

基本設計図

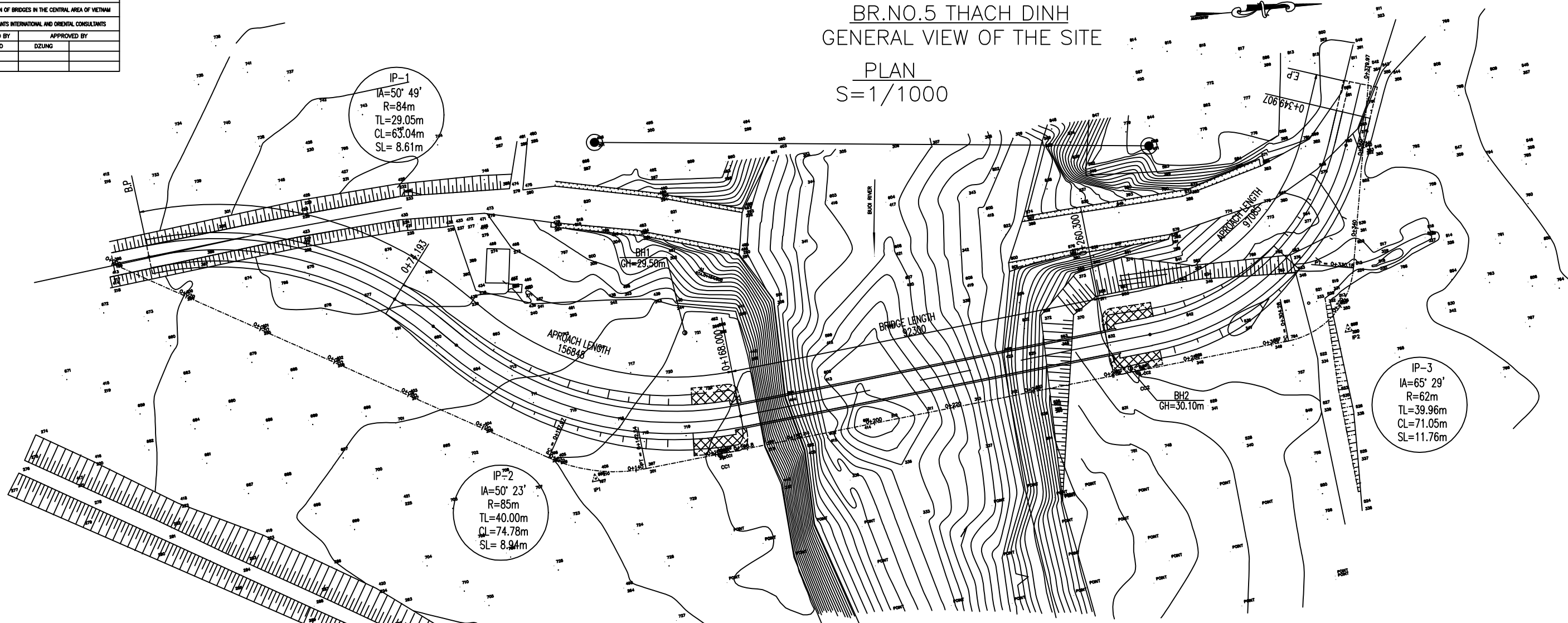
施設建設型 - 橋梁部全体図
施設建設型 - 橋梁一般図

THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.16, 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			

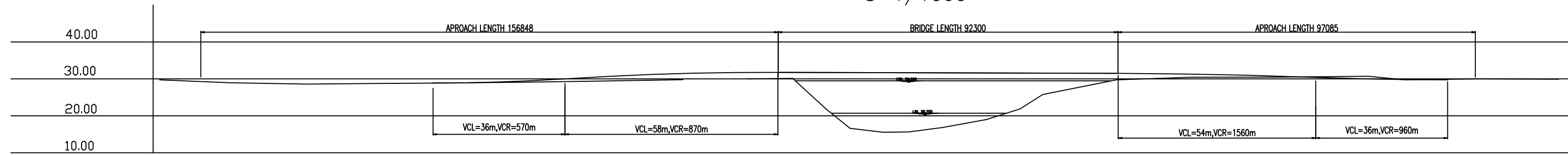
SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/200, 1/1000	B5-	1 OF 1
DRAWING TITLE	ROAD PLANNING (BR.NO.5 THACH DINH)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE

BR.NO.5 THACH DINH
GENERAL VIEW OF THE SITE

PLAN
S=1/1000



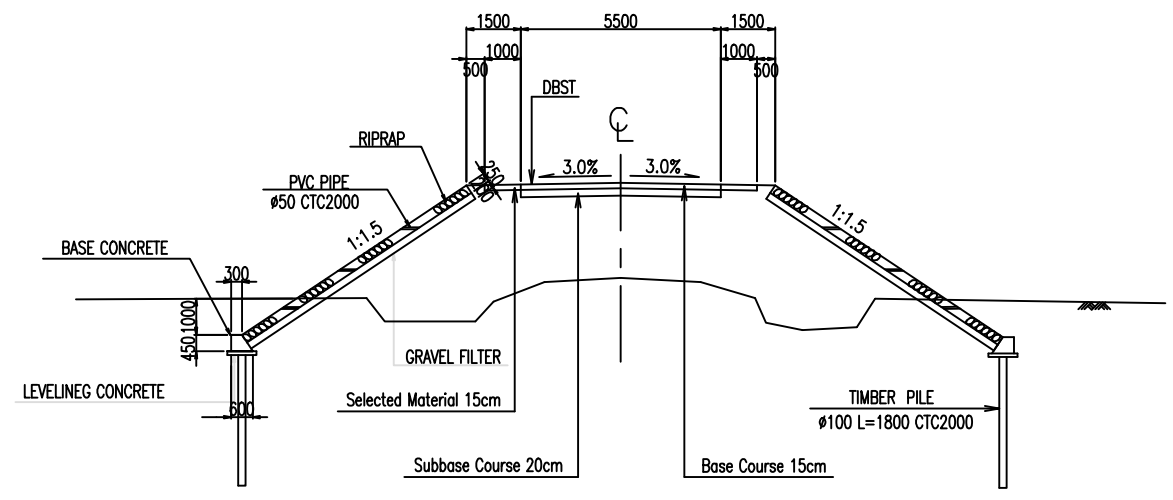
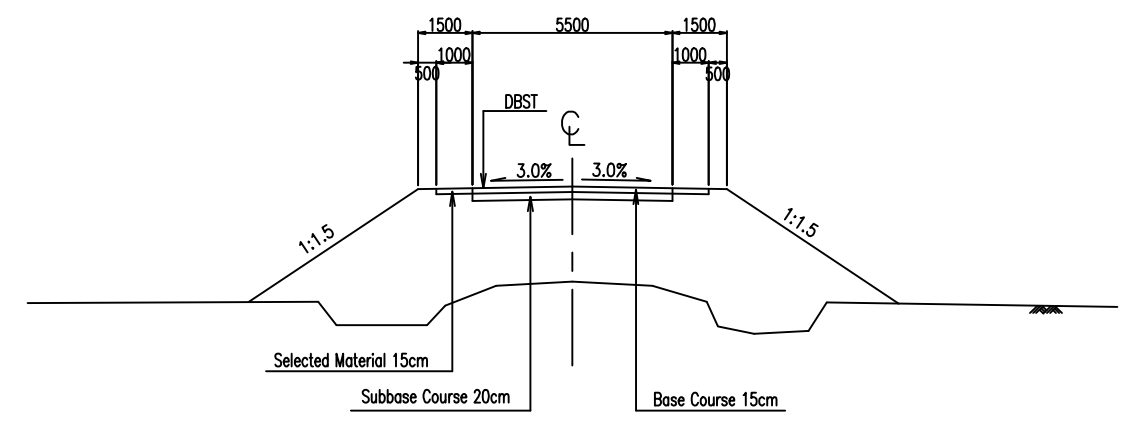
PROFILE
S=1/1000



GRADE	28.896 i=0.000% L=46.829m		28.896 i=6.000% L=46.829m		31.864		i=0.300% L=148.211m		31.419		i=4.000% L=44.732m		29.746 i=0.000% L=17.971m		29.746																	
PROPOSED HEIGHT	28.896	29.180	31.384	31.777	31.500	31.188	29.913	29.746	29.746	30.031	30.133	21.860	16.645	15.549	15.670	16.850																
GROUND HEIGHT	29.763	28.969	28.616	28.765	28.896	29.138	29.395	29.812	30.031	30.133	21.860	16.645	15.549	15.670	16.850	19.010																
STATION	-0+0.00	-0+19.39	-0+40.09	-0+59.99	+074.193	+0+80.00	+092.164	+0+100.02	+0+117.97	+138.993	+0+142.54	+0+159.64	+168.006	+0+171.94	+0+181.04	+0+187.55	+0+196.46	+0+203.46	+0+212.64	+0+224.54	+0+233.67	+0+239.86	0+259.89	+260.300	-0+280.07	+287.204	-0+304.26	-0+330.16	+331.936	-0+338.26	+349.907	-0+358.11

