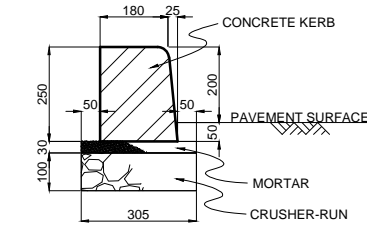
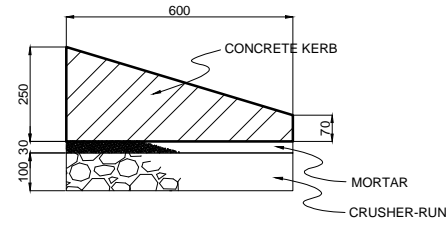


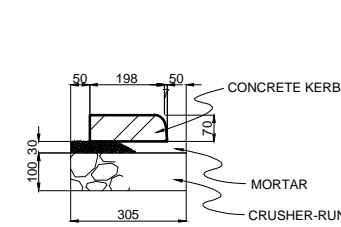
DETAILS OF KERB SCALE = 1:20



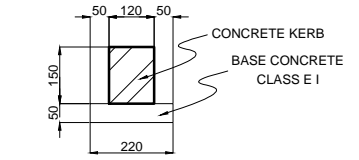
CONCRETE KERB TYPE A-1



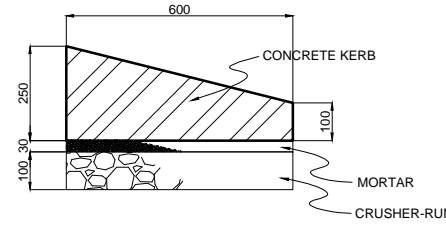
CONCRETE KERB TYPE A-2
TRANSITION BLOCK BETWEEN
TYPE A-1 AND TYPE A-3



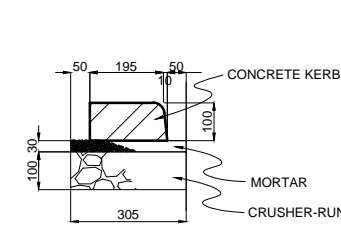
CONCRETE KERB TYPE A-3



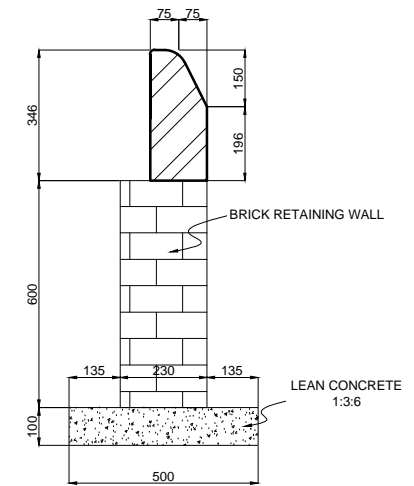
CONCRETE KERB TYPE C



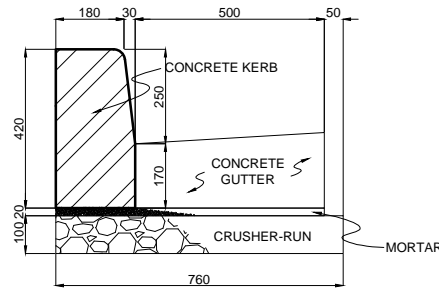
CONCRETE KERB TYPE A-4
TRANSITION BLOCK BETWEEN
TYPE A-1 AND TYPE A-5



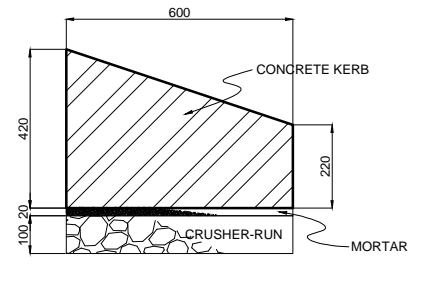
CONCRETE KERB TYPE A-5



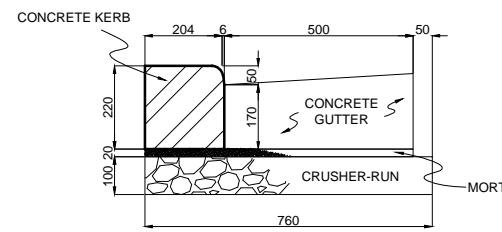
CONCRETE KERB TYPE D



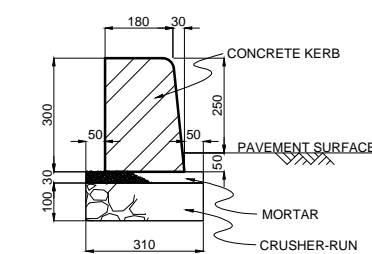
CONCRETE KERB TYPE B-1



CONCRETE KERB TYPE B-2
TRANSITION BLOCK BETWEEN
TYPE B-1 AND TYPE B-3



CONCRETE KERB TYPE B-3



CONCRETE KERB TYPE E

MATERIAL LIST (QUANTITIES PER 10 M)

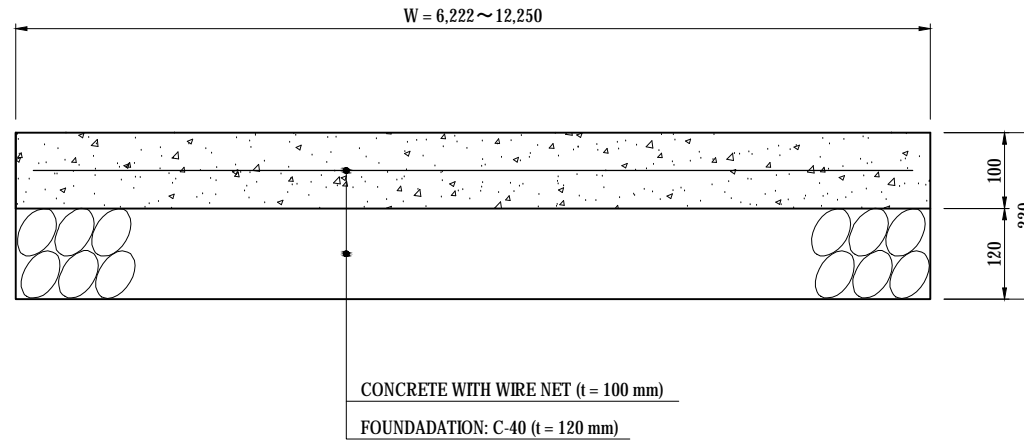
TYPE	A-1	A-2	A-3	A-4	A-5	B-1	B-2	B-3
DIMENSION	180/205×H250×L600	180/205×H250 198/205×H70 ×L600	198/205×H70×L600	180/205×H250 195/205×H100 ×L600	195/205×H100×L600	180/210×H420×L600	180/210×H420 204/210×H220 ×L600	204/210×H220×L600
CONCRETE	CLASS E I	CLASS E I	CLASS E I	CLASS E I	CLASS E I	CLASS E I	CLASS E I	CLASS E I
MORTAR (1:3)	0.0915 m ³	0.0915 m ³	0.0915 m ³	0.0915 m ³	0.0915 m ³	0.142 m ³	0.142 m ³	0.142 m ³
CRUSHER-RUN	0.305 m ³	0.305 m ³	0.305 m ³	0.305 m ³	0.305 m ³	0.760 m ³	0.760 m ³	0.760 m ³
GUTTER CONCRETE	-	-	-	-	-	0.925 m ³	0.925 m ³	0.925 m ³

MATERIAL LIST (QUANTITIES PER 10 M)

TYPE	C	D	E
DIMENSION	120×H150×L600	75/150×H346×L600	180/210×H300×L600
CONCRETE	CLASS E I	CLASS E I	CLASS E I
MORTAR (1:3)	-	-	-
CRUSHER-RUN	-	-	0.093 m ³
BASE CONCRETE	0.110 m ³	-	0.310 m ³
LEAN CONCRETE	-	0.500 m ³	-
BRICK	-	1.380 m ³	-

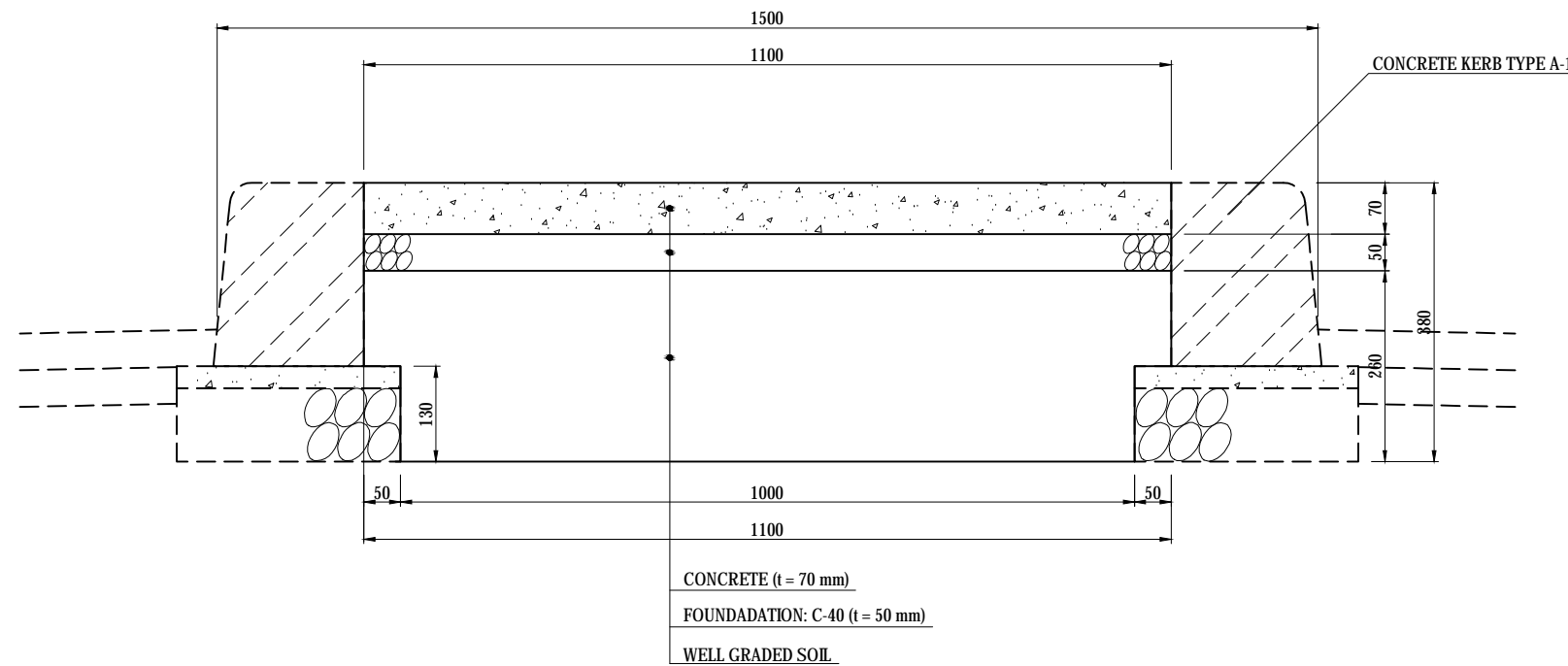
DETAILS OF CONCRETE SEAL S=1:10

NOTE
1. SPECIFICATION OF PLAIN CONCRETE SHOULD BE CLASS EI



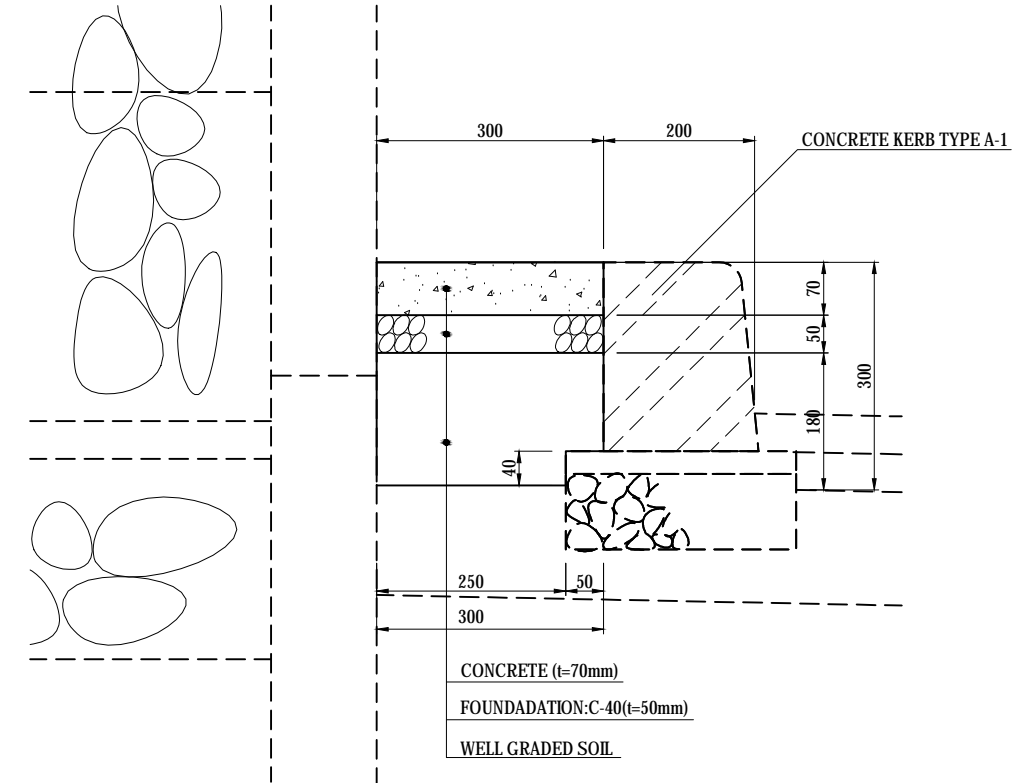
QUANTITY		PER 100 M
TITLE	SPECIFICATION	QUANTITY
CONCRETE	% Bha zhi +S	100.00 A
WIRE NET		100.00 A
FOUNDATION	t = 120	100.00 A

**CONCRETE SEAL (t = 100 mm)
UNDER FLYOVER SECTION**



**MEDIAN TYPE C (t = 70 mm)
EARTHWORK SECTION**

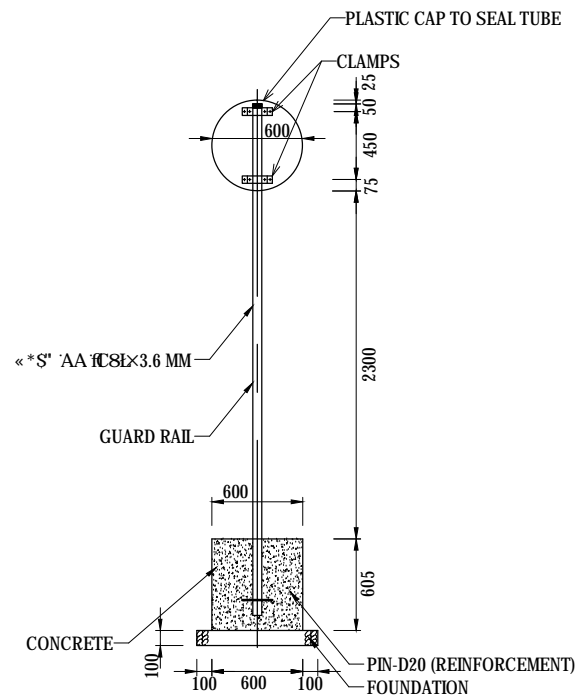
QUANTITY		PER 100 M
TITLE	SPECIFICATION	QUANTITY
CONCRETE	% Bha zhi +S	7.70 M
FOUNDATION	t = 50	110.00 M
WELL GRADED SOIL		27.30 M



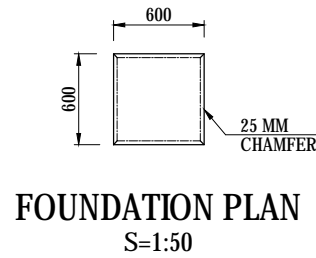
**MEDIAN TYPE B (t = 70 mm)
MECHANICALLY STABILISED EARTH WALL/GRAVITY WALL SECTION**

QUANTITY		PER 100 M
TITLE	SPECIFICATION	QUANTITY
CONCRETE	% Bha zhi +S	2.10 M
FOUNDATION	t = 50	30.00 M
WELL GRADED SOIL		5.20 M

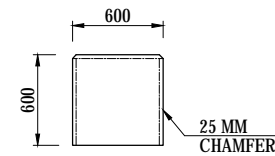
DETAIL OF SIGNBOARD FOUNDATION AND POST



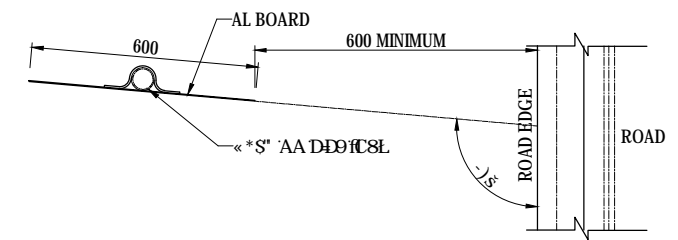
SIGN POST
S=1:50



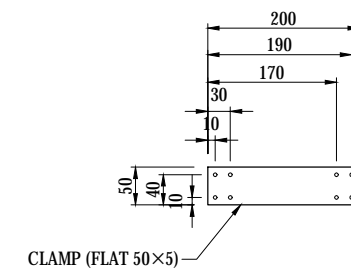
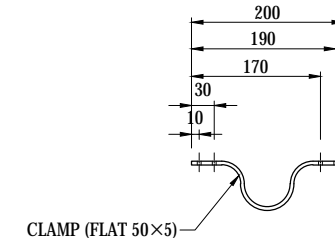
FOUNDATION PLAN
S=1:50



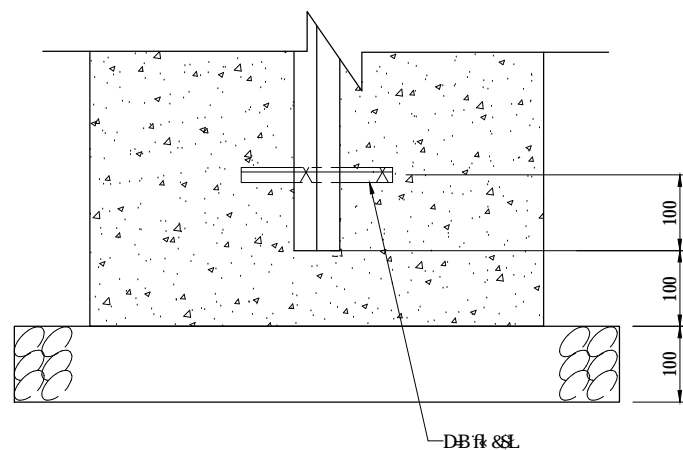
FOUNDATION ELEVATION
S=1:50



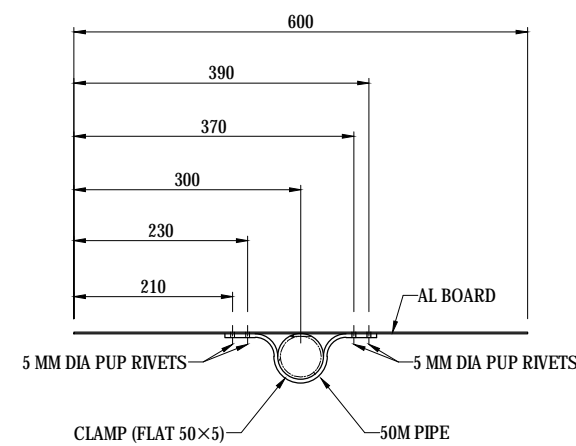
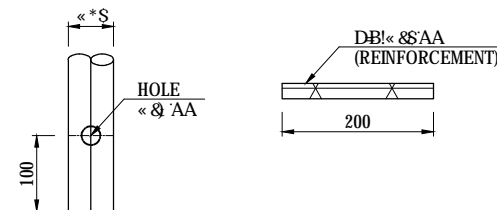
**TOP VIEW
PLAN OF SIGN BOARD**
S=1:20



CLAMP DETAILS-2
S=1:10



DETAIL OF "A"
S=1:10



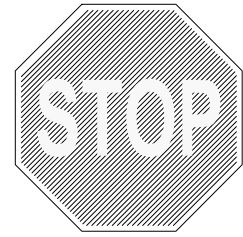
CLAMP DETAILS-1
S=1:10

QUANTITY		PER 10 EACH	
TITLE	SPECIFICATION	QUANTITY	DESCRIPTION
SIGNBOARD	ALMINIUM: t = 2.0 MM	10 EACH	WIDE-ANGLE PRISM TYPE
POST	60.3x3380x3.6	10 EACH	COATING SPECIFICATION
CONCRETE	E I	«& A	
FOUNDATION	t = 100	*(S A	
FORM		%) & A	

NOTE
1. SPECIFICATION OF PLAIN CONCRETE SHOULD BE CLASS EI

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF SIGNBOARD FOUNDATION AND POST	PACKAGE	
				PREPARED BY	K. TACHIBANA			15 JUNE 2017	DWG No.
				CHECKED BY	T. HAYAKAWA			20 JUNE 2017	P2-RD-6010
				APPROVED BY	Y. SANO			21 JUNE 2017	

DETAIL OF SIGNBOARD



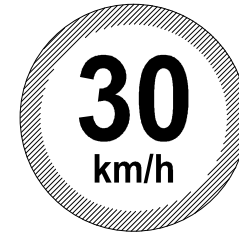
TS-1
STOP
ပုံစံအမျိုးအမည်



TS-2
SPEED LIMIT 60 KM/H
SIZE: 600 MM DIAMETER



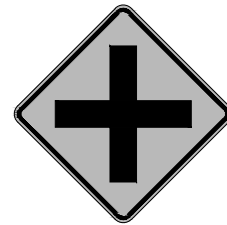
TS-3
SPEED LIMIT 40 KM/H
SIZE: 600 MM DIAMETER



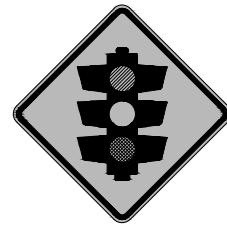
TS-4
SPEED LIMIT 30 KM/H
SIZE: 600 MM DIAMETER



TS-5
NO U-TURN
SIZE: 600 MM DIAMETER



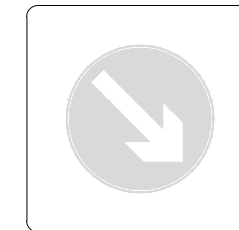
TS-6
CROSS ROAD
ပုံစံအမျိုးအမည်



TS-7
TRAFFIC SIGNAL
ပုံစံအမျိုးအမည်



TS-8
PEDESTRIAN CROSSING
ပုံစံအမျိုးအမည်



TS-9
KEEP RIGHT (THIS WAY)
ပုံစံအမျိုးအမည်



TS-10
SLOW DOWN
ပုံစံအမျိုးအမည်



TS-11
SCHOOL ZONE
ပုံစံအမျိုးအမည်



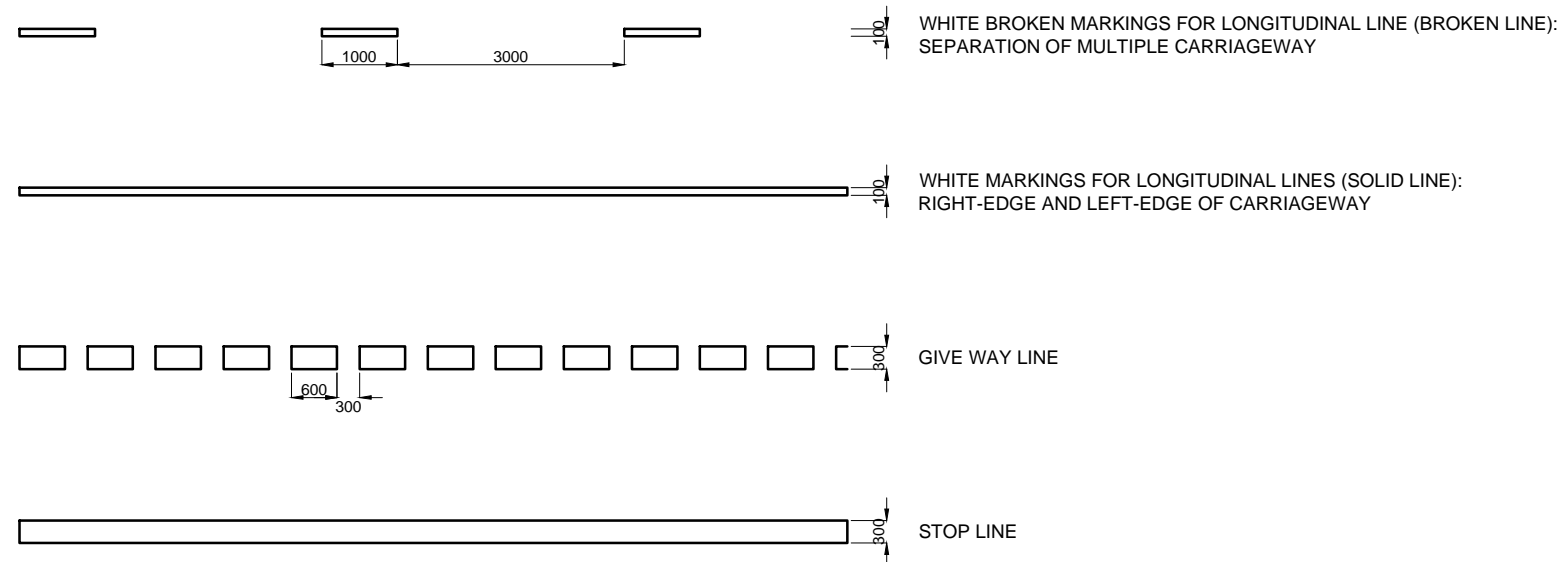
TS-12
REVERSE TURN (RIGHT)
ပုံစံအမျိုးအမည်



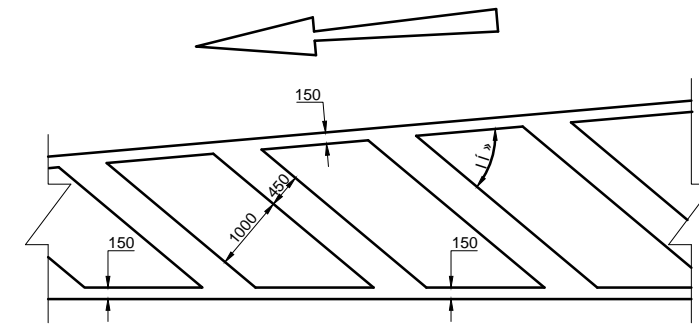
TS-13
REVERSE TURN (LEFT)
ပုံစံအမျိုးအမည်

COLORS: BLACK RED YELLOW GREEN WHITE LIGHT BLUE

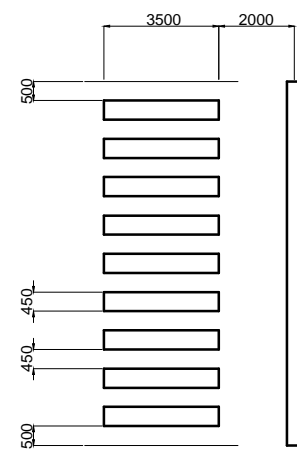
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE			
				PREPARED BY	K. TACHIBANA				15 JUNE 2017	DETAIL OF SIGNBOARD	2
				CHECKED BY	T. HAYAKAWA				20 JUNE 2017		DWG No.
				APPROVED BY	Y. SANO				21 JUNE 2017		P2-RD-6020



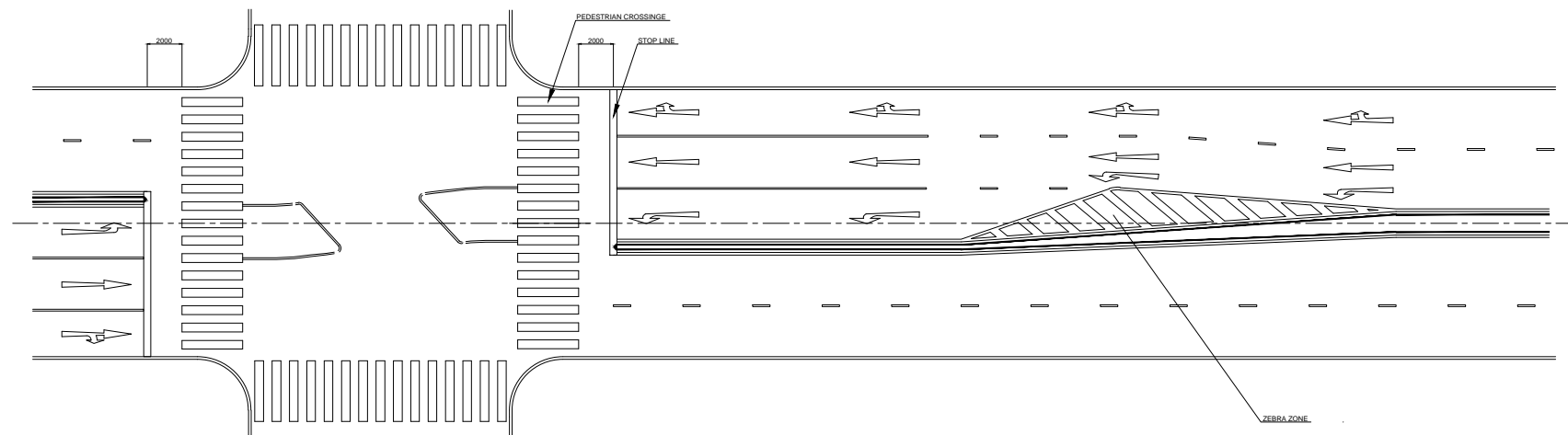
LINE MARKINGS SCALE = 1:100



ZEBRA ZONE SCALE = 1:100

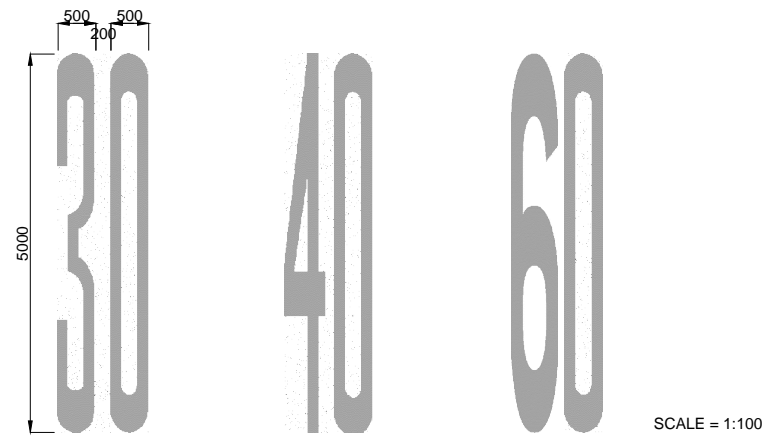


DETAILED ARRANGEMENT OF PEDESTRIAN CROSSING AND STOP LINE SCALE = 1:200

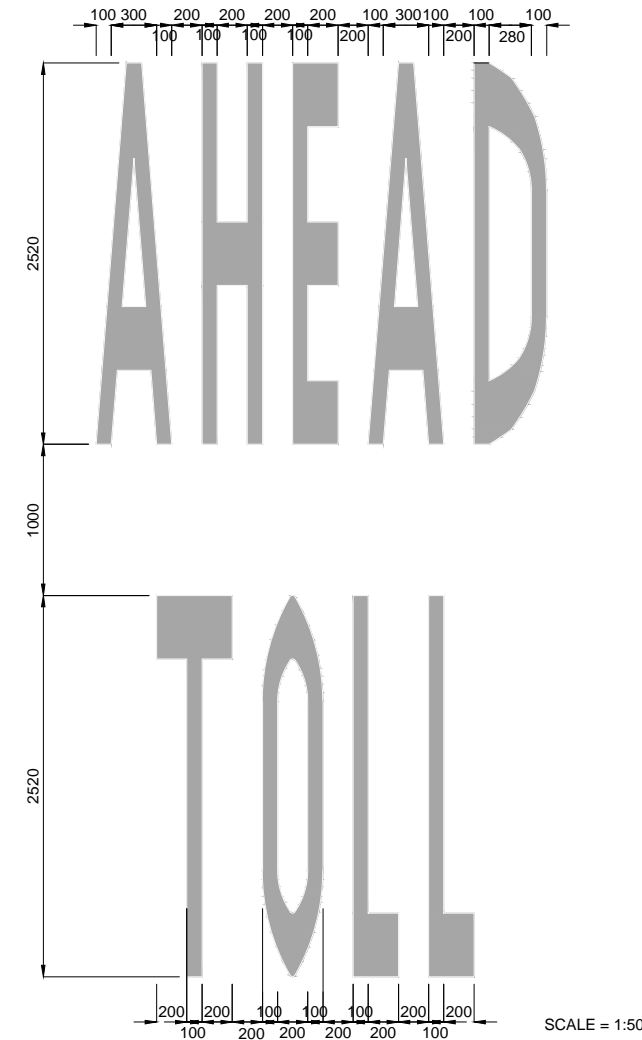


PAVEMENT MARKINGS AT CROSS ROAD NO SCALE

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM 	NAME	SIGNATURE	DATE	DRAWING TITLE ROAD MARKING DETAILS (1)	PACKAGE	
				PREPARED BY	K. TACHIBANA			15 JUNE 2017	2
				CHECKED BY	T. HAYAKAWA			20 JUNE 2017	DWG No.
				APPROVED BY	Y. SANO			21 JUNE 2017	P2-RD-6080

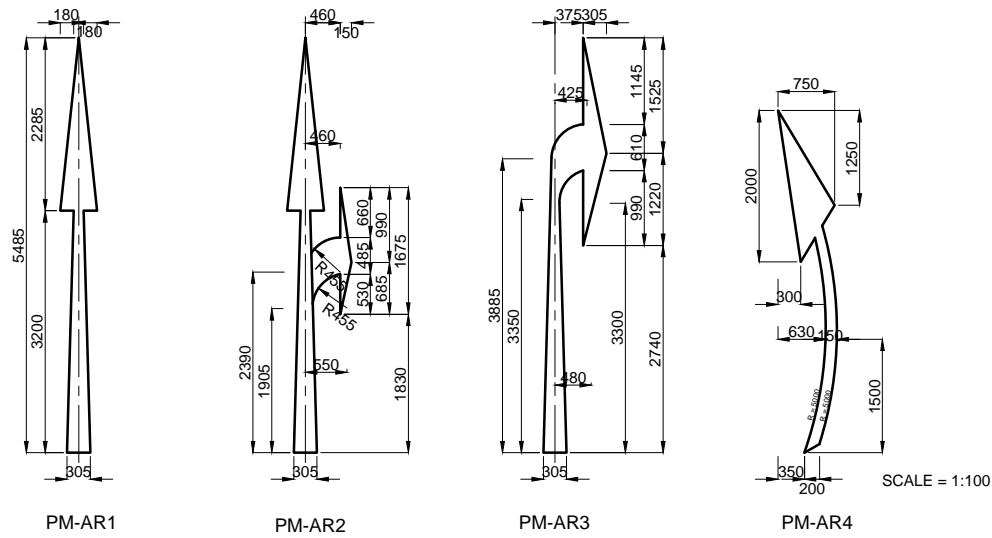


PM-1 SPEED LIMIT 30 KM/H PM-2 SPEED LIMIT 40 KM/H PM-3 SPEED LIMIT 60 KM/H



PM-4 TOLL AHEAD

REFERENCE SHALL BE MADE TO DRAWING NO. PWD(RD)/SD91/20-1, ROAD AND TRANSPORTATION DIVISION, PUBLIC WORKS DEPARTMENT

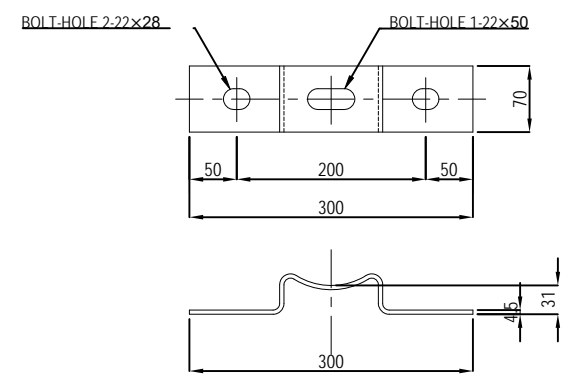
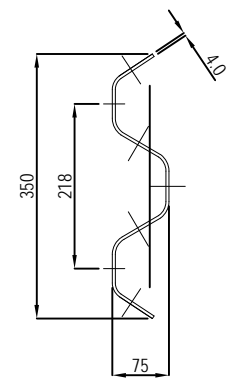
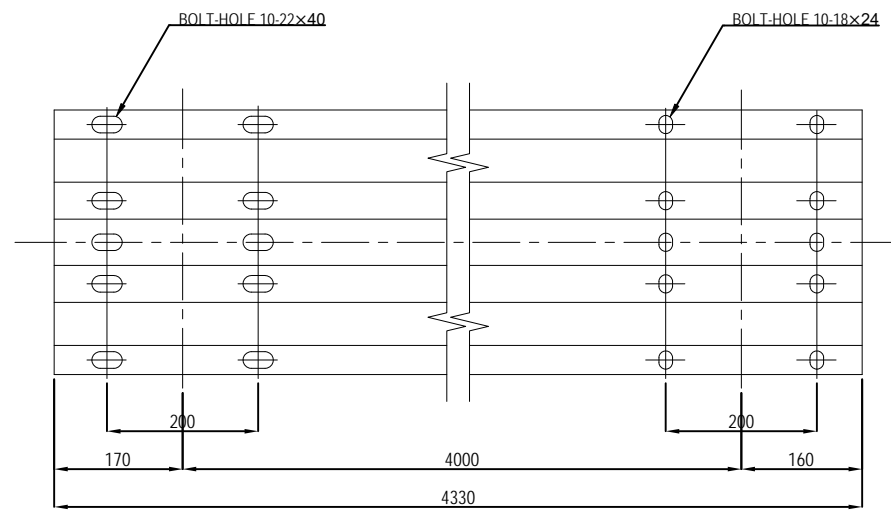
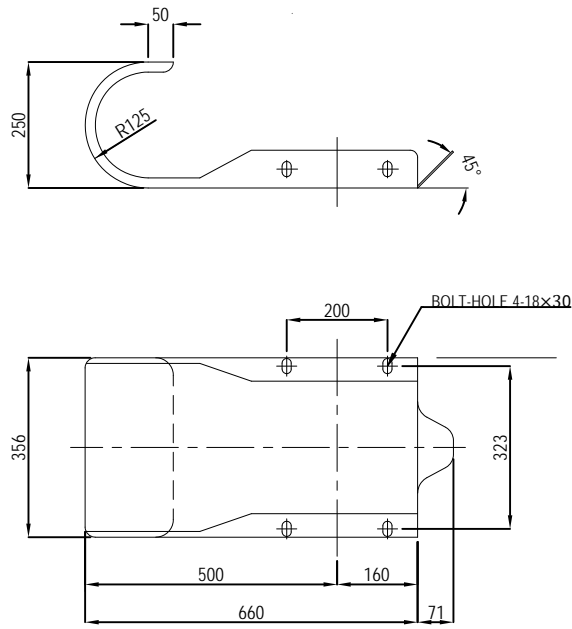
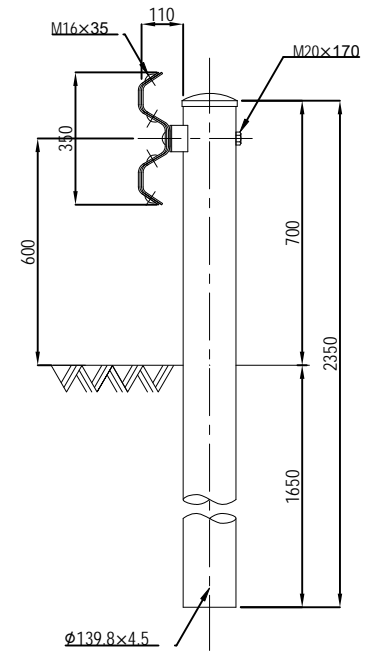
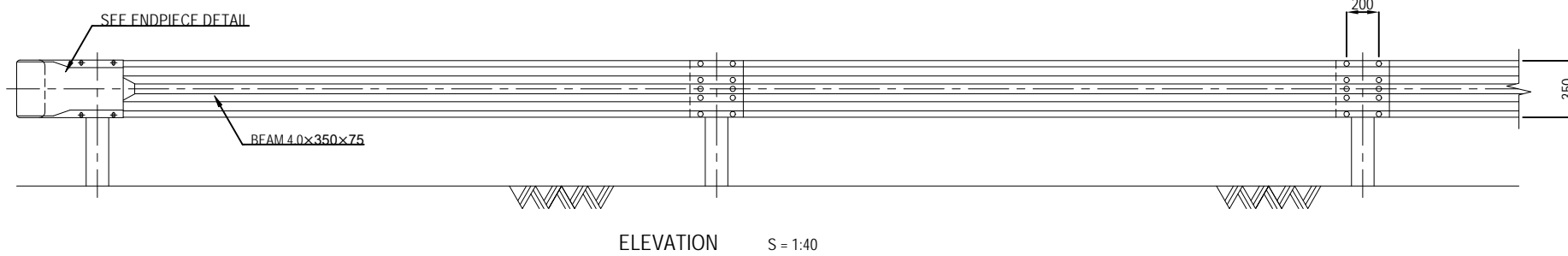
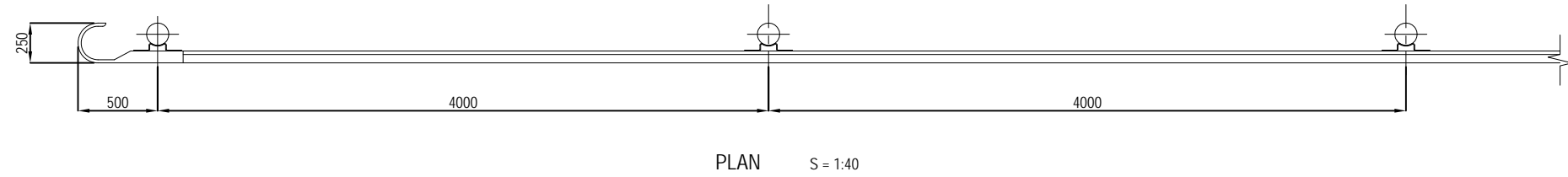


ARROW MARKS
REFERENCE SHALL BE MADE TO DRAWING NO. PWD(RD)/SD91/8-2 ROAD AND TRANSPORTATION DIVISION, PUBLIC WORKS DEPARTMENT

COLORS: WHITE ORANGE

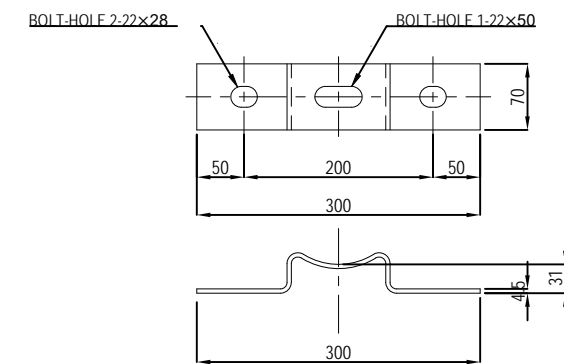
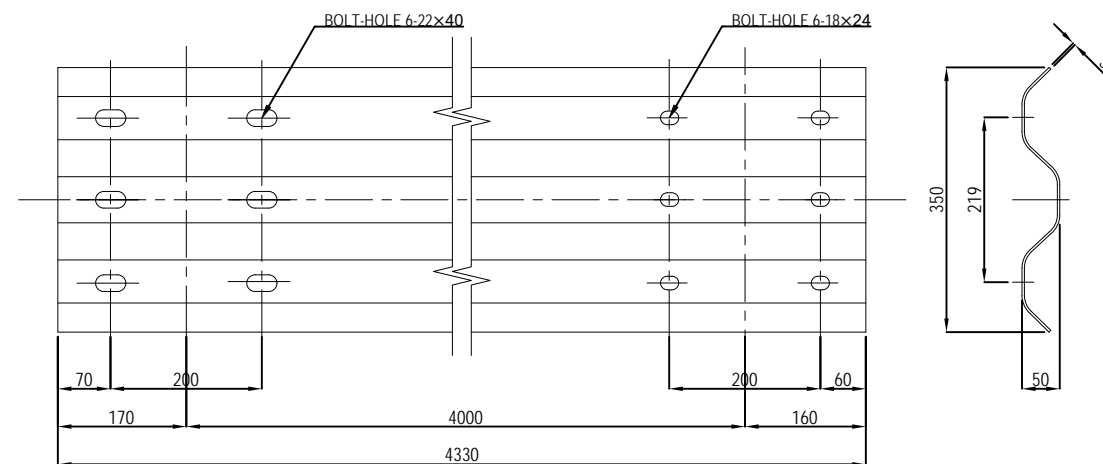
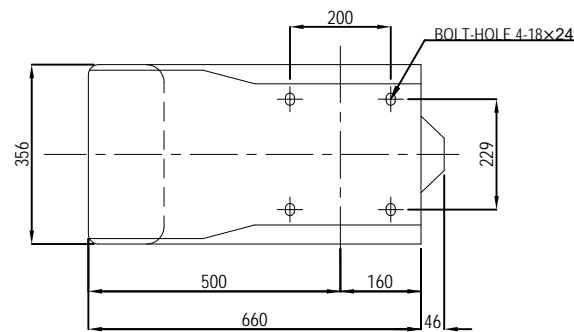
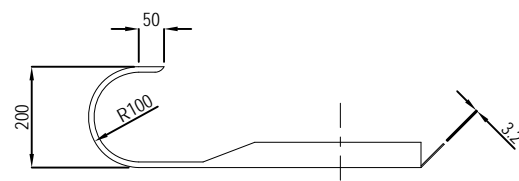
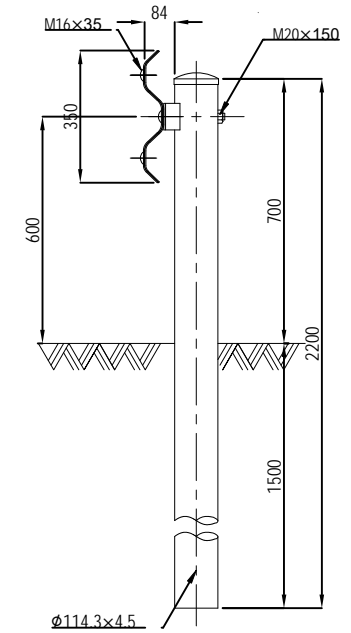
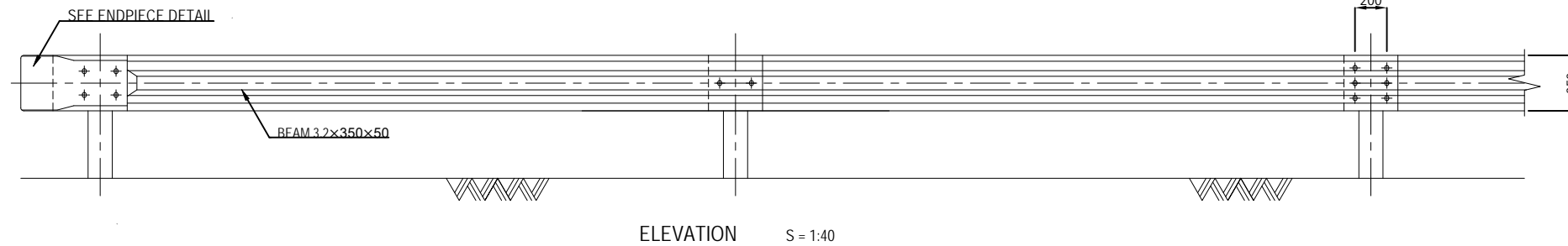
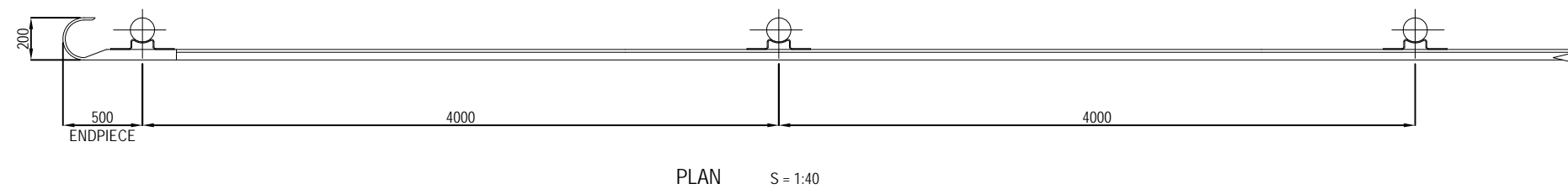
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM 	NAME	SIGNATURE	DATE	DRAWING TITLE ROAD MARKING DETAILS (2)	PACKAGE	
				PREPARED BY	K. TACHIBANA			15 JUNE 2017	2
				CHECKED BY	T. HAYAKAWA			20 JUNE 2017	DWG No.
				APPROVED BY	Y. SANO			21 JUNE 2017	P22-RD-6090

