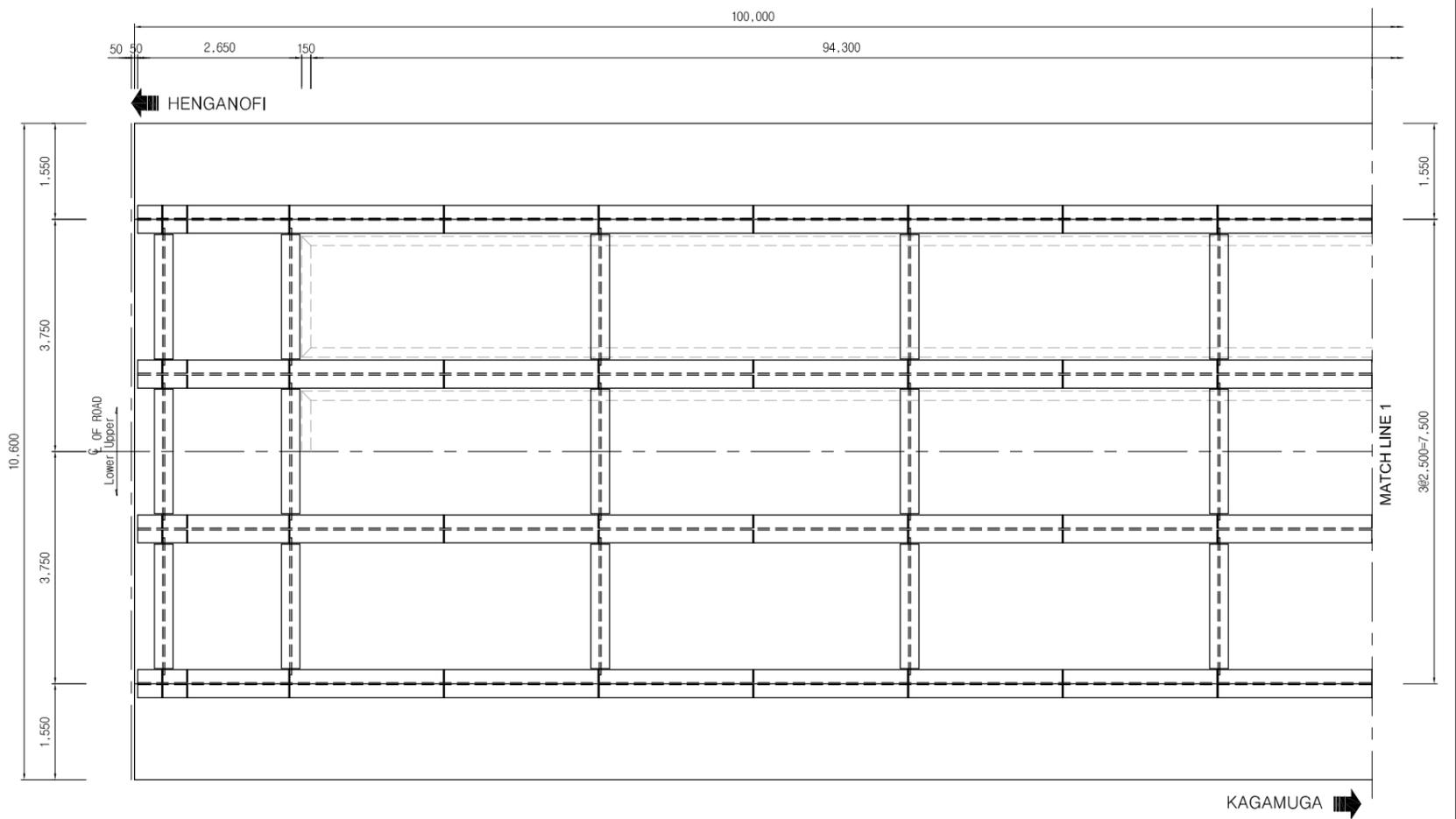
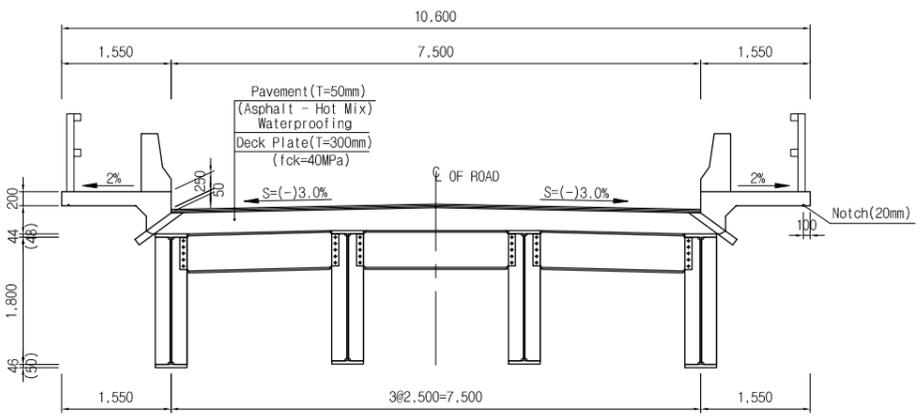


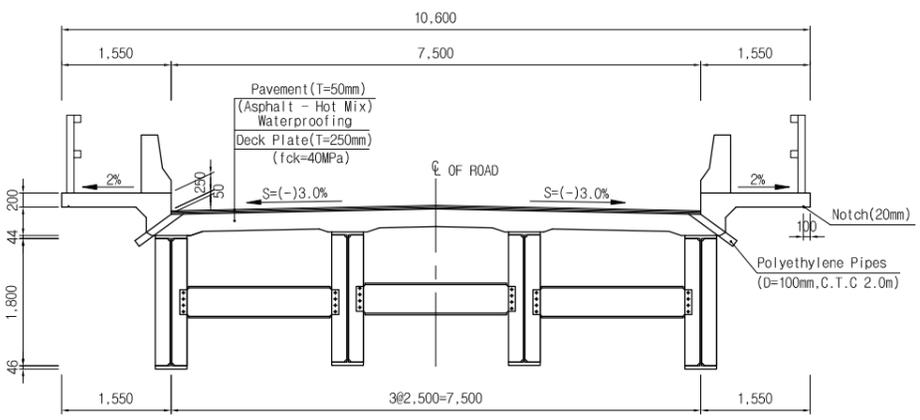
PLAN VIEW



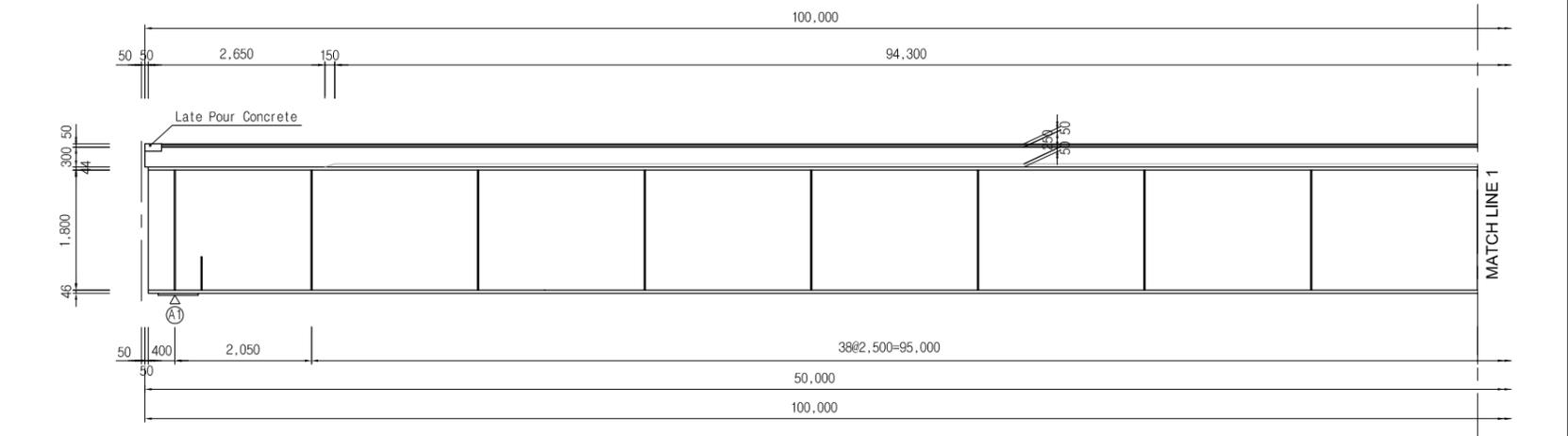
END PART SECTION



MID PART SECTION

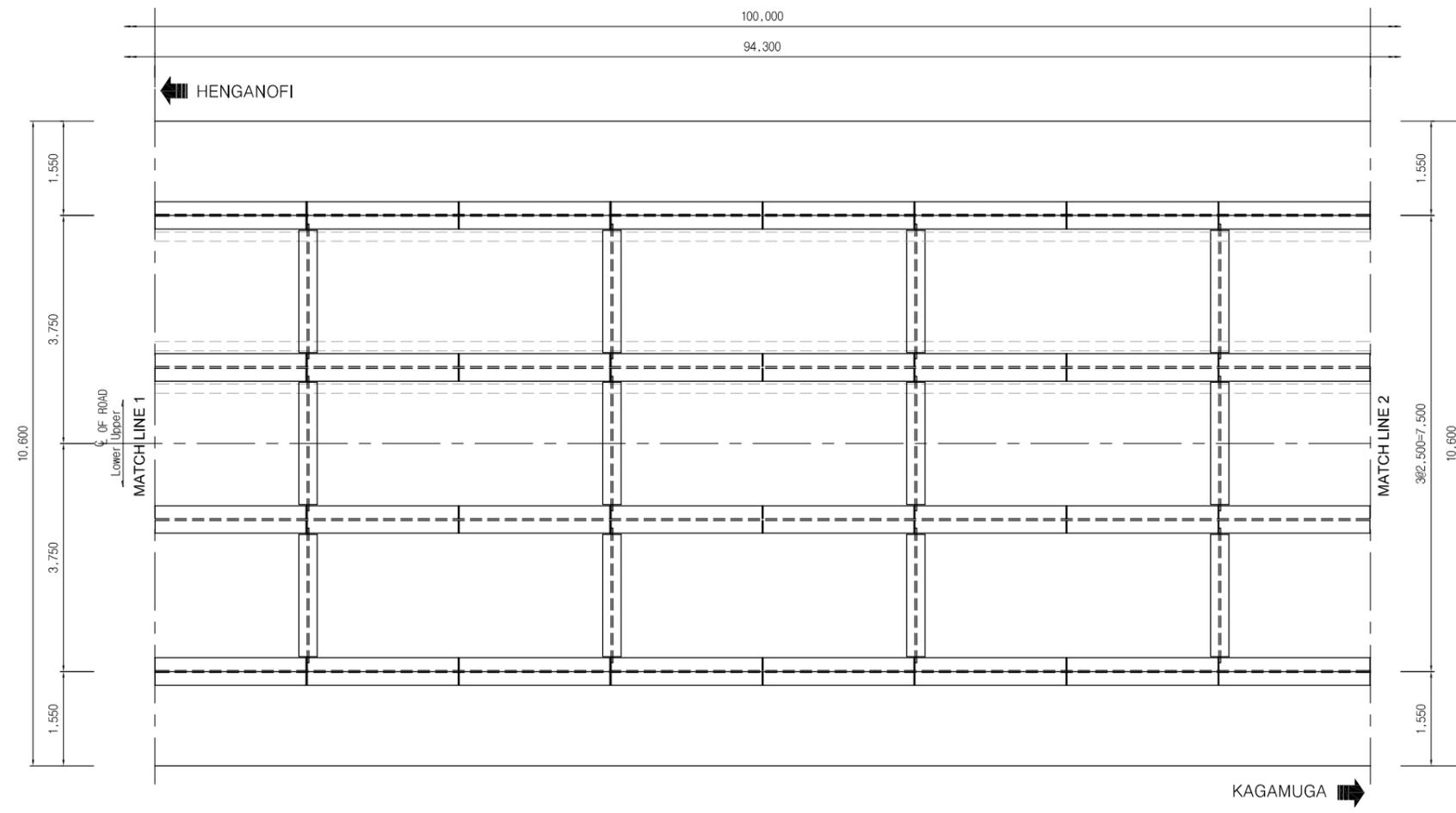


LONGITUDINAL SECTION

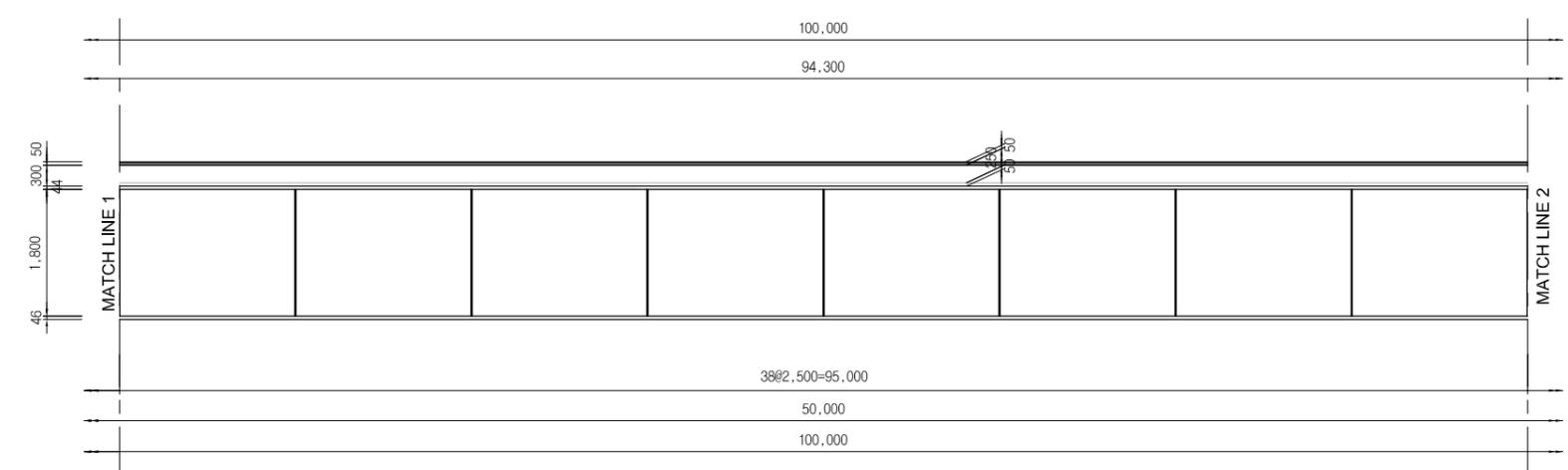


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT		DRAWN	RECOMMENDED	SCALES	PROJECT TITLE	DRAWING TITLE	PAPUA NEW GUINEA	DRAWING No.	REV.
					VERTICAL DATUM			DESIGNED							
					Date		Date	CHECKED	APPROVED	SHEET OF	PROJECT No.	AUTOCAD No.	PAPUA NEW GUINEA	DRAWING No.	REV.
				Date	DESIGNED			EXECUTIVE ENGINEER							
					SURVEY BOOK Nos			E.J. Oh							

PLAN VIEW

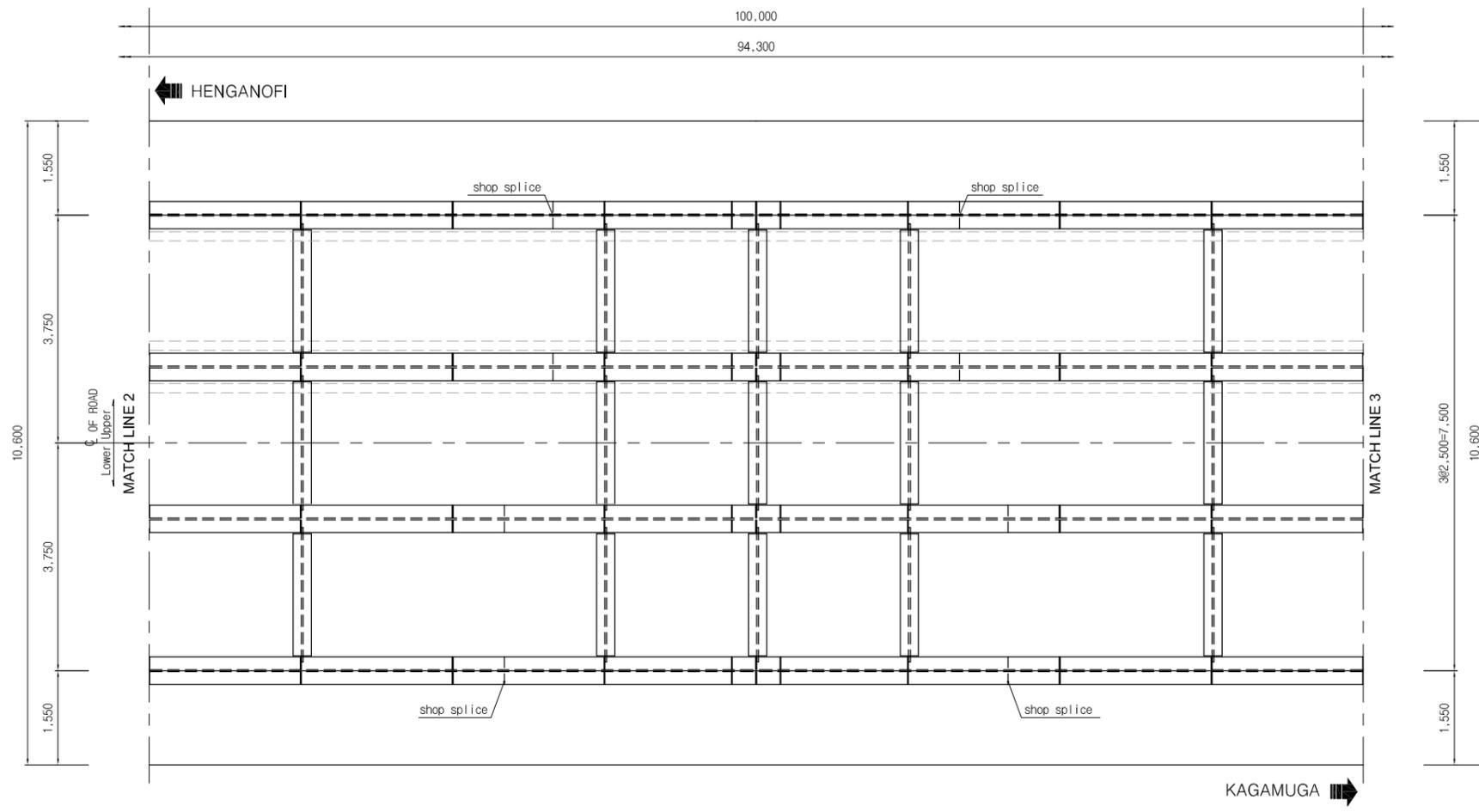


LONGITUDINAL SECTION

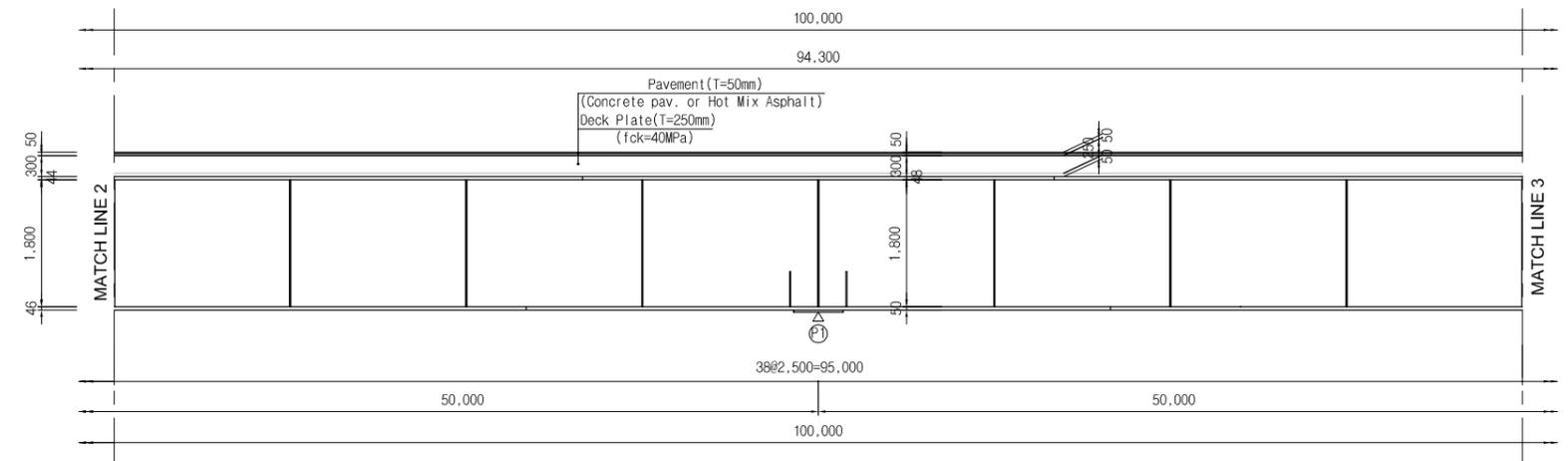


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES		PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM Date		CHECKED Y.J. Kim		PROJECT ENGINEER	PRINCIPAL ENGINEER		1 : 50	
					HORIZONTAL DATUM	PRINCIPAL 	DESIGNED I.H. Jang	APPROVED	SECRETARY	SHEET OF	PROJECT No.	AUTOCAD No.	DRAWING TITLE SLAB-GENERAL LAYOUT (2)
				SURVEY BOOK Nos	CHECKED E.J. Oh		EXECUTIVE ENGINEER						