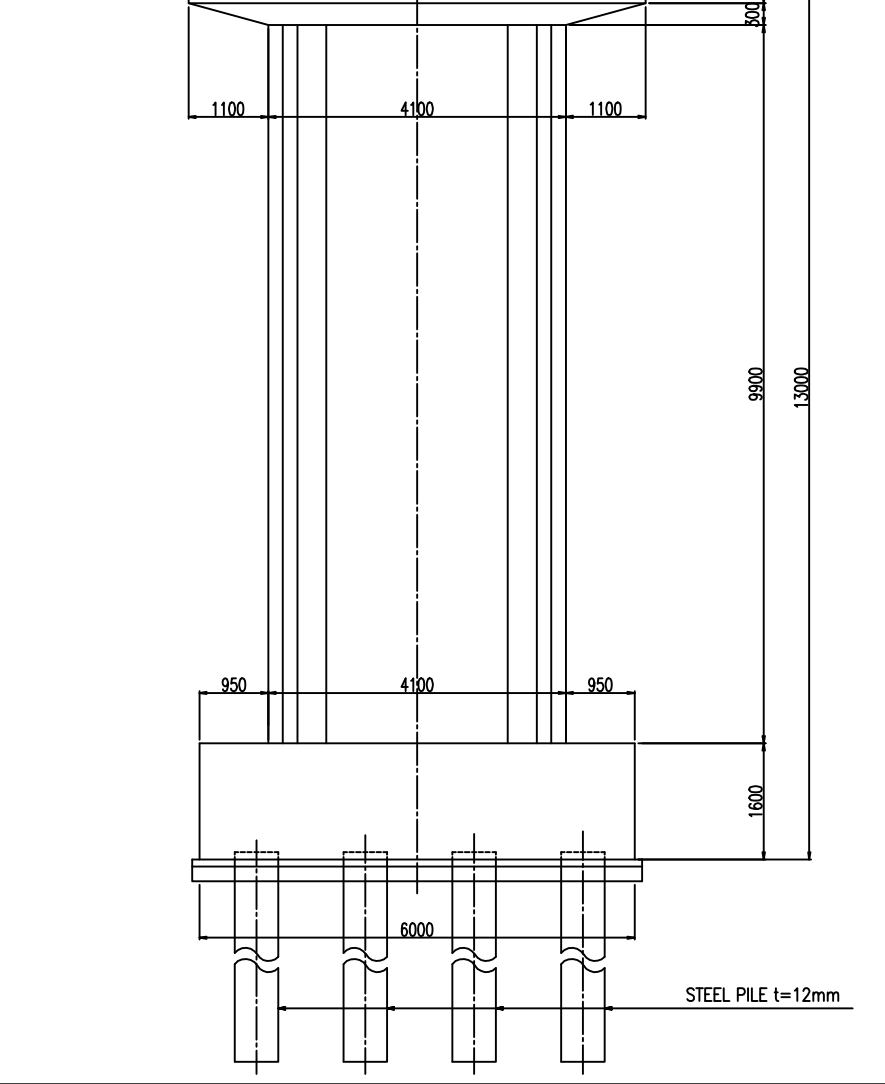
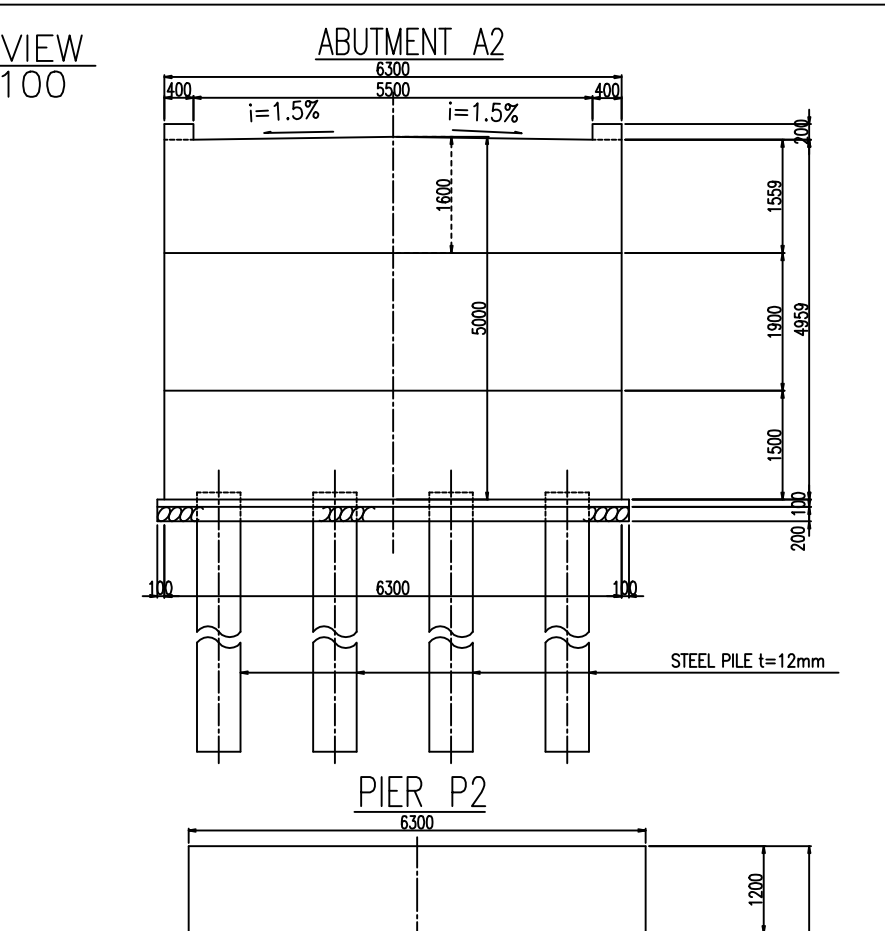
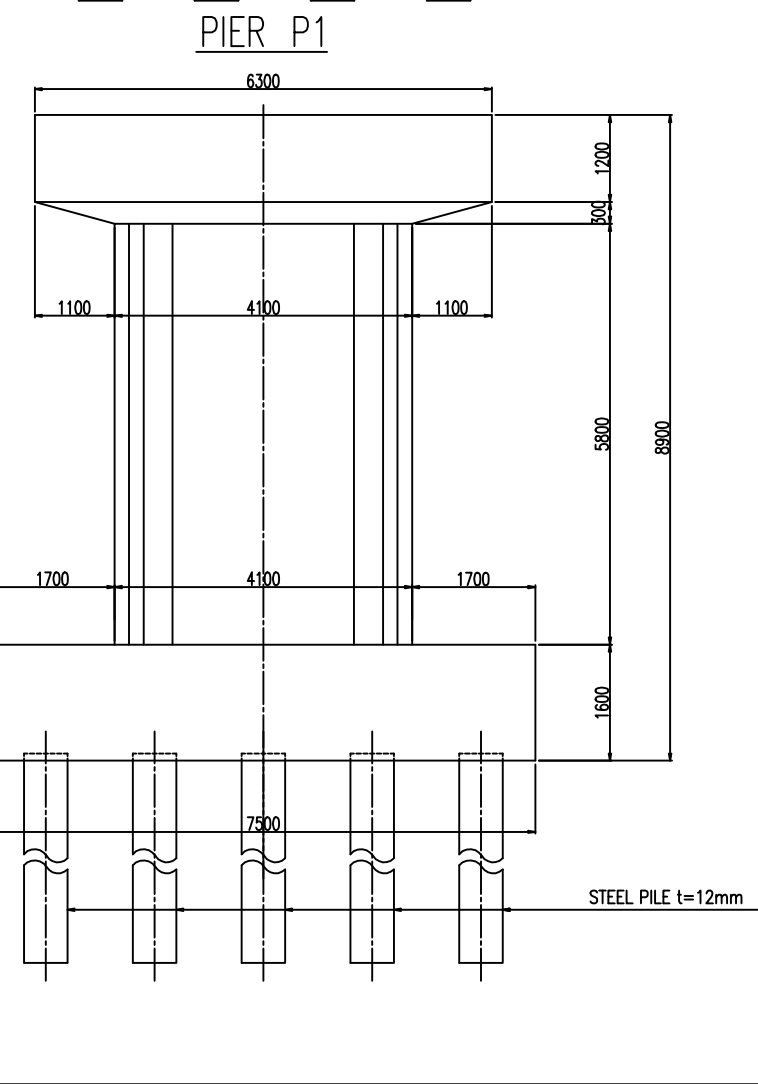
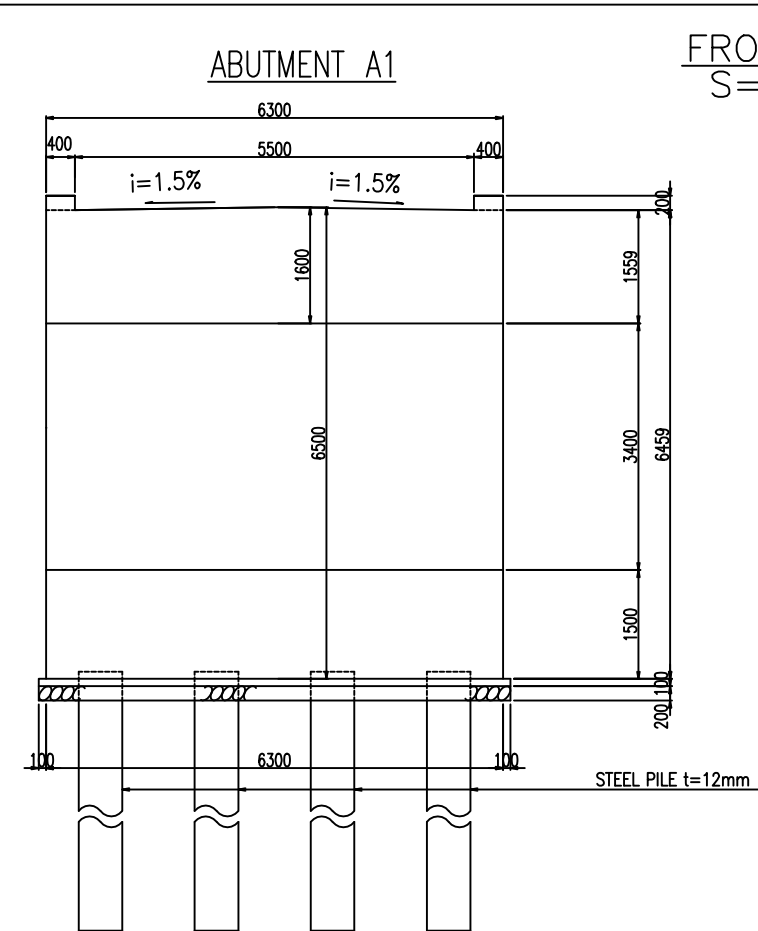
