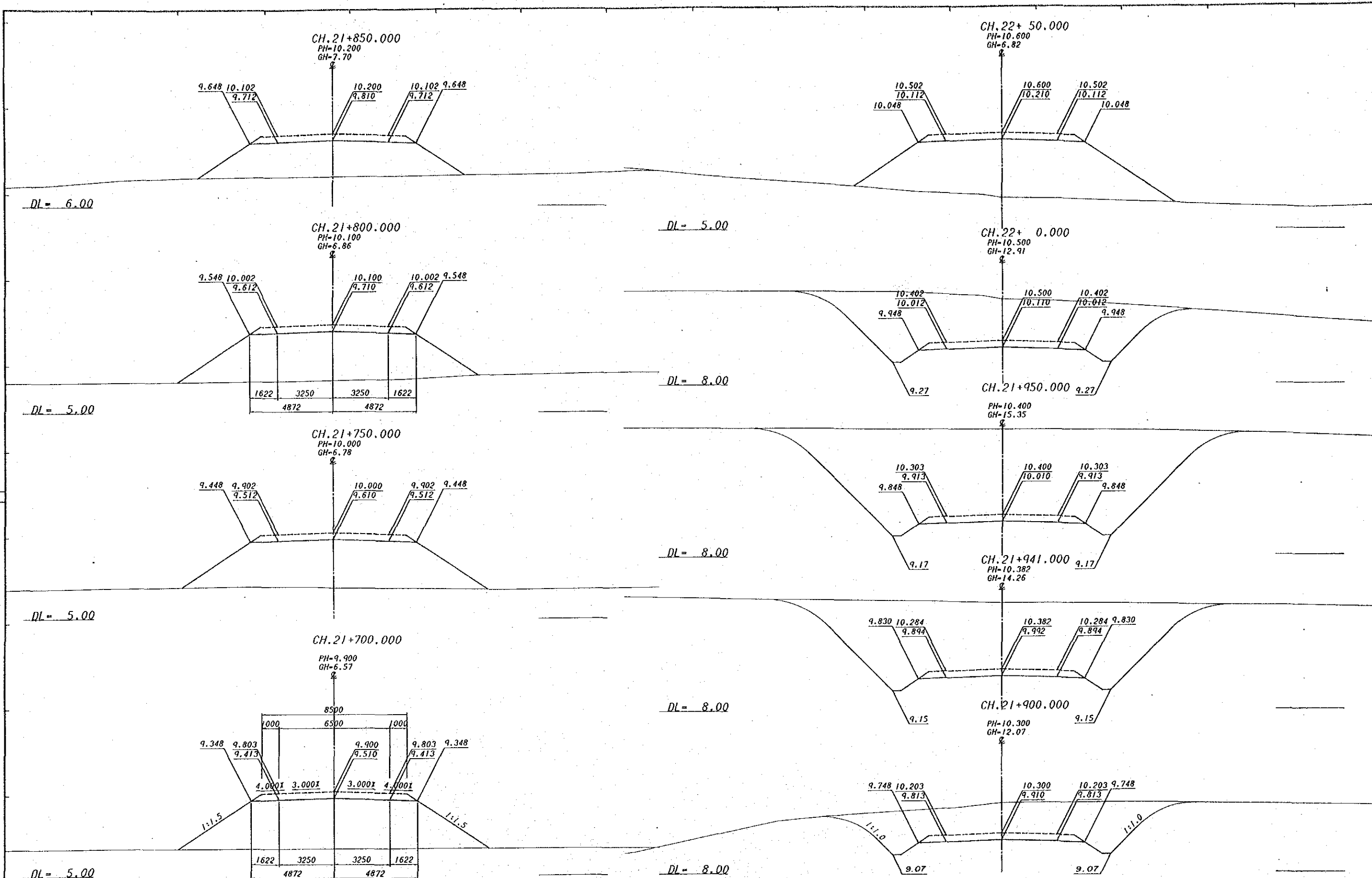
SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL. HORIZONTAL DATUM SURVEY BOOK N ^o s		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY J. H. ... 25 Sep. 1989 Date		DRAWN K. E. CHECKED DESIGNED CHECKED		RECOMMENDED PROJECT ENGINEER APPROVED PRINCIPAL ENGINEER SECRETARY		SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 199 OF 281		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 21 + 125 — CH. 21 + 225 PAPA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87957	
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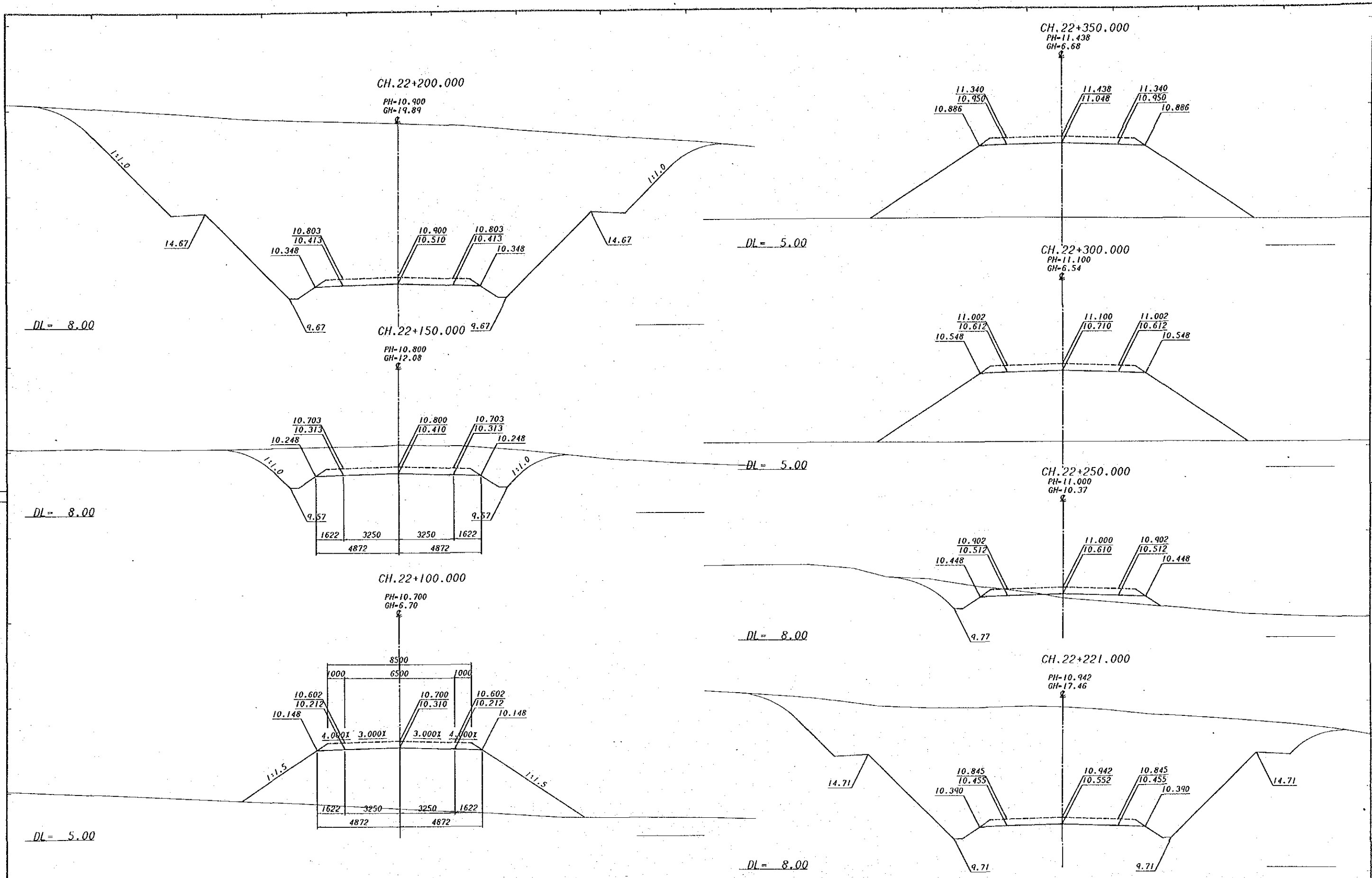
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VERTICAL DATUM MEAN SEA LEVEL		J. Anderson Principal		CHECKED C.S.P.		PROJECT ENGINEER W.K.		APPROVED 24.10.89		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
HORIZONTAL DATUM		25 Sep. 1989 Date		CHECKED A. Megala		EXECUTIVE ENGINEER		SHEET 200 OF 281		CROSS SECTIONS CH. 21 + 250 — CH. 21 + 428	
SURVEY BOOK N.B.		Date		CHECKED Z. Kaulani		SECRETARY		PROJECT No. S.C. 120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
REV.		AMENDMENTS		BY		APP'D		DATE		DRAWING No. A1/ 87958	



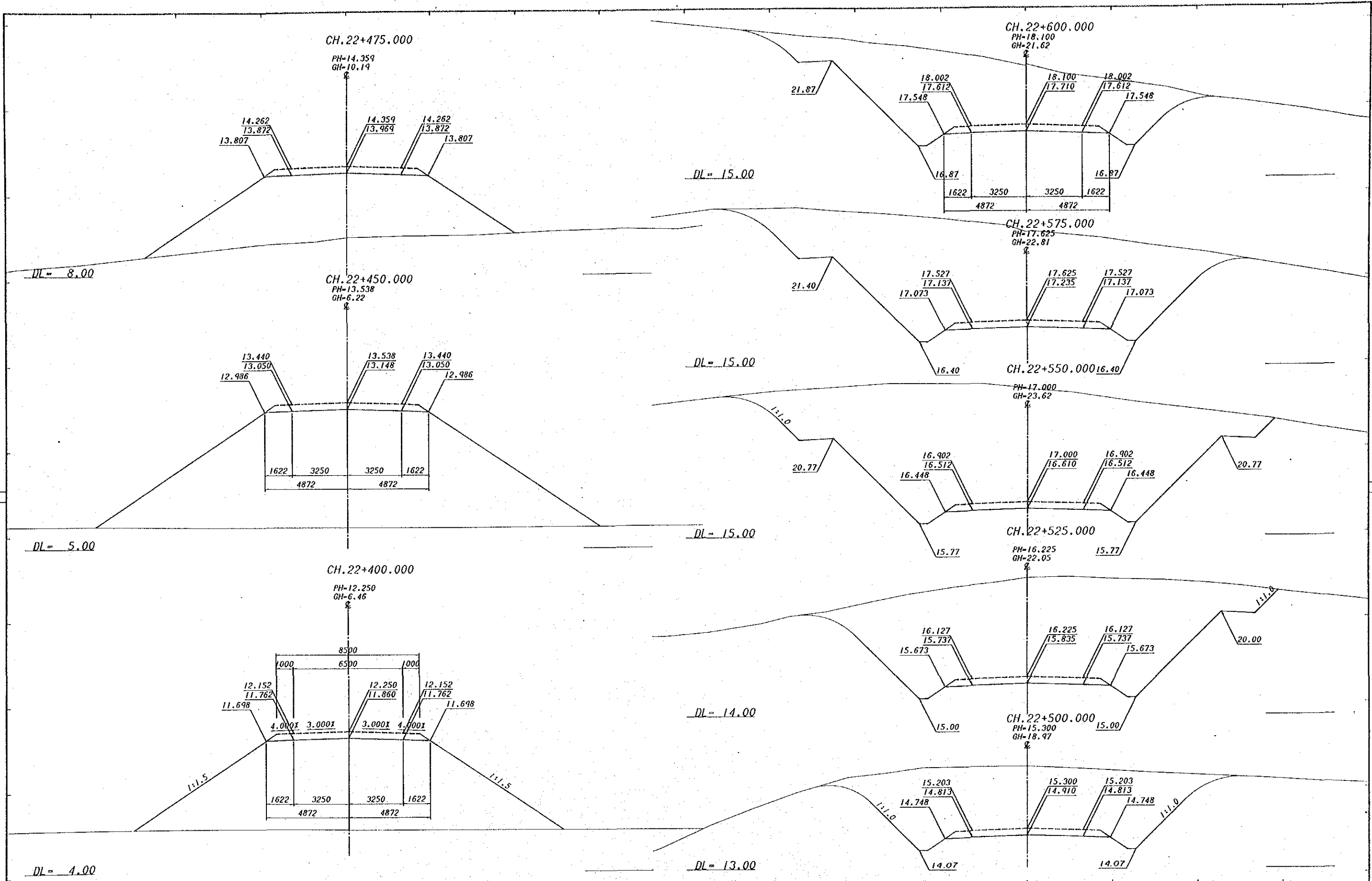
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VERTICAL DATUM MEAN SEA LEVEL		J. Nishida Principal		CHECKED A. Megatho		APPROVED 26.10.89 Secretary		PROJECT No. S.C. 120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
HORIZONTAL DATUM		25 Sep. 1989 Date		EXECUTIVE ENGINEER		SECRETARY		SHEET 201 OF 281		DRAWING No. A1/ 87959	
REV.	AMENDMENTS	BY	APP'D	DATE							REV.