GUARDRAIL TYPE-A (GR-A)



<small>PROJECT NAME</small> DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	<small>FINANCED BY</small> JAPAN INTERNATIONAL COOPERATION AGENCY	<small>COUNTERPART</small> REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	<small>JICA STUDY TEAM</small> NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>E. YOKOTA</td> <td></td> <td>15 JUNE 2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 JUNE 2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 JUNE 2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	E. YOKOTA		15 JUNE 2017	CHECKED BY	T. HAYAKAWA		20 JUNE 2017	APPROVED BY	Y. SANO		21 JUNE 2017	<small>DRAWING TITLE</small> DETAILS OF GUARDRAIL (1) TYPE-A	<small>PACKAGE</small> 2 DWG No. P2-RD-6100
	NAME	SIGNATURE	DATE																			
PREPARED BY	E. YOKOTA		15 JUNE 2017																			
CHECKED BY	T. HAYAKAWA		20 JUNE 2017																			
APPROVED BY	Y. SANO		21 JUNE 2017																			

GUARDRAIL TYPE-B (GR-B)



PROJECT NAME
DETAILED DESIGN ON
BAGO RIVER BRIDGE
CONSTRUCTION PROJECT

FINANCED BY
jica JAPAN INTERNATIONAL
COOPERATION AGENCY

COUNTERPART
REPUBLIC OF THE UNION OF MYANMAR
MINISTRY OF CONSTRUCTION
DEPARTMENT OF BRIDGE

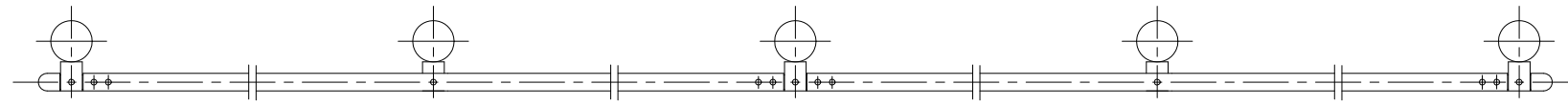
JICA STUDY TEAM
NIPPON KOEI CO., LTD.
ORIENTAL CONSULTANTS GLOBAL CO., LTD.
METROPOLITAN EXPRESSWAY COMPANY LIMITED
CHODAI CO., LTD.
NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	E. YOKOTA	<i>E. Yokota</i>	15 JUNE 2017
CHECKED BY	T. HAYAKAWA	<i>T. Hayakawa</i>	20 JUNE 2017
APPROVED BY	Y. SANO	<i>Y. Sano</i>	21 JUNE 2017

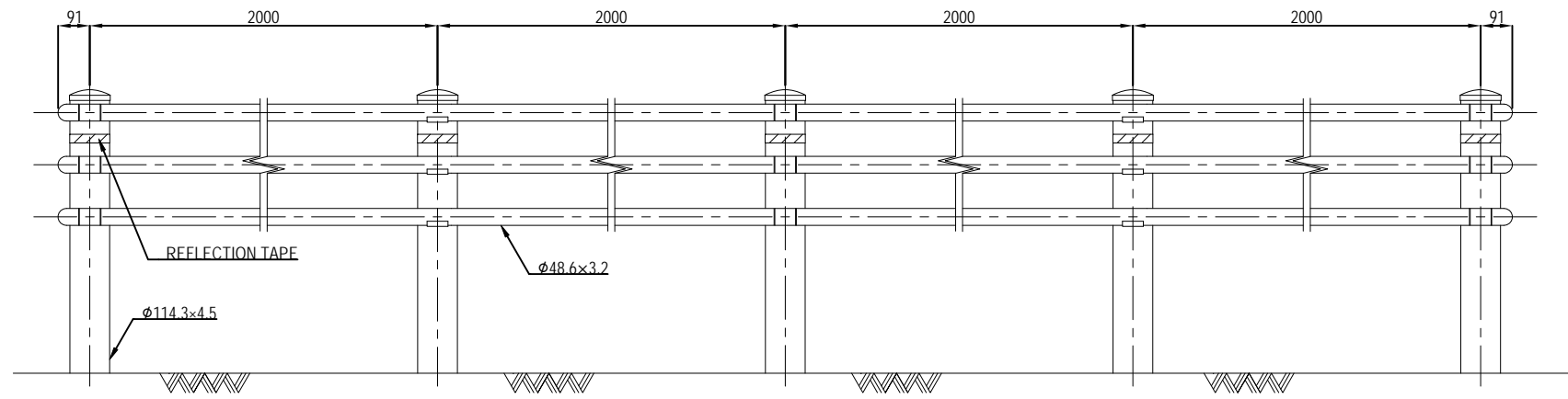
DRAWING TITLE
DETAILS OF GUARDRAIL (2)
TYPE-B

PACKAGE
2
DWG No.
P2-RD-6110

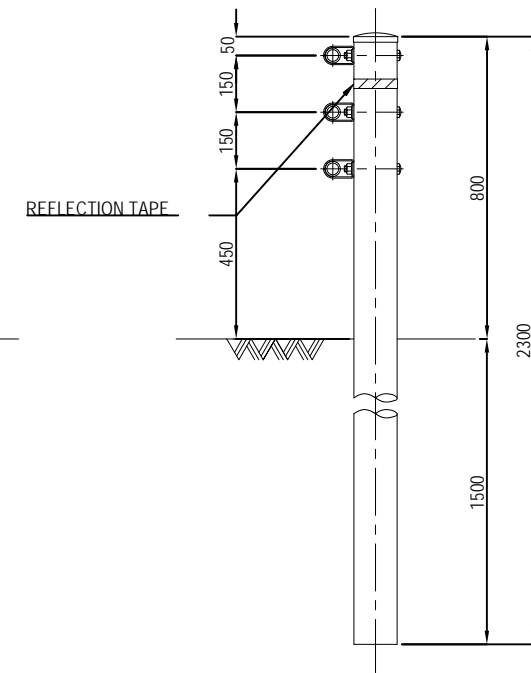
GUARD PIPE TYPE-A (GP-A)



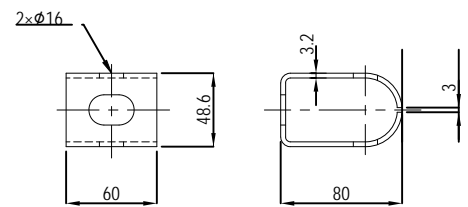
PLAN S = 1:20



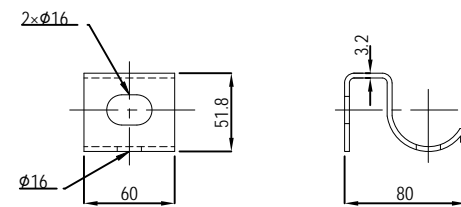
ELEVATION S = 1:20



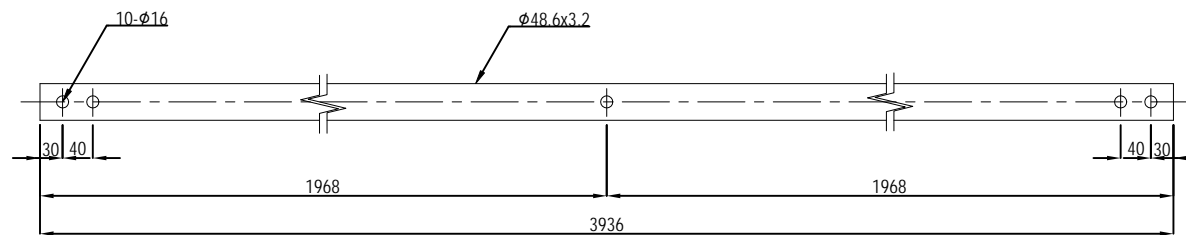
SECTION S = 1:20



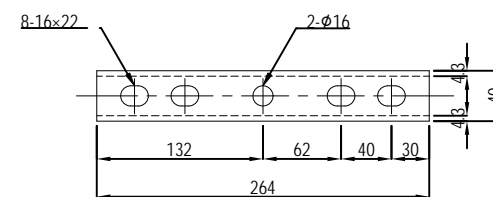
JOINT BLACKET S = 1:5



INTERMEDIATE BLACKET S = 1:5



GP-A BEAM S = 1:10



INNER SLEAVE S = 1:10

PROJECT NAME
DETAILED DESIGN ON
BAGO RIVER BRIDGE
CONSTRUCTION PROJECT

FINANCED BY
jica JAPAN INTERNATIONAL
COOPERATION AGENCY

COUNTERPART
REPUBLIC OF THE UNION OF MYANMAR
MINISTRY OF CONSTRUCTION
DEPARTMENT OF BRIDGE

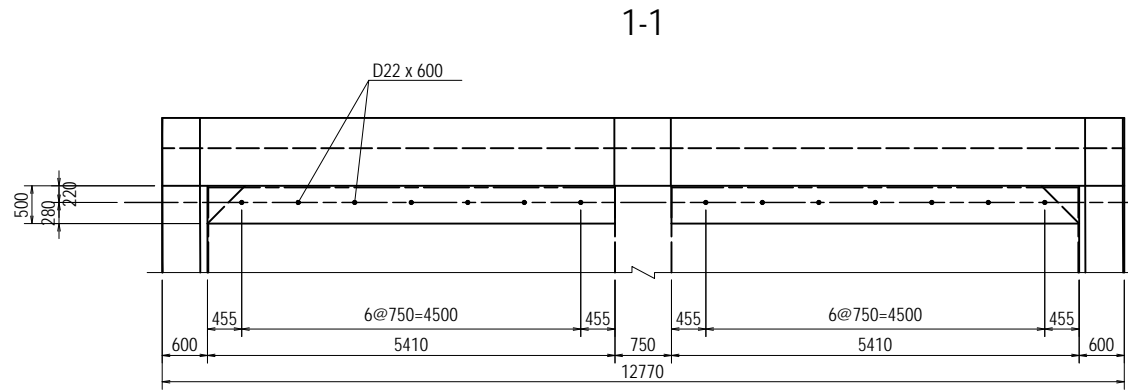
JICA STUDY TEAM
NIPPON KOEI CO., LTD.
ORIENTAL CONSULTANTS GLOBAL CO., LTD.
METROPOLITAN EXPRESSWAY COMPANY LIMITED
CHODAI CO., LTD.
NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	E. YOKOTA	<i>E. Yokota</i>	15 JUNE 2017
CHECKED BY	T. HAYAKAWA	<i>T. Hayakawa</i>	20 JUNE 2017
APPROVED BY	Y. SANO	<i>Y. Sano</i>	21 JUNE 2017

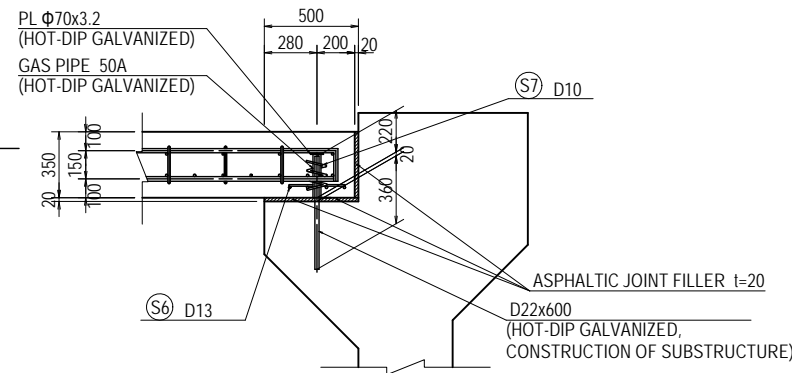
DRAWING TITLE
DETAILS OF GUARD PIPE
TYPE-A

PACKAGE
2
DWG No.
P2-RD-6120

APPROACH CUSHION SLAB (AF1) BAR ARRANGEMENT OF AF1 ABUTMENT S=1:100

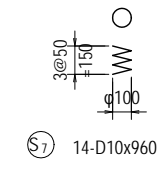
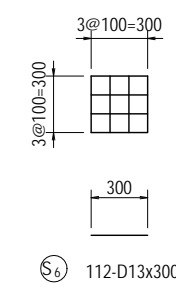
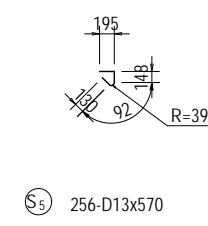
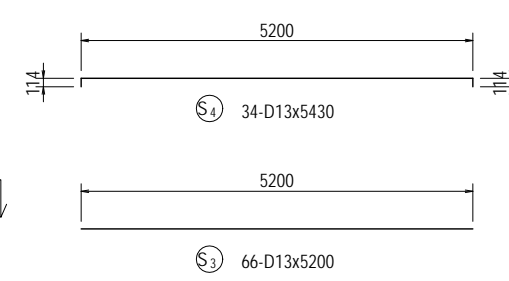
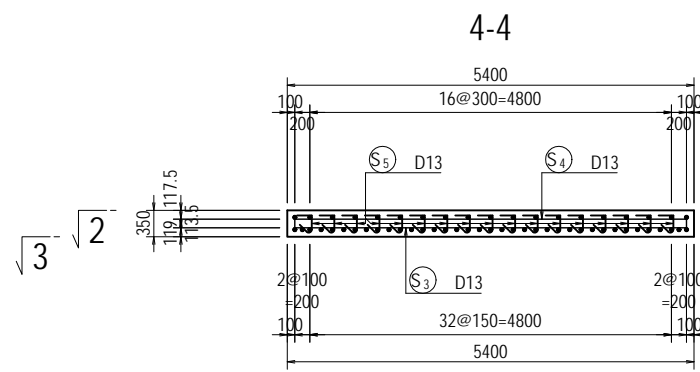
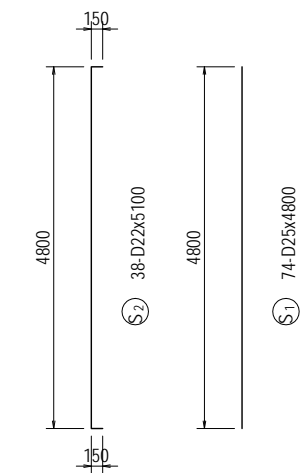
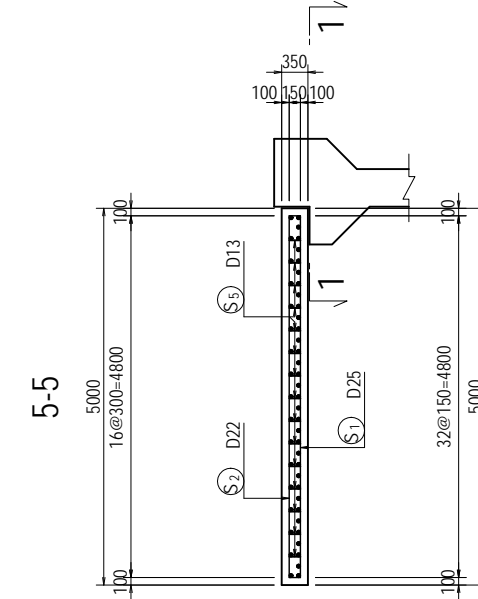
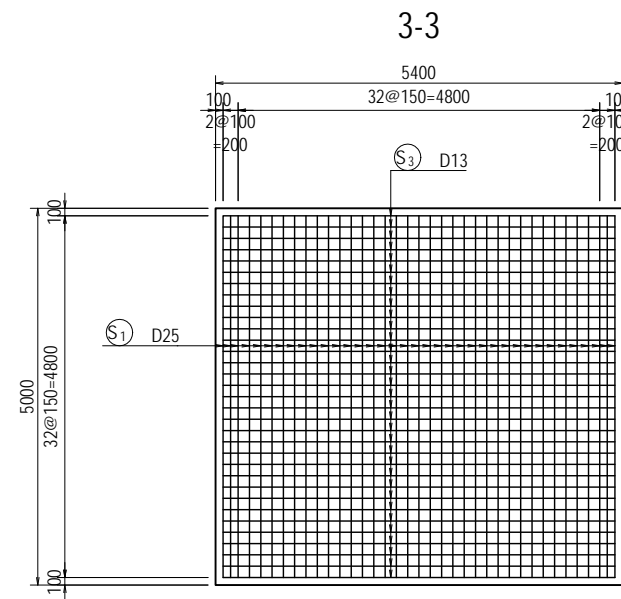
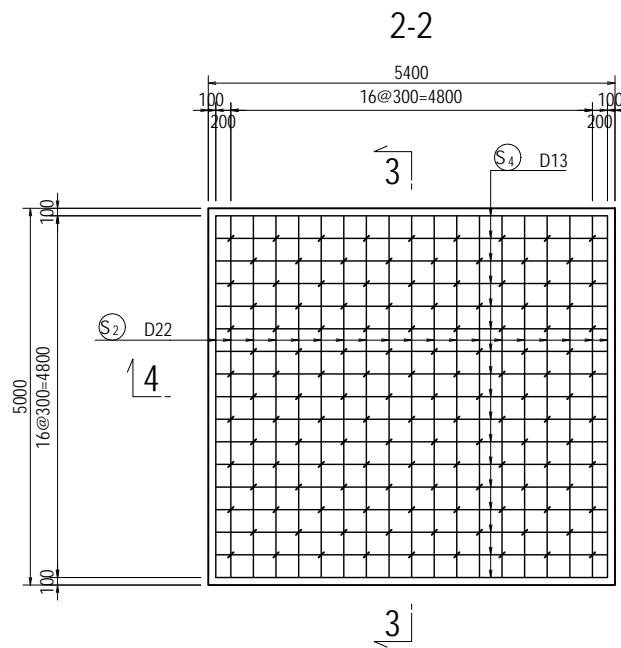


DETAIL OF PEDESTAL S=1:40



BAR LIST

REBAR NO.	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
S 1	D25	4800	74	3.98	19.10	1413	
S 2	D22	5100	38	3.04	15.50	589	
S 3	D13	5200	66	0.995	5.17	341	
S 4	D13	5430	34	0.995	5.40	184	
S 5	D13	570	256	0.995	0.57	146	
S 6	D13	300	112	0.995	0.30	34	
S 7	D10	960	14	0.56	0.54	8	
						D25	1413 kg
						D22	589 kg
						D13	705 kg
						D10	8 kg
						TOTAL	2715 kg
GAS PIPE 50A		230	14	5.31	1.22	17	
PL		Φ70x3.2	14		0.10	1	



(REFERENCE) QUANTITY TABLE OF ROAD (1)

Item	Description	Unit	Qty				
			Package2		Total		
			Main Road	Relocation Road			
Road Structures							
1. Earthworks	Excavation & Backfilling	Filling for Surcharge W>=4m	m3	48,516.300	-	48,516	
		Sand Mat for Surcharge W>=4m	m3	61,308.000	-	61,308	
		Filling W>=4m	Bulldozer	m3	37,398.800	-	37,399
		Filling W<4m		m3	1,014.800	213.106	1,228
		Cutting W>=4m	Bulldozer	m3	24,887.300	256.883	25,144
		Back Fill of Wall W>=4m		m3	5,171.300	-	5,171
	Trimming of Slope	Slope of Embankment		m2	2,527.354	-	2,527
		Cut Slope		m2	-	-	-
	Slope Protection	Sodding		m2	2,527.354	-	2,527
	2. Pavement	Main Road, On-ramp & Relocation Road to Existing Thanlyin Bridge	Subgrade course	t=1000mm	m2	-	-
Subbase course			Aggregate, t=500mm	m2	-	-	-
			t=350mm	m2	14,194.670	-	14,195
			t=300mm	m2	-	-	-
			t=250mm	m2	-	-	-
			t=150mm	m2	-	1,208.849	1,209
Base course			Aggregate, t=250mm	m2	9,291.960	-	9,292
			t=150mm	m2	-	1,153.091	1,153
Prime Coat				m2	9,498.770	1,153.091	10,652
Surface Base			Coarse asphalt concrete, t=50mm	m2	9,498.770	1,115.919	10,615
Binder course			Coarse asphalt concrete, t=50mm	m2	-	-	-
Tack Coat				m2	9,739.690	1,115.919	10,856
Surface course			Fine asphalt concrete, t=50mm	m2	9,739.690	1,115.919	10,856
Toll Plaza			Subgrade course	Aggregate, t=350mm	m2	4,127.200	-
		Subbase course	Aggregate, t=250mm	m2	-	-	-
		Base course	Aggregate, t=100mm	m2	4,127.200	-	4,127
		Concrete	t=250mm $\sigma_{ck}=24N/mm$	m2	3,581.350	-	3,581
			t=250mm $\sigma_{ck}=18N/mm$	m2	38.320	-	38
			Attainment section $\sigma_{ck}=24N/mm$	m3	90.280	-	90
		Metal Lath	D6, 15000x15000 (3.11kg/m2)	kg	10,400.180	-	10,400
		Steel Bar	SS400 $\phi 28$ (round bar)	kg	3,274.600	-	3,275
			SD345 D22	kg	2,364.410	-	2,364
			SD345 D13	kg	21,262.170	-	21,262
			Joint Filleer(bituminous material) t=25mm	m2	43.040	-	43
			Asphalt Emulsion	t	0.804	-	1
Star Sity Access Main Road		Sand Compacted	t=200mm	m2	-	-	-
		Hard Core with Sand	t=500mm	m2	-	-	-
		Plastic Sheet		m2	-	-	-
		Lean concrete 1:3:6	t=80mm	m2	-	-	-
		Concrete	t=200mm	m2	-	-	-
		STEEL MESH	$\phi 10 @ 150mm/c$	kg	-	-	-
		TRANSVERSE JOINT	PLAIN DOWEL BAR, $\phi 28$	kg	-	-	-
		LONGITUDINAL JOINT	DEFORMED TIE BAR, D22	kg	-	-	-
Star Sity Access Side Walk		Sand Compacted	t=300mm	m2	-	-	-
		Hard Core with compacted sand	t=200mm	m2	-	-	-
		Expose Aggregate Finished Footpath	t=75mm	m2	-	-	-
	Soil Aggregate: C-30	t=100mm	m2	-	362.674	363	
	Sand	t=30mm	m2	-	362.674	363	
	Precast Concrete Paving Block	t=60mm	m2	-	362.674	363	

(REFERENCE) QUANTITY TABLE OF ROAD (2)

Item	Description	Unit	Qty			
			Package2		Total	
			Main Road	Relocation Road		
3. Soft Soil Treatment	Deep Mixing Method	Soil Cement Columns (Working Pile)including Field Test	lm	24,968.000	24,968	
		Soil Cement Colmuns(Preliminary Test Colums; Non-working Pile) including Field Test	lm	46.250	46	
		Solidifying material addition	unit addition(330kg/m3)	t	19,667.540	19,668
	Shallow Improvement		depth=2.0m (L=42.522m,W=3.708m)	m3	315.300	315
			depth=1.3m	m3	11,270.170	11,270
		Solidifying material addition	unit addition(230kg/m3)	t	2,592.140	2,592
	Solidifying material addition	unit addition(290kg/m3)	t	91.437	91	
4. Wall Structures	Mechanically Stabilised Earth Wall	Wall Area	Prefabricated Concrete Block	m2	1,036.560	1,037
		Strip	W=80mm,t=3mm	m	9,462.000	9,462
		Crushed Stone of Back Wall	C-40	m3	2,151.670	2,152
		Rising Concrete (Incrude Curb)	Concrete σ_{ck} =24N/mm	m3	548.060	548
			Form	m2	2,289.920	2,290
			Steel Bar(SD345 D16)	kg	15,450.500	15,451
			Steel Bar(SD345 D13)	kg	32,512.100	32,512
			Steel Bar(SD345 D10)	kg	9,762.695	9,763
			Joint Filleer(bituminous material) t=20mm	m2	9.250	9
			Joint Filleer(bituminous material) t=10mm	m2	67.620	68
			Leveling Concrete	m3	-	-
		Crushed Stone (C-40)	m3	-	-	
		Rubber Plate	t=10mm (10x300x600)	m2	106.800	107
		Base Concrete of Wall	Concrete σ_{ck} =18N/mm	m3	95.970	96
	Form		m2	258.380	258	
	Geotextile		m2	1,319.530	1,320	
	Gravity Wall	Concrete	m3	288.700	289	
		Form	m2	803.970	804	
		Steel Bar	SD345 D16	kg	12,498.200	12,498
			SD345 D13	kg	7,040.600	7,041
		Joint	t=10mm	m2	24.673	25
Lighting Foundation		Concrete σ_{ck} =24N/mm	m3	3.680	4	
		Form	m2	16.112	16	
		Steel Bar(SD345 D13)	kg	0.320	-	

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME PREPARED BY T. HAYAKAWA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 27 Nov. 2017 28 Nov. 2017 29 Nov. 2017	DRAWING TITLE (REFERENCE) QUANTITY TABLE OF ROAD(2)	PACKAGE 2 DWG No. P2-RD-7010
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(REFERENCE) QUANTITY TABLE OF ROAD (3)

Item	Description	Unit	Qty			
			Package2		Total	
			Main Road	Relocation Road		
5. Miscellaneous	Concrete Kerb and Concrete Block	Concrete Kerb(typeA-1)				
		Concrete Kerb(typeA-2)				
		Concrete Kerb(typeA-3)				
		Concrete Kerb(typeA-4)				
		Concrete Kerb(typeA-5)				
		Concrete Kerb(typeB-1)				
		Concrete Kerb(typeB-2)				
		Concrete Kerb(typeB-3)				
		Concrete Kerb(typeC)				
		Concrete Kerb(typeD)				
	Concrete Kerb(type E)	m	95.347	-	95	
Guard-rail	Bridge type	m	-	-	-	
		Metal type(GR-A)	m	634.202	-	634
		Metal type(GR-Am)	m	-	-	-
		Metal type(GR-B)	m	-	-	-
Guard-pipe	Metal type(GP-A)	m	-	-	-	
Road Marking	unbroken ,white W=15cm	m	17.427	-	17	
	unbroken ,white W=8cm	m	-	-	-	
	unbroken ,white W=10cm		5,507.497	482.440	5,990	
	unbroken ,white W=30cm	m	10.500	3.522	14	
	unbroken ,white W=45cm	m	24.984	-	25	
	broken ,white W=8cm	m	-	-	-	
	broken ,white W=10cm		2,636.370	-	2,636	
	Speed Limit Marks	Nos	0	0	-	
	Toll Ahead Marks	Nos	4	0	4	
Arrow Mark ,white	Nos	9	0	9		
Concrete Seal	Median Strip	W=1 5m	m	-	-	
		W=0 75m	m	81.560	-	
	Side Strip (Toll Plaza Section)	W=1 20m	m2	44.961	-	
	Side Strip next to "Wall"	W=0 50m	m	165.277	-	
	Under Flyover Section (Thaketa Side)	W=Varied	m2	1,241.797	-	
Signboard	Informatory Signboard Type A		Nos	-	-	
	Informatory Signboard Type B		Nos	-	-	
	Informatory Signboard Type C		Nos	-	-	
	Regulatory Signs		Nos	-	-	
	Warning Signs		Nos	-	-	
Approach Slab for Flyover Section (AF-1)	Concrete	$\sigma_{ck} = 24 \text{ N/mm}^2$	m3	18.900	19	
	Form		m2	7.300	7	
	Reinforcement Bar	SD345	t	2.715	3	
	Rubber Bearing	t=20mm	m2	2.200	2	
	Joint Material	t=20mm	m2	9.000	9	
	Gas Pipe	Sgp40a	kg	17.000	17	
Cap	$\phi 60 \times 3.2$	kg	2.000	2		

(REFERENCE) QUANTITY TABLE OF ROAD (4)

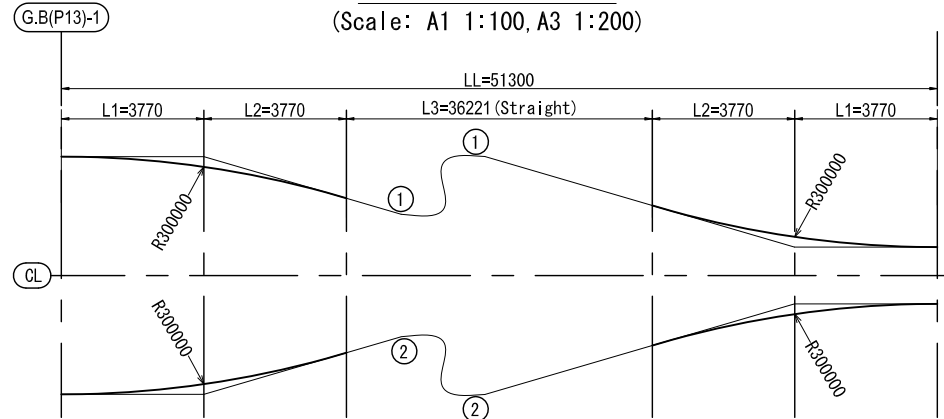
Item	Description	Unit	Qty			
			Package2		Total	
			Main Road	Relocation Road		
6. Drainage Structures	Open Ditches	Side Ditch Type U-300x300	m	26.207	-	26
		Side Ditch Type U-500x500	m	-	-	-
		Side Ditch Type U-800x800	m	-	-	-
		Side Ditch Type U-1000x1000	m	-	-	-
		Side Ditch Type U-1500x1500	m	-	-	-
		Side Ditch Type U-500x500 with Concrete Cover	m	-	-	-
		Side Ditch Type U-500x850 with Concrete Cover	m	-	-	-
		Side Ditch Type U-800x800 with Concrete Cover	m	-	-	-
		Side Ditch Type U-800x1000 with Concrete Cover	m	-	-	-
		Side Ditch Type U-1000x1000 with Concrete Cover	m	-	-	-
		Side Ditch Type U-1000x1500 with Concrete Cover	m	-	-	-
		Side Ditch Type U-1500x1500 with Concrete Cover	m	-	-	-
		Side Ditch Type U-1500x2500 with Concrete Cover	m	1,111.563	-	1,112
		Catch Basins/Pits, Inlets, Outlets, Manholes	Catch Pit (C=DITCH) Type A	Nos	32.000	-
	Catch Pit (C=DITCH) Type C		Nos	17.000	-	17
	Catch Pit (C=DITCH) Type D		Nos	2.000	-	2
	Catch Pit (C=DITCH) Type B		Nos	4.000	-	4
	Catch Pit 700 x 700 x 1050		Nos	-	-	-
	Catch Pit 700 x 700 x 1850		Nos	-	-	-
	Catch Pit 700 x 700 x 2250		Nos	-	-	-
	Catch Pit 1000 x 1000 x 1350		Nos	-	-	-
	Catch Pit 1200 x 1200 x 1600		Nos	-	-	-
	Catch Pit 600 x 600 x 1100		Nos	4.000	-	-
	Concrete Pipe Culverts	Concrete Pipe Culvert φ300 (CON. 360°) TYPE B	m	358.097	-	358
		Concrete Pipe Culvert φ300 (CON. 360°) TYPE A	m	102.064	-	102
		Concrete Pipe Culvert φ900 (CON. 360°)	m	-	-	-
	Concrete Box Culverts	Box Culvert Type 1000 x 1000	m	-	-	-
	Vertical Drain	Vertical Drain Type A UPVC Pipe φ200mm	m	66.151	-	66
		Vertical Drain Type A Joint (90°) φ200mm	Nos	17.000	-	17
		Vertical Drain Type B U-Ditch Section A-A	m	2.550	-	3
Vertical Drain Type B U-Ditch Section B-B		m	13.858	-	14	
Vertical Drain Type B U-Ditch Section C-C		m	1.132	-	1	
Vertical Drain Type C UPVC Pipe φ150mm		m	-	-	-	
Drainage Outlet	Drainage Outlet Type A Left Side	L.S	-	-	-	
	Drainage Outlet Type A Right Side	L.S	-	-	-	
	Drainage Outlet Type A Flap Gate 1000 x 1000	Nos	-	-	-	
	Drainage Outlet Type B Left Side	L.S	1.000	-	1	
	Drainage Outlet Type B Right Side	L.S	1.000	-	1	
	Drainage Outlet Type B Flap Gate 2000 x 1500	Nos	2.000	-	2	

C. STEEL BOX GIRDER BRIDGE

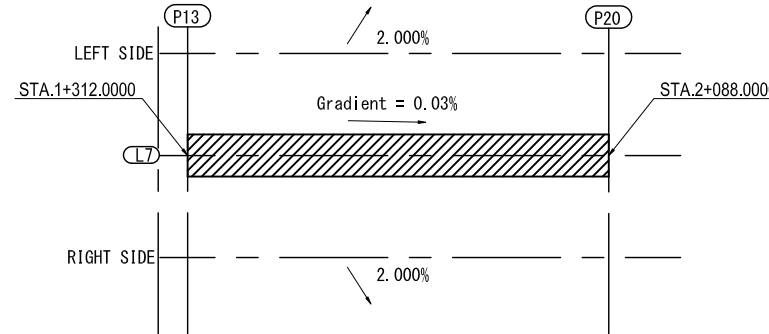
COORDINATES OF SUPERSTRUCTURE (P13-P20) (2)

TRANSITION PLAN

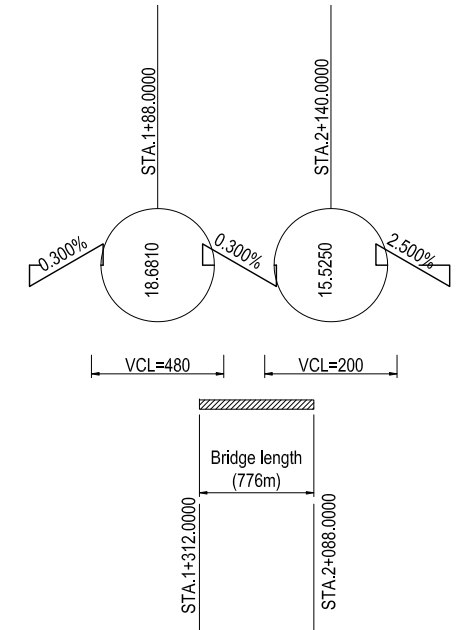
(Scale: A1 1:100, A3 1:200)



SUPER ELEVATION AND GRADIENT

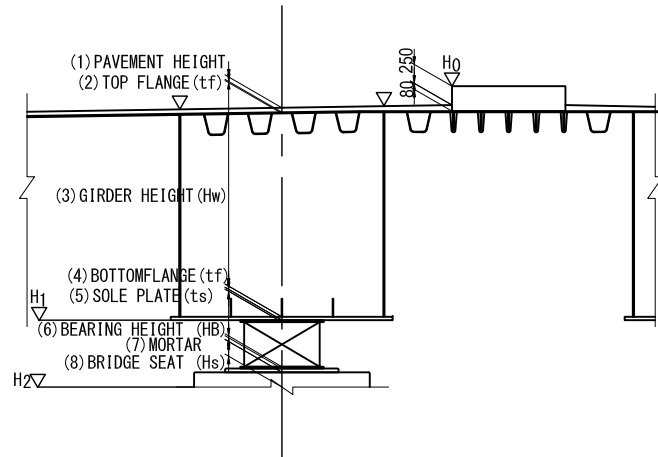


LONGITUDINAL ELEMENTS FIGURE



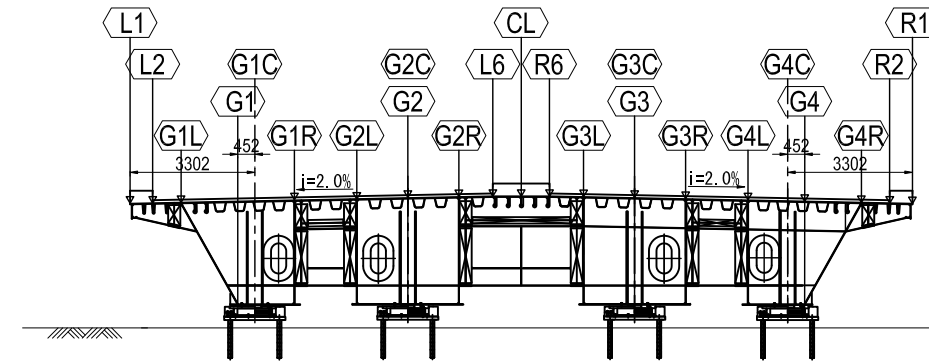
COMPOSITION OF HEIGHT

(NOT TO SCALE)



TYPICAL SECTION

(NOT TO SCALE)

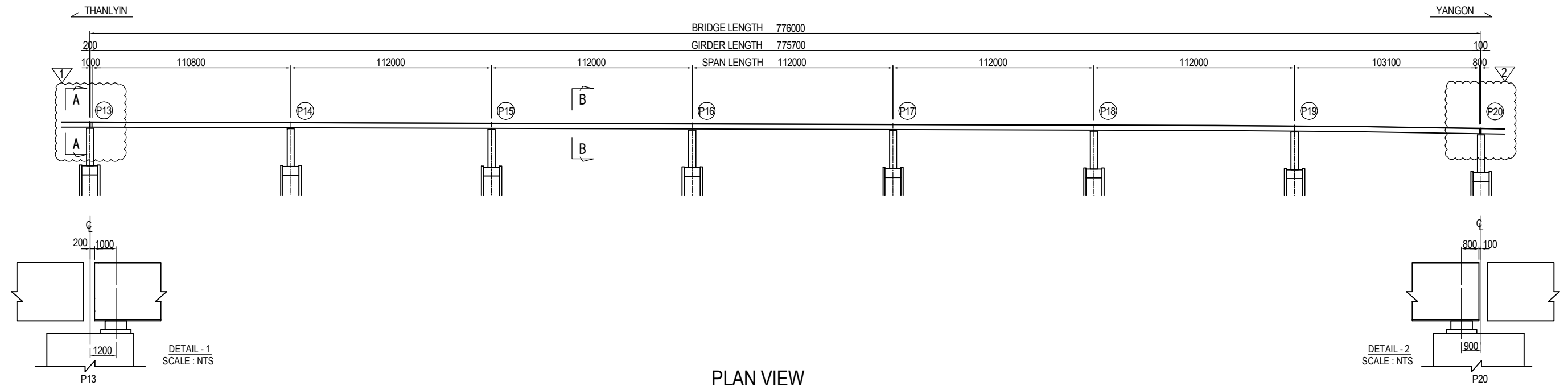


		P13 PIER						P14 PIER						P15 PIER						P16 PIER					
		G1	G1C	G2,G2C	G3,G3C	G4C	G4	G1	G1C	G2,G2C	G3,G3C	G4C	G4	G1	G1C	G2,G2C	G3,G3C	G4C	G4	G1	G1C	G2,G2C	G3,G3C	G4C	G4
PROPOSED HEIGHT	Z1	17.619	17.628	17.709	17.709	17.628	17.619	17.288	17.297	17.378	17.378	17.297	17.288	16.952	16.961	17.042	17.042	16.961	16.952	16.616	16.625	16.706	16.706	16.625	16.616
PAVEMENT	h1	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
GIRDER	h2	2.700	2.709	2.790	2.790	2.709	2.700	2.700	2.709	2.790	2.790	2.709	2.700	2.700	2.709	2.790	2.790	2.709	2.700	2.700	2.709	2.790	2.790	2.709	2.700
BOTTOM FLANGE	h3	0.020	0.020	0.014	0.014	0.020	0.020	0.052	0.052	0.040	0.040	0.052	0.052	0.038	0.038	0.027	0.027	0.038	0.038	0.042	0.042	0.030	0.030	0.042	0.042
SOLE PLATE	h4	0.030	0.030	0.030	0.030	0.030	0.030	0.040	0.040	0.040	0.040	0.040	0.040	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035
BEARING	h5	0.330	0.330	0.330	0.330	0.330	0.330	0.359	0.359	0.359	0.359	0.359	0.359	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353
SUBTOTAL	H	3.160	3.169	3.244	3.244	3.169	3.160	3.231	3.240	3.309	3.309	3.240	3.231	3.206	3.215	3.285	3.285	3.215	3.206	3.210	3.219	3.288	3.288	3.219	3.210
ELEVATION OF BEARING BOTTOM	Z2	14.459	14.459	14.465	14.465	14.459	14.459	14.057	14.057	14.069	14.069	14.057	14.057	13.746	13.746	13.757	13.757	13.746	13.746	13.406	13.406	13.418	13.418	13.406	13.406
MORTAR	t1	0.038	0.038	0.044	0.044	0.038	0.038	0.020	0.020	0.032	0.032	0.020	0.020	0.026	0.026	0.037	0.037	0.026	0.026	0.016	0.016	0.028	0.028	0.016	0.016
BEARING BASE	t2	0.270	0.270	0.270	0.270	0.270	0.270	0.157	0.157	0.157	0.157	0.157	0.157	0.140	0.140	0.140	0.140	0.140	0.140	0.110	0.110	0.110	0.110	0.110	0.110
DRAINAGE INCLINE	t3	0.051	0.051	0.051	0.051	0.051	0.051	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040
ELEVATION OF PIER TOP	Z3	14.110	14.110	14.110	14.110	14.110	14.110	13.840	13.840	13.840	13.840	13.840	13.840	13.540	13.540	13.540	13.540	13.540	13.540	13.240	13.240	13.240	13.240	13.240	13.240

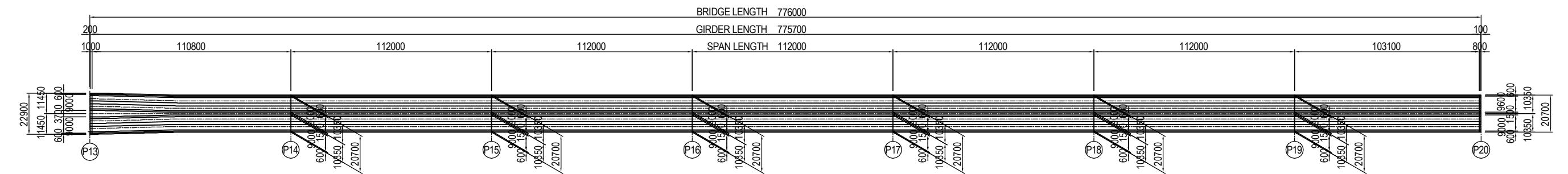
		P17 PIER						P18 PIER						P19 PIER						P20 PIER					
		G1	G1C	G2,G2C	G3,G3C	G4C	G4	G1	G1C	G2,G2C	G3,G3C	G4C	G4	G1	G1C	G2,G2C	G3,G3C	G4C	G4	G1	G1C	G2,G2C	G3,G3C	G4C	G4
PROPOSED HEIGHT	Z1	16.280	16.289	16.370	16.370	16.289	16.280	15.944	15.953	16.034	16.034	15.953	15.944	15.608	15.617	15.698	15.698	15.617	15.608	15.177	15.186	15.267	15.267	15.186	15.177
PAVEMENT	h1	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080	0.080
GIRDER	h2	2.700	2.709	2.790	2.790	2.709	2.700	2.700	2.709	2.790	2.790	2.709	2.700	2.700	2.709	2.790	2.790	2.709	2.700	2.700	2.709	2.790	2.790	2.709	2.700
BOTTOM FLANGE	h3	0.042	0.042	0.031	0.031	0.042	0.042	0.039	0.039	0.028	0.028	0.039	0.039	0.050	0.050	0.034	0.034	0.050	0.050	0.014	0.014	0.013	0.013	0.014	0.014
SOLE PLATE	h4	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.035	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.030	0.030	0.030	0.030	0.030	0.030
BEARING	h5	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.353	0.359	0.359	0.359	0.359	0.359	0.359	0.359	0.330	0.330	0.330	0.330	0.330	0.330
SUBTOTAL	H	3.210	3.219	3.289	3.289	3.219	3.210	3.207	3.216	3.286	3.286	3.216	3.207	3.229	3.238	3.303	3.303	3.229	3.229	3.154	3.163	3.243	3.243	3.163	3.163
ELEVATION OF BEARING BOTTOM	Z2	13.070	13.070	13.081	13.081	13.070	13.070	12.737	12.737	12.748	12.748	12.737	12.737	12.379	12.379	12.395	12.395	12.379	12.379	12.023	12.023	12.023	12.023	12.023	12.023
MORTAR	t1	0.020	0.020	0.031	0.031	0.020	0.020	0.027	0.027	0.038	0.038	0.027	0.027	0.014	0.014	0.030	0.030	0.014	0.014	0.046	0.046	0.045	0.045	0.046	0.046
BEARING BASE	t2	0.170	0.170	0.170	0.170	0.170	0.170	0.130	0.130	0.130	0.130	0.130	0.130	0.085	0.085	0.085	0.085	0.085	0.085	0.259	0.259	0.170	0.170	0.259	0.259
DRAINAGE INCLINE	t3	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.040	0.020	0.020	0.110	0.110	0.020	0.020
ELEVATION OF PIER TOP	Z3	12.840	12.840	12.840	12.840	12.840	12.840	12.540	12.540	12.540	12.540	12.540	12.540	12.240	12.240	12.240	12.240	12.240	12.240	11.698	11.698	11.698	11.698	11.698	11.698

GENERAL VIEW OF SUPERSTRUCTURE (P13-P20)

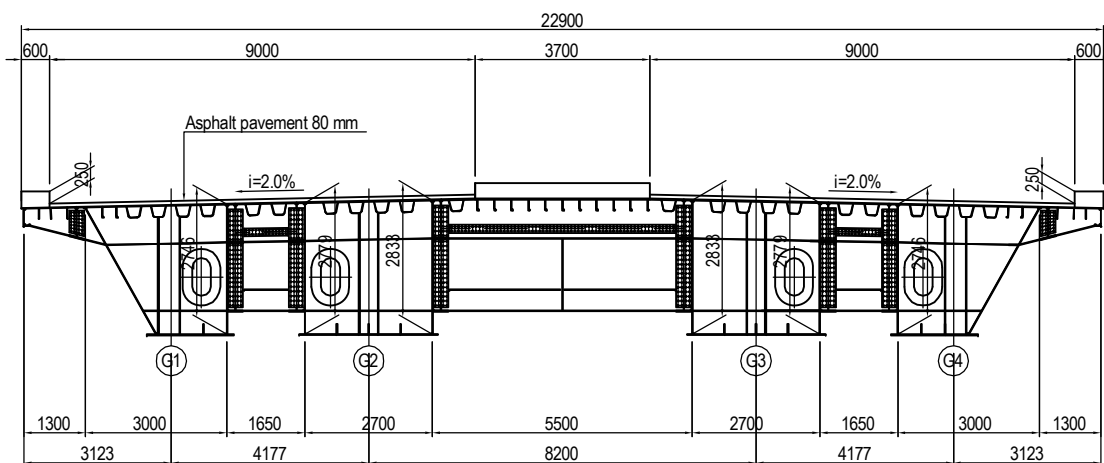
SIDE VIEW
SCALE A1 1:1200, A3 1:2400



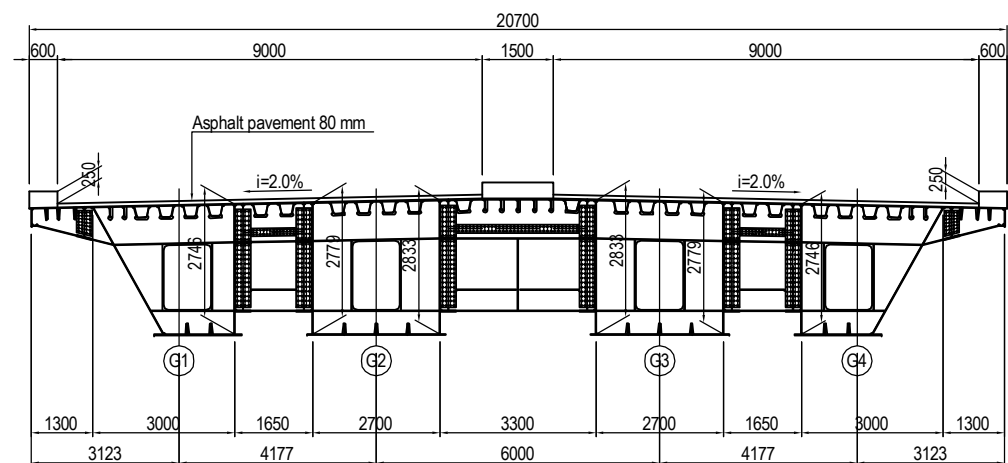
PLAN VIEW
SCALE A1 1:1200, A3 1:2400



A - A
CROSS SECTION OF STEEL BOX GIRDER AT END SUPPORT
SCALE A1 1:80, A3 1:160

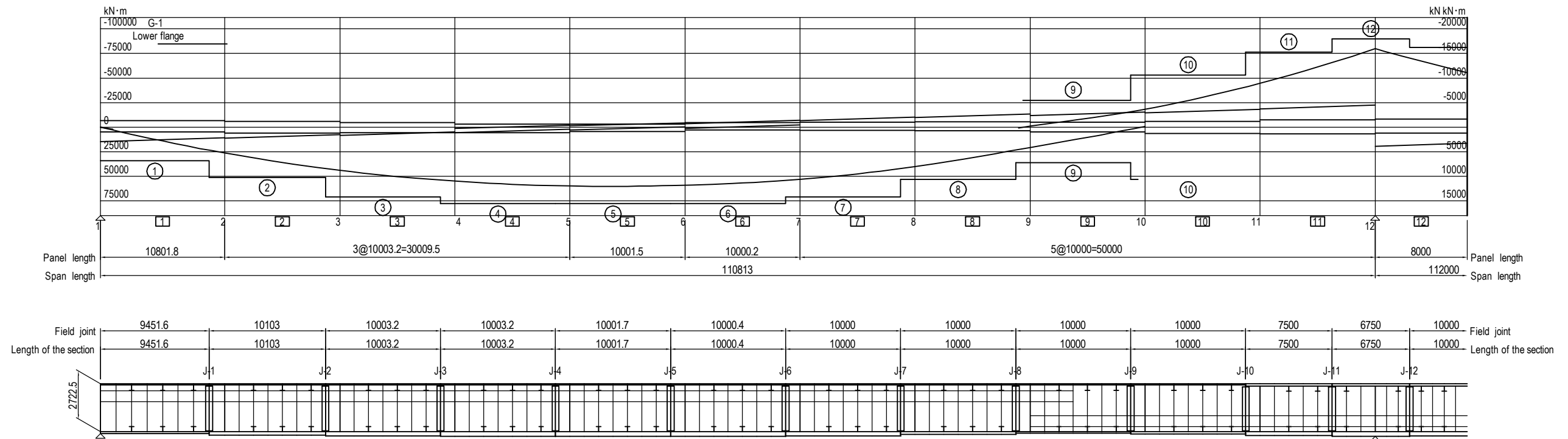


B - B
CROSS SECTION OF STEEL BOX GIRDER AT MID SPAN
SCALE A1 1:80, A3 1:160



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE GENERAL VIEW OF SUPERSTRUCTURE (P13-P20)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO			21 Jun.2017	P2-SB-1011

STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (1) S=1:400

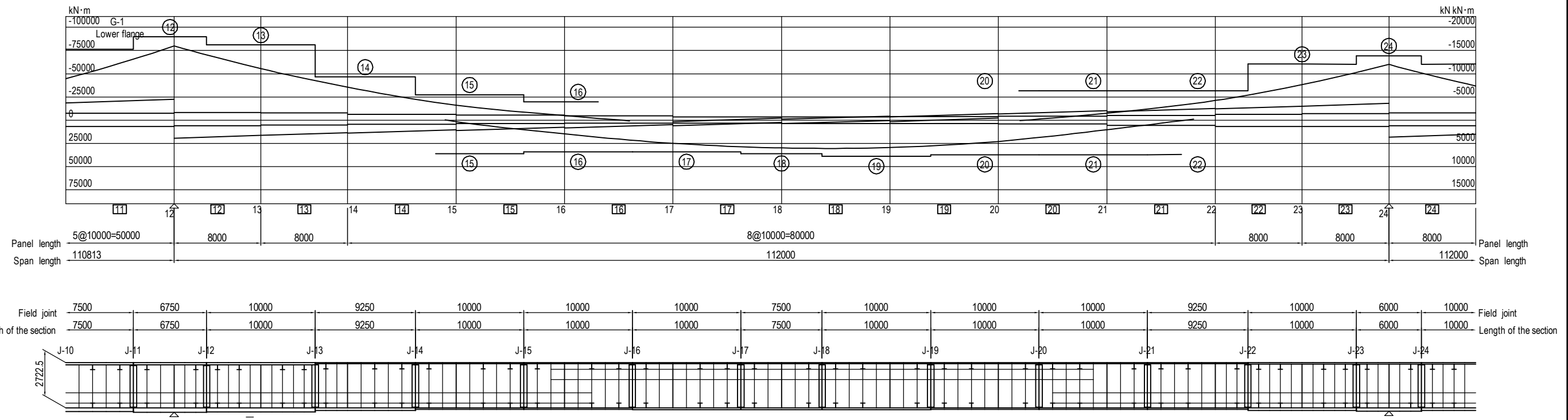


		Unit: mm N/mm ²																																							
Section		1		2		3		4		5		6		7		8		9		10		11		12		13		Section													
		Sec-1		Sec-2		Sec-3		Sec-4		Sec-5		Sec-6		Sec-7		Sec-8		Sec-9		Sec-10		Sec-11		Sec-12		Sec-13		Section													
Deck Plate	Thickness	16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		22, 22, 22		27, 27, 27		27, 27, 27		27, 27, 27		Thickness Deck Plate													
	Quality	(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		Quality													
Longitu-dinal Rib1	Number	3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		3-Bulb		Number Longitu-dinal Rib1													
	Section	230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		Section													
Longitu-dinal Rib2	Number	6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		Number Longitu-dinal Rib2													
	Section	320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		Section													
Left Web	Height	3044.3		3044.2		3044.2		3044.2		3044.3		3044.3		3044.3		3044.3		3044.3		3044.3		3037.5		3037.5		3037.5		3031.9		Height Left Web											
	Thickness	12(3)		12(3)		12(4)		12(4)		12(4)		12(4)		12(4)		12(4)		12(3)		12(4)		12(4)		14(4)		12(4)		Thickness Right Web													
Right Web	Height	2714		2714.1		2714.1		2714.1		2714.1		2714		2714		2714		2714		2708		2708		2703		2703		2703		Height Right Web											
	Thickness	12(3)		12(3)		12(4)		12(4)		12(4)		12(4)		12(4)		12(4)		12(3)		12(4)		12(4)		14(4)		12(4)		Thickness													
Lower flange Vertical rib	Number	2		2		2		2		2		2		2		2		5		5		5		5		5		Number Lower flange Vertical rib													
	Width	220		220		220		220		220		220		220		220		220		220		220		220		220		Width													
	Thickness	19(3)		19(3)		19(4)		19(4)		19(4)		19(4)		19(4)		19(3)		19(3)		19(4)		19(4)		19(4)		19(4)		Thickness													
Lflg W=1850 T		20(3)		38(3)		46(8)		52(8)		52(8)		46(8)		30(4)		16(3)		24(4)		43(8)		52(8)		47(8)		Lflg W=1850 T															
Deck Plate	σ	0		-80		-132		-165		-180		-181		-178		-165		-136		-79		-7		53		-6		42		111		152		180		180		161		σ Deck Plate	
	σ_a	210		210		210		210		210		210		210		210		210		210		210		210		210		210		210		210		210		210		σ_a			
	$\sigma_a - \sigma$	210		130		78		45		30		29		32		45		74		131		203		157		204		168		99		58		30		30		49		$\sigma_a - \sigma$	
Lower flange	σ	0		145		174		195		197		199		197		196		204		136		12		-91		10		-74		-194		-220		-232		-232		-222		σ Lower flange	
	σ_a	210		210		210		255		255		255		255		255		255		210		210		158		255		255		255		255		255		255		255		σ_a	
	$\sigma_a - \sigma$	210		65		36		60		58		56		58		58		59		74		198		67		245		181		61		35		23		23		33		$\sigma_a - \sigma$	
Web	τ	60		48		36		25		16		14		19		28		41		53		59		59		59		59		70		81		73		65		73		τ Web	
	τ_a	120		120		120		145		145		145		145		145		145		120		120		120		145		145		145		145		145		145		145		τ_a	
	Combined	0.25		0.56		0.72		0.57		0.56		0.57		0.56		0.58		0.67		0.52		0.25		0.32		0.16		0.19		0.71		0.94		0.97		0.93		0.91		Combined	
Calculated points		Left		J-1		J-2		J-3		J-4		J-5		J-6		J-7		J-8		J-9		J-9		J-9		Left		Left		J-10		J-11		Max Left		Max Right		J-12		Calculated points	
Stress of Net Area σ																																						Stress of Net Area σ			
Lflg σ_{spl}																																						Lflg σ_{spl}			

- Grade (1):SM400
- (2):SM490
- (3):SM490Y
- (4):SM570
- (5):SM400-H
- (6):SM490-H
- (7):SM520-H
- (8):SM570-H

BAGO RIBER BRIDGE G-1

STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (2) S=1:400



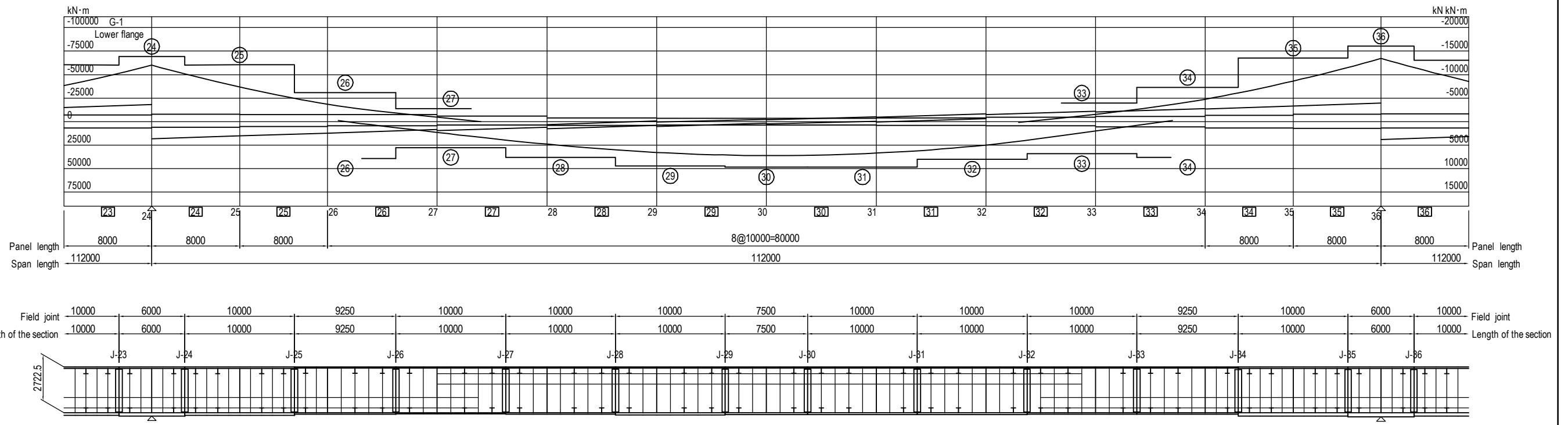
		Unit: mm N/mm ²																																						
		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25																								
Section		Sec-11	Sec-12	Sec-13	Sec-14	Sec-15	Sec-16	Sec-17	Sec-18	Sec-19	Sec-20	Sec-21	Sec-22	Sec-23	Sec-24	Sec-25																								
Deck Plate	Thickness	27, 27, 27	27, 27, 27	27, 27, 27	22, 22, 22	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	19, 19, 19	19, 19, 19	19, 19, 19																								
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)																								
Longitudinal Rib1	Number	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb																								
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11																								
Longitudinal Rib2	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib																								
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8																								
Left Web	Height	3031.9	3031.9	3031.9	3031.9	3037.5	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3040.9	3040.9																								
	Thickness	12(4)	14(4)	12(4)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(4)	12(4)																								
Right Web	Height	2703	2703	2703	2703	2708	2714	2714	2714	2714	2714	2714	2714	2714	2711	2711																								
	Thickness	12(4)	14(4)	12(4)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(4)	12(4)																								
Lower flange Vertical rib	Number	5	5	5	5	5	5	2	2	5	5	5	5	5	5	5																								
	Width	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220																								
	Thickness	19(4)	19(4)	19(4)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(4)	19(4)																								
Lflg W=1850 T	43(8)	52(8)	47(8)	27(3)	16(3)	14(3)	20(3)	22(3)	19(3)	17(3)	17(3)	17(3)	30(4)	38(4)	30(4)																									
Deck Plate	σ	152	180	180	161	114	76	-35	29	-36	29	-74	-97	-102	-101	-101	-93	-63	4	-63	4	-17	40	-17	40	91	154	177	177	153										
	σ _a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210										
	σ _{a-σ}	58	30	30	49	96	134	175	181	174	181	136	113	108	109	109	117	147	206	147	206	193	170	193	170	119	56	33	33	57										
Lower flange	σ	-220	-232	-232	-222	-190	-131	61	-50	64	-53	133	177	178	165	165	158	107	-6	107	-6	29	-68	29	-68	-154	-218	-222	-222	-216										
	σ _a	255	255	255	255	210	158	210	158	210	121	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210										
	σ _{a-σ}	35	23	23	33	20	27	149	108	146	68	77	33	32	45	45	52	103	172	103	172	181	110	181	110	25	37	33	33	39										
Web	τ	81	73	65	73	60	50	39	39	39	39	28	18	14	14	14	22	33	33	33	33	44	44	44	44	55	67	71	72	69										
	τ _a	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	145	145	145	145										
	Combined	0.94	0.97	0.93	0.91	0.96	0.48	0.14	0.12	0.15	0.12	0.43	0.71	0.71	0.61	0.61	0.58	0.30	0.08	0.30	0.08	0.13	0.18	0.13	0.18	0.65	0.86	0.90	0.91	0.85										
Calculated points	J-11	Max Left	Max Right	J-12	J-13	J-14	Right	Right	J-15	J-15	J-16	J-17	Right	J-18	J-18	J-19	J-20	J-20	J-20	Left	Left	J-21	J-21	Left	Left	J-22	J-23	Max Left	Max Right	J-24										
Stress of Net Area σ																																								
Lflg σspl																																								

BAGO RIBER BRIDGE G-1

- Grade (1):SM400 (5):SM400-H
- (2):SM490 (6):SM490-H
- (3):SM490Y (7):SM520-H
- (4):SM570 (8):SM570-H

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (2)	PACKAGE 2 DWG No. P2-SB-1022
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STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (3) S=1:400



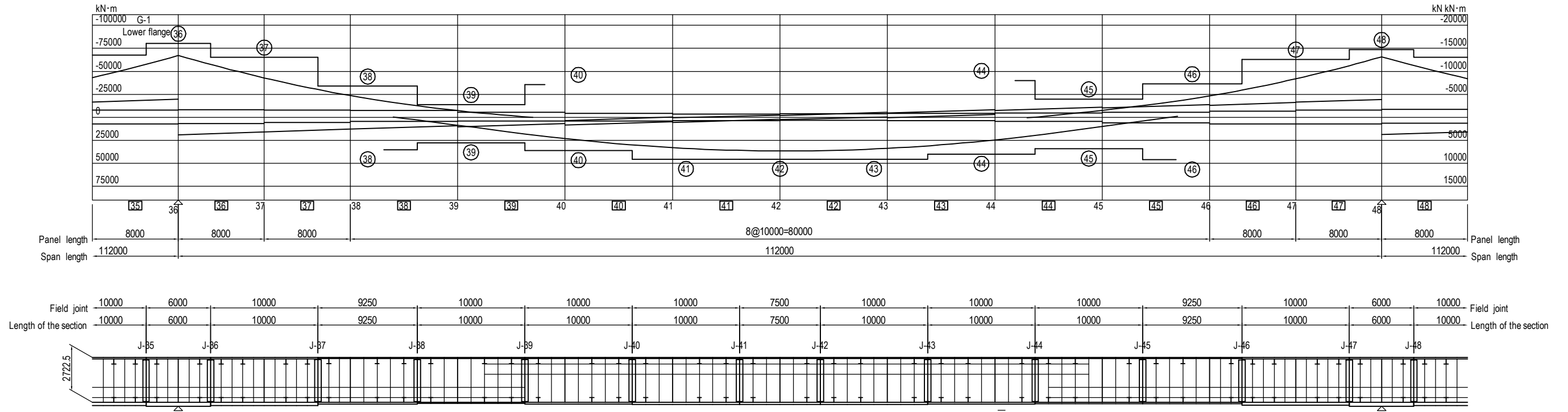
		23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
Section		Sec-23	Sec-24	Sec-25	Sec-26	Sec-27	Sec-28	Sec-29	Sec-30	Sec-31	Sec-32	Sec-33	Sec-34	Sec-35	Sec-36	Sec-37
Deck Plate	Thickness	19, 19, 19	19, 19, 19	19, 19, 19	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	22, 22, 22	22, 22, 22	22, 22, 22
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)
Longitudinal Rib1	Number	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11
Longitudinal Rib2	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8
Left Web	Height	3040.9	3040.9	3040.9	3040.9	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3037.5	3037.5
	Thickness	12(4)	12(4)	12(4)	12(4)	12(4)	12(3)	12(4)	12(4)	12(4)	12(3)	12(4)	12(3)	12(4)	12(4)	12(4)
Right Web	Height	2711	2711	2711	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2708	2708
	Thickness	12(4)	12(4)	12(4)	12(4)	12(4)	12(3)	12(4)	12(4)	12(4)	12(3)	12(4)	12(3)	12(4)	12(4)	12(4)
Lower flange Vertical rib	Number	5	5	5	2	2	2	2	5	5	5	5	5	5	5	2
	Width	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220
	Thickness	19(4)	19(4)	19(4)	19(4)	19(3)	19(4)	19(4)	19(4)	19(4)	19(3)	19(4)	19(3)	19(4)	19(4)	19(4)
Lflg W=1850 T	30(4)	38(4)	30(4)	18(4)	13(3)	17(4)	25(4)	20(4)	13(3)	20(4)	20(3)	14(3)	36(4)	42(8)	40(4)	
Deck Plate	σ	154	177	177	153	86	-23	31	-23	32	-70	-104	-117	-118	-120	-119
	σa	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210
	σa-σ	56	33	33	57	124	187	179	187	178	140	106	93	92	90	91
Lower flange	σ	-218	-222	-222	-216	-162	43	-59	50	-69	151	203	193	188	191	190
	σa	255	255	255	255	200	255	200	210	104	210	255	255	255	255	255
	σa-σ	37	33	33	39	38	212	141	160	35	59	52	62	67	64	65
Web	τ	67	71	72	69	57	45	45	46	46	34	25	16	16	14	16
	τa	145	145	145	145	145	145	145	120	120	120	145	145	145	145	145
	Combined	0.86	0.90	0.91	0.85	0.48	0.10	0.11	0.14	0.17	0.55	0.64	0.57	0.54	0.56	0.55
Calculated points	J-23	Max Left	Max Right	J-24	J-25	Right	Right	J-26	J-26	J-27	J-27	J-28	Right	J-29	J-30	J-31
Stress of Net Area σ																
Lflg σspl																

BAGO RIBER BRIDGE G-1

- Grade (1):SM400 (5):SM400-H
- (2):SM490 (6):SM490-H
- (3):SM490Y (7):SM520-H
- (4):SM570 (8):SM570-H

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (3)	PACKAGE 2 DWG No. P2-SB-1023
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STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (4) S=1:400



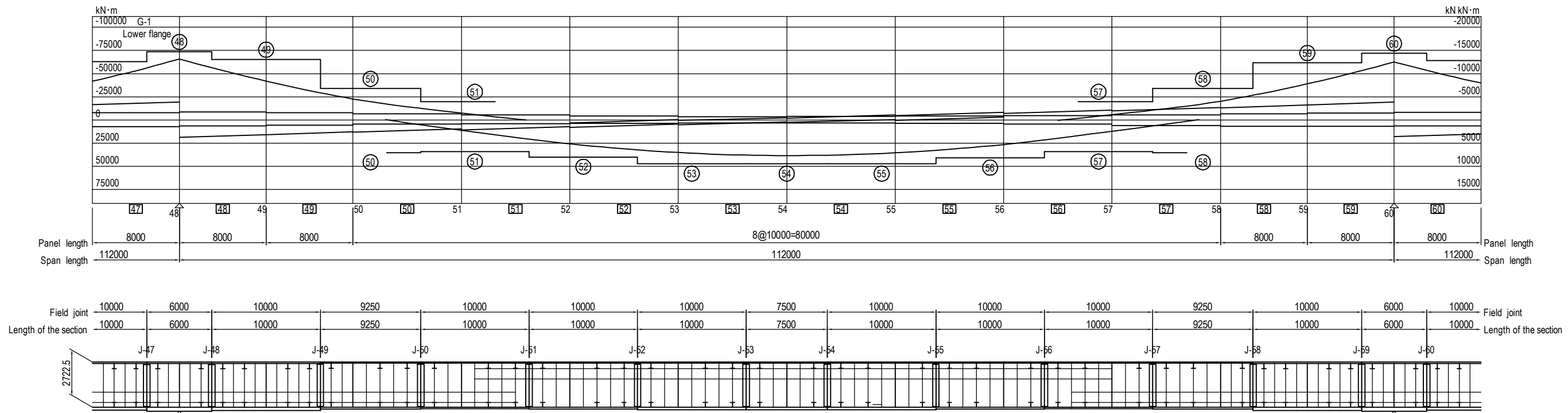
		Unit: mm N/mm ²																															
		35		36		37		38		39		40		41		42		43		44		45		46		47		48		49			
Section		Sec-35		Sec-36		Sec-37		Sec-38		Sec-39		Sec-40		Sec-41		Sec-42		Sec-43		Sec-44		Sec-45		Sec-46		Sec-47		Sec-48		Sec-49			
Deck Plate	Thickness	22, 22, 22	22, 22, 22	22, 22, 22	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16			
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)			
Longitudinal Rib1	Number	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb			
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11			
Longitudinal Rib2	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib			
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8			
Left Web	Height	3037.5	3037.5	3037.5	3037.5	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3038.7	3038.7	3038.7	3038.7	
	Thickness	12(4)	12(4)	12(4)	12(4)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(4)	12(4)	12(4)	12(4)		
Right Web	Height	2708	2708	2708	2708	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2709	2709	2709	2709		
	Thickness	12(4)	12(4)	12(4)	12(4)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(4)	12(4)	12(4)	12(4)	12(4)		
Lower flange Vertical rib	Number	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
	Width	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220		
	Thickness	19(4)	19(4)	19(4)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(4)	19(4)	19(4)	19(4)	19(4)		
Lflg W=1850 T		36(4)	42(8)	40(4)	21(3)	13(3)	22(3)	26(3)	26(3)	26(3)	20(3)	14(3)																					
Deck Plate	σ	155	179	179	155	102	-10	42	-11	45	-65	2	-61	2	-101	-116	-118	-117	-103	-65	1	-67	1	-15	43	-14	42	99	158	180	180	154	
	σ _a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	σ _{a-σ}	55	31	31	55	108	200	168	199	165	145	208	149	208	109	94	92	93	107	145	209	143	209	195	167	196	168	111	52	30	30	56	
Lower flange	σ	-219	-231	-231	-226	-181	18	-75	23	-96	139	-4	106	-3	176	167	170	168	164	104	-1	121	-1	26	-78	24	-70	-164	-229	-227	-227	-200	
	σ _a	255	255	255	255	202	210	202	210	104	210	104	210	207	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	σ _{a-σ}	36	24	24	29	20	192	126	187	9	71	100	104	204	34	43	40	42	46	106	209	89	120	184	43	231	130	36	26	28	28	55	
Web	τ	73	76	75	72	59	47	47	48	48	37	37	36	36	27	16	14	16	27	37	37	37	37	37	48	48	48	48	59	73	76	75	72
	τ _a	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	
	Combined	0.88	0.99	0.98	0.92	0.87	0.16	0.22	0.16	0.28	0.48	0.10	0.30	0.09	0.71	0.63	0.64	0.64	0.63	0.30	0.09	0.38	0.10	0.16	0.23	0.11	0.14	0.51	0.95	0.96	0.95	0.77	
Calculated points	J-35	Max Left	Max Right	J-36	J-37	Right	Right	J-38	J-38	J-39	J-39	Left	Left	J-40	J-41			J-42	J-43	Right	Right	J-44	J-44	J-45	J-45	Left	Left	J-46	J-47	Max Left	Max Right	J-48	
Stress of Net Area σ																																	
Lflg σspl																																	

BAGO RIBER BRIDGE G-1

Grade (1):SM400 (5):SM400-H
 (2):SM490 (6):SM490-H
 (3):SM490Y (7):SM520-H
 (4):SM570 (8):SM570-H

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (4)	PACKAGE 2 DWG No. P2-SB-1024
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STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (5) S=1:400



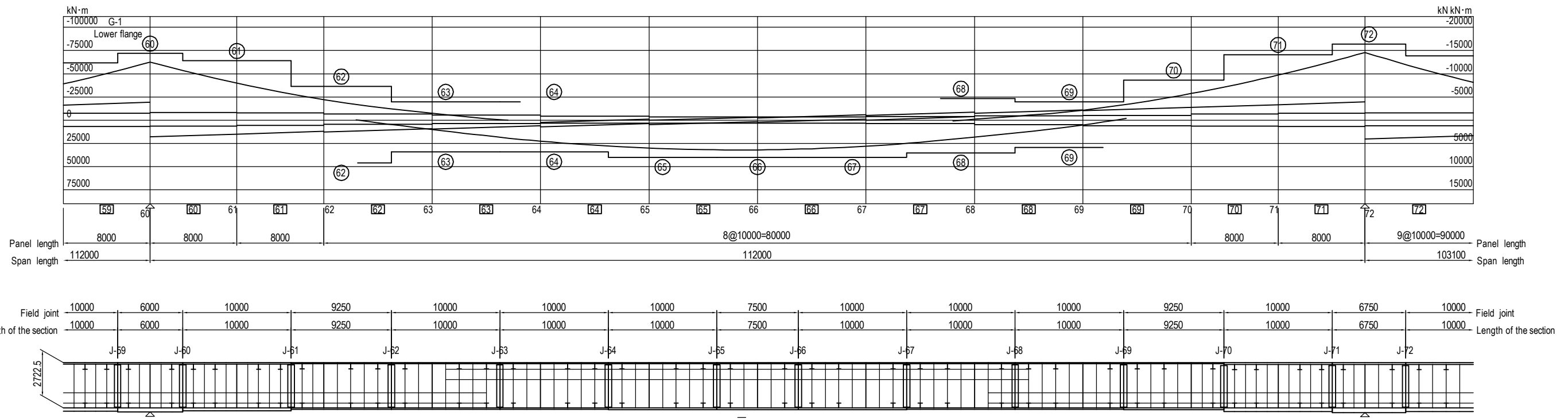
		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61	
Section		Sec-47		Sec-48		Sec-49		Sec-50		Sec-51		Sec-52		Sec-53		Sec-54		Sec-55		Sec-56		Sec-57		Sec-58		Sec-59		Sec-60		Sec-61	
Deck Plate	Thickness	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21		
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	
Longitudinal Rib1	Number	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb		
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11		
Longitudinal Rib2	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib		
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	
Left Web	Height	3038.7	3038.7	3038.7	3038.7	3038.7	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3039.8	3039.8	3039.8	3039.8
	Thickness	12(4)	12(4)	12(4)	12(4)	12(4)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(4)	12(4)	12(4)	12(4)	
Right Web	Height	2709	2709	2709	2709	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2710	2710	2710	2710	
	Thickness	12(4)	12(4)	12(4)	12(4)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(4)	12(4)	12(4)	12(4)	12(4)	
Lower flange Vertical rib	Number	5	5	5	5	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	Width	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	
Lflg W=1850 T	Thickness	19(4)	19(4)	19(4)	19(4)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(4)	19(4)	19(4)	19(4)		
	Quality	32(4)	42(8)	40(4)	40(4)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	37(4)	37(4)	39(4)	39(4)	33(4)	
Deck Plate	σ	158	180	180	154	99	-17	42	-18	43	-71	-107	-121	-123	-122	-108	-74	-22	36	-22	35	90	151	178	178	154	154	154	154	154	
	σ_a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	$\sigma_a - \sigma$	52	30	30	56	111	193	168	192	167	139	103	89	87	88	102	136	188	174	188	175	120	59	32	32	56	56	56	56	56	
Lower flange	σ	-229	-227	-227	-200	-176	31	-75	32	-77	128	171	169	171	170	170	133	40	-65	39	-63	-160	-199	-227	-227	-215	-215	-215	-215	-215	
	σ_a	255	255	255	255	202	210	202	210	210	210	210	210	210	210	210	210	210	210	210	210	202	202	255	255	255	255	255	255		
	$\sigma_a - \sigma$	26	28	28	55	26	179	127	178	44	82	39	41	39	40	40	77	170	56	171	139	42	56	28	28	40	40	40	40		
Web	τ	73	76	75	72	60	48	48	48	48	48	48	48	48	48	48	36	47	47	47	47	47	47	47	47	47	47	47	47	47	
	τ_a	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	
Combined	σ	0.95	0.96	0.95	0.77	0.82	0.16	0.22	0.16	0.22	0.42	0.68	0.64	0.65	0.64	0.67	0.45	0.16	0.18	0.15	0.18	0.70	0.76	0.95	0.94	0.84	0.84	0.84	0.84	0.84	
	τ	0.95	0.96	0.95	0.77	0.82	0.16	0.22	0.16	0.22	0.42	0.68	0.64	0.65	0.64	0.67	0.45	0.16	0.18	0.15	0.18	0.70	0.76	0.95	0.94	0.84	0.84	0.84	0.84		
Calculated points		J-47	Max Left	Max Right	J-48	J-49	Right	Right	J-50	J-50	J-51	J-52	J-53			J-54	J-55	J-56	J-57	J-57	Left	Left	J-58	J-59	Max Left	Max Right	J-60				
Stress of Net Area σ																															
Lflg σ_{spl}																															

BAGO RIBER BRIDGE G-1

- Grade (1):SM400 (5):SM400-H
- (2):SM490 (6):SM490-H
- (3):SM490Y (7):SM520-H
- (4):SM570 (8):SM570-H

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (5)	PACKAGE 2 DWG No. P2-SB-1025
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STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (6) S=1:400



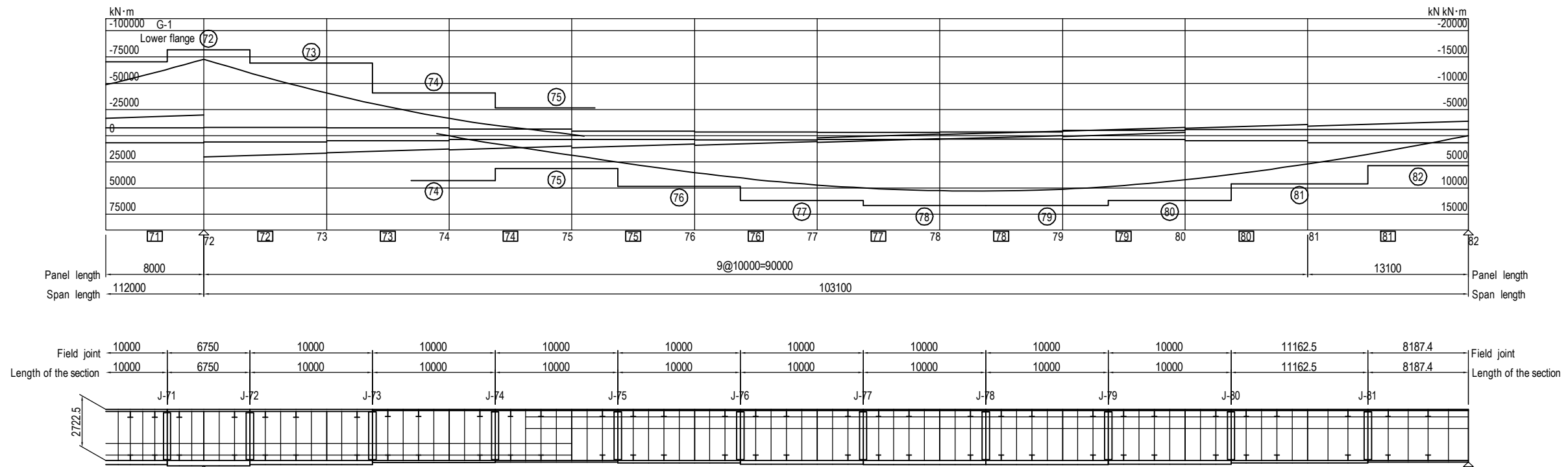
		59														60		61		62				63				64				65		66		67		68				69		70		71		72		73	
		Sec-59		Sec-60		Sec-61		Sec-62				Sec-63				Sec-64				Sec-65		Sec-66		Sec-67		Sec-68				Sec-69		Sec-70		Sec-71		Sec-72		Sec-73													
Deck Plate	Thickness	20, 20, 20	20, 20, 20	20, 20, 20	16, 16, 16				16, 16, 16				16, 16, 16				16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16				16, 16, 16		25, 25, 25		25, 25, 25		25, 25, 25																		
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)				(3),(3),(3)				(3),(3),(3)				(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)				(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)																		
Longitudinal Rib1	Number	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb																	
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11																	
Longitudinal Rib2	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib																	
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8																	
Left Web	Height	3039.8	3039.8	3039.8	3039.8	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3034.1	3034.1	3034.1	3034.1																	
	Thickness	12(4)	12(4)	12(4)	12(4)	12(4)	12(4)	12(4)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(4)	12(4)	12(4)	12(4)	12(4)																		
Right Web	Height	2710	2710	2710	2710	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2705	2705	2705	2705	2705																		
	Thickness	12(4)	12(4)	12(4)	12(4)	12(4)	12(4)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(3)	12(4)	12(4)	12(4)	12(4)	12(4)																			
Lower flange Vertical rib	Number	5	5	5	5				5				5				5		5		5				2		2		5		5		5																		
	Width	220	220	220	220				220				220				220		220		220				220		220		220		220																				
	Thickness	19(4)	19(4)	19(4)	19(4)				19(3)				19(3)				19(3)		19(3)		19(3)				19(4)		19(4)		19(4)		19(4)																				
Lflg W=1850 T	37(4)	39(4)	33(4)	18(4)				14(3)				14(3)				20(3)		20(3)		20(3)		15(3)				22(4)		44(8)		50(8)		42(8)																			
Deck Plate	σ	151	178	178	154	94	-16	40	-16	41	-63	1	-63	1	-95	-106	-106	-103	-85	-47	14	-49	15	58	120	154	176	176	146	146	146	146																			
	σ _a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210																		
	σ _{a-σ}	59	32	32	56	116	194	170	194	169	147	209	147	209	115	104	104	107	125	163	196	161	195	152	90	56	34	34	64	64	64	64																			
Lower flange	σ	-199	-227	-227	-215	-156	26	-67	29	-74	114	-3	114	-3	172	169	170	165	150	83	-25	99	-30	-118	-208	-210	-223	-223	-205	-205	-205	-205																			
	σ _a	255	255	255	255	200	255	200	210	121	210	121	210	121	210	210	210	210	210	210	139	210	139	139	250	255	255	255	255	255	255	255																			
	σ _{a-σ}	56	28	28	40	44	229	133	181	47	96	118	96	118	38	41	40	45	60	127	114	111	109	21	42	45	32	32	50	50	50																				
Web	τ	72	75	72	69	57	45	45	45	45	34	34	34	34	23	14	13	17	28	37	37	38	38	49	60	73	76	79	75	75	75																				
	τ _a	145	145	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	145																				
	Combined	0.76	0.95	0.94	0.84	0.46	0.10	0.13	0.14	0.20	0.33	0.08	0.33	0.08	0.68	0.64	0.65	0.62	0.53	0.21	0.10	0.27	0.10	0.39	0.75	0.83	0.93	0.95	0.81	0.81	0.81																				
Calculated points	J-59	Max Left	Max Right	J-60	J-61	Right	Right	J-62	J-62	J-63	J-63	Left	Left	J-64	J-65		J-66	J-67	J-68	J-68	Left	Left	J-69	J-70	J-71	Max Left	Max Right	J-72	J-72	J-72	J-72																				
Stress of Net Area σ																																																			
Lflg σspl																																																			

BAGO RIBER BRIDGE G-1

- Grade (1):SM400 (5):SM400-H
- (2):SM490 (6):SM490-H
- (3):SM490Y (7):SM520-H
- (4):SM570 (8):SM570-H

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (6)	PACKAGE 2 DWG No. P2-SB-1026
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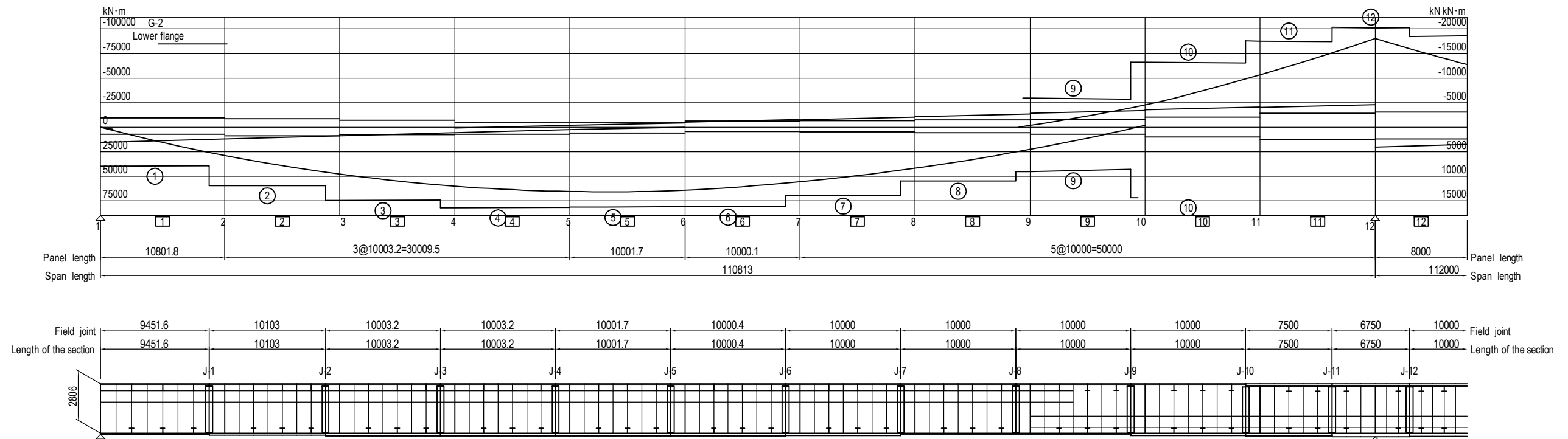
STRESS DIAGRAM OF MAIN GIRDER G1 (P13-P20) (7) S=1:400



		Unit: mm N/mm ²																				
		71	72			73	74			75			76	77	78	79	80	81	82			
Section		Sec-71	Sec-72			Sec-73	Sec-74			Sec-75			Sec-76	Sec-77	Sec-78	Sec-79	Sec-80	Sec-81	Sec-82		Section	Grade
Deck Plate	Thickness	25, 25, 25	25, 25, 25			25, 25, 25	16, 16, 16			16, 16, 16			16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16		Thickness	Deck Plate
	Quality	(3),(3),(3)	(3),(3),(3)			(3),(3),(3)	(3),(3),(3)			(3),(3),(3)			(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)		Quality	
Longitudinal Rib1	Number	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	3-Bulb	Number	Longitudinal Rib1	
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	Section		
Longitudinal Rib2	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	Number	Longitudinal Rib2	
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	Section		
Left Web	Height	3034.1	3034.1	3034.1	3034.1	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	3044.3	Height	Left Web	
	Thickness	12(4)	12(4)			12(4)	12(4)			12(3)			12(4)	12(4)	12(4)	12(4)	12(4)	12(4)	12(4)	Thickness		
Right Web	Height	2705	2705	2705	2705	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	2714	Height	Right Web	
	Thickness	12(4)	12(4)			12(4)	12(4)			12(3)			12(4)	12(4)	12(4)	12(4)	12(4)	12(4)	12(4)	Thickness		
Lower flange Vertical rib	Number	5	5			5	2			2			2	2	2	2	2	2	2	Number	Lower flange Vertical rib	
	Width	220	220			220	220			220			220	220	220	220	220	220	220	Width		
	Thickness	19(4)	19(4)			19(4)	19(4)			19(3)			19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(3)	Thickness		
Lfig W=1850 T	44(8)	50(8)			42(8)	21(4)			17(3)			26(4)	38(4)	42(8)	42(8)	38(4)	24(4)	14(3)	Lfig W=1850 T			
Deck Plate	σ	154	176	176	146	104	-26	34	-27	34	-88	-133	-156	-163	-163	-152	-123	-63	0	σ	Deck Plate	
	σa	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	σa		
	σa-σ	56	34	34	64	106	184	176	183	176	122	77	54	47	47	58	87	147	210	σa-σ		
Lower flange	σ	-210	-223	-223	-205	-184	47	-60	52	-67	170	214	206	204	204	201	206	132	0	σ	Lower flange	
	σa	255	255	255	255	243	255	243	210	176	210	255	255	255	255	255	255	210	210	σa		
	σa-σ	45	32	32	50	58	208	183	158	109	40	41	49	51	51	54	49	78	210	σa-σ		
Web	τ	73	76	79	75	63	51	51	51	51	41	33	22	13	12	25	37	47	58	τ	Web	
	τa	145	145	145	145	145	145	145	145	120	120	145	145	145	145	145	145	120	120	τa		
	Combined	0.83	0.93	0.95	0.81	0.62	0.12	0.12	0.18	0.19	0.71	0.72	0.64	0.61	0.61	0.61	0.68	0.46	0.24	Combined		
Calculated points	J-71	Max Left	Max Right	J-72	J-73	Right	Right	J-74	J-74	J-75	J-76	J-77		J-78	J-79	J-80	J-81	Right	Calculated points			
Stress of Net Area σ																				Stress of Net Area σ		
Lfig σspl																				Lfig σspl		

BAGO RIBER BRIDGE G-1

STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (1) S=1:400

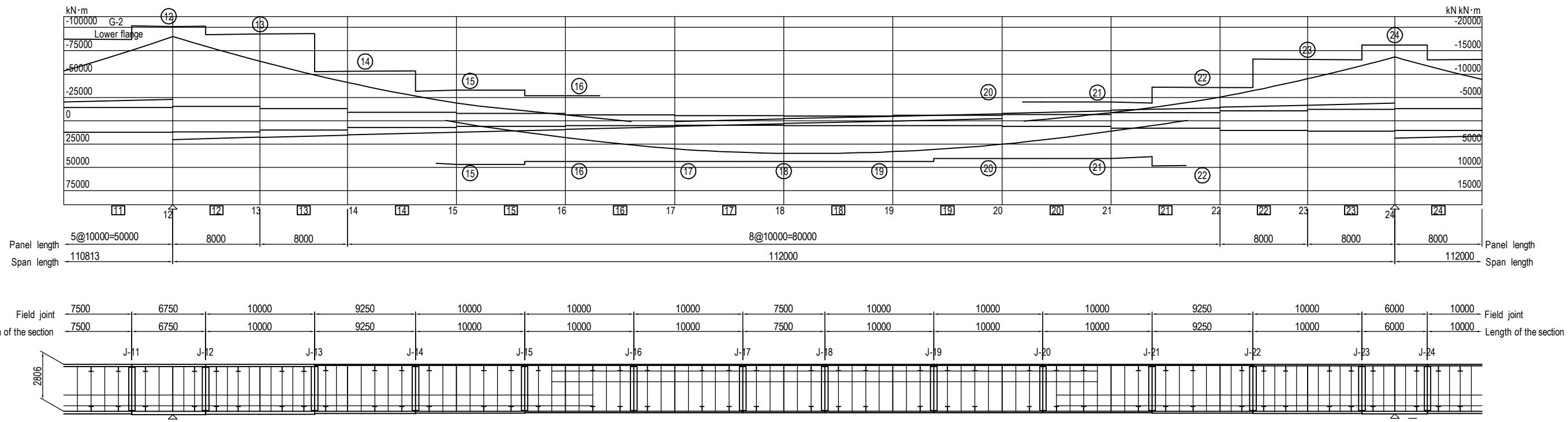


		Unit: mm N/mm ²																											
		1	2	3	4	5	6	7	8	9	10	11	12	13															
Section		Sec-1		Sec-2		Sec-3		Sec-4		Sec-5		Sec-6		Sec-7		Sec-8		Sec-9		Sec-10		Sec-11		Sec-12		Sec-13		Section	
Deck Plate	Thickness	16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		22, 22, 22		27, 27, 27		27, 27, 27		27, 27, 27		Thickness Deck Plate			
	Quality	(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		Quality			
Longitudinal Rib1	Number	6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		Number Longitudinal Rib1	
	Section	320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		Section	
Longitudinal Rib2	Number	5-Bulb		5-Bulb		5-Bulb		4-Bulb		4-Bulb		4-Bulb		4-Bulb		2-Bulb		2-Bulb		2-Bulb		2-Bulb		2-Bulb		2-Bulb		Number Longitudinal Rib2	
	Section	230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		230*11		Section	
Left Web	Height	2747		2746.9		2746.9		2746.9		2746.9		2747		2747		2747		2747		2741		2741		2736		2736		Height Left Web	
	Thickness	11(3)		11(4)		11(4)		11(4)		11(4)		11(4)		11(4)		11(4)		11(3)		13(4)		13(4)		13(4)		11(4)		Thickness	
Right Web	Height	2801		2801.1		2801.1		2801.1		2801.1		2801		2801		2801		2801		2795		2795		2790		2790		Height Right Web	
	Thickness	11(3)		11(4)		11(4)		11(4)		11(4)		11(4)		11(4)		11(4)		11(3)		13(4)		13(4)		13(4)		11(4)		Thickness	
Lower flange Vertical rib	Number	3		3		3		3		3		3		3		3		3		7		7		7		7		Number Lower flange Vertical rib	
	Width	220		220		220		220		220		220		220		220		220		220		220		240		220		Width	
Lflg W=2940 T	Thickness	19(3)		19(4)		19(4)		19(4)		19(4)		19(4)		19(4)		19(4)		19(3)		19(3)		19(4)		19(4)		19(4)		Thickness	
	Lflg W=1850 T	14(3)		20(4)		28(4)		32(4)		32(4)		26(4)		18(4)		18(4)		18(3)		27(4)		32(4)		40(4)		35(4)		Lflg W=1850 T	
Deck Plate	σ	0		-73		-128		-165		-185		-186		-185		-167		-140		-81		-5		63		-4		σ Deck Plate	
	σa	210		210		210		210		210		210		210		210		210		210		210		210		210		σa	
	σa-σ	210		137		82		45		25		24		25		43		70		129		205		147		206		σa-σ	
Lower flange	σ	0		138		198		203		205		208		205		210		206		118		8		-96		5		σ Lower flange	
	σa	210		210		255		255		255		255		255		255		255		210		210		139		255		σa	
	σa-σ	210		72		57		52		50		47		50		45		49		92		202		43		250		σa-σ	
Web	τ	70		58		44		31		20		17		22		34		44		56		70		70		58		τ Web	
	τa	120		120		145		145		145		145		145		145		145		120		120		145		145		τa	
	Combined	0.34		0.57		0.66		0.65		0.63		0.64		0.63		0.68		0.70		0.45		0.34		0.43		0.16		Combined	
Calculated points	Left		J-1		J-2		J-3		J-4		J-5		J-6		J-7		J-8		J-9		J-9		Left		Left		Calculated points		
Stress of Net Area σ																							Left		Max Right		Stress of Net Area σ		
Lflg σspl																											Lflg σspl		

BAGO RIBER BRIDGE G-2
 Grade (1):SM400
 (2):SM490
 (3):SM490Y
 (4):SM570

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (1)	PACKAGE 2 DWG No. P2-SB-1028
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STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (2) S=1:400