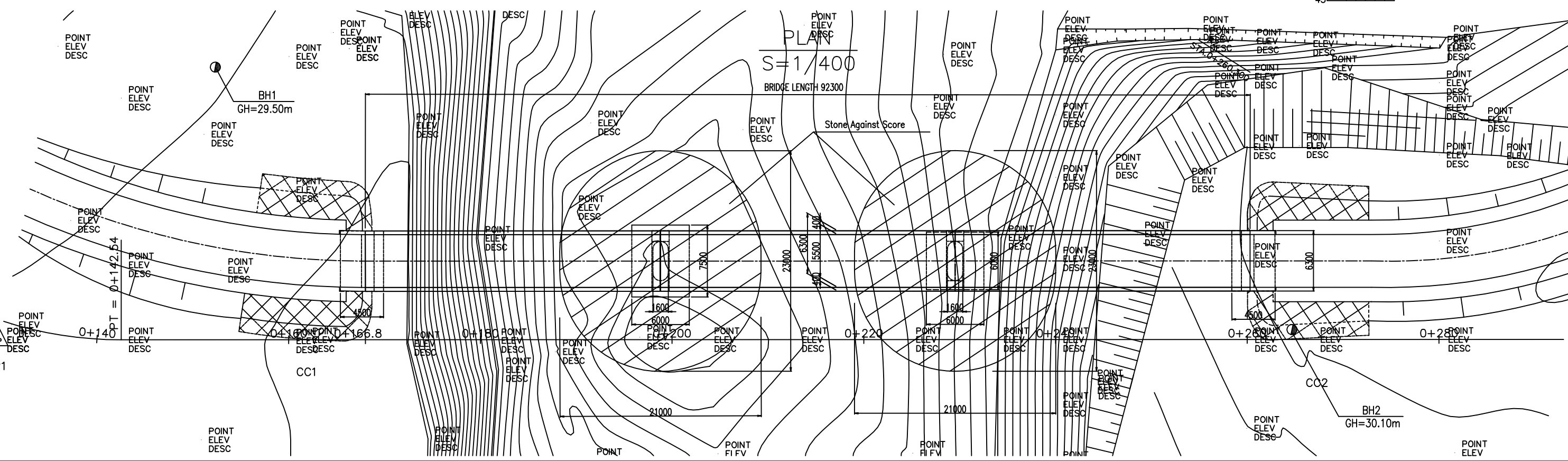
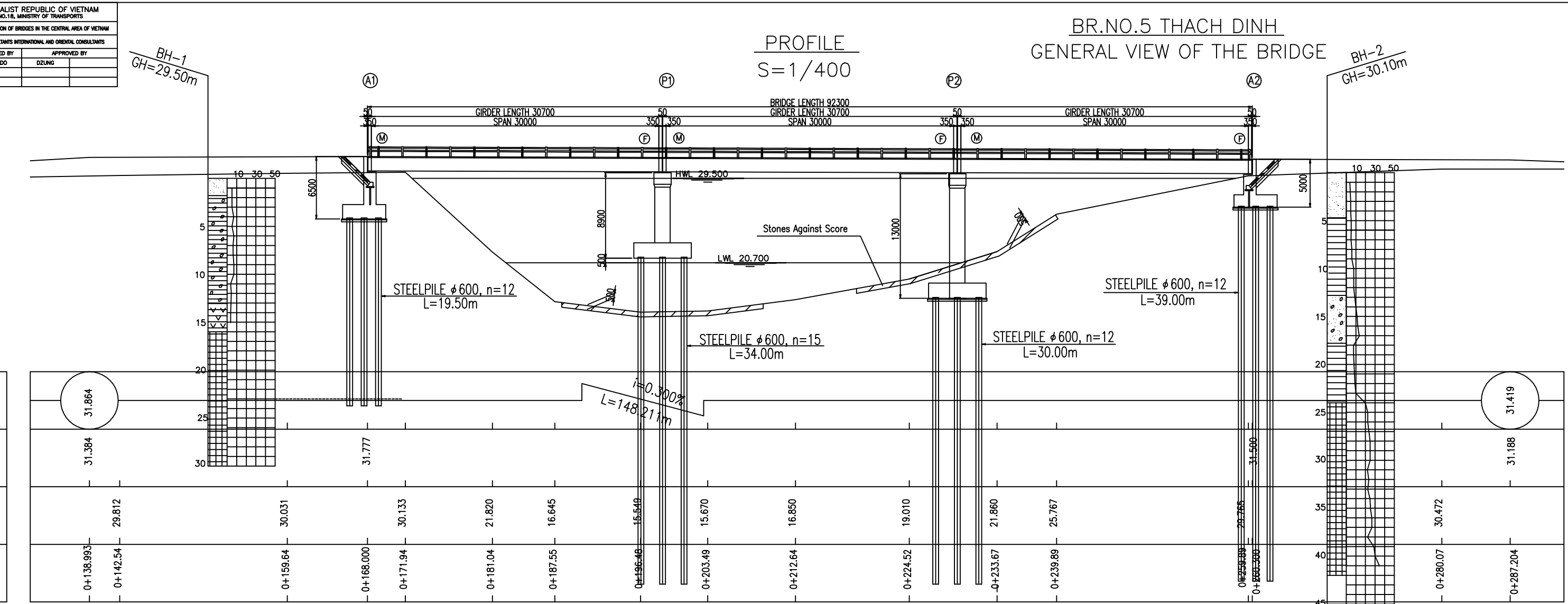
TYPICAL CROSS SECTION OF APPROACH ROAD
S=1/200

