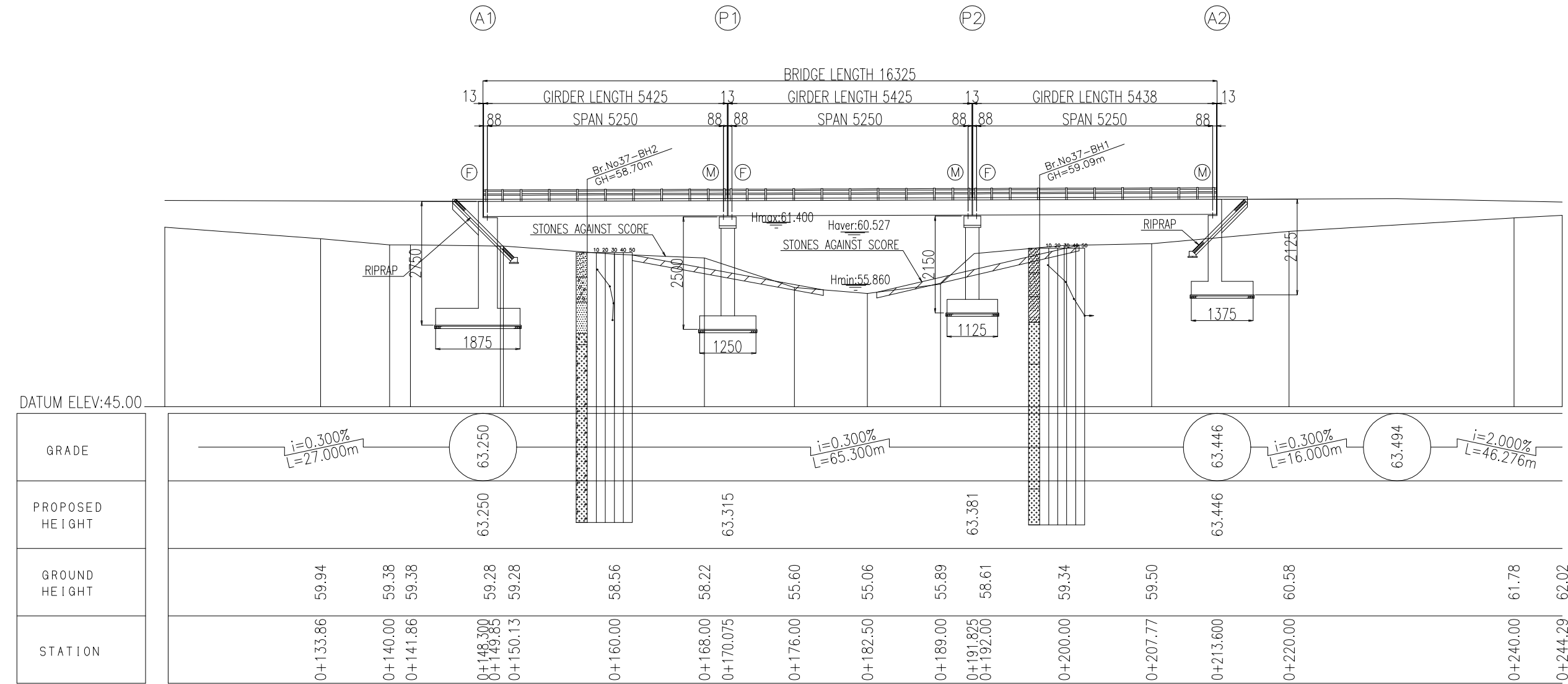


THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, MINISTRY OF TRANSPORTS			
PROJECT	THE PROJECT FOR RECONSTRUCTION OF BRIDGES IN THE GENERAL AREA OF VIETNAM		
CONSULTANT	CONSORTIUM OF PACIFIC CONSULTANTS INTERNATIONAL AND ORIENTAL CONSULTANTS		
DESIGNED BY	CHECKED BY	APPROVED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

PROFILE  
S=1/400

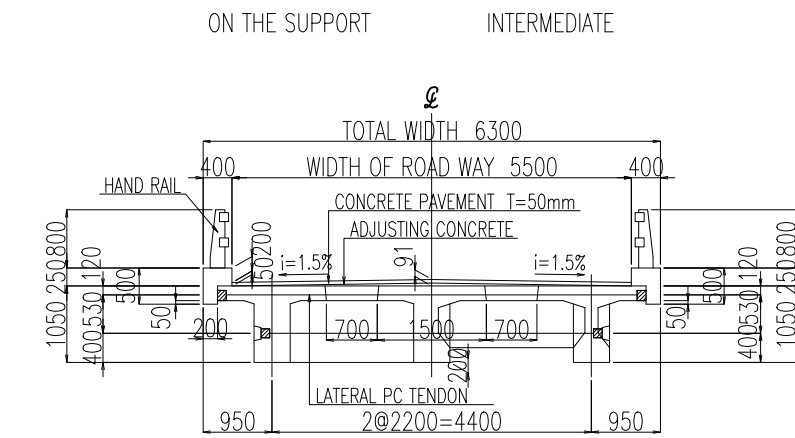
BR.NO.37 TRANG BRIDGE  
GENERAL VIEW OF THE BRIDGE

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100, 1/200, 1/400	C-3	1 OF 1
DRAWING TITLE	BRIDGE STRUCTURE (BR.NO.37 TRANG BRIDGE)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE



