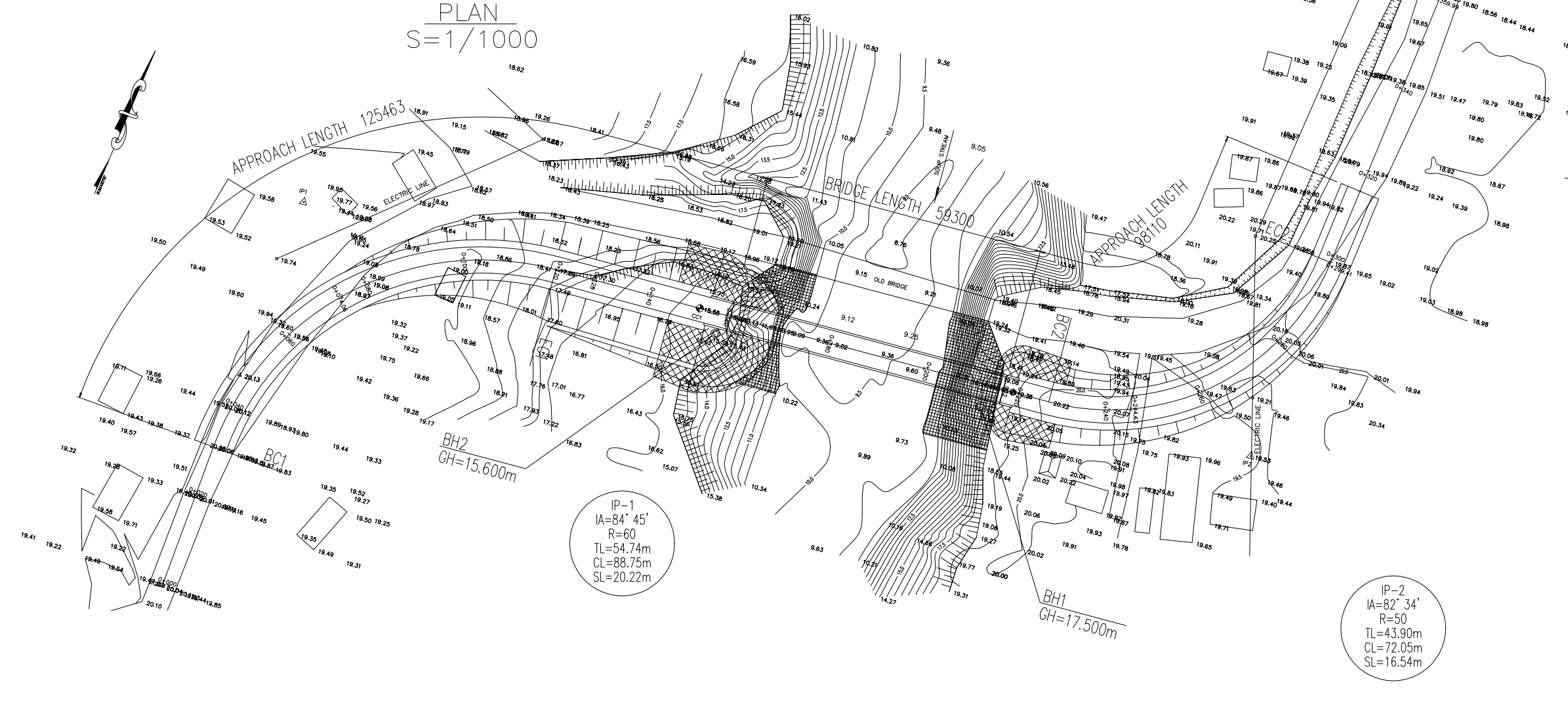


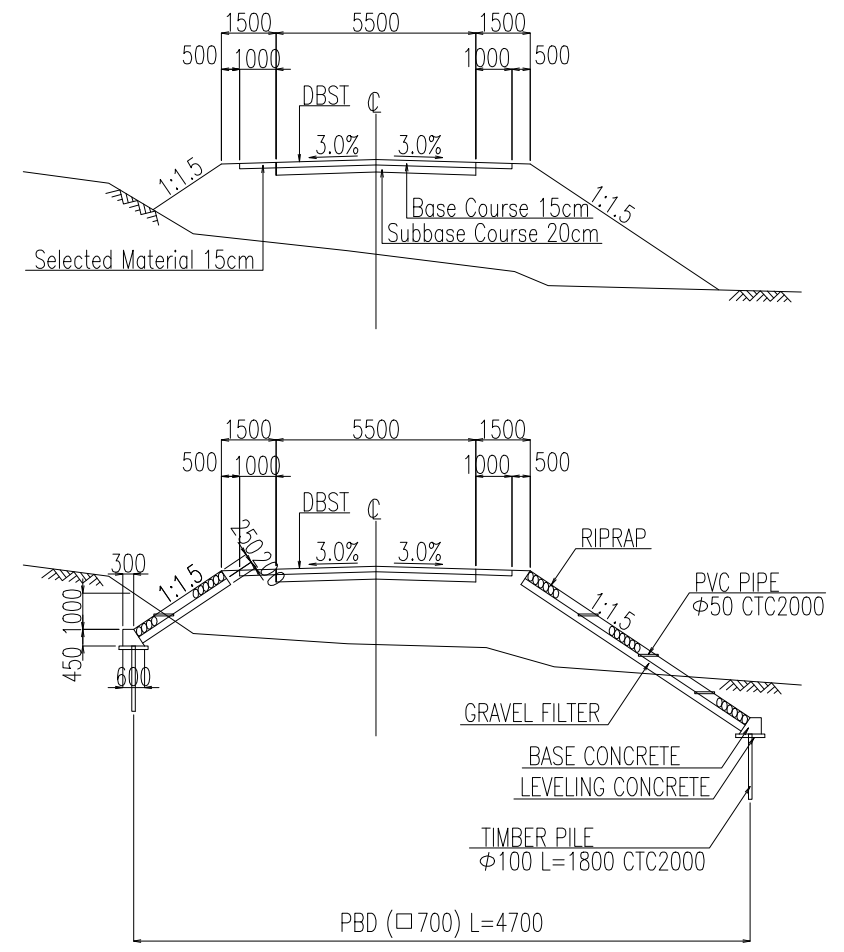
THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORTS			
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM		
CONSULTANT	CONSORTIUM OF PACIFIC CONSULTANTS INTERNATIONAL AND ORIENTAL CONSULTANTS		
NAME	DESIGNED BY	CHECKED BY	APPROVED BY
SIGNATURE	Y.FURUKAWA	H.ENDO	D.ZUNG
DATE			