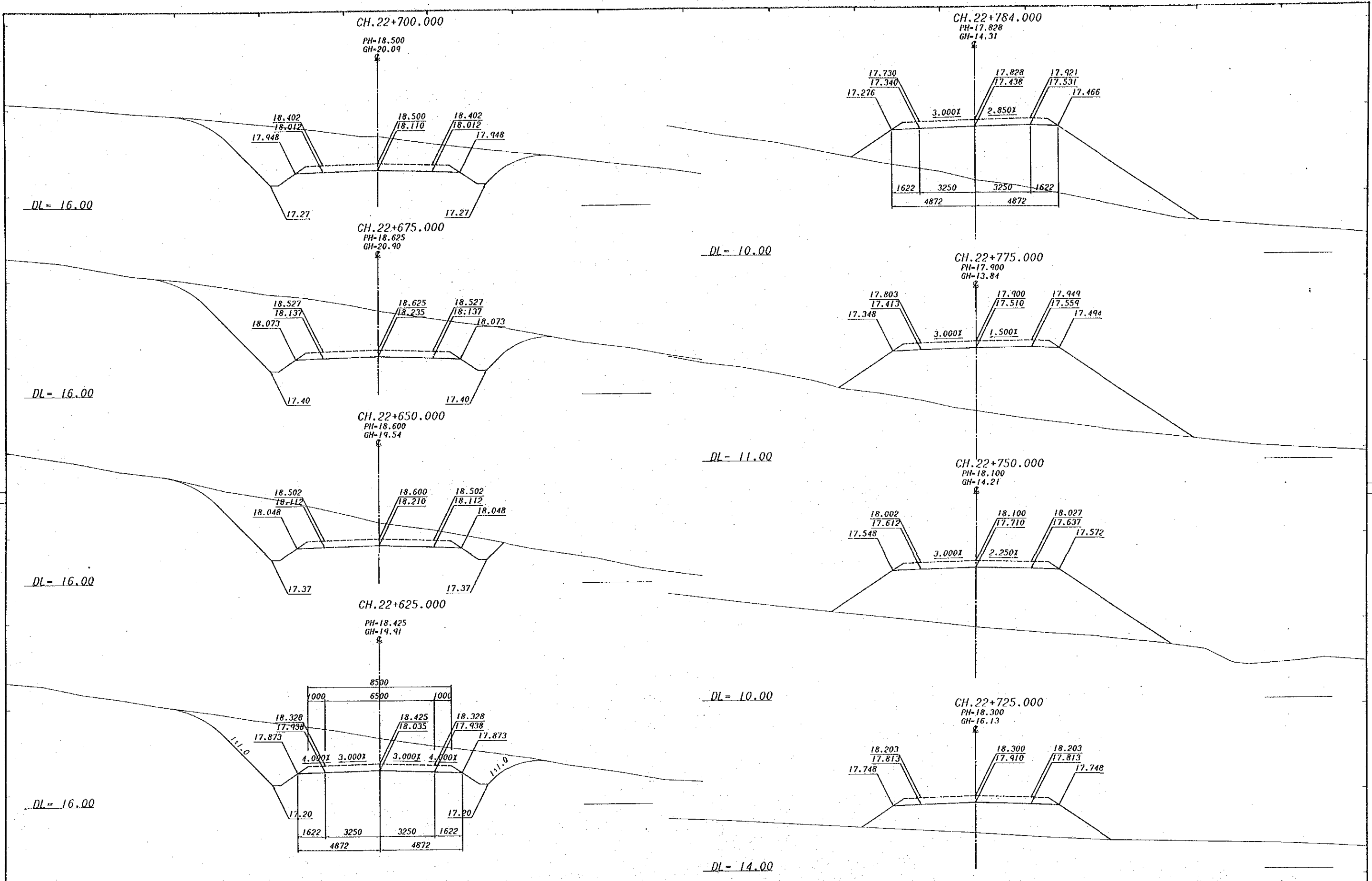
AMENDMENTS		BY	APP'D	DATE	SURVEY		DESIGN		DRAWN		RECOMMENDED		SCALES		CENTRAL / GULF PROVINCES	
					JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K.E.		Principal Engineer		1:100		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
					VERTICAL DATUM MEAN SEA LEVEL		J. Huhel Principal		PROJECT ENGINEER		APPROVED		HORIZONTAL & VERTICAL m.		CROSS SECTIONS	
					HORIZONTAL DATUM		28 Sep. 1989		EXECUTIVE ENGINEER		24. 10. 89		1:100		CH. 21 + 700 — CH. 22 + 50	
					SURVEY BOOK N°S		Date		2 Kanlon		SECRETARY		SHEET 202 OF 281		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
											PROJECT No. S.C. 120-33-814/A		DRAWING No. A1/ 87960		REV.	



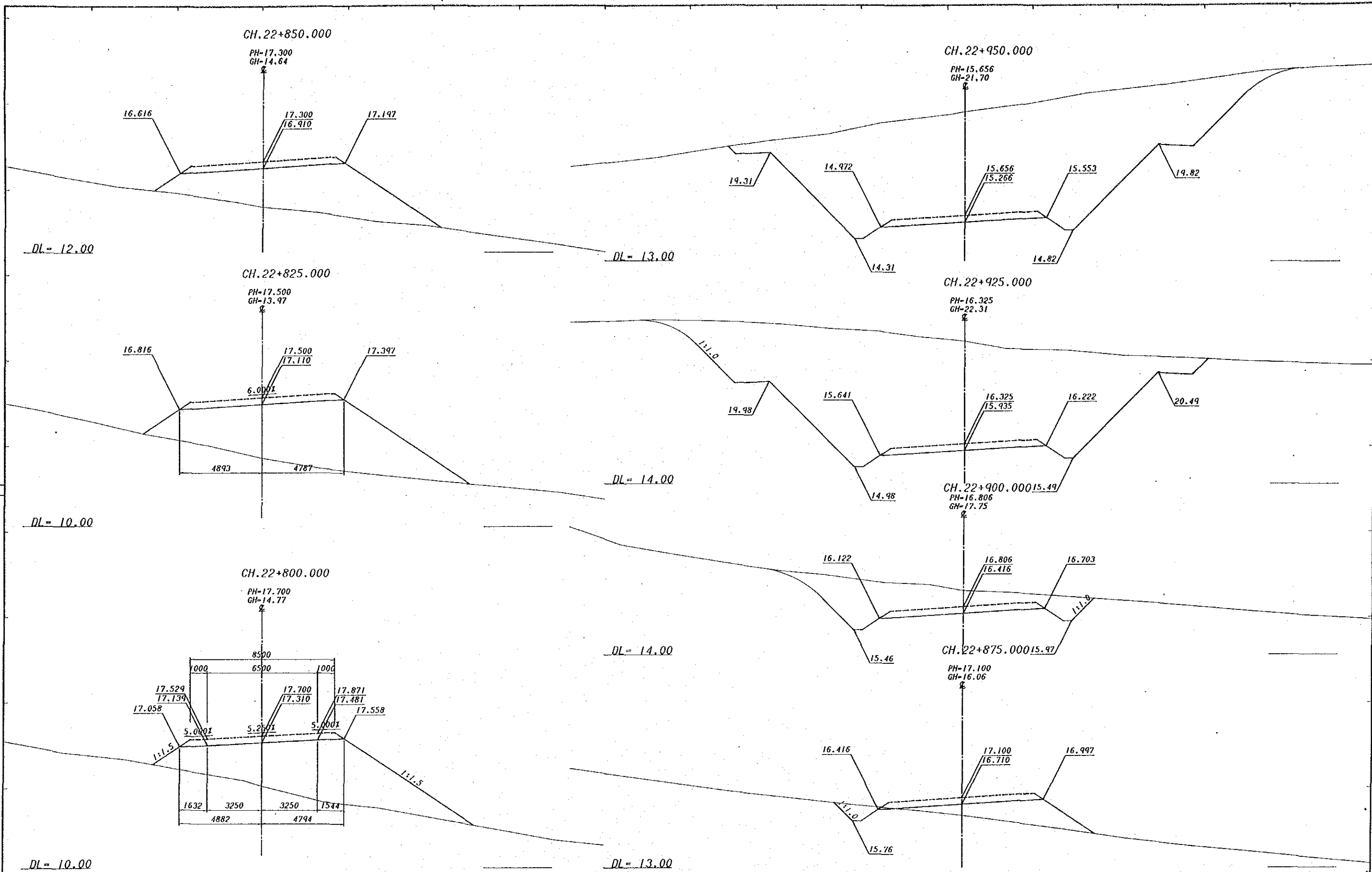
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VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		PROJECT ENGINEER [Signature]		PRINCIPAL ENGINEER [Signature]		APPROVED 24.10.89		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
HORIZONTAL DATUM		Principal [Signature] 25 Sep. 1989		EXECUTIVE ENGINEER [Signature]		SECRETARY [Signature]		SHEET 203 OF 281		PROJECT No. S.C.120-33-814/A	
SURVEY BOOK REF		Date		Date		Date		DEPARTMENT OF WORKS		DRAWING No. A1/ 87961	



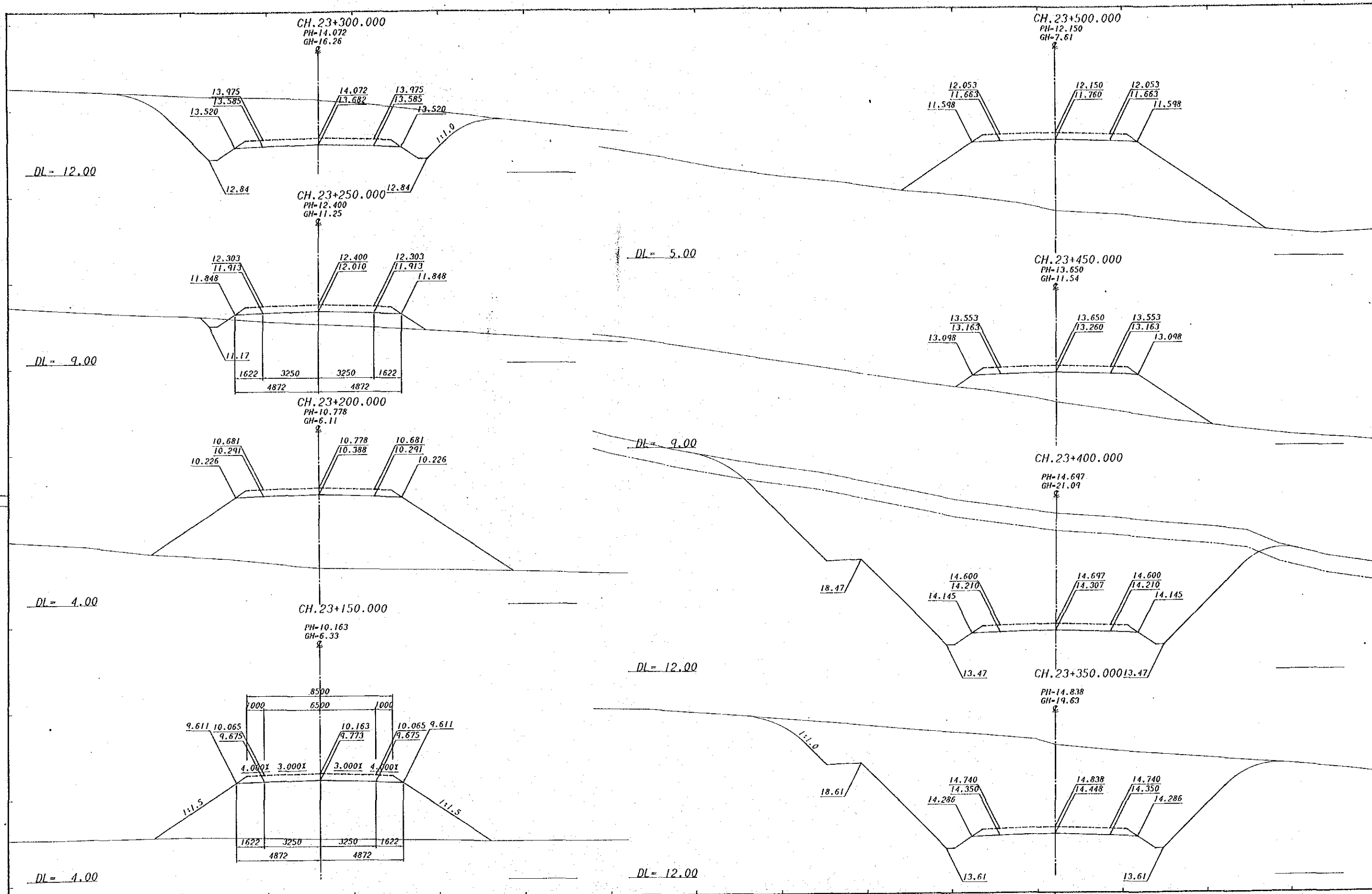
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					JICA	JAPAN INTERNATIONAL CO-OPERATION AGENCY	K.E.	<i>[Signature]</i>		TRANS-ISLAND HIGHWAY BEREINA-MALALUA SECTION			
					VERTICAL DATUM MEAN SEA LEVEL		CHECKED <i>[Signature]</i>	PROJECT ENGINEER	HORIZONTAL & VERTICAL m. 1 : 100	CROSS SECTIONS			
					HORIZONTAL DATUM		DESIGNED <i>[Signature]</i>	APPROVED <i>[Signature]</i>		CH. 22 + 400	CH. 22 + 600		
					SURVEY BOOK NO.	<i>[Signature]</i> Principal	25 Sep. 1989 Date	CHECKED <i>[Signature]</i>	EXECUTIVE ENGINEER	SHEET 204 OF 281	PROJECT No. S.C.120-33-814/A	PAPUA NEW GUINEA DEPARTMENT OF WORKS	DRAWING No. A1/ 87962