CROSS SECTION  
S=1/100

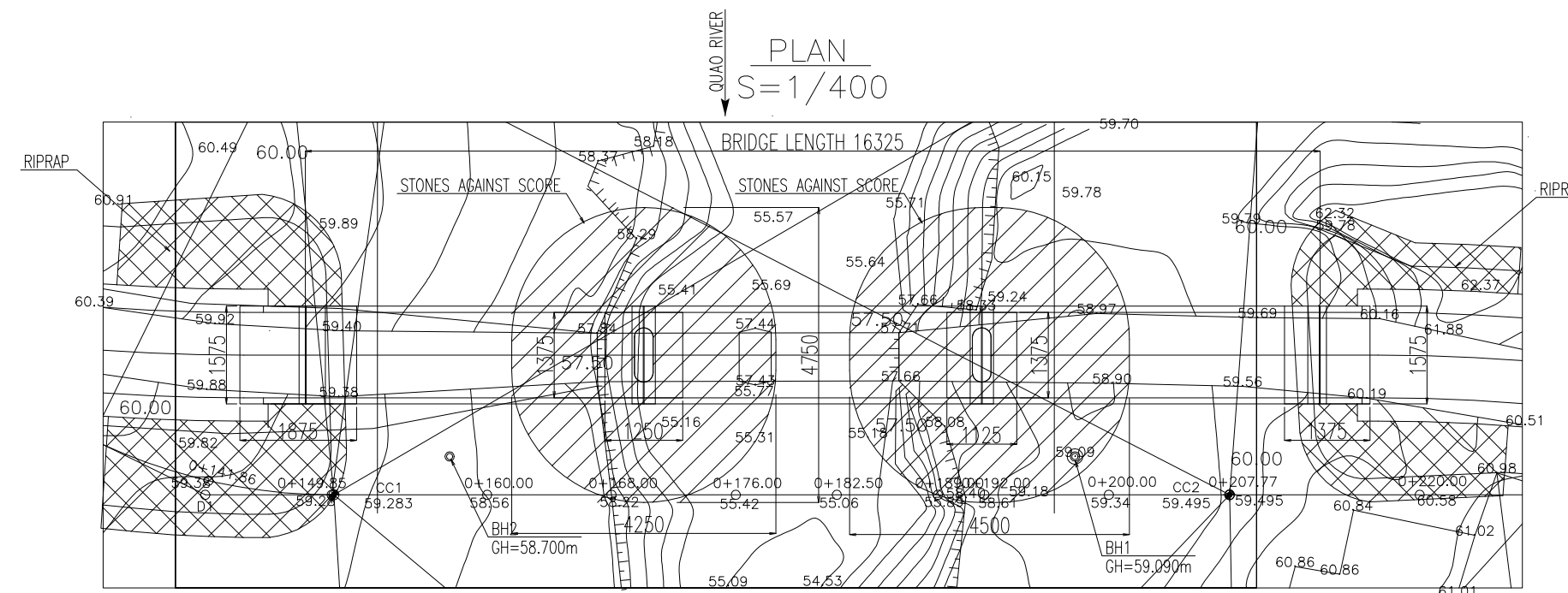
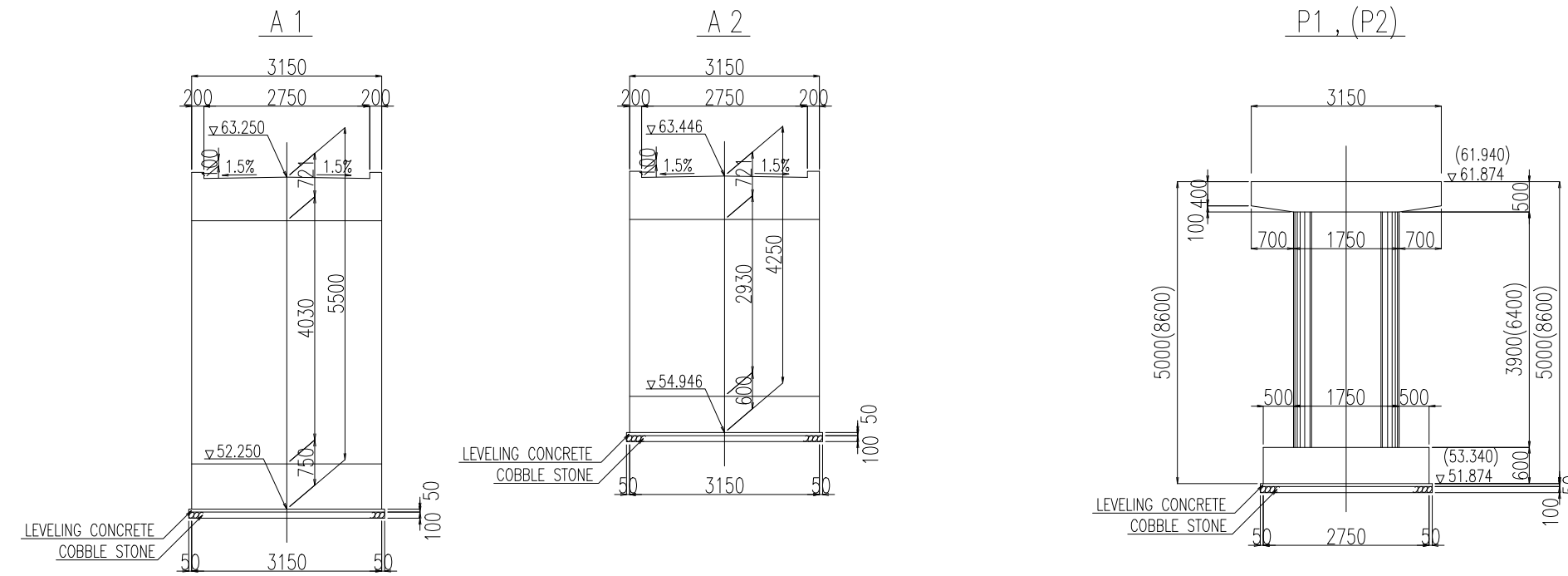
GIRDER LENGTH 21750