STRAIGHT LINE

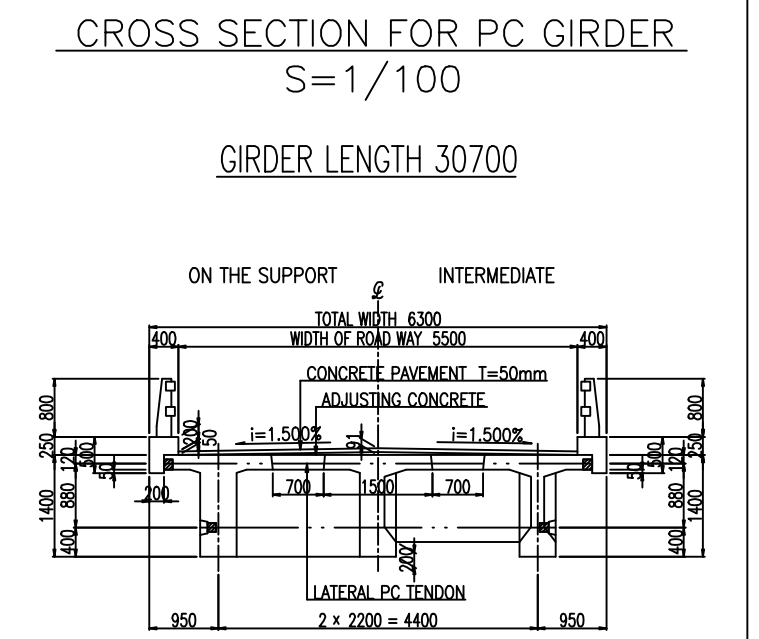


THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM				
PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORTS				
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE CENTRAL AREA OF VIETNAM			
CONSULTANT	CONSORTIUM OF FOREIGN CONSULTANTS INTERNATIONAL AND ORIGINAL CONSULTANTS			
DESIGNED BY	Y.FURUKAWA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

GRADE	31.864
PROPOSED HEIGHT	31.394
GROUND HEIGHT	29.812
STATION	0+138.993



SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100, 1/400	D-2	1 OF 1
DRAWING TITLE	BRIDGE STRUCTURE (BR.NO.5 THACH DINH)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE



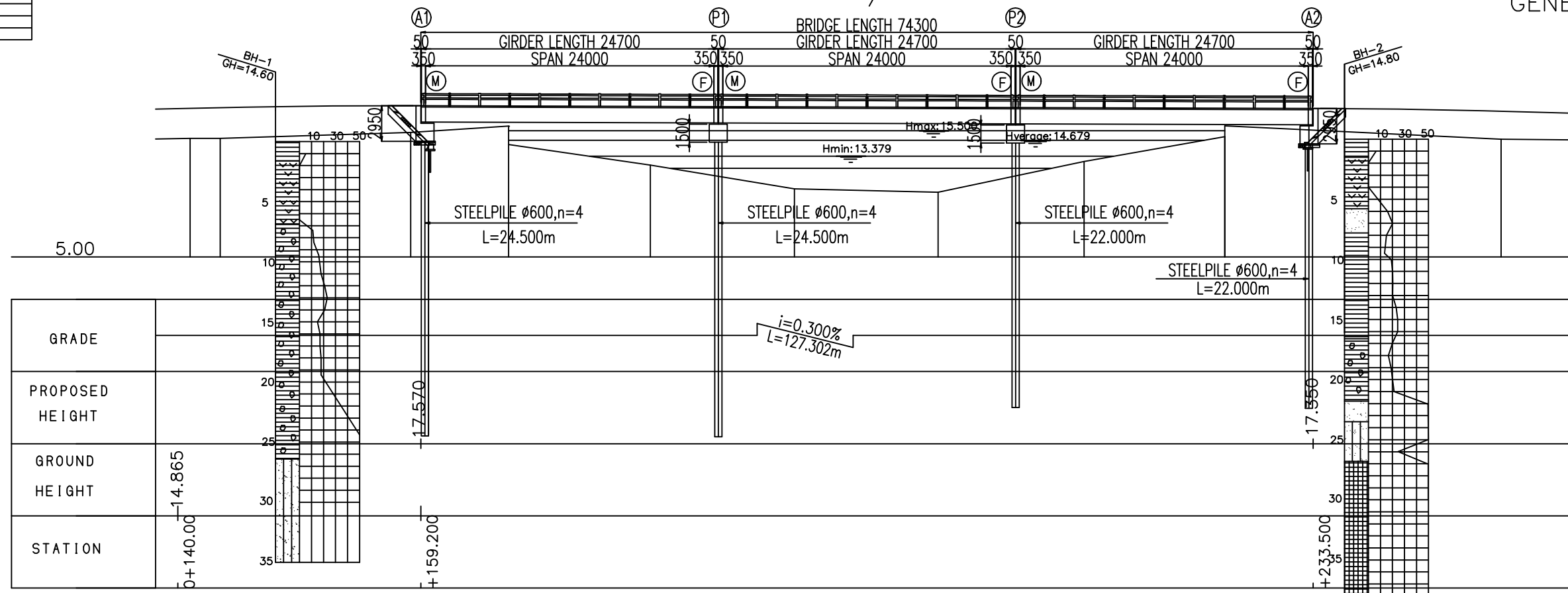
DESIGN CRITERIA

General Condition	
Design Live Load	H13.X60
Design Speed	V=40km/h
Bridge Length(Span Length)	92.30m(30.00m+30.00m+30.00m)
Free Board	0.5m
Longitudinal Gradient	0.3%
Cross-fall of Carriage way	1.50%
Super Structure Type	Prestress Concrete
Sub Structure Type	Abutment Reinforced Concrete
	Pier Reinforced Concrete
Foundation Type	Abutment Steel Pile #600
	Pier Steel Pile #600
Material Strength	
Super Structure Type	Girder σ 28=35N/mm ²
	Cross Beam σ 28=30N/mm ²
	Slab σ 28=30N/mm ²
Surface	Curb, Handrail σ 28=21N/mm ²
	Sub Structure Type σ 28=21N/mm ²
Reinforcing Steel	SD295(py=295N/mm ²)

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DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	NAME	DELANG
SIGNATURE		SIGNATURE	
DATE		DATE	