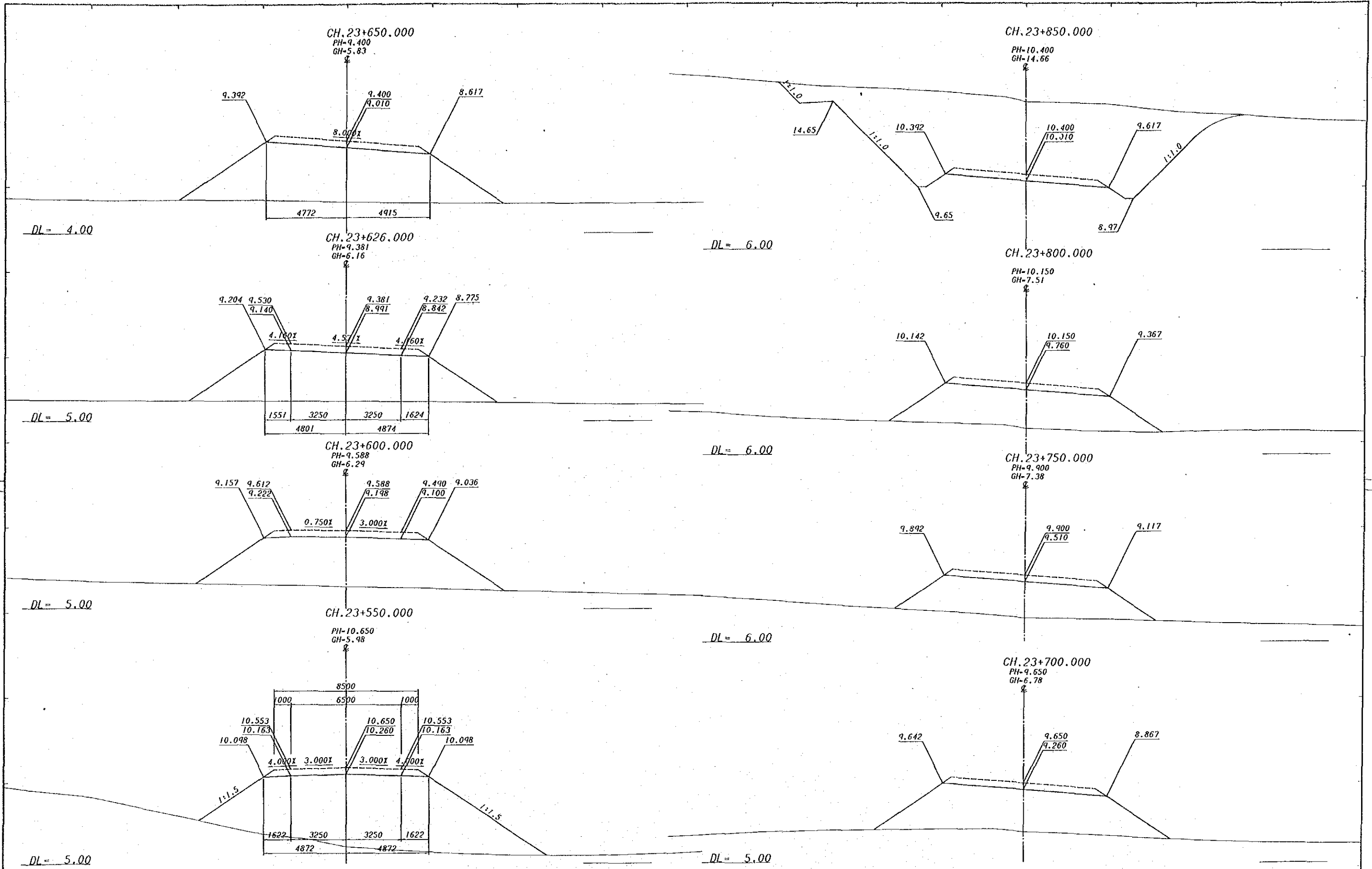
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VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		PROJECT ENGINEER		APPROVED 29.10.89		PROJECT No. S.C.120-33-814/A		TRANS-ISLAND HIGHWAY BEREINA-MALALUA SECTION	
HORIZONTAL DATUM		Principal		EXECUTIVE ENGINEER		SECRETARY		SHEET 205 of 281		CROSS SECTIONS	
SURVEY BOOK No.		25 Sep. 1989		Date		Date		DEPARTMENT OF WORKS		DRAWING No. A1/ 87963	
REV.	AMENDMENTS	BY	APP'D	DATE							



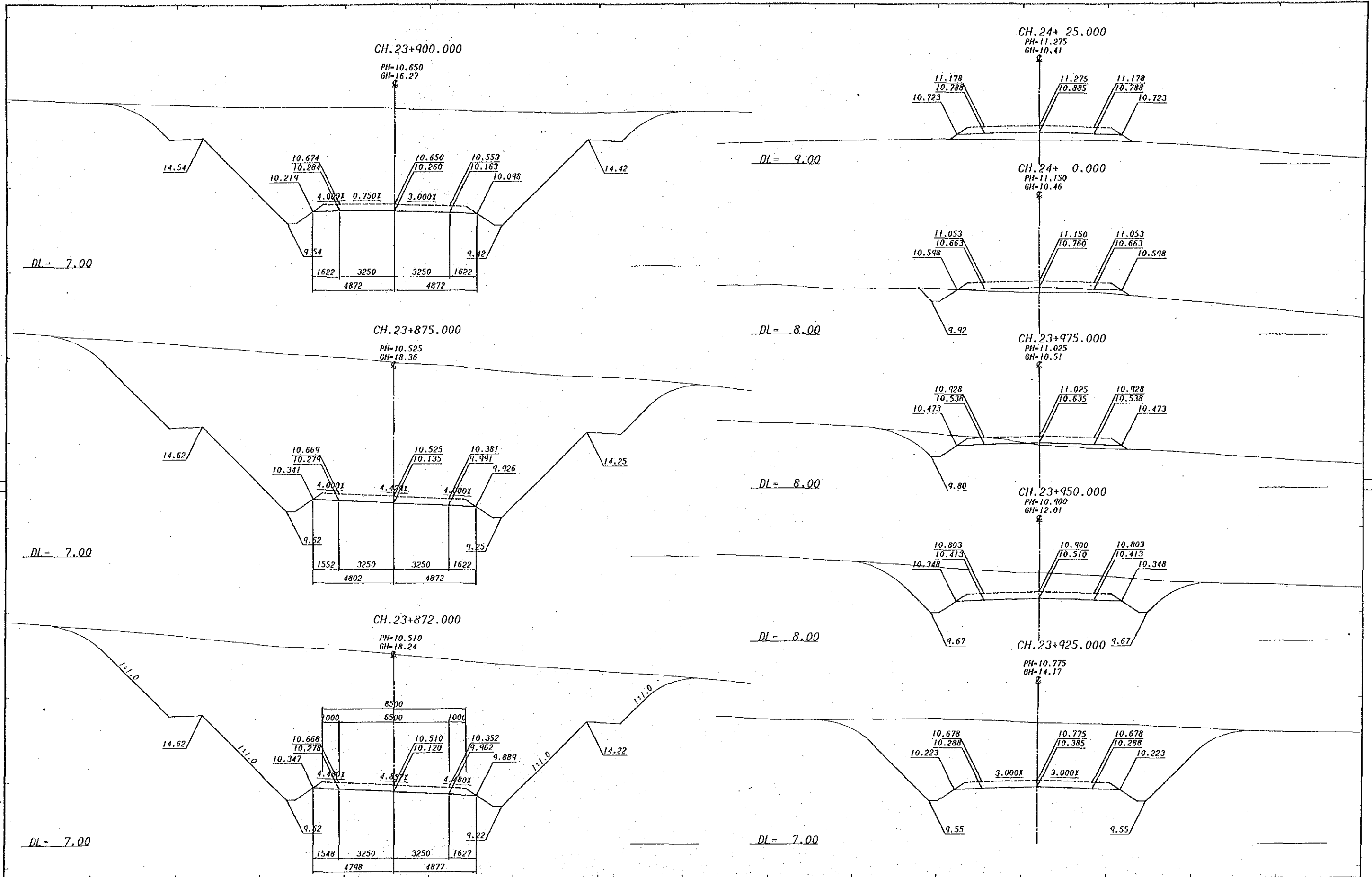
AMENDMENTS			SURVEY JICA Date		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY S. Haido Principal 25 Sep. 1989 Date		DRAWN K. E. CHECKED DESIGNED CHECKED		RECOMMENDED PROJECT ENGINEER APPROVED PRINCIPAL ENGINEER EXECUTIVE ENGINEER		SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 206 OF 281		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 22 + 800 — CH. 22 + 950 PAPUA NEW GUINEA DEPARTMENT OF WORKS PROJECT No. S.C. 120-33-814/A DRAWING No. A1/ 87964	
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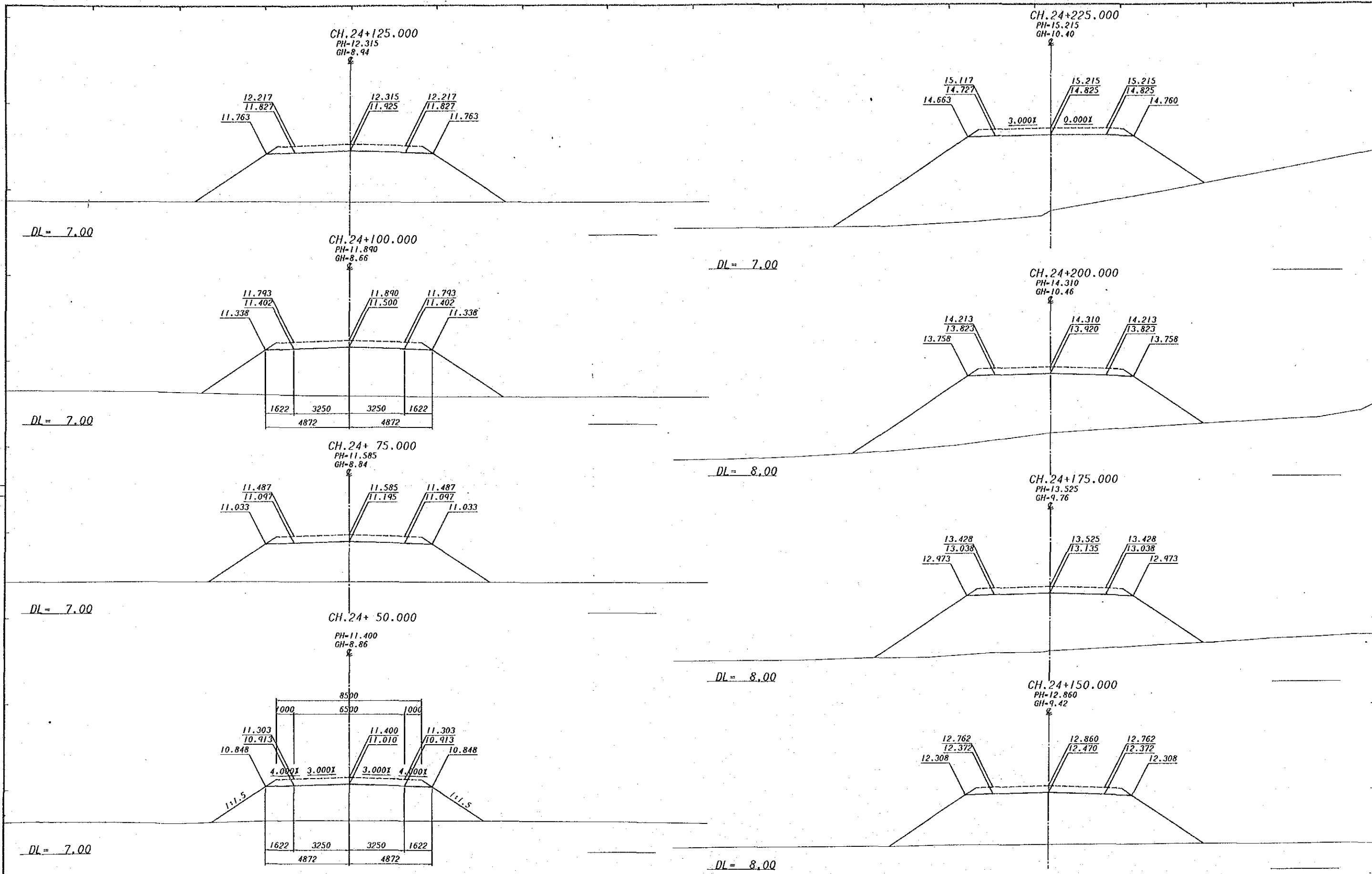
JICA SURVEY Date: _____ VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO. S		JAPAN INTERNATIONAL CO-OPERATION AGENCY Date: 25 Sep. 1989 Principal		K.E. CHECKED: <i>[Signature]</i> DESIGNED: <i>[Signature]</i> CHECKED: <i>[Signature]</i>		PROJECT ENGINEER <i>[Signature]</i> PRINCIPAL ENGINEER <i>[Signature]</i> APPROVED 24.10.89 <i>[Signature]</i> EXECUTIVE ENGINEER <i>[Signature]</i>		SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 208 OF 281		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 23 + 150 — CH. 23 + 500 PAPUA NEW GUINEA DEPARTMENT OF WORKS		DRAWING No. A1/ 87966
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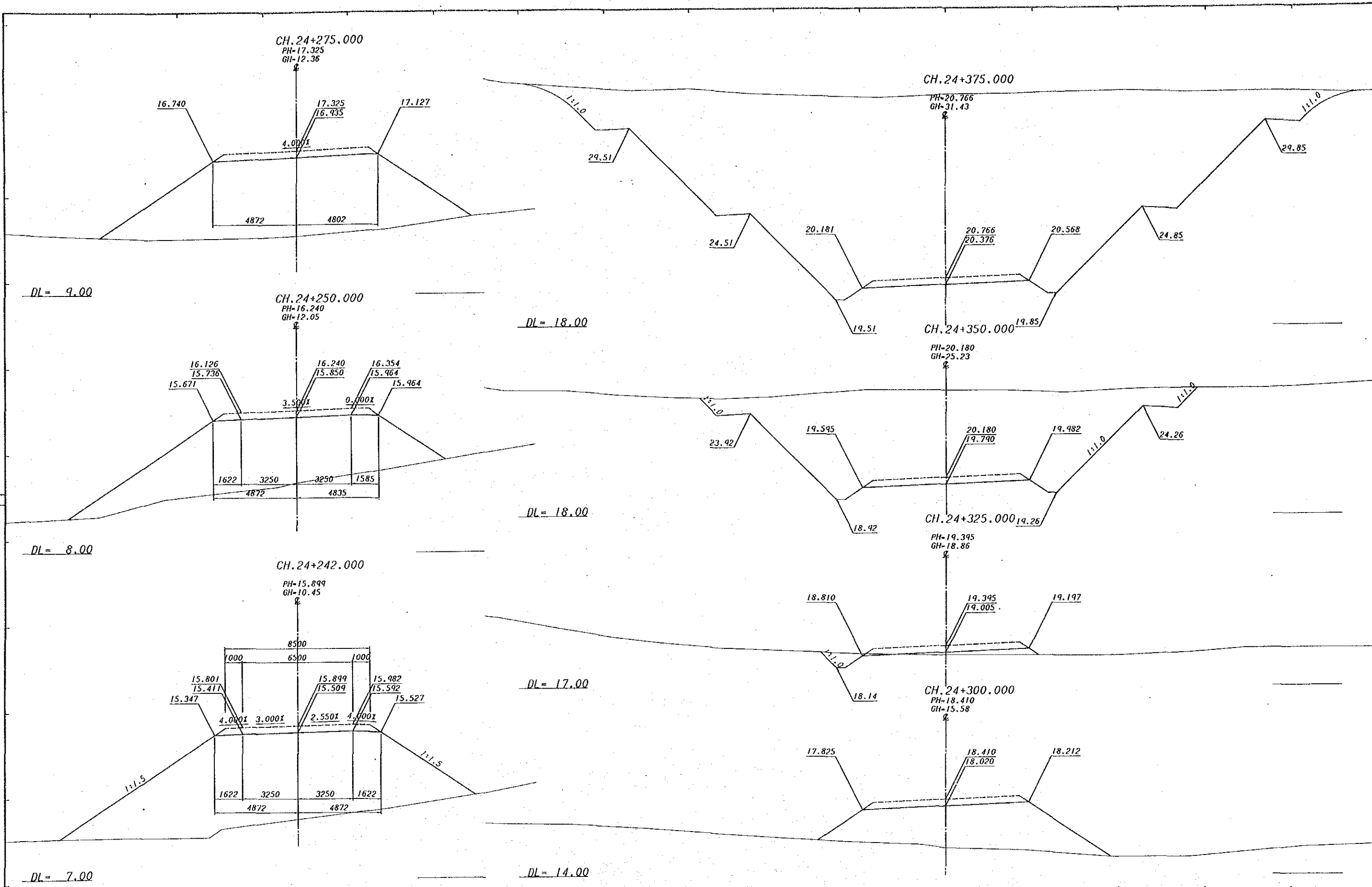
REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY JICA Date: _____ VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO. _____	DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY J. Hulse Principal 25 Sep. 1989 Date	DRAWN K.E. CHECKED A.S.A. DESIGNED A. Mopu CHECKED Z. Kaulani	PROJECT ENGINEER W. P. ... EXECUTIVE ENGINEER M. ...	RECOMMENDED APPROVED 29. 10. 89 PRINCIPAL ENGINEER J. ... SECRETARY F.A. (S)	SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 209 OF 281 PROJECT No. S.C. 120-33-814/A	CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAUVA SECTION CROSS SECTIONS CH. 23 + 550 --- CH. 23 + 850 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87967
					JICA MEAN SEA LEVEL SURVEY BOOK NO. _____	JAPAN INTERNATIONAL CO-OPERATION AGENCY J. Hulse Principal 25 Sep. 1989 Date	K.E. A.S.A. A. Mopu Z. Kaulani	W. P. ... M. ...	APPROVED 29. 10. 89 J. ... F.A. (S)	HORIZONTAL & VERTICAL m. 1 : 100 SHEET 209 OF 281 PROJECT No. S.C. 120-33-814/A	CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAUVA SECTION CROSS SECTIONS CH. 23 + 550 --- CH. 23 + 850 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87967