FRONT VIEW  
S=1/200

ABUTMENT

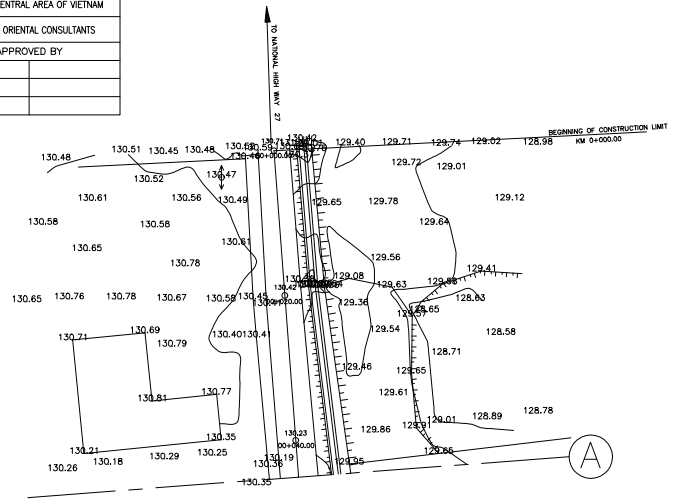
PIER



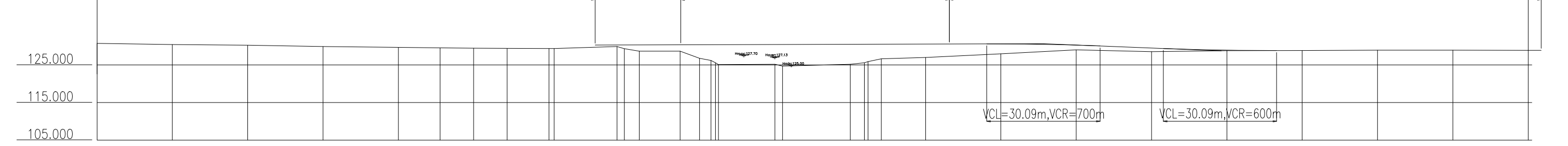
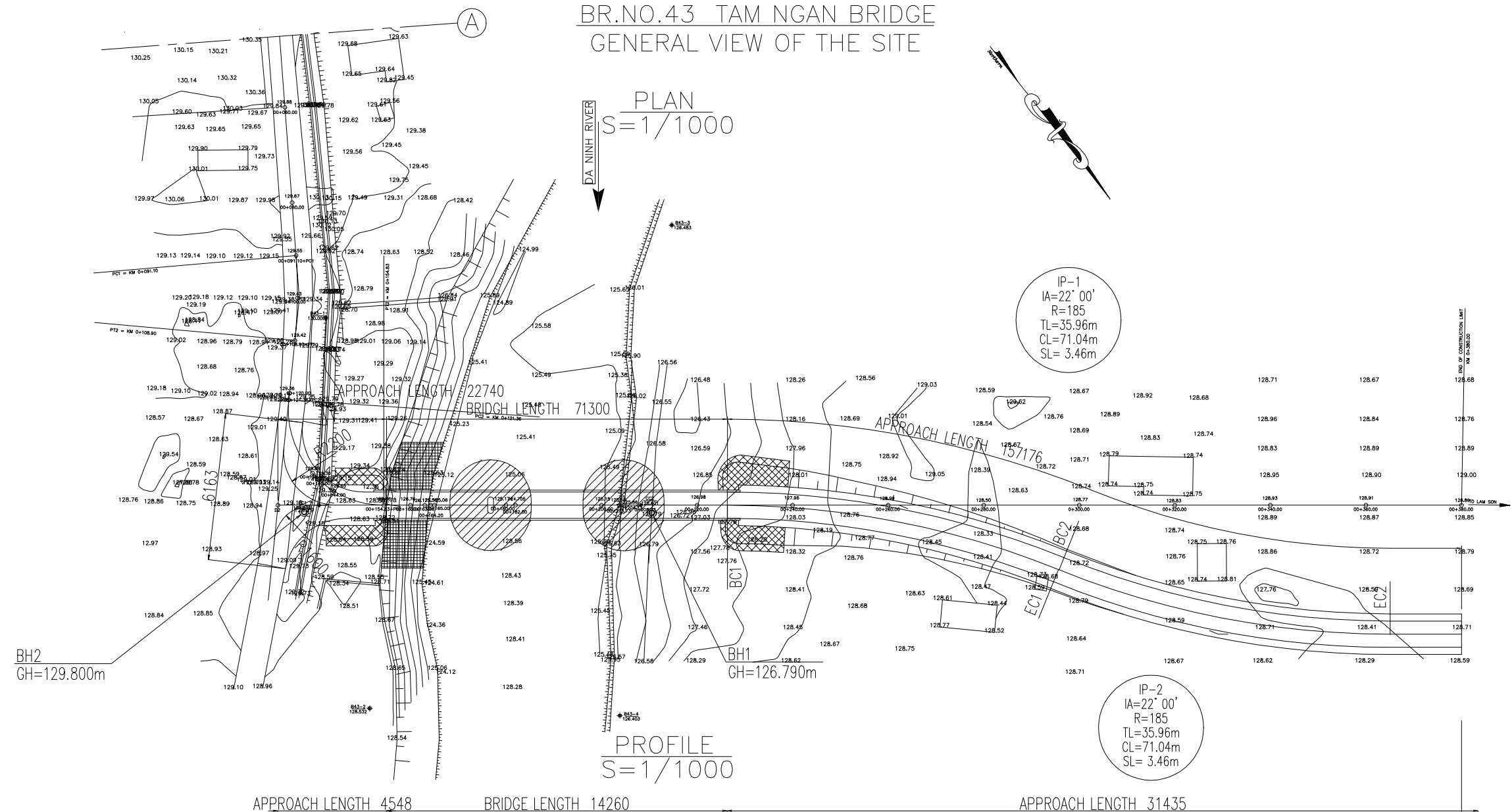
DESIGN CRITERIA

