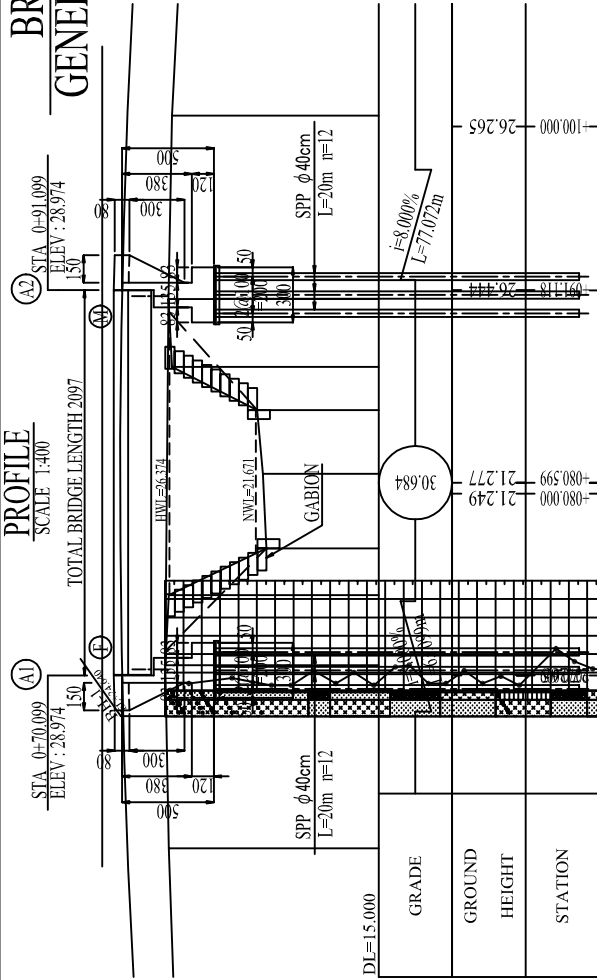


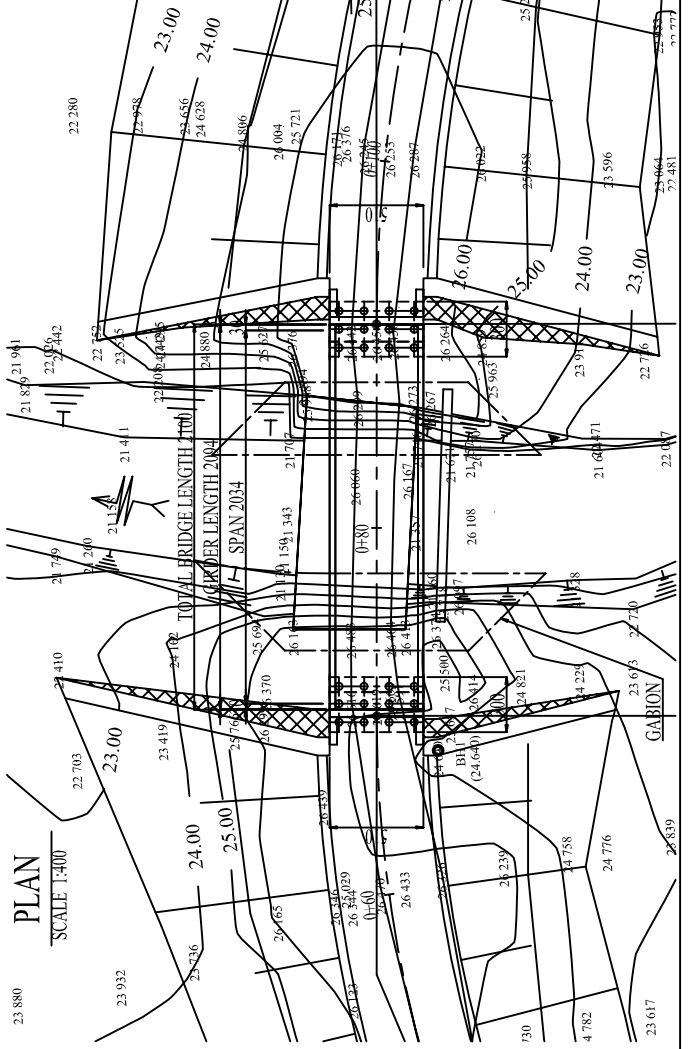
BR.NO.B11 KOKOBUKA VI GENERAL VIEW OF THE BRIDGE