BR.NO.52 EA SOUP BRIDGE
GENERAL VIEW OF THE SITE

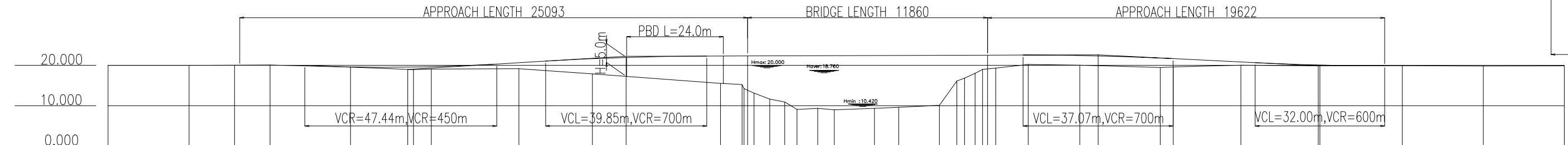
SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/200, 1/1000	C-1	1 OF 1
DRAWING TITLE	ROAD PLANNING (BR.NO.52 EA SOUP BRIDGE)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE



TYPICAL CROSS SECTION OF APPROACH ROAD
S=1/200



PROFILE
S=1/1000

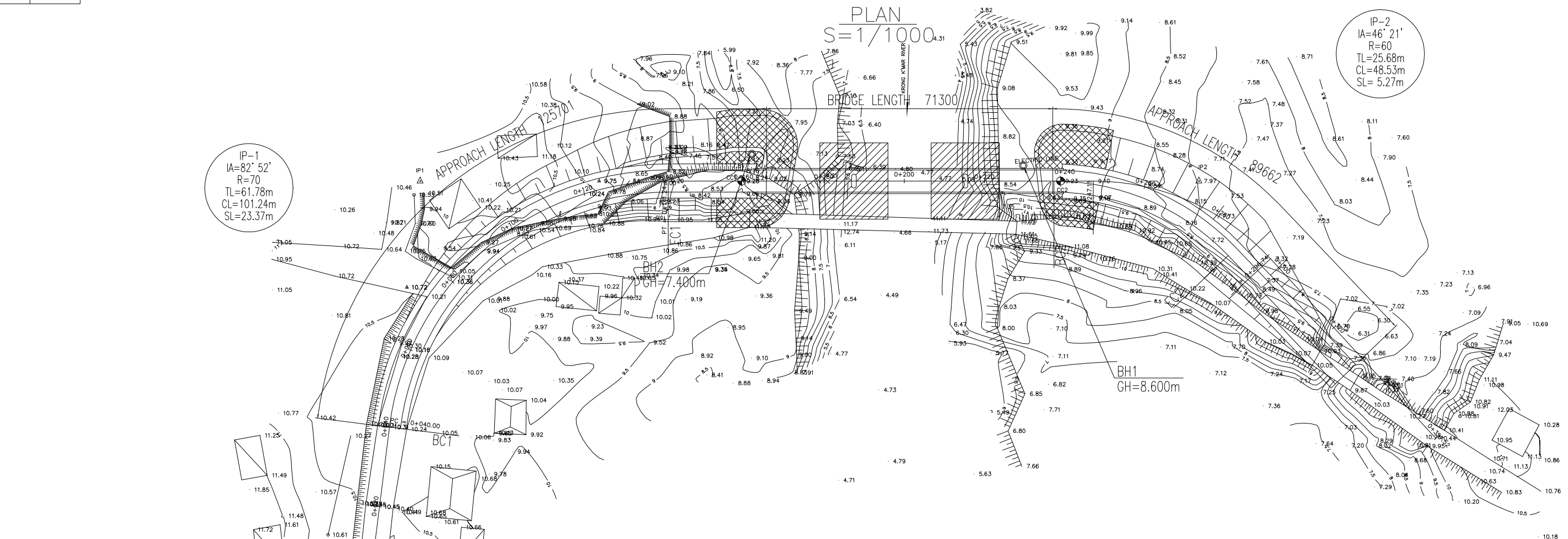


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	STATION
20.000	20.000	20.040	0+0.00
19.023	19.272	20.010	0+20.00
20.446	20.446	20.060	0+31.24
21.065	21.065	20.120	0+40.00
21.976	21.976	19.560	0+48.619
22.320	22.320	19.560	0+59.89
22.350	22.350	18.970	0+74.058
22.528	22.528	19.080	0+75.47
22.554	22.554	19.080	0+79.85
22.364	22.364	19.170	0+101.52
21.684	21.684	17.890	0+119.68
20.671	20.671	17.890	0+128.000
20.083	20.083	15.550	0+151.33
19.925	19.925	15.270	0+156.65
		14.230	0+166.00
		13.130	0+178.00
		11.950	0+184.61
		10.950	0+191.49
		9.360	0+197.21
		9.360	0+175.36
		9.020	0+179.44
		9.360	0+189.37
		9.600	0+195.35
		10.100	0+205.42
		16.140	0+209.72
		16.850	0+211.61
		18.050	0+214.20
		18.990	0+216.05
		19.360	0+217.300
		20.220	0+219.35
		20.070	0+227.33
		20.070	0+240.10
		19.470	0+244.633
		19.630	0+259.97
		20.050	0+263.19
		19.870	0+279.90
		19.870	0+299.03
		19.940	0+299.408
		19.940	0+315.410
		19.850	0+319.79
		19.850	0+339.79
		19.880	0+359.79