General Condition	
Design Live Load	H13,X60
Design Speed	V=40km/h
Bridge Length(Span Length)	65.30m(21.00m+21.00m+21.00m)
Freeboard	0.5m
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: Spread foundation
	A2: Spread foundation
	P1: Spread foundation
	P2: Spread foundation
Material Strength	
Super Structure Type	Girder $\sigma 28=35N/mm^2$
	Cross Beam $\sigma 28=30N/mm^2$
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 <sup>2</sup> )

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			



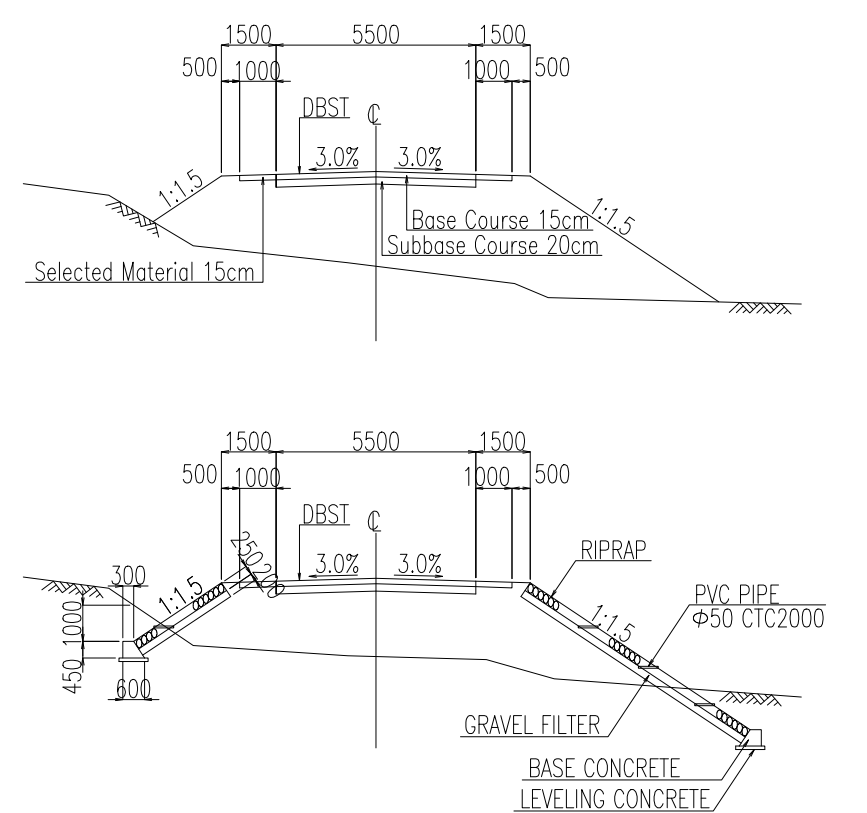
### BR.NO.43 TAM NGAN BRIDGE GENERAL VIEW OF THE SITE



GRADE	130.282 $i=0.300\%$ $L=22.740m$		$i=0.300\%$ $L=71.300m$		130.564 $i=0.300\%$ $L=25.000m$		$i=4.000\%$ $L=47.224m$		128.750	128.810																												
PROPOSED HEIGHT		130.282	130.350		130.564	130.639		128.908	128.810																													
GROUND HEIGHT	130.71	130.42	130.23	129.88	129.67	129.55	129.43	129.42	129.36	129.35	128.66	126.76	125.17	125.56	125.06	125.17	124.76	125.15	125.88	125.86	126.60	126.98	127.96	128.99	128.50	128.77	128.83	128.93	128.91	128.89								
STATION	0+000.00	0+020.00	0+040.00	0+060.00	0+080.00	0+091.10	0+100.00	0+108.90	0+120.00	0+121.36	0+132.260	0+138.00	0+140.00	0+144.00	0+154.83	0+155.000	0+160.00	0+164.20	0+165.00	0+180.00	0+182.00	0+200.00	0+203.73	0+204.73	0+208.23	0+220.00	0+226.300	0+240.00	0+251.300	0+260.00	0+280.00	0+298.524	0+300.00	0+313.208	0+320.00	0+340.00	0+360.00	0+360.00