SECTION	SCALE	DRAWING NO.	SHEET NO.
DRAWING TITLE	1:100, 1:400	BR.NO.B11 KOKOBUKA VI	17 OF 29
GENERAL VIEW OF THE BRIDGE			

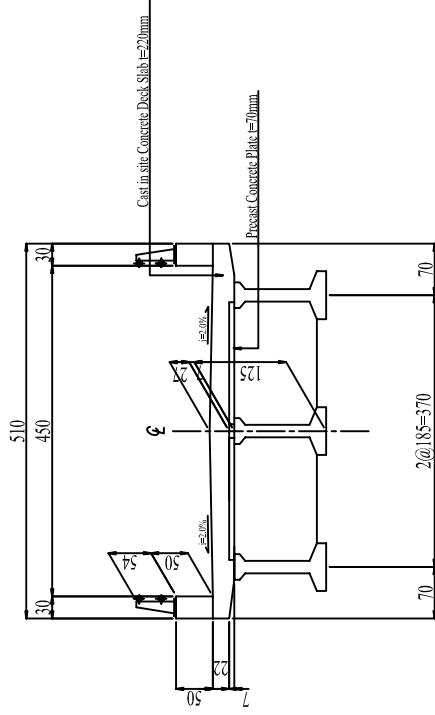
PROFILE SCALE 1:400



PLAN SCALE 1:400



CROSS SECTION FOR RC GIRDER SCALE 1:100



DESIGN CRITERIA

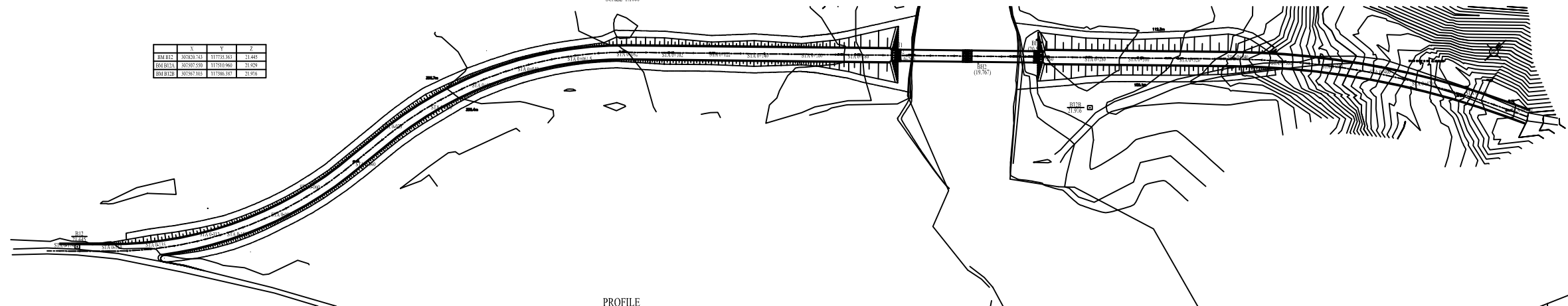
General Condition	
Design Live Load	"D" Lane Load
Design Speed	V=40km/h
Bridge Length(Span Length)	21.00m(20.34m)
Longitudinal Gradient	8.0% ~ 8.0%
Cross-fall of Carriage way	2.00%
Super Structure Type	Prestressed Concrete
Sub Structure Type	Reinforced Concrete
Foundation Type	Steel Pipe Pile ϕ 40cm
Material Strength	
Girder	σ 28=34.6N/mm ²
Cross Beam	σ 28=29N/mm ²
Slab	σ 28=29N/mm ²
Curb, Handrail	σ 28=21N/mm ²
Sub Structure Type	σ 28=21N/mm ²
Reinforcing Steel	SD235(py=235N/mm ²)

BR.NO.B12 KOKOBUKA VII
GENERAL VIEW OF THE SITE

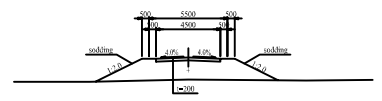
DATE	SCALE	DESIGNER	REVISION
1/17/17	1:1000		
BR.NO.B12 KOKOBUKA VII GENERAL VIEW OF THE SITE			