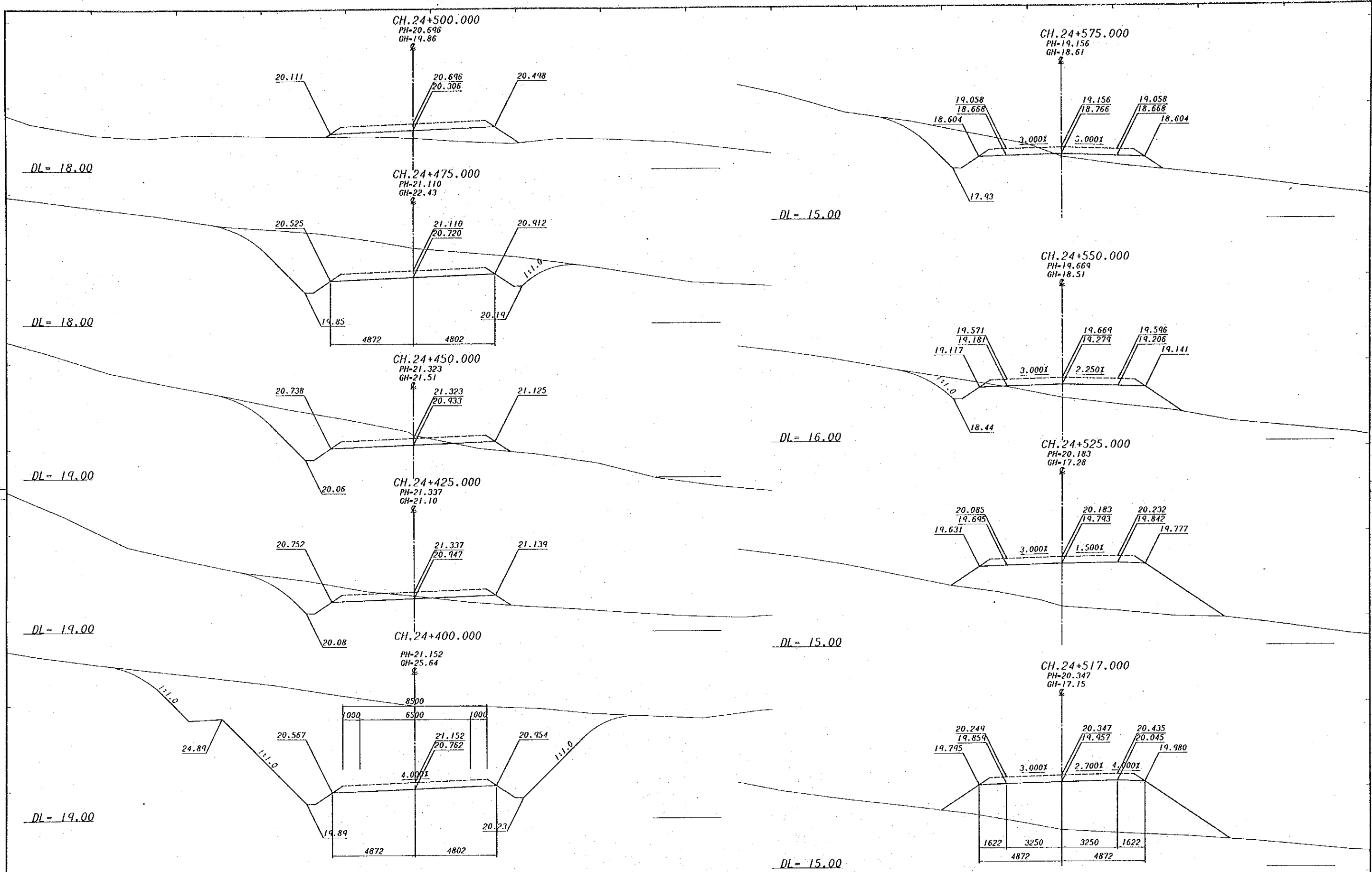
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VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		PROJECT ENGINEER W. K. K. K.		PRINCIPAL ENGINEER A. Magato		PROJECT No. S.C. 120-33-814/A		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
HORIZONTAL DATUM		Principal S. H. S. H.		EXECUTIVE ENGINEER Z. K. K. K.		APPROVED 24. 10. 89		SHEET 210 OF 281		CROSS SECTIONS CH. 23 + 872 — CH. 24 + 25	
SURVEY BOOK NO. 8		Date 25 Sep. 1989		Date		SECRETARY F. S. S. S.		PAPUA NEW GUINEA DEPARTMENT OF WORKS		DRAWING No. A1/ 87968	



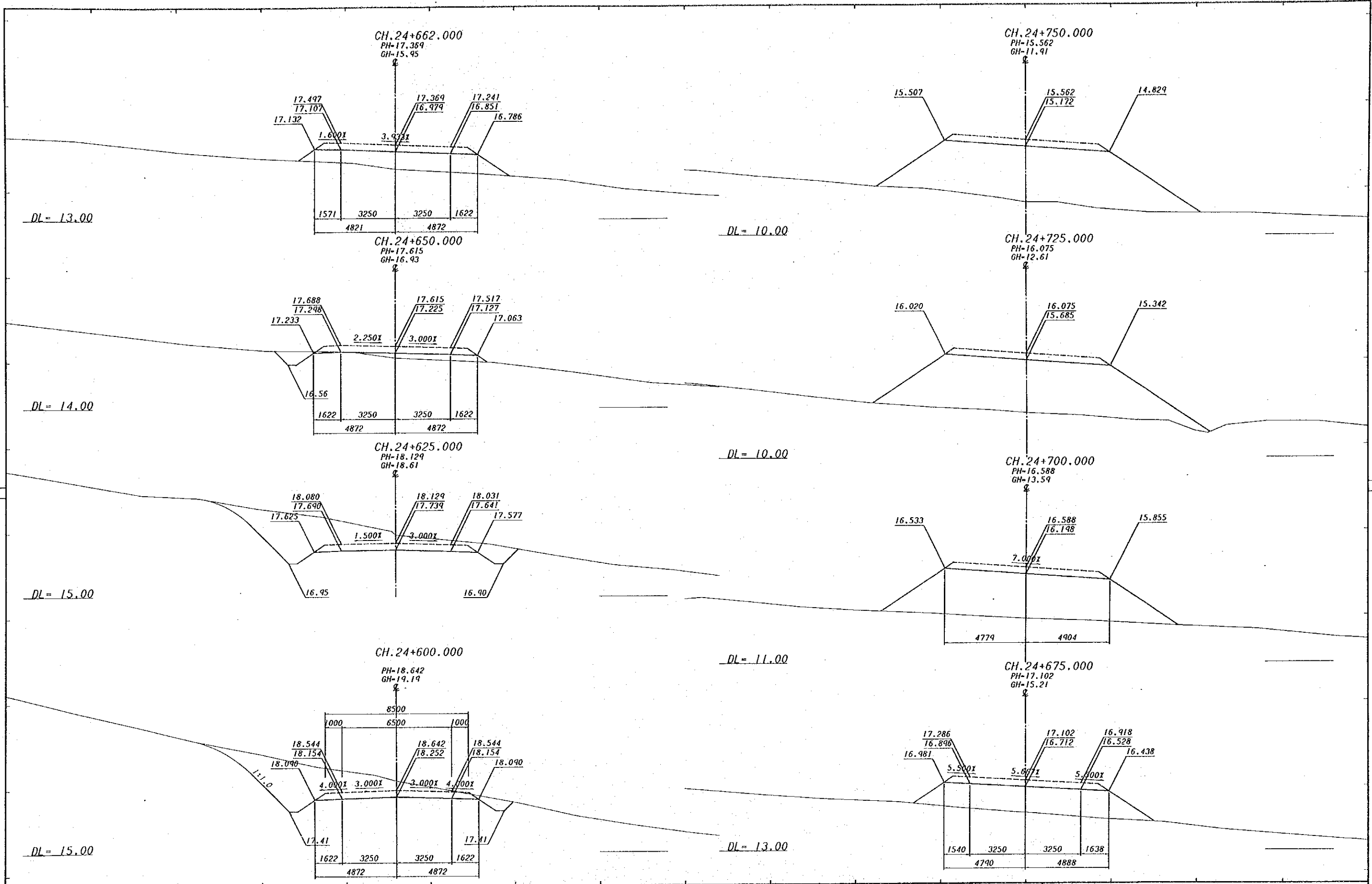
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					JICA	JAPAN INTERNATIONAL CO-OPERATION AGENCY	K.E.	Principal Engineer									Horizontal & Vertical m. 1 : 100
					VERTICAL DATUM MEAN SEA LEVEL	JAPAN INTERNATIONAL CO-OPERATION AGENCY	Checked A. Magala	Checked S. K. ...	Horizontal & Vertical m. 1 : 100								
					HORIZONTAL DATUM	25 Sep. 1989	2. K. ...	Principal Engineer	PROJECT No. S.C.120-33-814/A	SHEET 211 OF 281							