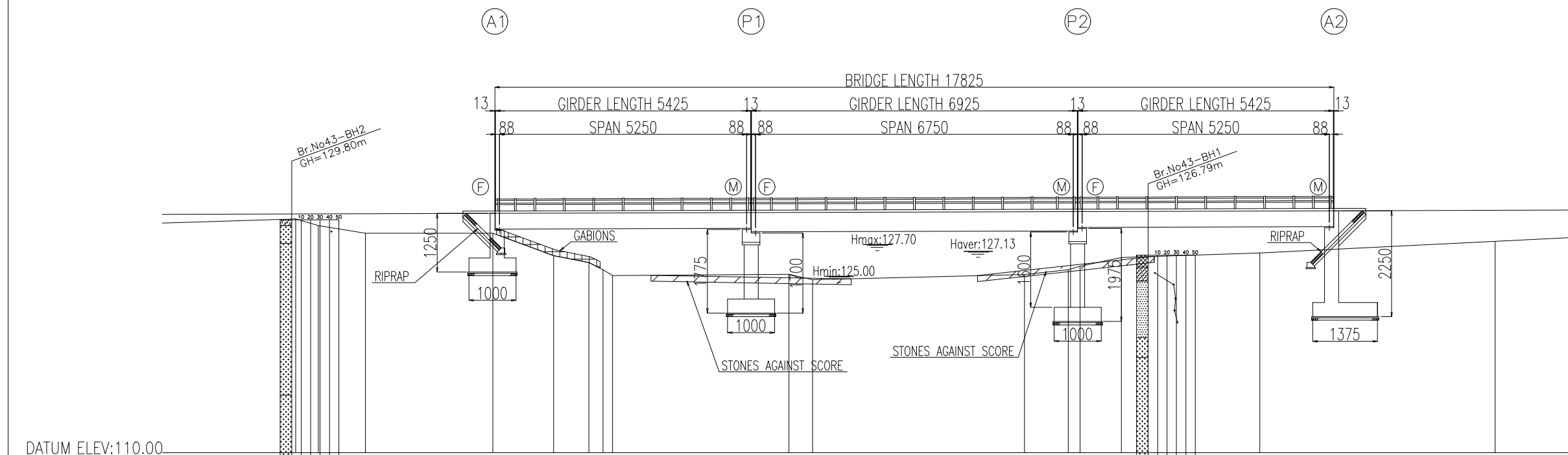
SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/200, 1/1000	C-1	1 OF 1
DRAWING TITLE	ROAD PLANNING (BR.NO.43 TAM NGAN BRIDGE)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE

### TYPICAL CROSS SECTION OF APPROACH ROAD S=1/200



THE GOVERNMENT OF SOCIALIST REPUBLIC OF VIETNAM PROJECTS MANAGEMENT UNIT NO.18, 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	
Y.FURUKAWA	H.ENDO	DUANG	
SIGNATURE			
DATE			