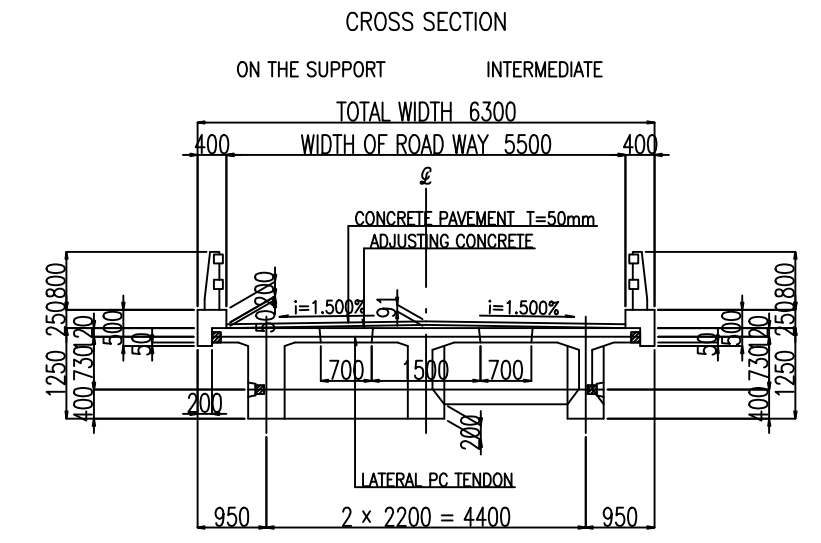
PROFILE
S=1/400

BR.NO.6 QUYNH BANG
GENERAL VIEW OF THE BRIDGE



GRADE	
PROPOSED HEIGHT	
GROUND HEIGHT	14.865
STATION	0+140.00 to +159.200

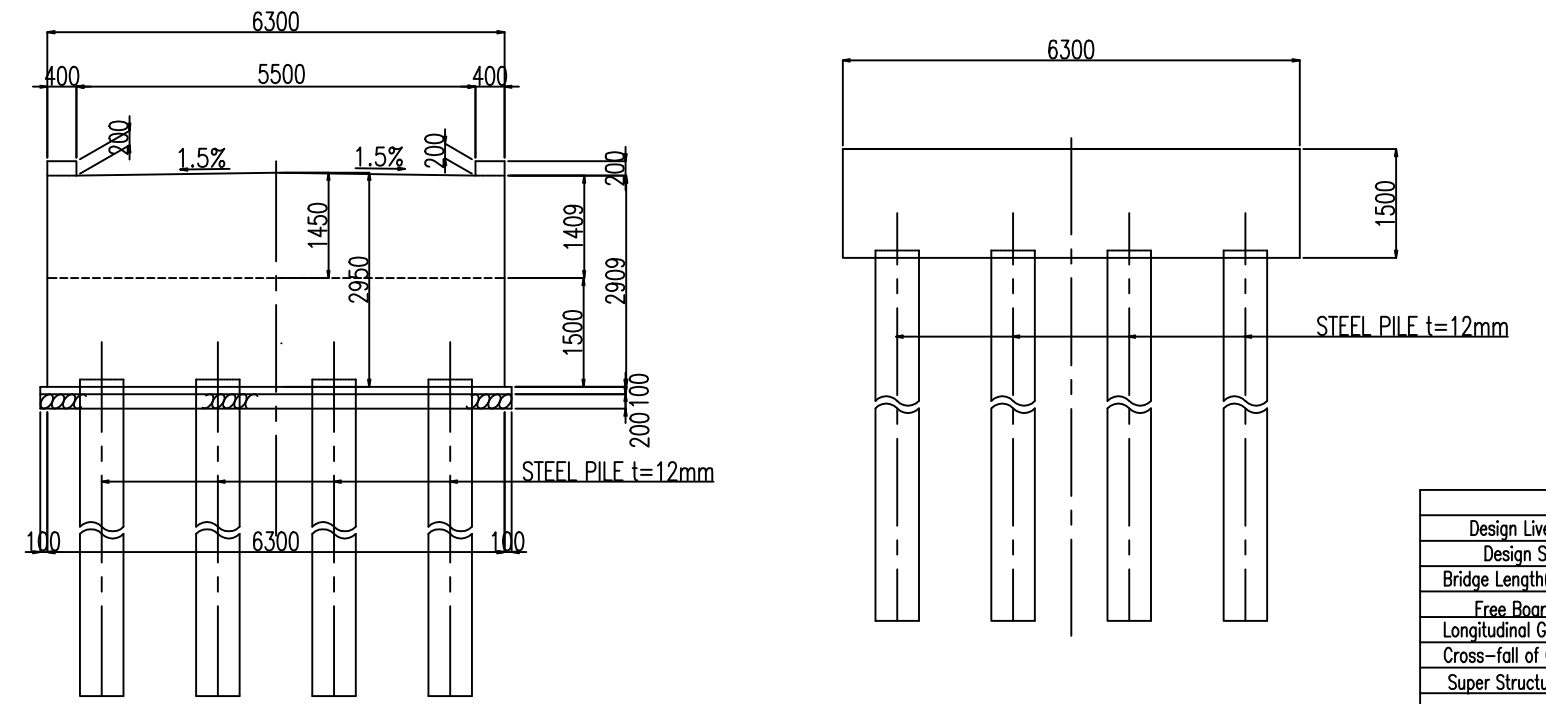
CROSS SECTION FOR PC GIRDER
S=1/100
GIRDER LENGTH 24700