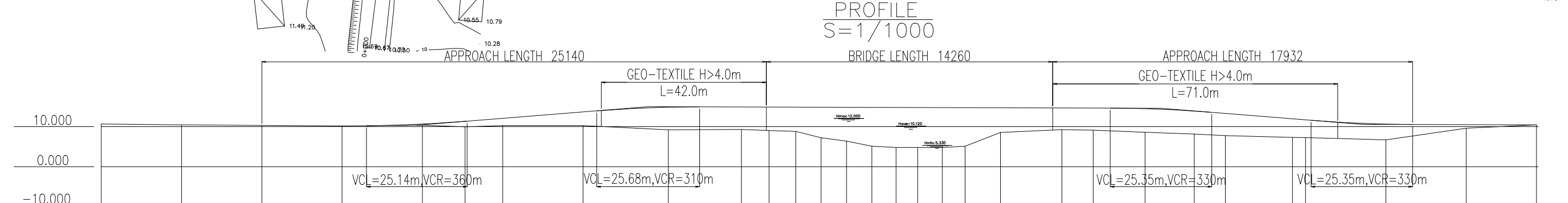
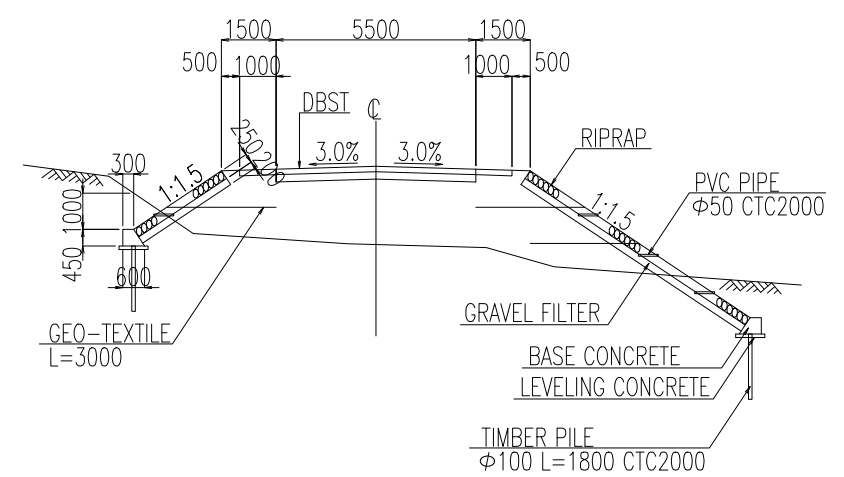
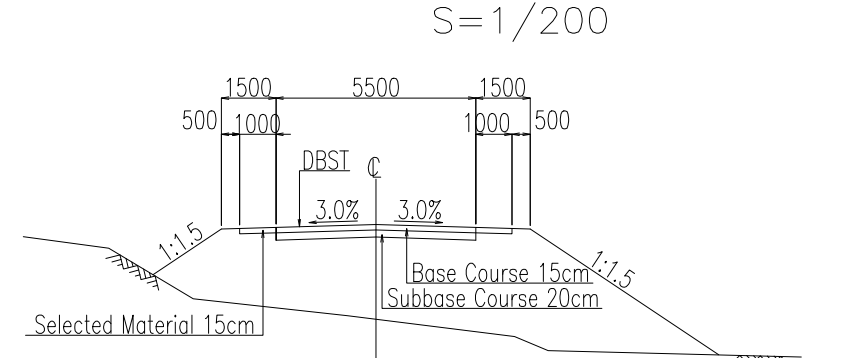
THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORTS			
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM		
CONSULTANT	CONSORTIUM OF PACIFIC CONSULTANTS INTERNATIONAL AND ORIENTAL CONSULTANTS		
DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDO	DZUNG
SIGNATURE			
DATE			

BR.NO.56 K'ONG K'MAR BRIDGE
GENERAL VIEW OF THE SITE

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/200, 1/1000	C-1	1 OF 1
DRAWING TITLE	ROAD PLANNING (BR.NO.56 K'ONG K'MAR BRIDGE)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE



TYPICAL CROSS SECTION OF APPROACH ROAD
S=1/200



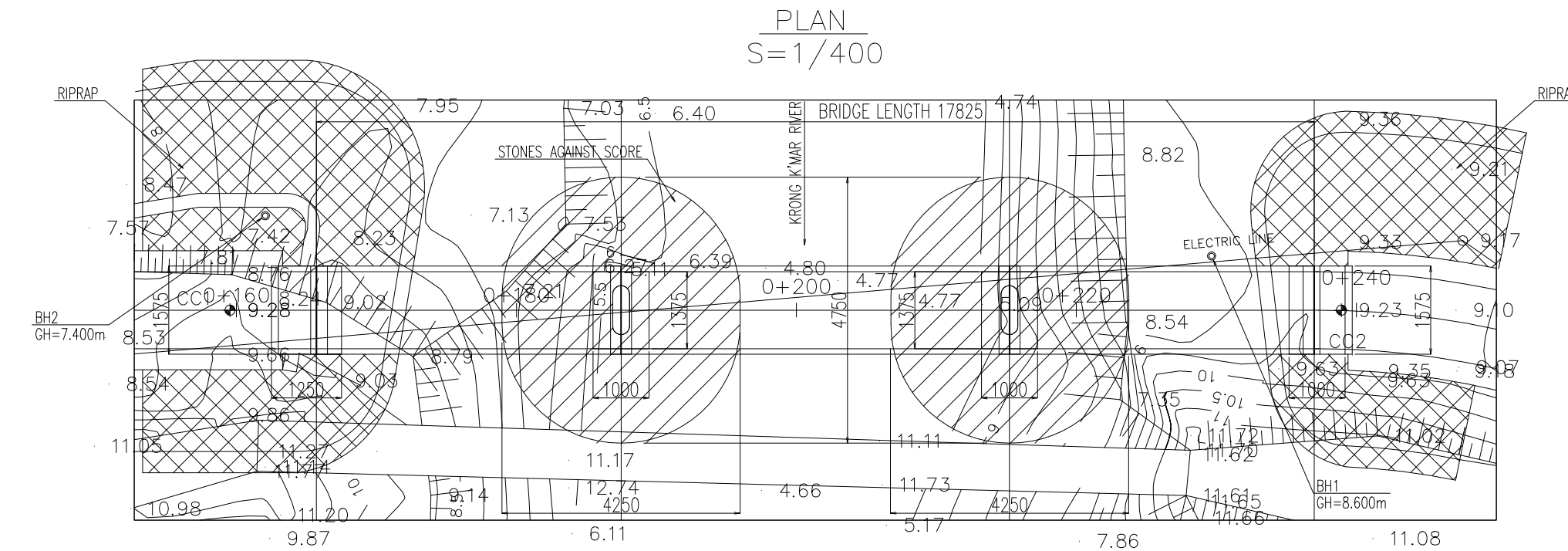
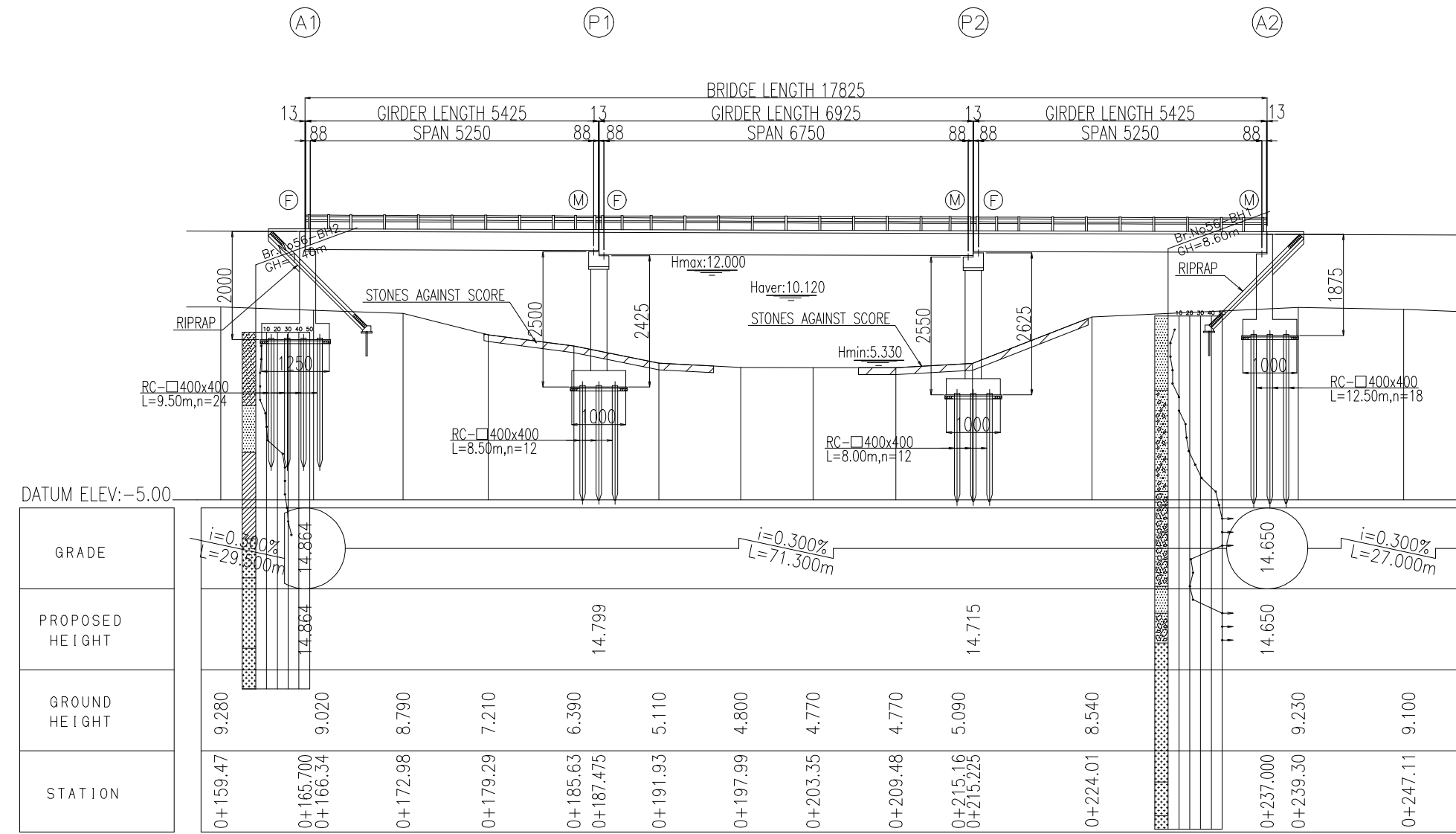