PLAN VIEW

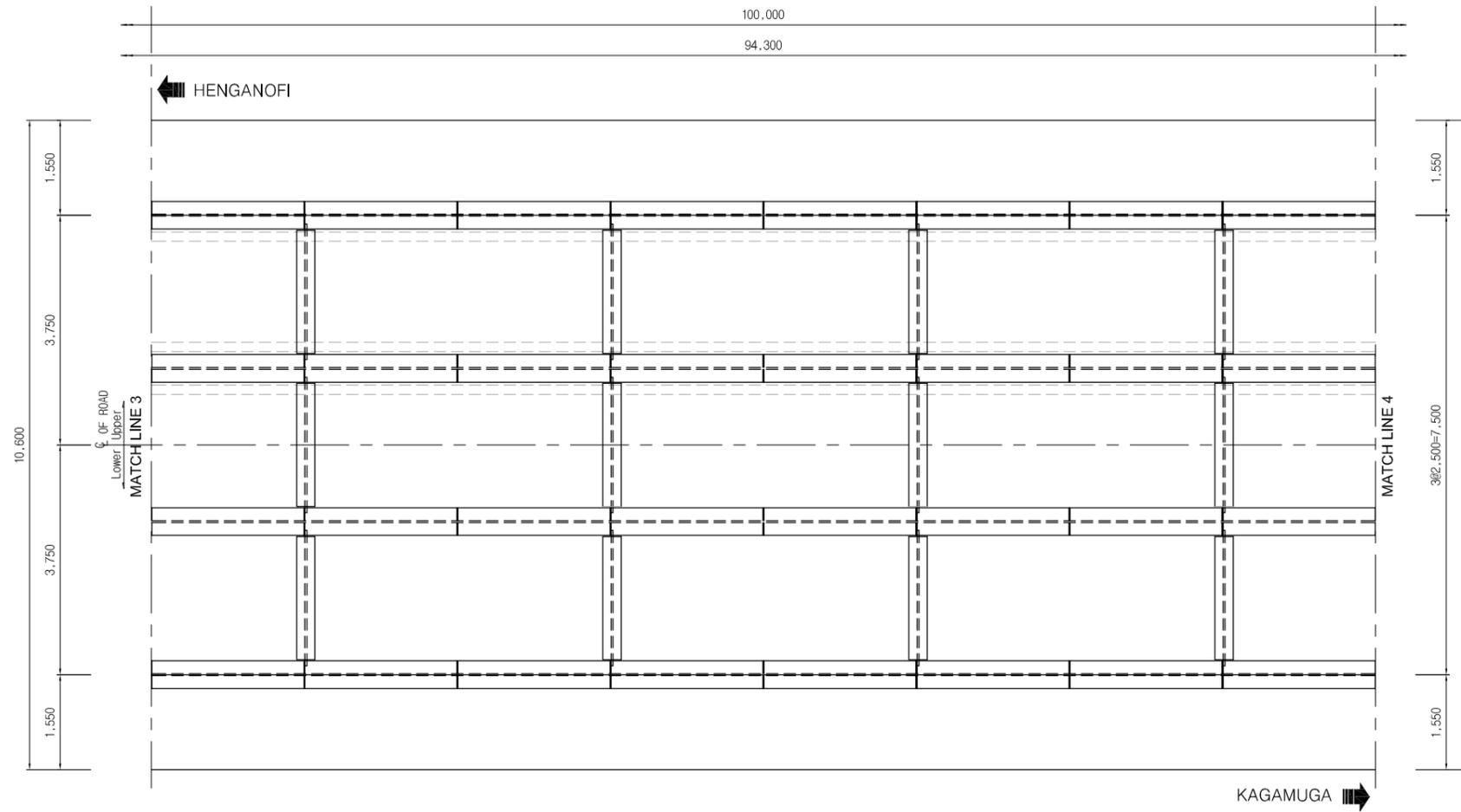


LONGITUDINAL SECTION

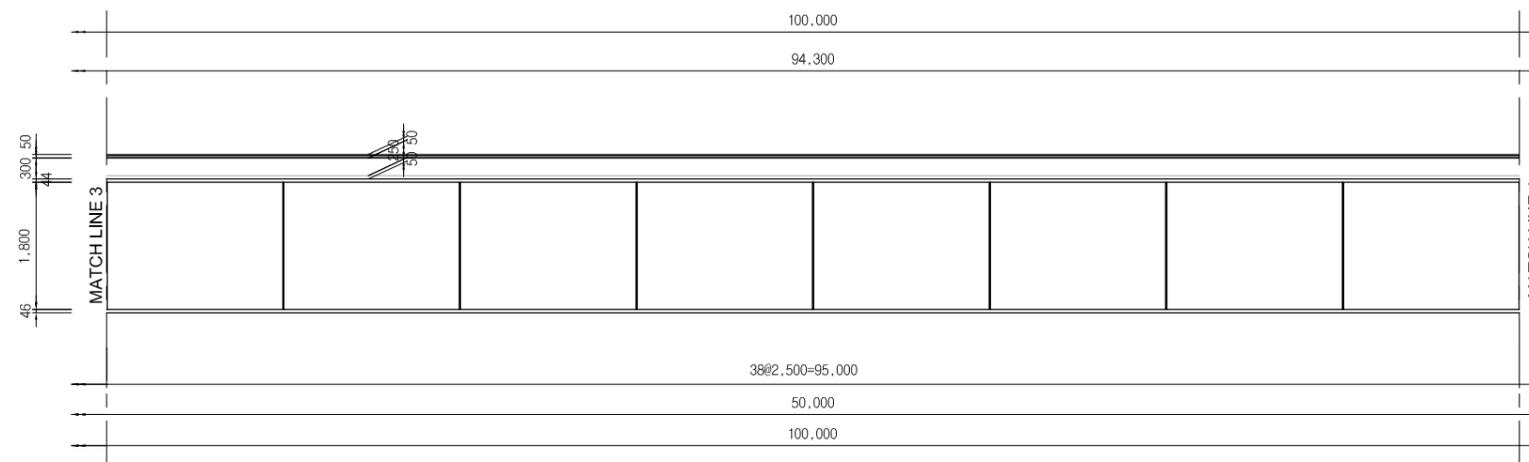


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES		PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM Date		CHECKED Y.J. Kim		PROJECT ENGINEER	PRINCIPAL ENGINEER		1 : 50	
					HORIZONTAL DATUM	PRINCIPAL 	DESIGNED I.H. Jang	APPROVED			DRAWING TITLE SLAB-GENERAL LAYOUT (3)		
					SURVEY BOOK Nos		DATE	CHECKED E.J. Oh	EXECUTIVE ENGINEER	SECRETARY	SHEET OF	PROJECT No.	AUTOCAD No.

PLAN VIEW

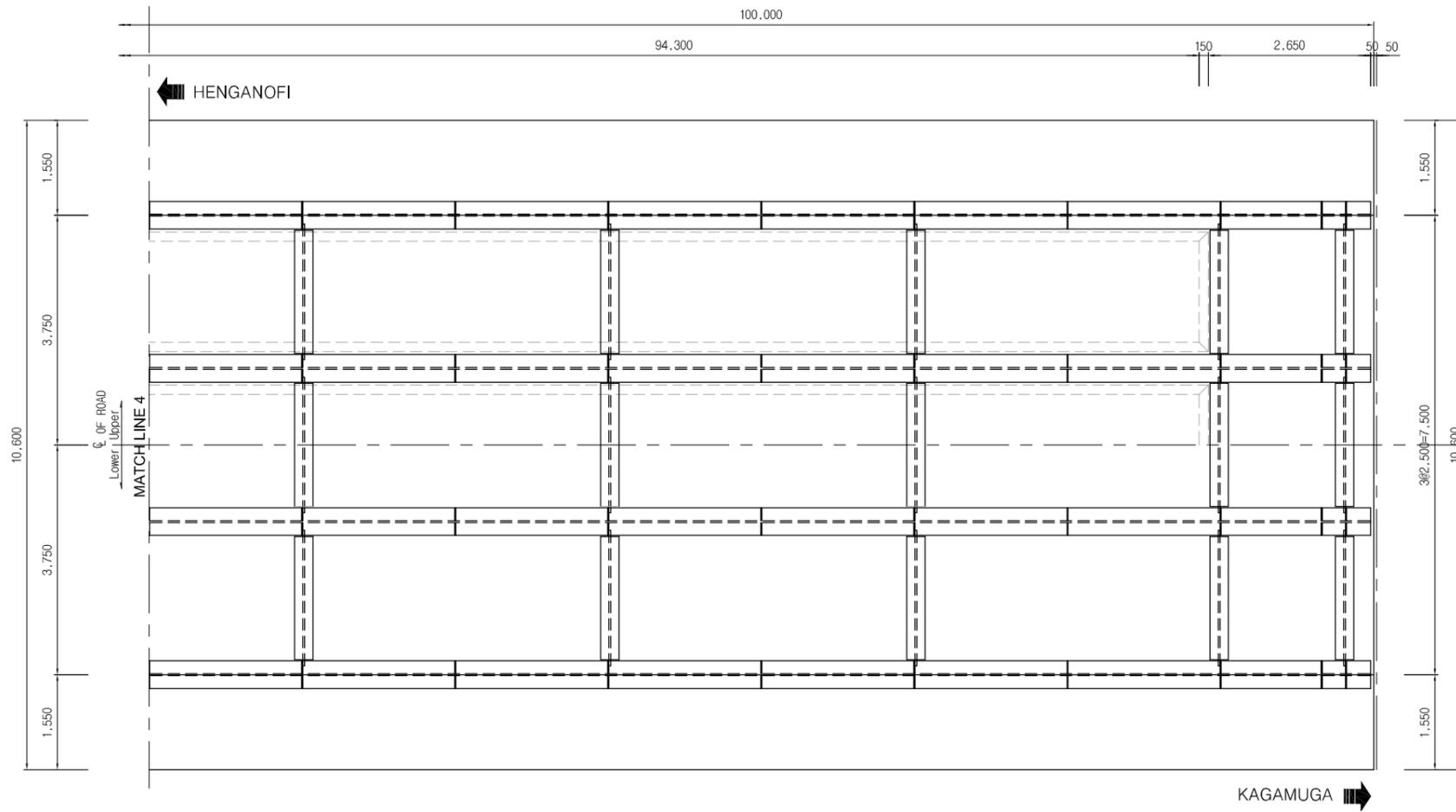


LONGITUDINAL SECTION

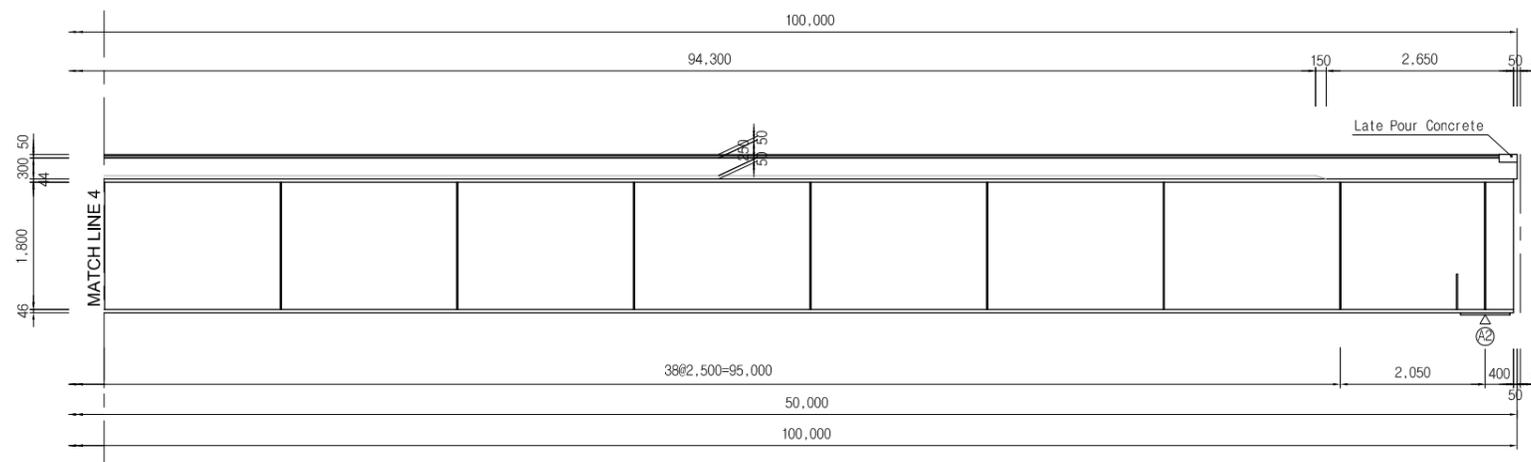


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1 : 50		PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK				
					VERTICAL DATUM Date		CHECKED Y.J. Kim							PROJECT ENGINEER	PRINCIPAL ENGINEER
					HORIZONTAL DATUM		DESIGNED I.H. Jang	APPROVED				DRAWING TITLE SLAB-GENERAL LAYOUT (4)			
					SURVEY BOOK Nos		PRINCIPAL Date	CHECKED E.J. Oh	EXECUTIVE ENGINEER	SECRETARY	SHEET OF	PROJECT No.	AUTOCAD No.	PAPUA NEW GUINEA DEPARTMENT OF WORKS	DRAWING No. A1/ NB158

PLAN VIEW

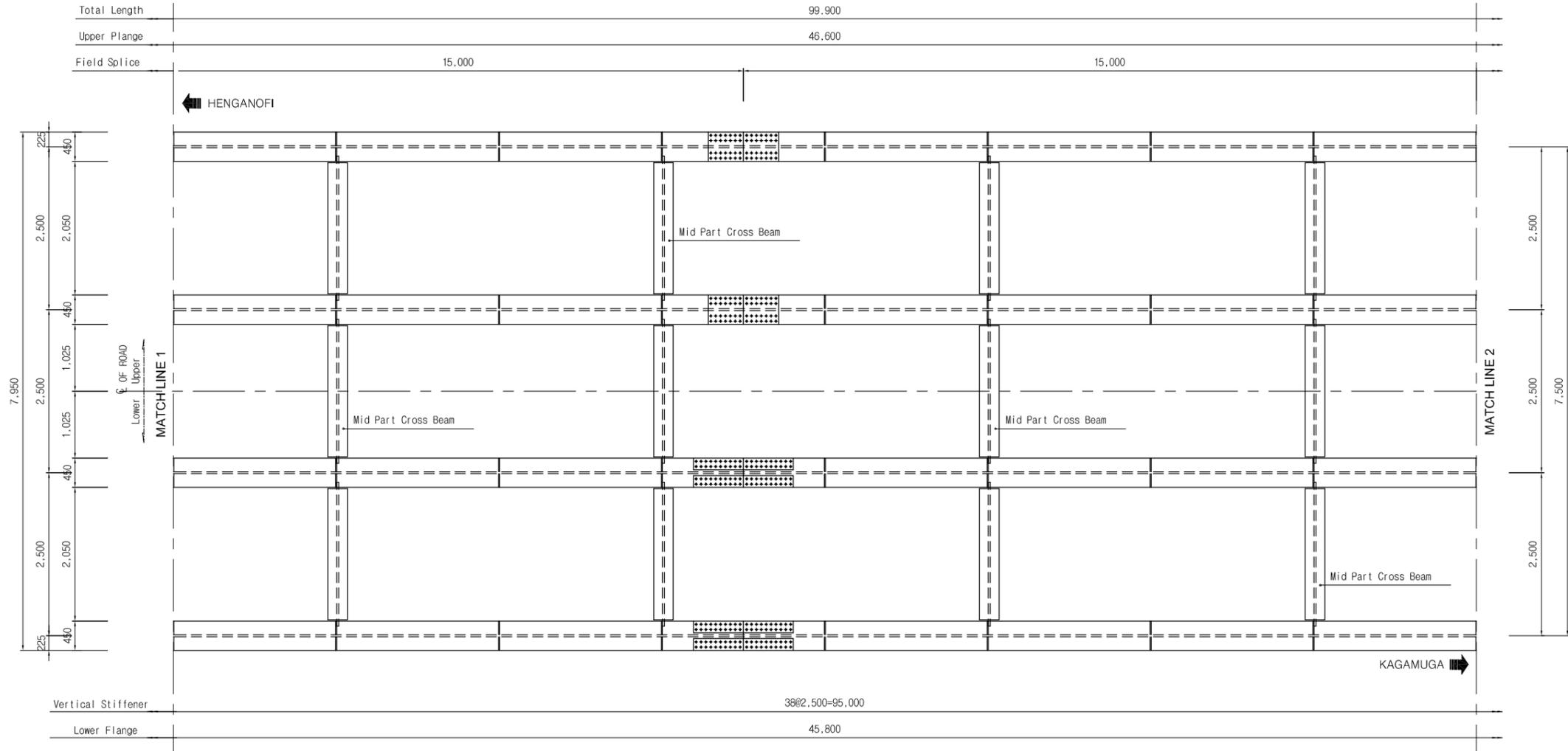


LONGITUDINAL SECTION

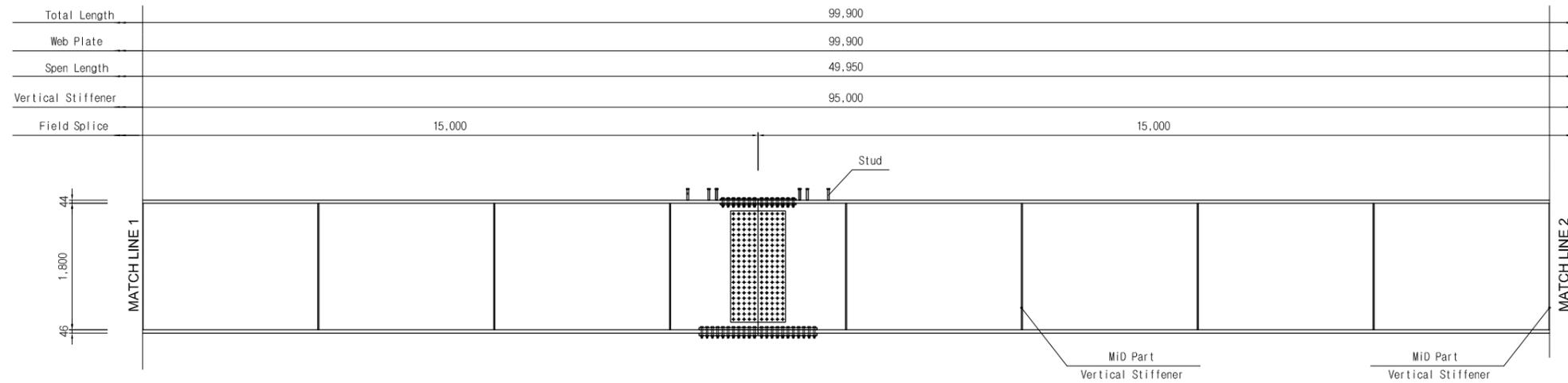


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1 : 50	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM Date		CHECKED Y.J. Kim			PROJECT ENGINEER	PRINCIPAL ENGINEER	DRAWING TITLE SLAB-GENERAL LAYOUT (5)
					HORIZONTAL DATUM	PRINCIPAL Date	DESIGNED I.H. Jang	APPROVED	SHEET OF	PROJECT No.	AUTOCAD No.	PAPUA NEW GUINEA DEPARTMENT OF WORKS
					SURVEY BOOK Nos		CHECKED E.J. Oh	EXECUTIVE ENGINEER		SECRETARY	DRAWING No. A1/ NB159	REV.