ABUTMENT

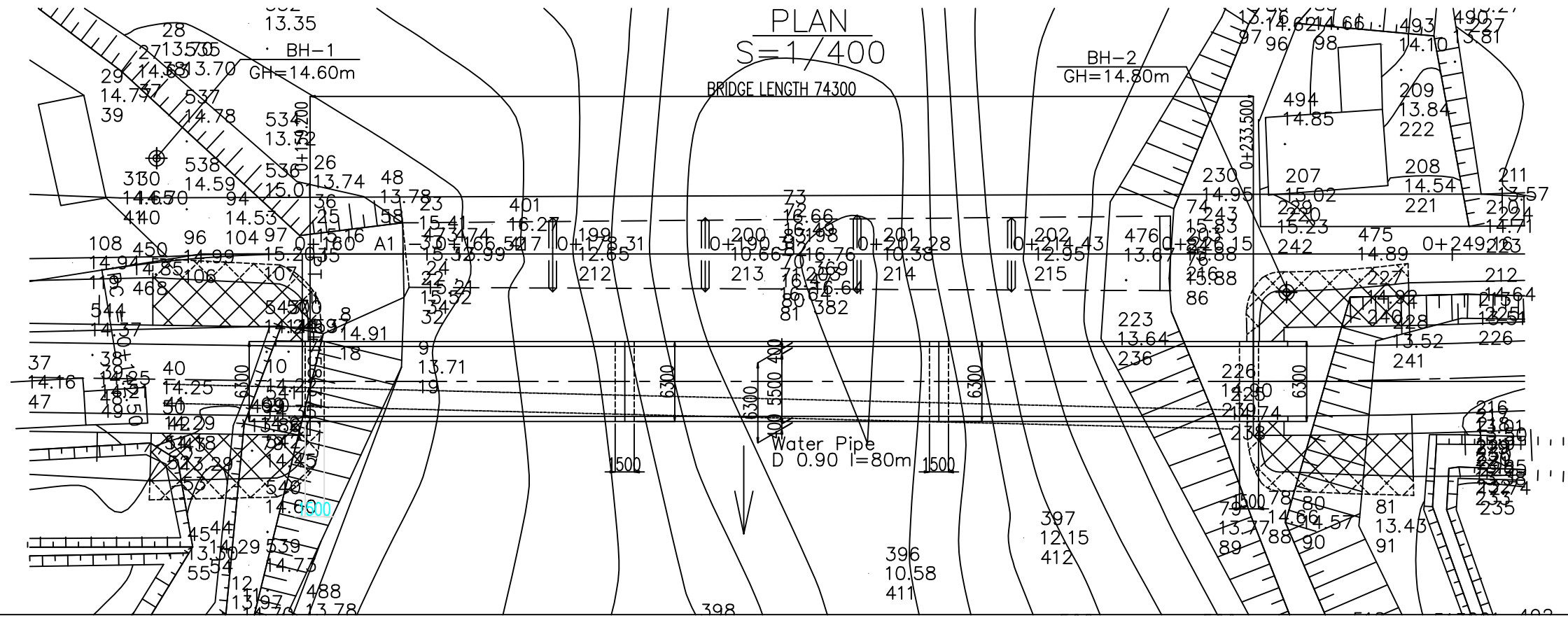
FRONT VIEW
S=1/100

PIER



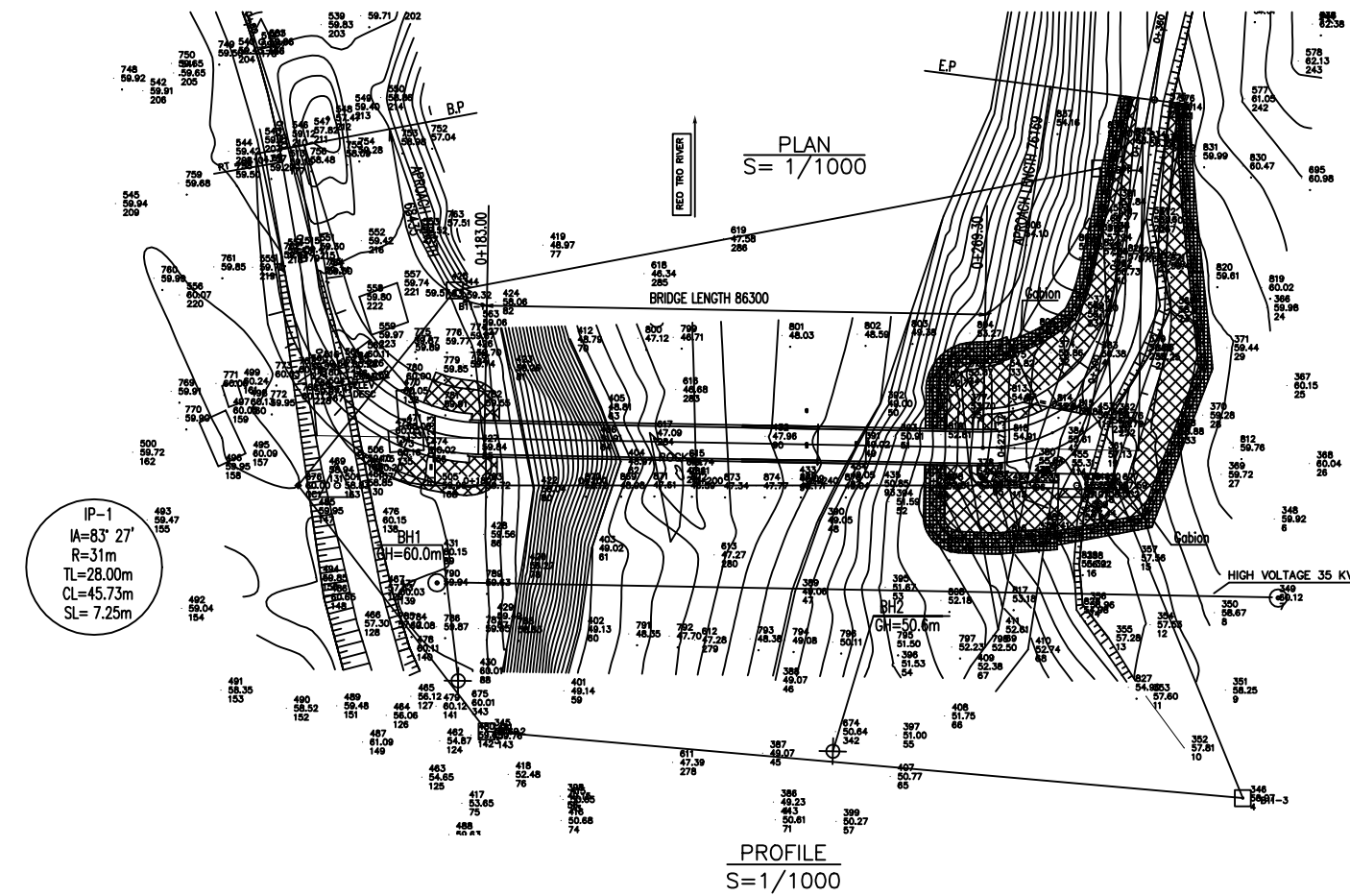
DESIGN CRITERIA

General Condition	
Design Live Load	H13.X60
Design Speed	V=40km/h
Bridge Length(Span Length)	74.30m(24.00m+24.00m+24.00m)
Free Board	0.5m
Longitudinal Gradient	0.3%
Cross-fall of Carriage way	1.50%
Super Structure Type	Reinforced Concrete
Sub Structure Type	Abutment Reinforced Concrete
	Pier Reinforced Concrete
Foundation Type	Abutment Steel Pile #600
	Pier Steel Pile #600
Material Strength	
Super Structure Type	Girder e 28=35N/mm ²
	Cross Beam e 28=30N/mm ²
	Slab e 28=30N/mm ²
Surface	Curb,Handrail e 28=21N/mm ²
Sub Structure Type	e 28=21N/mm ²
Reinforcing Steel	SD295(py=295N/mm ²)



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CONSULTANT	CONSORTIUM OF FOREIGN CONSULTANTS INTERNATIONAL AND ORIGINAL CONSULTANTS		
DESIGNED BY	Y.FURUKAWA	CHECKED BY	H.ENDO
DATE		APPROVED BY	DIJUNG

BR.NO.11 MY SON
GENERAL VIEW OF THE SITE

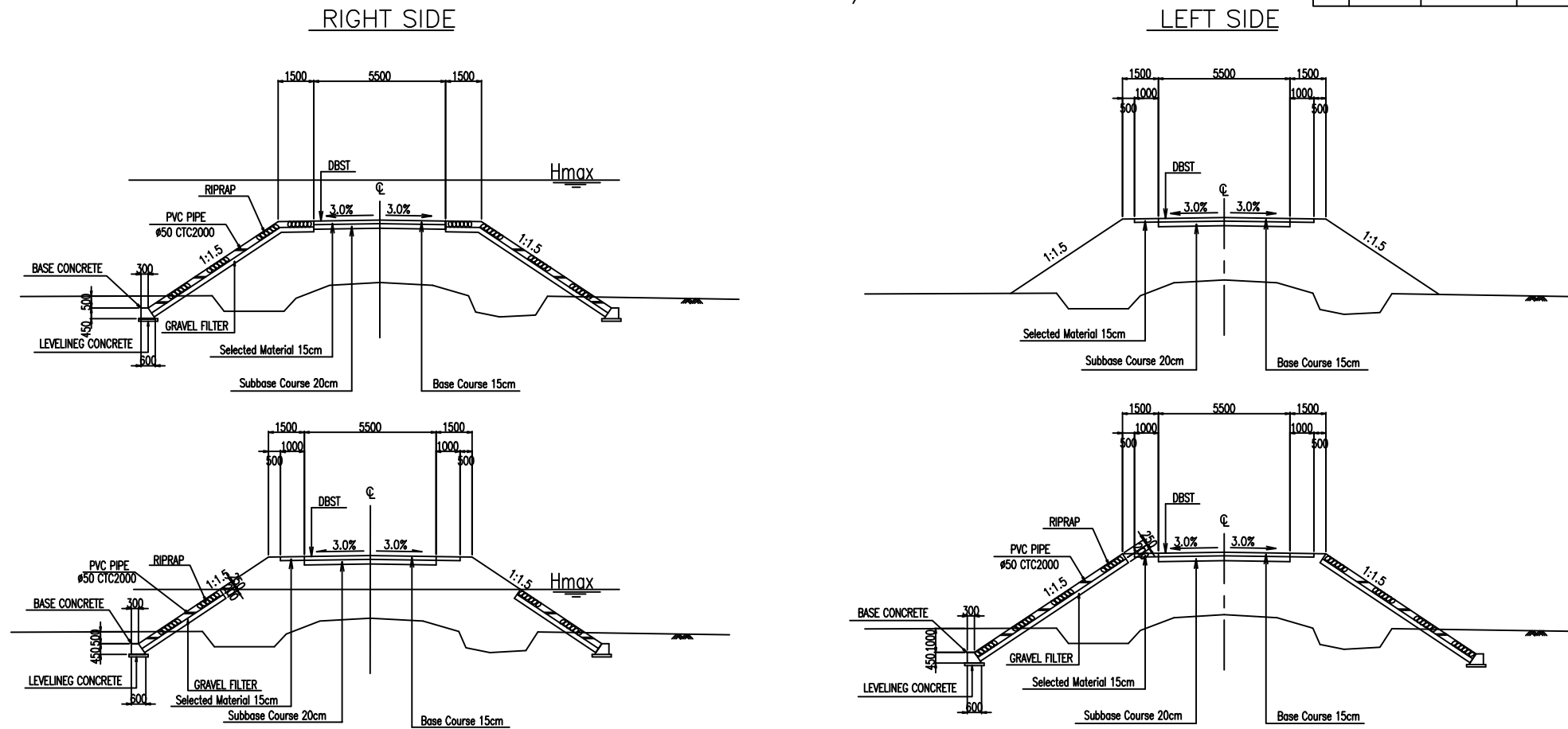


IP-3
IA=9° 54'
R=311m
TL=27.00m
CL=53.86m
SL= 1.22m

IP-2
IA=9° 24'
R=27m
TL=27.00m
CL=42.35m
SL= 7.80m

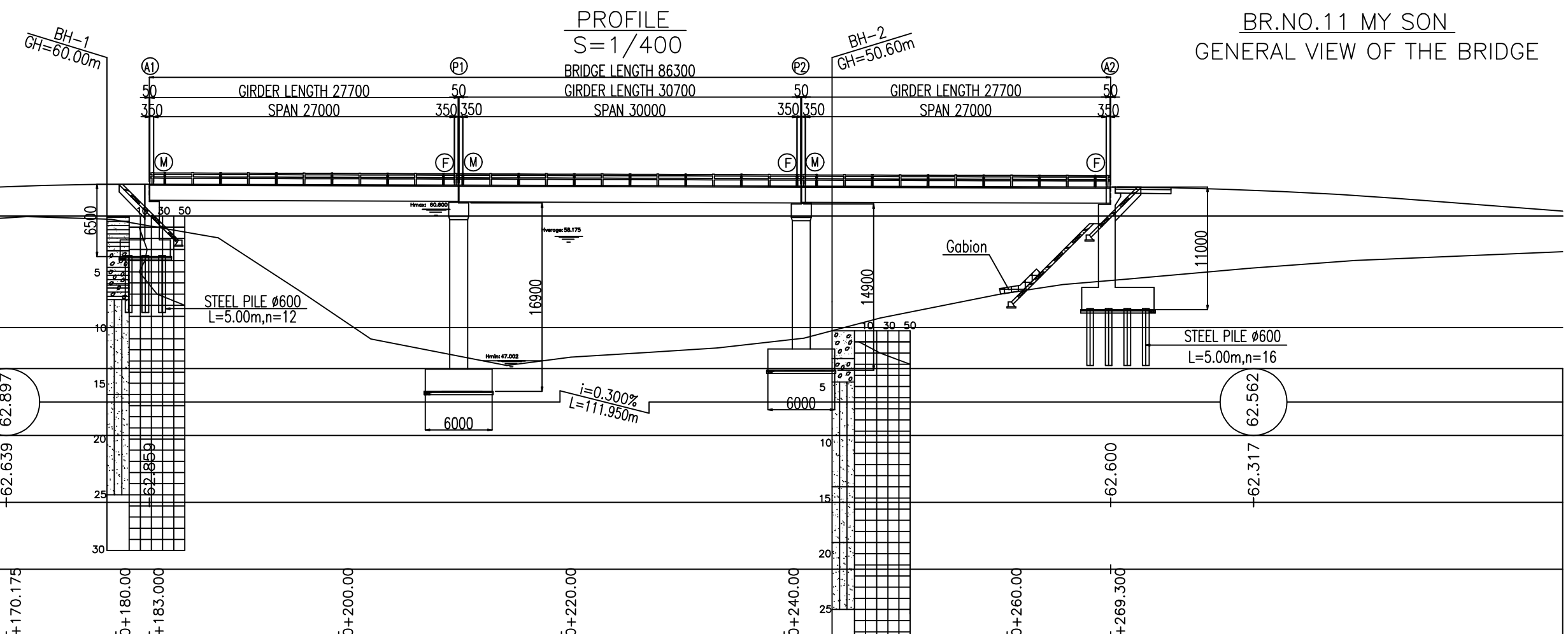
IP-1
IA=83° 27'
R=31m
TL=28.00m
CL=45.73m
SL= 7.25m