	X	Y	Z
BM 017	302628.743	117726.363	21.445
BM 013	302507.520	117518.960	21.425
BM 012	302362.622	117266.301	21.524

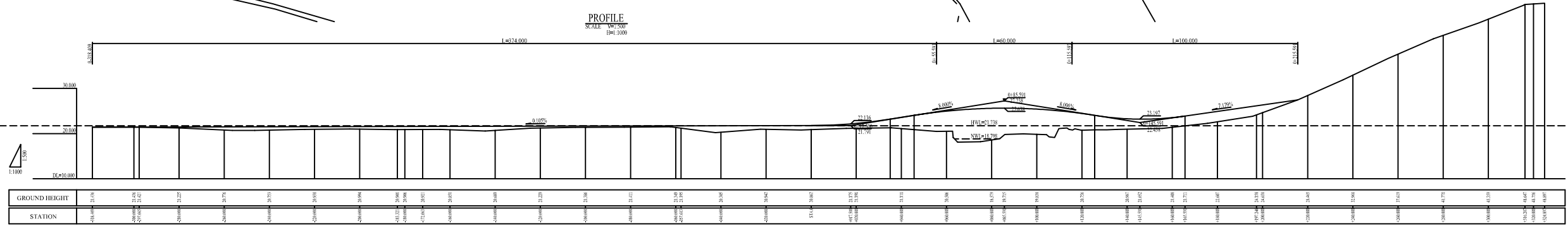
PLAN
SCALE 1:3000



TYPICAL CROSS SECTION
SCALE 1:250



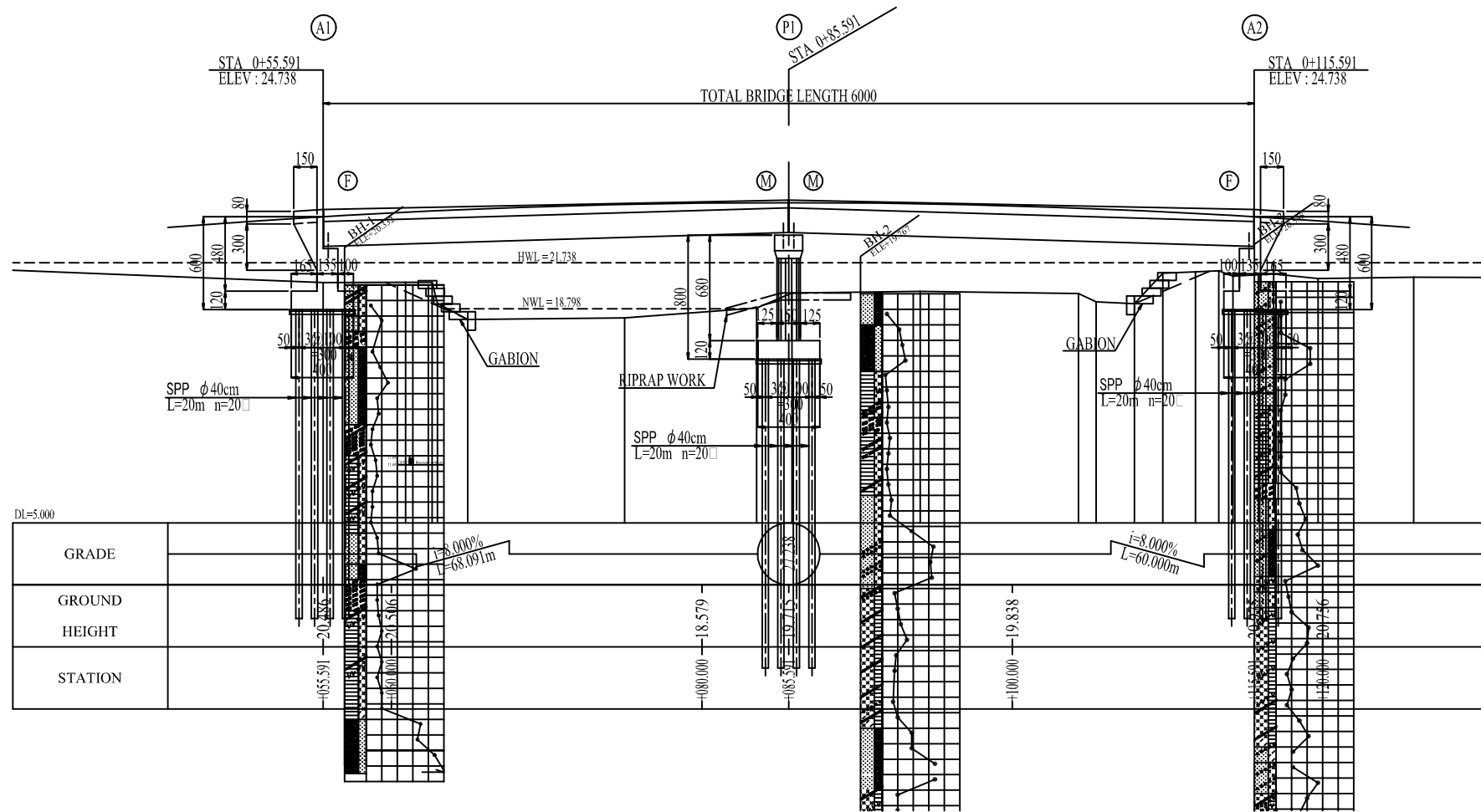
PROFILE
SCALE: H=1:500
V=1:1000



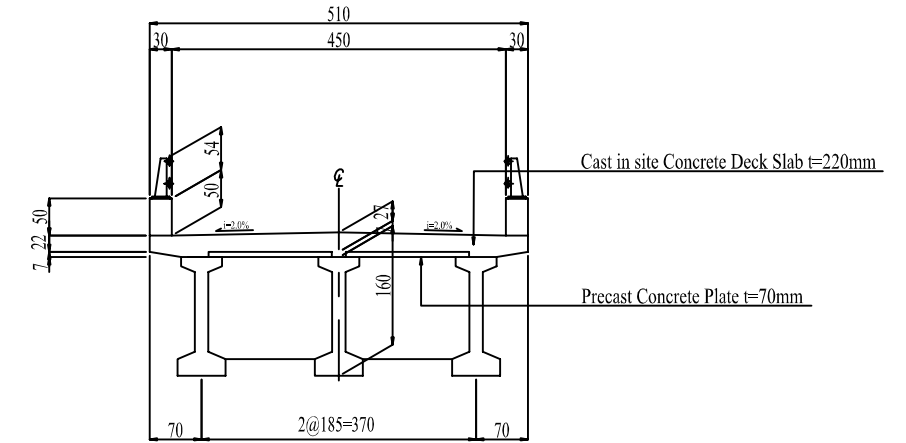
BR.NO.B12 KOKOBUKA VII GENERAL VIEW OF THE BRIDGE