PLAN VIEW

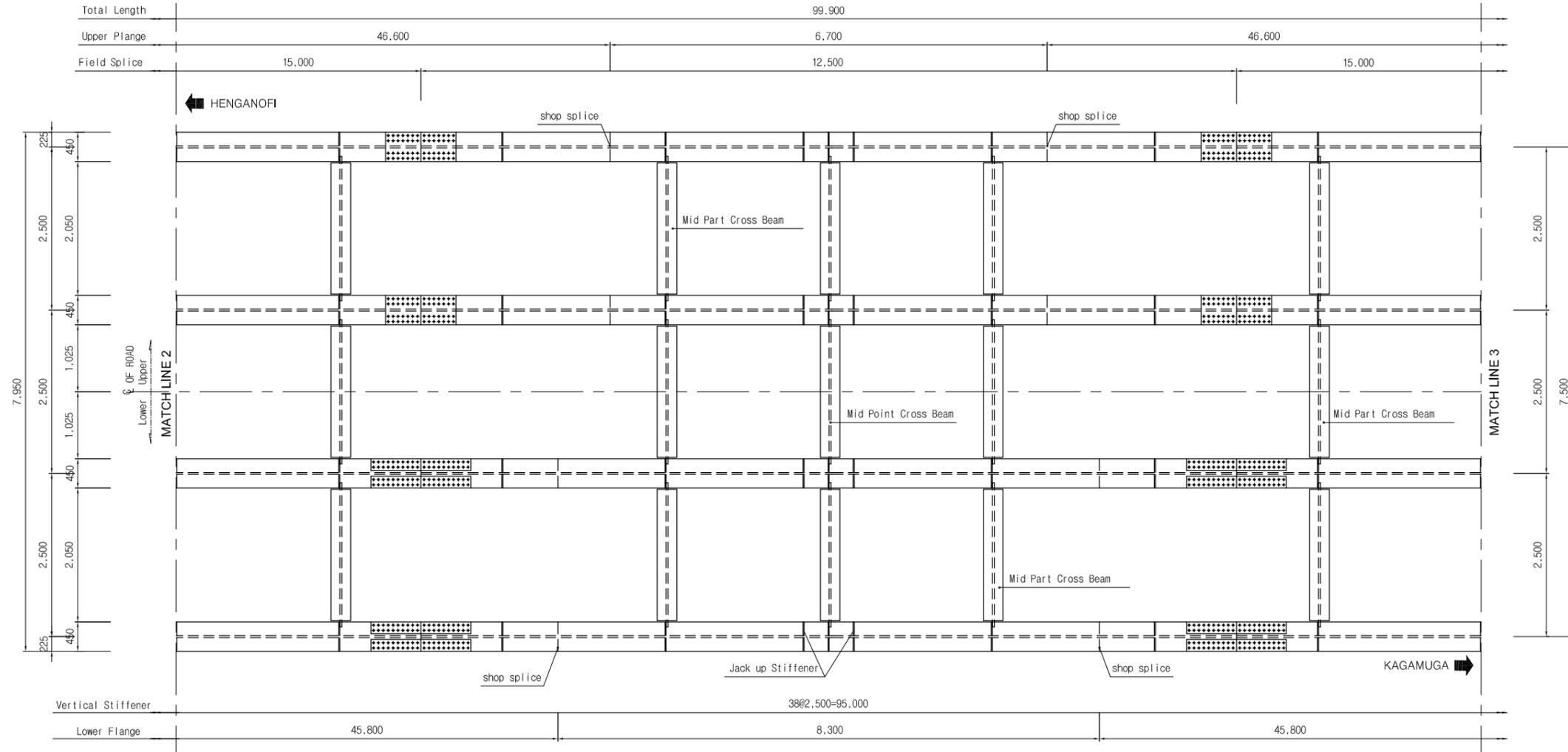


LONGITUDINAL SECTION

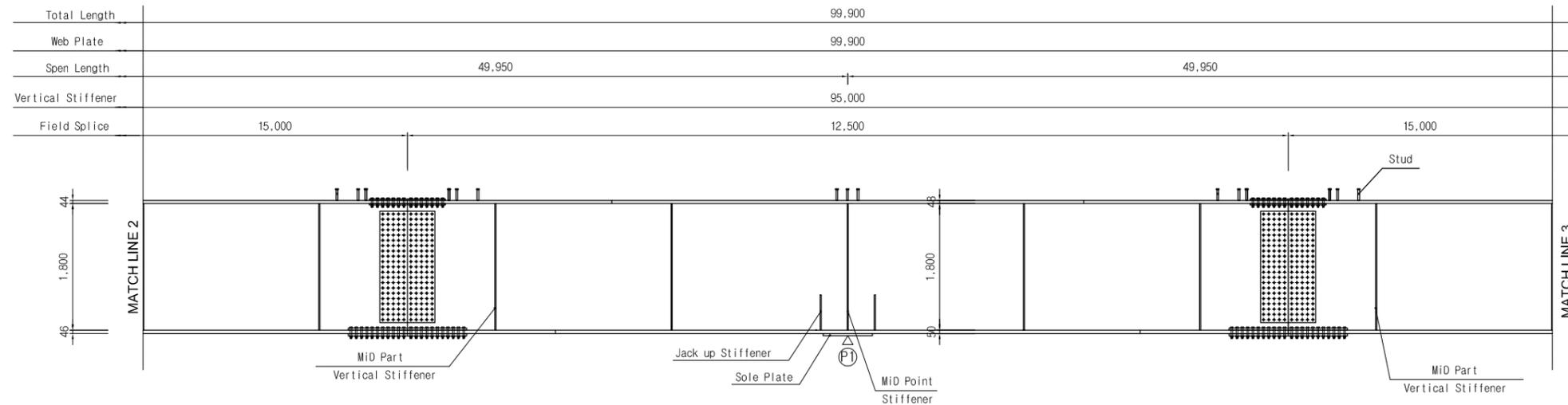


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1:40	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM Date		CHECKED Y.J. Kim			PROJECT ENGINEER	PRINCIPAL ENGINEER	DRAWING TITLE STEEL GIRDER - GENERAL LAYOUT (2)
					HORIZONTAL DATUM Date		DESIGNED I.H. Jang	APPROVED	PROJECT No.	AUTOCAD No.	DRAWING No. PAPUA NEW GUINEA DEPARTMENT OF WORKS A1/ NB161	
				SURVEY BOOK Nos	CHECKED E.J. Oh		EXECUTIVE ENGINEER				SECRETARY	SHEET OF

PLAN VIEW

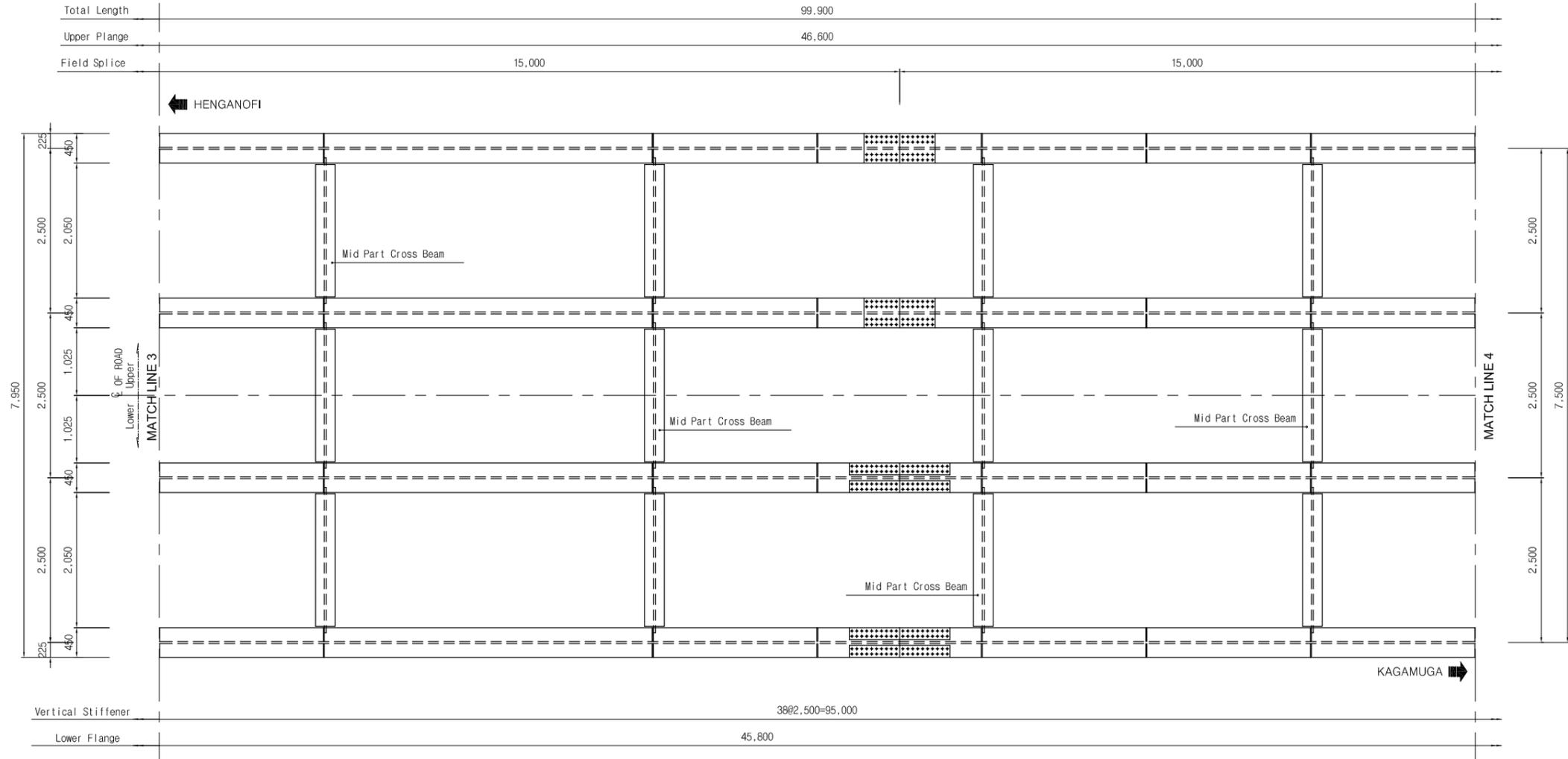


LONGITUDINAL SECTION

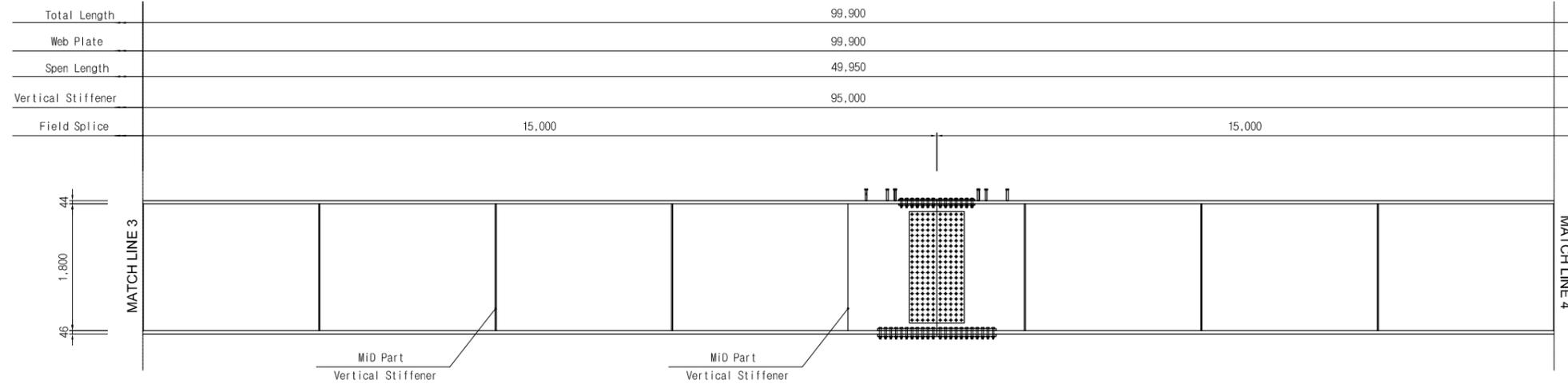


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1:40	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM		CHECKED Y.J. Kim			PROJECT ENGINEER	PRINCIPAL ENGINEER	DRAWING TITLE STEEL GIRDER - GENERAL LAYOUT (3)
					HORIZONTAL DATUM		DESIGNED I.H. Jang	APPROVED	PROJECT No.	AUTOCAD No.	DRAWING No. PAPUA NEW GUINEA DEPARTMENT OF WORKS A1/ NB162	
				SURVEY BOOK Nos	CHECKED E.J. Oh		EXECUTIVE ENGINEER				SECRETARY	SHEET OF

PLAN VIEW

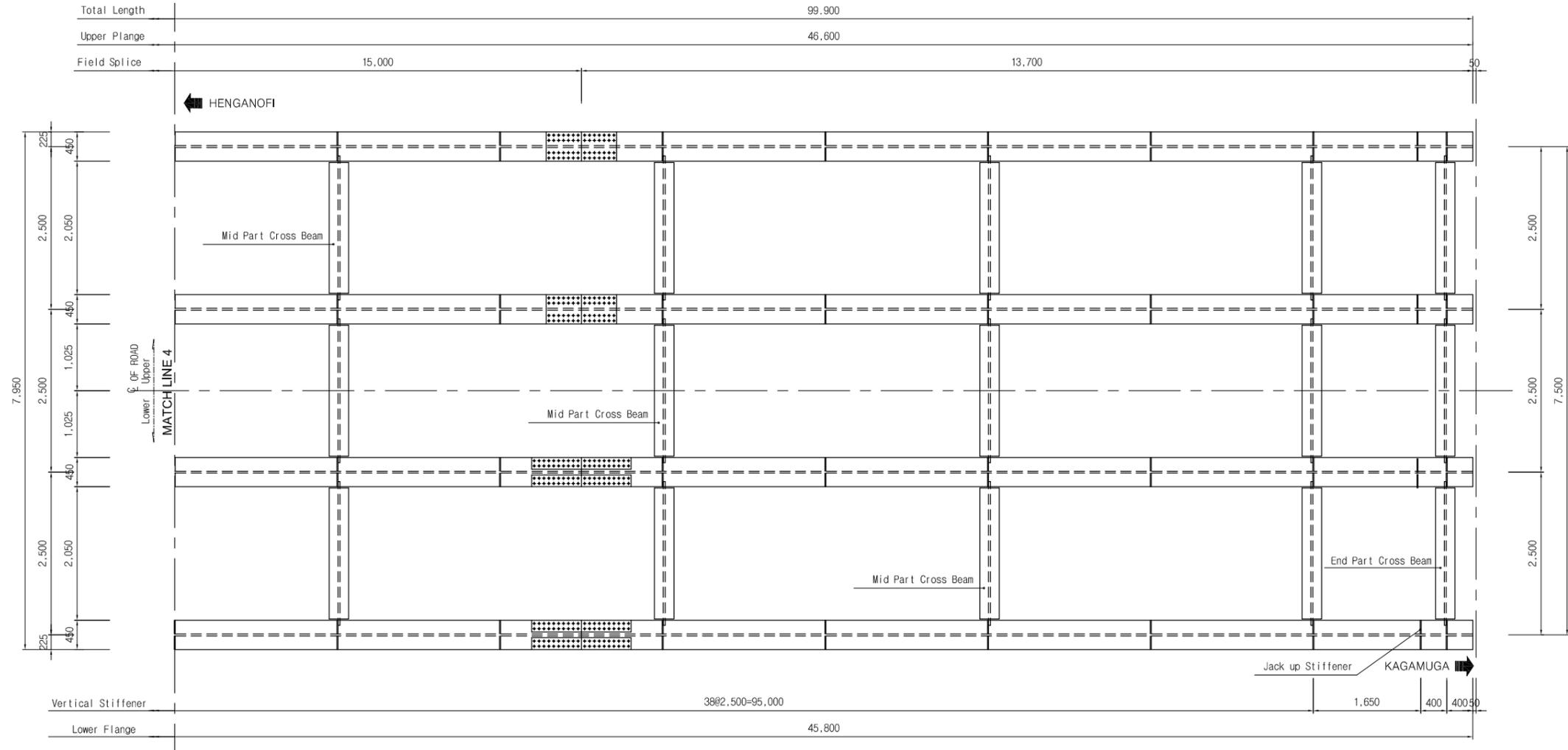


LONGITUDINAL SECTION

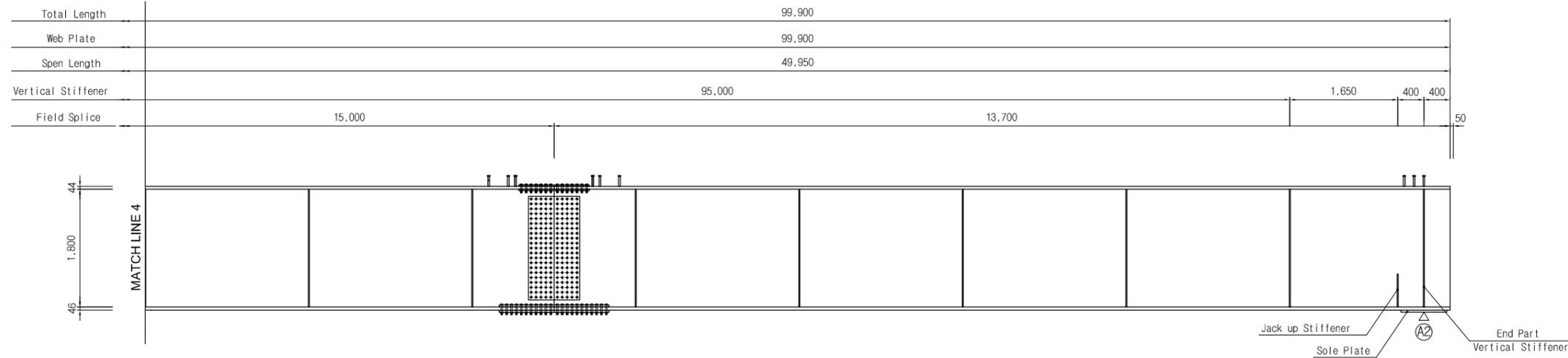


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1:40	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM Date		CHECKED Y.J. Kim			PROJECT ENGINEER	PRINCIPAL ENGINEER	DRAWING TITLE STEEL GIRDER - GENERAL LAYOUT (4)
					HORIZONTAL DATUM		DESIGNED I.H. Jang	APPROVED	SHEET OF	PROJECT No.	AUTOCAD No.	PAPUA NEW GUINEA
				SURVEY BOOK Nos	CHECKED E.J. Oh		EXECUTIVE ENGINEER					SECRETARY