TYPICAL CROSS SECTION OF APPROACH ROAD
S=1/200

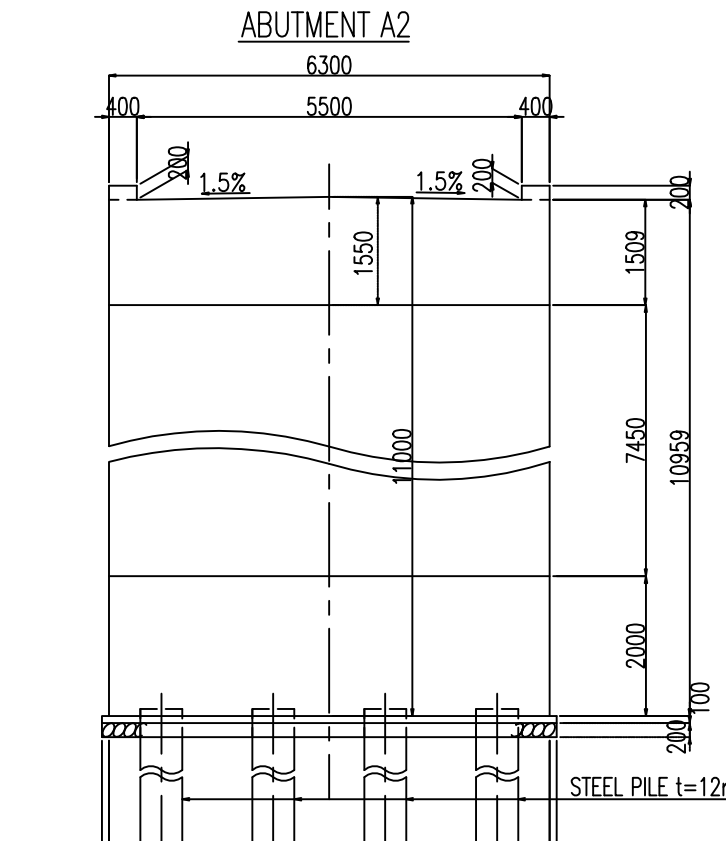
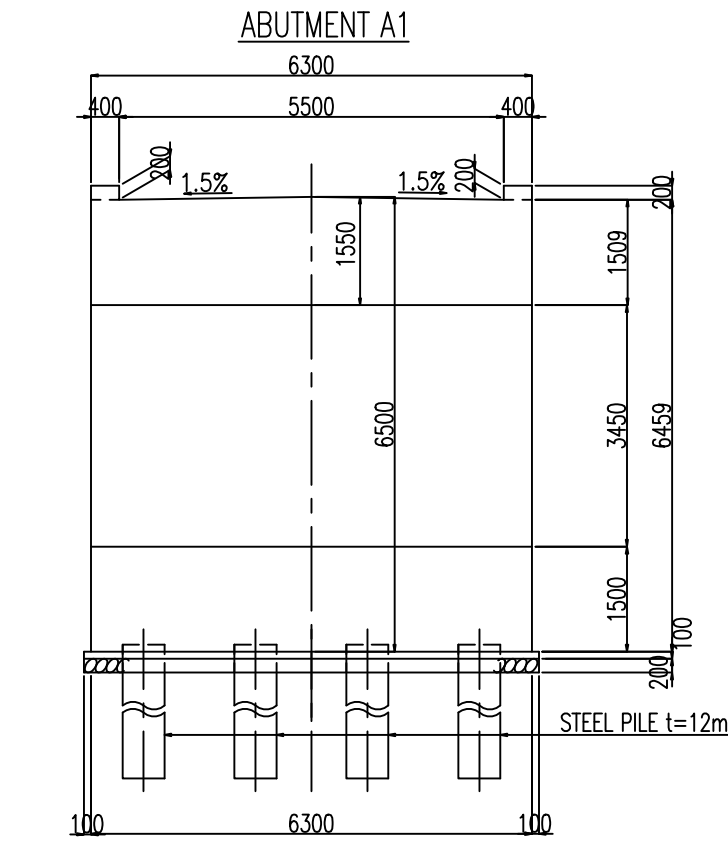
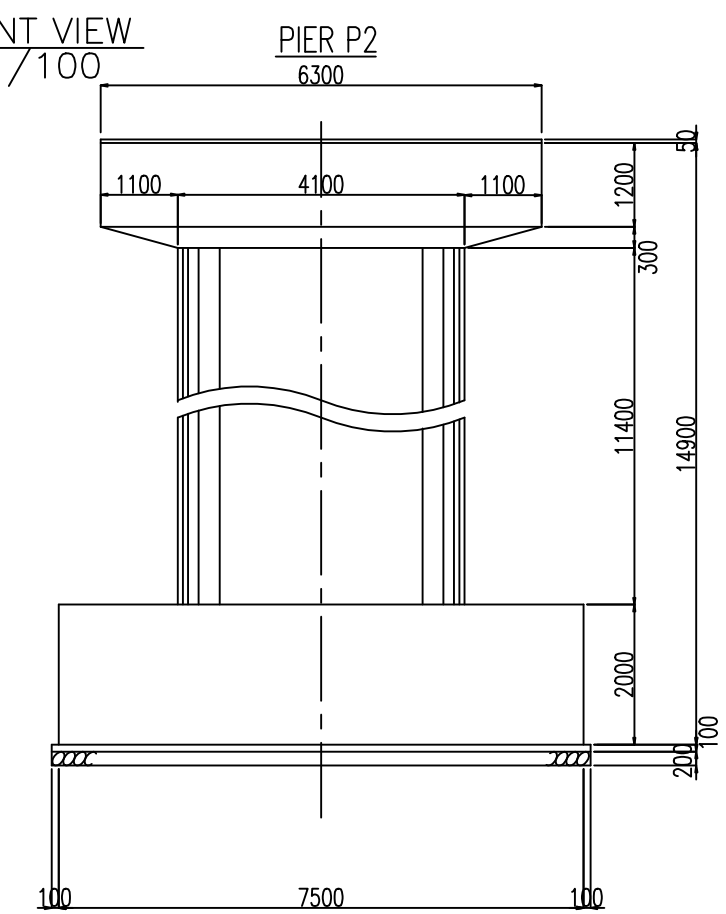
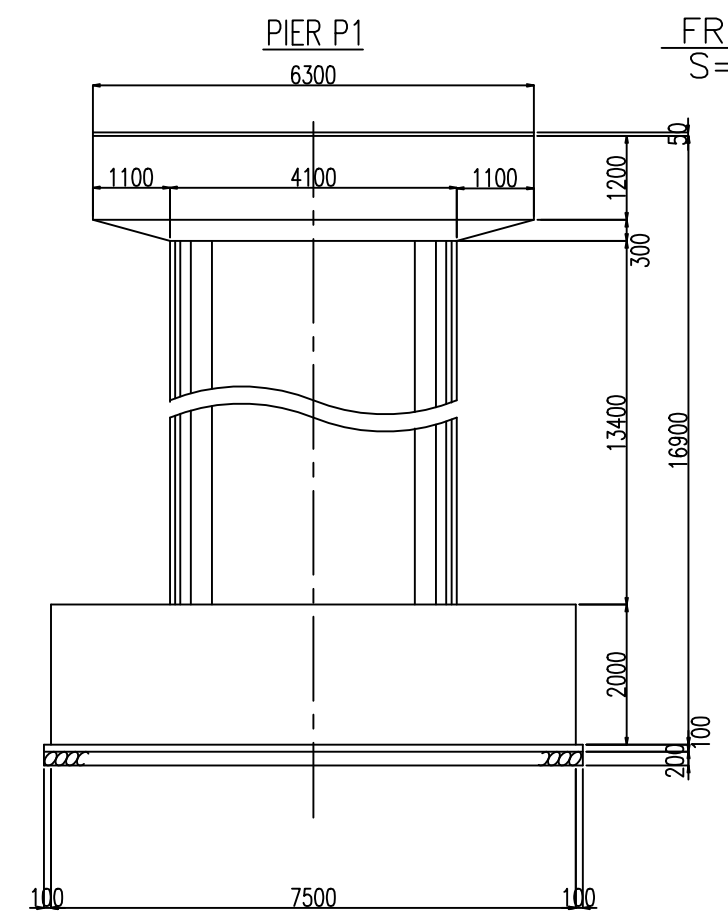
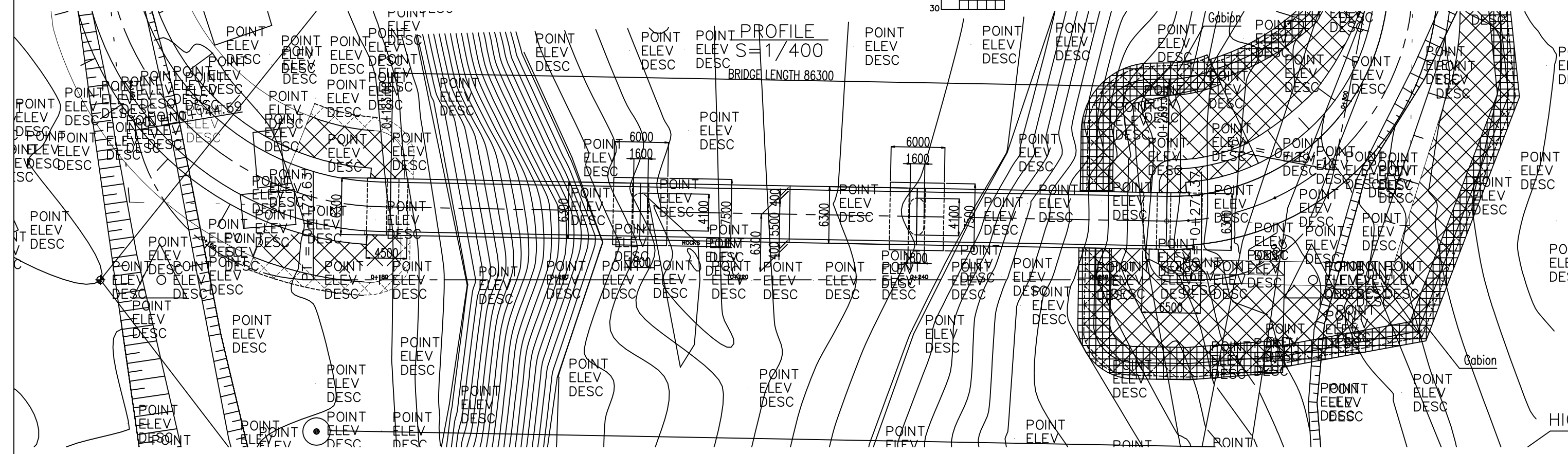