SECTION	SCALE	DRAWING NO.	SHEET NO.
	1/100, 1/400		19 OF 29
DRAWING TITLE	BR.NO.B12 KOKOBUKA VII GENERAL VIEW OF THE BRIDGE		

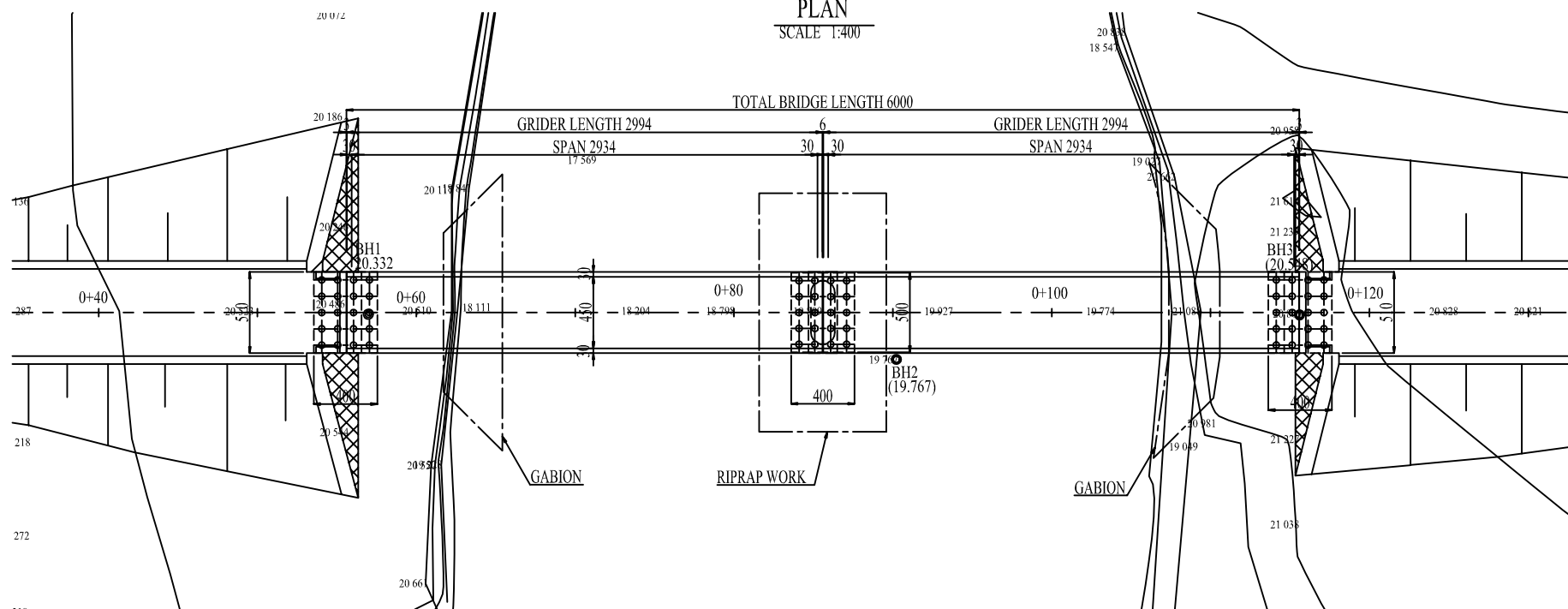
PROFILE
SCALE 1:400



CROSS SECTION FOR PC GIRDER
SCALE 1:100



PLAN
SCALE 1:400



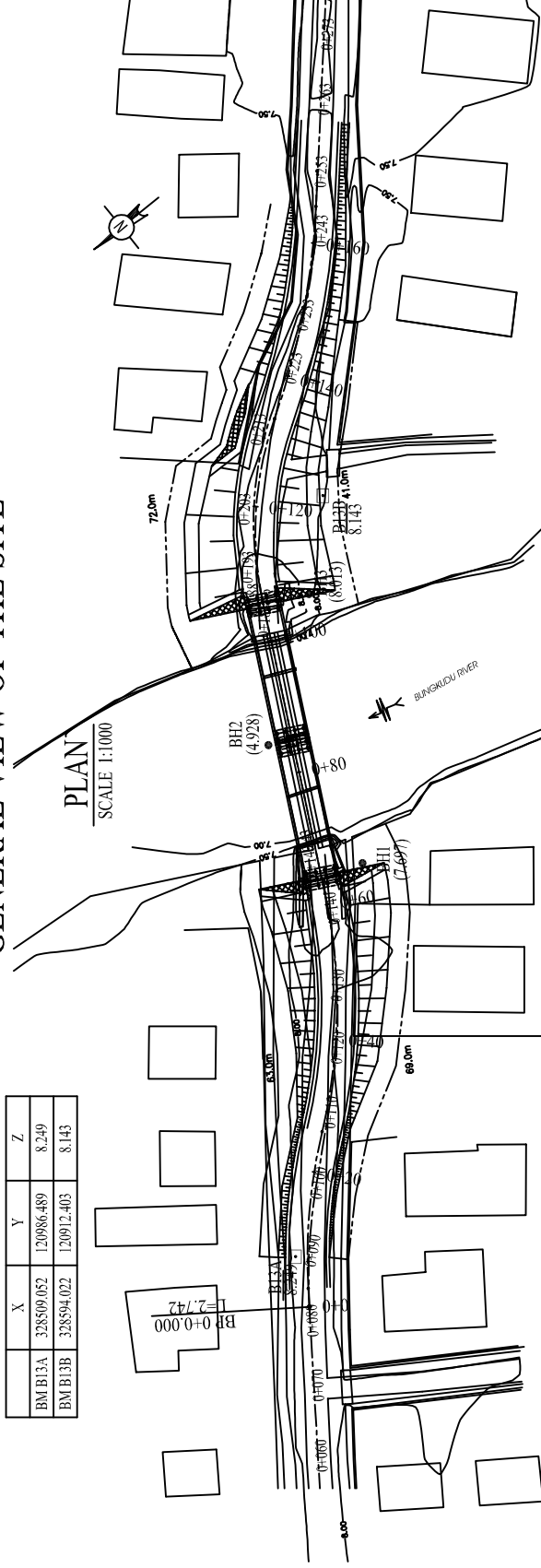
DESIGN CRITERIA

General Condition		
Design Live Load	"D" Lane Load	
Design Speed	V=40km/h	
Bridge Length(Span Length)	60.00m(2@29.34m)	
Longitudinal Gradient	8.0%, -8.0%	
Cross-fall of Carriage way	2.00%	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Reinforced Concrete	