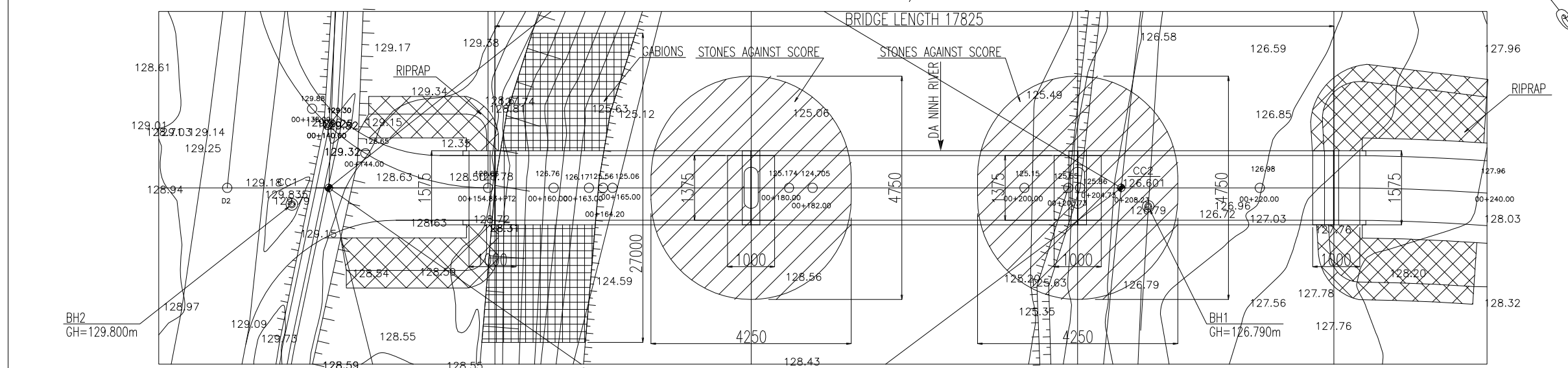
PROFILE  
S=1/400



DATUM ELEV:110.00

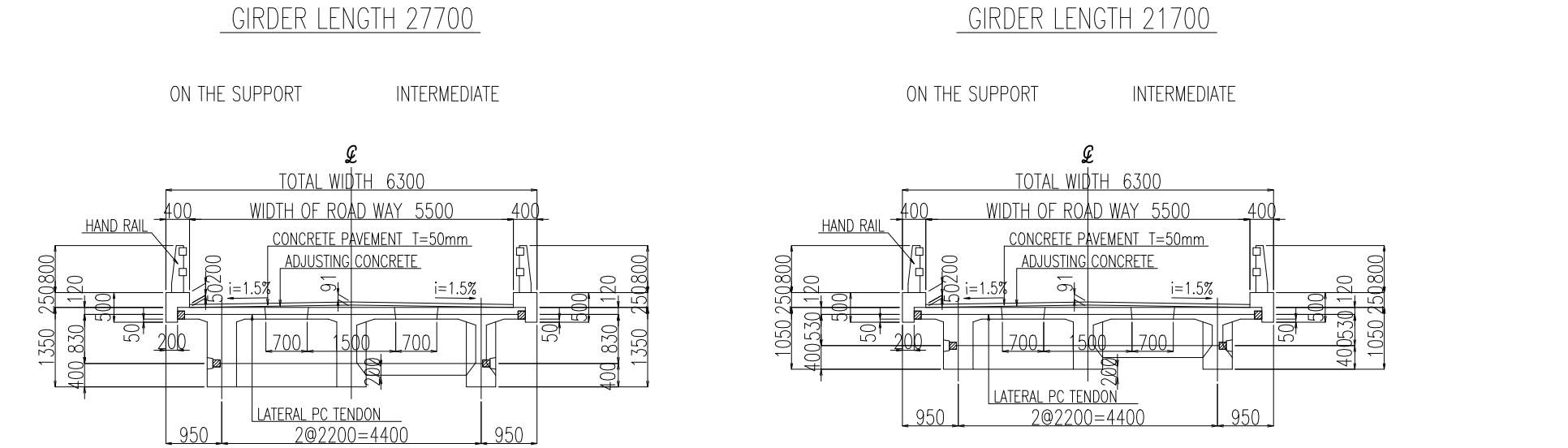
GRADE	i=0.300% L=22.740m		i=0.300% L=71.300m		i=0.300% L=25.000m	
PROPOSED HEIGHT	130.350		130.415		130.564	
GROUND HEIGHT	129.88	129.30	128.65	128.66	126.76	125.06
STATION	0+138.09	0+140.00	0+144.00	0+154.83	0+160.00	0+165.00
	0+140.00	0+144.00	0+148.00	0+158.00	0+163.00	0+168.00
	0+144.00	0+148.00	0+152.00	0+162.00	0+167.00	0+172.00
	0+148.00	0+152.00	0+156.00	0+166.00	0+171.00	0+176.00
	0+152.00	0+156.00	0+160.00	0+170.00	0+175.00	0+180.00
	0+156.00	0+160.00	0+164.00	0+174.00	0+179.00	0+184.00
	0+160.00	0+164.00	0+168.00	0+178.00	0+183.00	0+188.00
	0+164.00	0+168.00	0+172.00	0+182.00	0+187.00	0+192.00
	0+168.00	0+172.00	0+176.00	0+186.00	0+191.00	0+196.00
	0+172.00	0+176.00	0+180.00	0+190.00	0+195.00	0+200.00
	0+176.00	0+180.00	0+184.00	0+194.00	0+199.00	0+204.00
	0+180.00	0+184.00	0+188.00	0+198.00	0+203.00	0+208.00
	0+184.00	0+188.00	0+192.00	0+202.00	0+207.00	0+212.00
	0+188.00	0+192.00	0+196.00	0+206.00	0+211.00	0+216.00
	0+192.00	0+196.00	0+200.00	0+210.00	0+215.00	0+220.00
	0+196.00	0+200.00	0+204.00	0+214.00	0+219.00	0+224.00
	0+200.00	0+204.00	0+208.00	0+218.00	0+223.00	0+228.00
	0+204.00	0+208.00	0+212.00	0+222.00	0+227.00	0+232.00
	0+208.00	0+212.00	0+216.00	0+226.00	0+231.00	0+236.00
	0+212.00	0+216.00	0+220.00	0+230.00	0+235.00	0+240.00