PLAN VIEW

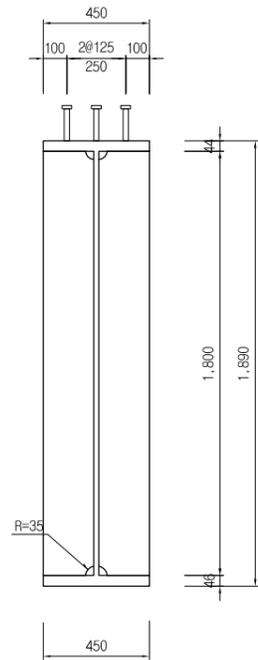


LONGITUDINAL SECTION



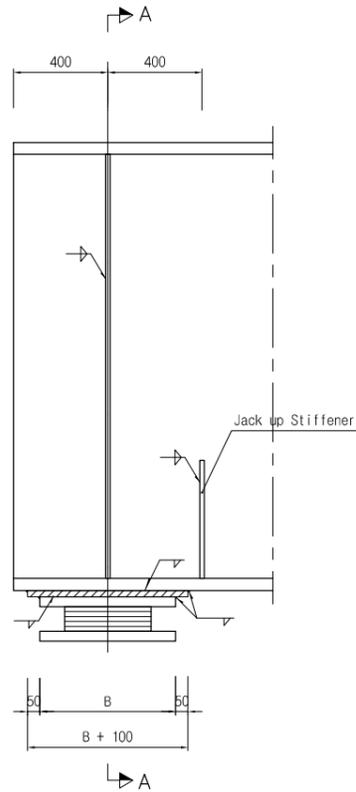
REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT	DRAWN	RECOMMENDED	SCALES		PROJECT TITLE	
					VERTICAL DATUM		 M.M. Kim PROJECT ENGINEER	1:40	ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK			
HORIZONTAL DATUM	DESIGNED	APPROVED	SHEET OF	PROJECT No.	AUTOCAD No.		DRAWING TITLE					
SURVEY BOOK Nos	 I.H. Jang EXECUTIVE ENGINEER	 E.J. Oh SECRETARY				STEEL GIRDER - GENERAL LAYOUT (5)						
									PAPUA NEW GUINEA DEPARTMENT OF WORKS		DRAWING No.	REV.
					Date	Date			A1/ NB164			

STEEL GIRDER DETAIL (MIDSPAN)

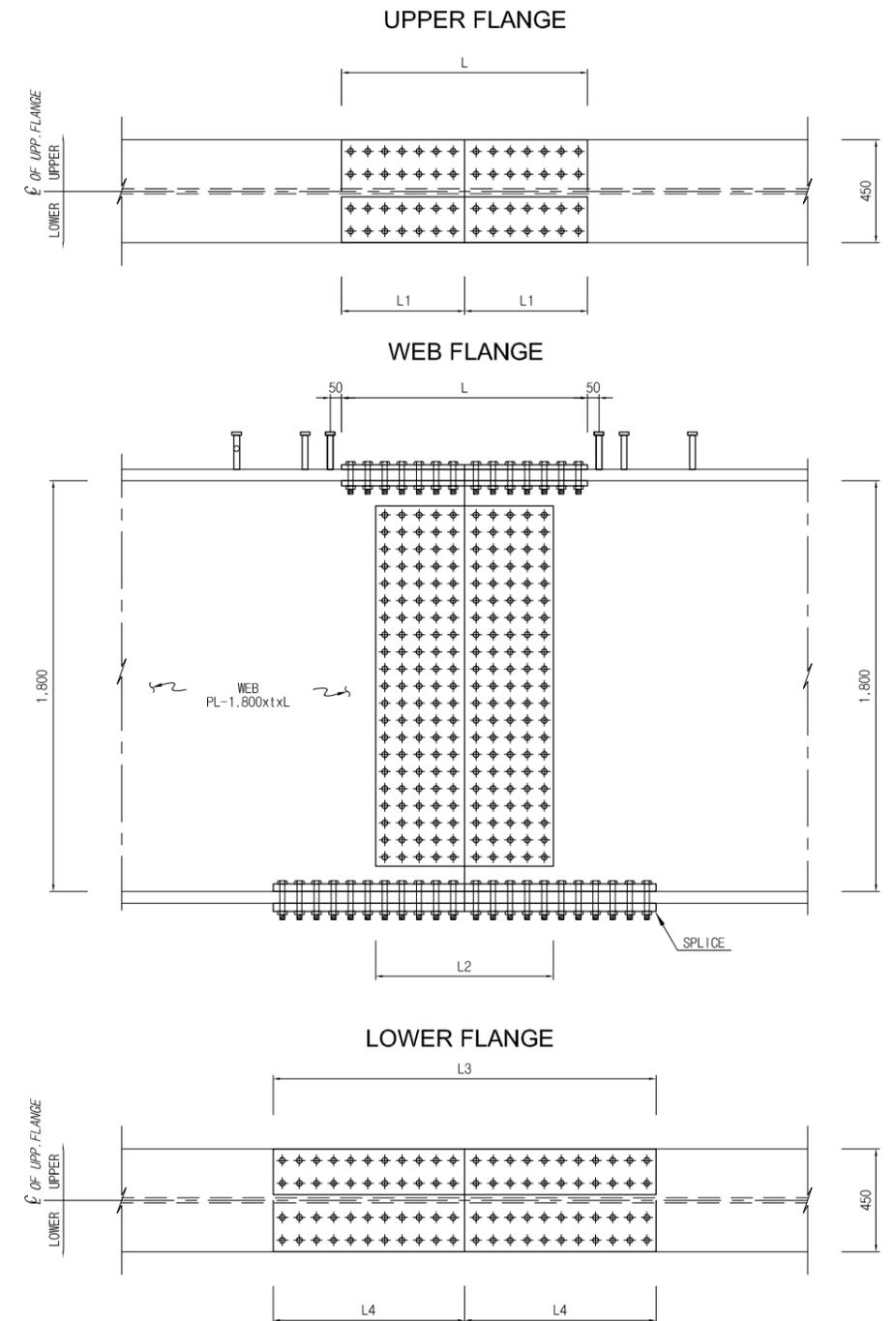


(Per 1ea)
 PL-450X44X46.600X2EA (SM420) - MAIN GIRDER UPP. FLANGE
 PL-1,800X20X46.600X2EA (SM420) - MAIN GIRDER WEB
 PL-450X46X45.800X2EA (SM420) - MAIN GIRDER LOW. FLANGE

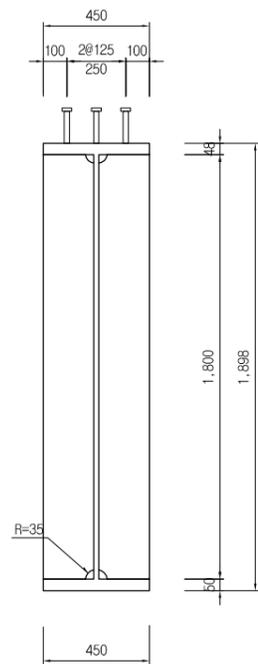
END PART DETAIL



SPLICE DETAILS

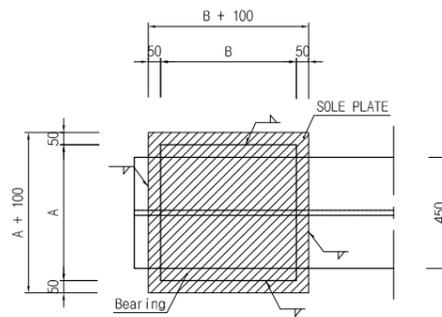


STEEL GIRDER DETAIL (SUPPORT)

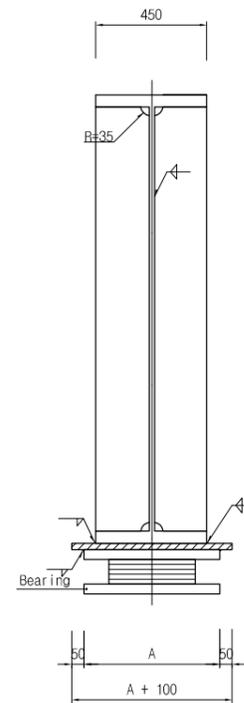


(Per 1ea)
 PL-450X48X6.700X1EA (SM420) - MAIN GIRDER UPP. FLANGE
 PL-1,800X20X6.700X1EA (SM420) - MAIN GIRDER WEB
 PL-450X50X8.300X1EA (SM420) - MAIN GIRDER LOW. FLANGE

END PART PLAN VIEW

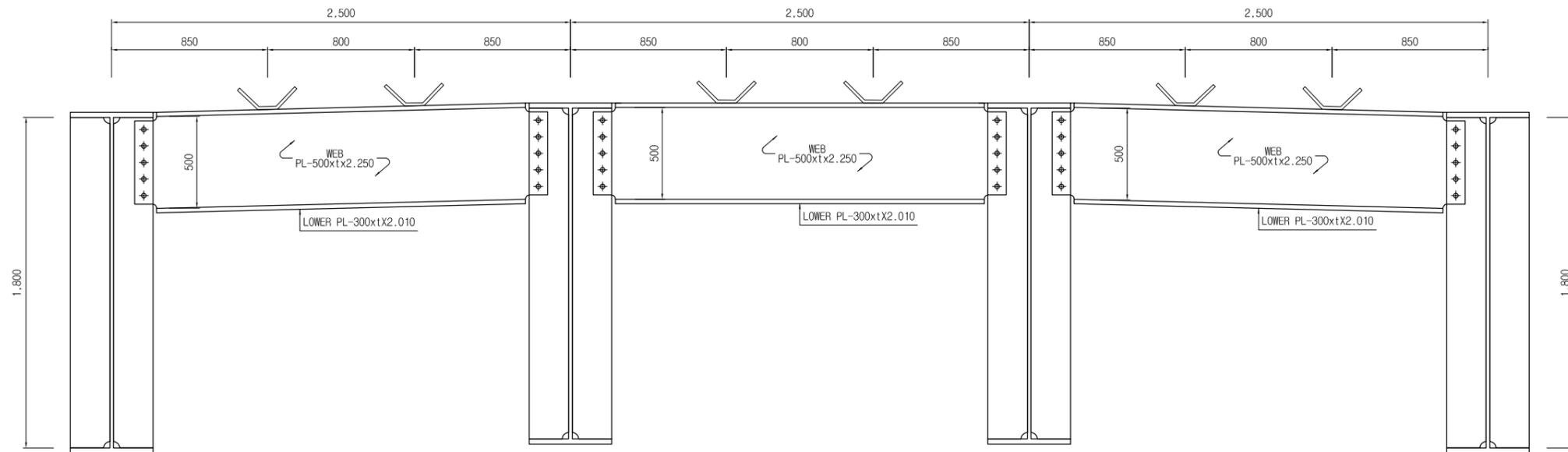


SECTION A-A

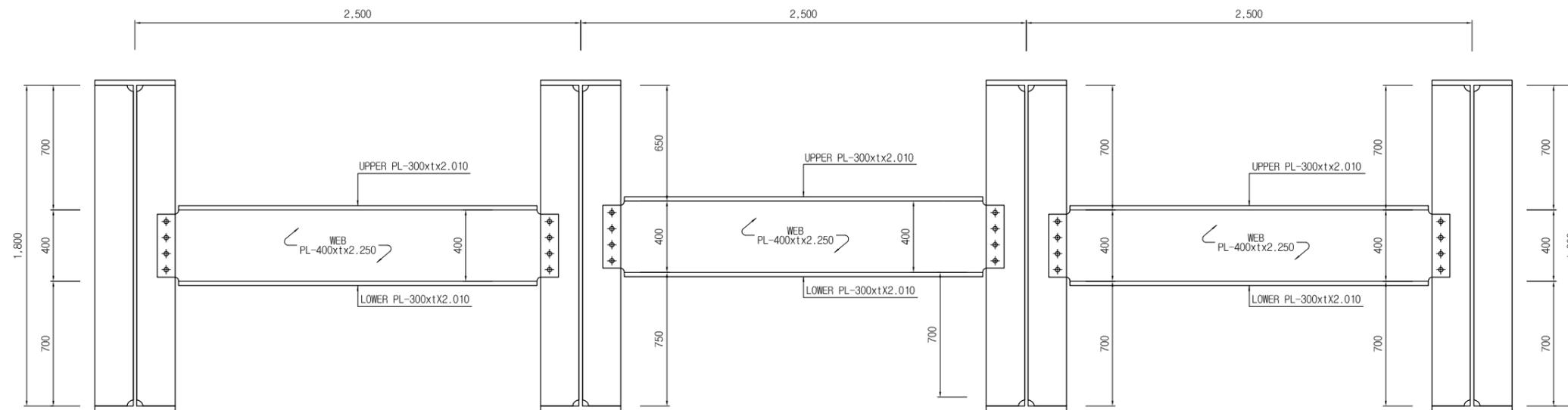


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1:15	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM Date		CHECKED Y.J. Kim			PROJECT ENGINEER	PRINCIPAL ENGINEER	DRAWING TITLE STEEL GIRDER DETAILS
					HORIZONTAL DATUM	PRINCIPAL 	DESIGNED I.H. Jang	APPROVED	PROJECT No.	AUTOCAD No.	DRAWING No. PAPUA NEW GUINEA DEPARTMENT OF WORKS A1/ NB165	
				SURVEY BOOK Nos	CHECKED E.J. Oh		EXECUTIVE ENGINEER				SECRETARY	SHEET OF

END CROSS BEAM AT ABUTMENT

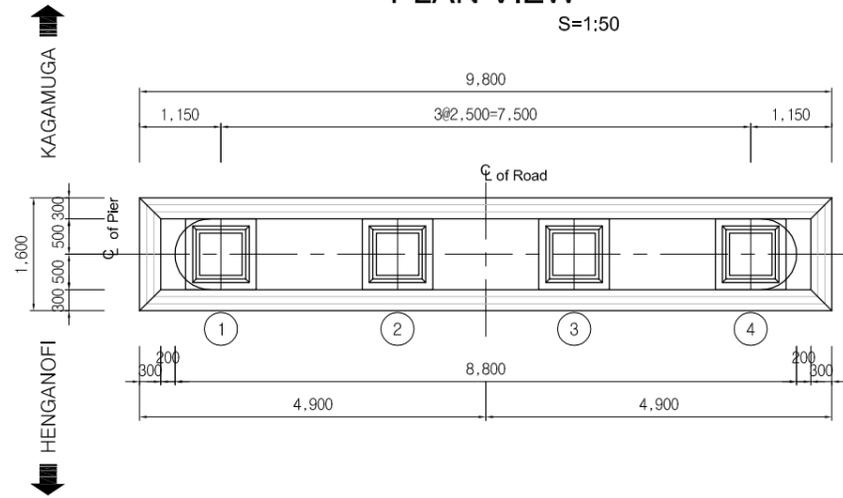


TYPICAL INTERMEDIATE CROSS BEAM DETAILS

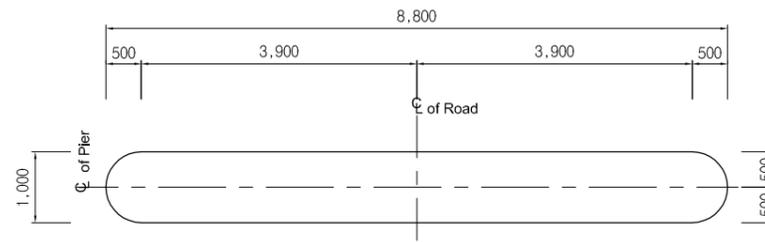


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1:15		PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK	
					VERTICAL DATUM Date		CHECKED Y.J. Kim					
					HORIZONTAL DATUM		DESIGNED I.H. Jang	APPROVED	PROJECT No.		DRAWING TITLE DIAPHRAGM DETAILS	
				SURVEY BOOK Nos	CHECKED E.J. Oh		EXECUTIVE ENGINEER					