GRADE	PROPOSED HEIGHT	GROUND HEIGHT	STATION
	59.469	59.571	0+83.71
	59.469	59.153	0+104.65
	59.717	59.469	0+114.565
	59.717	59.466	0+119.97
	59.717	59.104	0+127.324
	62.639	59.657	0+139.98
	62.639	59.466	0+144.57
	62.859	59.104	0+157.349
	62.859	59.956	0+170.175
	62.859	59.717	0+172.01
	62.859	58.043	0+179.59
	62.859	53.122	0+183.00
	62.600	48.983	0+189.19
	62.600	53.122	0+196.74
	62.600	48.983	0+202.90
	62.317	46.589	0+215.09
	62.317	47.341	0+220.85
	62.317	47.774	0+227.73
	62.317	48.167	0+234.00
	62.317	49.042	0+241.76
	62.317	50.854	0+248.62
	62.317	53.013	0+259.47
	62.317	53.863	0+265.01
	62.317	54.345	0+269.300
	62.317	55.315	0+270.86
	62.317	55.315	0+281.82
	62.317	56.008	0+282.125
	62.317	57.191	0+291.24
	58.955	59.104	0+319.14
	58.955	58.233	0+339.13
	58.955	59.104	0+345.469
	58.955	58.848	0+365.56
	58.955	59.290	0+376.37

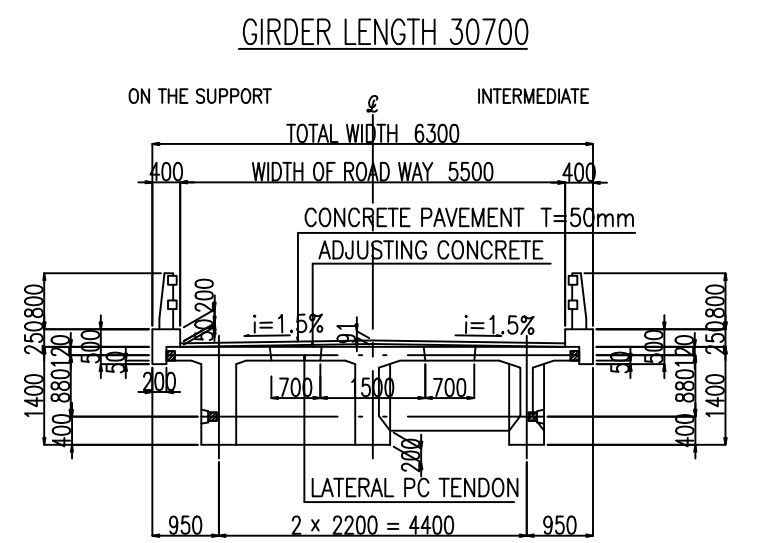
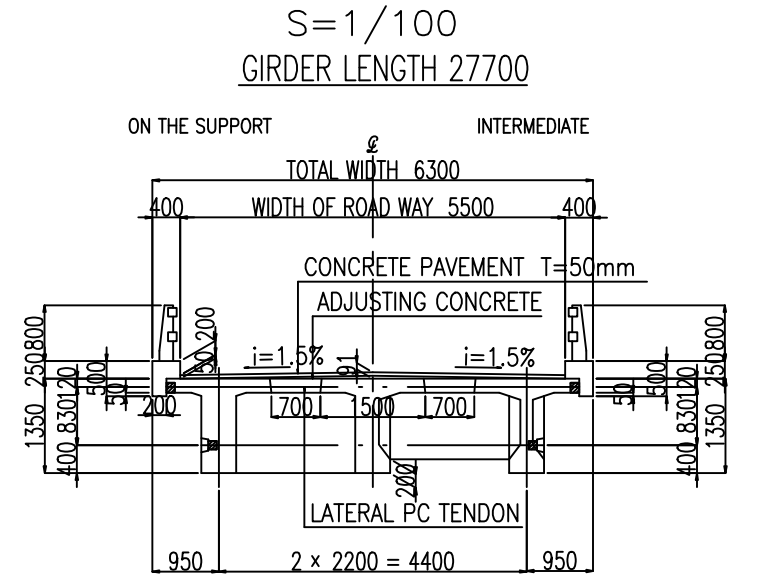
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CONSULTANT	CONSORTIUM OF JAPANESE CONSULTANTS INTERNATIONAL AND OTHERS CONSULTANTS		
DESIGNED BY	CHECKED BY	APPROVED BY	
NAME	Y.FURUKAWA	H.UDO	DUONG
SIGNATURE			
DATE			



BR.NO.11 MY SON
GENERAL VIEW OF THE BRIDGE



CROSS SECTION FOR PC GIRDER



DESIGN CRITERIA

General Condition	
Design Live Load	H13.X60
Design Speed	V=25km/h
Bridge Length(Span Length)	86.30m(27.00m+30.00m+27.00m)
Free Board	0.5m
Longitudinal Gradient	0.3%
Cross-fall of Carriage way	1.50%
Super Structure Type	Reinforced Concrete
Sub Structure Type	Abutment Reinforced Concrete Pier Reinforced Concrete
Foundation Type	Abutment Steel Pile #600 Pier Spread Foundation
Material Strength	
Super Structure Type	Girder #28=35N/mm ² Cross Beam #28=30N/mm ²
Surface	Slab #28=30N/mm ² Curb,Handrail #28=21N/mm ²
Sub Structure Type	#28=21N/mm ²
Reinforcing Steel	SD295(py=295N/mm ²)