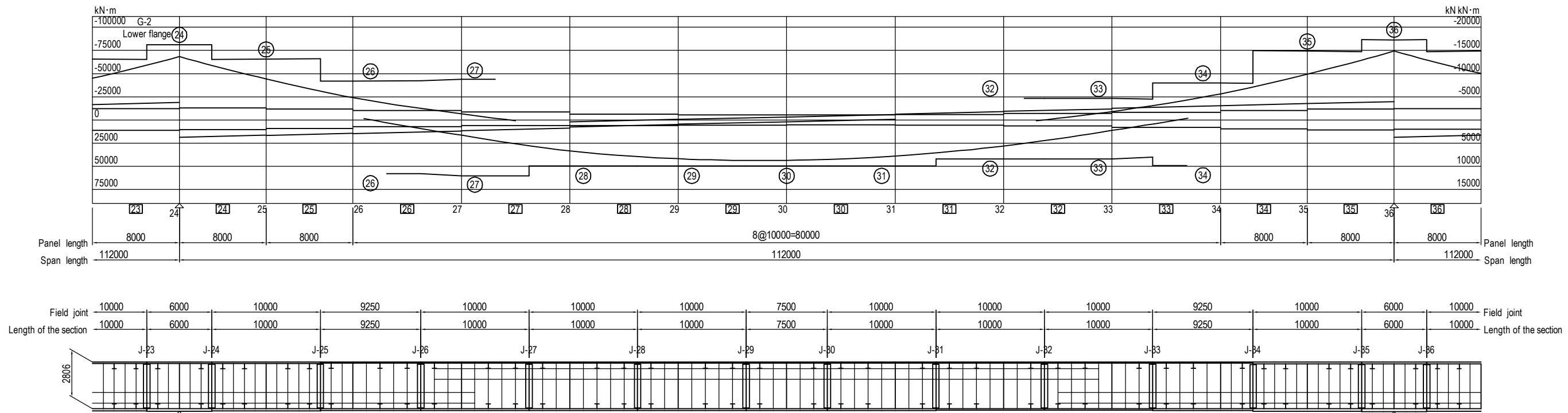


		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25													
Section		Sec-11	Sec-12	Sec-13	Sec-14	Sec-15	Sec-16	Sec-17	Sec-18	Sec-19	Sec-20	Sec-21	Sec-22	Sec-23	Sec-24	Sec-25													
Deck Plate	Thickness	27, 27, 27	27, 27, 27	27, 27, 27	22, 22, 22	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	19, 19, 19	19, 19, 19	19, 19, 19													
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)													
Longitudinal Rib1	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib													
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8													
Longitudinal Rib2	Number	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb													
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11													
Left Web	Height	2736	2736	2736	2736	2741	2747	2747	2747	2747	2747	2747	2747	2744	2744	2744													
	Thickness	13(4)	13(4)	11(4)	11(4)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(4)	11(4)	11(4)													
Right Web	Height	2790	2790	2790	2790	2795	2801	2801	2801	2801	2801	2801	2801	2798	2798	2798													
	Thickness	13(4)	13(4)	11(4)	11(4)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(4)	11(4)	11(4)													
Lower flange Vertical rib	Number	7	7	7	3	3	3	3	3	3	3	3	3	7	7	7													
	Width	220	240	220	220	220	220	220	220	220	220	220	220	220	220	220													
	Thickness	19(4)	19(4)	19(4)	19(4)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(4)	19(4)	19(4)													
Lfig W=2940 T	32(4)	40(4)	35(4)	24(4)	19(3)	17(3)	17(3)	17(3)	17(3)	17(3)	15(3)	15(3)	20(3)	27(4)	27(4)														
Deck Plate	σ	164	193	193	174	127	84	-40	33	-40	34	-84	-109	-113	-113	-101	-67	4	-67	4	-17	46	-17	45	103	165	191	191	164
	σ_a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	$\sigma_a - \sigma$	46	17	17	36	83	126	170	177	170	176	126	101	97	97	109	143	206	143	206	193	164	193	165	107	45	19	46	
Lower flange	σ	-214	-218	-218	-216	-196	-125	57	-48	61	-51	127	165	171	170	162	108	-7	108	-7	29	-78	24	-65	-148	-194	-225	-225	-193
	σ_a	255	255	255	255	213	148	210	148	210	129	210	210	210	210	210	210	104	210	104	210	104	210	156	156	255	255	255	
	$\sigma_a - \sigma$	41	37	37	39	17	23	153	100	149	77	83	45	39	40	48	102	98	102	98	181	26	186	91	8	61	30	30	62
Web	τ	79	82	75	85	74	60	48	48	48	48	35	22	16	18	28	40	40	40	40	55	55	54	54	68	78	82	82	79
	τ_a	145	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	145	145	145	
	Combined	0.91	0.96	0.92	0.98	0.77	0.52	0.18	0.16	0.19	0.17	0.42	0.63	0.66	0.66	0.62	0.33	0.11	0.33	0.11	0.21	0.27	0.21	0.24	0.71	0.79	1.00	1.00	0.79
Calculated points	J-11	Max Left	Max Right	J-12	J-13	J-14	Right	Right	J-15	J-15	J-16	J-17	J-18	J-19	J-20	J-20	Left	Left	J-21	J-21	Left	Left	J-22	J-23	Max Left	Max Right	J-24		
Stress of Net Area σ																													
Lfig σ_{spl}																													

BAGO RIBER BRIDGE G-2
 Grade (1):SM400
 (2):SM490
 (3):SM490Y
 (4):SM570

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (2)	PACKAGE 2 DWG No. P2-SB-1029
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STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (3) S=1:400

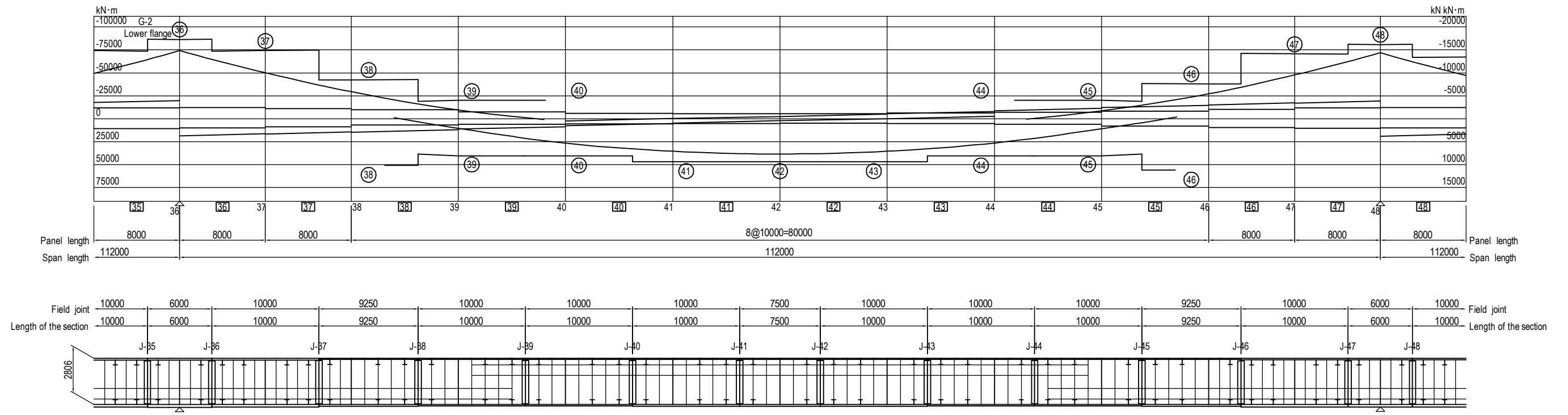


		Unit: mm N/mm ²																													
		23		24		25		26		27		28		29		30		31		32		33		34		35		36		37	
Section		Sec-23		Sec-24		Sec-25		Sec-26		Sec-27		Sec-28		Sec-29		Sec-30		Sec-31		Sec-32		Sec-33		Sec-34		Sec-35		Sec-36		Sec-37	
Deck Plate	Thickness	19, 19, 19	19, 19, 19	19, 19, 19	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	
Longitudinal Rib1	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	
Longitudinal Rib2	Number	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	
Left Web	Height	2744	2744	2744	2744	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	
	Thickness	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(4)	11(4)	
Right Web	Height	2798	2798	2798	2798	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	
	Thickness	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(4)	11(4)		
Lower flange Vertical rib	Number	7	7	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	7	7		
	Width	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	
Lflg W=2940 T	Thickness	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(4)	19(4)	19(4)		
	Quality	27(4)	27(4)	27(4)	21(4)	21(4)	21(4)	21(4)	21(4)	21(4)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(3)	21(4)	21(4)	21(4)	21(4)	
Deck Plate	σ	165	191	191	164	99	-30	40	-30	40	-87	-87	-124	-137	-137	-134	-115	-73	0	-73	0	-14	50	-14	49	113	163	188	188	163	
	σ _a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	σ _{a-σ}	45	19	19	46	111	180	170	180	170	123	123	86	73	73	76	95	137	210	137	210	196	160	196	161	97	47	22	22	47	
Lower flange	σ	-194	-225	-225	-193	-139	41	-56	41	-56	118	118	168	185	186	181	179	113	-1	113	-1	23	-82	19	-66	-154	-196	-227	-227	-197	
	σ _a	255	255	255	255	185	255	185	255	185	255	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	σ _{a-σ}	61	30	30	62	46	214	129	214	129	137	92	42	25	24	29	31	97	116	97	116	187	35	191	104	16	59	28	28	58	
Web	τ	78	82	82	79	69	59	59	59	59	46	46	29	17	16	22	33	46	46	46	46	59	59	58	58	70	81	84	81	77	
	τ _a	145	145	145	145	145	145	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	145	145	145	145	
	Combined	0.79	1.00	1.00	0.79	0.45	0.17	0.17	0.17	0.17	0.28	0.42	0.67	0.78	0.78	0.75	0.77	0.38	0.14	0.38	0.14	0.24	0.31	0.24	0.27	0.77	0.82	1.03	1.01	0.80	
Calculated points	J-23	Max Left	Max Right	J-24	J-25	J-26	J-26	Left	Left	Right	J-27	J-28	J-29	J-30	J-31	J-32	J-32	Left	Left	J-33	J-33	Left	Left	J-34	J-35	Max Left	Max Right	J-36	J-36		
Stress of Net Area σ																															
Lflg osp																															

BAGO RIBER BRIDGE G-2
 Grade (1):SM400
 (2):SM490
 (3):SM490Y
 (4):SM570

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (3)	PACKAGE 2 DWG No. P2-SB-1030
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STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (4) S=1:400

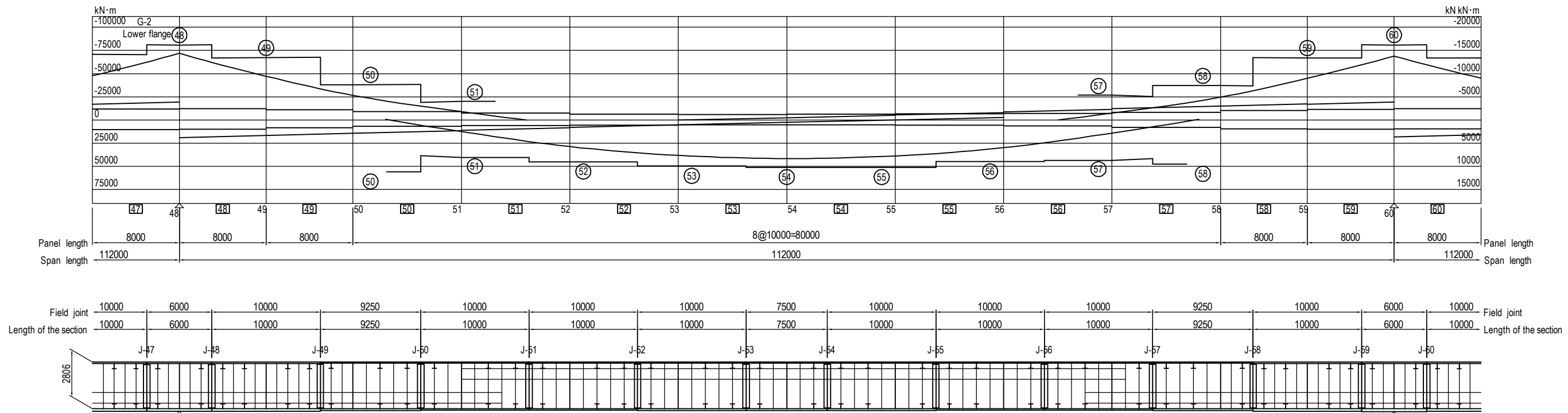


		Unit: mm N/mm ²																																							
		35		36		37		38				39				40				41		42		43		44				45				46		47		48		49	
		Sec-35		Sec-36		Sec-37		Sec-38				Sec-39				Sec-40				Sec-41		Sec-42		Sec-43		Sec-44				Sec-45				Sec-46		Sec-47		Sec-48		Sec-49	
Deck Plate	Thickness	22, 22, 22	22, 22, 22	22, 22, 22	16, 16, 16				16, 16, 16				16, 16, 16				16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16				16, 16, 16				21, 21, 21		21, 21, 21		21, 21, 21				
	Quality	(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)				(3),(3),(3)				(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)				(3),(3),(3)				(3),(3),(3)		(3),(3),(3)		(3),(3),(3)			
Longitu-dinal Rib1	Number	6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib				6-U-Rib				6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib		6-U-Rib				6-U-Rib				6-U-Rib		6-U-Rib		6-U-Rib			
	Section	320*240*8		320*240*8		320*240*8		320*240*8				320*240*8				320*240*8		320*240*8		320*240*8		320*240*8		320*240*8		320*240*8				320*240*8				320*240*8		320*240*8		320*240*8			
Longitu-dinal Rib2	Number	2-Bulb		2-Bulb		2-Bulb		2-Bulb				2-Bulb				2-Bulb		2-Bulb		2-Bulb		2-Bulb		2-Bulb		2-Bulb				2-Bulb				2-Bulb		2-Bulb		2-Bulb			
	Section	230*11		230*11		230*11		230*11				230*11				230*11		230*11		230*11		230*11		230*11		230*11				230*11				230*11		230*11		230*11			
Left Web	Height	2741	2741	2741	2741	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747					
	Thickness	11(4)		11(4)		11(4)		11(3)				11(3)				11(3)		11(3)		11(3)		11(3)		11(3)		11(3)				11(3)				11(4)		11(4)		11(4)			
Right Web	Height	2795	2795	2795	2795	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801					
	Thickness	11(4)		11(4)		11(4)		11(3)				11(3)				11(3)		11(3)		11(3)		11(3)		11(3)		11(3)				11(3)				11(4)		11(4)		11(4)			
Lower flange Vertical rib	Number	7		7		7		3				3				3		3		3		3		3		3				3				7		7		7			
	Width	220		220		220		220				220				220		220		220		220		220		220				220				220		220		220			
	Thickness	19(4)		19(4)		19(4)		19(3)				19(3)				19(3)		19(3)		19(3)		19(3)		19(3)		19(3)				19(3)				19(4)		19(4)		19(4)			
Lflg W=2940 T		30(4)		30(4)		30(4)		23(3)				15(3)				15(3)		15(3)		15(3)		15(3)		15(3)		15(3)				15(3)				20(4)		29(4)		31(4)			
Deck Plate	σ	163	188	188	163	116	-11	50	-12	53	-70	4	-70	4	-108	-121	-122	-121	-107	-69	1	-69	1	-14	49	-14	47	110	163	187	187	162	162	162							
	σ _a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210							
	σ _{a-σ}	47	22	22	47	94	199	160	198	157	140	206	140	206	102	89	88	89	103	141	209	141	209	196	161	196	163	100	47	23	23	48	48								
Lower flange	σ	-196	-227	-227	-197	-154	15	-67	19	-89	112	-6	112	-6	173	172	172	172	172	112	-2	112	-2	24	-81	20	-68	-158	-194	-215	-215	-198	-198								
	σ _a	255	255	255	255	176	210	176	210	104	210	104	210	104	210	210	210	210	210	210	104	210	104	210	104	255	174	255	255	255	255	255	255								
	σ _{a-σ}	59	28	28	58	22	195	109	191	15	98	98	98	98	37	38	36	38	38	98	102	98	102	186	23	235	106	16	61	40	40	57									
Web	τ	81	84	81	77	68	59	59	60	60	44	44	44	44	29	18	15	19	30	43	43	43	43	58	58	57	57	69	79	82	82	79	79								
	τ _a	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	145	145								
	Combined	0.82	1.03	1.01	0.80	0.76	0.24	0.28	0.25	0.33	0.37	0.14	0.37	0.14	0.70	0.68	0.69	0.68	0.70	0.36	0.13	0.36	0.13	0.23	0.29	0.15	0.18	0.54	0.80	0.94	0.94	0.82									
Calculated points		J-35	Max Left	Max Right	J-36	J-37	Right	Right	J-38	J-38	J-39	J-39	Left	Left	J-40	J-41		J-42	J-43	J-44	J-44	Left	Left	J-45	J-45	Left	Left	J-46	J-47	Max Left	Max Right	J-48									
Stress of Net Area σ																																									
Lflg σ _{spl}																																									

BAGO RIBER BRIDGE G-2
 Grade (1):SM400
 (2):SM490
 (3):SM490Y
 (4):SM570

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (4)	PACKAGE 2 DWG No. P2-SB-1031
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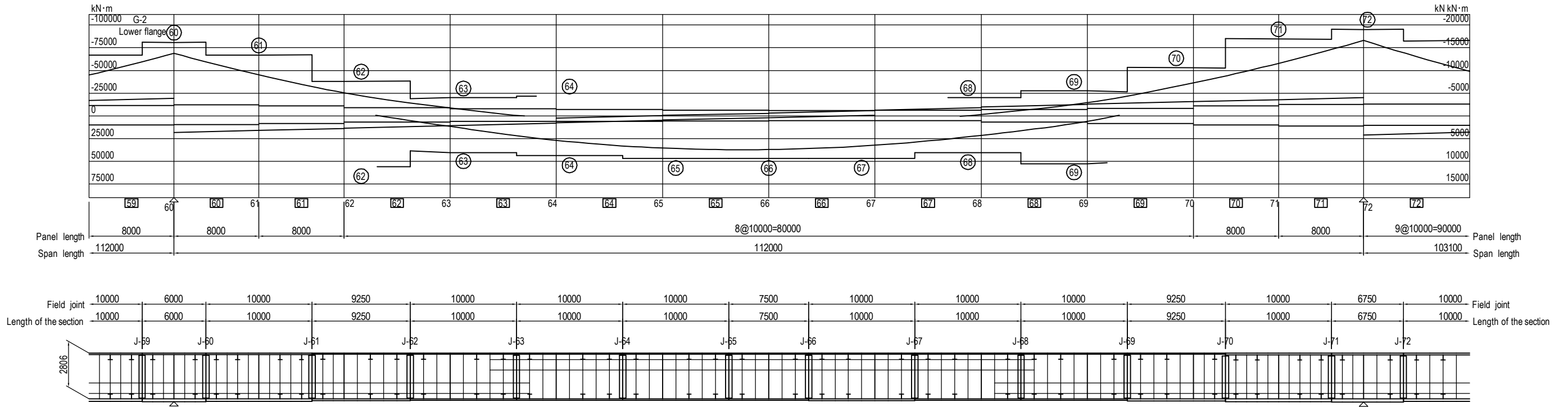
STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (5) S=1:400



		Unit: mm N/mm ²																													
		47		48		49		50		51		52		53		54		55		56		57		58		59		60		61	
Section		Sec-47		Sec-48		Sec-49		Sec-50		Sec-51		Sec-52		Sec-53		Sec-54		Sec-55		Sec-56		Sec-57		Sec-58		Sec-59		Sec-60		Sec-61	
Deck Plate	Thickness	21, 21, 21	21, 21, 21	21, 21, 21	21, 21, 21	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	20, 20, 20	20, 20, 20	20, 20, 20	20, 20, 20	20, 20, 20		
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	
Longitudinal Rib1	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	
Longitudinal Rib2	Number	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	
Left Web	Height	2742	2742	2742	2742	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2743	2743	2743	2743	2743	
	Thickness	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(4)	11(4)	11(4)	11(4)		
Right Web	Height	2796	2796	2796	2796	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2797	2797	2797	2797	2797	
	Thickness	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(3)	11(4)	11(4)	11(4)	11(4)		
Lower flange Vertical rib	Number	7	7	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	7	7	7	7	7		
	Width	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220	220		
	Thickness	19(4)	19(4)	19(4)	19(4)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(3)	19(4)	19(4)	19(4)	19(4)	19(4)		
Lflg W=2940 T		29(4)	31(4)	28(4)	20(4)	15(3)	18(3)	22(3)	22(3)	18(3)	22(3)	22(3)	22(3)	18(3)	22(3)	22(3)	18(3)	22(3)	22(3)	18(3)	22(3)	22(3)	18(3)	22(3)	28(4)	28(4)	28(4)	28(4)	28(4)		
Deck Plate	σ	163	187	187	162	108	-18	47	-19	49	-76	-113	-128	-130	-129	-116	-79	-24	42	-24	41	101	160	186	186	160	186	186	160	160	
	σa	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	σa-σ	47	23	23	48	102	192	163	191	161	134	97	82	80	81	94	131	186	168	186	169	109	50	24	24	50	24	24	50	50	
Lower flange	σ	-194	-215	-215	-198	-155	26	-68	31	-82	122	166	169	171	170	170	116	37	-64	33	-58	-141	-190	-221	-221	-190	-221	-221	-190		
	σa	255	255	255	255	174	255	174	210	104	210	210	210	210	210	210	210	210	139	210	163	163	255	255	255	255	255	255	255	255	
	σa-σ	61	40	40	57	19	229	106	179	23	88	44	41	39	40	40	94	173	74	177	105	22	65	34	34	65	34	34	65		
Web	τ	79	82	82	79	68	57	57	58	58	44	30	19	16	19	31	44	58	58	57	57	69	79	82	79	76	79	76	76	76	
	τa	145	145	145	145	145	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	145	145	
	Combined	0.80	0.94	0.94	0.82	0.52	0.15	0.18	0.23	0.30	0.42	0.66	0.65	0.66	0.66	0.69	0.39	0.23	0.25	0.23	0.24	0.68	0.77	0.98	0.96	0.76	0.96	0.76	0.76		
Calculated points	J-47	Max Left	Max Right	J-48	J-49	Right	Right	J-50	J-50	J-51	J-52	J-53	J-53	J-54	J-55	J-56	J-57	J-57	J-57	J-57	Left	Left	J-58	J-59	Max Left	Max Right	J-60	J-60	J-60		
Stress of Net Area σ																															
Lflg σspl																															

BAGO RIBER BRIDGE G-2
 Grade (1):SM400
 (2):SM490
 (3):SM490Y
 (4):SM570

STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (6) S=1:400



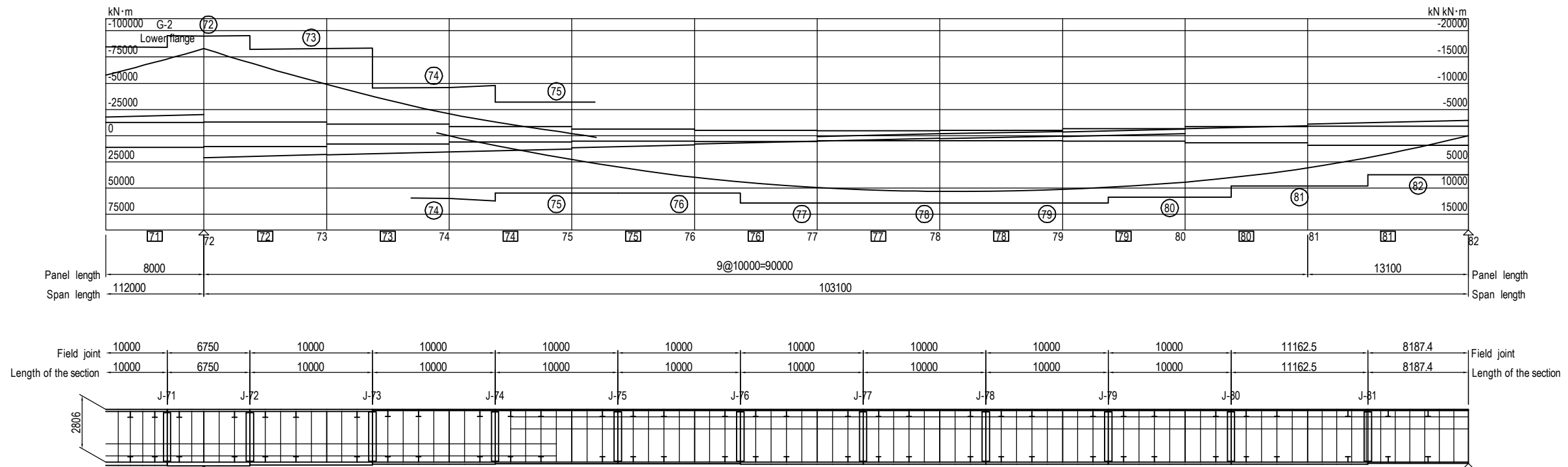
		Unit: mm N/mm ²																											
		59	60		61	62		63		64		65	66	67	68		69	70	71	72									
Section		Sec-59	Sec-60		Sec-61	Sec-62		Sec-63		Sec-64		Sec-65	Sec-66	Sec-67	Sec-68		Sec-69		Sec-70	Sec-71	Sec-72								
Deck Plate	Thickness	20, 20, 20	20, 20, 20		20, 20, 20	16, 16, 16		16, 16, 16		16, 16, 16		16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16		16, 16, 16		16, 16, 16	25, 25, 25	25, 25, 25								
	Quality	(3),(3),(3)	(3),(3),(3)		(3),(3),(3)	(3),(3),(3)		(3),(3),(3)		(3),(3),(3)		(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)		(3),(3),(3)		(3),(3),(3)	(3),(3),(3)	(3),(3),(3)								
Longitudinal Rib1	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib							
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8							
Longitudinal Rib2	Number	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb							
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11							
Left Web	Height	2743	2743	2743	2743	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2747	2738	2738							
	Thickness	11(4)	11(4)		11(4)	11(4)		11(3)		11(3)		11(3)	11(3)	11(3)	11(3)		11(4)		11(4)	11(4)	13(4)								
Right Web	Height	2797	2797	2797	2797	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2801	2792	2792							
	Thickness	11(4)	11(4)		11(4)	11(4)		11(3)		11(3)		11(3)	11(3)	11(3)	11(3)		11(4)		11(4)	11(4)	13(4)								
Lower flange Vertical rib	Number	7	7		7	3		3		3		3	3	3	3		3		3	7	7								
	Width	220	220		220	220		220		220		220	220	220	220		220		220	220	240								
	Thickness	19(4)	19(4)		19(4)	19(4)		19(3)		19(3)		19(3)	19(3)	19(3)	19(3)		19(4)		19(4)	19(4)	19(4)								
Lflg W=2940 T	28(4)	28(4)		28(4)	20(4)		15(3)		15(3)		19(3)	19(3)	19(3)	15(3)		17(4)		24(4)	34(4)	34(4)									
Deck Plate	σ	160	186	186	160	103	-17	45	-17	47	-71	2	-71	2	-108	-118	-118	-115	-94	-53	19	-53	19	70	138	168	190	190	
	σ _a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	σ _{a-σ}	50	24	24	50	107	193	165	193	163	139	208	139	208	102	92	92	95	116	157	191	157	191	140	72	42	20	20	
Lower flange	σ	-190	-221	-221	-190	-148	24	-65	29	-78	114	-3	114	-3	173	169	169	163	152	86	-30	80	-28	-111	-179	-204	-226	-226	
	σ _a	255	255	255	255	174	255	174	255	210	104	210	104	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	
	σ _{a-σ}	65	34	34	65	25	231	109	181	26	96	101	96	101	37	41	41	47	58	124	74	175	105	22	34	51	29	29	
Web	τ	79	82	79	76	66	54	54	55	55	43	43	43	43	30	18	17	22	34	48	48	48	48	61	72	82	73	76	
	τ _a	145	145	145	145	145	145	145	120	120	120	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	145	145
	Combined	0.77	0.98	0.96	0.76	0.48	0.14	0.16	0.21	0.27	0.37	0.13	0.37	0.13	0.71	0.65	0.65	0.62	0.56	0.26	0.16	0.17	0.11	0.30	0.66	0.88	0.95	0.97	
Calculated points		J-59	Max Left	Max Right	J-60	J-61	Right	Right	J-62	J-62	J-63	J-63	Left	Left	J-64	J-65		J-66	J-67	J-68	J-68	Left	Left	J-69	J-70	J-71	Max Left	Max Right	
Stress of Net Area σ																													
Lflg σ _{spl}																													

BAGO RIBER BRIDGE G-2

- Grade (1):SM400
- (2):SM490
- (3):SM490Y
- (4):SM570

PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	S. IMADA		15 Jun.2017	STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (6)	2
				T. HAYAKAWA		20 Jun.2017		DWG No.
				Y. SANO		21 Jun.2017		P2-SB-1033

STRESS DIAGRAM OF MAIN GIRDER G2 (P13-P20) (7) S=1:400

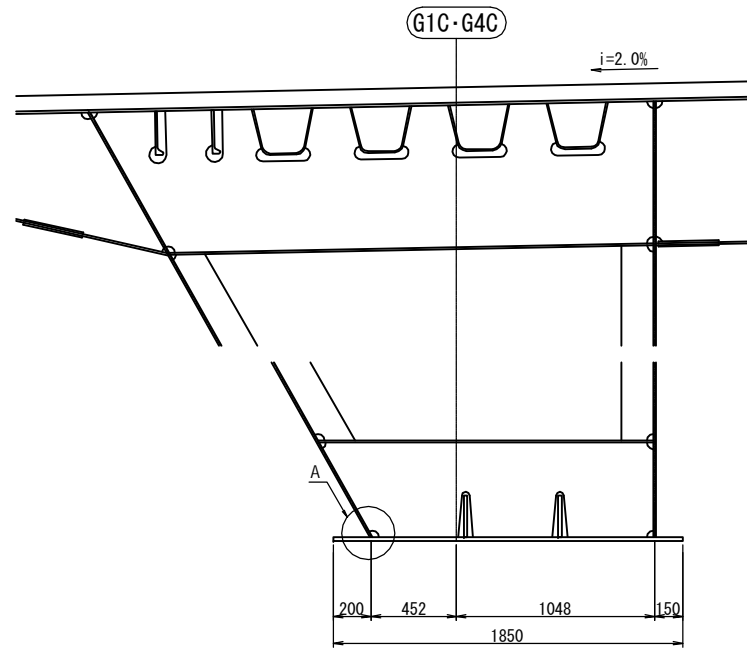


		71	72	73	74	75	76	77	78	79	80	81	82									
Section		Sec-71	Sec-72	Sec-73	Sec-74	Sec-75	Sec-76	Sec-77	Sec-78	Sec-79	Sec-80	Sec-81	Sec-82	Section	Section							
Deck Plate	Thickness	25, 25, 25	25, 25, 25	25, 25, 25	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	16, 16, 16	Thickness	Deck Plate							
	Quality	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	(3),(3),(3)	Quality								
Longitudinal Rib1	Number	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	6-U-Rib	Number	Longitudinal Rib1							
	Section	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	320*240*8	Section								
Longitudinal Rib2	Number	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	2-Bulb	Number	Longitudinal Rib2							
	Section	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	230*11	Section								
Left Web	Height	2738	2738	2738	2738	2747	2747	2747	2747	2747	2747	2747	2747	Height	Left Web							
	Thickness	11(4)	13(4)	13(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(3)	Thickness								
Right Web	Height	2792	2792	2792	2801	2801	2801	2801	2801	2801	2801	2801	2801	Height	Right Web							
	Thickness	11(4)	13(4)	13(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(4)	11(3)	Thickness								
Lower flange Vertical rib	Number	7	7	7	3	3	3	3	3	3	3	3	3	Number	Lower flange Vertical rib							
	Width	220	240	220	220	220	220	220	220	220	220	220	220	Width								
Lflg W=2940 T	Thickness	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(4)	19(3)	19(3)	Thickness								
	Lflg W=1850 T	34(4)	34(4)	32(4)	22(4)	18(4)	18(4)	23(4)	23(4)	23(4)	20(4)	20(3)	13(3)	Lflg W=1850 T								
Deck Plate	σ	168	190	190	159	119	-30	41	-30	42	-95	-141	-160	-166	-165	-156	-127	-69	0	σ	Deck Plate	
	σ_a	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	210	σ_a	
	$\sigma_a - \sigma$	42	20	20	51	91	180	169	180	168	115	69	50	44	45	54	83	141	210	210	$\sigma_a - \sigma$	
Lower flange	σ	-204	-226	-226	-198	-162	39	-54	44	-61	140	207	206	213	212	216	176	119	0	0	σ	Lower flange
	σ_a	255	255	255	255	195	255	195	255	148	255	255	255	255	255	255	210	210	210	210	σ_a	
	$\sigma_a - \sigma$	51	29	29	57	33	216	141	211	87	115	48	49	42	43	39	34	91	210	210	$\sigma_a - \sigma$	
Web	τ	82	73	76	73	76	62	62	63	63	46	32	21	15	15	25	38	57	65	65	τ	Web
	τ_a	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	120	120	120	120	τ_a	
	Combined	0.88	0.95	0.97	0.78	0.59	0.18	0.18	0.19	0.19	0.36	0.68	0.65	0.68	0.68	0.72	0.76	0.45	0.30	0.30	Combined	
Calculated points	J-71	Max Left	Max Right	J-72	J-73	Right	Right	J-74	J-74	J-75	J-76	J-77	J-78	J-79	J-80	J-81	Right				Calculated points	
Stress of Net Area σ																					Stress of Net Area σ	
Lflg σ_{spl}																						

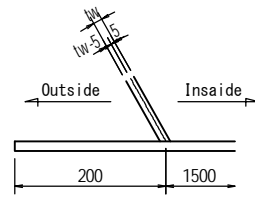
BAGO RIBER BRIDGE G-2
 Grade (1):SM400
 (2):SM490
 (3):SM490Y
 (4):SM570

COMMON DETAIL (PF2-PF5) (1) S=1:20

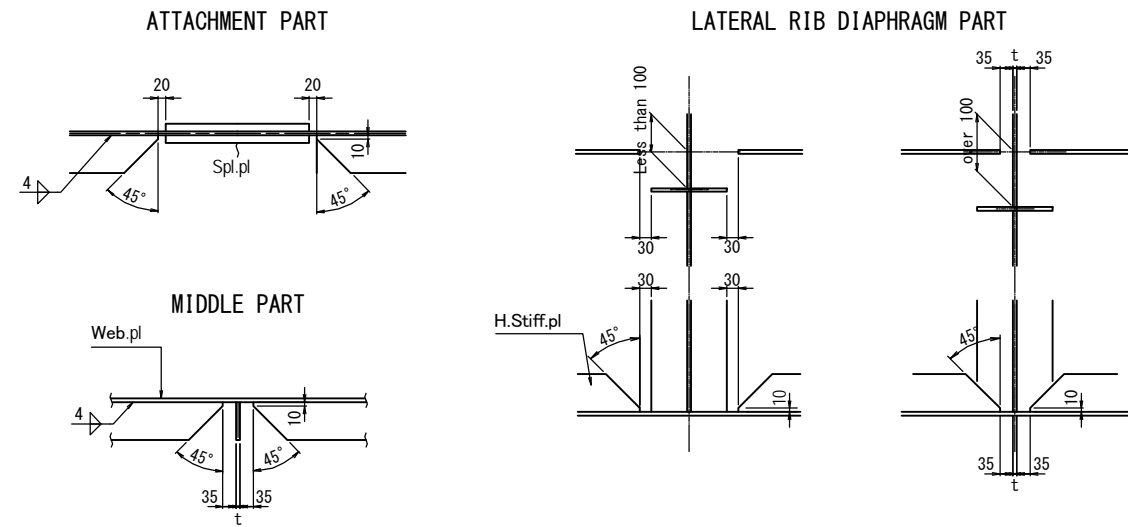
PLATE THICKNESS CHANGE DETAIL S=1:40



A DETAIL S=1:10

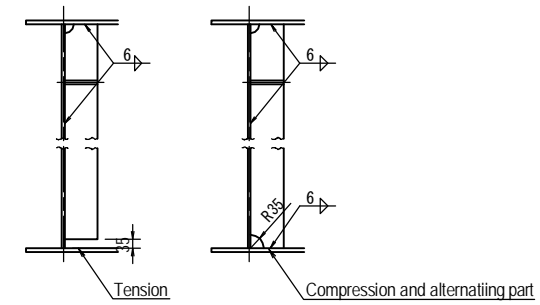


HORIZONTAL STIFFENER DETAIL

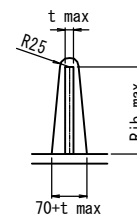


STIFFENER WELDING DETAILS

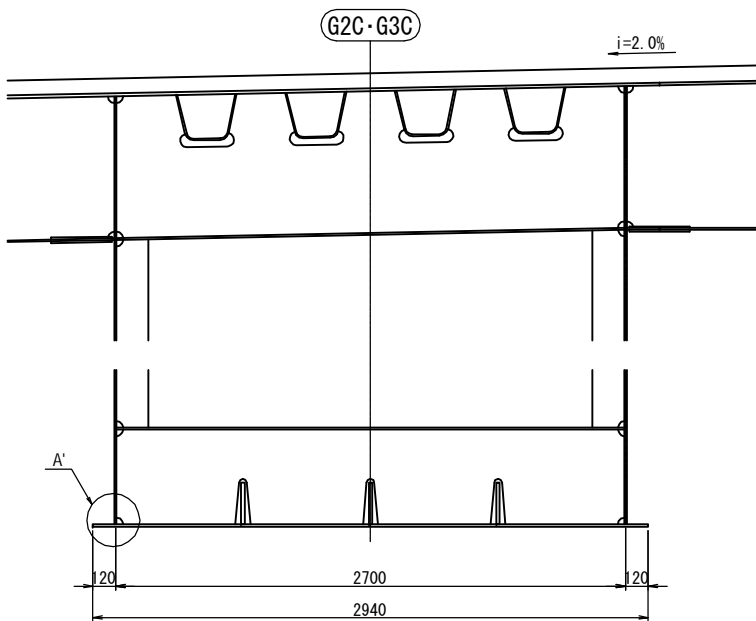
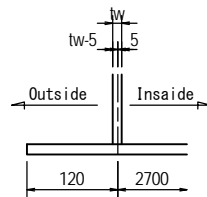
MIDDLE PART



SCALLOP DETAIL



A' DETAIL S=1:10



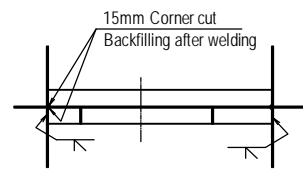
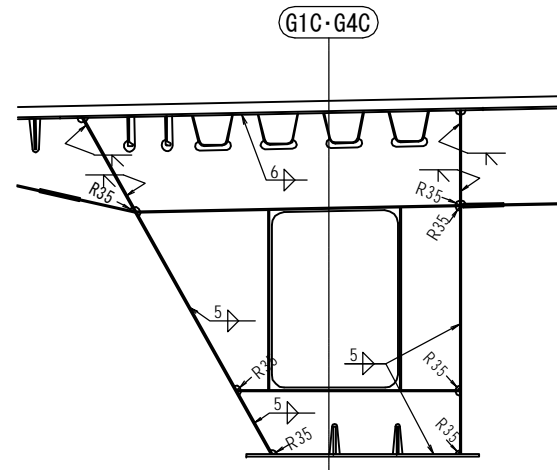
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA		15 Jun.2017	COMMON DETAIL (1)	2
				T. HAYAKAWA		20 Jun.2017		DWG No.
				Y. SANO		21 Jun.2017		P2-SB-1031

COMMON DETAIL (2)

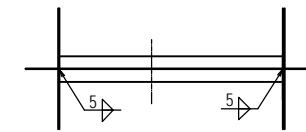
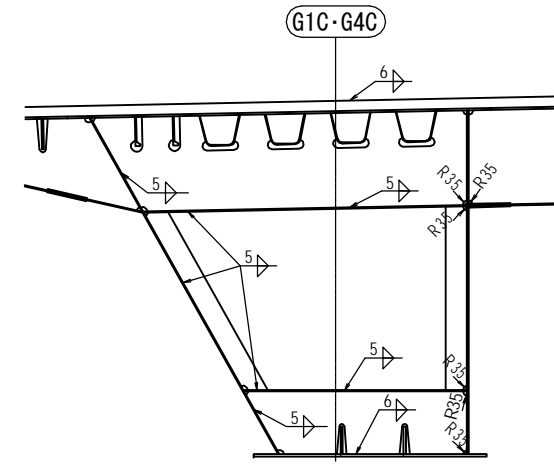
S=1:60

WEB AND DIAPHRAGM MOUNTING DETAIL

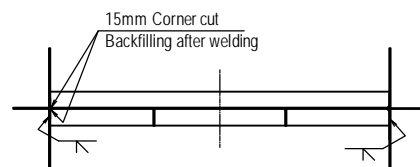
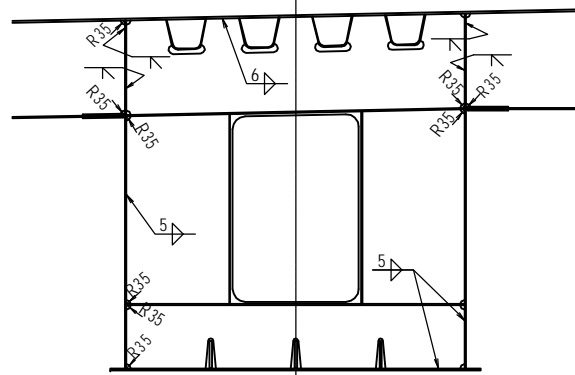
GRANTED PART



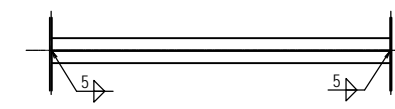
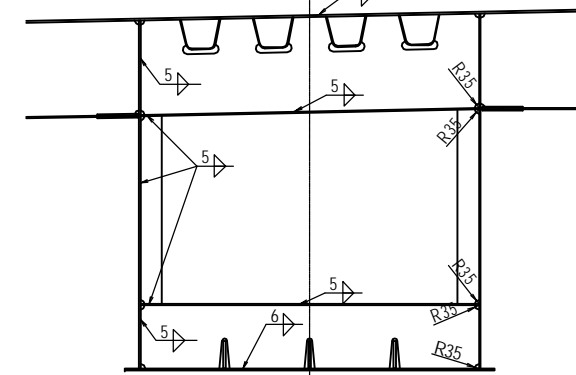
CROSS RIB



G2C-G3C



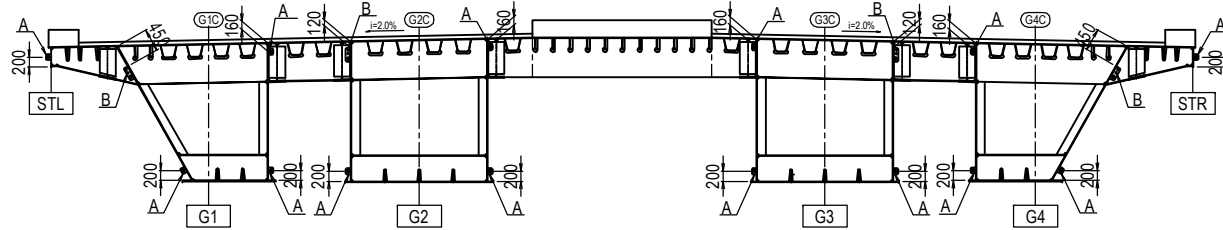
G2C-G3C



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE COMMON DETAIL (2)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO			21 Jun.2017	P2-SB-1032

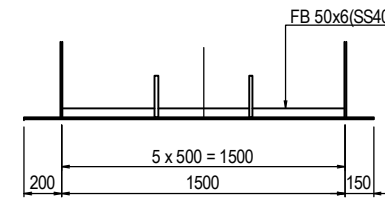
COMMON DETAIL (3) S=1:20

HANGING BRACKET INSTALLATION POSITION FOR SCAFFOLD S=1:150

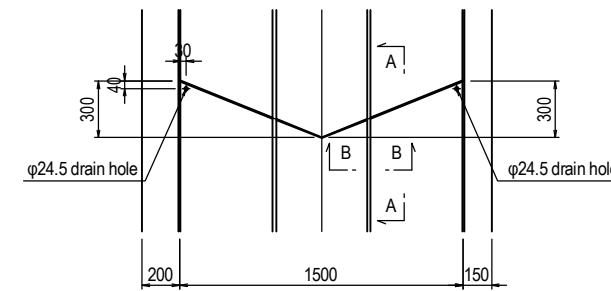


DRAIN DETAIL S=1:40

G1-G4

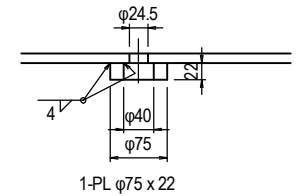


2-PL 50 x 6 x 523(SM400A)
1-PL 50 x 6 x 516(SM400A)
2-PL φ75 x 22(SM400A)

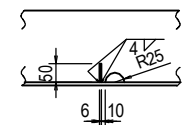


2-PL 50 x 6 x 677(SM400A)
2-PL 50 x 6 x 672(SM400A)
2-PL φ75 x 22(SM400A)

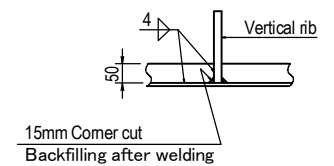
DRAIN HOLE DETAIL S=1:10



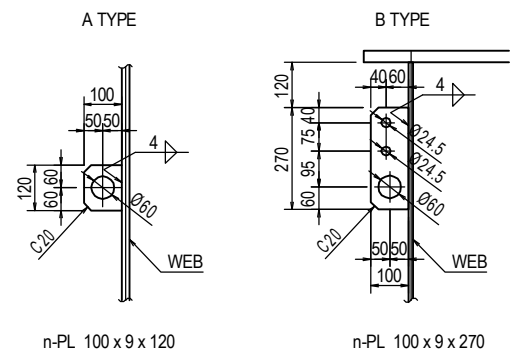
A - A S=1:20



B - B S=1:20



HANGING BRACKET DETAIL



Mounting position	n	
	A TYPE	B TYPE
STL	657	-
G1	990	330
G2	990	330
G3	990	330
G4	990	330
STR	657	-

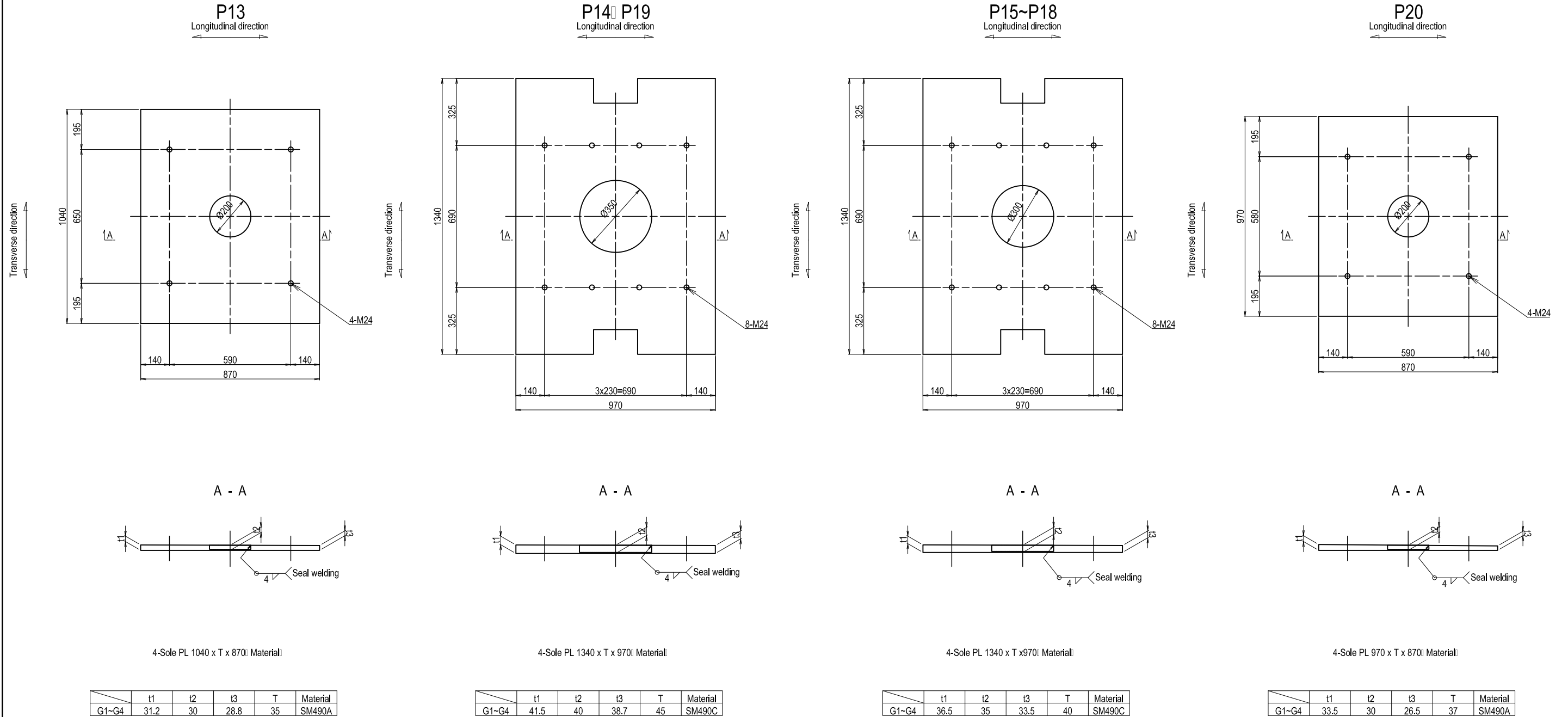
- Note
- All material without the reports is made SM400A
 - ⊕ : High-tension bolt M22 (S10T)
 - All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE COMMON DETAIL (3)	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1033

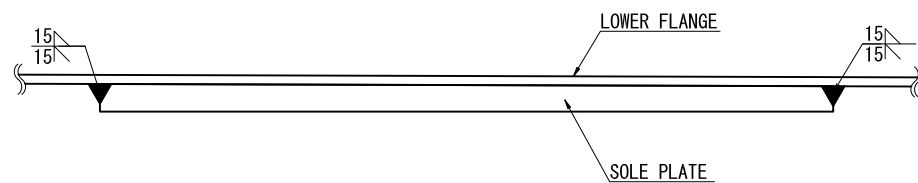
COMMON DETAIL (5)