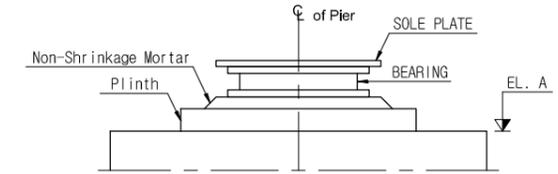
PLAN VIEW
S=1:50



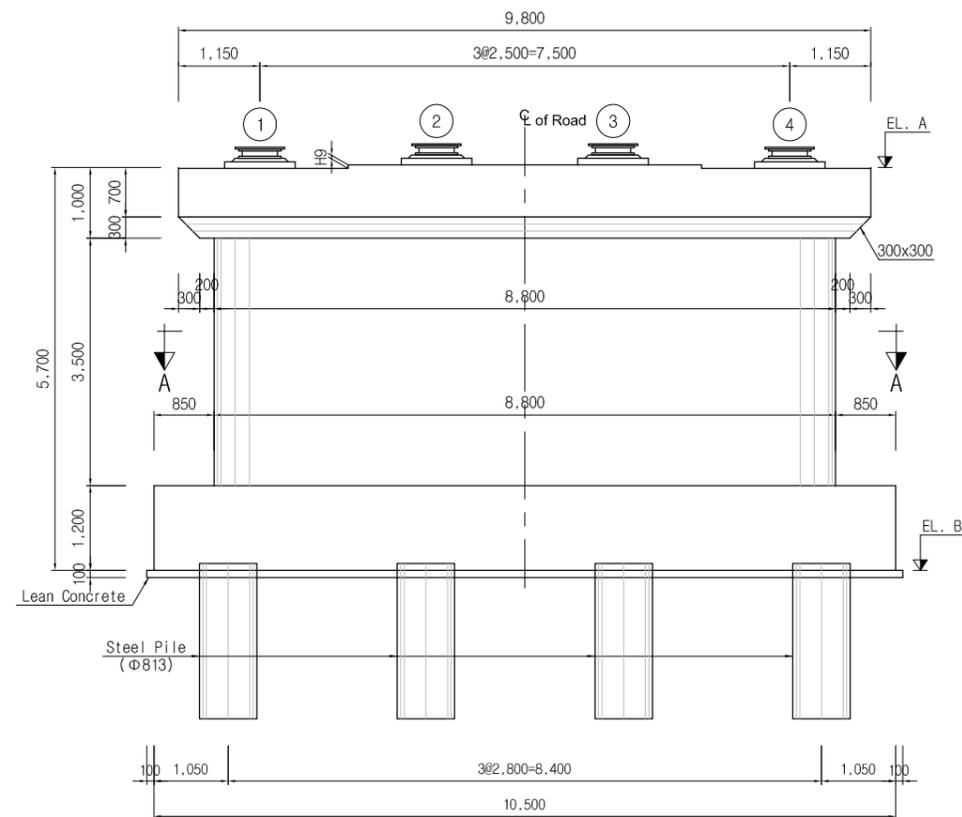
SECTION A-A
S=1:50



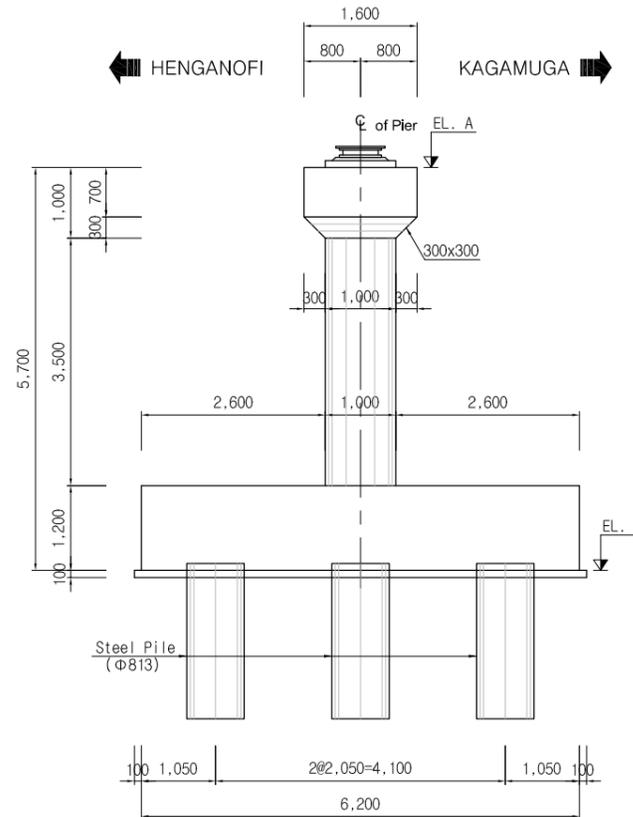
BEARING DETAIL VIEW
S=NONE



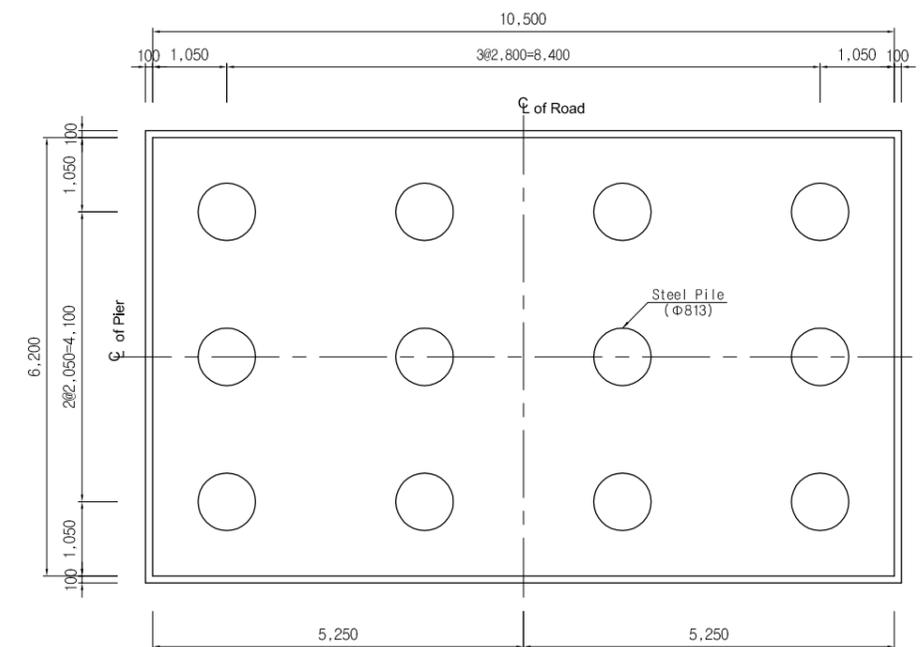
FRONT ELEVATION VIEW
S=1:50



SIDE SECTION VIEW
S=1:50

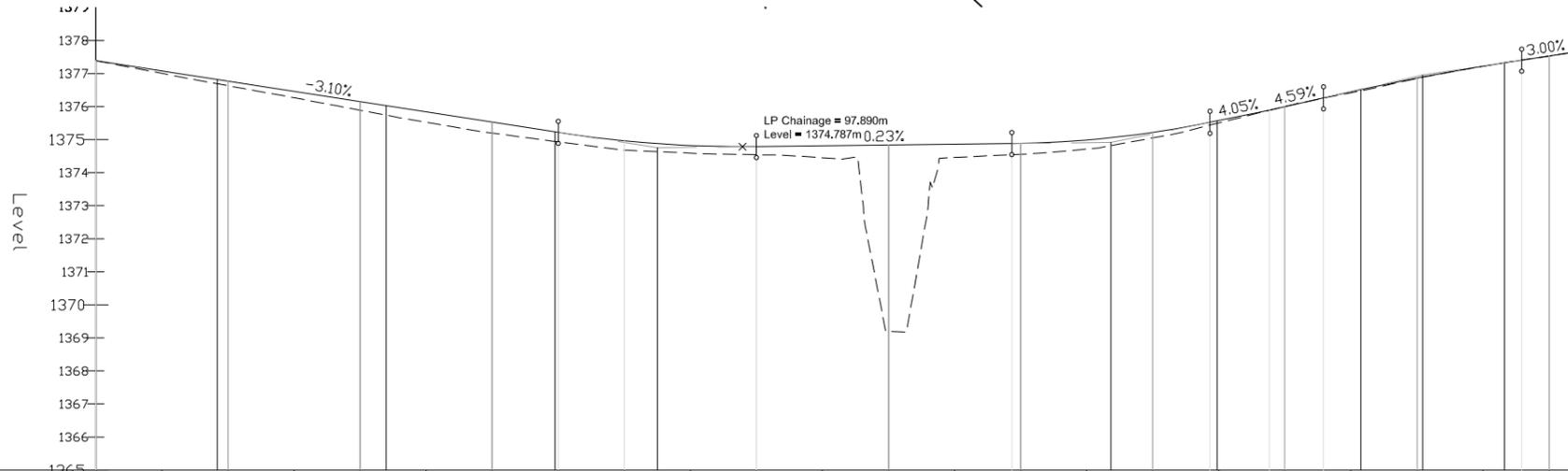
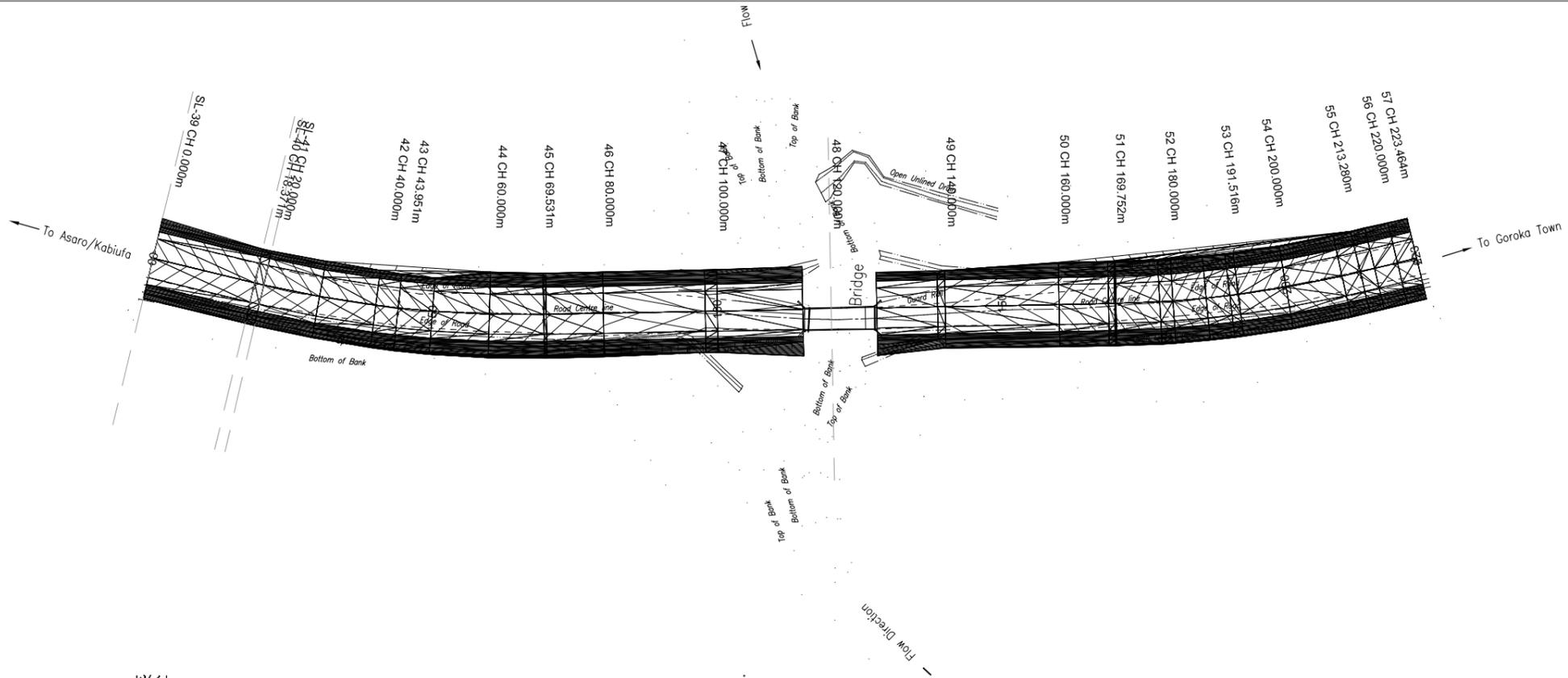


FOUNDATION PLAN VIEW
S=1:50



REV.	AMENDMENTS				BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	PROJECT ENGINEER	RECOMMENDED	SCALES AS SHOWN	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
	VERTICAL DATUM		DESIGNED I.H. Jang	APPROVED				DRAWING TITLE PIER - GENERAL LAYOUT (PIER1)								
	HORIZONTAL DATUM							CHECKED E.J. Oh		EXECUTIVE ENGINEER		SECRETARY		DRAWING No. A1/ NB169		
	SURVEY BOOK Nos		Date											PAPUA NEW GUINEA		REV.

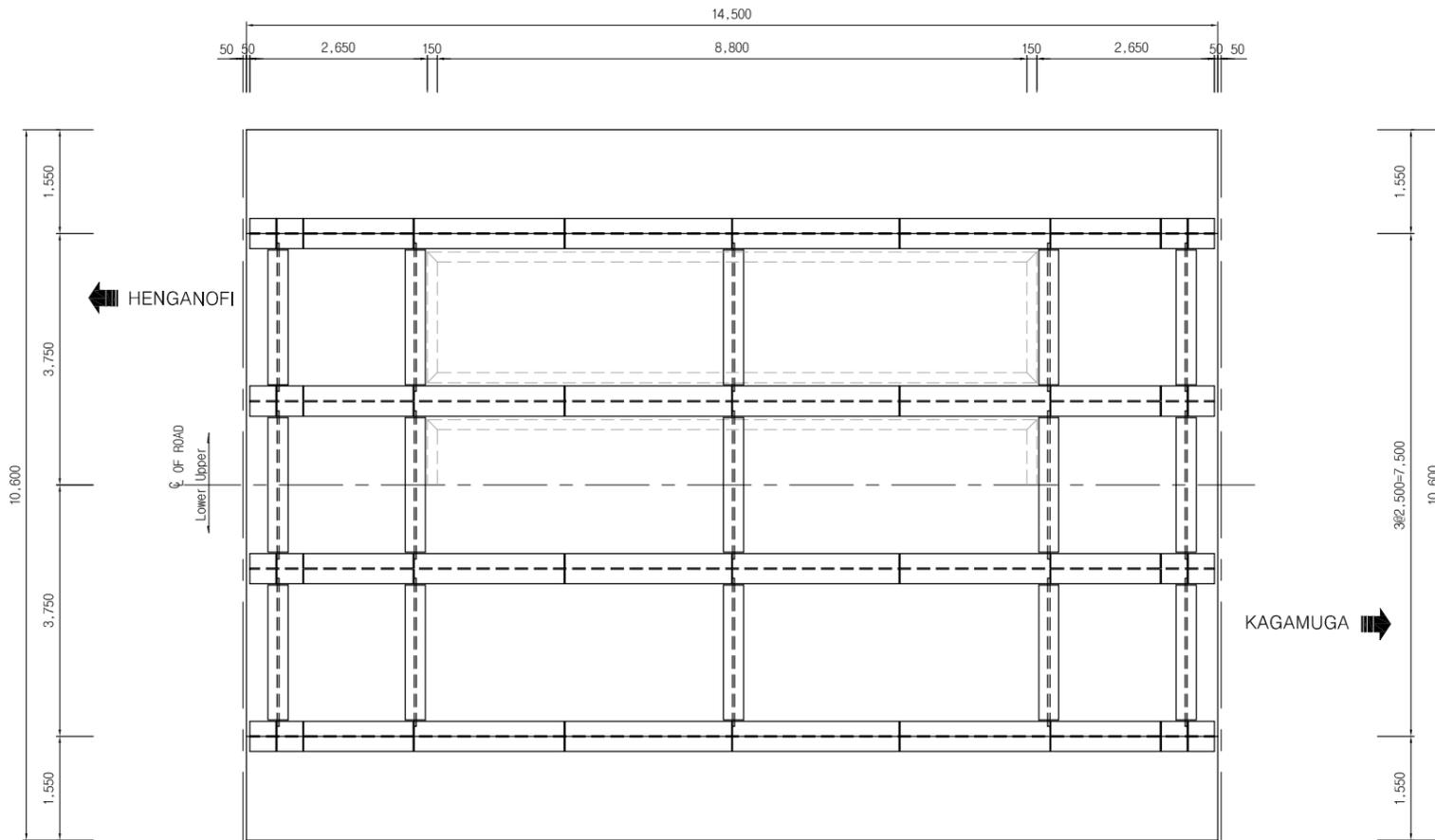
43. Taraboro River Bridge



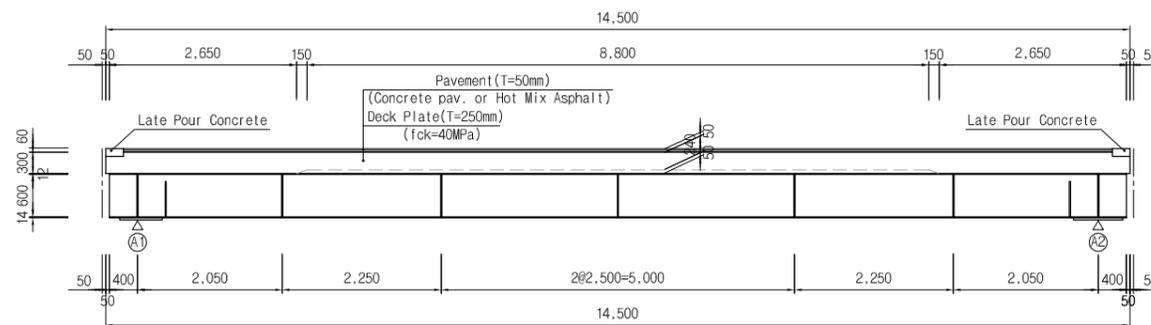
Level Difference	0.000	-0.075	-0.139	-0.193	-0.259	-0.313	-0.332	-0.290	-0.284	-0.232	-0.248	-0.381	-5.635	-0.402	-0.329	-0.275	-0.170	-0.072	0.006	-0.031	-0.010	-0.003	0.003	0.000	
Chainage	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	210.000	220.000	223.464	
Existing Levels	1377.389	1377.004	1376.630	1376.267	1375.891	1375.527	1375.197	1374.930	1374.681	1374.590	1374.541	1374.453	1368.202	1374.458	1374.556	1374.714	1375.050	1375.505	1376.001	1376.419	1376.851	1377.216	1377.530	1377.831	
Horizontal Geometry	L = 18.371		R: 200.000 L: 51.160					L = 100.222					R: 200.000 L: 43.528					L = 10.184							

REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT	DRAWN	RECOMMENDED	SCALES	PROJECT TITLE		
					VERTICAL DATUM	PEC	D. VALLIKAY		H 1:1000 V 1:200	ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					HORIZONTAL DATUM		CHECKED	APPROVED		DRAWING TITLE		
					SURVEY BOOK Nos		A. WAZOB	PRINCIPAL ENGINEER		PLAN AND PROFILE SHEET - TARABORO		
							A. WAZOB			PAPUA NEW GUINEA	DRAWING No.	REV.
							I. JANG	EXECUTIVE ENGINEER		DEPARTMENT OF WORKS	A1/ ARO30	