Foundation Type	Steel Pipe Pile $\phi 40\text{cm}$	
Material Strength		
Super Structure Type	Girder	$\sigma 28=34.6\text{N/mm}^2$
	Cross Beam	$\sigma 28=29\text{N/mm}^2$
	Slab	$\sigma 28=29\text{N/mm}^2$
Surface	Curb, Handrail	$\sigma 28=21\text{N/mm}^2$
Sub Structure Type	$\sigma 28=21\text{N/mm}^2$	
Reinforcing Steel	SD235($p_y=235\text{N/mm}^2$)	

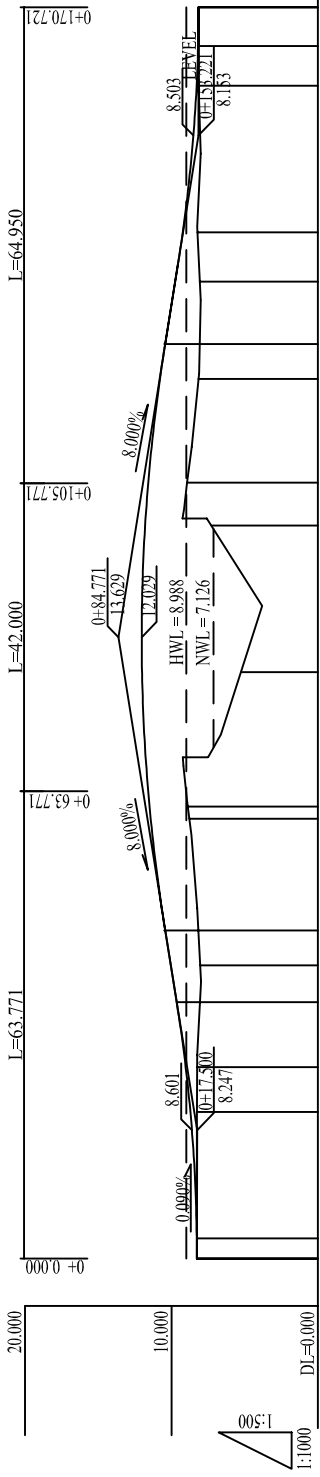
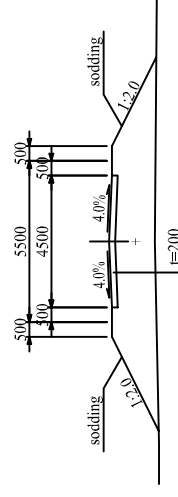
BR.NO.B13 BUNGKUDO I GENERAL VIEW OF THE SITE