S=1:20

SOLE PLATE DETAIL



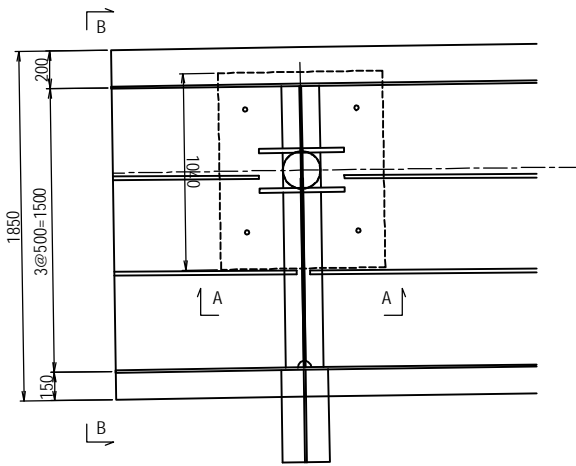
Welding of the sole plate s=1:10



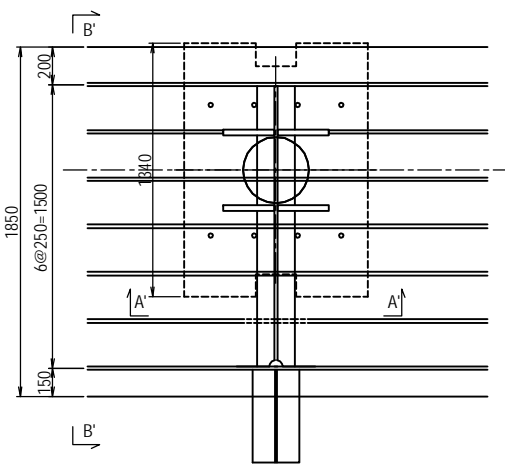
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE COMMON DETAIL (5)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO		21 Jun.2017	P2-SB-1035	

COMMON DETAIL (G1,G4) (6) S=1:40

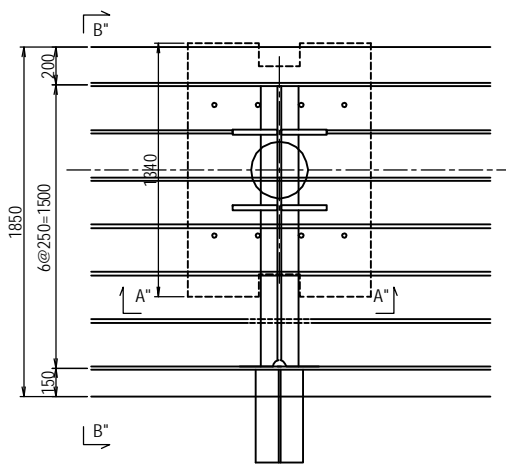
P13



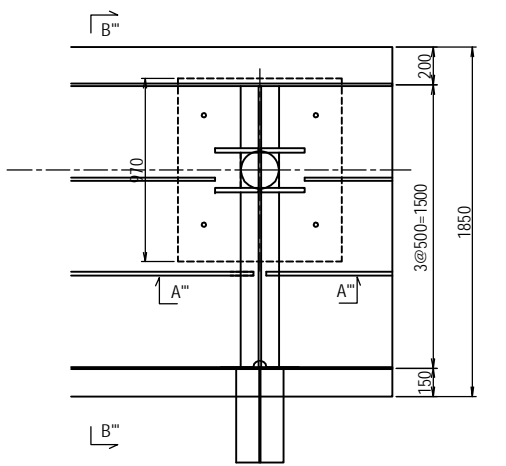
P14-P19



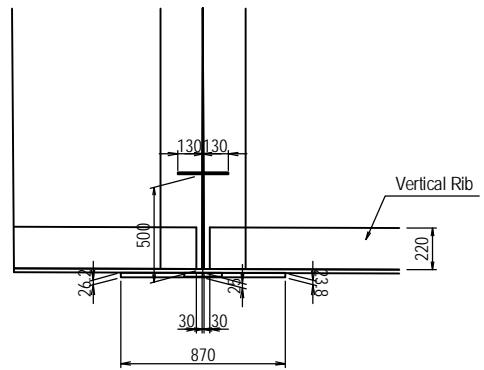
P15-P18



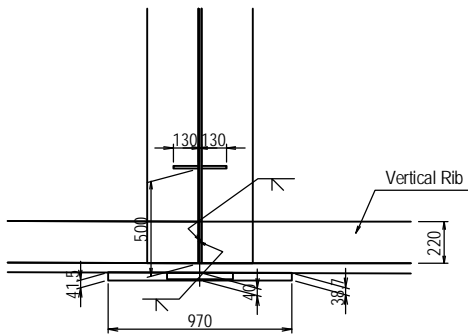
P20



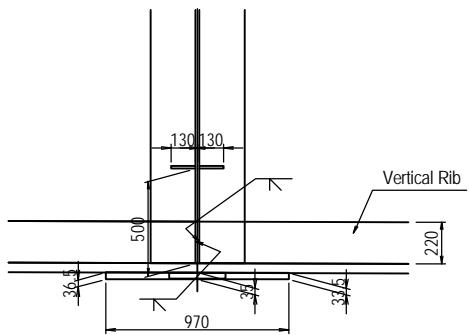
A - A



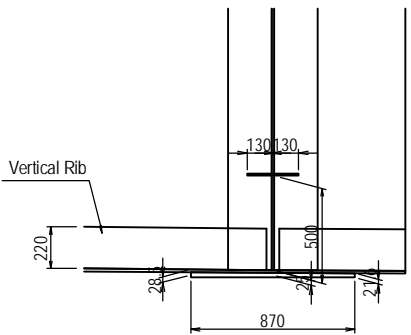
A' - A'



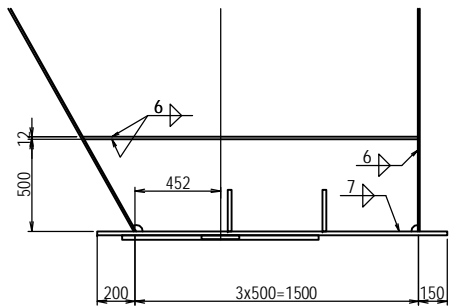
A'' - A''



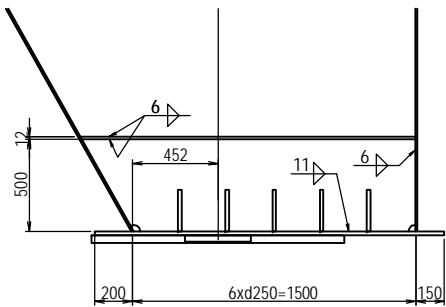
A''' - A'''



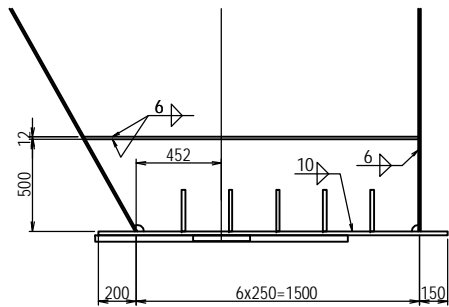
B - B



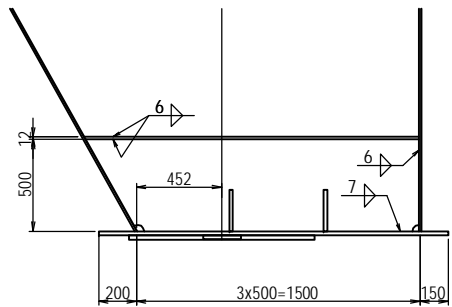
B' - B'



B'' - B''

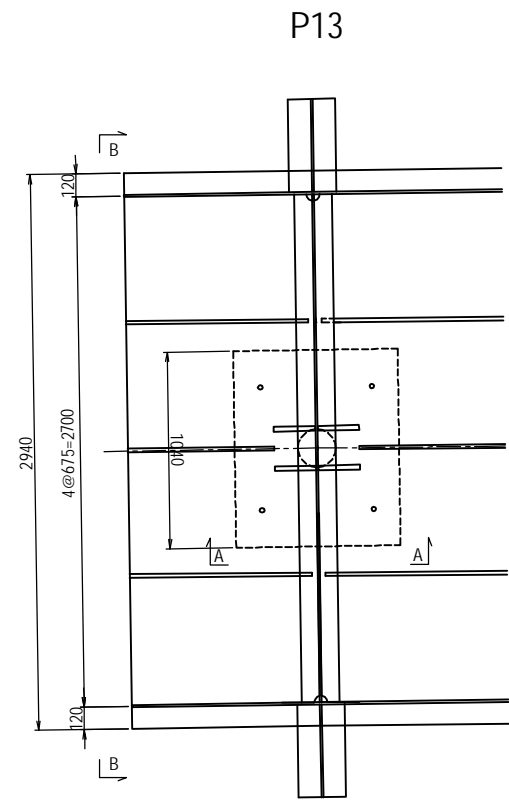


B''' - B'''

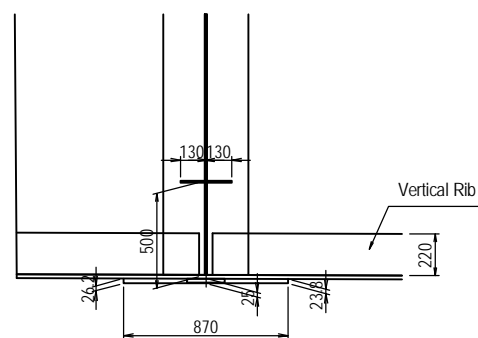


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE COMMON DETAIL (G1,G4) (6)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO			21 Jun.2017	P2-SB-1036

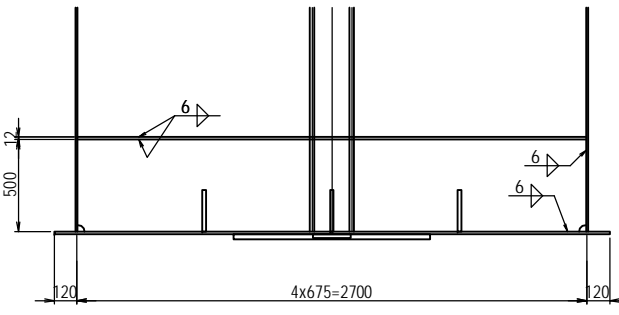
COMMON DETAIL (G2,G3) (7) S=1:40



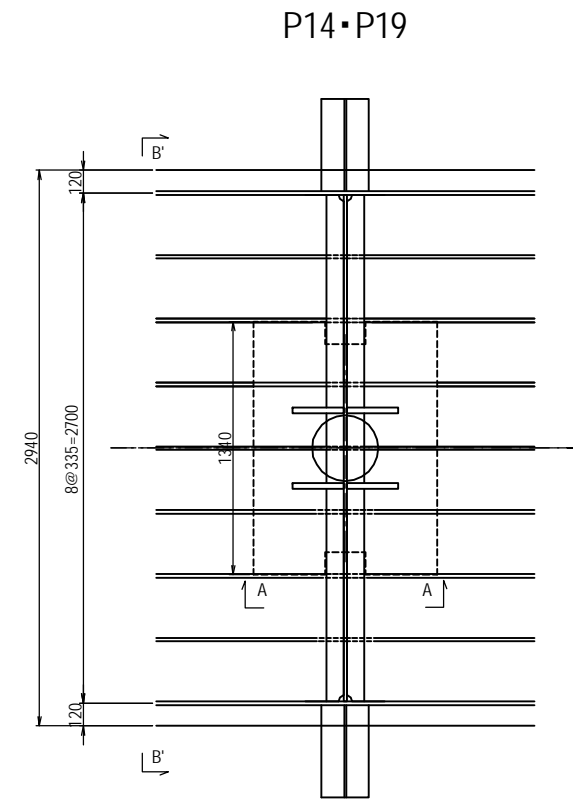
P13



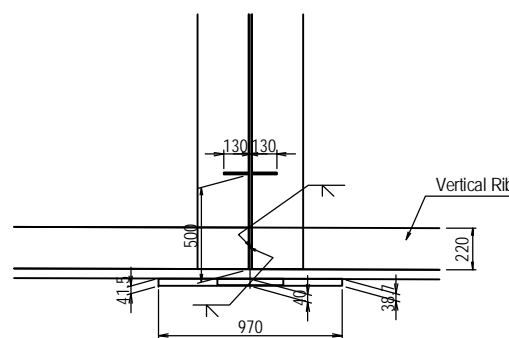
A - A



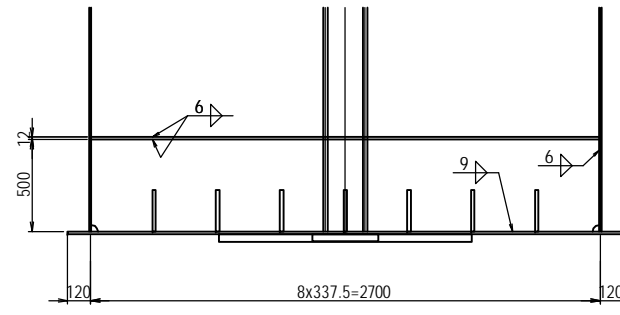
B - B



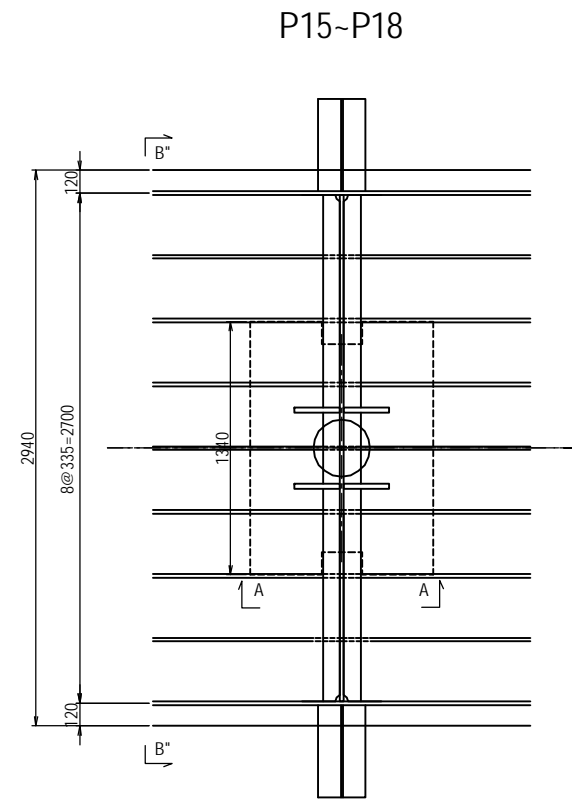
P14-P19



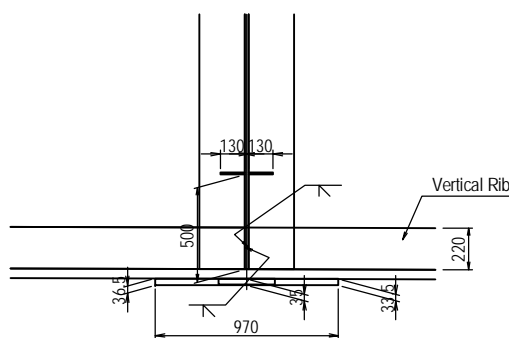
A' - A'



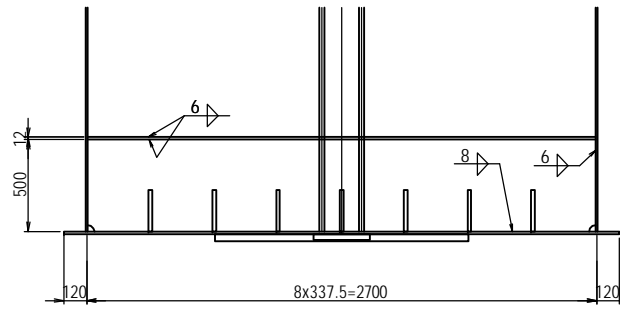
B' - B'



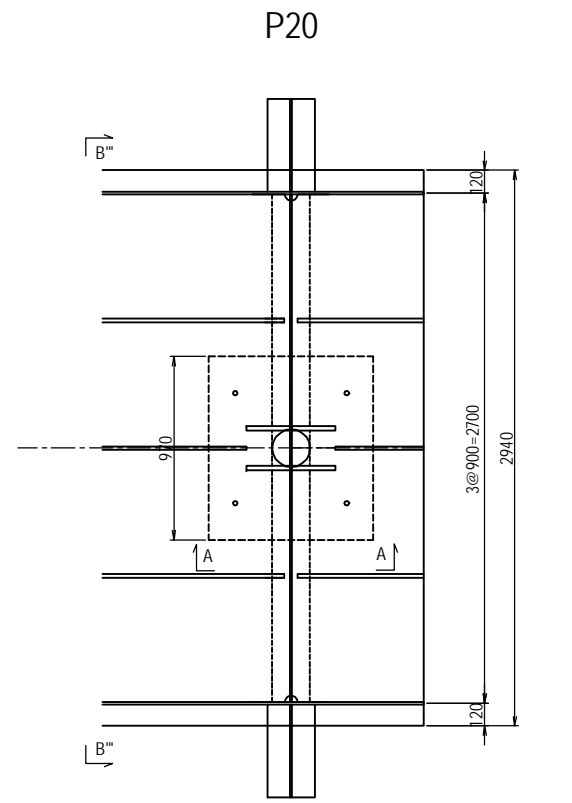
P15-P18



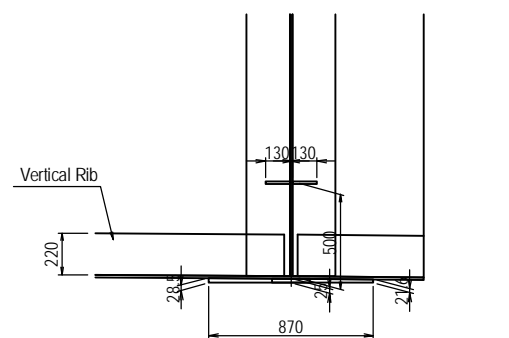
A'' - A''



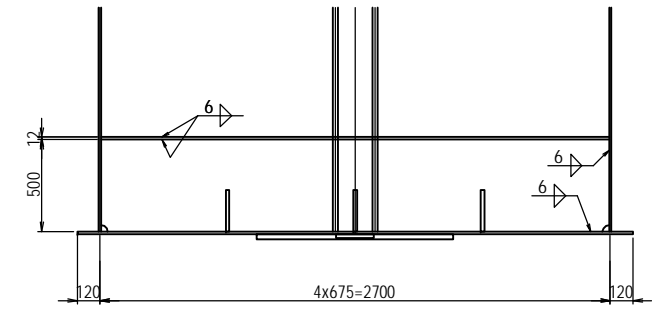
B'' - B''



P20



A''' - A'''



B''' - B'''

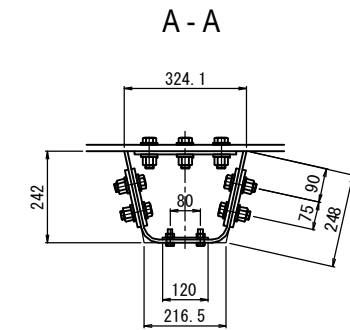
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY CHECKED BY APPROVED BY	SIGNATURE 	DATE 15 Jun. 2017 20 Jun. 2017 21 Jun. 2017	DRAWING TITLE COMMON DETAIL (G2,G3) (7)	PACKAGE 2 DWG No. P2-SB-1037
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COMMON DETAIL(8) S=1:20

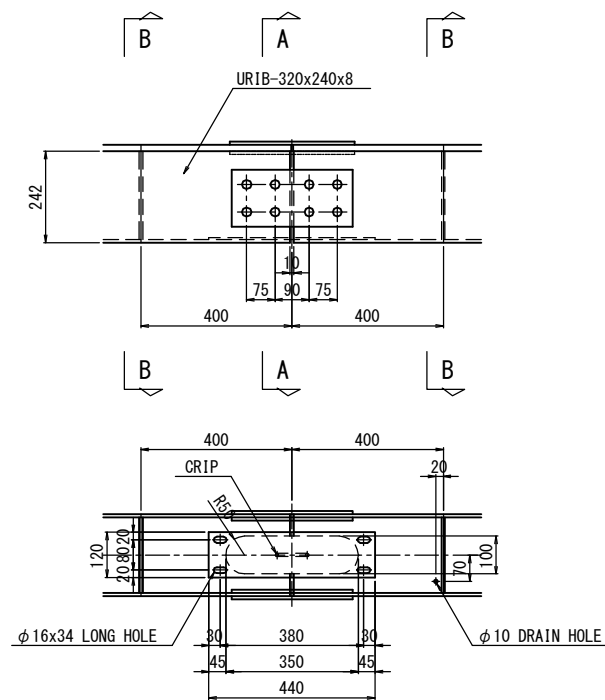
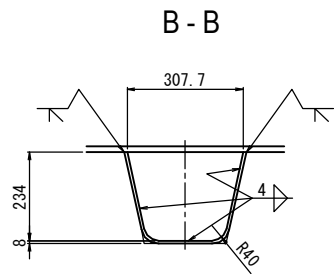
DETAIL OF JOINT

J1~J8, J11, J12, J15~J21, J23, J24, J26~J33, J35, J36, J38~J45, J47, J48, J50~J57, J59, J60, J62~J69, J71, J72, J74~J81

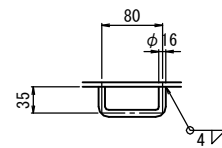
URIB(OUT GIRDER)



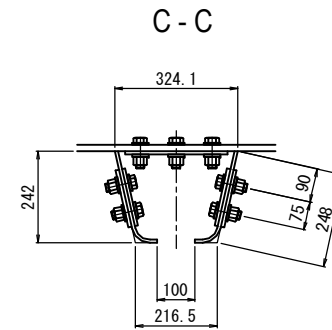
- 4-SPL PL 155 x 9 x 320(SM490YA)
- 16-HTB M22 x 70 (F10T)
- 1-COV PL 120 x 6 x 440(SS400)
- 4-BN M12 x 30 (SUS304)
- 1-RB φ16 x 150 (SS400)
- 2-DIA PL 234 x 6 x 308 (SM400A)



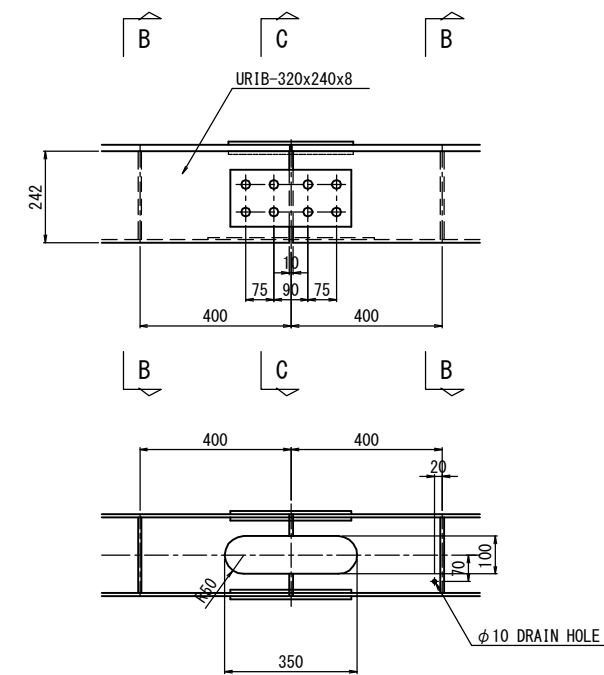
DETAIL OF CRIP S=1:10



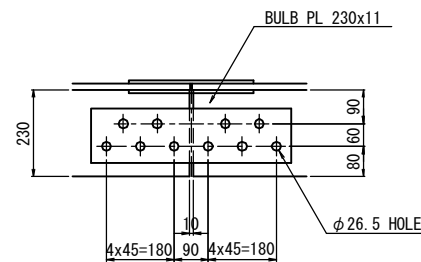
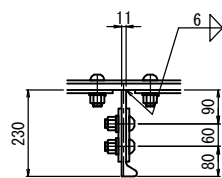
URIB(INNER GIRDER)



- 4-SPL PL 155 x 9 x 320(SM490YA)
- 16-HTB M22 x 70 (F10T)
- 2-DIA PL 234 x 6 x 308 (SM400A)



BULB PL



- 2-SPL PL 140 x 9 x 530(SM490YA)
- 10-TCB M22 x 65 (S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY jica JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE COMMON DETAIL(8)	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1038

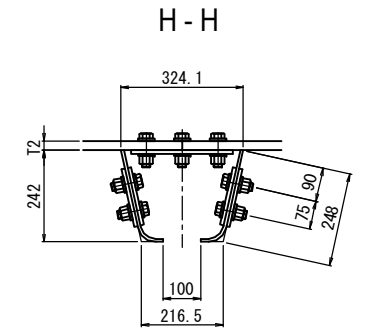
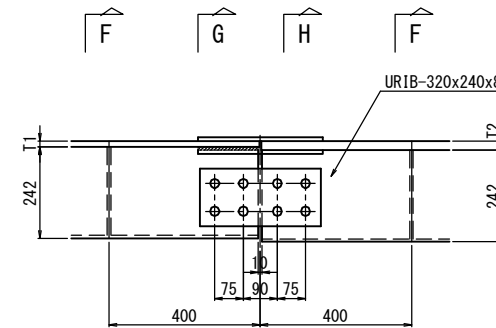
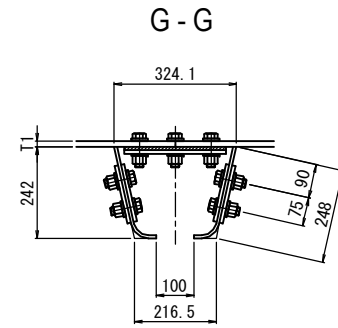
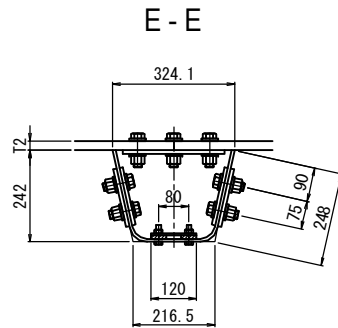
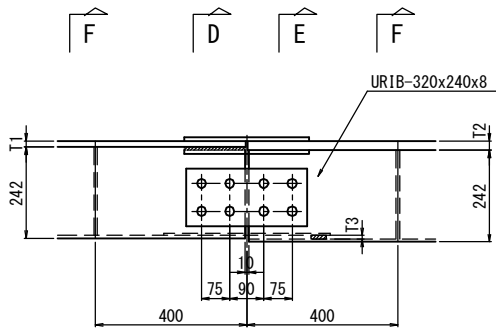
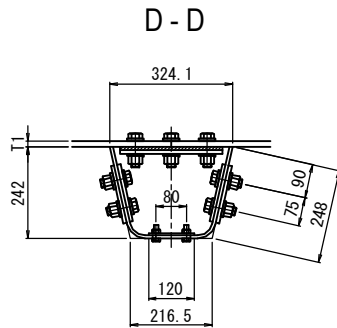
COMMON DETAIL(9) S=1:20

DETAIL OF JOINT

J9,J10,J13,J14,J22,J25,J34,J37,J46,J49,J58,J61,J70,J73

URIB(OUT GIRDER)

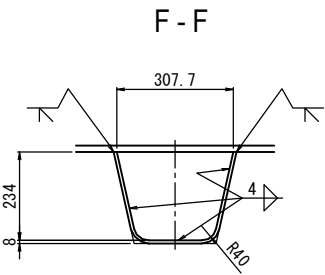
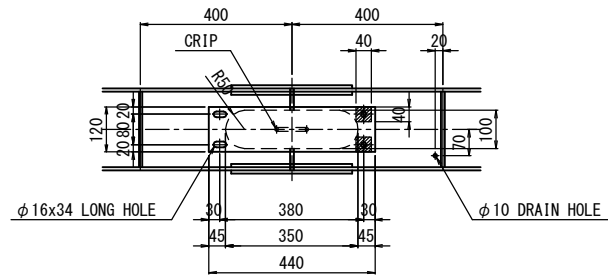
URIB(INNER GIRDER)



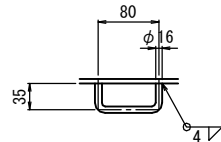
- 4-SPL PL 155 x 9 x 320(SM490YA)
- 16-HTB M22 x 70 (F10T)
- 1-COV PL 120 x 6 x 440(SS400)
- 2-FILL PL 40 x T3 x 40(SS400)
- 2-BN M12 x 30 (SUS304)
- 2-BN M12 x L1 (SUS304)
- 1-RB φ16 x 150 (SS400)
- 2-DIA PL 234 x 6 x 308 (SM400A)

- 4-SPL PL 155 x 9 x 320(SM490YA)
- 16-HTB M22 x 70 (F10T)
- 2-DIA PL 234 x 6 x 308 (SM400A)

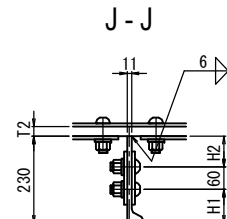
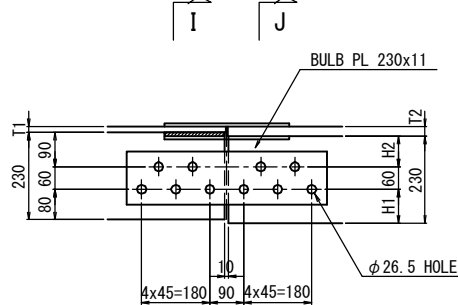
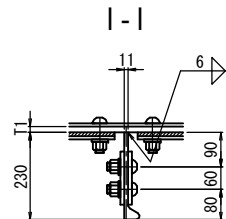
	L1	T1	T2	T3
J9,J14,J34,J37	40	16	22	6
J10,J13	35	22	27	5
J22,J25	35	16	19	3.2
J46,J49	35	16	21	5
J58,J61	35	16	20	4
J70,J73	40	16	25	9



DETAIL OF CRIP S=1:10



BULB PL



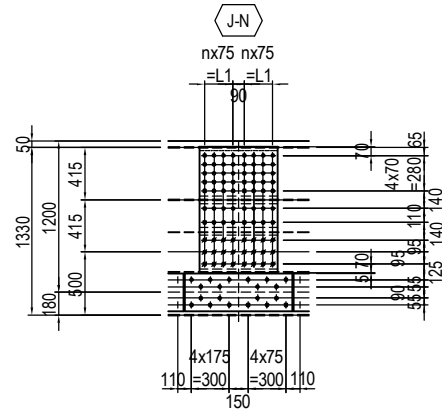
- 2-SPL PL 140 x 9 x 530(SM490YA)
- 10-TCB M22 x 65 (S10T)

	T1	T2	H1	H2
J9,J14,J34,J37	16	22	86	84
J10,J13	22	27	85	85
J22,J25	16	19	83	87
J46,J49	16	21	85	85
J58,J61	16	20	84	86
J70,J73	16	25	89	81

COMMON DETAIL(10) S=1:60

D-1,D-5

DECK T=16

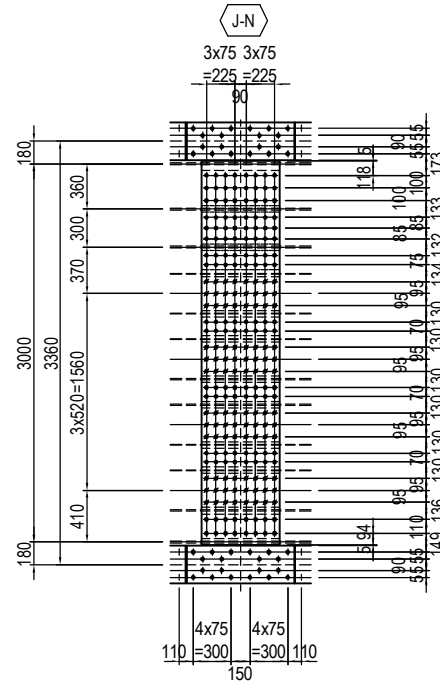


- 1-SPL PL L2 xT1x1000(SM490YA)
- 1-SPL PL L2 xT2x 360(SM490YA)
- 1-SPL PL L2 xT2x 190(SM490YA)
- 1-SPL PL L2 xT2x 270(SM490YA)
- N1-TCB M22xL3 (S10T)
- N2-HTB M22xL4 (F10T)
- 2-SPL PL 300 x9x 850(SM490YA)
- 20-TCB M22xL3 (S10T)

	n	L1	L2	L3	L4	T1	T2	N1	N2	J-N
TYPE-A1	2	150	470	70	75	9	9	42	18	J1~3,J6~8,J15~21,J26~33,J38~45,J50~57,J62~69,J74~81
TYPE-A2	3	225	620	75	80	9	11	56	24	J4,J5

G1,G4

DECK T=16

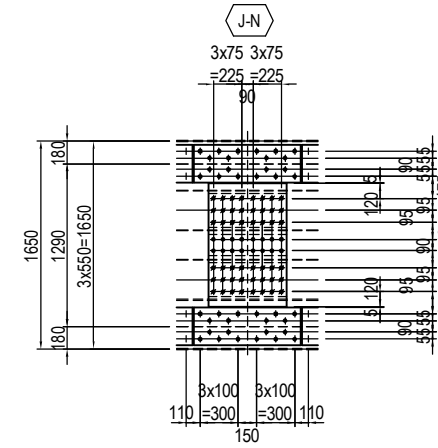


- 1-SPL PL 620 x 9x3050(SM490YA)
- 1-SPL PL 620 x10x 280(SM490YA)
- 1-SPL PL 620 x10x 250(SM490YA)
- 1-SPL PL 620 x10x 155(SM490YA)
- 4-SPL PL 620 x10x 270(SM490YA)
- 3-SPL PL 620 x10x 150(SM490YA)
- 1-SPL PL 620 x10x 190(SM490YA)
- 128-TCB M22x70 (S10T)
- 96-HTB M22x75 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)

	J-N
TYPE-B1	J1~8,J15~21,J26~33,J38~45,J50~57,J62~69,J74~81

D-2,D-4

DECK T=16

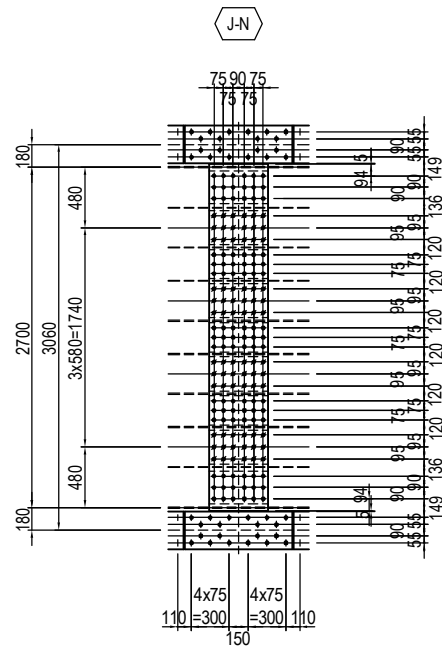


- 1-SPL PL 620 x9x 980(SM490YA)
- 2-SPL PL 620 x9x 270(SM490YA)
- 1-SPL PL 620 x9x 170(SM490YA)
- 16-TCB M22x70 (S10T)
- 48-HTB M22x75 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)

	J-N
TYPE-C1	J1~8,J15~21,J26~33,J38~45,J50~57,J62~69,J74~81

G2,G3

DECK T=16

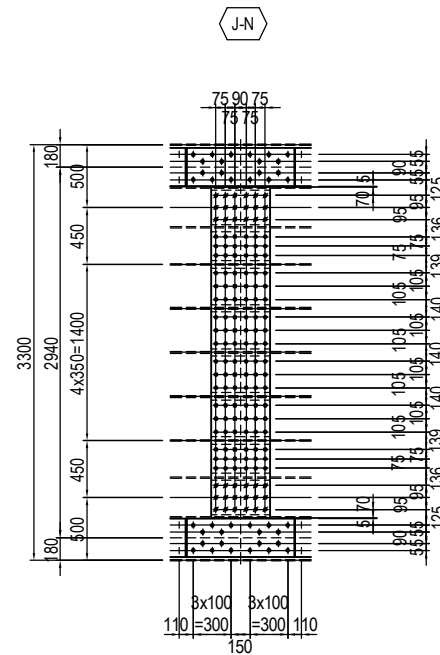


- 1-SPL PL 470 x9x2750(SM490YA)
- 2-SPL PL 470 x9x 320(SM490YA)
- 4-SPL PL 470 x9x 270(SM490YA)
- 3-SPL PL 470 x9x 160(SM490YA)
- 90-TCB M22x70 (S10T)
- 72-HTB M22x75 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)

	J-N
TYPE-D1	J1~8,J15~21,J26~33,J38~45,J50~57,J62~69,J74~81

D-3

DECK T=16

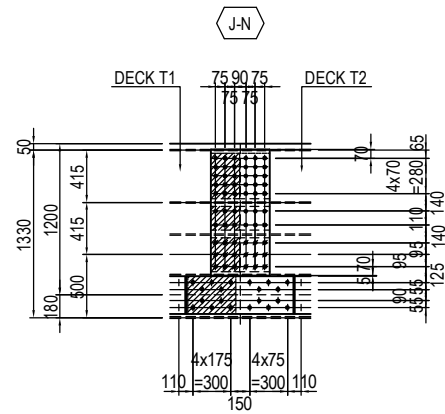


- 1-SPL PL 470 x9x2630(SM490YA)
- 2-SPL PL 470 x9x 270(SM490YA)
- 2-SPL PL 470 x9x 230(SM490YA)
- 4-SPL PL 470 x9x 290(SM490YA)
- 108-TCB M22x70 (S10T)
- 36-HTB M22x75 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)

	J-N
TYPE-E1	J7~8,J15~21,J26~33,J38~45,J50~57,J62~69,J74~81

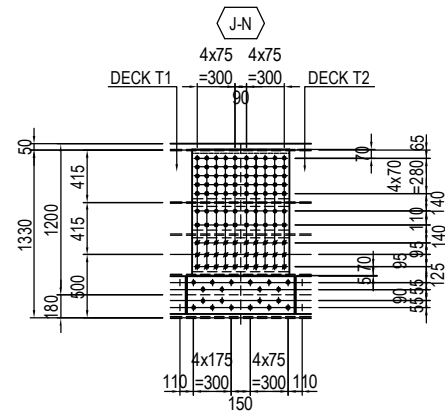
COMMON DETAIL(11) S=1:60

D-1,D-5



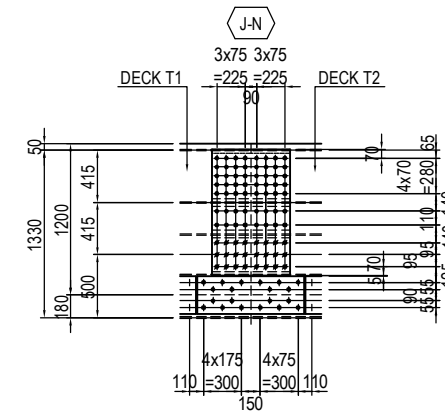
- 1-SPL PL 470 x9x1000(SM490YA)
- 1-SPL PL 470 x9x 360(SM490YA)
- 1-SPL PL 470 x9x 190(SM490YA)
- 1-SPL PL 470 x9x 270(SM490YA)
- 1-FILL PL 230 xT3x 360(SS400)
- 1-FILL PL 230 xT3x 190(SS400)
- 1-FILL PL 230 xT3x 270(SS400)
- 42-TCB M22xL1 (S10T)
- 18-HTB M22xL2 (F10T)
- 2-SPL PL 300 x9x 850(SM490YA)
- 1-FILL PL 300 xT3x 380(SS400)
- 20-TCB M22xL1 (S10T)

	L1	L2	T1	T2	T3	J-N
TYPE-A3	75	80	16	22	6	J9,J14,J34,J37
TYPE-A4	80	85	22	27	5	J10,J13
TYPE-A5	75	80	16	19	3.2	J22,J25
TYPE-A6	75	80	16	21	5	J46,J49
TYPE-A7	75	80	16	20	4	J58,J61
TYPE-A8	80	85	16	25	9	J70,J73



- 1-SPL PL 770 x12x1000(SM490YA)
- 1-SPL PL 770 x16x 360(SM490YA)
- 1-SPL PL 770 x16x 190(SM490YA)
- 1-SPL PL 770 x16x 270(SM490YA)
- 70-TCB M22xL1 (S10T)
- 30-HTB M22xL2 (F10T)
- 2-SPL PL 300 x9x 850(SM490YA)
- 20-TCB M22xL1 (S10T)

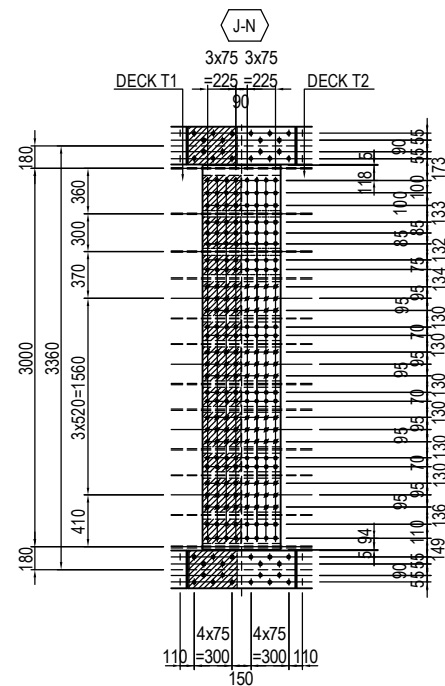
	L1	L2	T1	T2	J-N
TYPE-A9	90	95	27	27	J11,J12
TYPE-A10	90	95	25	25	J71,J72



- 1-SPL PL 620 xT3x1000(SM490YA)
- 1-SPL PL 620 xT4x 360(SM490YA)
- 1-SPL PL 620 xT4x 190(SM490YA)
- 1-SPL PL 620 xT4x 270(SM490YA)
- 56-TCB M22xL1 (S10T)
- 24-HTB M22xL2 (F10T)
- 2-SPL PL 300 x9x 850(SM490YA)
- 20-TCB M22xL1 (S10T)

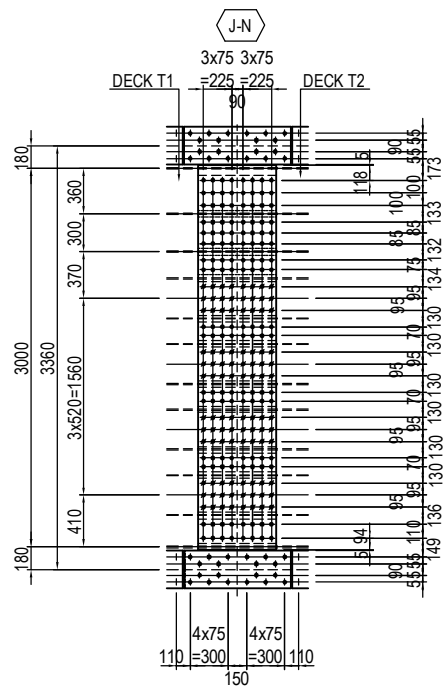
	L1	L2	T1	T2	T3	T4	J-N
TYPE-A11	75	80	19	19	9	11	J23,J24
TYPE-A12	80	85	22	22	10	13	J35,J36
TYPE-A13	80	85	21	21	10	13	J47,J48
TYPE-A14	80	85	20	20	10	13	J59,J60

G1,G4



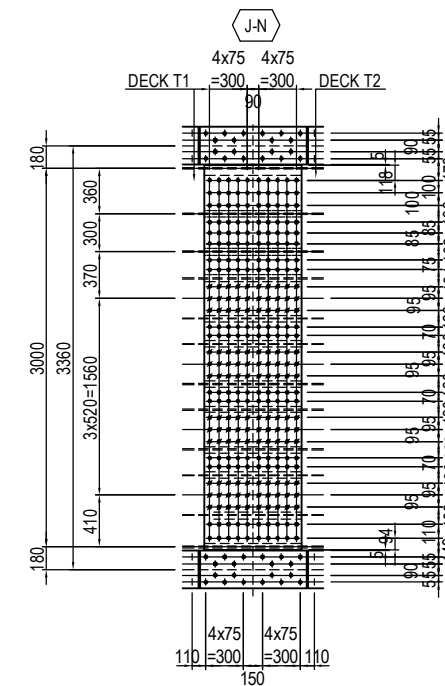
- 1-SPL PL 620 x 9x3050(SM490YA)
- 1-SPL PL 620 x10x 280(SM490YA)
- 1-SPL PL 620 x10x 250(SM490YA)
- 1-SPL PL 620 x10x 155(SM490YA)
- 4-SPL PL 620 x10x 270(SM490YA)
- 3-SPL PL 620 x10x 150(SM490YA)
- 1-SPL PL 620 x10x 190(SM490YA)
- 1-FILL PL 305 xT3x 280(SS400)
- 1-FILL PL 305 xT3x 250(SS400)
- 1-FILL PL 305 xT3x 155(SS400)
- 4-FILL PL 305 xT3x 270(SS400)
- 3-FILL PL 305 xT3x 150(SS400)
- 1-FILL PL 305 xT3x 190(SS400)
- 128-TCB M22xL1 (S10T)
- 96-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 2-FILL PL 300 xT3x 380(SS400)
- 40-TCB M22xL1 (S10T)

	L1	L2	T1	T2	T3	J-N
TYPE-B2	80	85	16	22	6	J9,J14,J34,J37
TYPE-B3	85	90	22	27	5	J10,J13
TYPE-B4	75	80	16	19	3.2	J22,J25
TYPE-B5	75	80	16	21	5	J46,J49
TYPE-B6	75	80	16	20	4	J58,J61
TYPE-B7	80	85	16	25	9	J70,J73



- 1-SPL PL 620 xT3x3050(SM490YA)
- 1-SPL PL 620 xT4x 280(Grade)
- 1-SPL PL 620 xT4x 250(Grade)
- 1-SPL PL 620 xT4x 155(Grade)
- 4-SPL PL 620 xT4x 270(Grade)
- 3-SPL PL 620 xT4x 150(Grade)
- 1-SPL PL 620 xT4x 190(Grade)
- 128-TCB M22xL1 (S10T)
- 96-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL1 (S10T)

	L1	L2	T1	T2	T3	T4	J-N	Grade
TYPE-B8	95	100	27	27	12	19	J11,J12	SM490YB
TYPE-B9	80	85	19	19	9	14	J23,J24	SM490YA
TYPE-B10	80	85	20	20	9	14	J59,J60	SM490YA

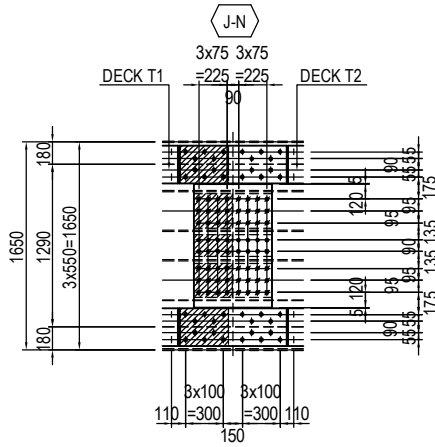


- 1-SPL PL 770 xT3x3050(SM490YA)
- 1-SPL PL 770 xT4x 280(Grade)
- 1-SPL PL 770 xT4x 250(Grade)
- 1-SPL PL 770 xT4x 155(Grade)
- 4-SPL PL 770 xT4x 270(Grade)
- 3-SPL PL 770 xT4x 150(Grade)
- 1-SPL PL 770 xT4x 190(Grade)
- 160-TCB M22xL1 (S10T)
- 120-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL1 (S10T)

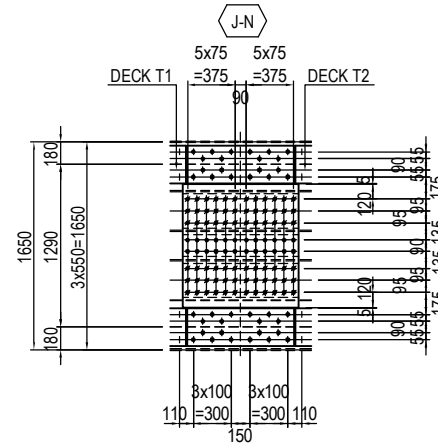
	L1	L2	T1	T2	T3	T4	J-N	Grade
TYPE-B11	85	90	22	22	10	15	J35,J36	SM490YA
TYPE-B12	85	90	21	21	10	15	J47,J48	SM490YA
TYPE-B13	90	95	25	25	11	18	J71,J72	SM490YB

COMMON DETAIL(12) S=1:60

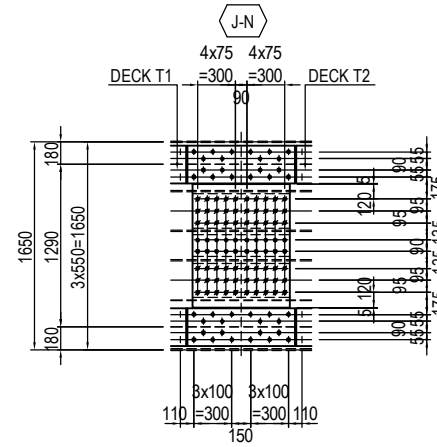
D-2,D-4



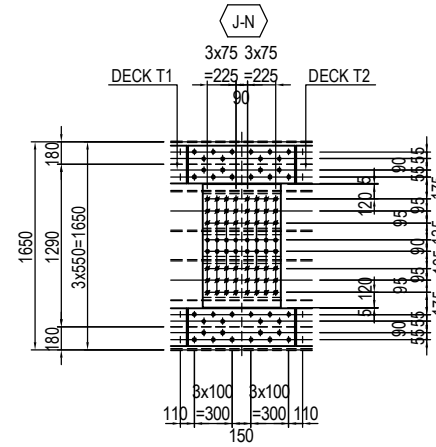
- 1-SPL PL 620 x 9x 980(SM490YA)
- 2-SPL PL 620 x 9x 270(SM490YA)
- 1-SPL PL 620 x 9x 170(SM490YA)
- 2-FILL PL 305 xT3x 170(SS400)
- 1-FILL PL 305 xT3x 170(SS400)
- 16-TCB M22xL1 (S10T)
- 48-HTB M22xL2 (F10T)
- 4-SPL PL 300 x 9x 850(SM490YA)
- 2-FILL PL 300 xT3x 380(SS400)
- 40-TCB M22xL1 (S10T)