PLAN  
S=1/400



BR.NO.43 TAM NGAN BRIDGE  
GENERAL VIEW OF THE BRIDGE

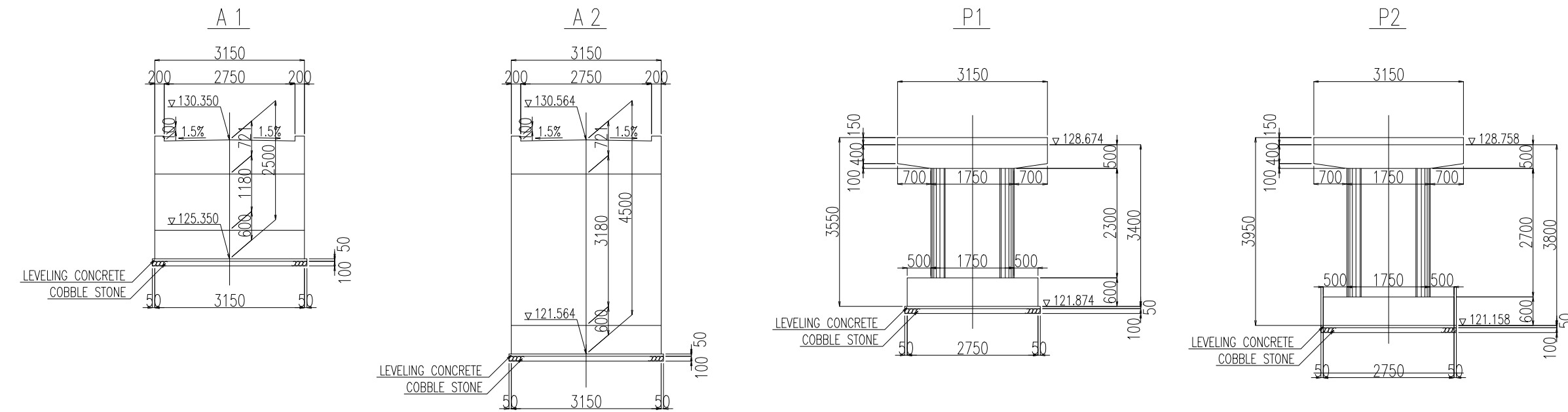
CROSS SECTION  
S=1/100



FRONT VIEW  
S=1/200

ABUTMENT

PIER



DESIGN CRITERIA

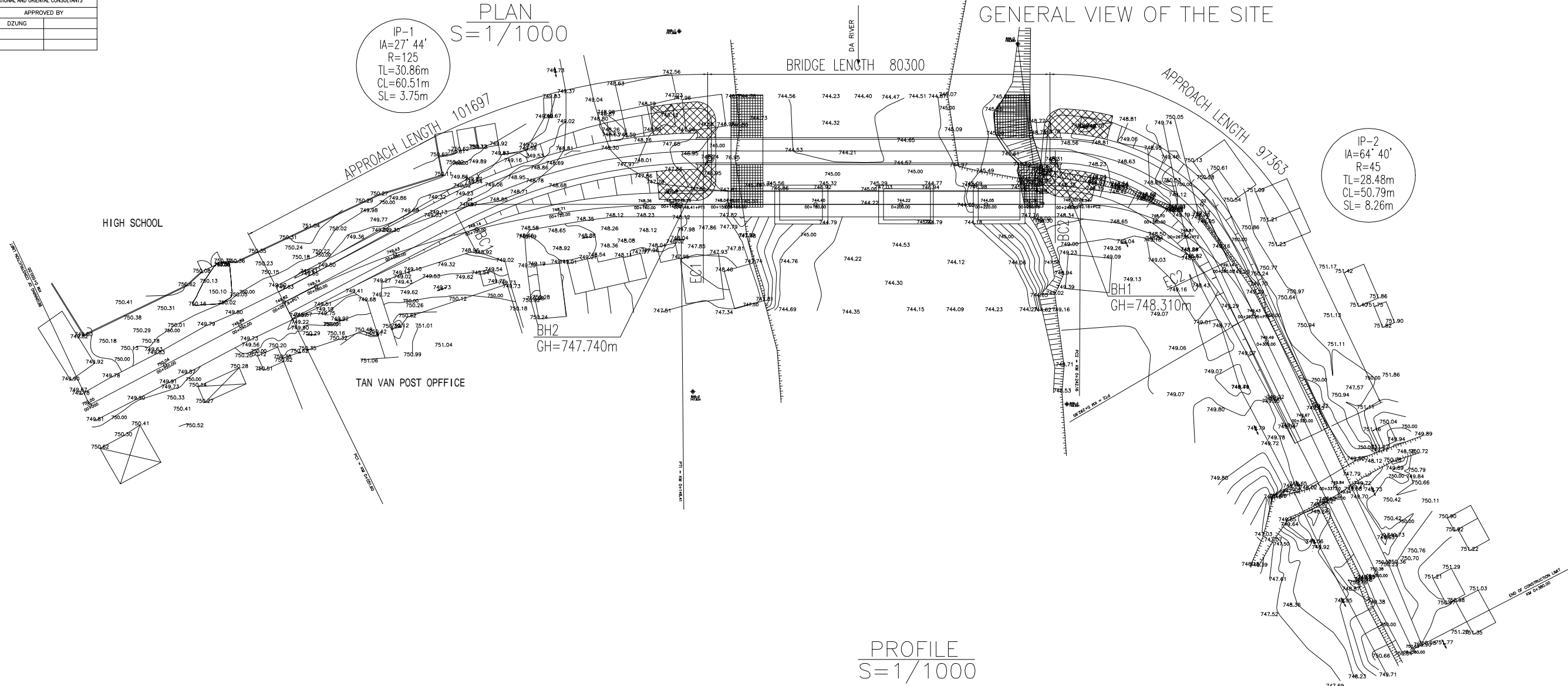
General Condition		
Design Live Load	H13,X60	
Design Speed	V=40km/h	
Bridge Length(Span Length)	71.30m(21.00m+27.00m+21.00m)	
Freeboard	1.0m	
Longitudinal Gradient	0.30 %	
Cross-fall of Carriage way	1.50 %	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Abutment Reinforced Concrete	
	Pier Reinforced Concrete	
Foundation Type	Abutment A1: Spread foundation A2: Rc. Pile Ø400x400	
	Pier P1: Spread foundation P2: Rc. Pile Ø400x400	
Material Strength		
Super Structure Type	Girder	σ28=35N/mm <sup>2</sup>
	Cross Beam	σ28=30N/mm <sup>2</sup>
	Slab	σ28=30N/mm <sup>2</sup>
Surface	Curb, Handrail	σ28=21N/mm <sup>2</sup>
Sub Structure Type		σ28=21N/mm <sup>2</sup>
Reinforcing Steel		SD295(py=295N/mm <sup>2</sup> )