SECTION	SCALE	DRAWING NO.	SHEET NO.
DRAWING TITLE		BR.NO.B13 BUNGKUDO I GENERAL VIEW OF THE SITE	20/08/29

	X	Y	Z
BM/B13A	328509.052	120906.489	8.249
BM/B13B	328594.022	120912.403	8.143



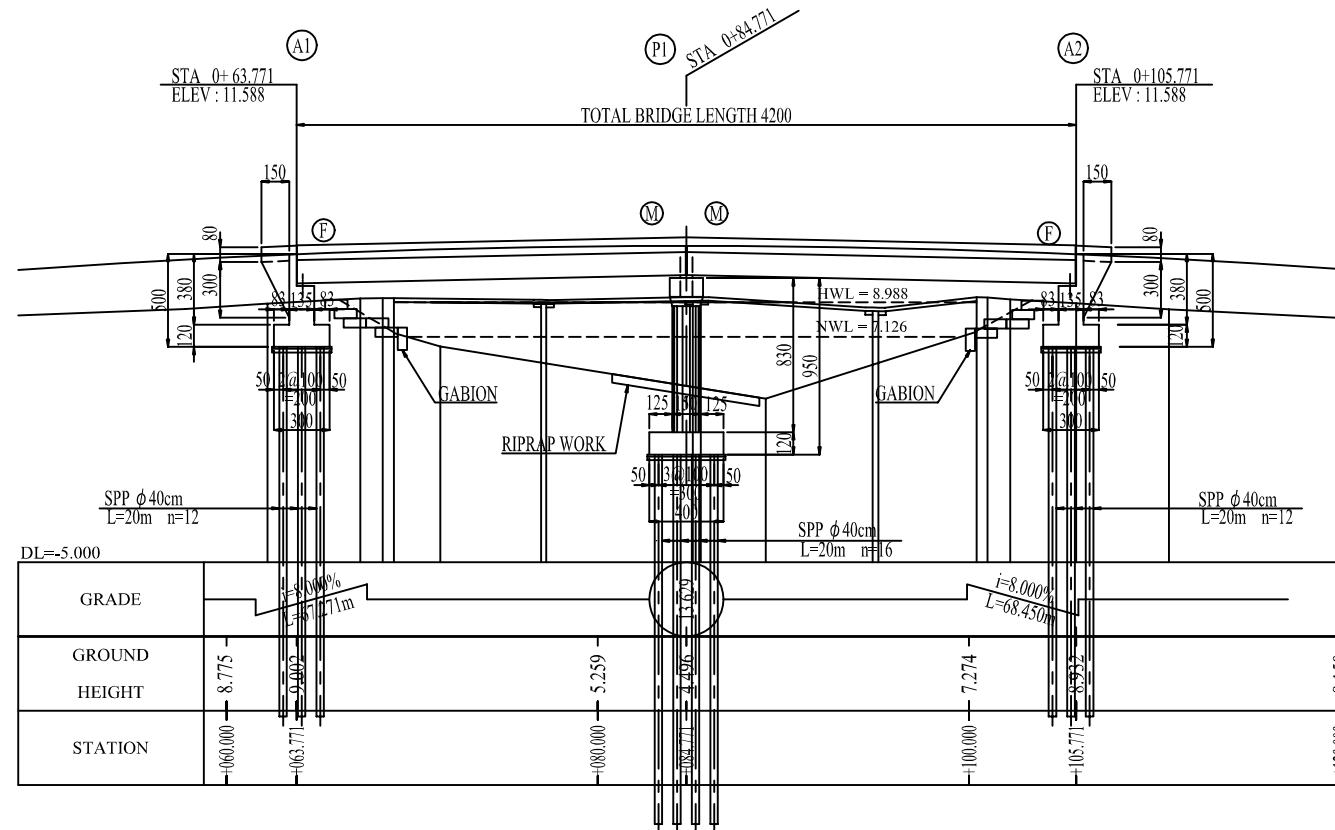
PROFILE
SCALE V=1:500
H=1:1000



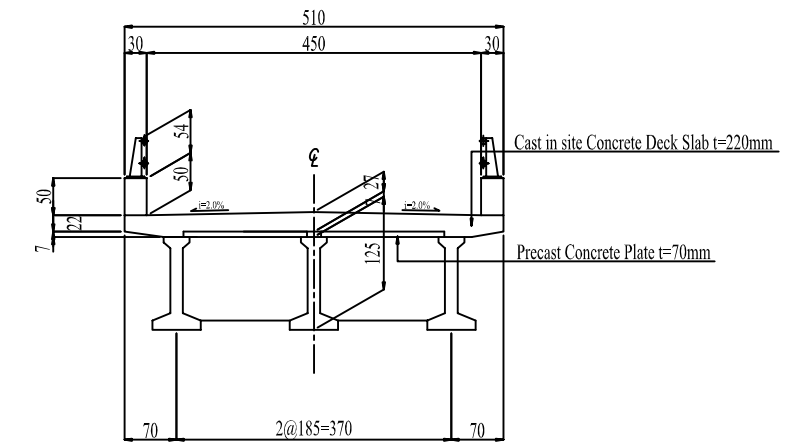
GROUND HEIGHT	STATION
8.153	+170.721
8.151	+165.442
8.139	+160.000
8.038	+153.221
8.219	+140.000
8.061	+133.298
8.150	+120.000
8.927	+105.850
7.274	+100.000
4.96	+84.771
5.259	+80.000
8.882	+61.668
8.775	+60.000
8.032	+40.000
8.032	+40.000
8.247	+26.117
8.256	+20.000
8.260	+17.500
8.263	+02.742
8.263	NO.0
8.153	+170.721