- 1-SPL PL 920 x12x 980(SM490YA)
- 2-SPL PL 920 x19x 270(SM490YB)
- 1-SPL PL 920 x19x 170(SM490YB)
- 24-TCB M22xL1 (S10T)
- 72-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL2 (S10T)



- 1-SPL PL 770 x10x 980(SM490YA)
- 2-SPL PL 770 x14x 270(SM490YA)
- 1-SPL PL 770 x14x 170(SM490YA)
- 20-TCB M22xL1 (S10T)
- 60-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL2 (S10T)



- 1-SPL PL 620 x10x 980(SM490YA)
- 2-SPL PL 620 x14x 270(SM490YA)
- 1-SPL PL 620 x14x 170(SM490YA)
- 16-TCB M22xL1 (S10T)
- 48-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL2 (S10T)

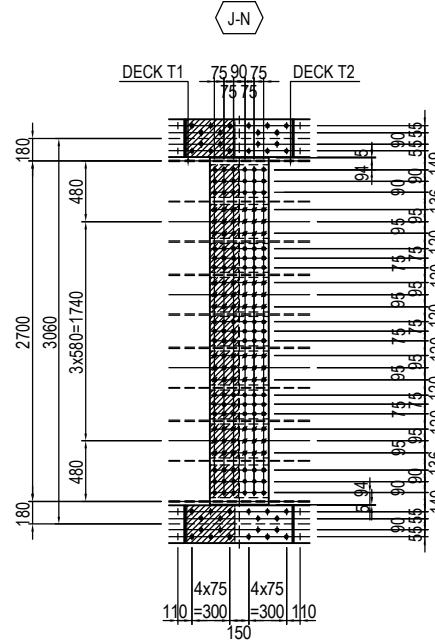
	L1	L2	T1	T2	T3	J-N
TYPE-C2	75	80	16	22	6	J9,J14,J34,J37
TYPE-C3	80	85	22	27	5	J10,J13
TYPE-C4	75	80	16	19	3.2	J22,J25
TYPE-C5	75	80	16	21	5	J46,J49
TYPE-C6	75	80	16	20	4	J58,J61
TYPE-C7	80	85	16	25	9	J70,J73

	L1	L2	T1	T2	J-N
TYPE-C8	95	100	27	27	J11,J12
TYPE-C9	95	100	25	25	J71,J72

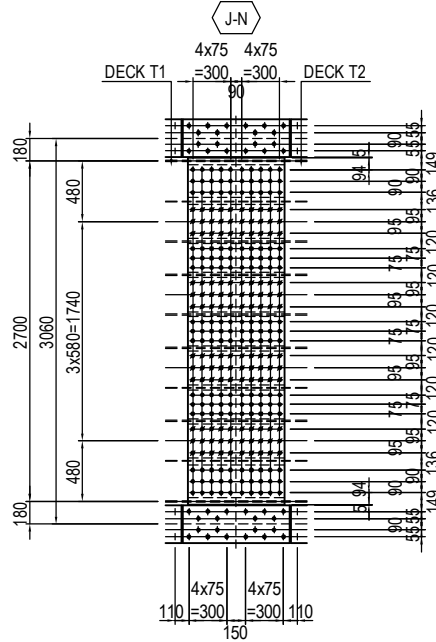
	L1	L2	T1	T2	J-N
TYPE-C10	80	85	19	19	J23,J24
TYPE-C11	80	85	21	21	J47,J48

	L1	L2	T1	T2	J-N
TYPE-C12	85	90	22	22	J35,J36
TYPE-C13	80	85	20	20	J59,J60

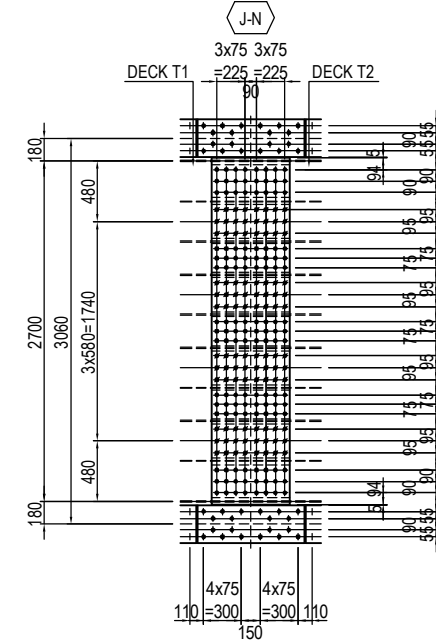
G2,G3



- 1-SPL PL 470 x 9x2750(SM490YA)
- 2-SPL PL 470 x 9x 320(SM490YA)
- 4-SPL PL 470 x 9x 270(SM490YA)
- 3-SPL PL 470 x 9x 160(SM490YA)
- 2-FILL PL 230 xT3x 320(SS400)
- 4-FILL PL 230 xT3x 270(SS400)
- 3-FILL PL 230 xT3x 160(SS400)
- 90-TCB M22xL1 (S10T)
- 72-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 2-FILL PL 300 xT3x 380(SS400)
- 40-TCB M22xL1 (S10T)



- 1-SPL PL 770 x12x2750(SM490YA)
- 2-SPL PL 770 x19x 320(SM490YB)
- 4-SPL PL 770 x19x 270(SM490YB)
- 3-SPL PL 770 x19x 160(SM490YB)
- 150-TCB M22xL1 (S10T)
- 120-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL1 (S10T)



- 1-SPL PL 620 x10x2750(SM490YA)
- 2-SPL PL 620 x14x 320(SM490YA)
- 4-SPL PL 620 x14x 270(SM490YA)
- 3-SPL PL 620 x14x 160(SM490YA)
- 120-TCB M22xL1 (S10T)
- 96-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL1 (S10T)

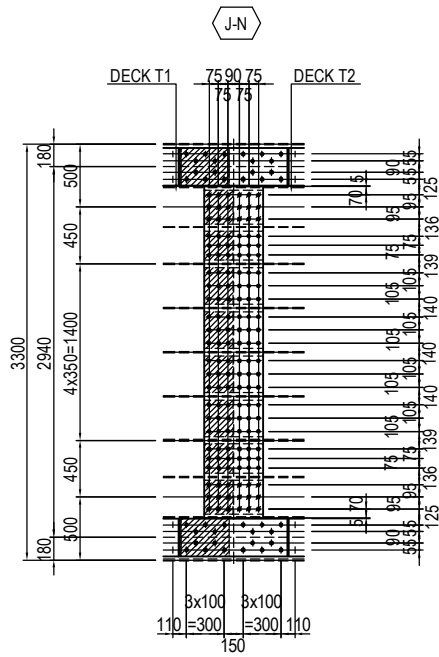
	L1	L2	T1	T2	T3	J-N
TYPE-D2	75	80	16	22	6	J9,J14,J34,J37
TYPE-D3	80	85	22	27	5	J10,J13
TYPE-D4	75	80	16	19	3.2	J22,J25
TYPE-D5	75	80	16	21	5	J46,J49
TYPE-D6	75	80	16	20	4	J58,J61
TYPE-D7	80	85	16	25	9	J70,J73

	L1	L2	T1	T2	J-N
TYPE-D8	95	100	27	27	J11,J12
TYPE-D9	95	100	25	25	J71,J72

	L1	L2	T1	T2	J-N
TYPE-D10	80	85	19	19	J23,J24
TYPE-D11	85	90	22	22	J35,J36
TYPE-D12	80	85	21	21	J47,J48
TYPE-D13	80	85	20	20	J59,J60

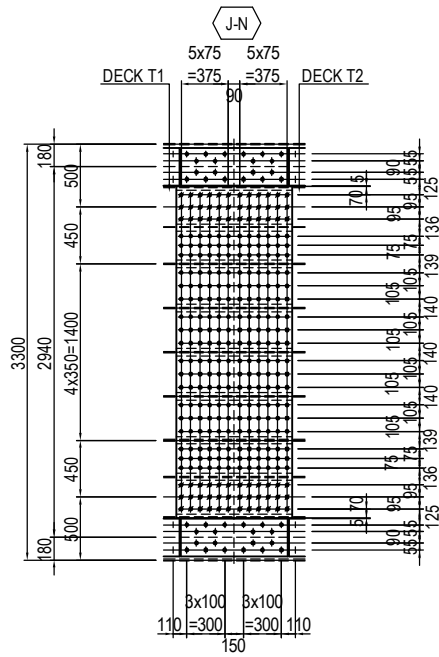
COMMON DETAIL(13) S=1:60

D-3



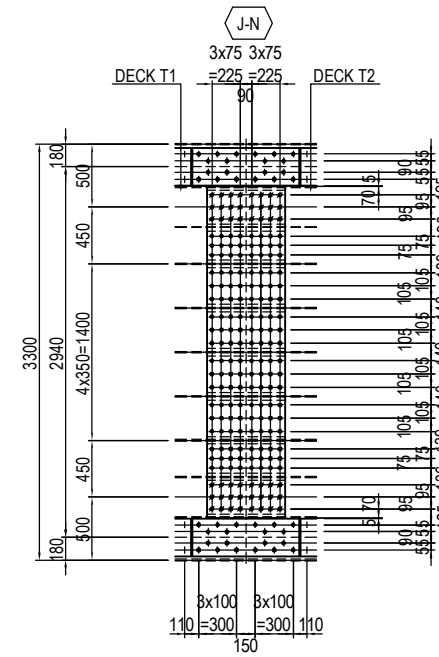
- 1-SPL PL 470 x9x2630(SM490YA)
- 2-SPL PL 470 x9x 270(SM490YA)
- 2-SPL PL 470 x9x 230(SM490YA)
- 4-SPL PL 470 x9x 290(SM490YA)
- 2-FILL PL 230 xT3x 270(SS400)
- 2-FILL PL 230 xT3x 230(SS400)
- 4-FILL PL 230 xT3x 290(SS400)
- 108-TCB M22xL1 (S10T)
- 36-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 2-FILL PL 300 xT3x 380(SS400)
- 40-TCB M22xL1 (S10T)

	L1	L2	T1	T2	T3	J-N
TYPE-E2	75	80	16	22	6	J9,J14,J34,J37
TYPE-E3	80	85	22	27	5	J10,J13
TYPE-E4	75	80	16	19	3.2	J22,J25
TYPE-E5	75	80	16	21	5	J46,J49
TYPE-E6	75	80	16	20	4	J58,J61
TYPE-E7	80	85	16	25	9	J70,J73



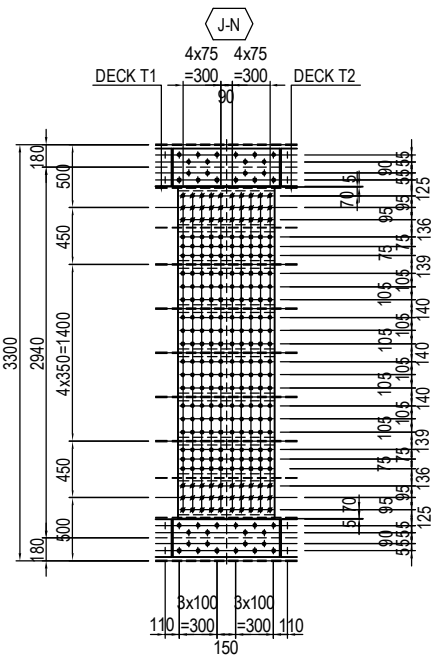
- 1-SPL PL 920 x13x2630(SM490YA)
- 2-SPL PL 920 x19x 270(SM490YB)
- 2-SPL PL 920 x19x 230(SM490YB)
- 4-SPL PL 920 x19x 290(SM490YB)
- 216-TCB M22xL1 (S10T)
- 72-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL1 (S10T)

	L1	L2	T1	T2	J-N
TYPE-E8	95	100	27	27	J11,J12



- 1-SPL PL 620 x 9x2630(SM490YA)
- 2-SPL PL 620 x13x 270(SM490YA)
- 2-SPL PL 620 x13x 230(SM490YA)
- 4-SPL PL 620 x13x 290(SM490YA)
- 144-TCB M22xL1 (S10T)
- 48-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL1 (S10T)

	L1	L2	T1	T2	J-N
TYPE-E9	80	85	19	19	J23,J24
TYPE-E10	80	85	20	20	J59,J60



- 1-SPL PL 770 xT3x2630(SM490YA)
- 2-SPL PL 770 xT4x 270(Grade)
- 2-SPL PL 770 xT4x 230(Grade)
- 4-SPL PL 770 xT4x 290(Grade)
- 180-TCB M22xL1 (S10T)
- 60-HTB M22xL2 (F10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22xL1 (S10T)

	L1	L2	T1	T2	T3	T4	J-N	Grade
TYPE-E11	85	90	22	22	10	15	J35,J36	SM490YA
TYPE-E12	85	90	21	21	10	15	J47,J48	SM490YA
TYPE-E13	90	95	25	25	12	17	J71,J72	SM490YB

PROJECT NAME
DETAILED DESIGN ON
BAGO RIVER BRIDGE
CONSTRUCTION PROJECT

FINANCED BY
JICA
JAPAN INTERNATIONAL
COOPERATION AGENCY

COUNTERPART
REPUBLIC OF THE UNION OF MYANMAR
MINISTRY OF CONSTRUCTION
DEPARTMENT OF BRIDGE

JICA STUDY TEAM
NIPPON KOEI CO., LTD.
ORIENTAL CONSULTANTS GLOBAL CO., LTD.
METROPOLITAN EXPRESSWAY COMPANY LIMITED
CHODAI CO. LTD.
NIPPON ENGINEERING CONSULTANTS CO.,LTD.

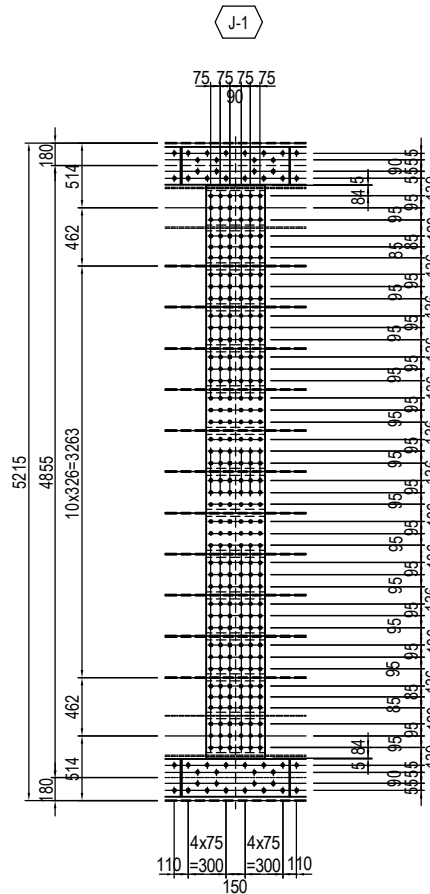
	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		15 Jun.2017
CHECKED BY	T. HAYAKAWA		20 Jun.2017
APPROVED BY	Y. SANO		21 Jun.2017

DRAWING TITLE
COMMON DETAIL(13)

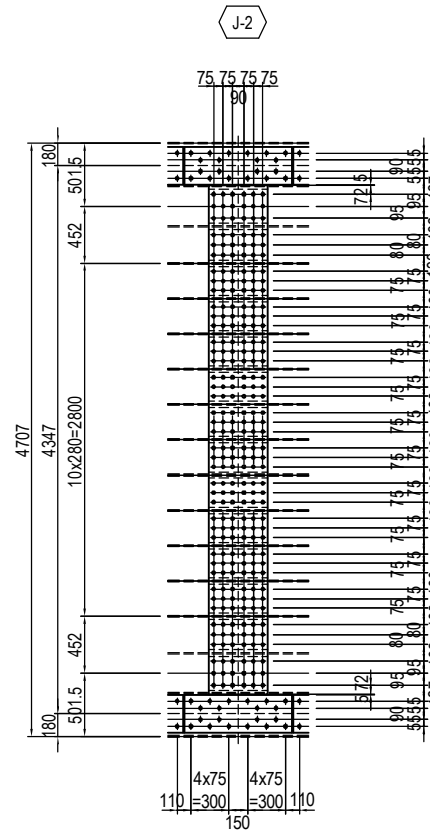
PACKAGE
2
DWG No.
P2-SB-1043

COMMON DETAIL(14) S=1:60

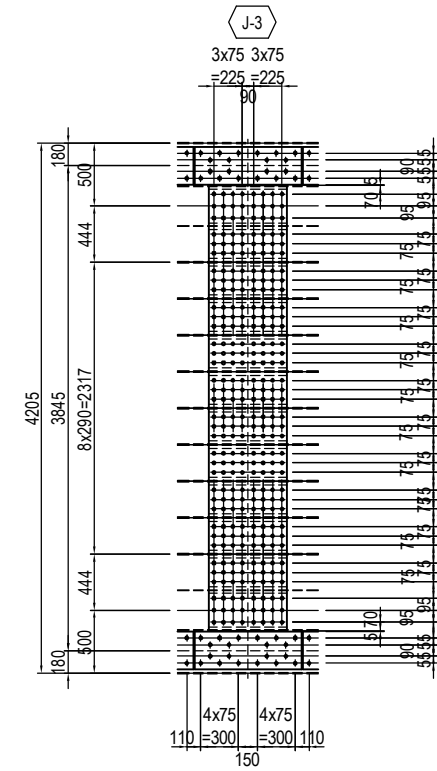
D-3



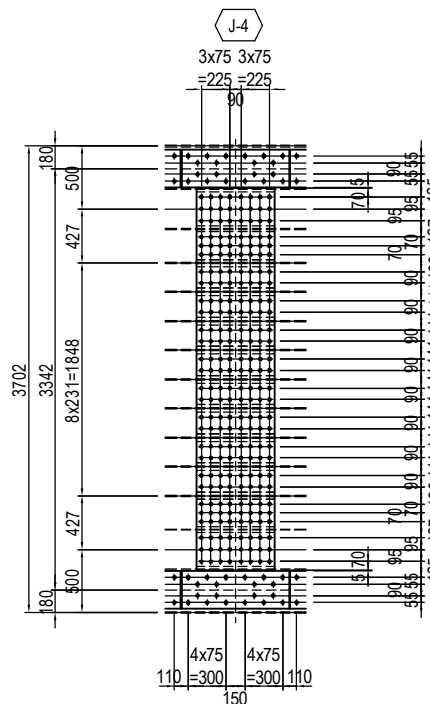
- 1-SPL PL 470 x 9x4545(SM490YA)
- 2-SPL PL 470 x 9x 270(SM490YA)
- 2-SPL PL 470 x 9x 250(SM490YA)
- 10-SPL PL 470 x 9x 270(SM490YA)
- 252-TCB M22x70 (S10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)



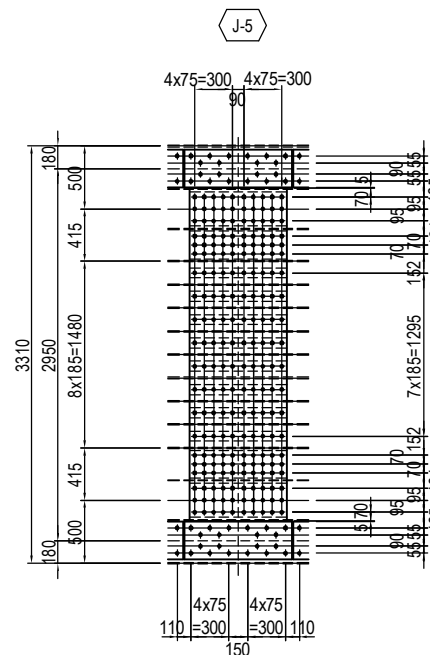
- 1-SPL PL 470 x 9x4037(SM490YA)
- 2-SPL PL 470 x 9x 270(SM490YA)
- 2-SPL PL 470 x 9x 240(SM490YA)
- 10-SPL PL 470 x 9x 230(SM490YA)
- 252-TCB M22x70 (S10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)



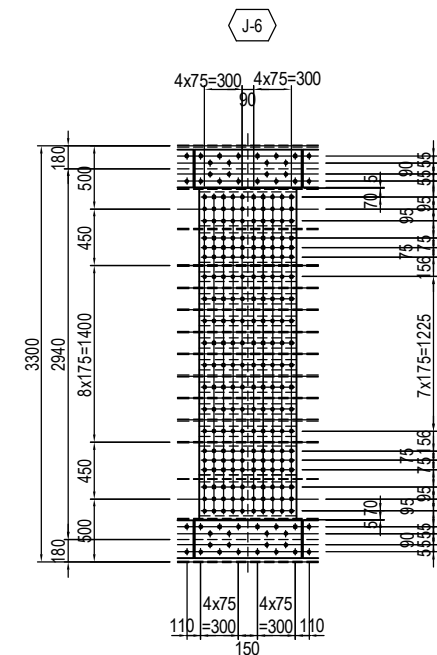
- 1-SPL PL 620 x 9x3535(SM490YA)
- 2-SPL PL 620 x 9x 270(SM490YA)
- 2-SPL PL 620 x 9x 230(SM490YA)
- 8-SPL PL 620 x 9x 230(SM490YA)
- 288-TCB M22x70 (S10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)



- 1-SPL PL 620 x 9x3032(SM490YA)
- 2-SPL PL 620 x 9x 270(SM490YA)
- 2-SPL PL 620 x 9x 220(SM490YA)
- 8-SPL PL 620 x 9x 170(SM490YA)
- 224-TCB M22x70 (S10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)



- 1-SPL PL 770 x 9x2640(SM490YA)
- 2-SPL PL 770 x13x 270(SM490YA)
- 2-SPL PL 770 x13x 220(SM490YA)
- 8-SPL PL 770 x13x 80(SM490YA)
- 200-TCB M22x75 (S10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)



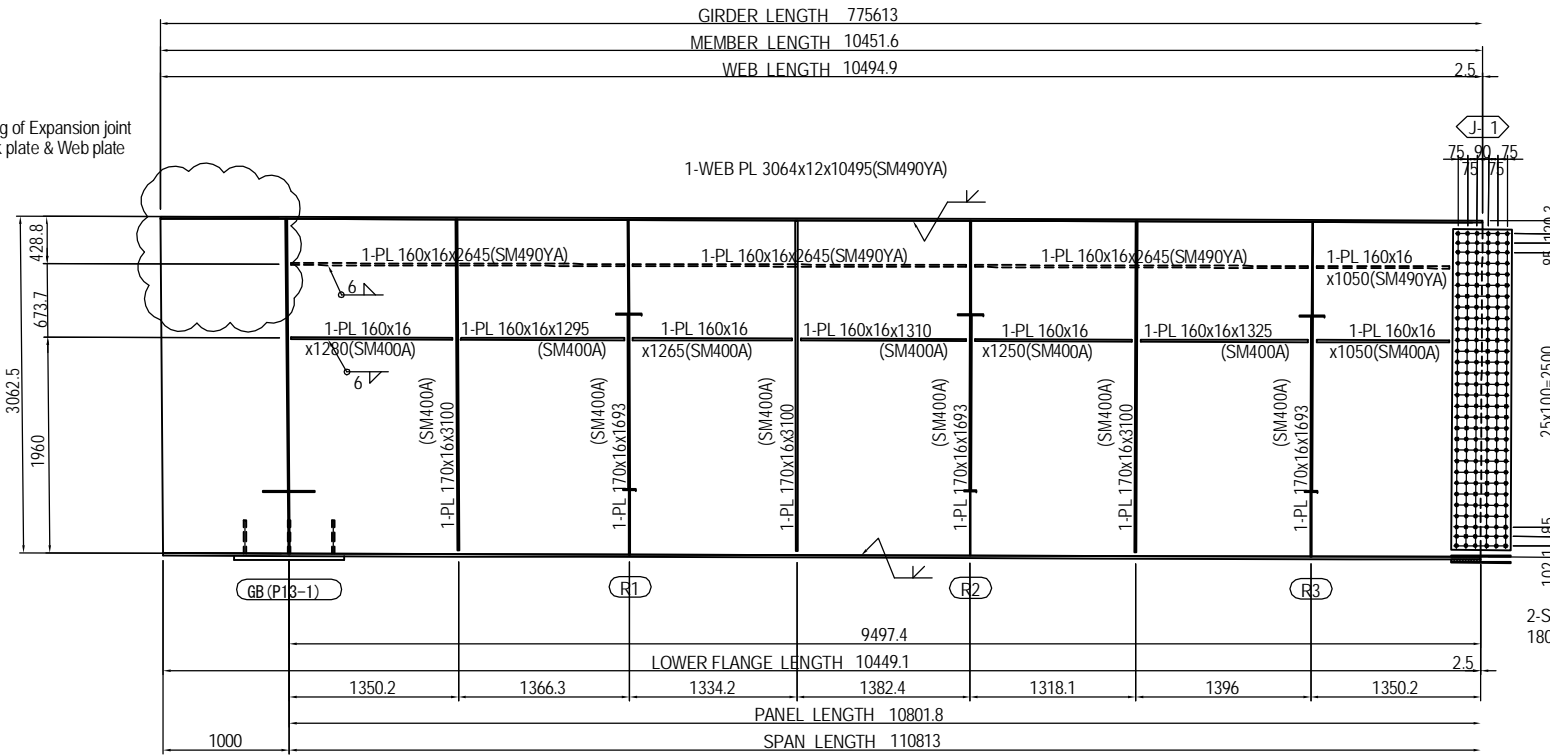
- 1-SPL PL 770 x 9x2630(SM490YA)
- 2-SPL PL 770 x13x 270(SM490YA)
- 2-SPL PL 770 x13x 230(SM490YA)
- 8-SPL PL 770 x13x 80(SM490YA)
- 200-TCB M22x75 (S10T)
- 4-SPL PL 300 x9x 850(SM490YA)
- 40-TCB M22x70 (S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE COMMON DETAIL(14)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO			21 Jun.2017	P2-SB-1044

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (1)

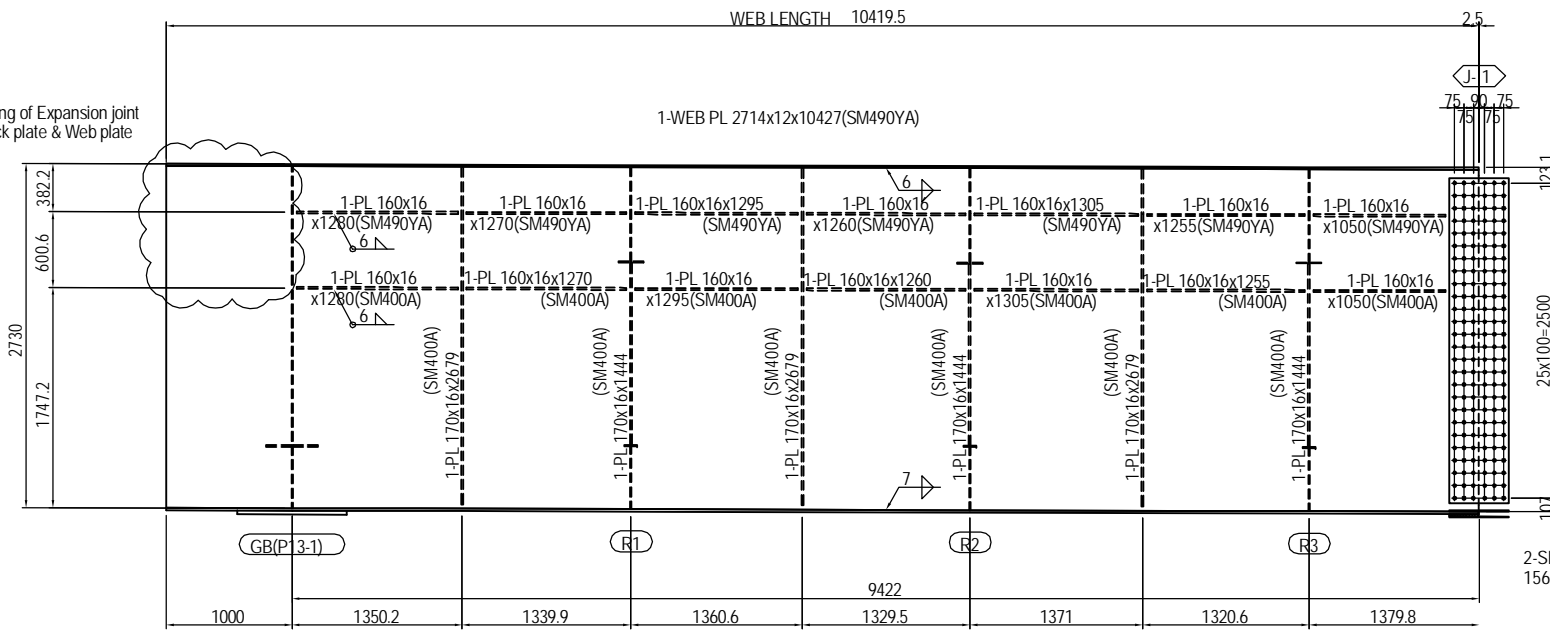
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Note
Refer to drawing of Expansion joint
about End deck plate & Web plate

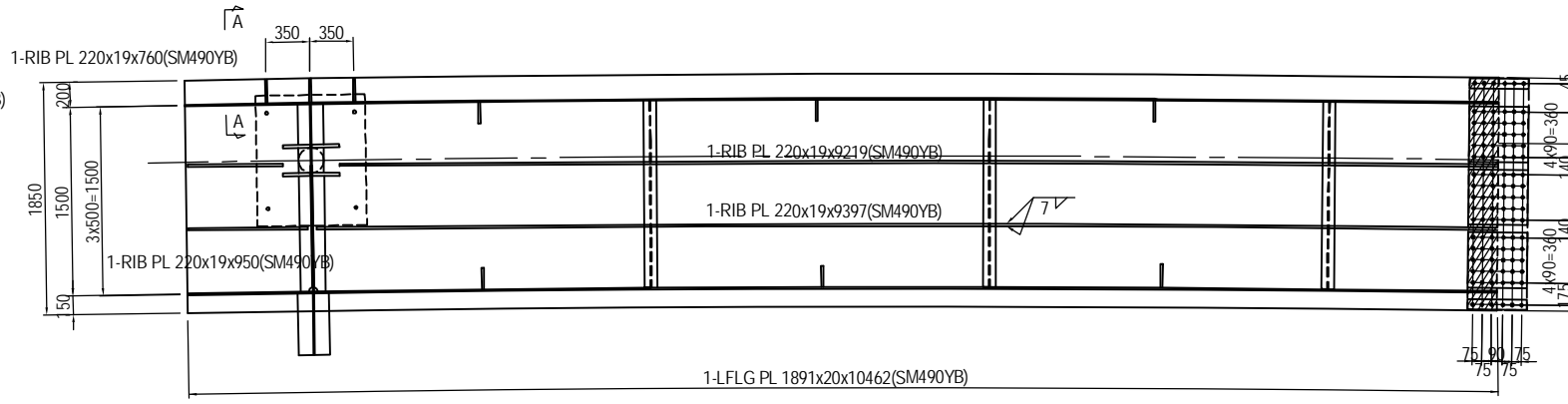
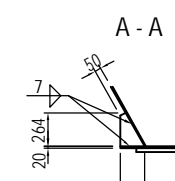


2-SPL PL 2920x9x470(SM490YA)
180-TCB M22x65(S10T)

Note
Refer to drawing of Expansion joint
about End deck plate & Web plate



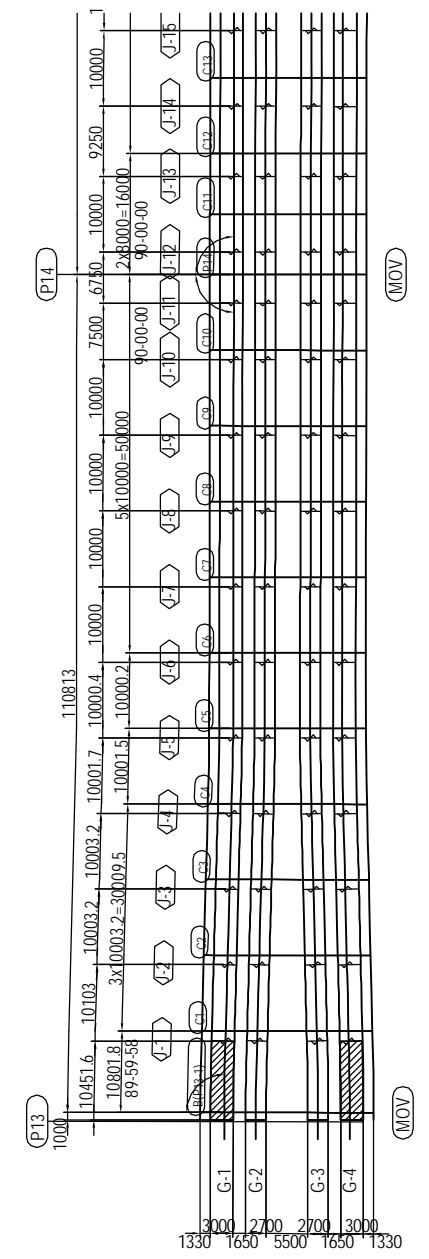
2-SPL PL 2580x9x470(SM490YA)
156-TCB M22x65(S10T)



2-SPL PL 80x11x470(SM490YA)
3-SPL PL 440x11x470(SM490YA)
1-SPL PL 1840x9x470(SM490YA)
102-TCB M22x95(S10T)
1-FILL PL 1840x18x233(SS400)

(RIB PLATE per set)
2-SPL PL 160x12x480(SM490YA)
12-TCB M22x80(S10T)

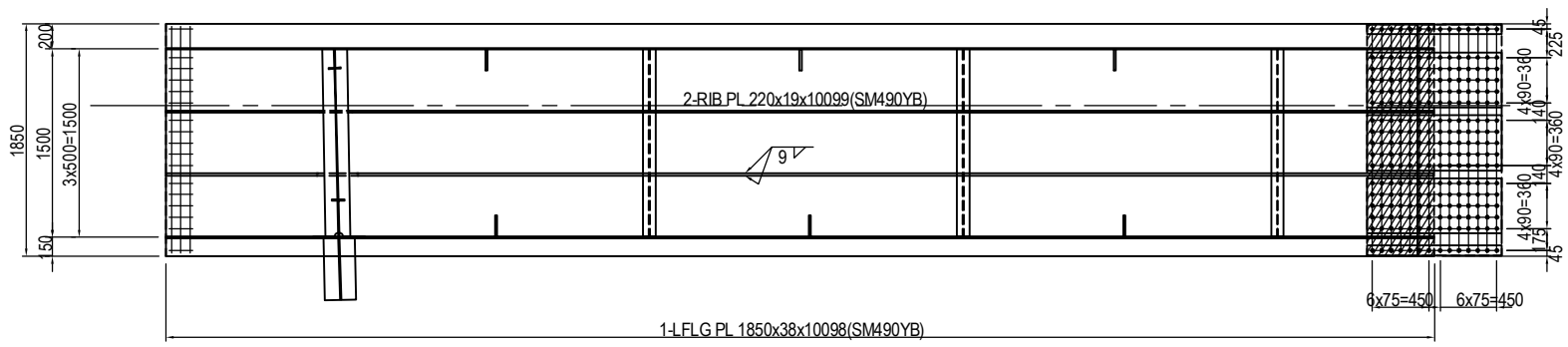
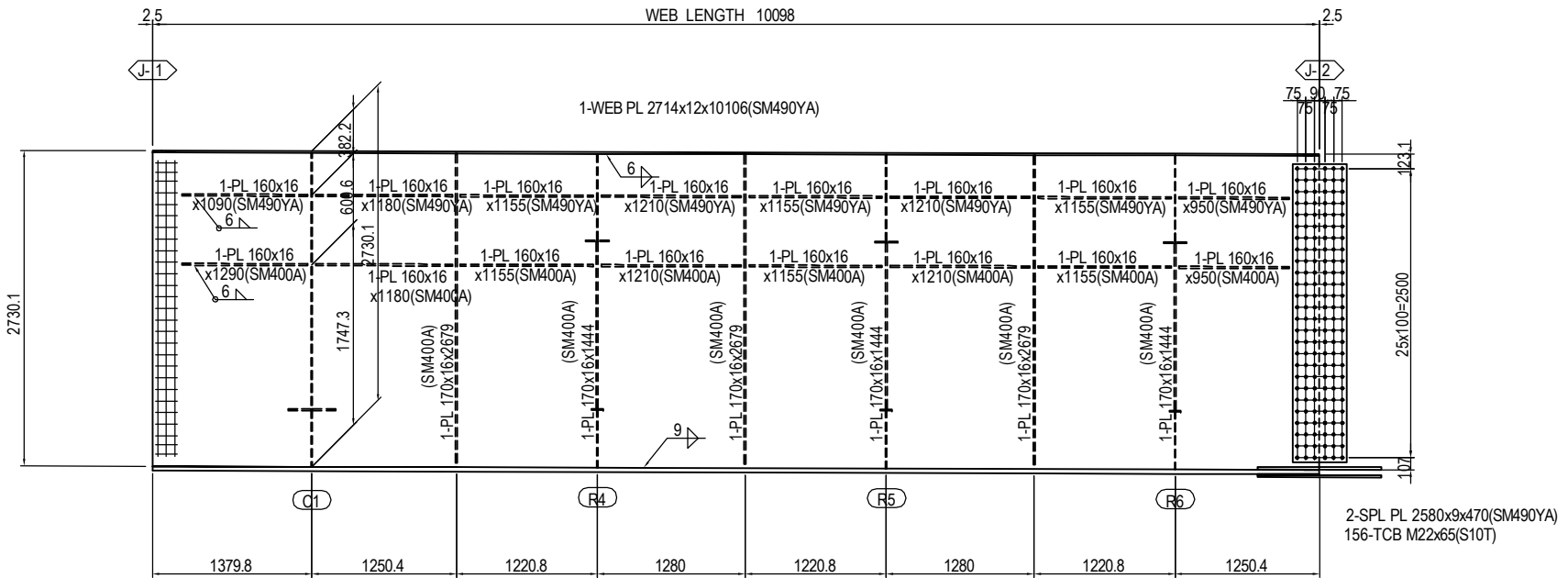
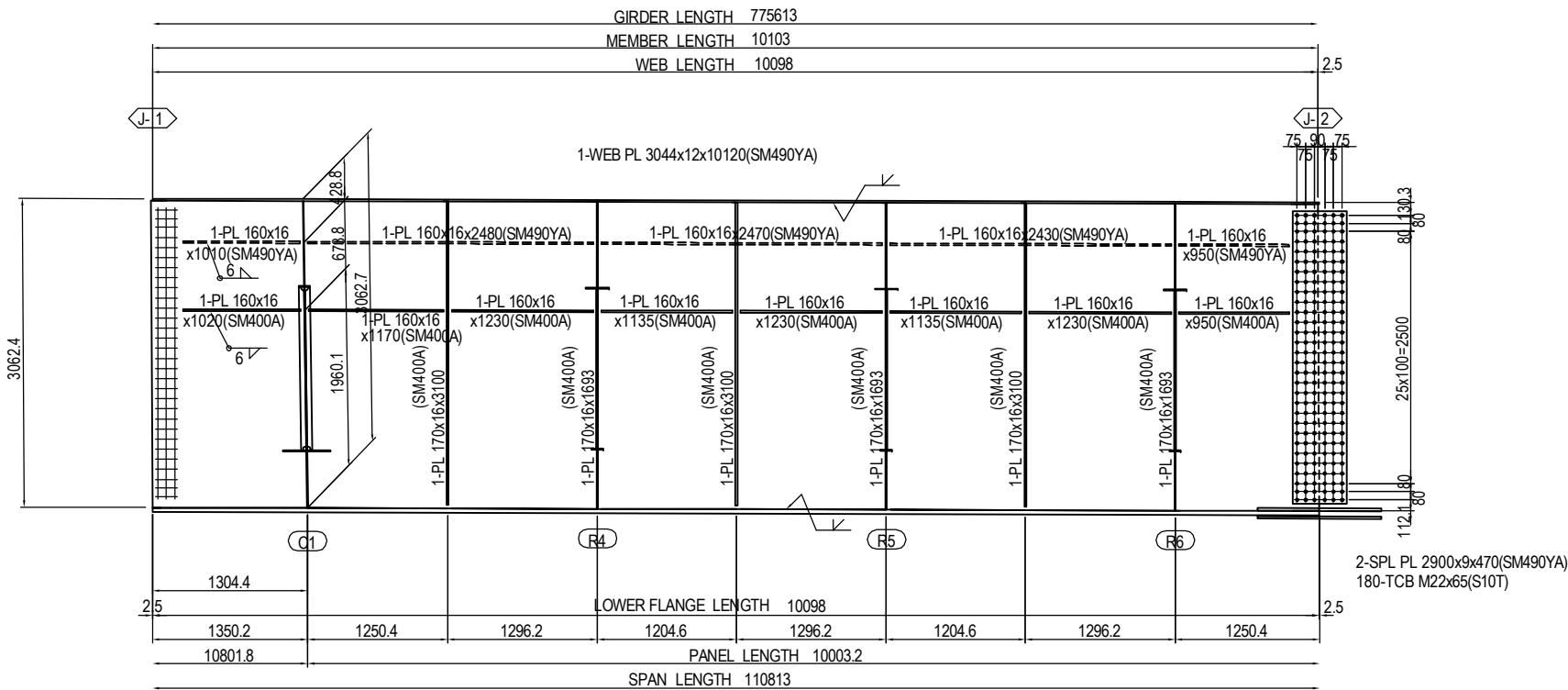
MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE <i>S. Imada</i>	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (1)	PACKAGE 2 DWG No. P2-SB-1101
				CHECKED BY T. HAYAKAWA	<i>T. Hayakawa</i>	20 Jun.2017		
				APPROVED BY Y. SANO	<i>Y. Sano</i>	21 Jun.2017		

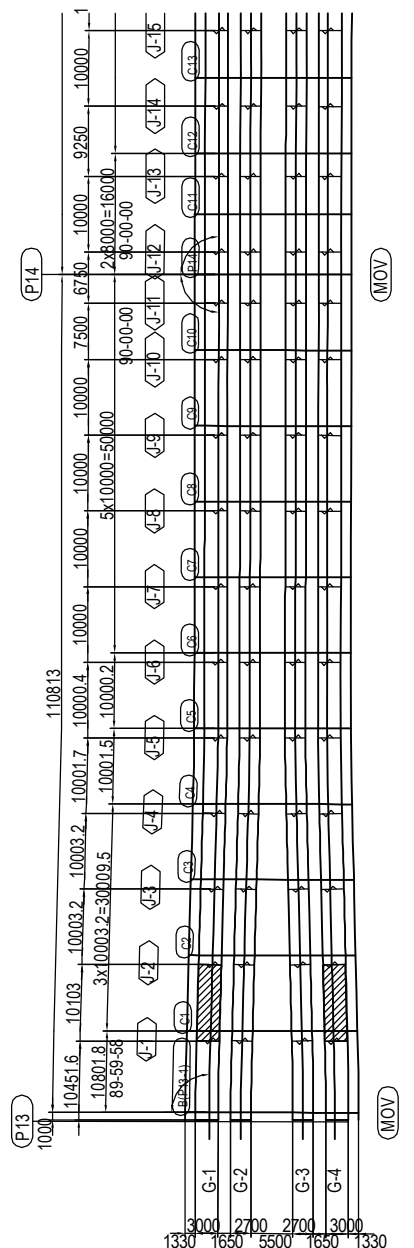
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (2)

S=1:60



- 2-SPL PL 80x25x1070(SM490YB)
 - 3-SPL PL 440x25x1070(SM490YB)
 - 1-SPL PL 1840x19x1070(SM490YB)
 - 238-TCB M22x125(S10T)
 - 1-FILL PL 1840x8x533(SS400)
-

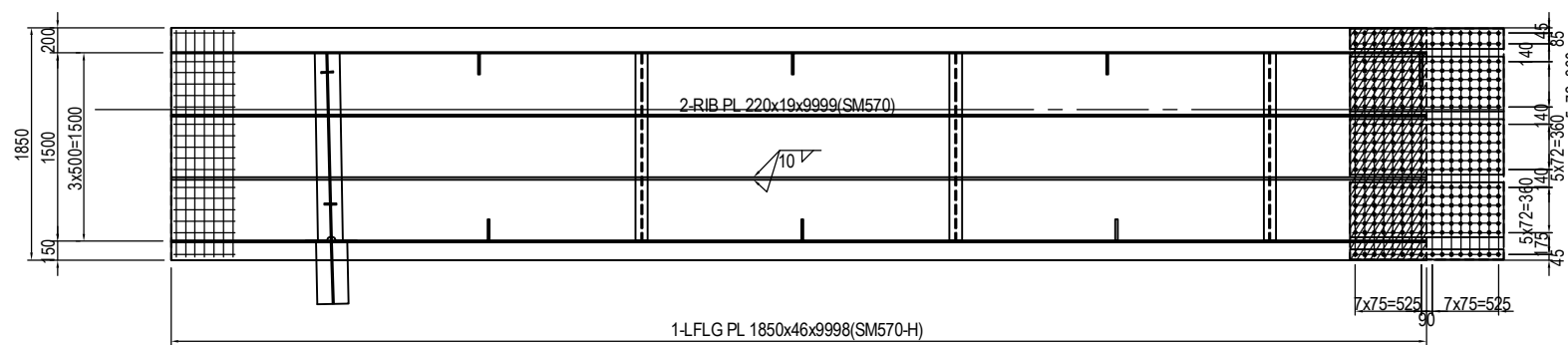
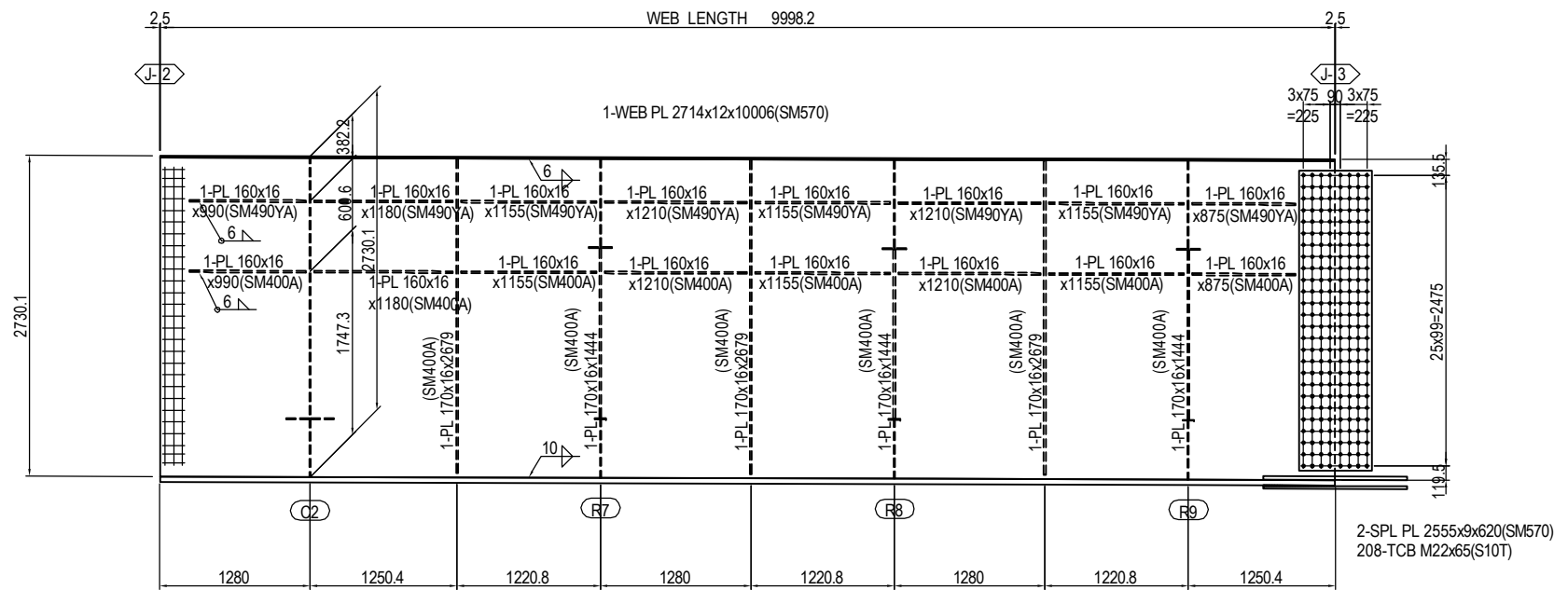
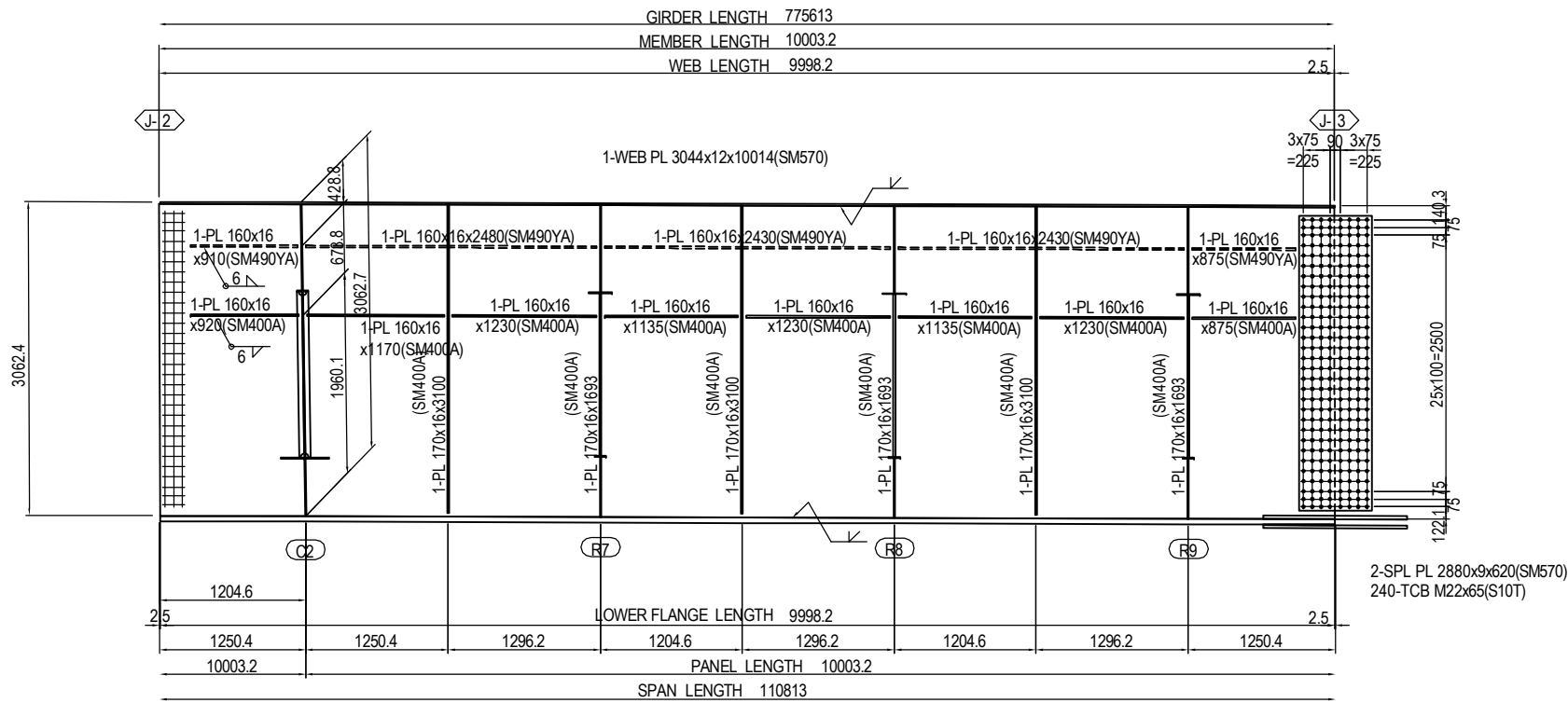
MARKING DIAGRAM