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	
Y.FURUKAWA	H.ENDO	D.ZUNG	
SIGNATURE			
DATE			

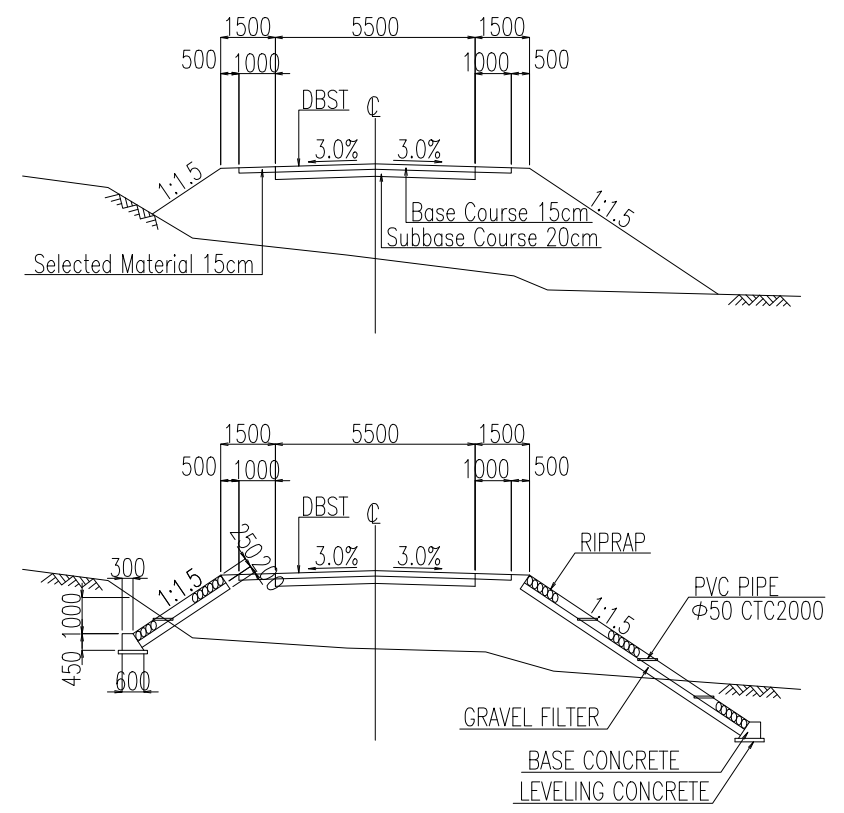
SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/200, 1/1000	C-1	1 OF 1
DRAWING TITLE	ROAD PLANNING (BR.NO.46 TAN VAN BRIDGE)		
REV. NO.	DATE	DESCRIPTION	SIGNATURE

BR.NO.46 TAN VAN BRIDGE  
GENERAL VIEW OF THE SITE

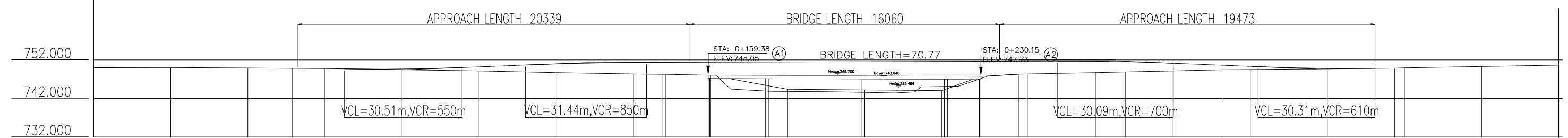
PLAN  
S=1/1000



TYPICAL CROSS SECTION OF APPROACH ROAD  
S=1/200



PROFILE  
S=1/1000



GRADE	PROPOSED HEIGHT	GROUND HEIGHT	STATION
749.661	749.661	750.00	0+000.00
749.425	749.636	750.04	0+020.00
$i=4.000\%$ $L=47.350m$		749.89	0+040.00
		749.82	0+051.60
		749.74	0+060.00
		749.085	0+065.085
		749.43	0+080.00
		749.350	0+080.350
		749.14	0+100.00
		748.71	0+120.00
		751.174	0+127.700
		748.36	0+140.00
		748.28	0+147.47
		748.25	0+148.41
		748.04	0+154.700
		748.05	0+159.38
		748.05	0+160.00
		744.40	0+180.00
		744.22	0+200.00
		744.05	0+220.00
		747.73	0+230.15
		748.30	0+235.000
		748.34	0+240.00
		748.34	0+242.16
		748.70	0+260.00
		748.87	0+265.000
		748.87	0+267.55
		749.14	0+280.00
		749.43	0+292.95
		749.49	0+300.00
		749.67	0+317.164
		749.67	0+320.00
		749.84	0+332.363
		749.94	0+337.50
		749.94	0+340.00
		750.28	0+360.00
		750.63	0+380.00