BR.NO.B13 BUNGKUDO I GENERAL VIEW OF THE BRIDGE

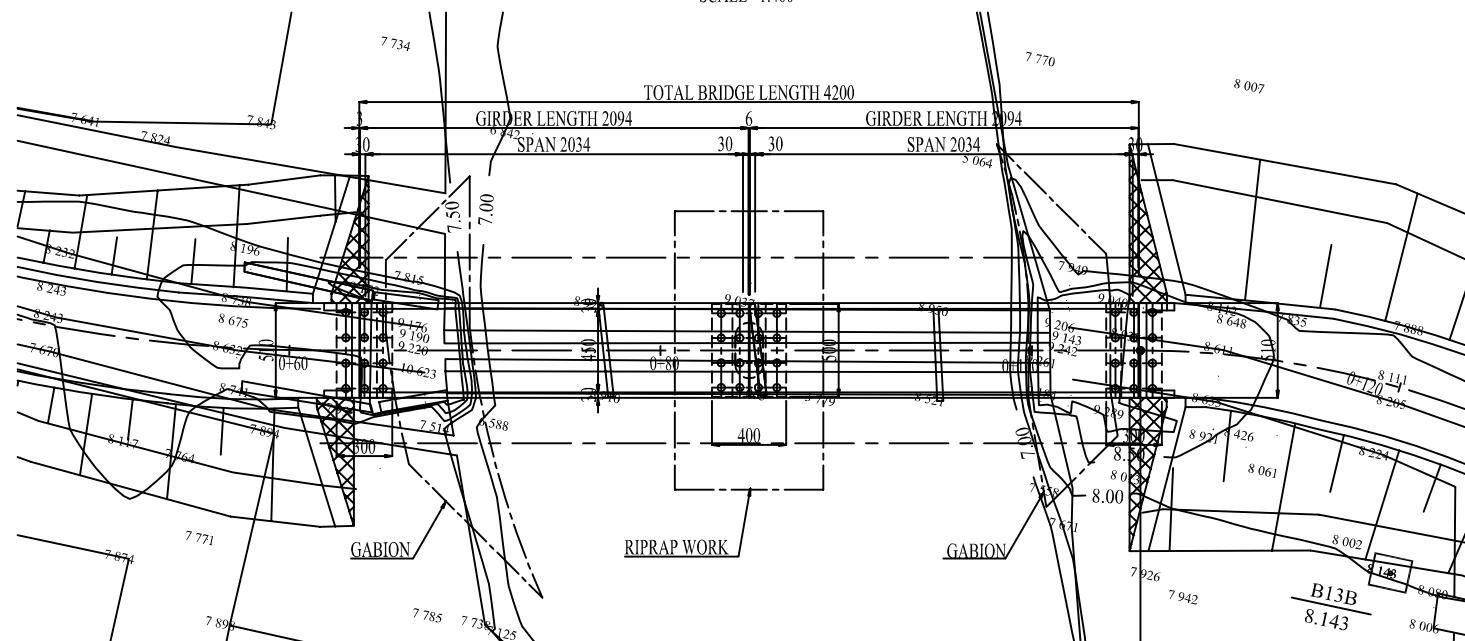
PROFILE
SCALE 1:400



CROSS SECTION FOR RC GIRDER
SCALE 1:100



PLAN
SCALE 1:400

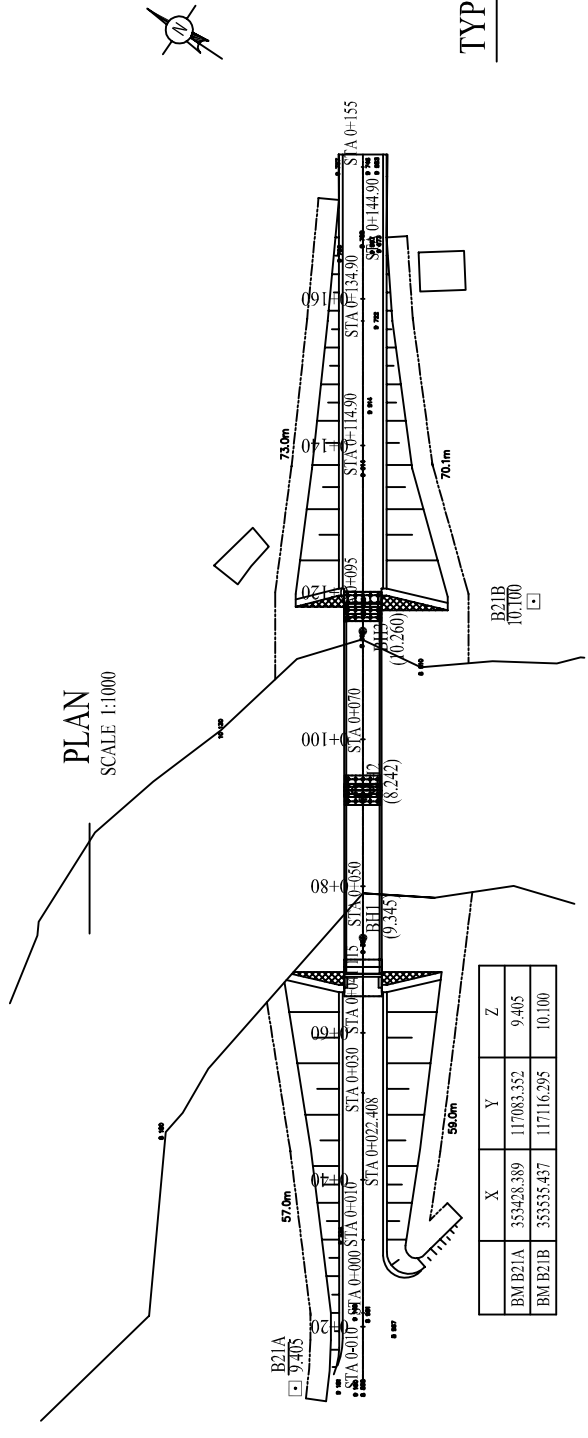


DESIGN CRITERIA

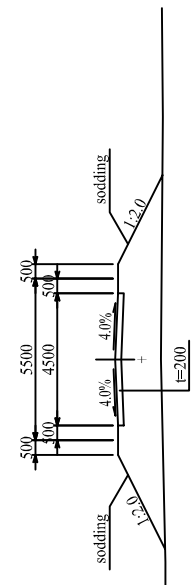
General Condition		
Design Live Load	"D" Lane Load	
Design Speed	V=40km/h	
Bridge Length(Span Length)	42.00m(2@20.34m)	
Longitudinal Gradient	8.0%, -8.0%	
Cross-fall of Carriage way	2.00%	
Super Structure Type	Prestressed Concrete	
Sub Structure Type	Reinforced Concrete	
Foundation Type	Steel Pipe Pile ϕ 40cm	
Material Strength		
Super Structure Type	Girder	$\sigma_{28}=34.6\text{N/mm}^2$
	Cross Beam	$\sigma_{28}=29\text{N/mm}^2$