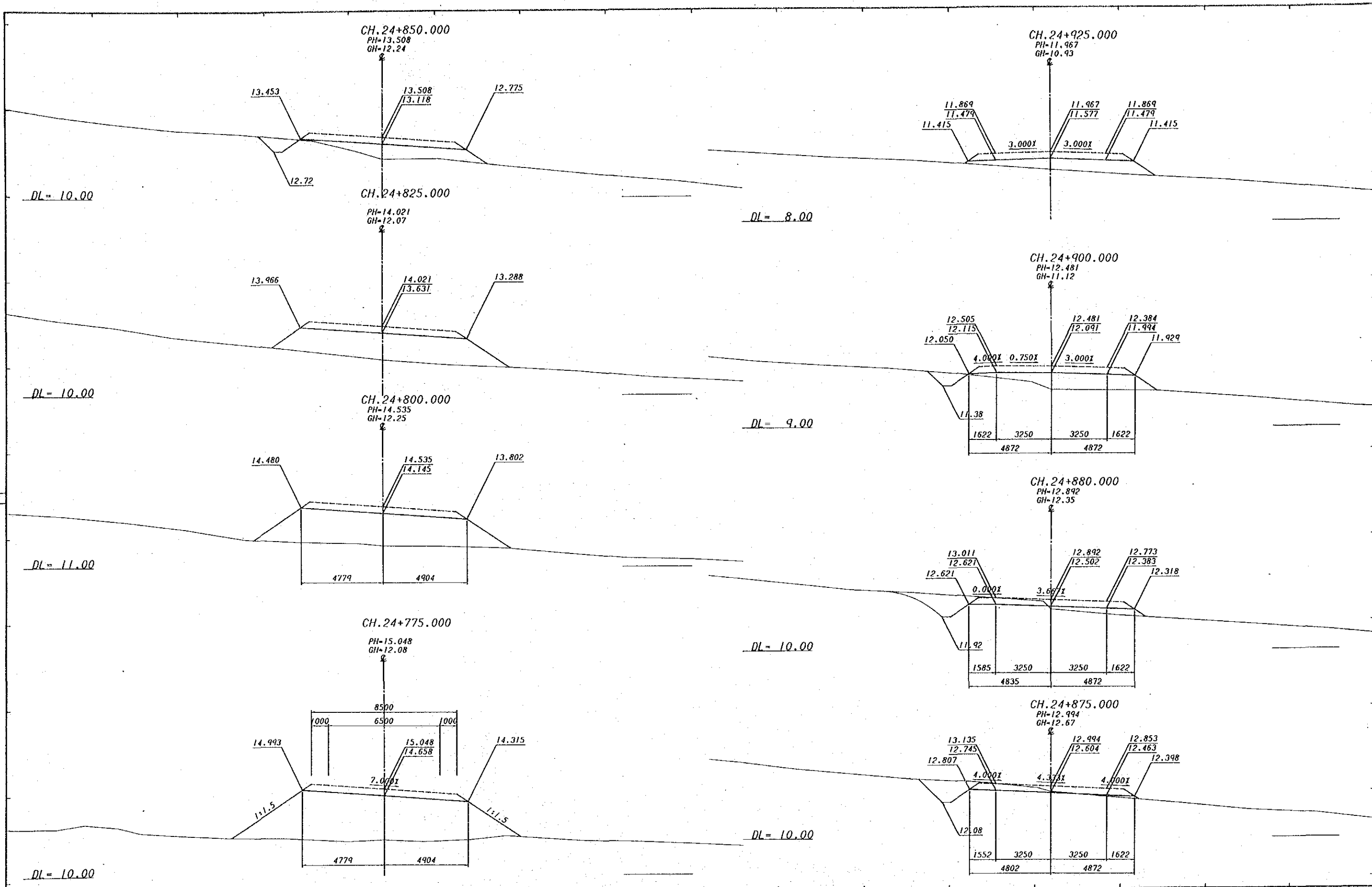
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JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K. E.		Principal Engineer		1:100		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
Date		25 Sep. 1989		Checked		Approved		Horizontal & Vertical m.		CROSS SECTIONS	
VERTICAL DATUM		Principal		A. Magana		24.10.89		1:100		CH. 24 + 242 — CH. 24 + 375	
MEAN SEA LEVEL		Date		Checked		Executive Engineer		PROJECT No.		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
HORIZONTAL DATUM		Date		7. K. ...		Secretary		S.C. 120-33-814/A		DRAWING No.	
SURVEY BOOK NRS		Date		Executive Engineer		Secretary		SHEET 212 OF 281		A1/ 87970	
AMENDMENTS		BY		APP'D		DATE				REV.	



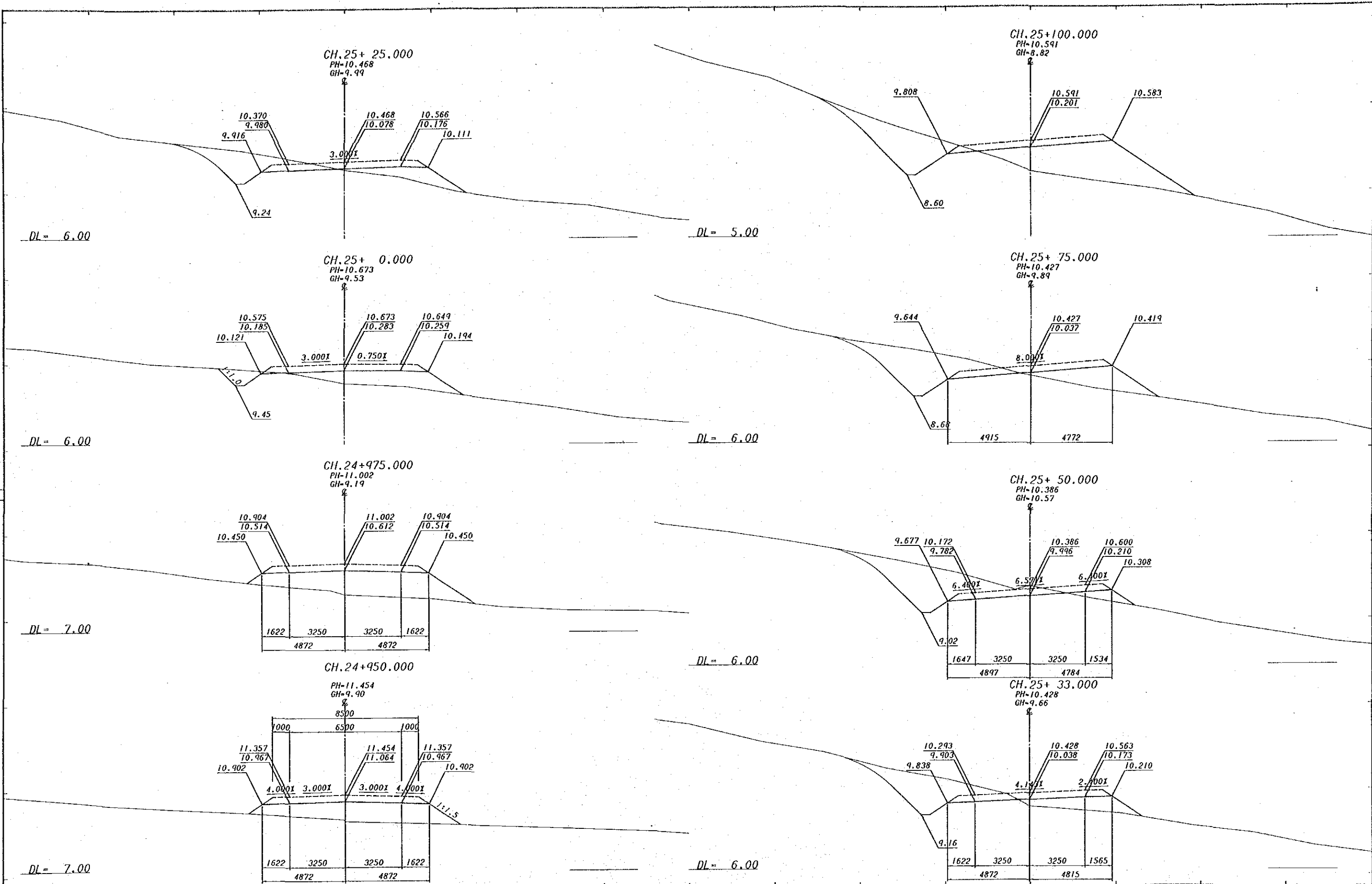
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VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		CHECKED <i>[Signature]</i>		APPROVED <i>[Signature]</i>		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
HORIZONTAL DATUM		Principal <i>[Signature]</i>		PROJECT ENGINEER <i>[Signature]</i>		PRINCIPAL ENGINEER <i>[Signature]</i>		CROSS SECTIONS	
SURVEY BOOK NO.		Date 25 Sep. 1989		EXECUTIVE ENGINEER <i>[Signature]</i>		SECRETARY <i>[Signature]</i>		CH. 24 + 400 — CH. 24 + 575	
AMENDMENTS		BY APP'D DATE		SHEET 213 OF 281		PROJECT No. S.C.120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
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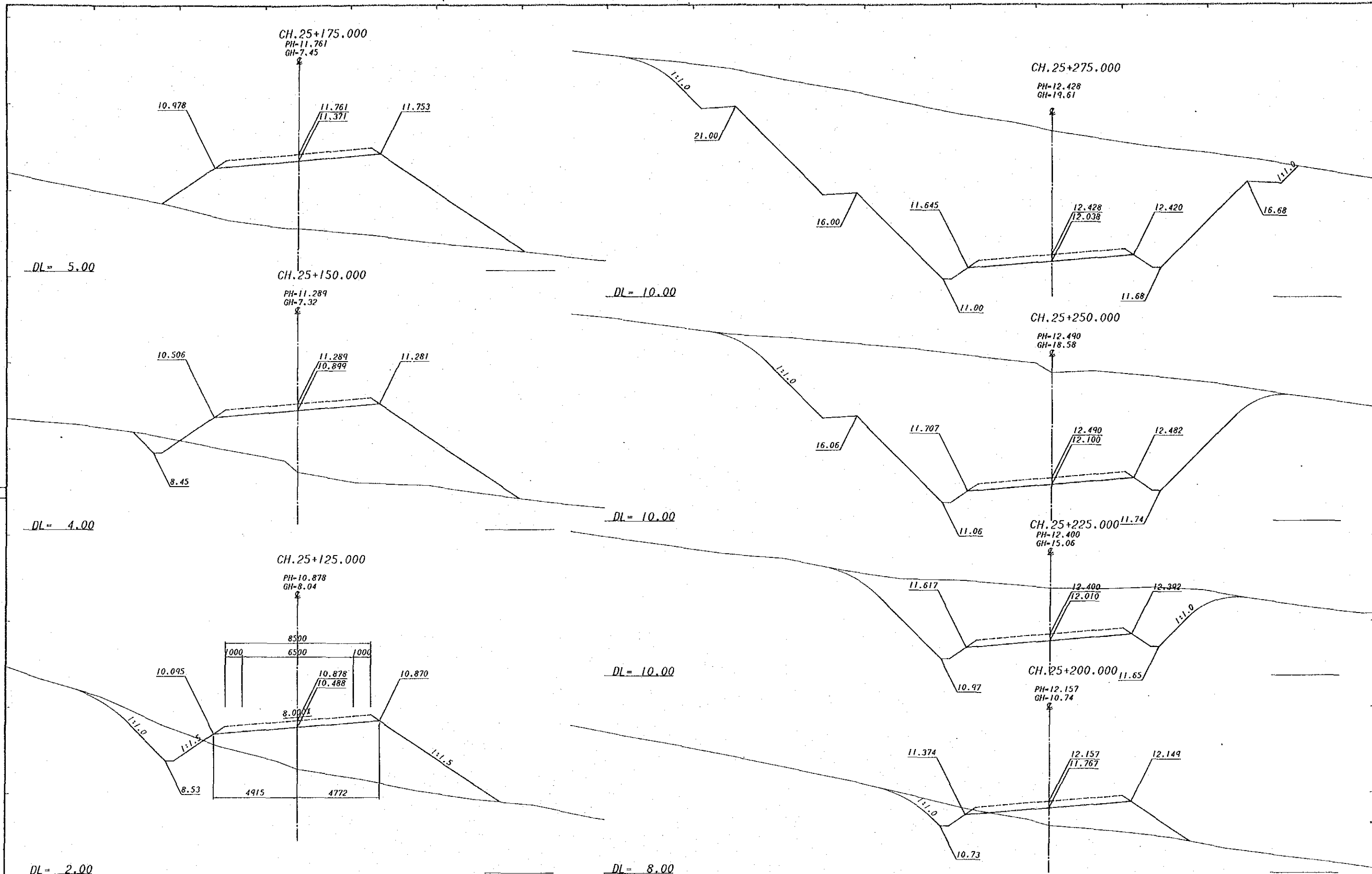
SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK No.				DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY <i>J. Kubota</i> Principal 25 Sep. 1989 Date		DRAWN K.E. CHECKED <i>C.H.</i> DESIGNED <i>A. Hozaka</i> CHECKED <i>Z. Kubota</i>		RECOMMENDED <i>W. Kule</i> PROJECT ENGINEER APPROVED <i>J. Seno</i> PRINCIPAL ENGINEER 24. 10. 89 EXECUTIVE ENGINEER FLS(TS) SECRETARY		SCALE HORIZONTAL & VERTICAL m. 1 : 100		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 24 + 600 — CH. 24 + 750 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87972		
AMENDMENTS REV. BY APP'D DATE						SHEET 214 OF 281		PROJECT No. S.C.120-33-814/A						