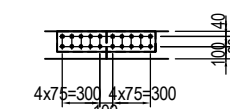
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (2)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	DWG No.
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	P2-SB-1102
				APPROVED BY	Y. SANO			21 Jun.2017	

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (3)

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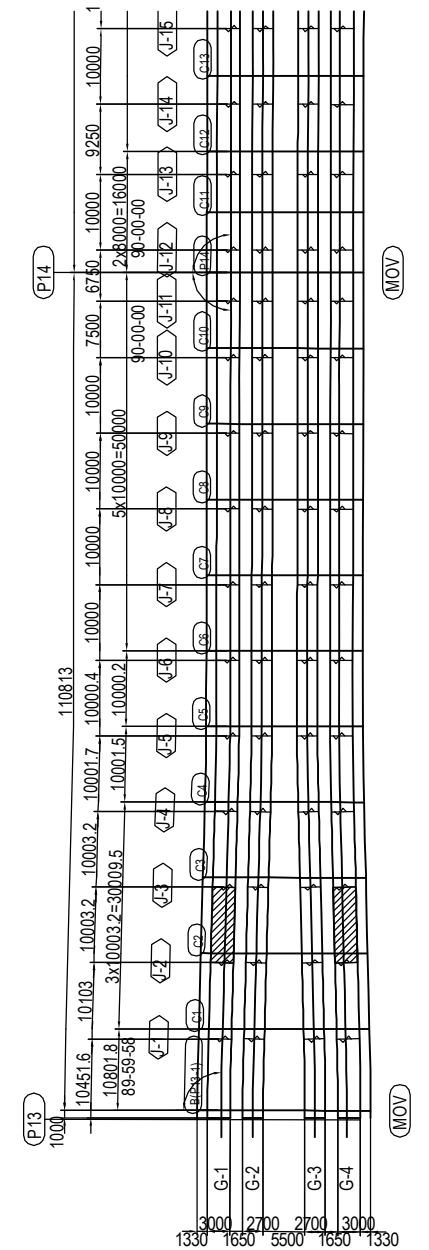


- 1-SPL PL 165x31x1220(SM570)
- 3-SPL PL 440x31x1220(SM570)
- 1-SPL PL 80x31x1220(SM570)
- 1-SPL PL 1840x23x1220(SM570)
- 336-TCB M22x145(S10T)
- 1-FILL PL 1840x6x608(SS400)



- (RIB PLATE per set)
- 2-SPL PL 160x14x780(SM570)
- 20-TCB M22x85(S10T)

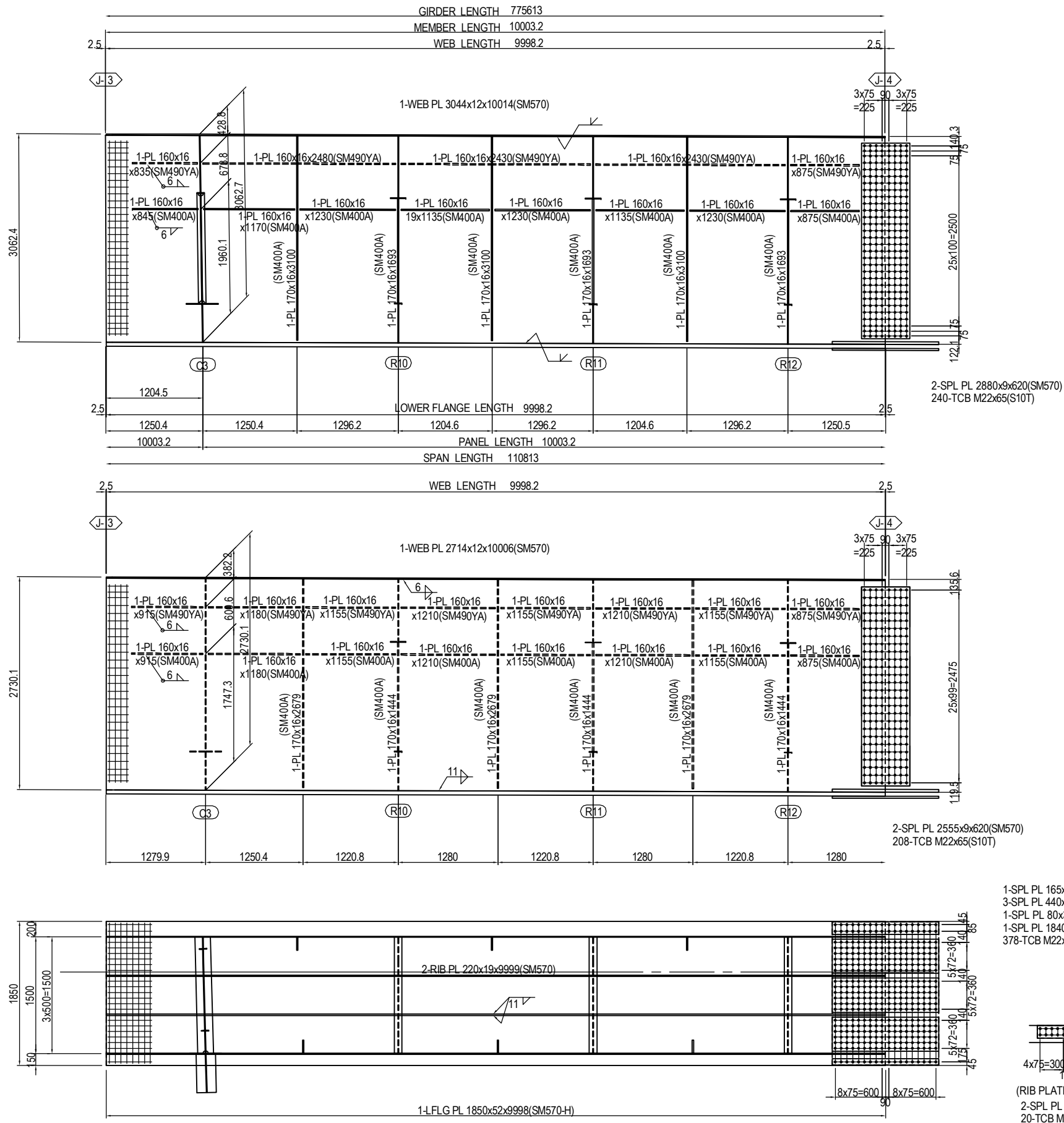
MARKING DIAGRAM



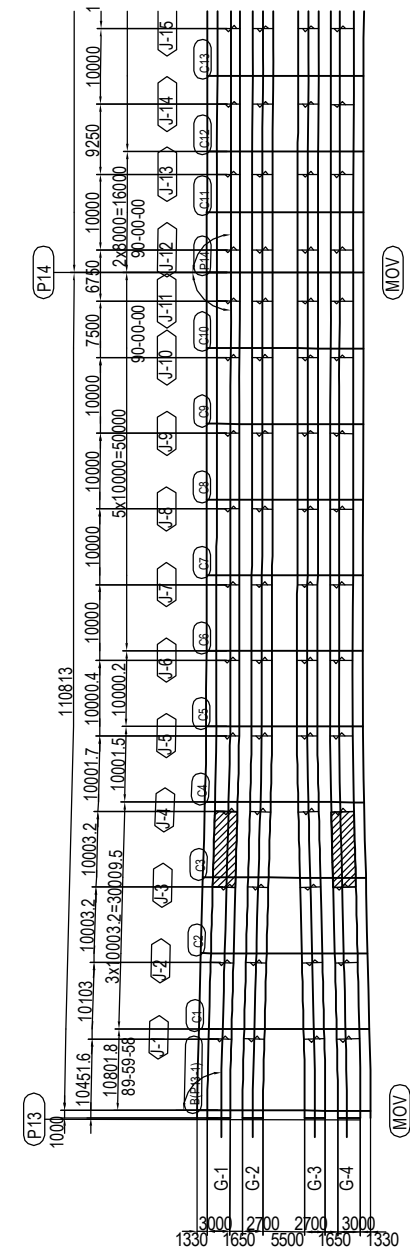
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA		15 Jun.2017	DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (3)	2
				T. HAYAKAWA		20 Jun.2017		DWG No.
				Y. SANO		21 Jun.2017		P2-SB-1103

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (4)

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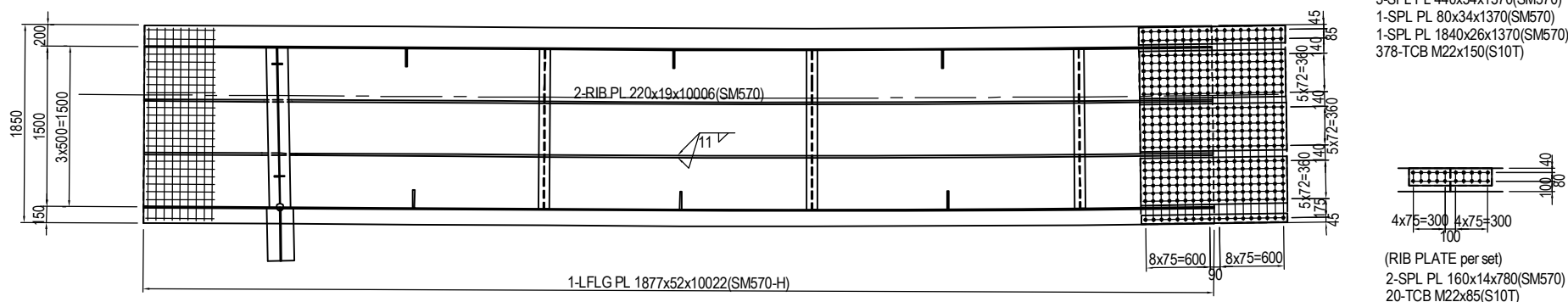
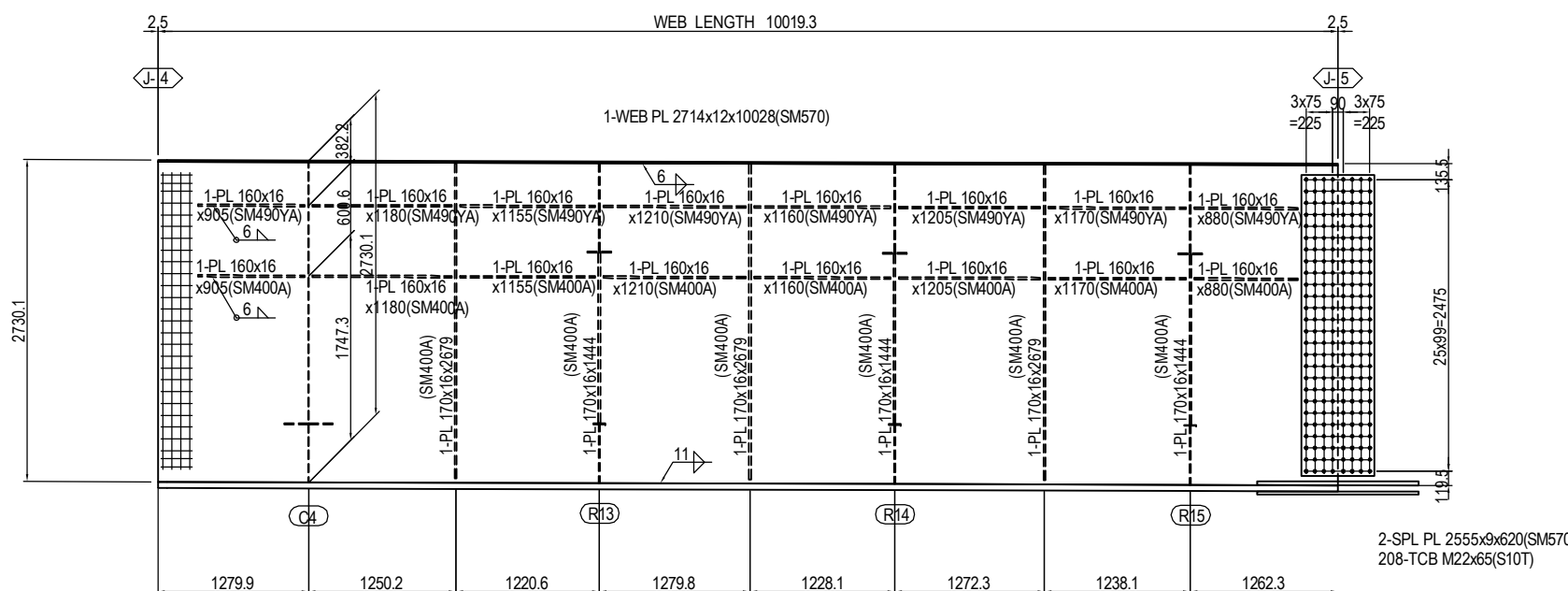
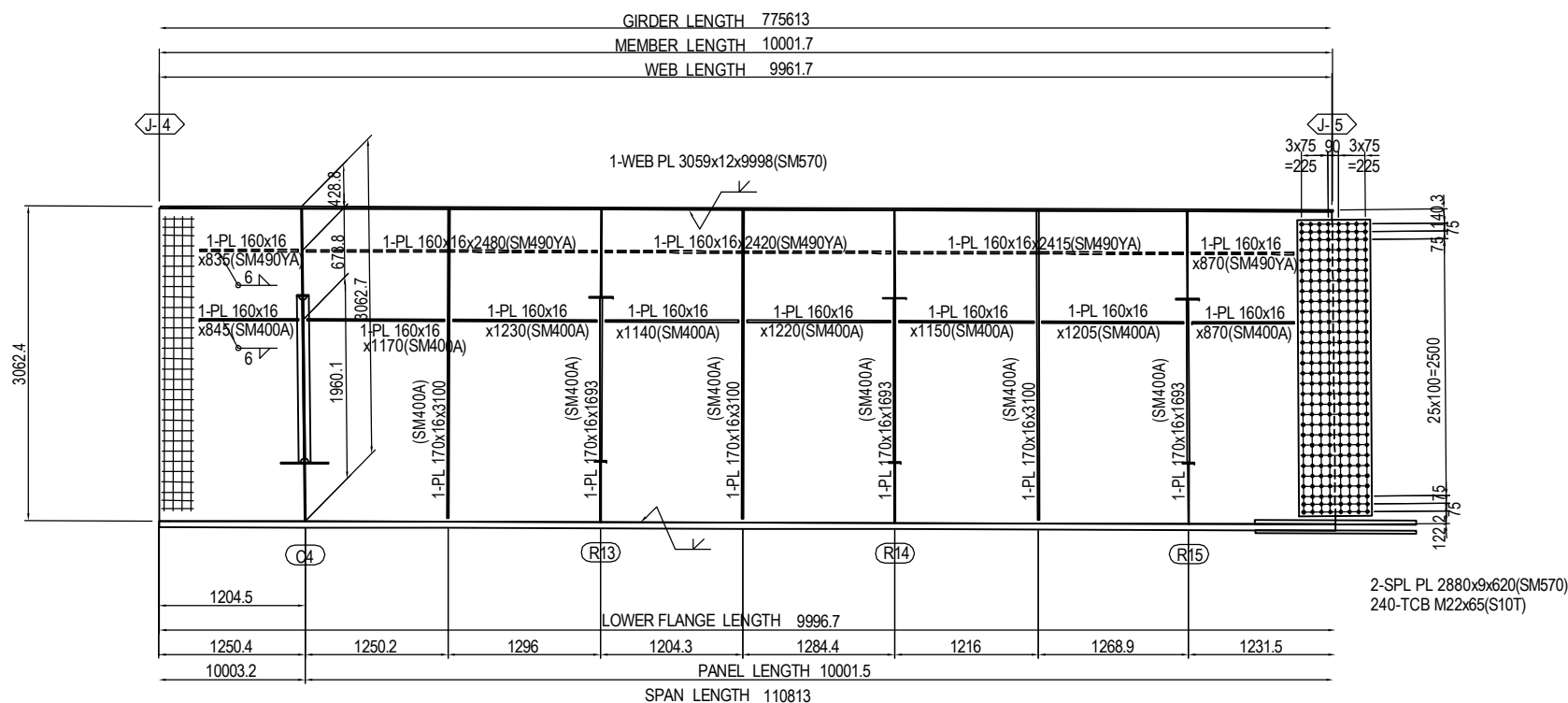
MARKING DIAGRAM



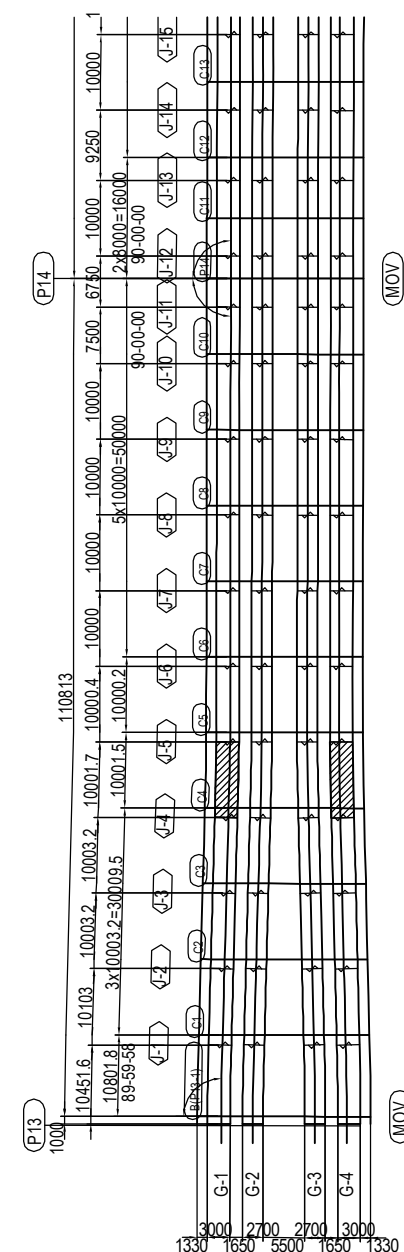
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (4)	PACKAGE 2 DWG No. P2-SB-1104
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		
				APPROVED BY	Y. SANO	21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (5)

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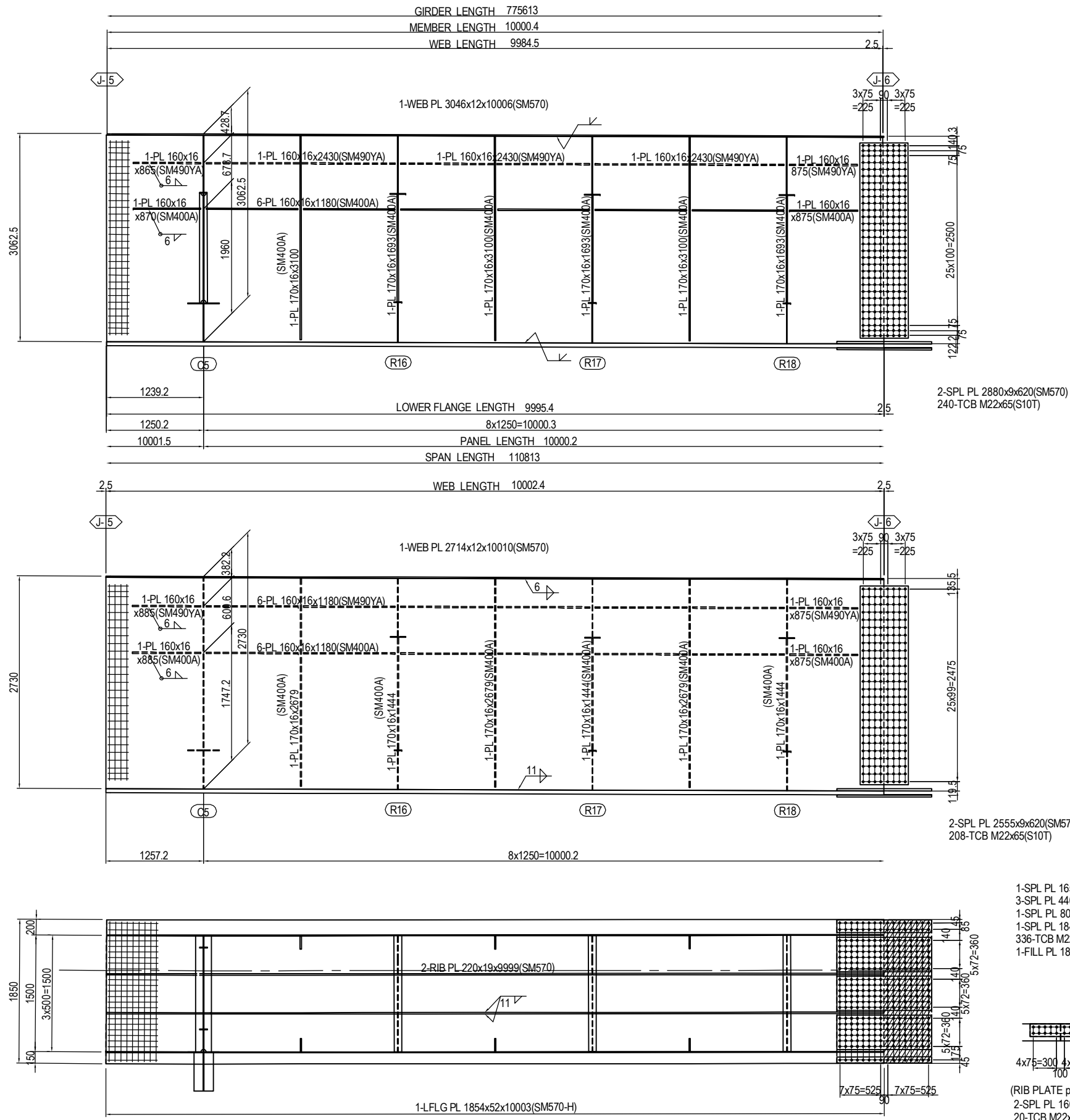
MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY jica JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE <i>S. Imada</i>	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (5)	PACKAGE 2
				CHECKED BY T. HAYAKAWA	<i>T. Hayakawa</i>	20 Jun.2017		DWG No.
				APPROVED BY Y. SANO	<i>Y. Sano</i>	21 Jun.2017		P2-SB-1105

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (6)

S=1:60



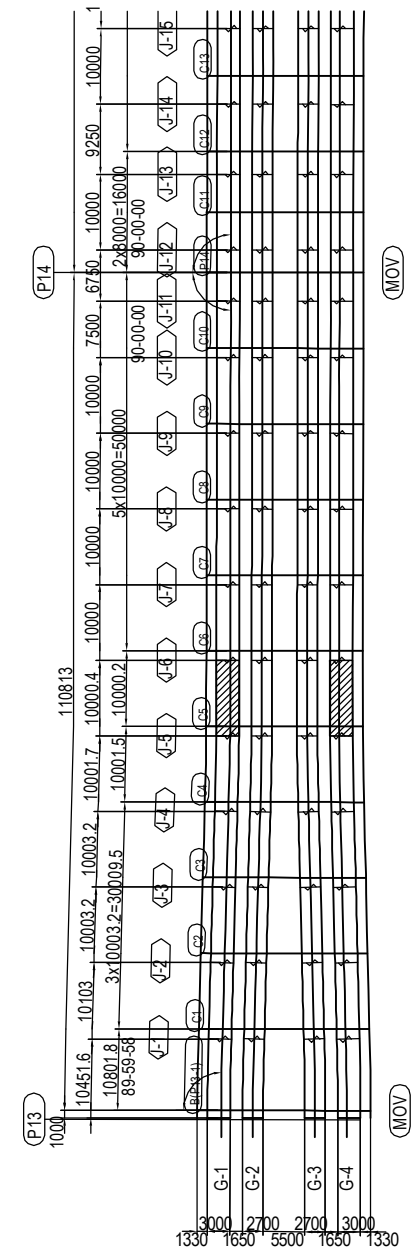
2-SPL PL 2880x9x620(SM570)
240-TCB M22x65(S10T)

2-SPL PL 2555x9x620(SM570)
208-TCB M22x65(S10T)

- 1-SPL PL 165x29x1220(SM570)
- 3-SPL PL 440x29x1220(SM570)
- 1-SPL PL 80x29x1220(SM570)
- 1-SPL PL 1840x25x1220(SM570)
- 336-TCB M22x145(S10T)
- 1-FILL PL 1840x6x608

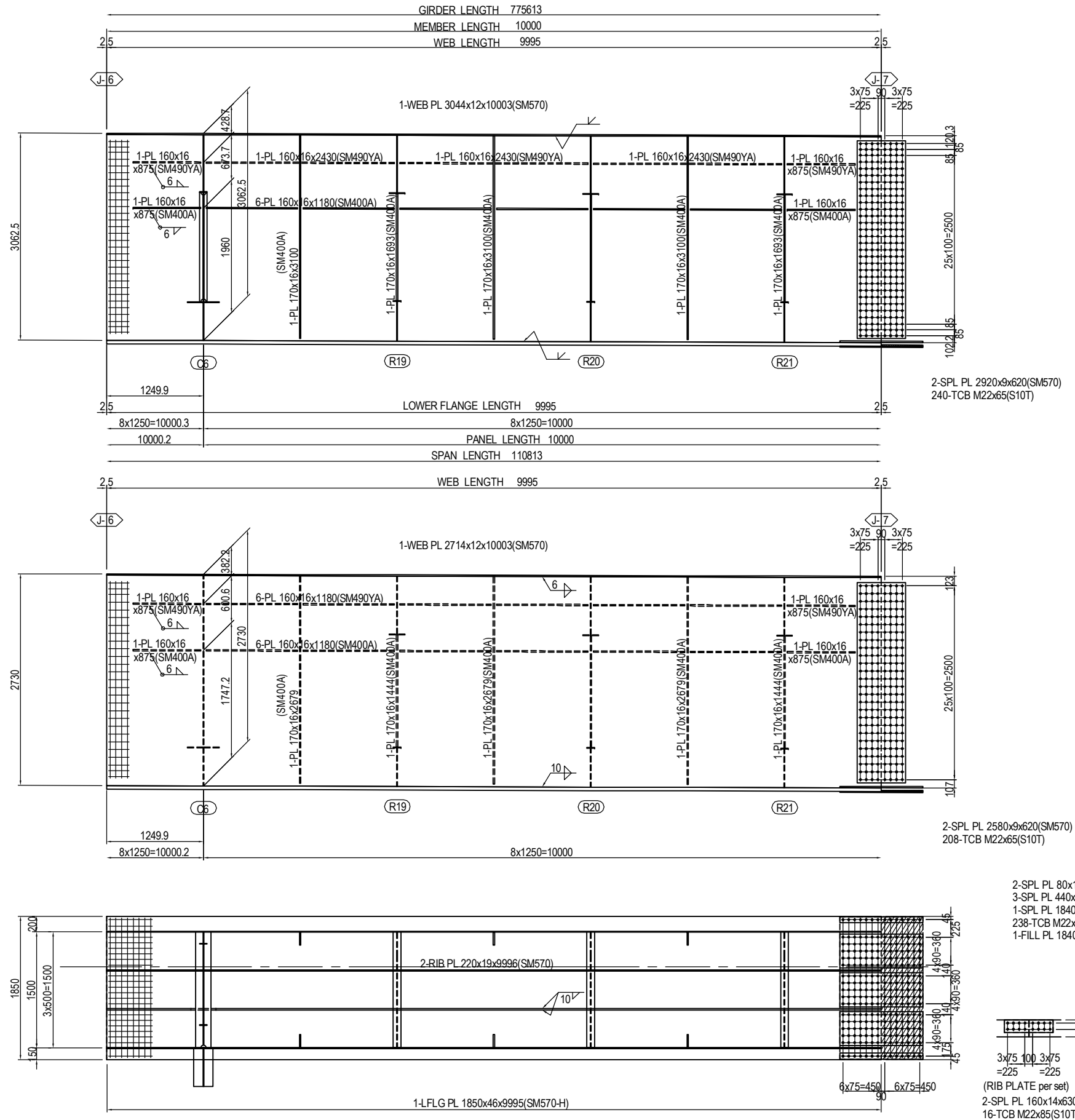
- (RIB PLATE per set)
- 2-SPL PL 160x14x780(SM570)
- 20-TCB M22x85(S10T)

MARKING DIAGRAM

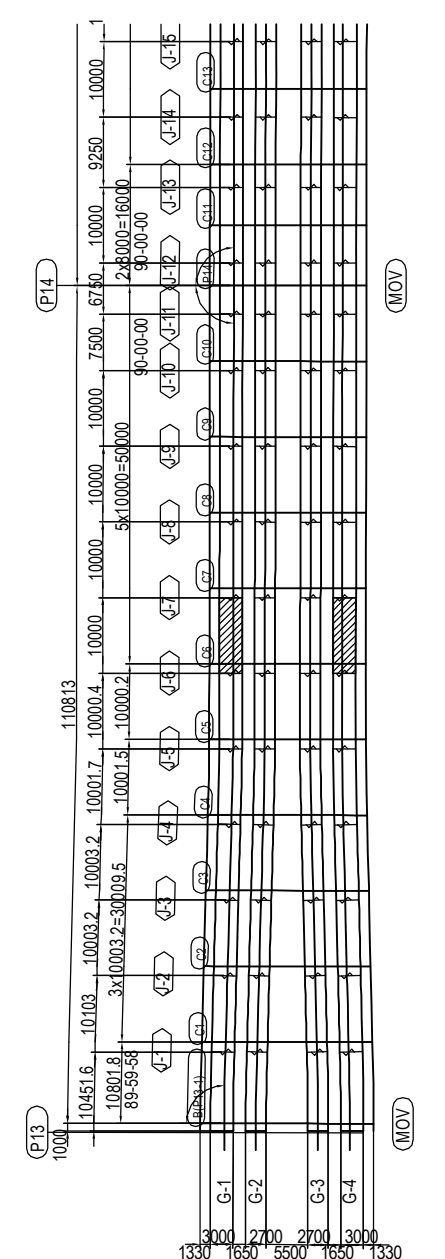


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (6)	PACKAGE 2 DWG No. P2-SB-1106	
				PREPARED BY	S. IMADA				15 Jun.2017
				CHECKED BY	T. HAYAKAWA				20 Jun.2017
				APPROVED BY	Y. SANO				21 Jun.2017

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (7) S=1:60

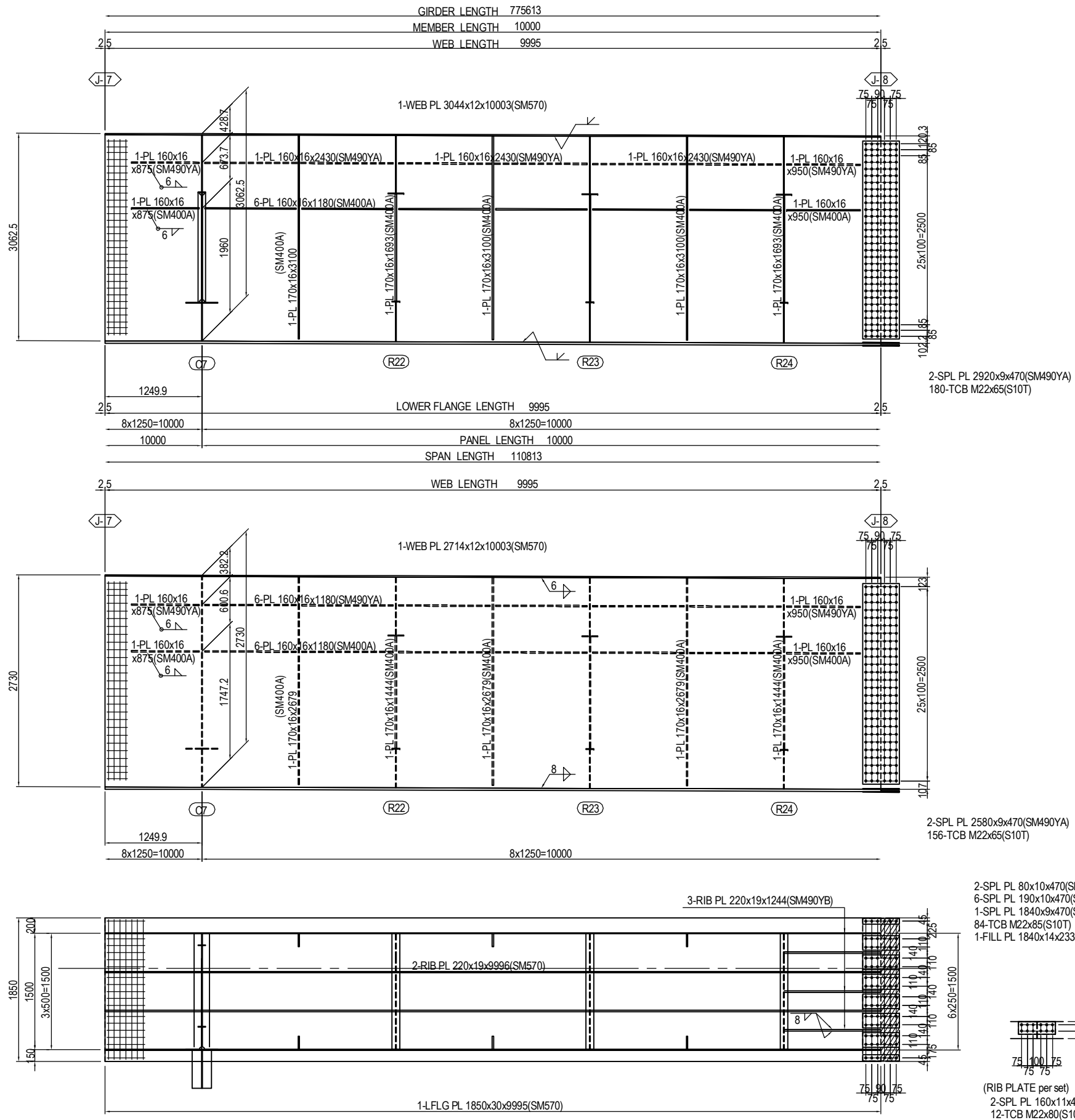


MARKING DIAGRAM

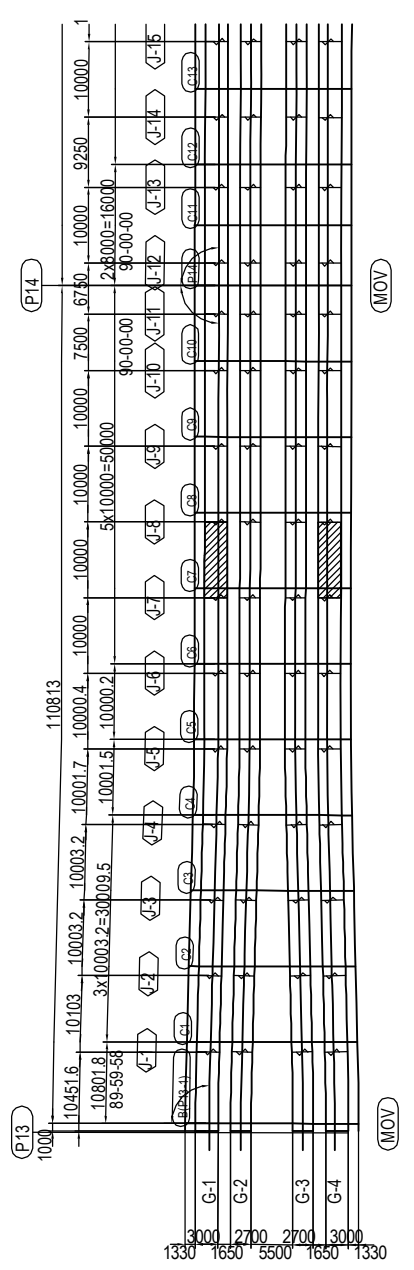


PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA		15 Jun.2017	DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (7)	2
				T. HAYAKAWA		20 Jun.2017		DWG No.
				Y. SANO		21 Jun.2017		P2-SB-1107

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (8) S=1:60

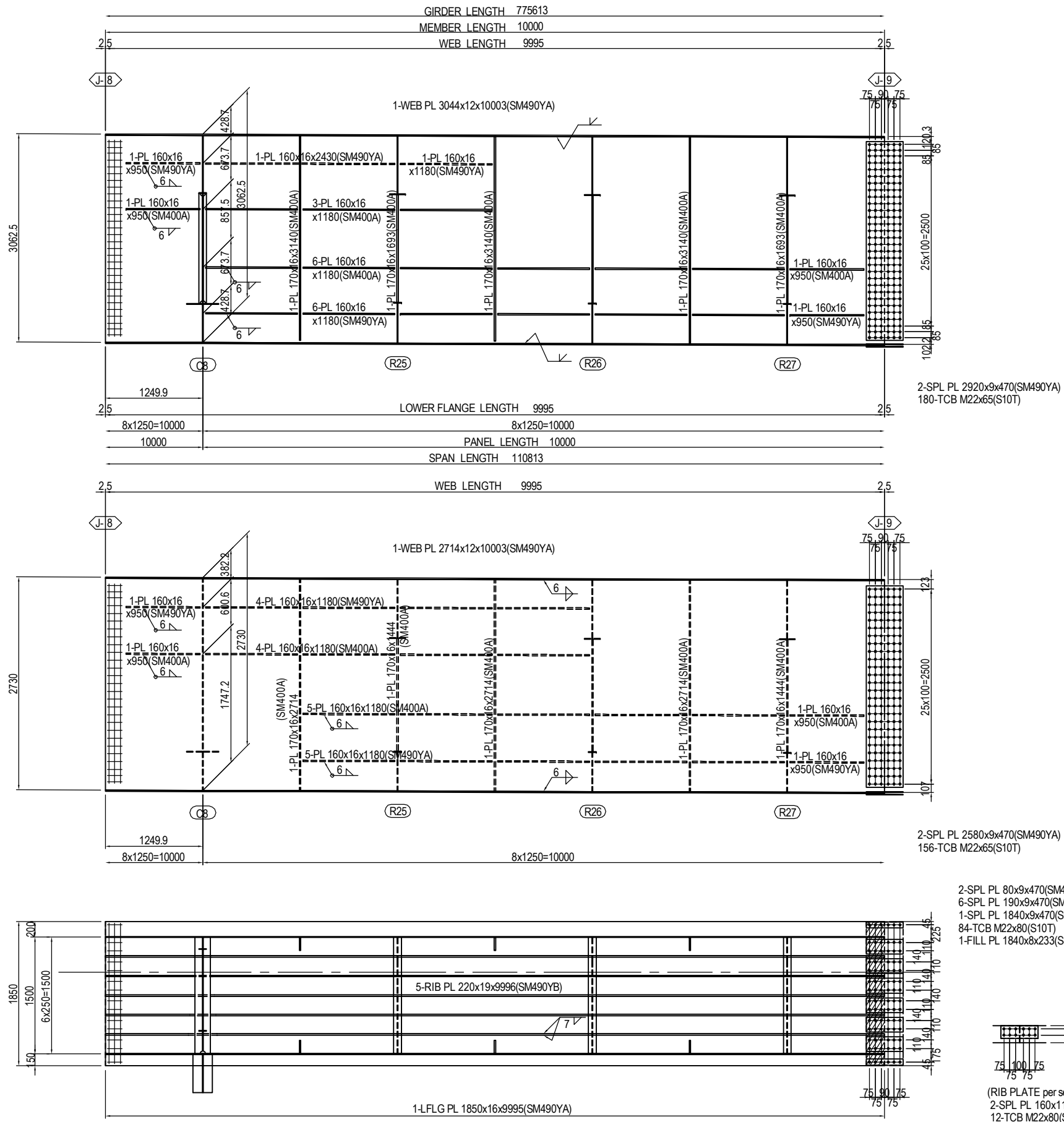


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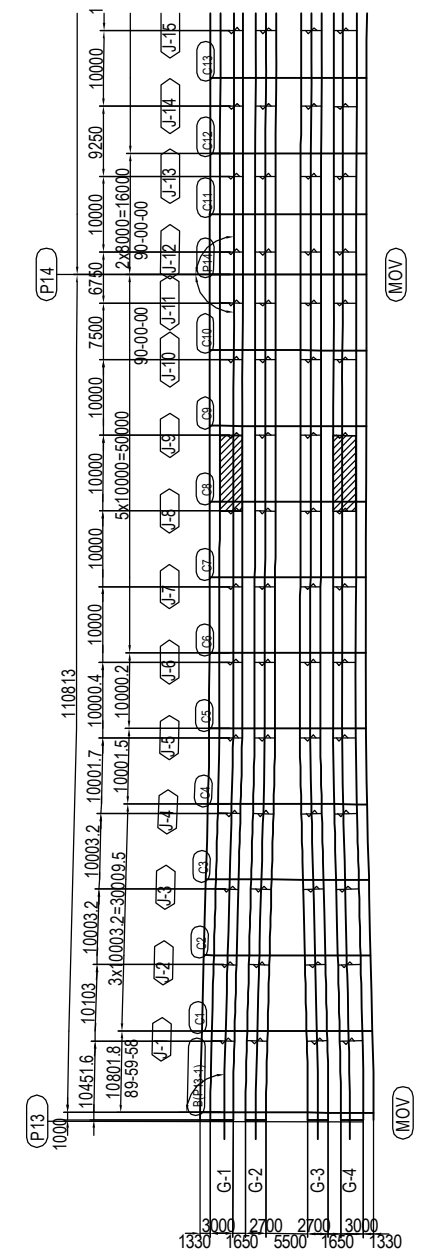


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">NAME</th> <th style="width: 20%;">SIGNATURE</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (8)	PACKAGE 2 DWG No. P2-SB-1108
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (9) S=1:60



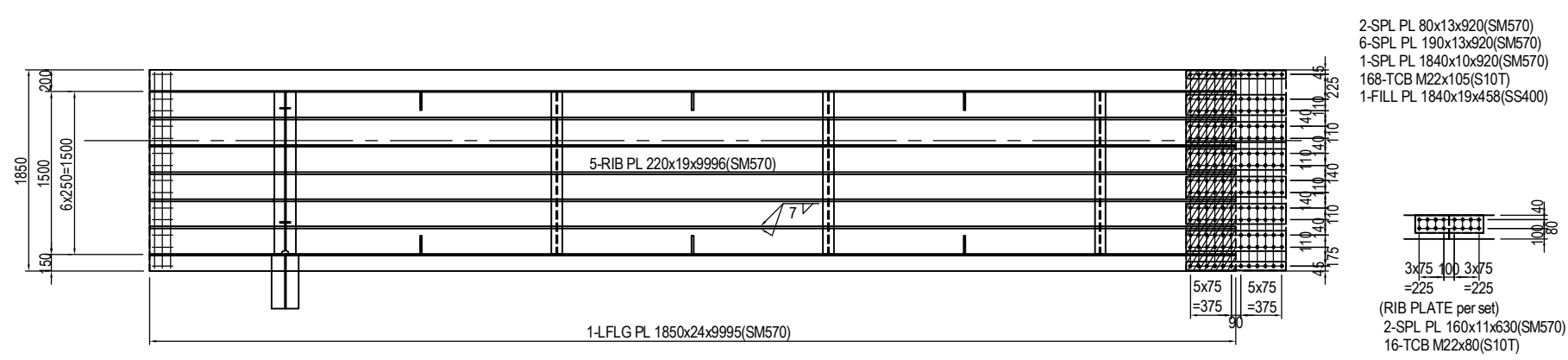
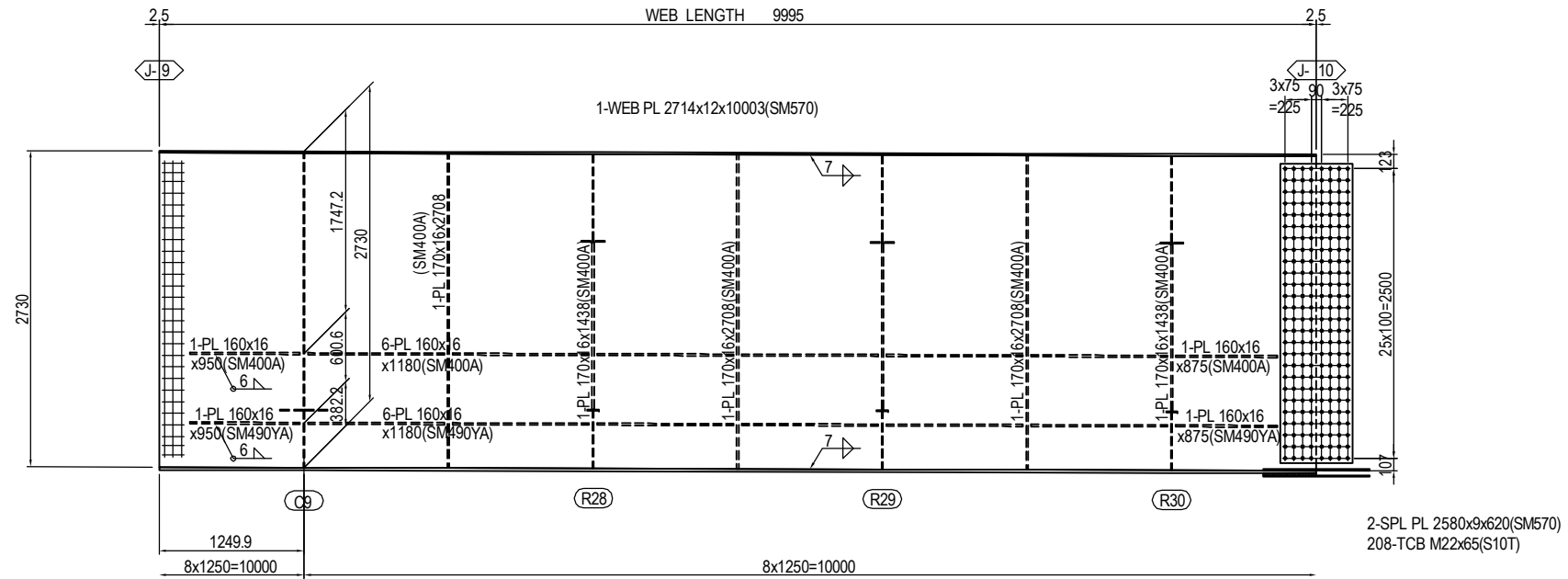
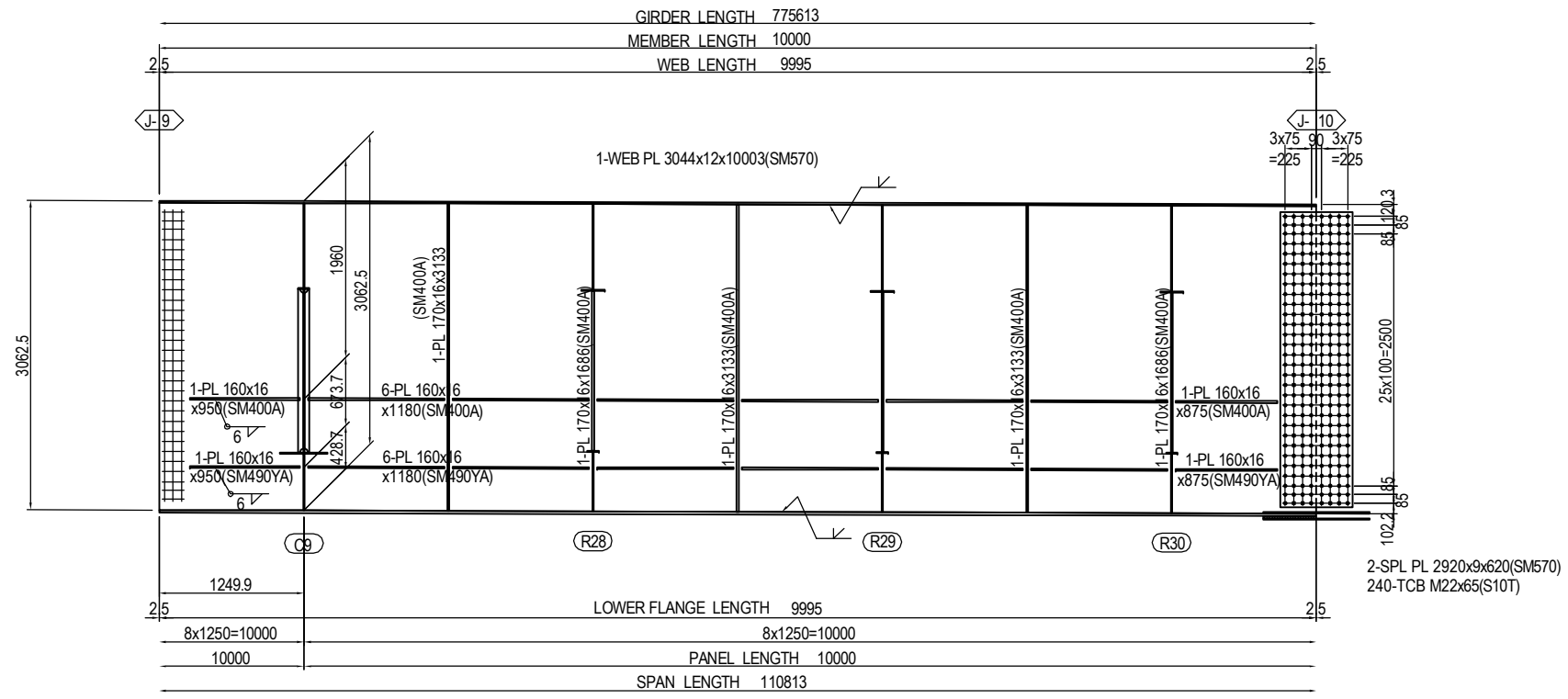
MARKING DIAGRAM