	Slab	$\sigma_{28}=29\text{N/mm}^2$
Surface	Curb, Handrail	$\sigma_{28}=21\text{N/mm}^2$
Sub Structure Type	$\sigma_{28}=21\text{N/mm}^2$	
Reinforcing Steel	SD235($p_y=235\text{N/mm}^2$)	

BR.NO.B21 MATINAN GENERAL VIEW OF THE SITE

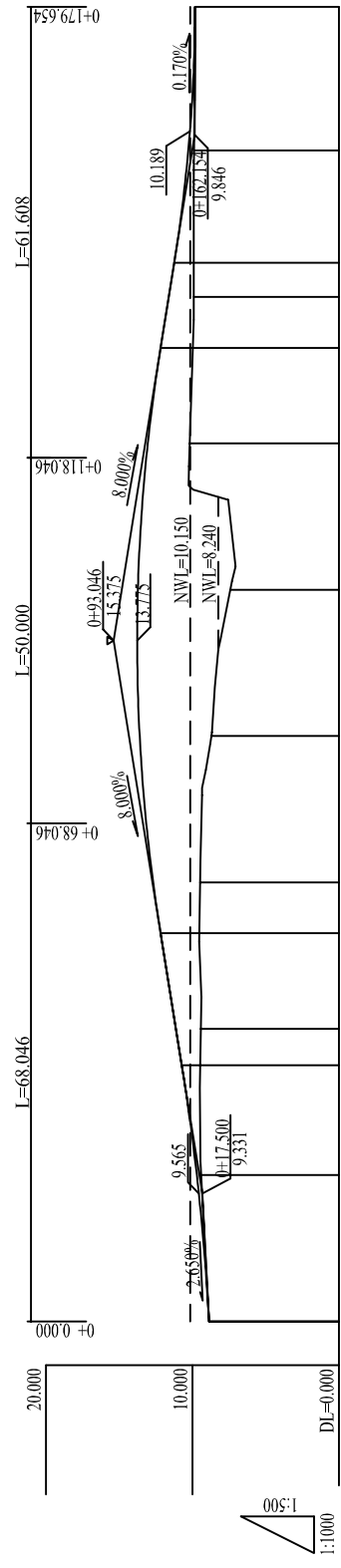
SECTION	DRAWING NO.	SHEET NO.
DRAWING TITLE	BR.NO.B21 MATINAN GENERAL VIEW OF THE SITE	21 OF 29



TYPICAL CROSS SECTION
SCALE 1:250



PROFILE
SCALE V=1:500
H=1:1000



	X	Y	Z
BM B21A	355428.389	117083.352	9.405
BM B21B	355353.437	117116.295	10.100

GROUND HEIGHT	STATION
9.816	9.816
+162.154	9.870
+160.000	9.886
+140.000	9.913
+120.000	10.185
+100.000	7.409
+93.046	8.109
+80.000	8.708
+60.000	9.478
+40.000	9.423
+20.000	9.396
+17.500	9.329
0.000	8.867