GRADE		10.220	10.346	$i=8.000\%$ $L=57.579m$	14.953	$i=0.300\%$ $L=29.500m$	14.864	$i=0.300\%$ $L=71.300m$	14.650	$i=0.300\%$ $L=27.000m$	14.569	$i=8.000\%$ $L=49.979m$	10.571	$i=0.300\%$ $L=43.981m$	10.440																							
PROPOSED HEIGHT		10.220	10.580		14.687		14.864		14.650		14.325		10.815		10.440																							
GROUND HEIGHT	10.670	10.450	10.310	10.160	10.360	9.940	10.270	10.240	9.200	9.280	9.020	8.790	7.210	6.390	5.110	4.800	4.770	4.770	5.090	8.540	9.230	9.100	8.590	8.150	7.730	7.320	7.280	6.700	6.610	10.440								
STATION	0+0.00	0+20.00	0+40.00	0+60.00	0+66.047	0+78.621	0+80.00	0+90.63	0+100.00	0+120.00	0+136.200	0+141.24	0+159.47	0+166.700	0+166.34	0+172.98	0+179.29	0+185.63	0+191.93	0+197.99	0+203.35	0+209.48	0+215.16	0+224.01	0+237.000	0+239.30	0+247.11	0+260.00	0+264.000	0+272.25	0+280.00	0+286.74	0+300.00	0+313.979	0+320.00	0+340.00	0+357.52	0+357.960

THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO. 10, MINISTRY OF TRANSPORTS			
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE GENERAL AREA OF VIETNAM		
CONSULTANT	CONSORTIUM OF PACIFIC CONSULTANTS INTERNATIONAL AND ORIENTAL CONSULTANTS		
DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAMA	HELENDI	DIJUNG
SIGNATURE			
DATE			

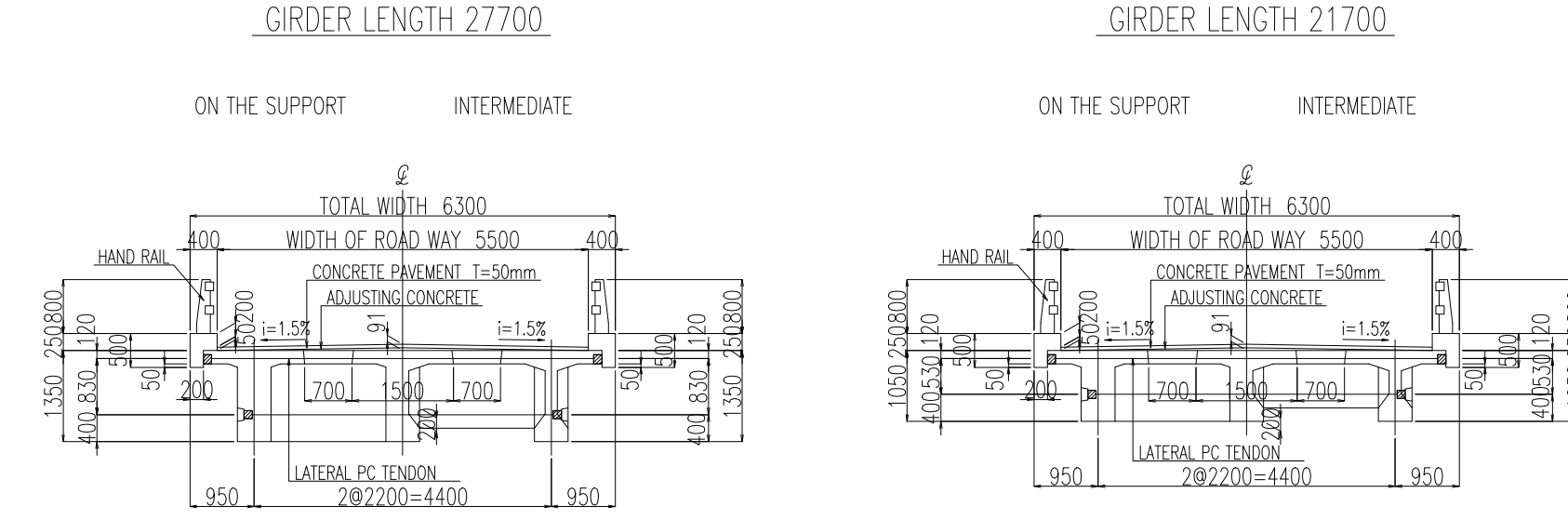
PROFILE
S=1/400

BR.NO.56 K'ONG K'MAR BRIDGE
GENERAL VIEW OF THE BRIDGE

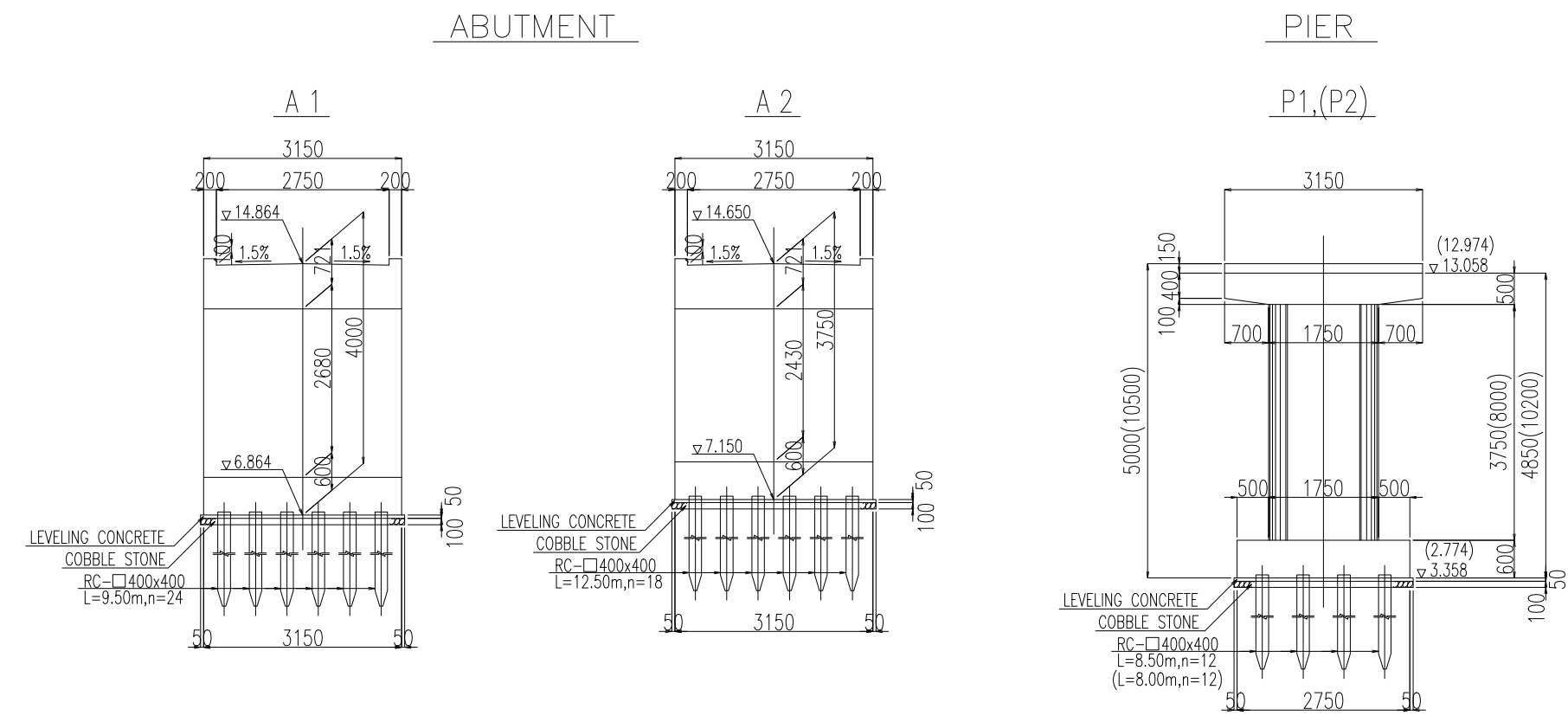
SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100, 1/200, 1/400	C-3	1 OF 1
DRAWING TITLE	BRIDGE STRUCTURE (BR.NO.56 K'ONG K'MAR BRIDGE)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE



CROSS SECTION
S=1/100



FRONT VIEW
S=1/200



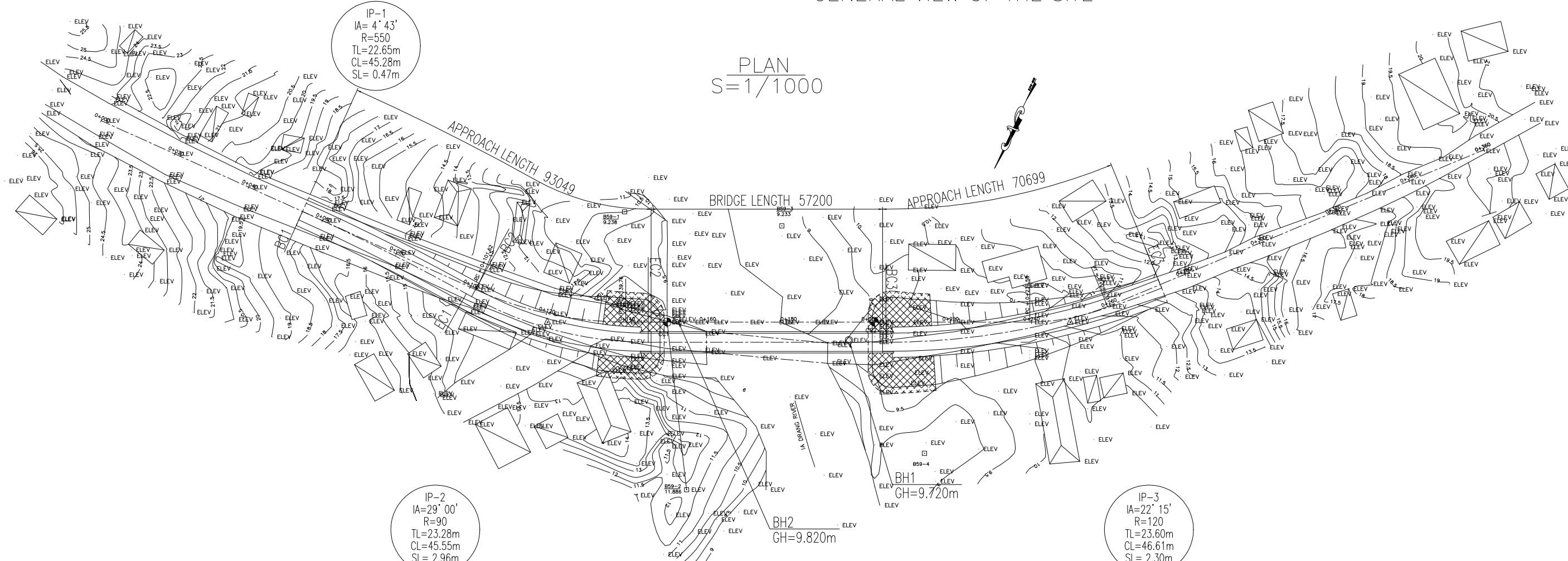
DESIGN CRITERIA

General Condition	
Design Live Load	H13,X60
Design Speed	V=25km/h
Bridge Length(Span Length)	71.30m(21.00m+27.00m+21.00m)
Freeboard	1.0m
Longitudinal Gradient	0.30 %
Cross-fall of Carriage way	1.50 %
Super Structure Type	Prestressed Concrete
Sub Structure Type	Abutment Reinforced Concrete
	Pier Reinforced Concrete
Foundation Type	Abutment A1:Rc Pile Ø400x400
	A2:Rc Pile Ø400x400
	Pier P1:Rc Pile Ø400x400 P2:Rc Pile Ø400x400
Material Strength	
Super Structure Type	Girder σ 28=35N/mm ²
	Cross Beam σ 28=30N/mm ²
Surface	Slab σ 28=30N/mm ²
	Curb,Handrail σ 28=21N/mm ²
Sub Structure Type	σ 28=21N/mm ²
Reinforcing Steel	SD295(py=295N/mm ²)

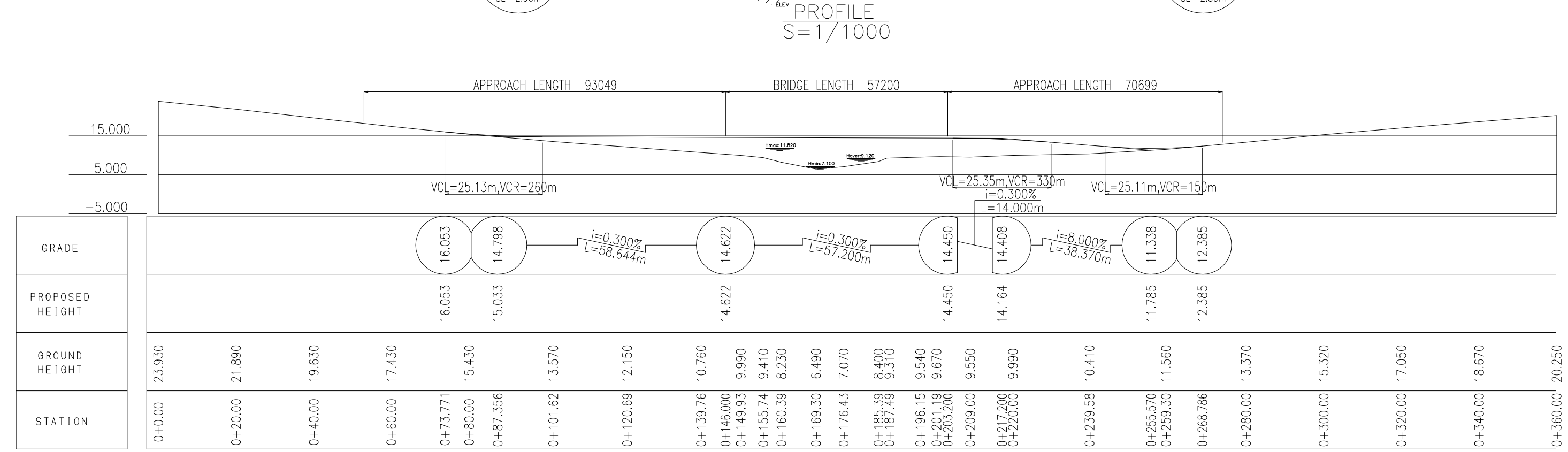
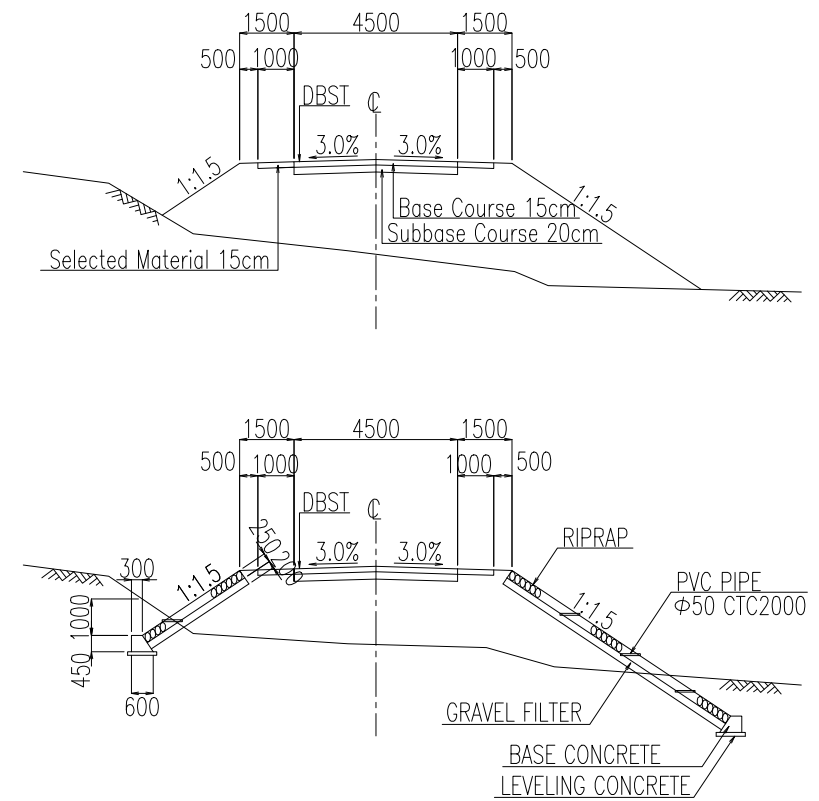
THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORTS			
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM		
CONSULTANT	CONSORTIUM OF PACIFIC CONSULTANTS INTERNATIONAL AND ORIENTAL CONSULTANTS		
DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.ENDO	D.ZUNG
SIGNATURE			
DATE			

BR.NO.59 IA DRANG BRIDGE
GENERAL VIEW OF THE SITE

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/200, 1/1000	C-1	1 OF 1
DRAWING TITLE	ROAD PLANNING (BR.NO.59 IA DRANG BRIDGE)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE



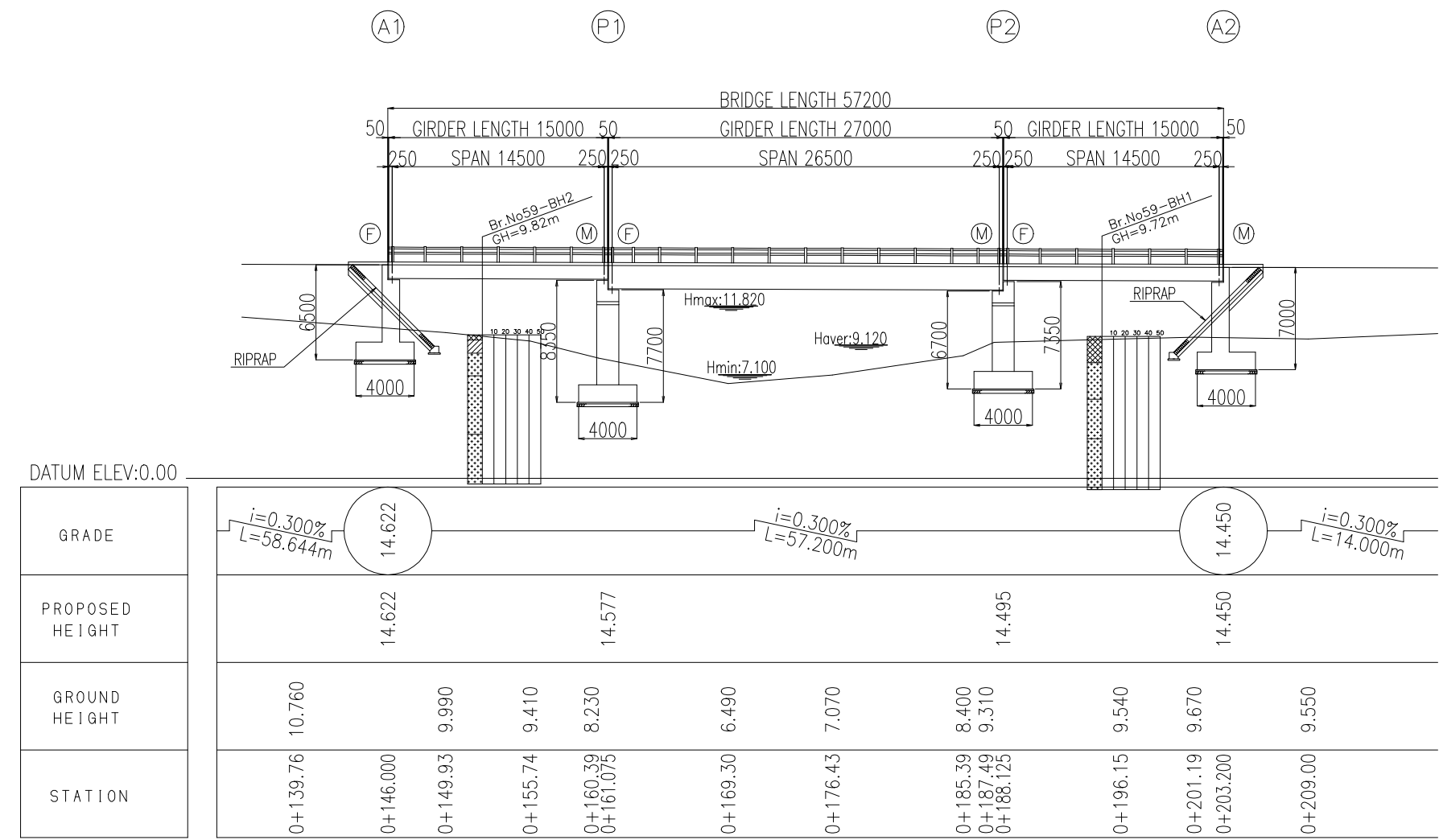
TYPICAL CROSS SECTION OF APPROACH ROAD
S=1/200



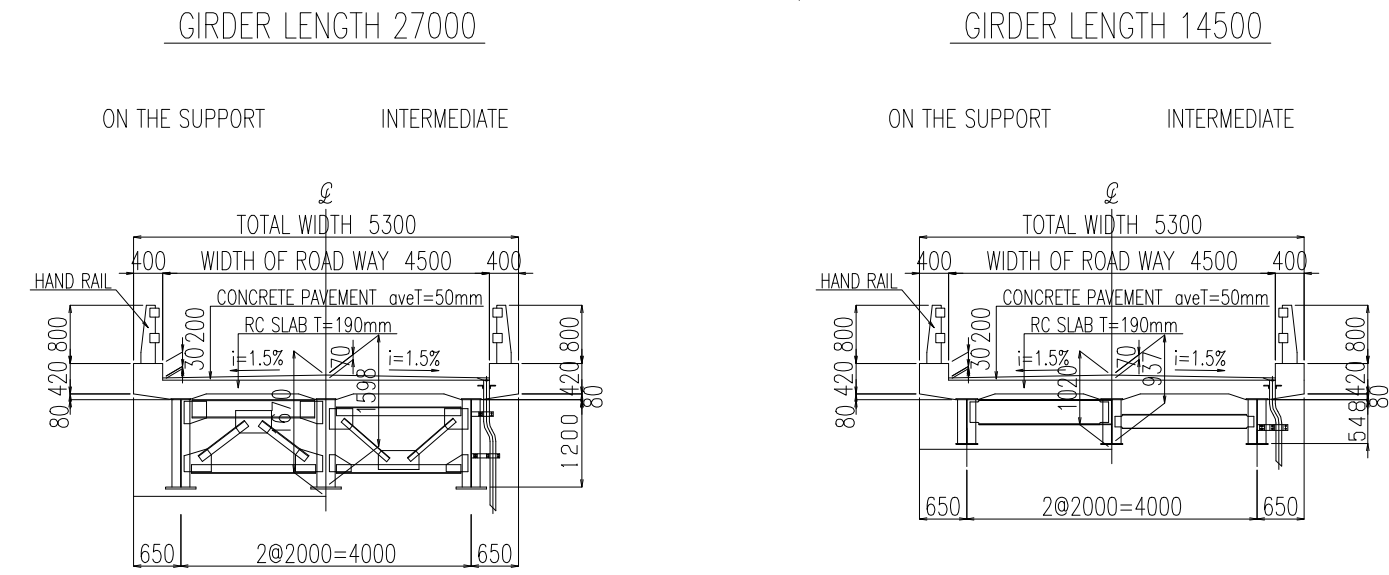
THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.10, MINISTRY OF TRANSPORTS			
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE GENERAL AREA OF VIETNAM		
CONSULTANT	CONSORTIUM OF PACIFIC CONSULTANTS INTERNATIONAL AND ORIENTAL CONSULTANTS		
DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	HELENDI	DIJANG
SIGNATURE			
DATE			