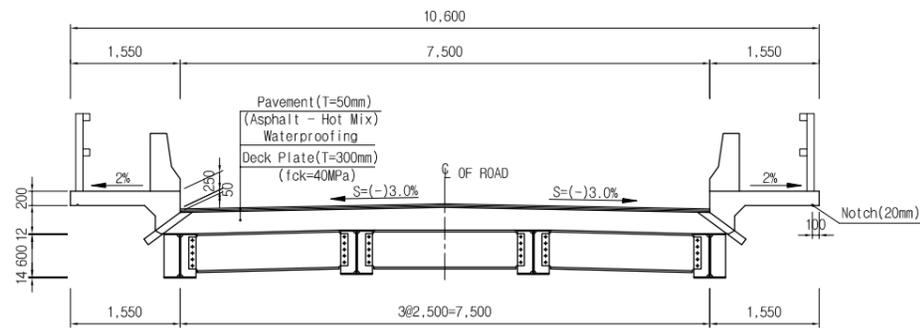
PLAN VIEW



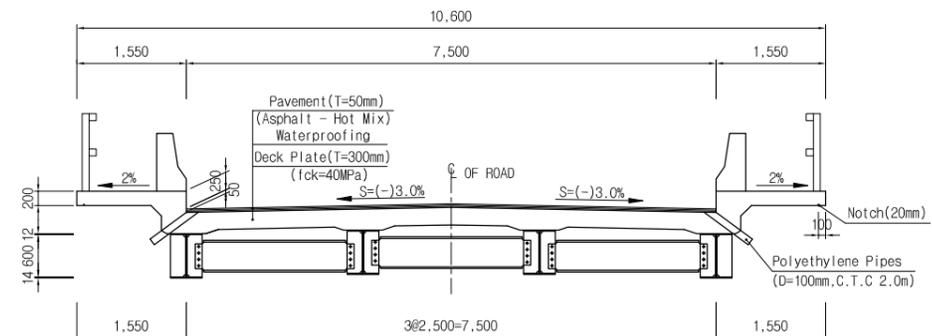
LONGITUDINAL SECTION



END PART SECTION

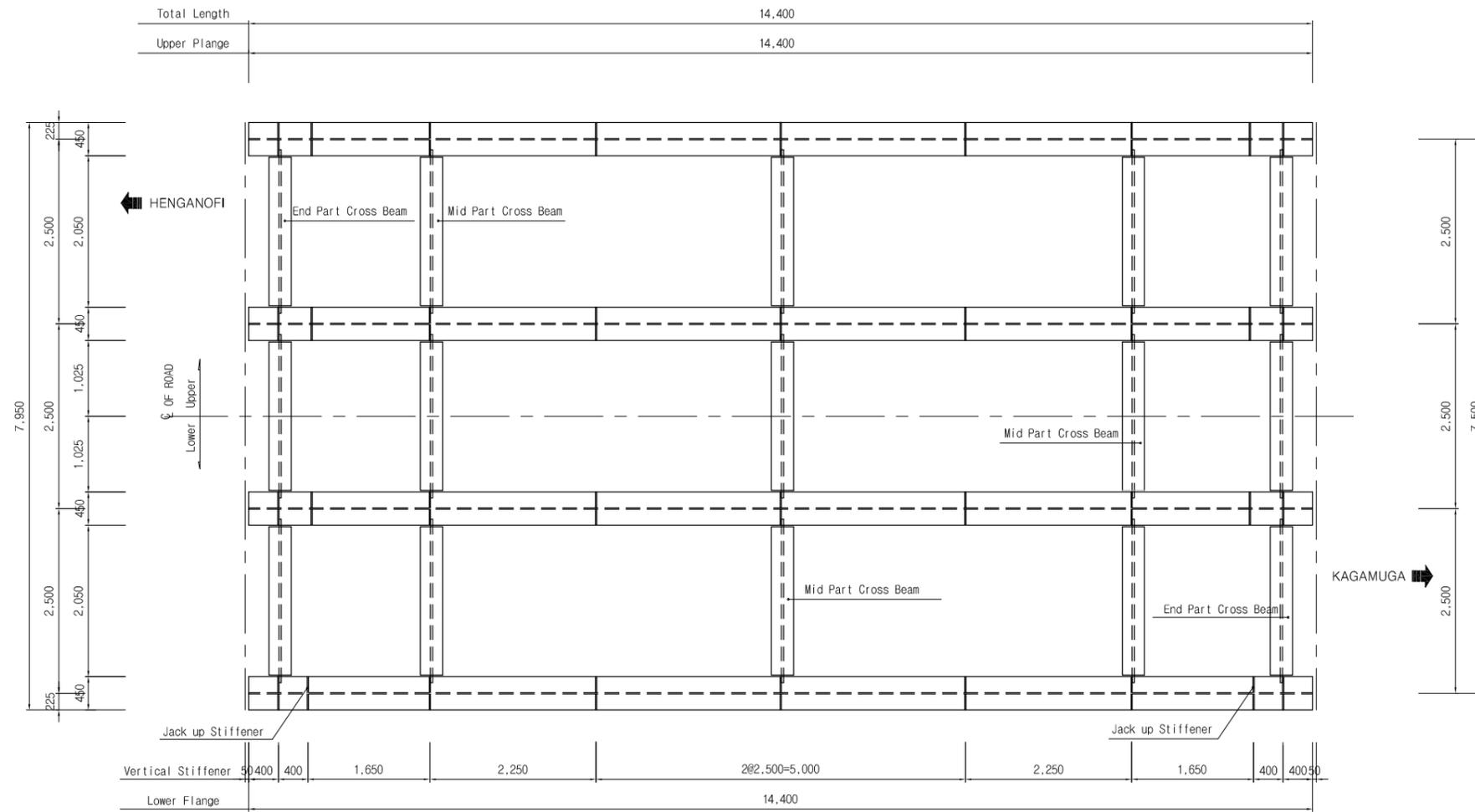


MID PART SECTION

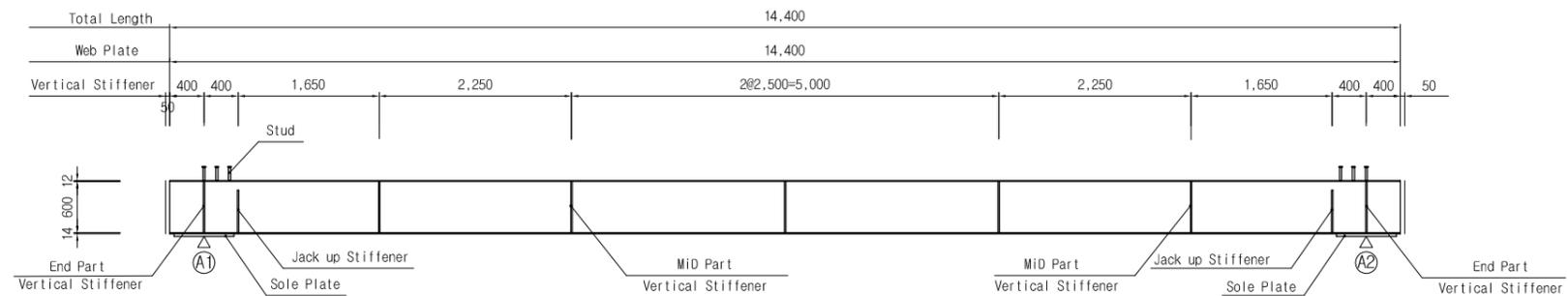


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT	DRAWN	CHECKED	DESIGNED	CHECKED	RECOMMENDED	SCALES	PROJECT TITLE				
					VERTICAL DATUM										M.M. Kim	Y.J. Kim	I.H. Jang
					HORIZONTAL DATUM				E.J. Oh		APPROVED	SHEET OF	PROJECT No.	AUTOCAD No.			
				SURVEY BOOK Nos	PRINCIPAL		E.J. Oh	EXECUTIVE ENGINEER	SECRETARY	DRAWING TITLE	DRAWING No.				REV.		
														SLAB-GENERAL LAYOUT	PAPUA NEW GUINEA	A1/ NB171	
														DEPARTMENT OF WORKS			

PLAN VIEW

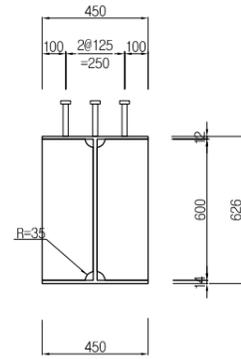


LONGITUDINAL SECTION



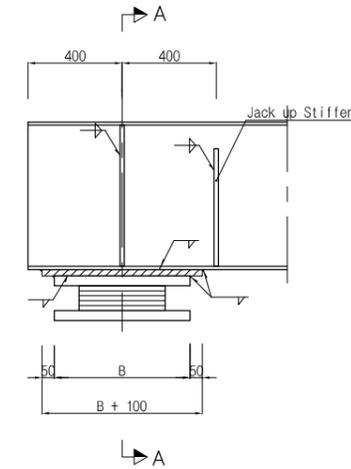
REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1:40	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM Date		CHECKED Y.J. Kim			PROJECT ENGINEER	PRINCIPAL ENGINEER	DRAWING TITLE STEEL GIRDER - GENERAL LAYOUT
					HORIZONTAL DATUM Date		DESIGNED I.H. Jang	APPROVED	PROJECT No.	AUTOCAD No.	DRAWING No. DEPARTMENT OF WORKS A1/ NB172	
				SURVEY BOOK Nos	PRINCIPAL Date		CHECKED E.J. Oh				EXECUTIVE ENGINEER	SECRETARY

STEEL GIRDER DETAIL

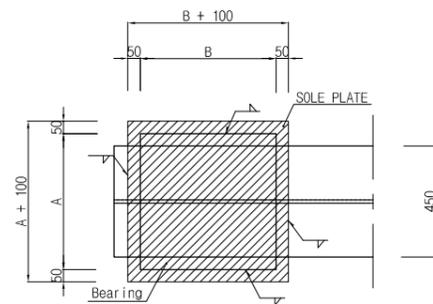


(Per 1ea)
 PL-450X12X14,400X1EA (SM420) - MAIN GIRDER UPP. FLANGE
 PL-600X16X14,400X1EA (SM420) - MAIN GIRDER WEB
 PL-450X14X14,400X1EA (SM420) - MAIN GIRDER LOW. FLANGE

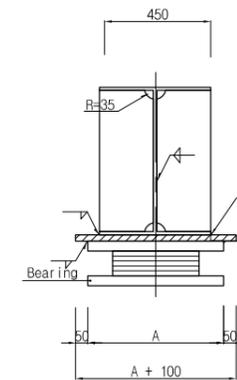
END PART DETAIL



END PART PLAN VIEW

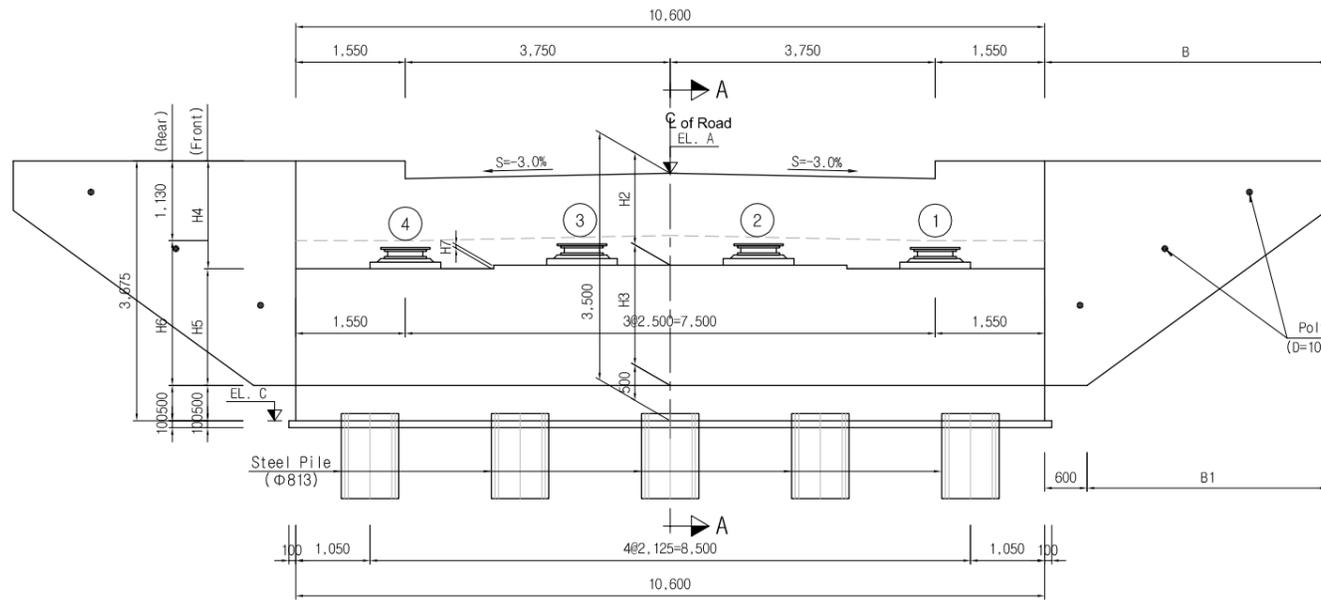


SECTION A-A

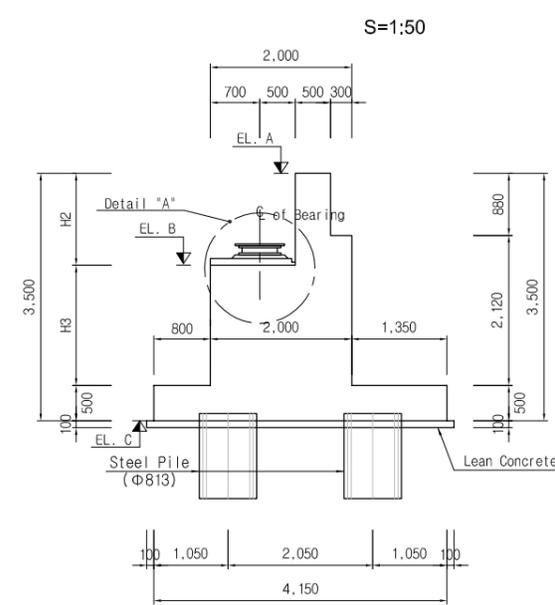


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1:15	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM		CHECKED Y.J. Kim			PROJECT ENGINEER	PRINCIPAL ENGINEER	DRAWING TITLE STEEL GIRDER DETAILS
					HORIZONTAL DATUM		DESIGNED I.H. Jang	APPROVED	SHEET OF	PROJECT No.	AUTOCAD No.	PAPUA NEW GUINEA
				SURVEY BOOK Nos	CHECKED E.J. Oh		EXECUTIVE ENGINEER					SECRETARY