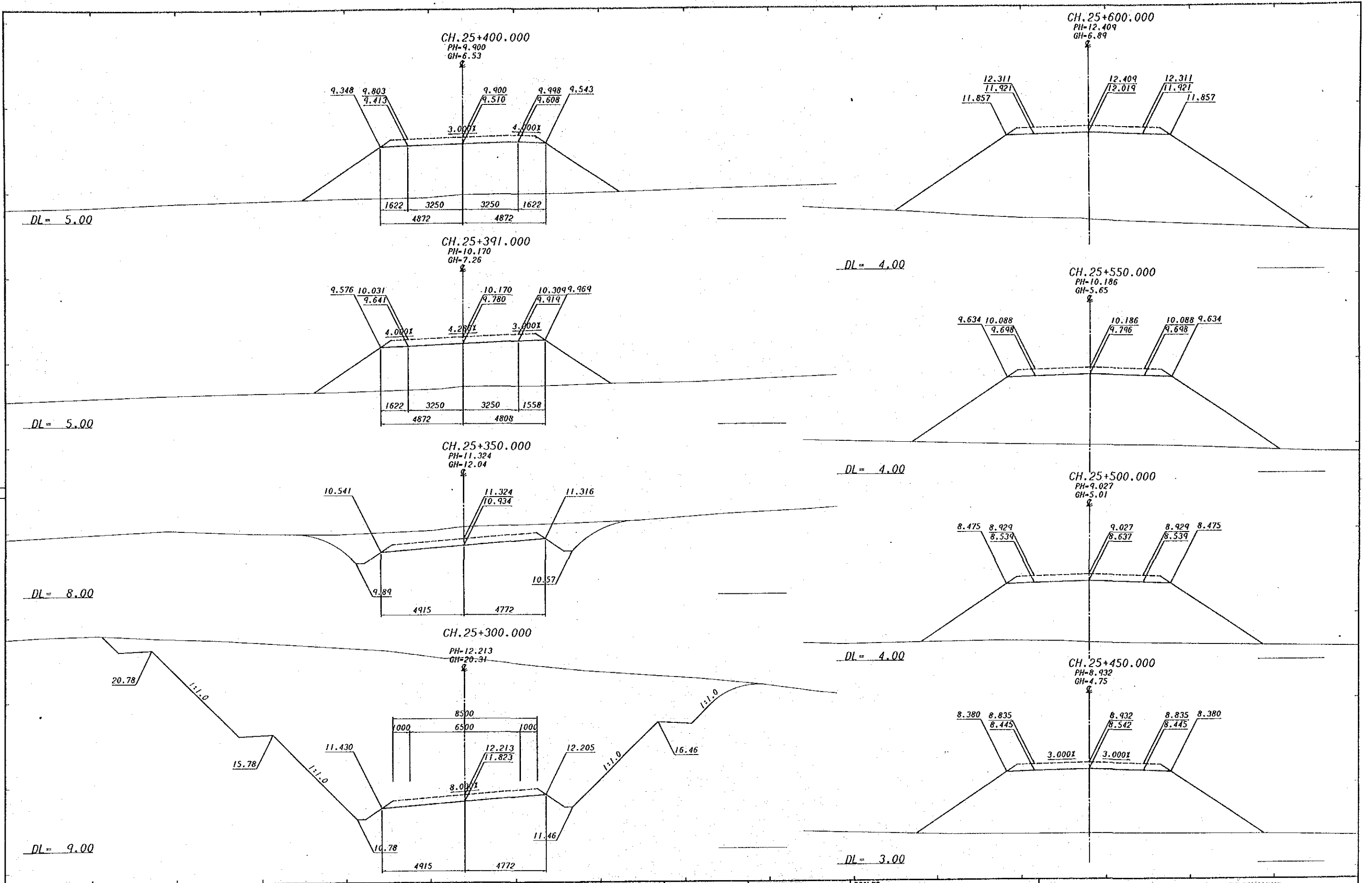
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					JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K. E.		Principal Engineer			Principal Engineer		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION
					VERTICAL DATUM MEAN SEA LEVEL		25 Sep. 1999		CHECKED A. M. ...		APPROVED S. P. ...		HORIZONTAL & VERTICAL 1 : 100		CROSS SECTIONS	
					SURVEY BOOK NO. 8		Date		CHECKED Z. K. ...		SECRETARY F. S. (S)		SHEET 215 OF 281		CH. 24 + 775 — CH. 24 + 925	
									EXECUTIVE ENGINEER M. ...		PROJECT No. S.C. 120-33-814/A		PAPUA NEW GUINEA DEPARTMENT OF WORKS		DRAWING No. A1/ 87973	



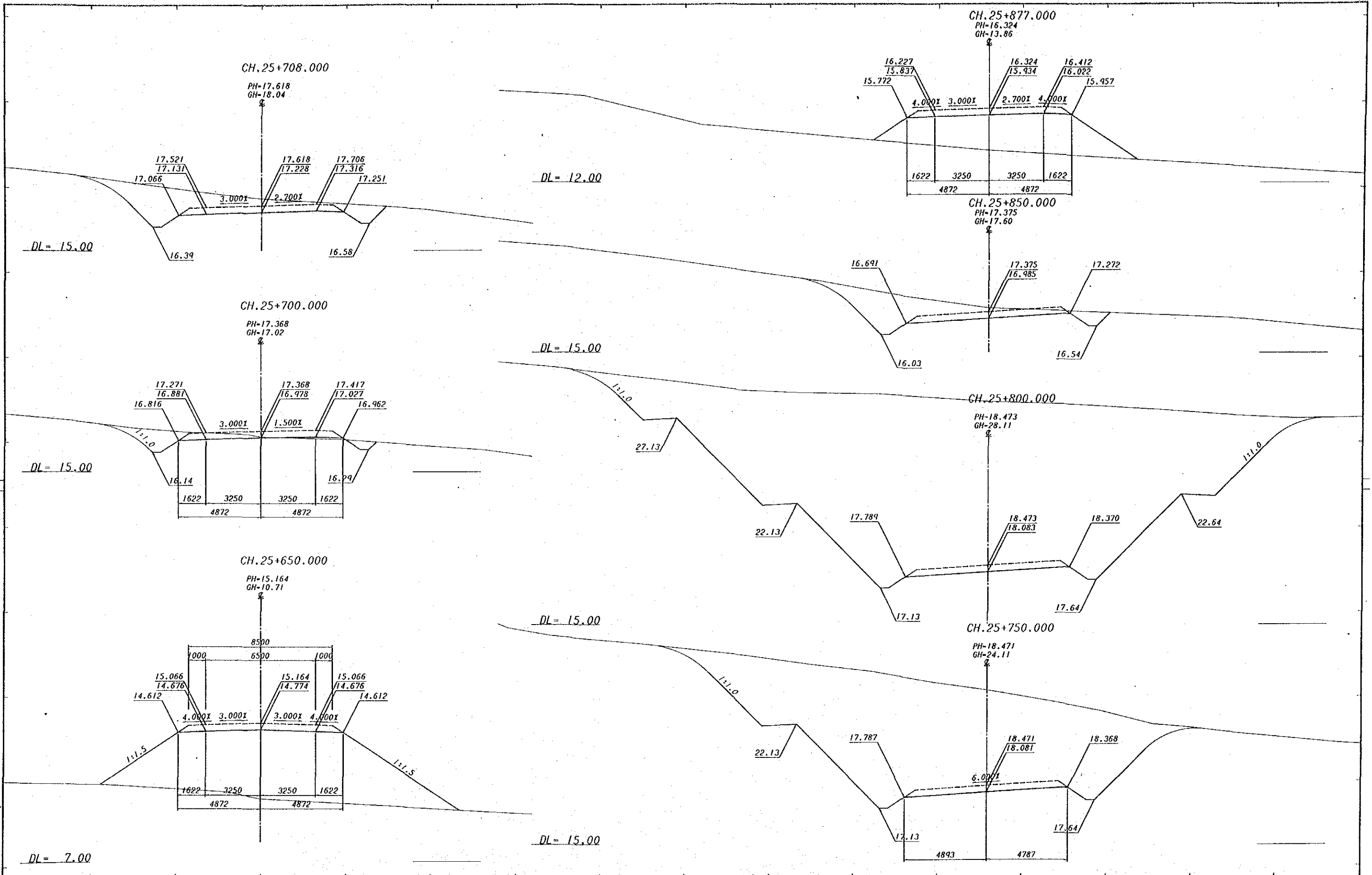
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VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		CHECKED <i>[Signature]</i>		PROJECT ENGINEER <i>[Signature]</i>		HORIZONTAL & VERTICAL m		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
HORIZONTAL DATUM		Principal <i>[Signature]</i> 25 Sep. 1989		DESIGNED <i>[Signature]</i>		APPROVED 24. 10. 89		1 : 100		CROSS SECTIONS	
SURVEY BOOK NO. 8		Date		CHECKED <i>[Signature]</i>		EXECUTIVE ENGINEER <i>[Signature]</i>		SHEET 216 OF 281		CH. 24 + 950 — CH. 25 + 100	
REV.	AMENDMENTS	BY	APP'D	DATE	Principal	Executive Engineer	Secretary	PROJECT No. S.C.120-33-814/A	SHEET	PAPUA NEW GUINEA DEPARTMENT OF WORKS	DRAWING No. A1/ 87974



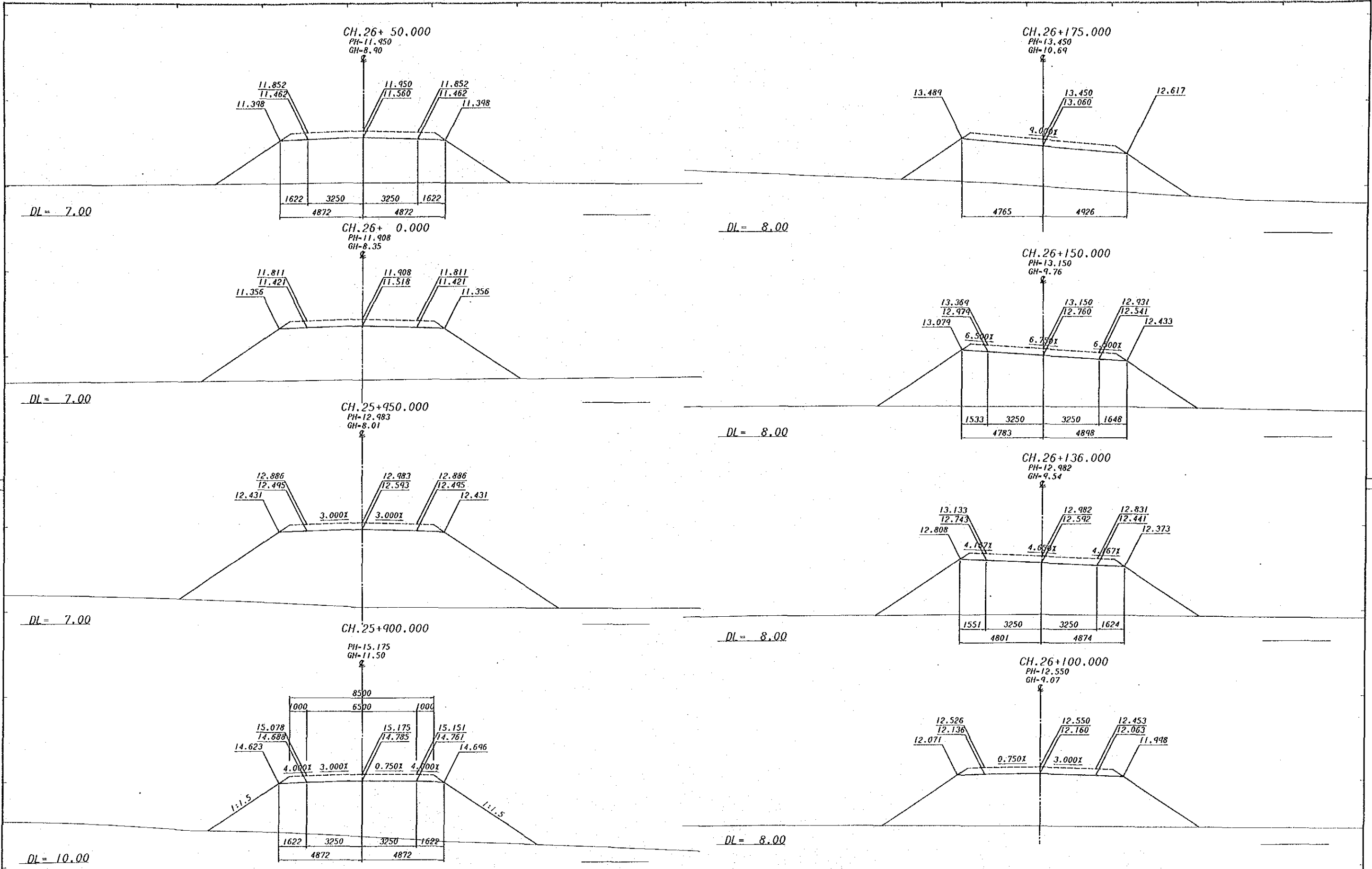
REV.		AMENDMENTS		BY	APP'D	DATE	SURVEY		DESIGN		DRAWN		RECOMMENDED		SCALES		CENTRAL / GULF PROVINCES	
							JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K. E.		Principal Engineer		1:100		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
							VERTICAL DATUM MEAN SEA LEVEL		25 Sep. 1989		A. M. P. S.		APPROVED		HORIZONTAL & VERTICAL m.		CROSS SECTIONS	
							HORIZONTAL DATUM		Date		T. K. S.		S. J. S.		1:100		CH. 25 + 125 — CH. 25 + 275	
							SURVEY BOOK NOS.		Date		Executive Engineer		Secretary		PROJECT No.		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
							4915 4772		25 Sep. 1989		Principal Engineer		S. J. S.		S.C. 120-33-814/A		DRAWING No. A1/ 87975	
											Executive Engineer		Secretary		SHEET 217 OF 281		REV	