PROFILE
S=1/400

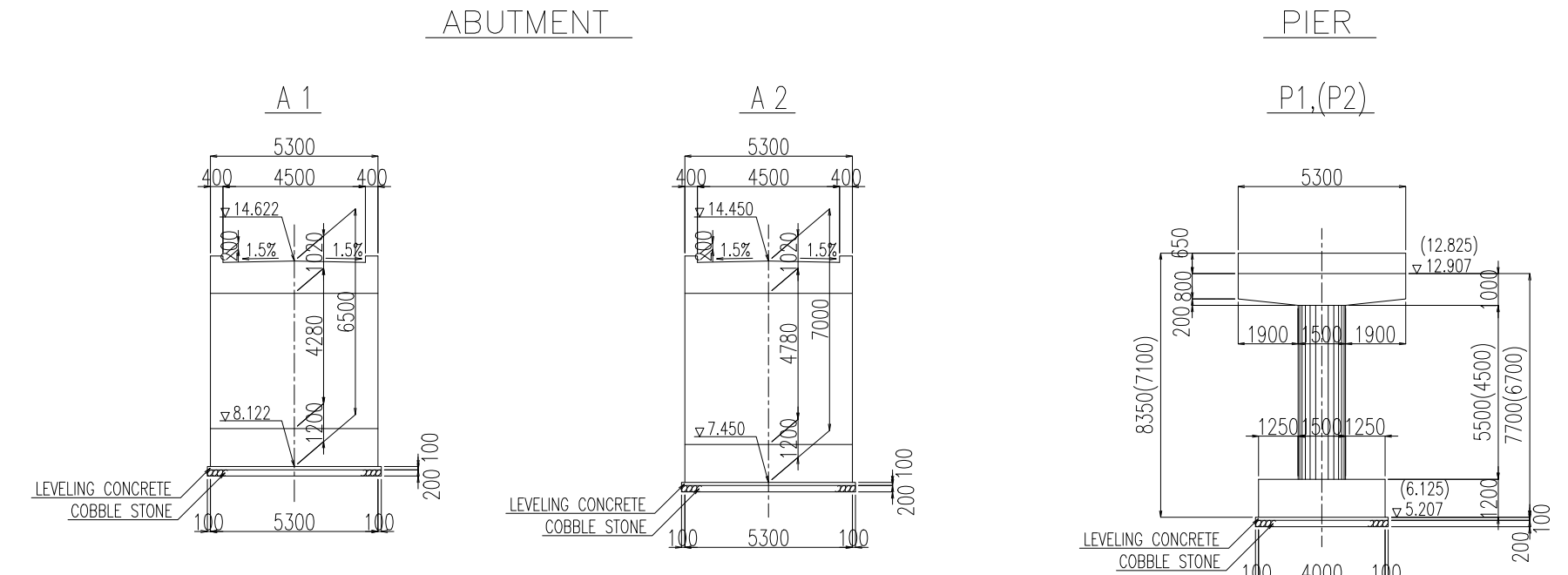
BR.NO.59 IA DRANG BRIDGE
GENERAL VIEW OF THE BRIDGE



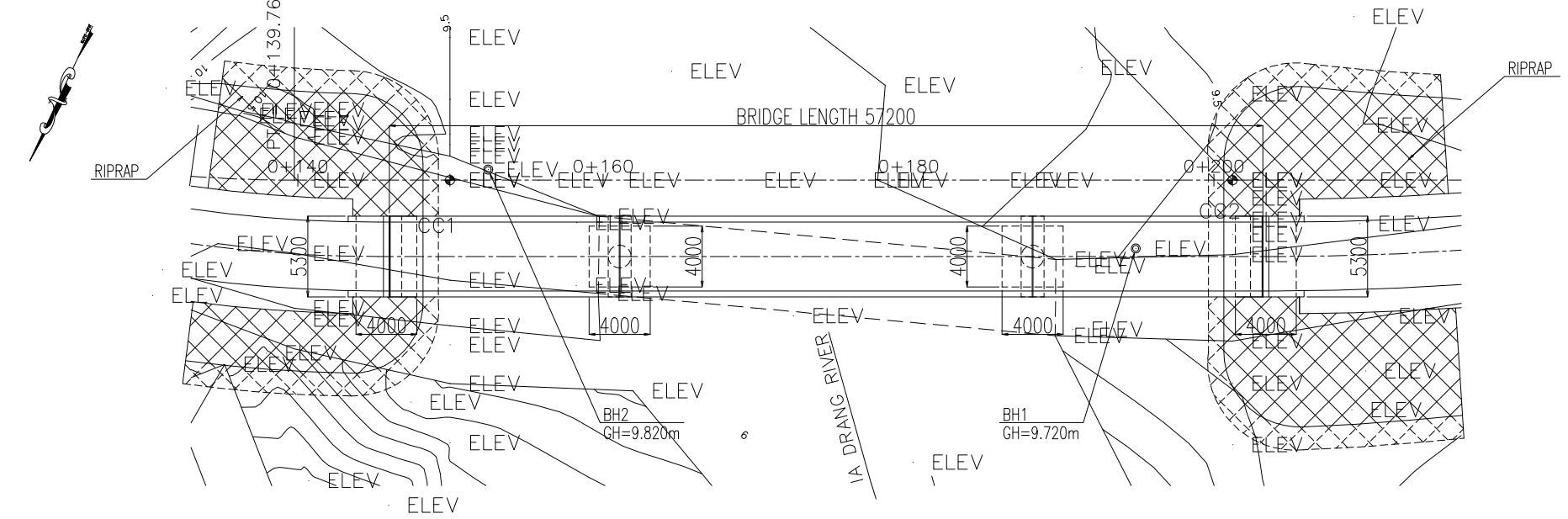
CROSS SECTION
S=1/100



FRONT VIEW
S=1/200



PLAN
S=1/400



DESIGN CRITERIA

General Condition	
Design Live Load	H13,X60
Design Speed	V=25km/h
Bridge Length(Span Length)	57.20m(14.50m+26.50m+14.50m)
Freeboard	1.0m
Longitudinal Gradient	0.30 %
Cross-fall of Carriage way	1.50 %
Super Structure Type	Steel bridge
Sub Structure Type	Abutment Reinforced Concrete Pier Reinforced Concrete
Foundation Type	Abutment A1:Spread foundation A2:Spread foundation Pier P1:Spread foundation P2:Spread foundation
Material Strength	
Super Structure Type	Girder SM490Y Cross Beam SM490Y
Surface	Slab $\sigma_{28}=30N/mm^2$ Curb,Handrail $\sigma_{28}=21N/mm^2$
Sub Structure Type	$\sigma_{28}=21N/mm^2$
Reinforcing Steel	SD295(py=295N/mm ²)