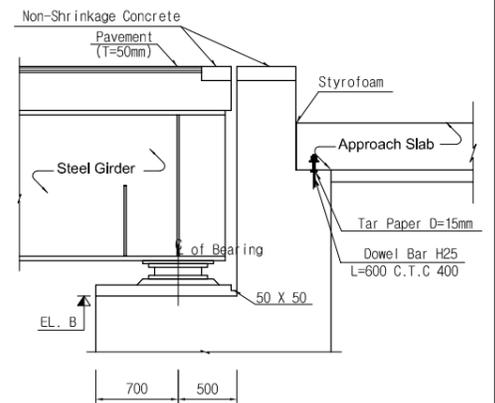
FRONT VIEW
S=1:50



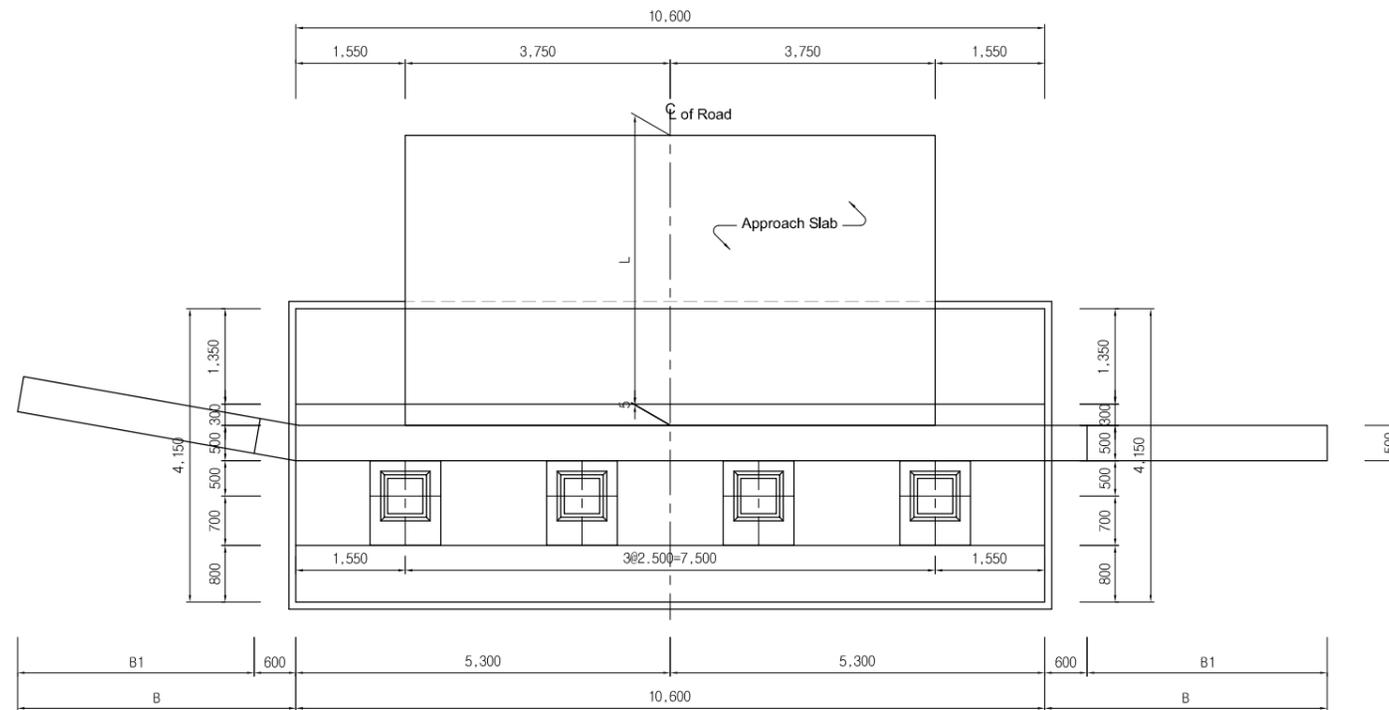
SECTION A-A
S=1:50



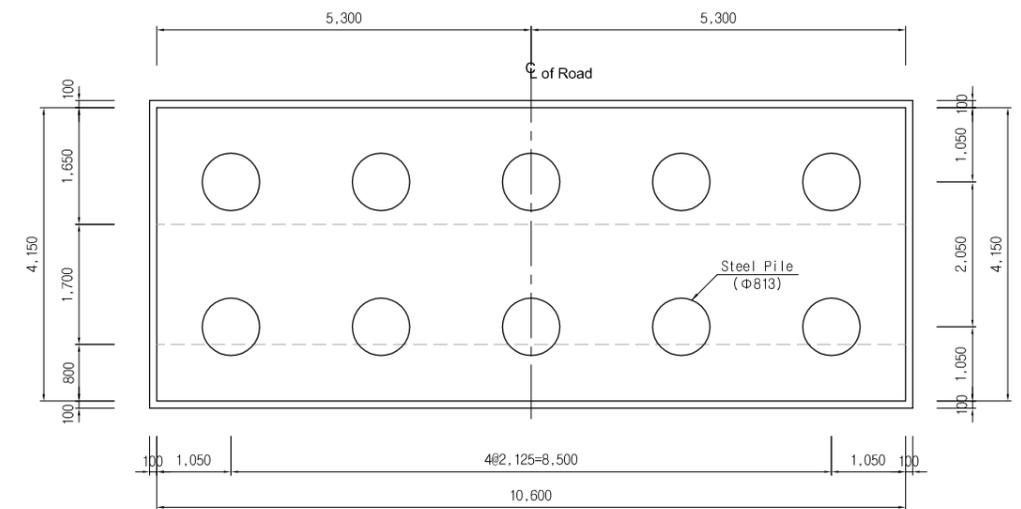
DETAIL "A"
S=NONE



PLAN VIEW
S=1:50

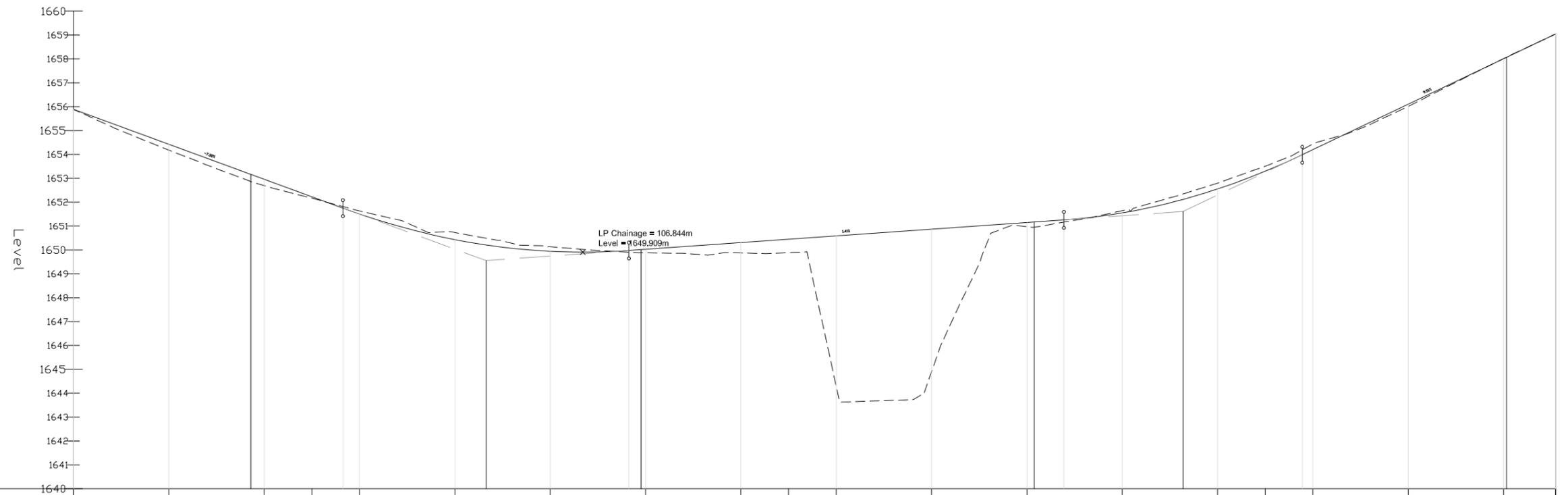
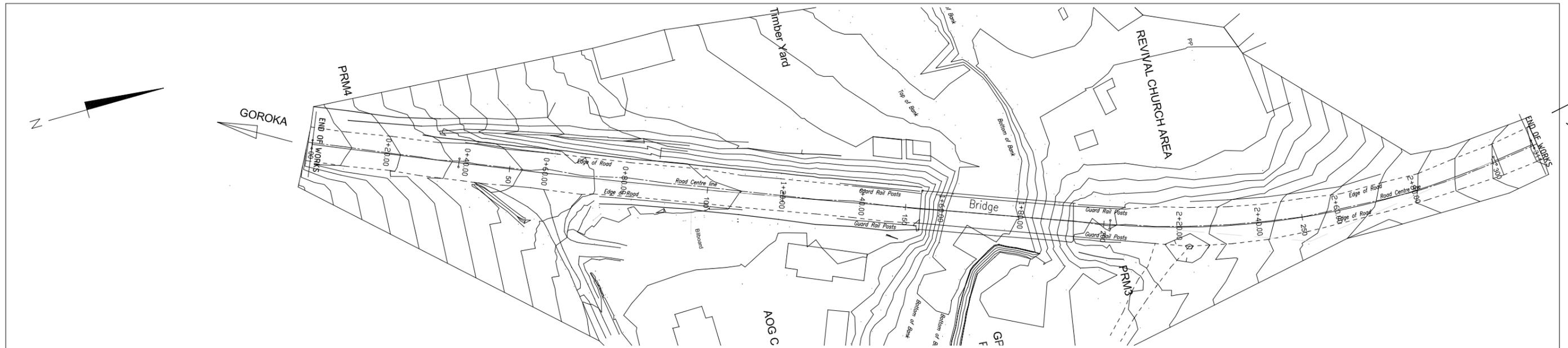


FOUNDATION PLAN VIEW
S=1:50



REV.	AMENDMENTS			SURVEY	DATE	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES		PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK	
	BY	APP'D	DATE		VERTICAL DATUM		CHECKED Y.J. Kim		PROJECT ENGINEER	AS SHOWN		DRAWING TITLE
					HORIZONTAL DATUM		DESIGNED I.H. Jang		APPROVED	PRINCIPAL ENGINEER		ABUTMENT - GENERAL LAYOUT (A2)
					SURVEY BOOK Nos		CHECKED E.J. Oh		EXECUTIVE ENGINEER	SECRETARY		SHEET OF
PAPUA NEW GUINEA											REV.	
DEPARTMENT OF WORKS												

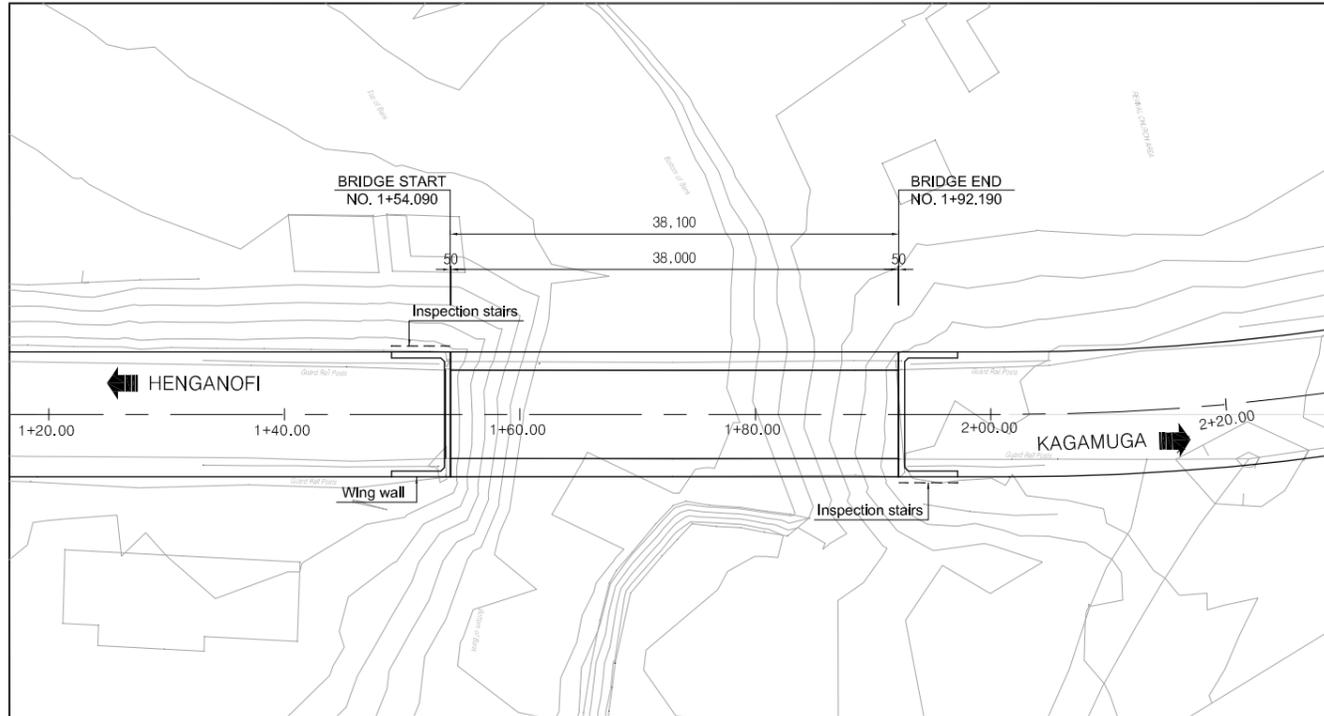
45. Jogi River Bridge



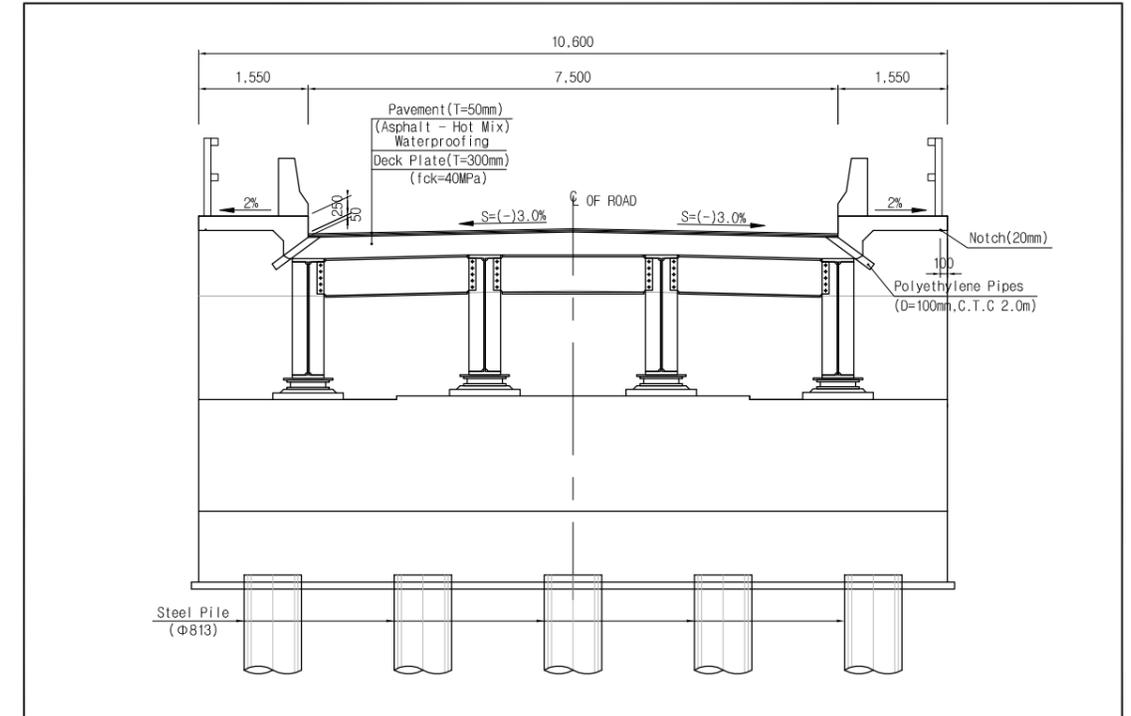
Proposed Levels	1655.886	1654.422	1652.569	1652.227	1651.504	1650.432	1649.943	1650.026	1650.307	1650.447	1650.588	1650.869	1651.150	1651.552	1652.553	1653.297	1654.199	1656.101	1658.003	1659.042
Existing Levels	1655.886	1654.179	1652.691	1652.164	1651.631	1650.729	1650.133	1649.875	1649.874	1649.886	1644.278	1644.900	1650.971	1651.642	1652.798	1653.507	1654.440	1656.011	1658.013	1659.042
Chainage	00+000	20+000	40+000	50+000	60+000	80+000	100+000	120+000	140+000	150+000	160+000	180+000	200+000	220+000	240+000	250+000	260+000	280+000	300+000	310+931
Horizontal Geometry	L = 37.172		R: 2000.000 L: 81.861					L = 82.509					R: 200.000 L: 99.085					L = 10.305		

REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT	DRAWN	RECOMMENDED	SCALES	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM	PEC	D. VALLIKAY	PRINCIPAL ENGINEER				
					Date		CHECKED	APPROVED	H 1:1000 V 1:200	DRAWING No.		REV.
							A. WAZOB	EXECUTIVE ENGINEER		SECRETARY	PAPUA NEW GUINEA	
					HORIZONTAL DATUM	PRINCIPAL	DESIGNED		SHEET OF	PROJECT No.	AUTOCAD No.	
					SURVEY BOOK Nos	Date	CHECKED					
							I. JANG					

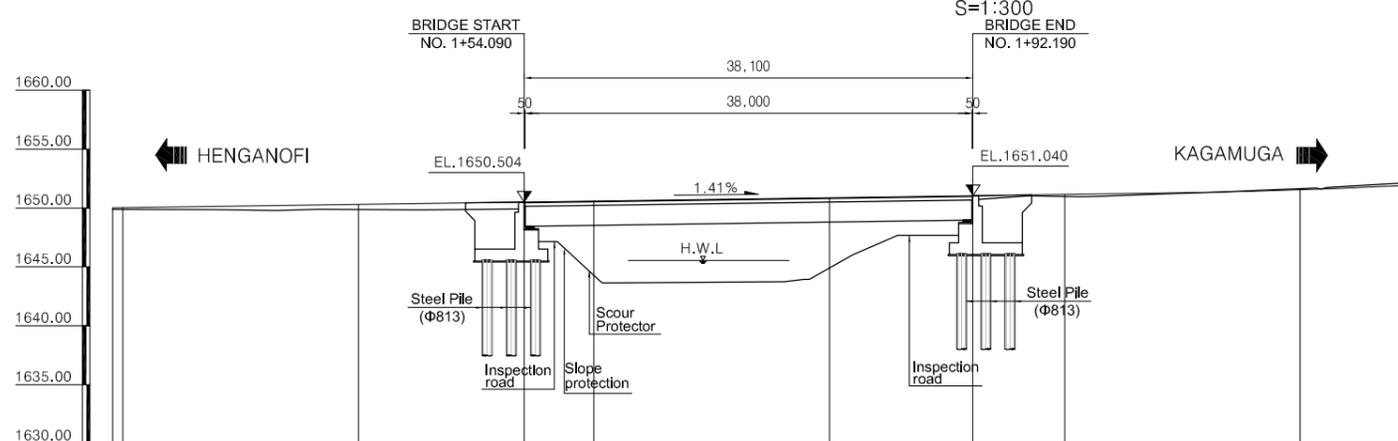
LAYOUT PLAN
S=1:300



CROSS SECTION
S=1:50



LONGITUDINAL ELEVATION
S=1:300

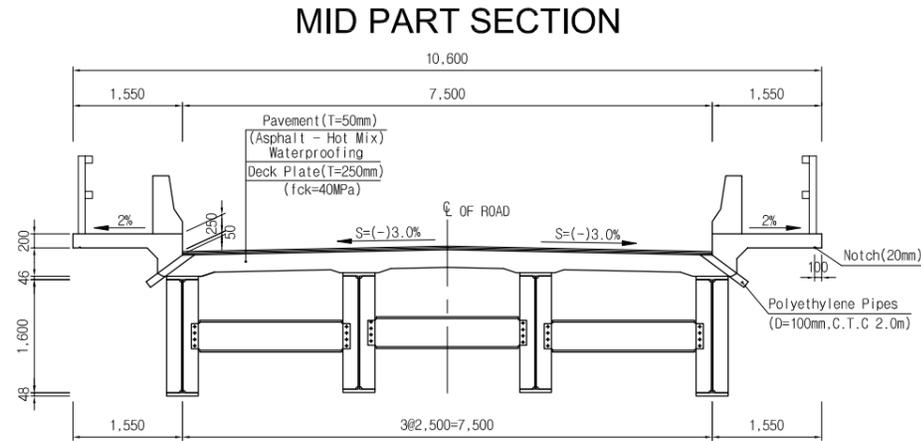
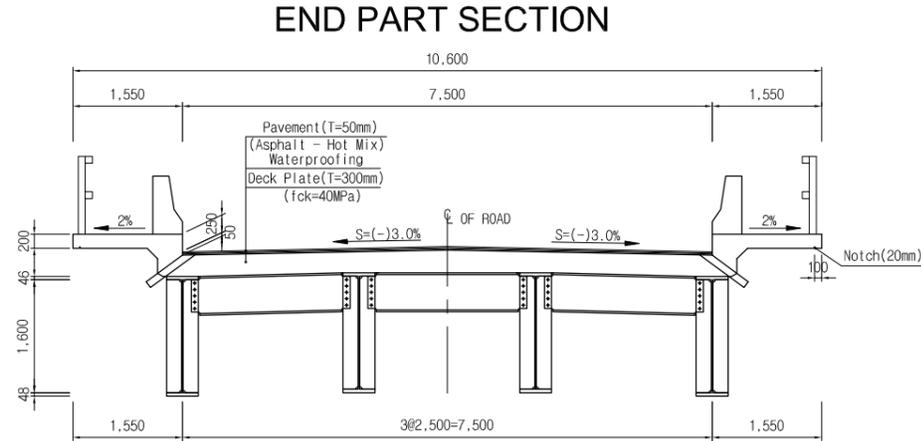


VERTICAL ALIGNMENT	S=1.4100%					
ELEVATION DESIGN LEVEL	1650.03	1650.31	1650.50	1650.59	1650.87	1651.04
GROUND LEVEL	1649.88	1649.87	1649.71	1644.28	1644.90	1650.58
STATION	1+20.00	1+40.00	1+54.09	1+60.00	1+80.00	1+92.19

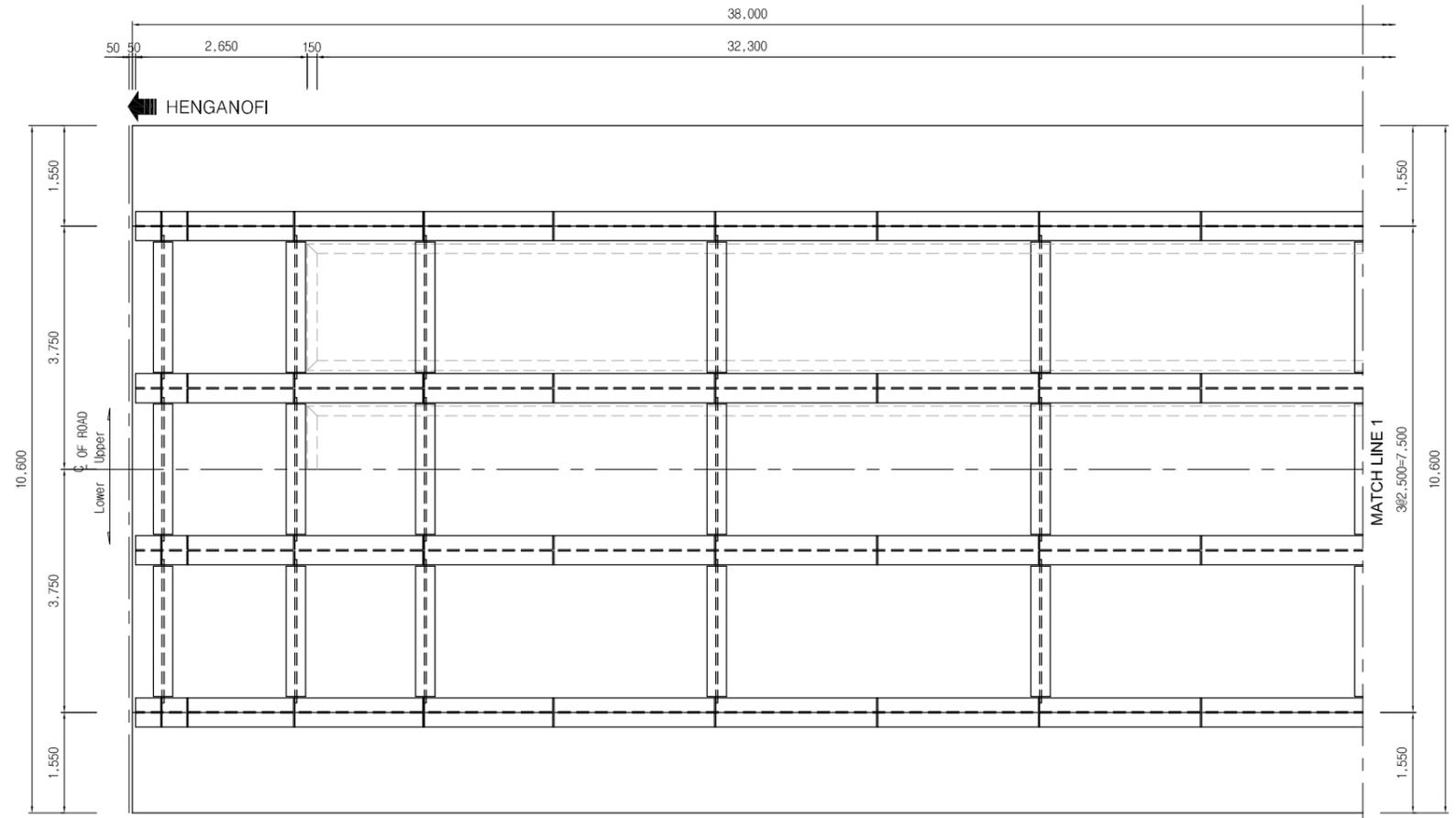
NOTE

- The design level of bridge profile standardizes the top level of the bridge pavement.
- The main materials should be approved by the supervision consultant and/or PMO/DOW before construction.
- Foundation depth including pile length should be rechecked by contractor with one or more borehole geotechnical investigation in each foundation for proper bearing force. It shall be confirmed by the supervision consultant.
- Foundation ground field condition should be checked by geotechnical engineers and the supervision consultants for satisfying a proper bearing capacity requirement with plate bearing tests.
- Contractor to construct exact bridge structure described in the drawings should establish the detailed construction plan and temporary structure design for the supervision consultant's approval.
- Bridge inspection stairs should be installed for the easy maintenance work of girder, bearing and substructure.
- Foundation scour protection and slope protection in front of abutments should be installed for keeping the foundation stability.
- Drainage outlet distance should be determined based on the hydrological review detailed including climate change as increasing intensive heavy raining for the durability extension of bridge deck and pavement.
- Bridge walkway widths at both sides are determined as 1.55m to be considered for the future utilization increase.
- The designed elevation of bearings and expansion joints should be rechecked with real applied products for accurate construction.