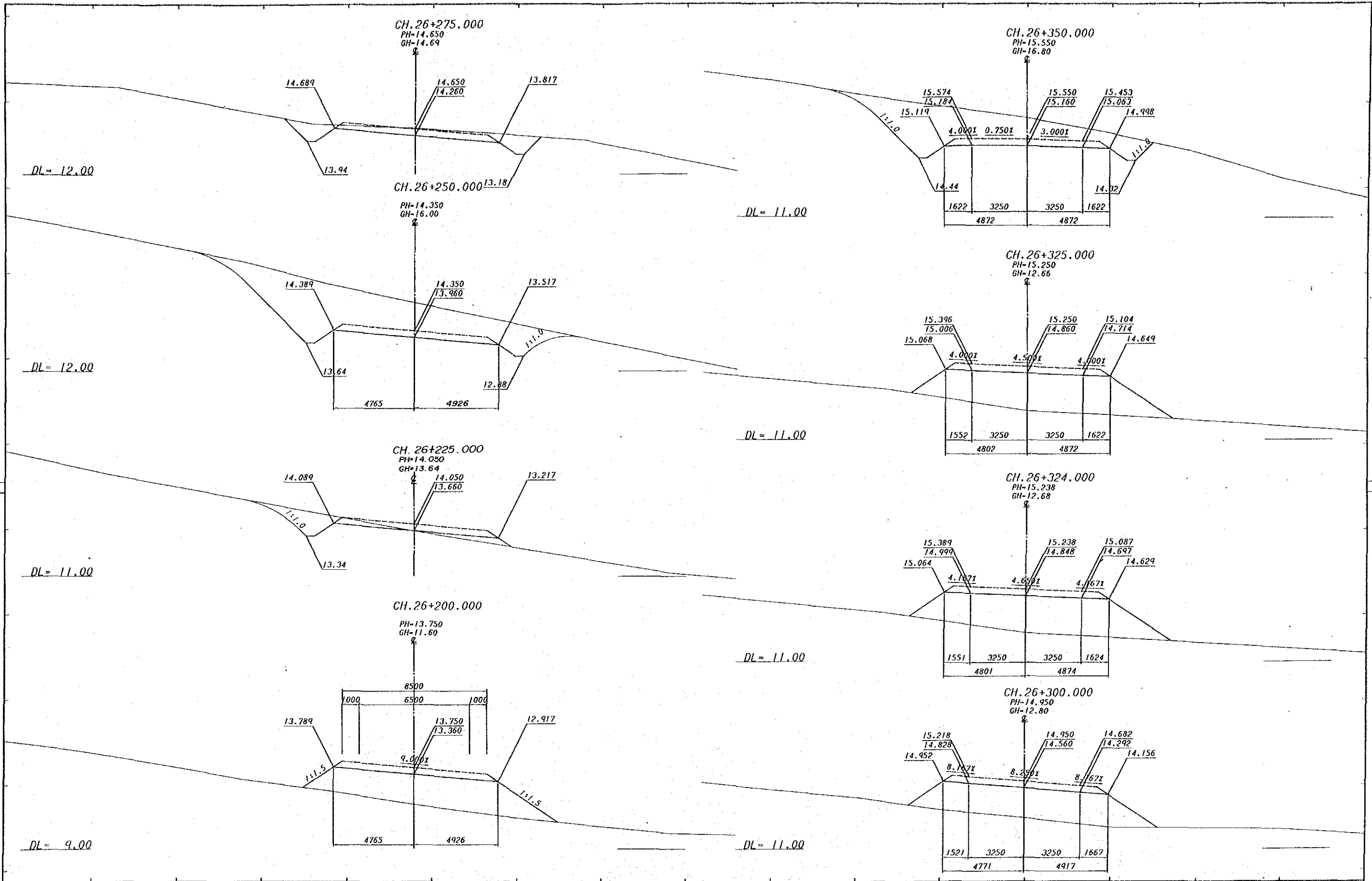
PREV. AMENDMENTS BY APP'D DATE		SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL. HORIZONTAL DATUM SURVEY BOOK NOS	DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY J. J. ... 25 Sep. 1989 Date	DRAWN K.E. CHECKED DESIGNED CHECKED	RECOMMENDED PROJECT ENGINEER APPROVED PRINCIPAL ENGINEER SECRETARY	SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 218 OF 281 PROJECT No. S.C.120-33-814/A	CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 25 + 300 --- CH. 25 + 600 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87976
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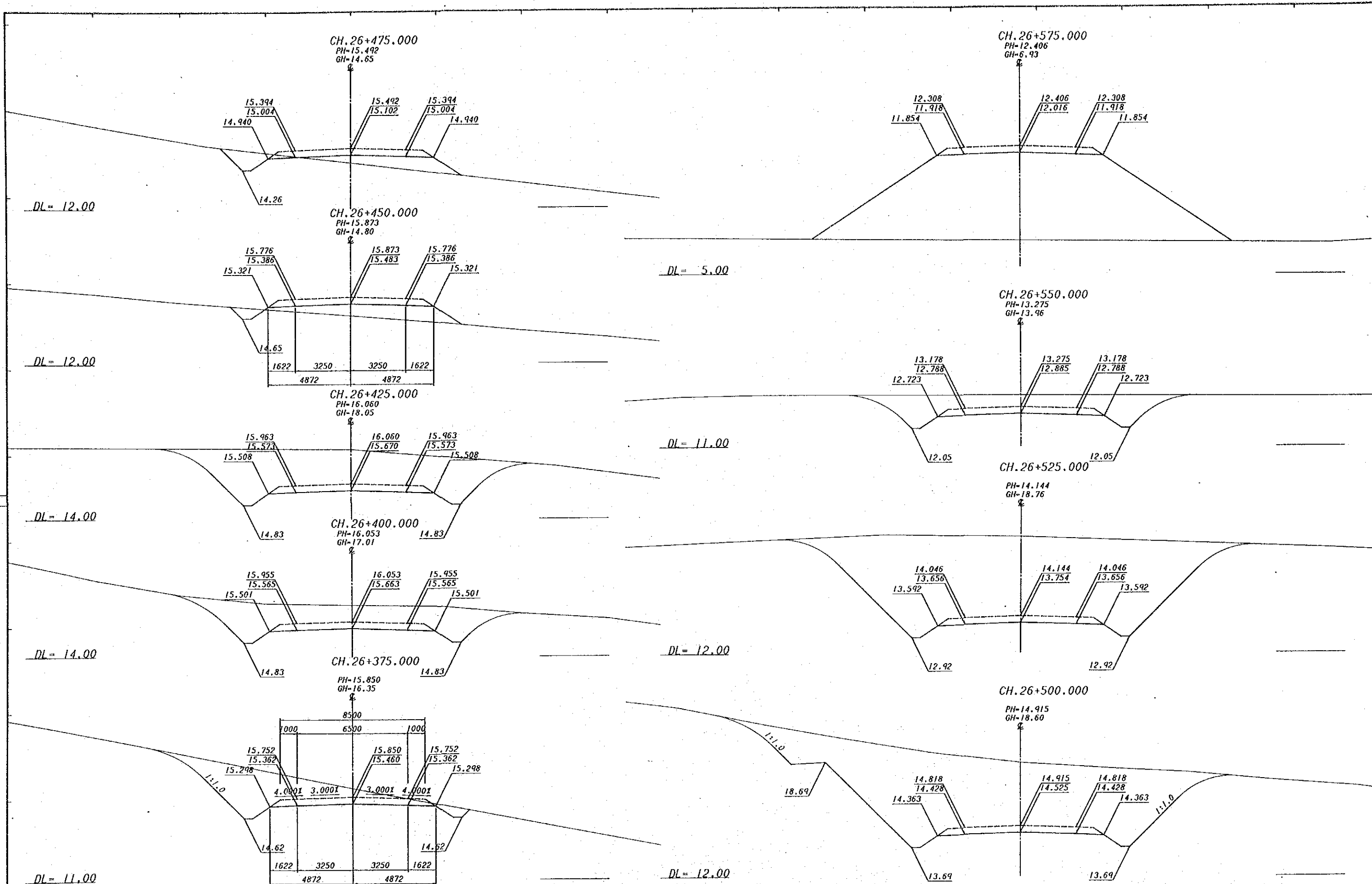
SURVEY JICA Date:		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY Date: 25 Sep. 1989		DRAWN K.E. CHECKED A. M. DESIGNED A. M. CHECKED Z. K.		RECOMMENDED W. K. PROJECT ENGINEER A. M. PRINCIPAL ENGINEER APPROVED J. S. EXECUTIVE ENGINEER P. S. SECRETARY		SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 219 OF 281		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALUA SECTION CROSS SECTIONS CH. 25 + 650 — CH. 25 + 877 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87977	
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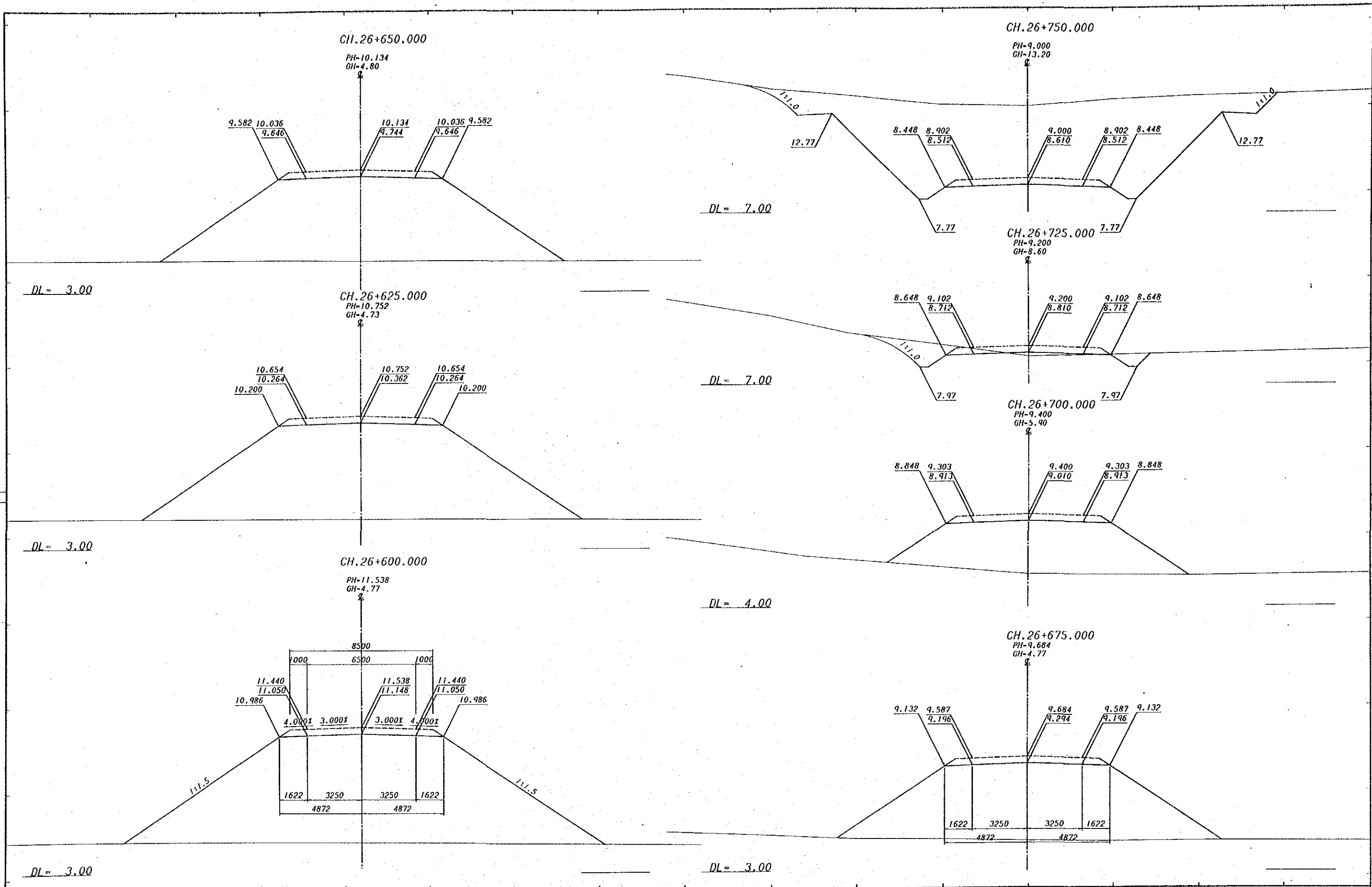
SURVEY		DESIGN		DRAWN		RECOMMENDED		SCALES		CENTRAL / GULF PROVINCES	
JICA		JAPAN INTERNATIONAL CO-OPERATION AGENCY		K.E.		W. K. ...		1 : 100		TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION	
VERTICAL DATUM MEAN SEA LEVEL		Principal		CHECKED C.B.A.		PROJECT ENGINEER		HORIZONTAL & VERTICAL m.		CROSS SECTIONS	
HORIZONTAL DATUM		28 Sep. 1989		DESIGNED A. M. ...		APPROVED		1 : 100		CH. 25 + 900 — CH. 26 + 175	
SURVEY BOOK NO. 8		Date		CHECKED T. K. ...		Principal		SHEET 220 OF 281		PAPUA NEW GUINEA DEPARTMENT OF WORKS	
REV.	AMENDMENTS	BY	APP'D	DATE	Principal	Executive Engineer	Secretary	PROJECT No. S.C.120-33-814/A	DRAWING No. A1/ 87978		REV.



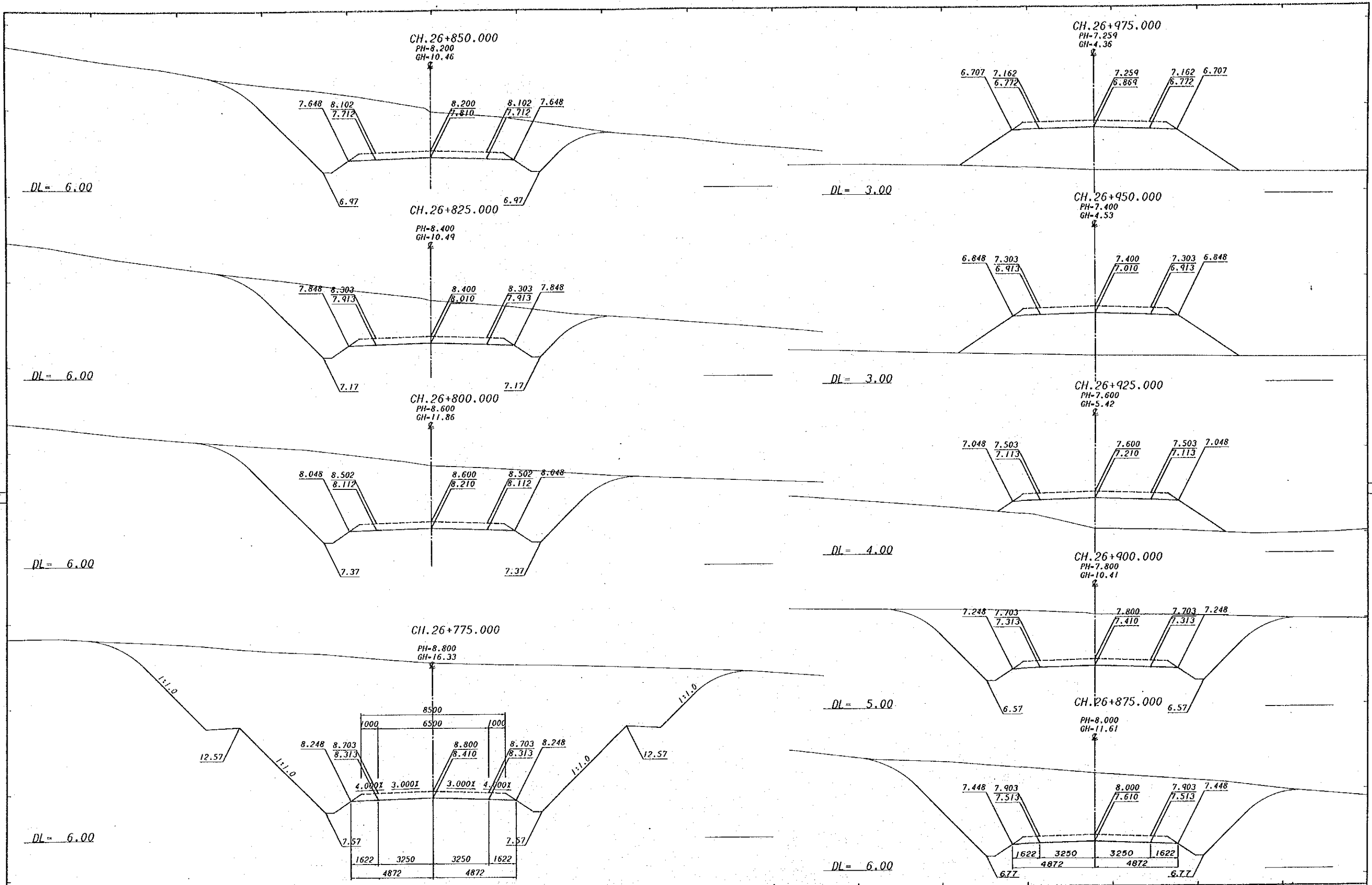
SURVEY JICA		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY		DRAWN K.E.		RECOMMENDED H. K. K.		SCALES HORIZONTAL & VERTICAL m. 1 : 100		CENTRAL / GULF PROVINCES	
VERTICAL DATUM MEAN SEA LEVEL		J. Habits Principal		C. A. M. CHECKED		L. K. K. PROJECT ENGINEER		PROJECT No. S.C. 120-33-814/A		TRANS-ISLAND HIGHWAY BEREINA-MALALUA SECTION	
HORIZONTAL DATUM		25 Sep. 1985 Date		A. M. G. DESIGNED		H. K. K. APPROVED		SHEET 221 OF 281		CROSS SECTIONS	
SURVEY BOOK NO. 8				Z. K. K. CHECKED		J. L. S. SECRETARY		CH. 26 + 200		CH. 26 + 350	
AMENDMENTS		BY APP'D DATE		EXECUTIVE ENGINEER		PAPUA NEW GUINEA DEPARTMENT OF WORKS		DRAWING No. A1/ 87979		REV	



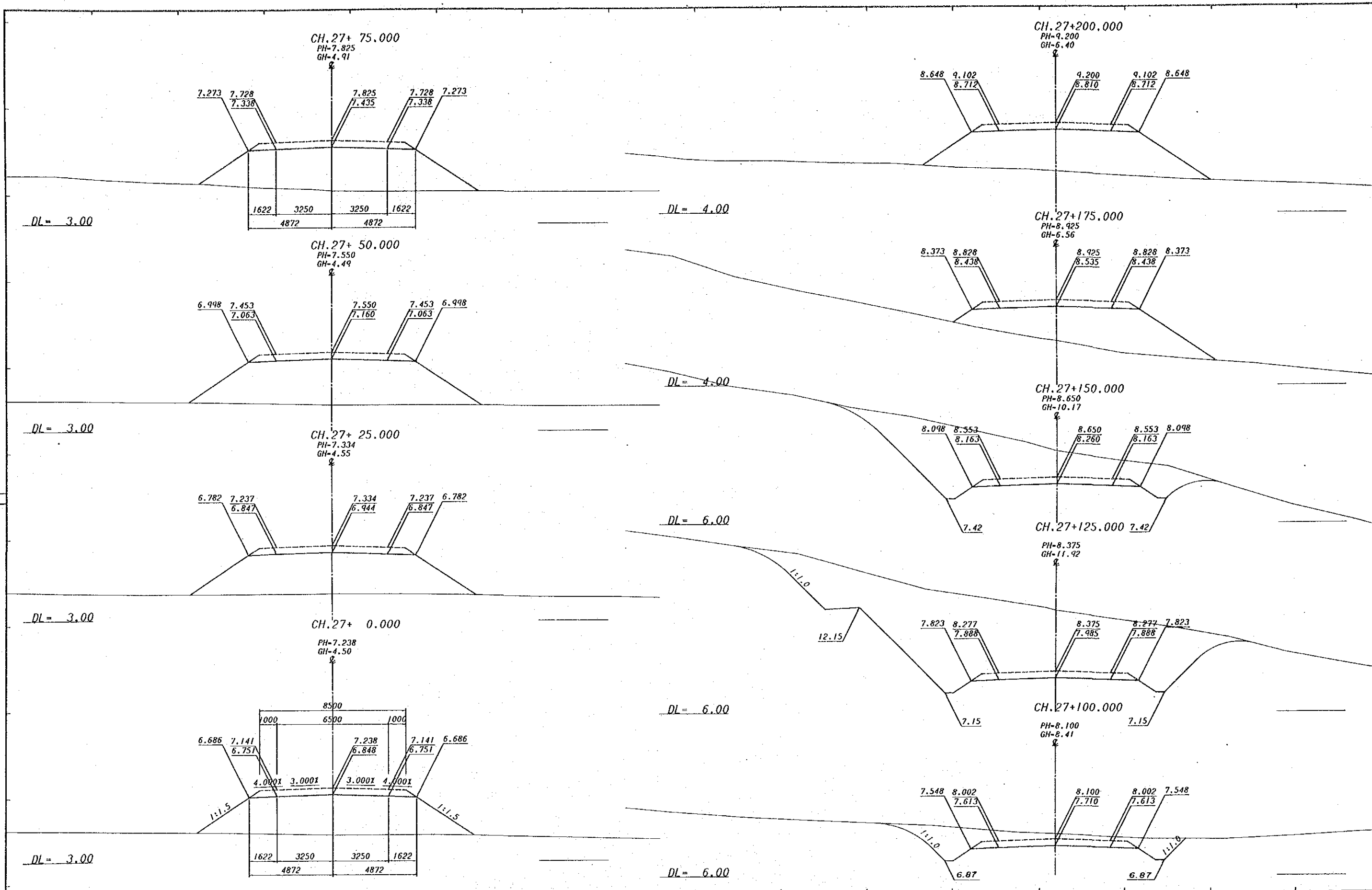
SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO.		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY Date 25 Sep. 1989 Principal		DRAWN K.E. CHECKED DESIGNED CHECKED		RECOMMENDED PROJECT ENGINEER APPROVED PRINCIPAL ENGINEER EXECUTIVE ENGINEER		SCALES HORIZONTAL & VERTICAL m. 1 : 100		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 26 + 375 — CH. 26 + 575 PAPUA NEW GUINEA DEPARTMENT OF WORKS	
REV. AMENDMENTS BY APP'D DATE		SURVEY BOOK NO.		PROJECT No. S.C.120-33-814/A		SHEET 222 OF 281		DRAWING No. A1/ 87980			



AMENDMENTS		BY	APP'D	DATE	SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO. 8	DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY 25 Sep. 1989 Date	DRAWN K.E. CHECKED <i>[Signature]</i> DESIGNED <i>[Signature]</i> CHECKED <i>[Signature]</i>	PROJECT ENGINEER <i>[Signature]</i> EXECUTIVE ENGINEER <i>[Signature]</i>	RECOMMENDED <i>[Signature]</i> PRINCIPAL ENGINEER APPROVED <i>[Signature]</i> SECRETARY	SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 223 OF 281	PROJECT No. S.C.120-33-814/A	CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 26 + 600 — CH. 26 + 750 PAPIA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87981
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SURVEY JICA		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY		DRAWN K.E.		RECOMMENDED Principal Engineer		SCALES HORIZONTAL & VERTICAL m. 1 : 100		CENTRAL / GULF PROVINCES	
VERTICAL DATUM MEAN SEA LEVEL		JAPAN INTERNATIONAL CO-OPERATION AGENCY		CHECKED C.A.S.		PROJECT ENGINEER W. Kule		PROJECT No. S.C.120-33-814/A		TRANS-ISLAND HIGHWAY BEREINA-MALALUA SECTION	
HORIZONTAL DATUM		Principal J. S. S. S.		DESIGNED A. M. S.		APPROVED 24.10.89 J. S. S. S.		SHEET 224 OF 281		CROSS SECTIONS CH. 26 + 775 — CH. 26 + 975	
SURVEY BOOK NOS.		Date 25 Sep. 1989		CHECKED 7. K. S.		EXECUTIVE ENGINEER		DEPARTMENT OF WORKS		DRAWING No. A1/ 87982	
AMENDMENTS		BY		APP'D		DATE		PAPUA NEW GUINEA		REV.	



SURVEY JICA Date VERTICAL DATUM MEAN SEA LEVEL HORIZONTAL DATUM SURVEY BOOK NO.		DESIGN JAPAN INTERNATIONAL CO-OPERATION AGENCY Date 25 Sep. 1989 Principal		DRAWN K. E. CHECKED DESIGNED CHECKED		RECOMMENDED PROJECT ENGINEER APPROVED PRINCIPAL ENGINEER SECRETARY		SCALES HORIZONTAL & VERTICAL m. 1 : 100 SHEET 225 OF 281 PROJECT No. S.C.120-33-814/A		CENTRAL / GULF PROVINCES TRANS-ISLAND HIGHWAY BEREINA-MALALAU SECTION CROSS SECTIONS CH. 27 + 0 — CH. 27 + 200 PAPUA NEW GUINEA DEPARTMENT OF WORKS DRAWING No. A1/ 87983	
REV.	AMENDMENTS	BY	APP'D	DATE							