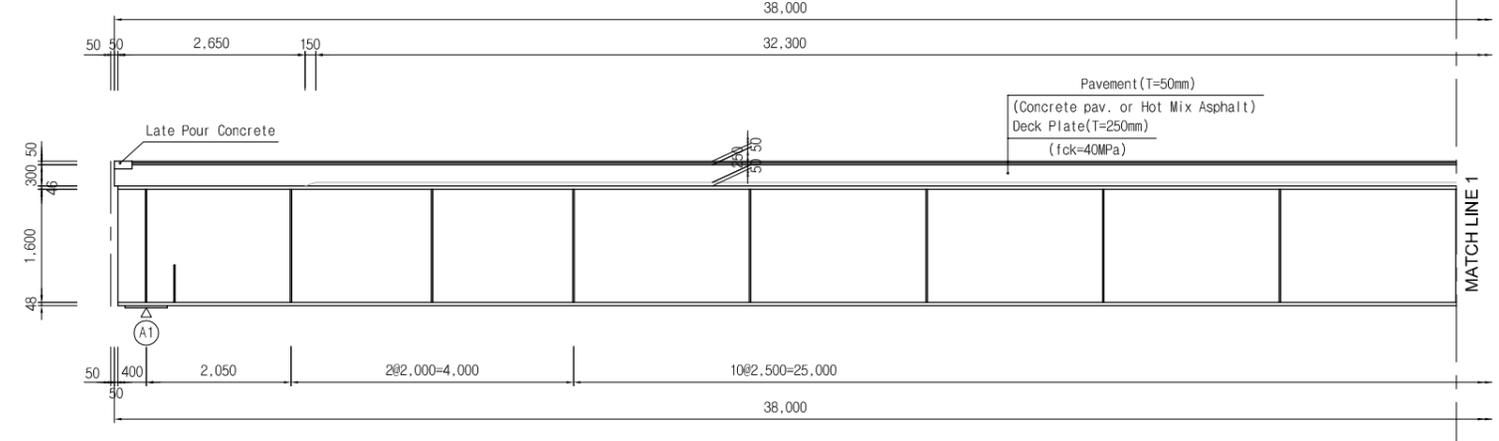
REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES AS SHOWN	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK
					VERTICAL DATUM		CHECKED Y.J. Kim			
					HORIZONTAL DATUM	PRINCIPAL 	DESIGNED I.H. Jang	APPROVED		DRAWING TITLE GENERAL ARRANGEMENT OF BRIDGE
					SURVEY BOOK Nos		CHECKED E.J. Oh	EXECUTIVE ENGINEER	SECRETARY	SHEET OF
									PROJECT No.	DRAWING No. A1/ NB177
									AUTOCAD No.	REV.



PLAN VIEW

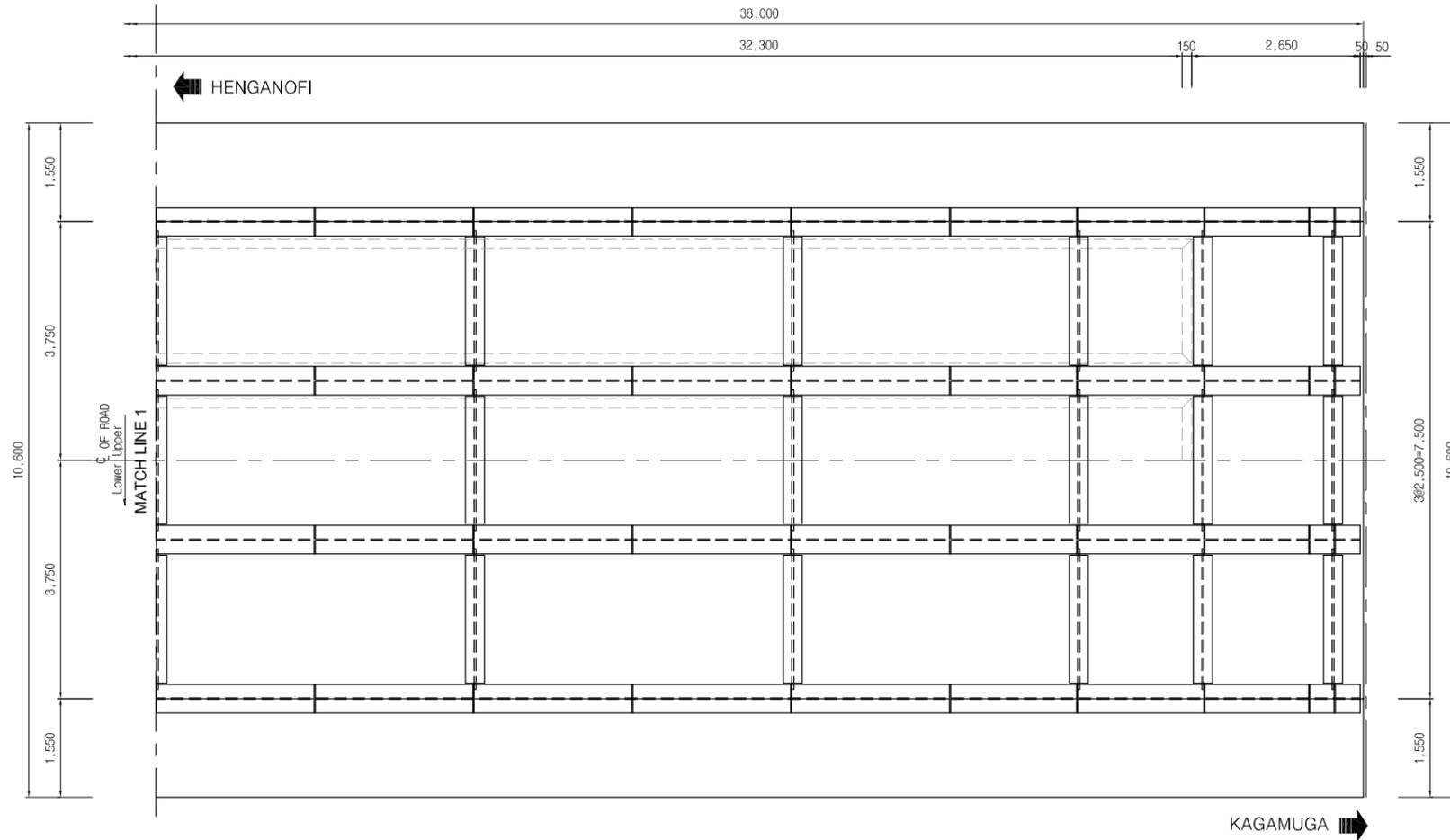


LONGITUDINAL SECTION

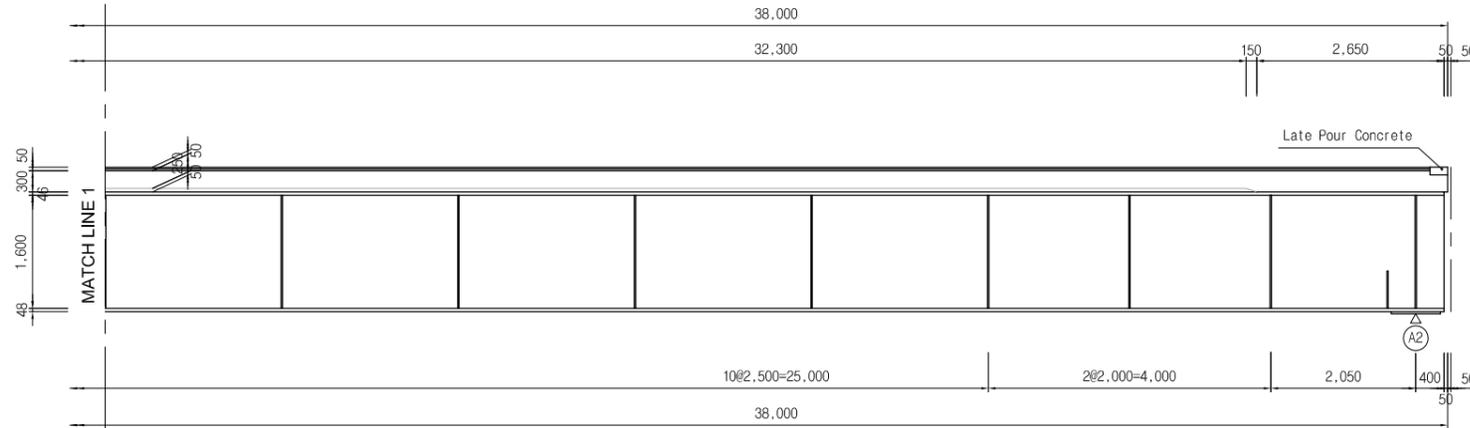


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1 : 50	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK		
					VERTICAL DATUM Date		CHECKED Y.J. Kim			PROJECT ENGINEER	PRINCIPAL ENGINEER	DRAWING TITLE SLAB-GENERAL LAYOUT(1)
					HORIZONTAL DATUM		DESIGNED I.H. Jang	APPROVED	PROJECT No.	AUTOCAD No.	DRAWING No. PAPUA NEW GUINEA DEPARTMENT OF WORKS	
				SURVEY BOOK Nos	CHECKED E.J. Oh		EXECUTIVE ENGINEER				SECRETARY	SHEET OF

PLAN VIEW

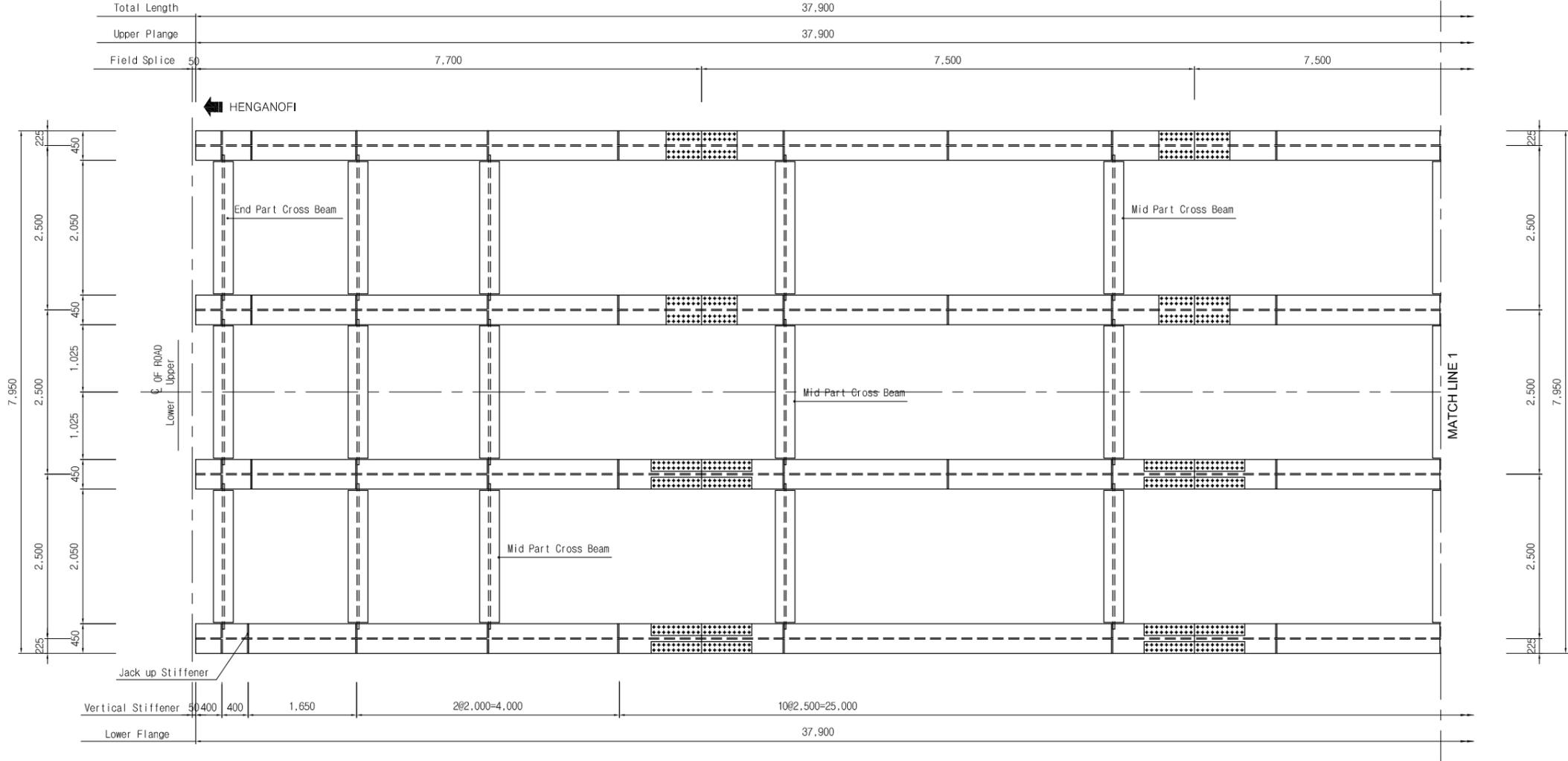


LONGITUDINAL SECTION

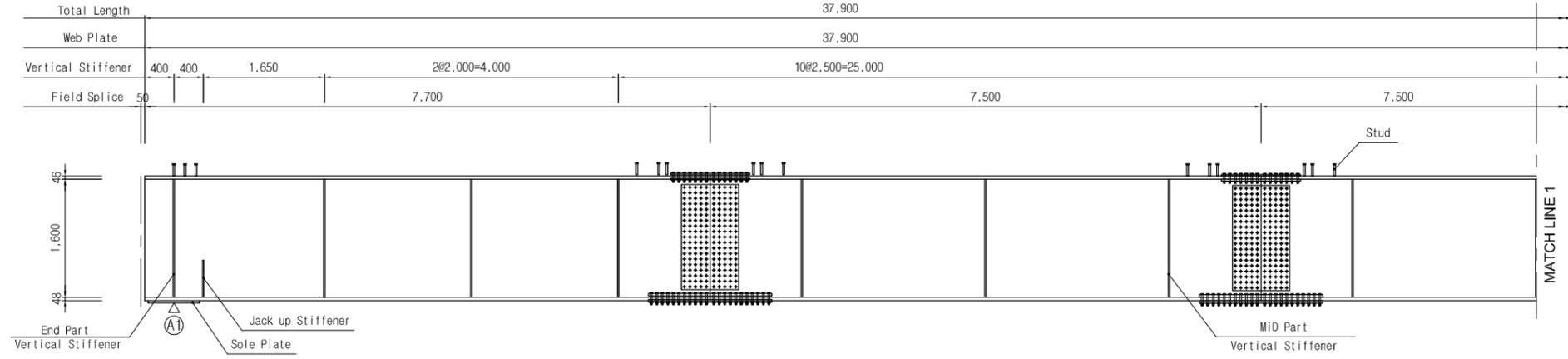


REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT PEC	DRAWN M.M. Kim	RECOMMENDED	SCALES 1 : 50	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK			
					VERTICAL DATUM Date		CHECKED Y.J. Kim	PROJECT ENGINEER		PRINCIPAL ENGINEER	DRAWING TITLE SLAB-GENERAL LAYOUT(2)		
					HORIZONTAL DATUM		DESIGNED I.H. Jang	APPROVED		SHEET OF	PROJECT No.	AUTOCAD No.	PAPUA NEW GUINEA DEPARTMENT OF WORKS
					SURVEY BOOK Nos		PRINCIPAL Date	CHECKED E.J. Oh	EXECUTIVE ENGINEER	SECRETARY			

PLAN VIEW



LONGITUDINAL SECTION



REV.	AMENDMENTS	BY	APP'D	DATE	SURVEY	CONSULTANT 	DRAWN M.M. Kim	RECOMMENDED	SCALES 1:40	PROJECT TITLE ADB LOAN 3547, 3548 AND GRANT 0538-PNG-SUSTAINABLE HIGHLANDS HIGHWAY INVESTMENT PROGRAM (SHHIP) - TRANCHE 1 - CSTB 3747 - REVISED ADDITIONAL SCOPE OF WORK					
					Date		CHECKED Y.J. Kim			PROJECT ENGINEER	APPROVED	PRINCIPAL ENGINEER	DRAWING TITLE STEEL GIRDER - GENERAL LAYOUT(1)		
					VERTICAL DATUM	Date	DESIGNED I.H. Jang	EXECUTIVE ENGINEER	SECRETARY	SHEET	OF	PROJECT No.	AUTOCAD No.	DRAWING No. A1/ NB180	REV.
					HORIZONTAL DATUM		CHECKED E.J. Oh			PAPUA NEW GUINEA DEPARTMENT OF WORKS					