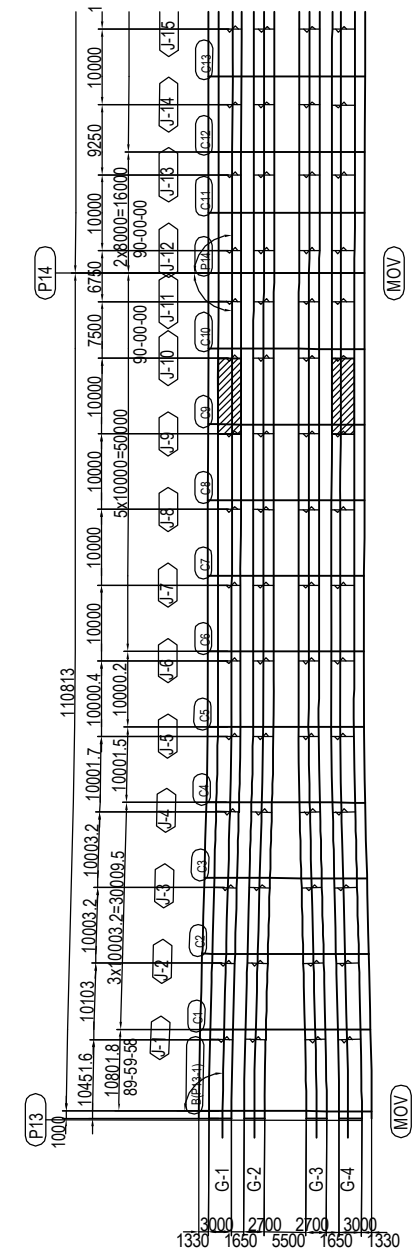
- 2-SPL PL 80x9x470(SM490YA)
- 6-SPL PL 190x9x470(SM490YA)
- 1-SPL PL 1840x9x470(SM490YA)
- 84-TCB M22x80(S10T)
- 1-FILL PL 1840x8x233(SS400)
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (9)	PACKAGE 2 DWG No. P2-SB-1109
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (10) S=1:60

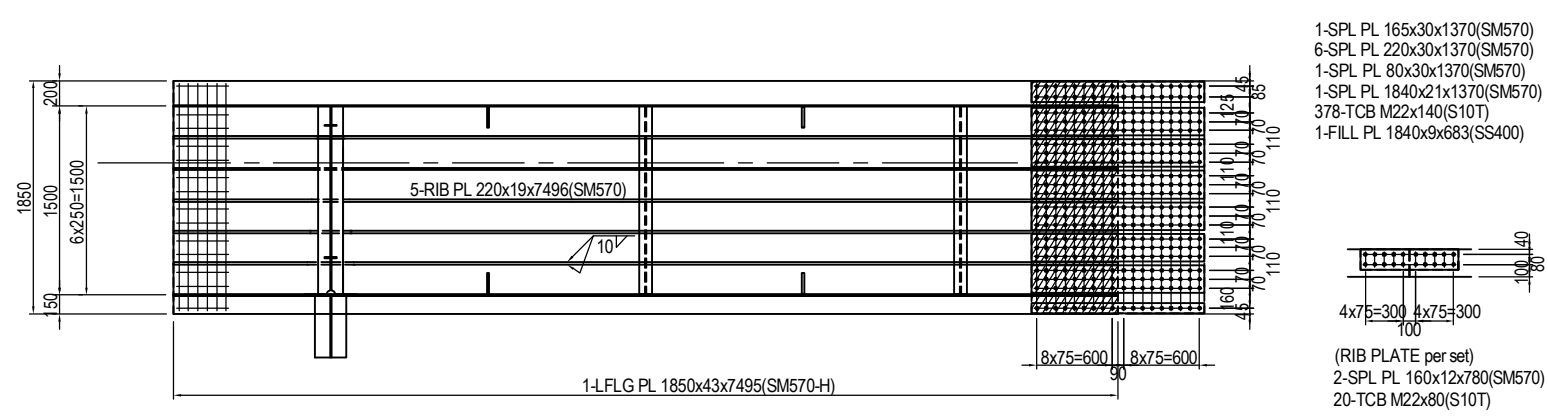
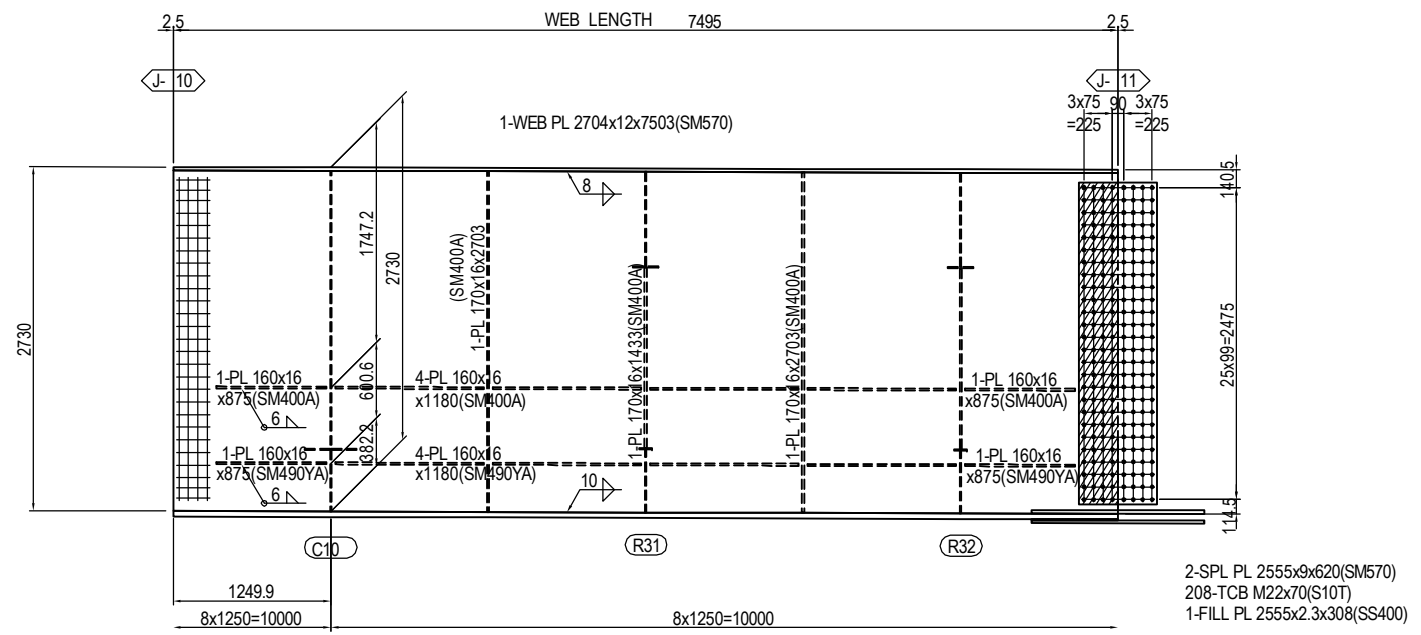
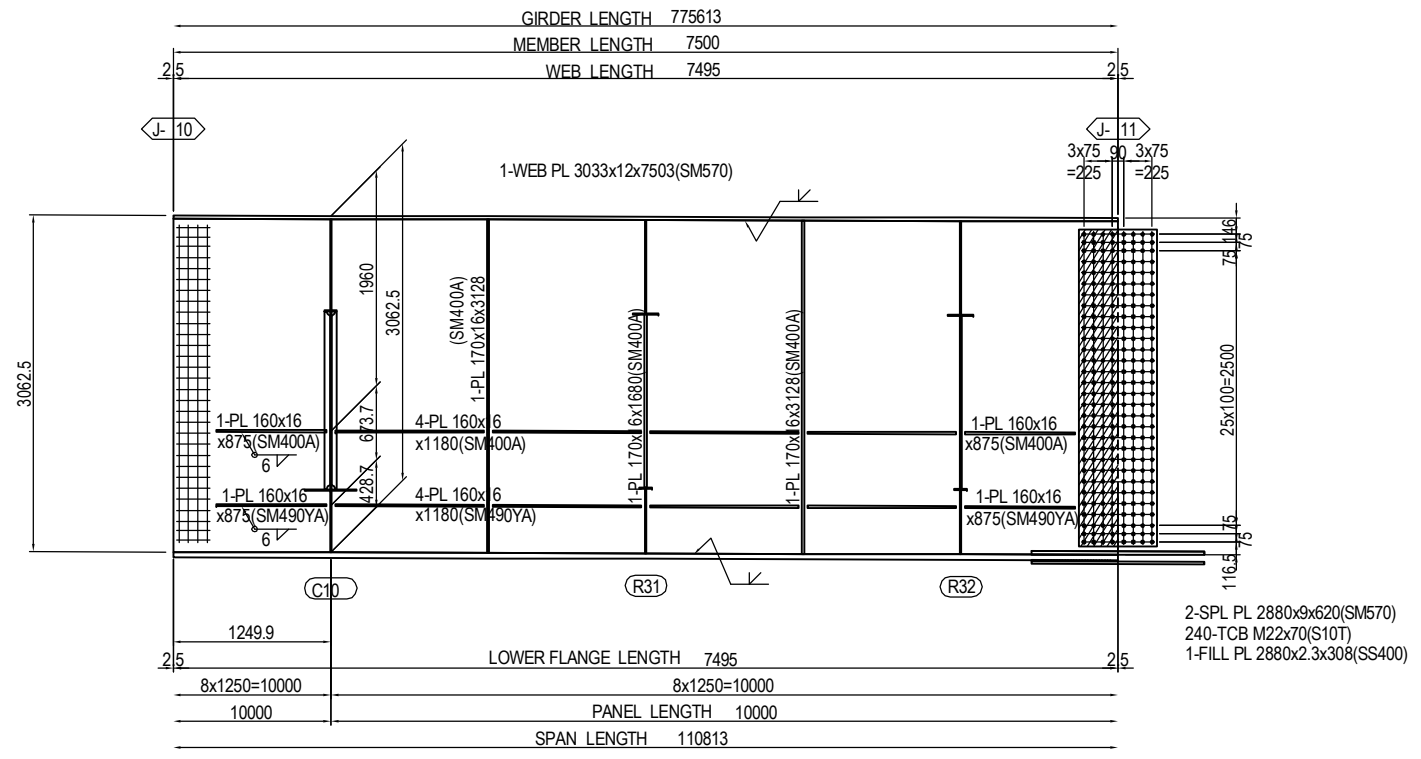


MARKING DIAGRAM

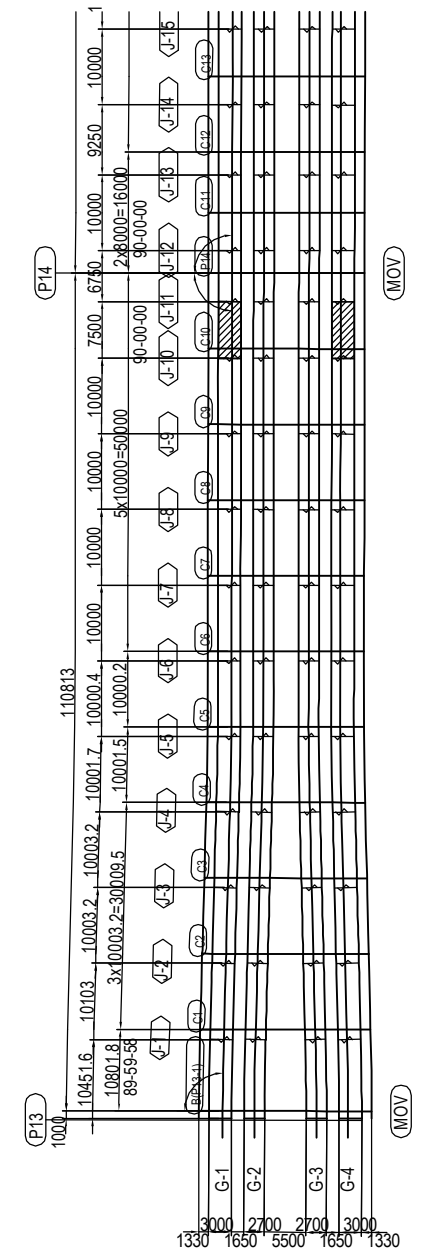


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (10)	PACKAGE 2 DWG No. P2-SB-1110
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (11) S=1:60

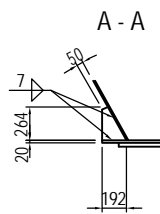
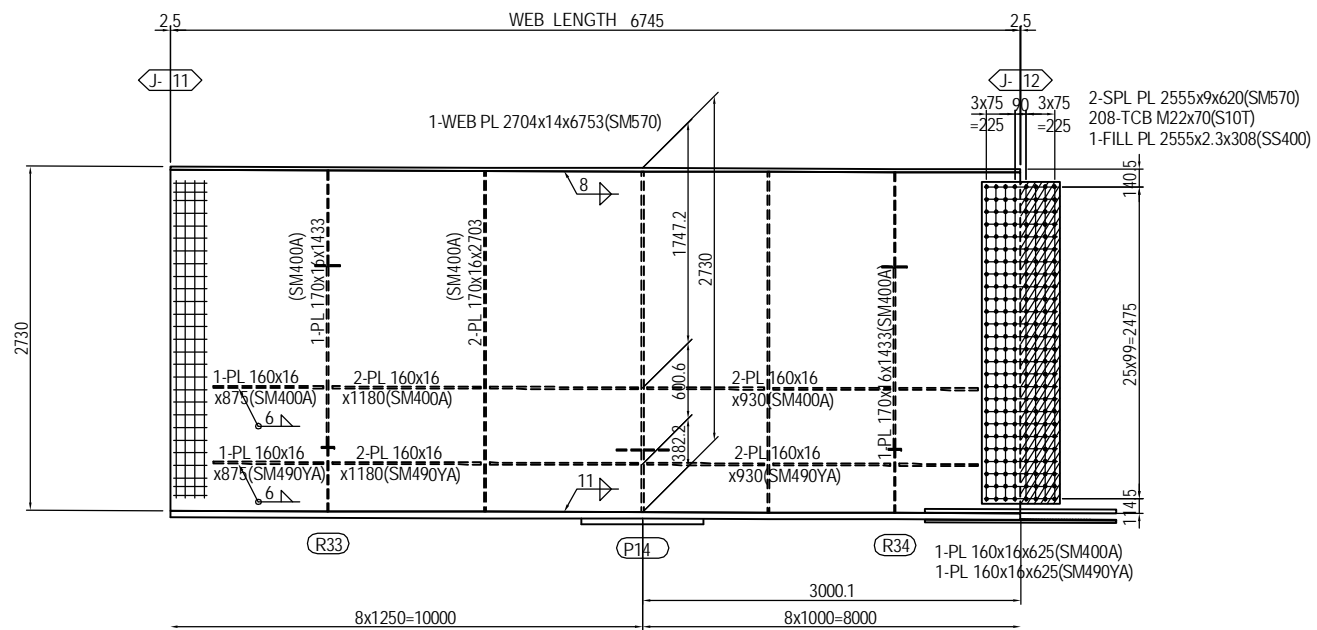
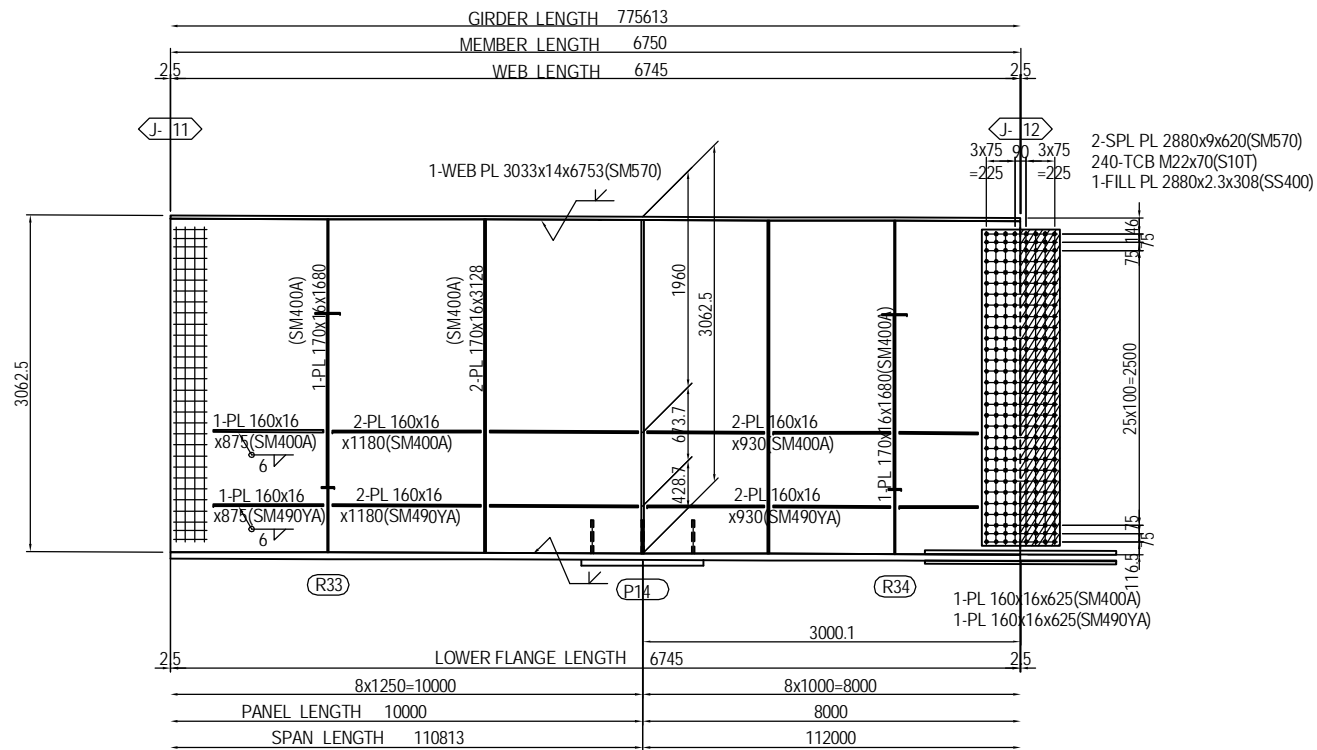


MARKING DIAGRAM

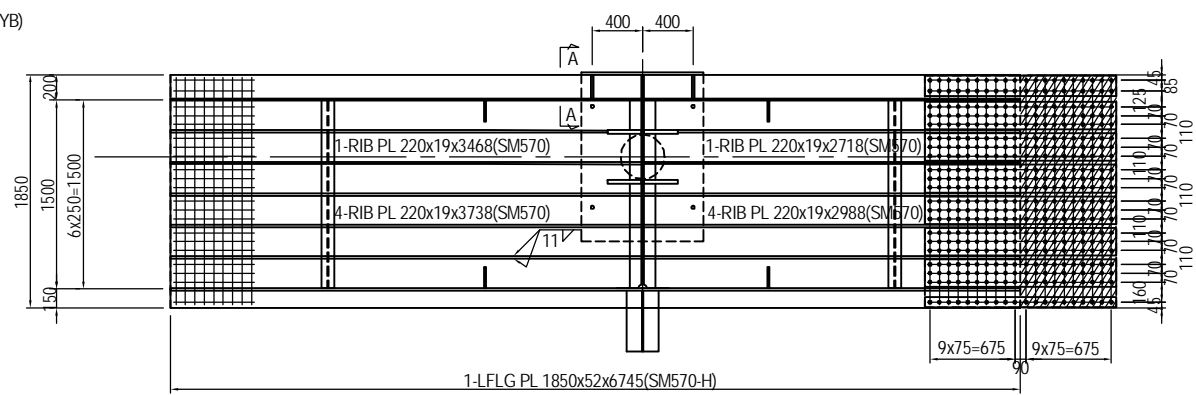


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (11)	PACKAGE 2 DWG No. P2-SB-1111
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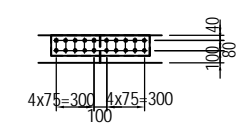
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (12) S=1:60



3-RIB PL 192x19x264(SM490YB)

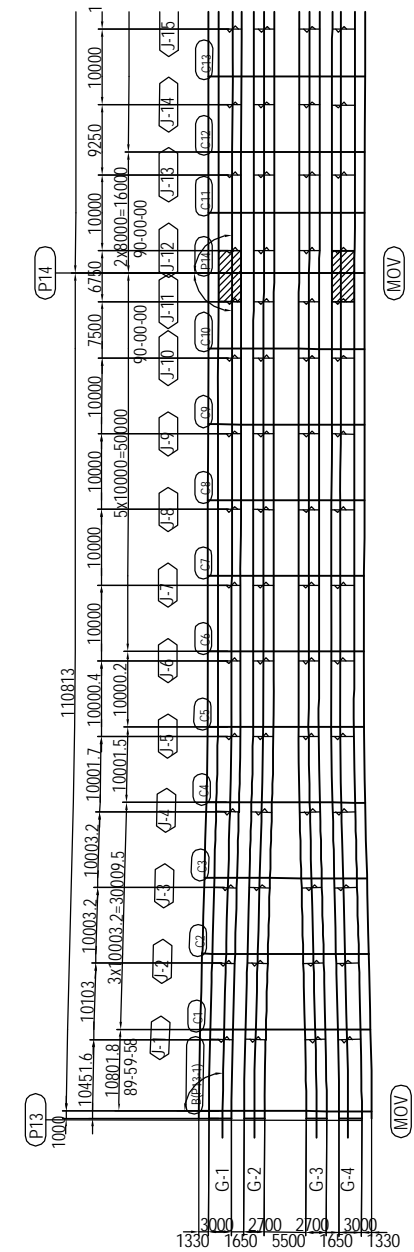


1-SPL PL 165x32x1520(SM570)
 6-SPL PL 220x32x1520(SM570)
 1-SPL PL 80x32x1520(SM570)
 1-SPL PL 1840x23x1520(SM570)
 420-TCB M22x145(S10T)
 1-FILL PL 1840x4.5x758(SS400)



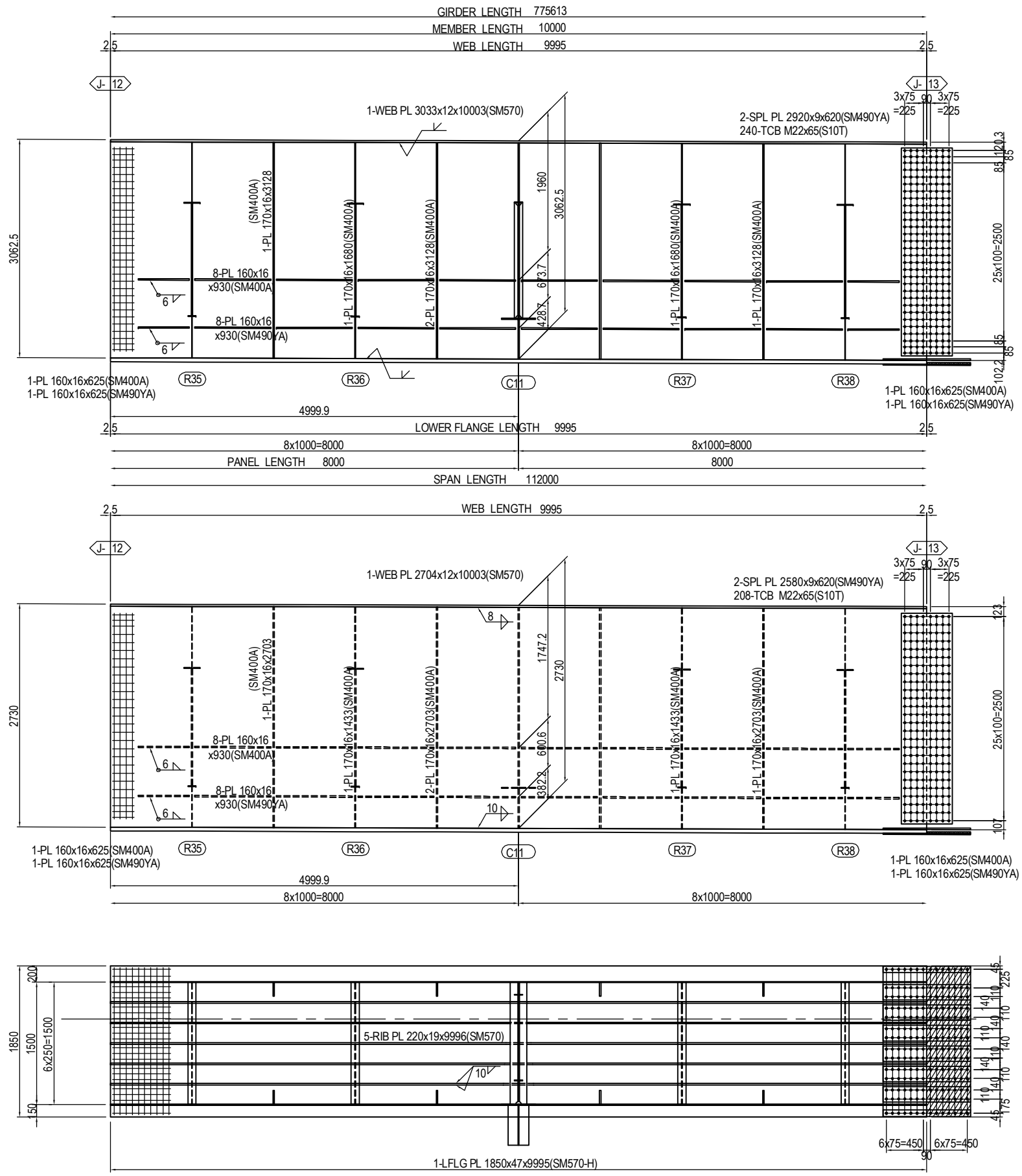
(RIB PLATE per set)
 2-SPL PL 160x12x780(SM570)
 20-TCB M22x80(S10T)

MARKING DIAGRAM

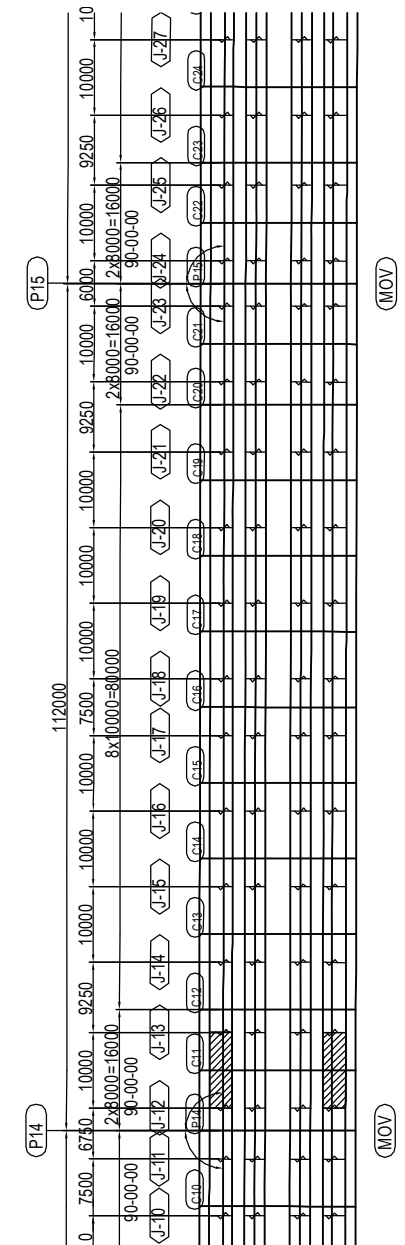


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO. LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (12)	PACKAGE 2 DWG No. P2-SB-1112
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (13) S=1:60



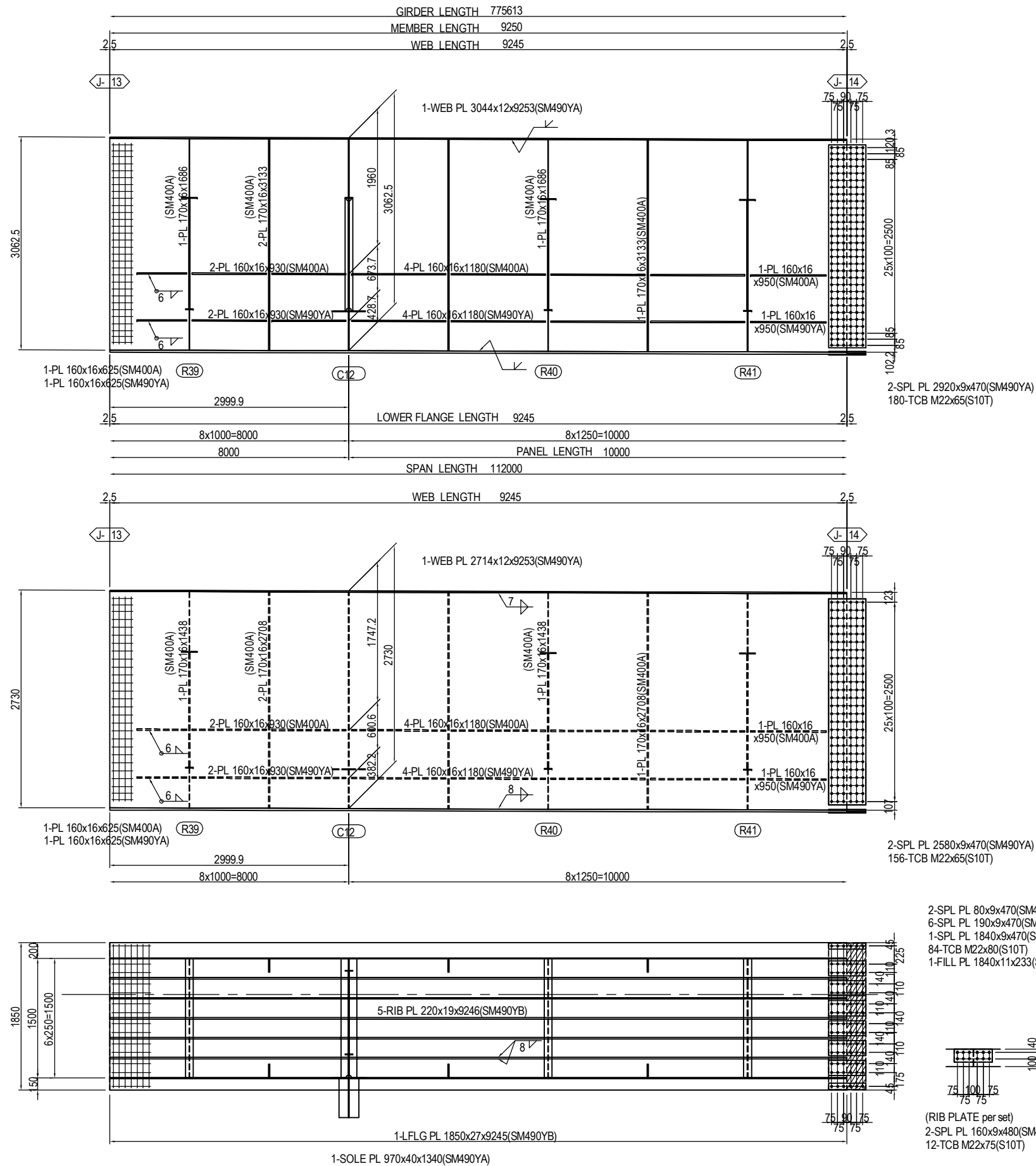
MARKING DIAGRAM



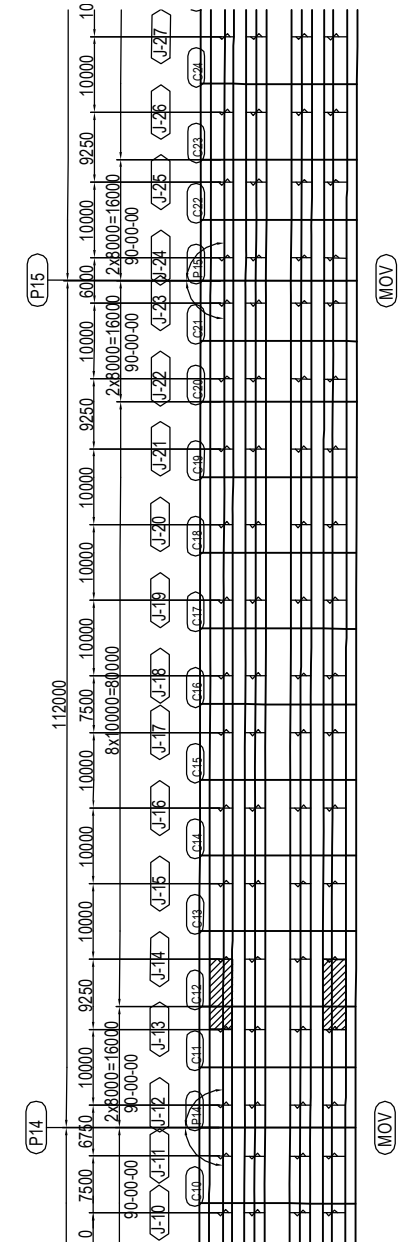
- 2-SPL PL 80x18x1070(SM490YB)
 - 6-SPL PL 190x18x1070(SM490YB)
 - 1-SPL PL 1840x13x1070(SM490YA)
 - 196-TCB M22x115(S10T)
 - 1-FILL PL 1840x20x533(SS400)
- (RIB PLATE per set)
- 2-SPL PL 160x12x630(SM490YA)
 - 16-TCB M22x80(S10T)

PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	15 Jun.2017 20 Jun.2017 21 Jun.2017	DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (13)	2 DWG No. P2-SB-1113

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (14) S=1:60



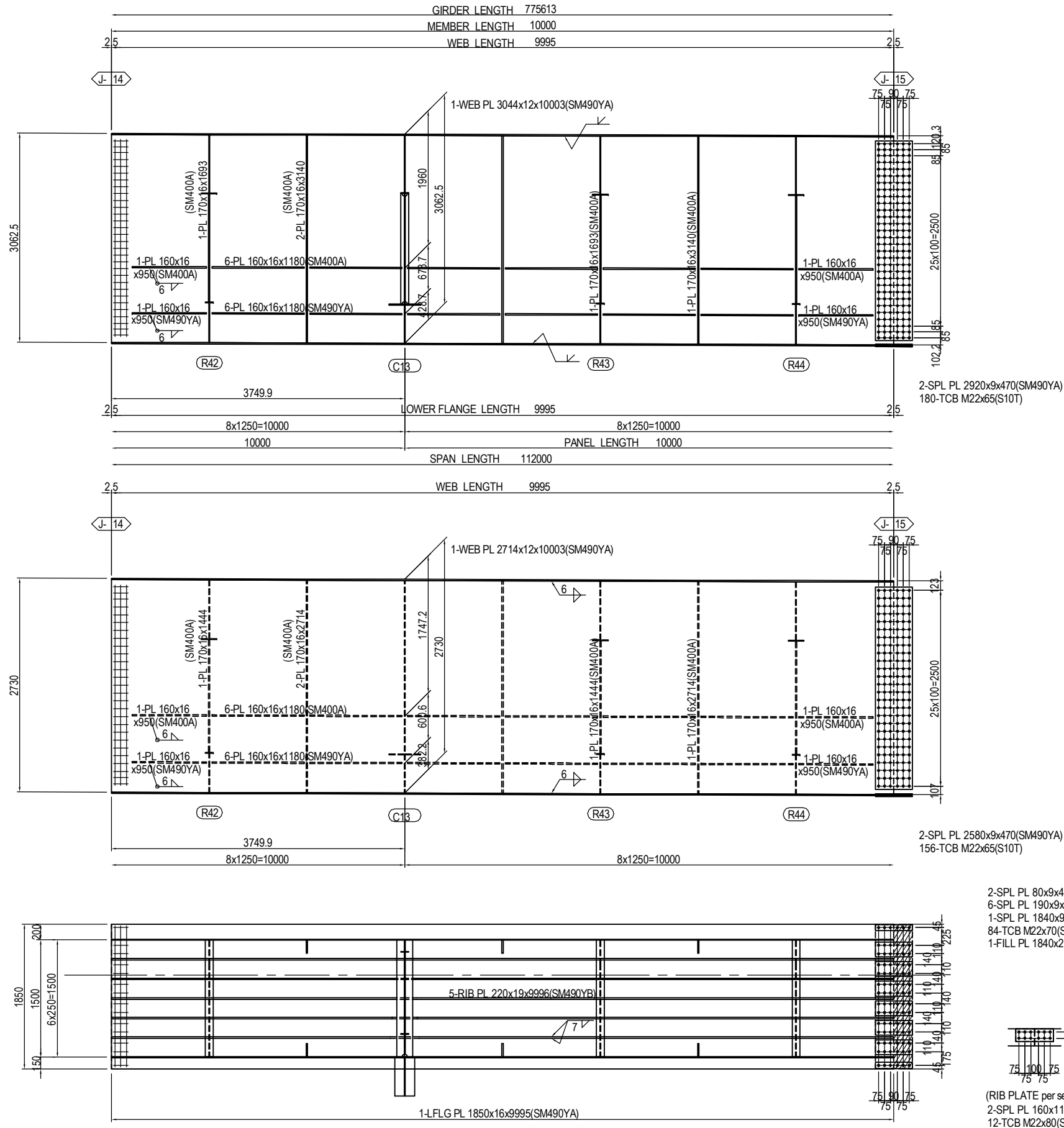
MARKING DIAGRAM



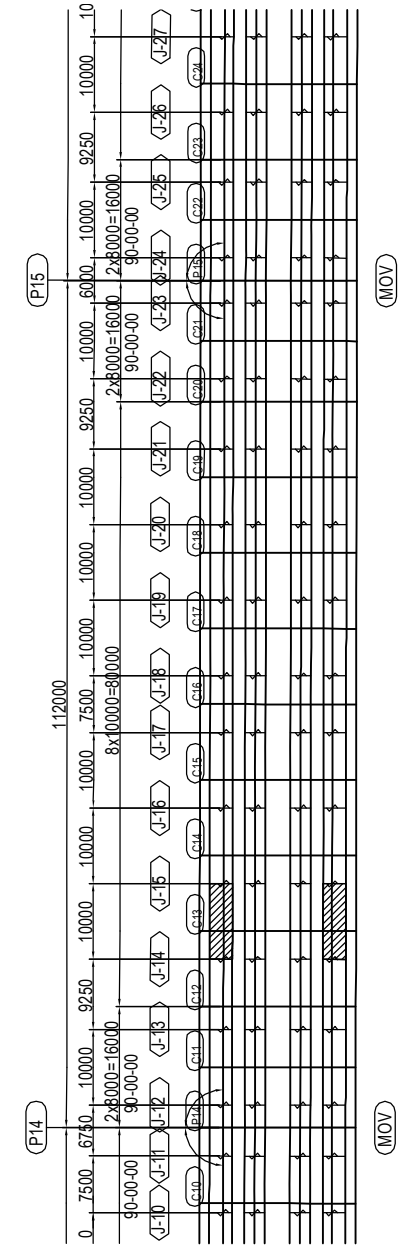
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (14)	PACKAGE 2 DWG No. P2-SB-1114
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

- 2-SPL PL 80x9x470(SM490YA)
 - 6-SPL PL 190x9x470(SM490YA)
 - 1-SPL PL 1840x9x470(SM490YA)
 - 84-TCB M22x80(S10T)
 - 1-FILL PL 1840x11x233(SS400)
- (RIB PLATE per set)
- 2-SPL PL 160x9x480(SM490YA)
 - 12-TCB M22x75(S10T)

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (15) S=1:60



MARKING DIAGRAM

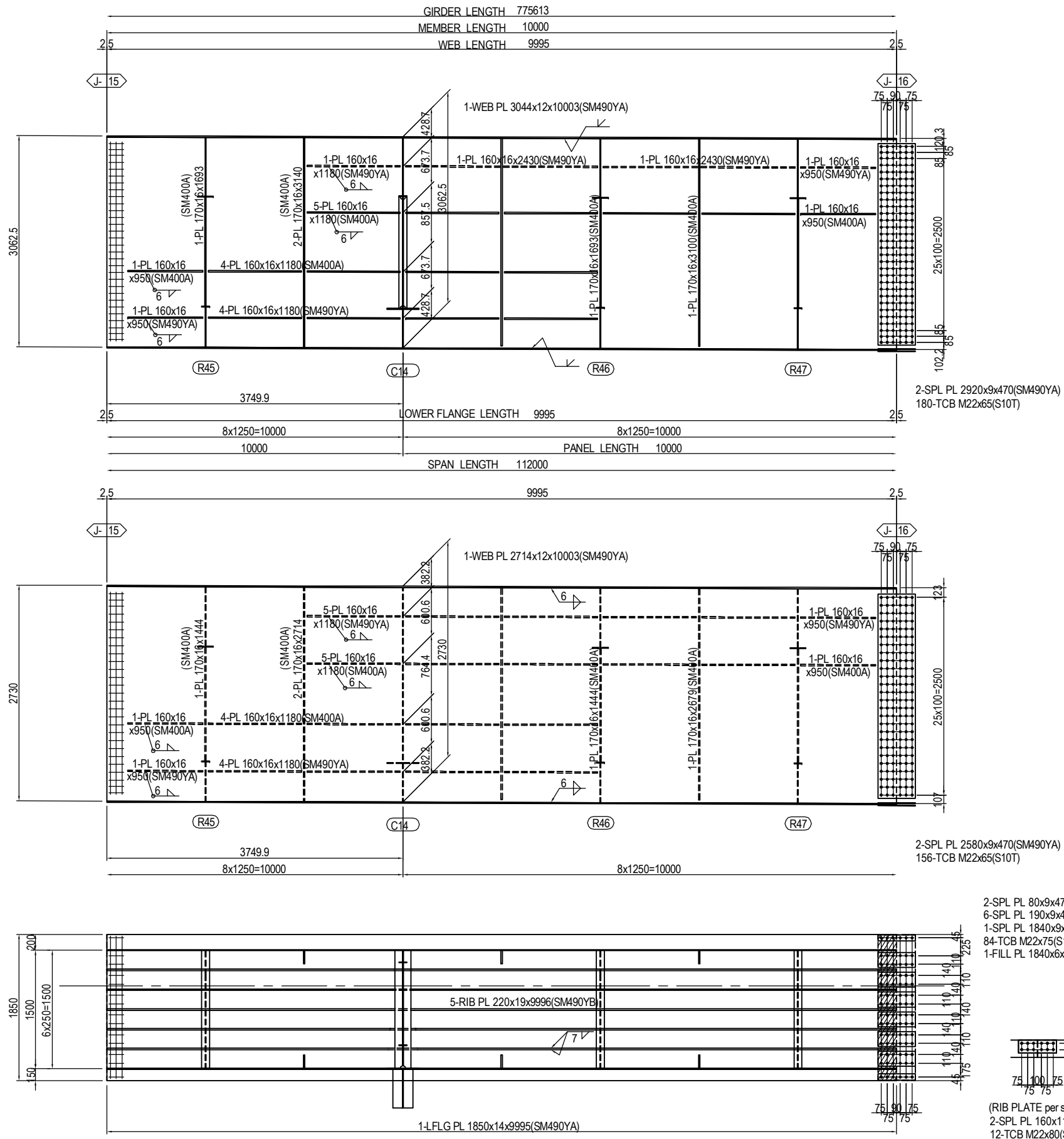


- 2-SPL PL 80x9x470(SM490YA)
- 6-SPL PL 190x9x470(SM490YA)
- 1-SPL PL 1840x9x470(SM490YA)
- 84-TCB M22x70(S10T)
- 1-FILL PL 1840x2.3x233(SS400)

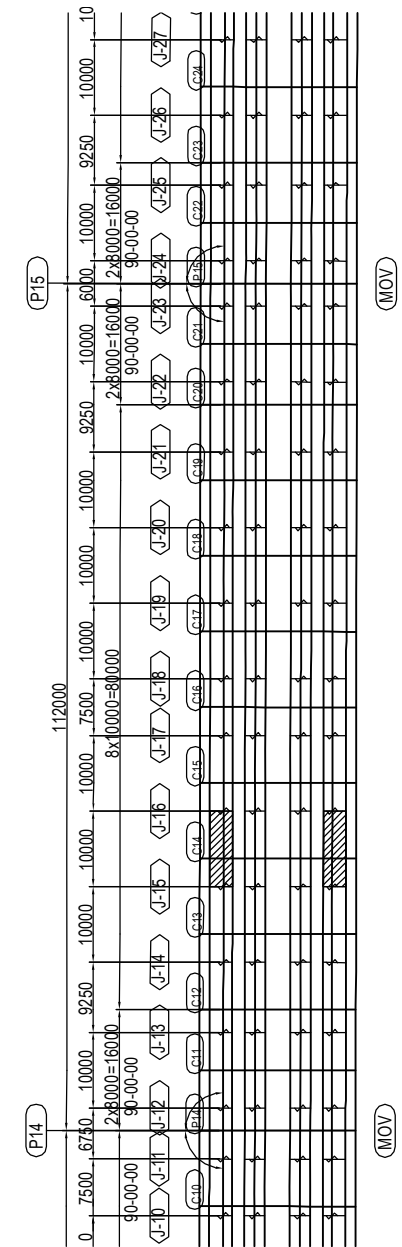
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (15)	PACKAGE 2 DWG No. P2-SB-1115
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (16) S=1:60



MARKING DIAGRAM



PROJECT NAME
DETAILED DESIGN ON
BAGO RIVER BRIDGE
CONSTRUCTION PROJECT

FINANCED BY
 JAPAN INTERNATIONAL
COOPERATION AGENCY

COUNTERPART
 REPUBLIC OF THE UNION OF MYANMAR
MINISTRY OF CONSTRUCTION
DEPARTMENT OF BRIDGE

JICA STUDY TEAM
 NIPPON KOEI CO., LTD.
ORIENTAL CONSULTANTS GLOBAL CO., LTD.
METROPOLITAN EXPRESSWAY COMPANY LIMITED
CHODAI CO. LTD.
NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		15 Jun.2017
CHECKED BY	T. HAYAKAWA		20 Jun.2017
APPROVED BY	Y. SANO		21 Jun.2017

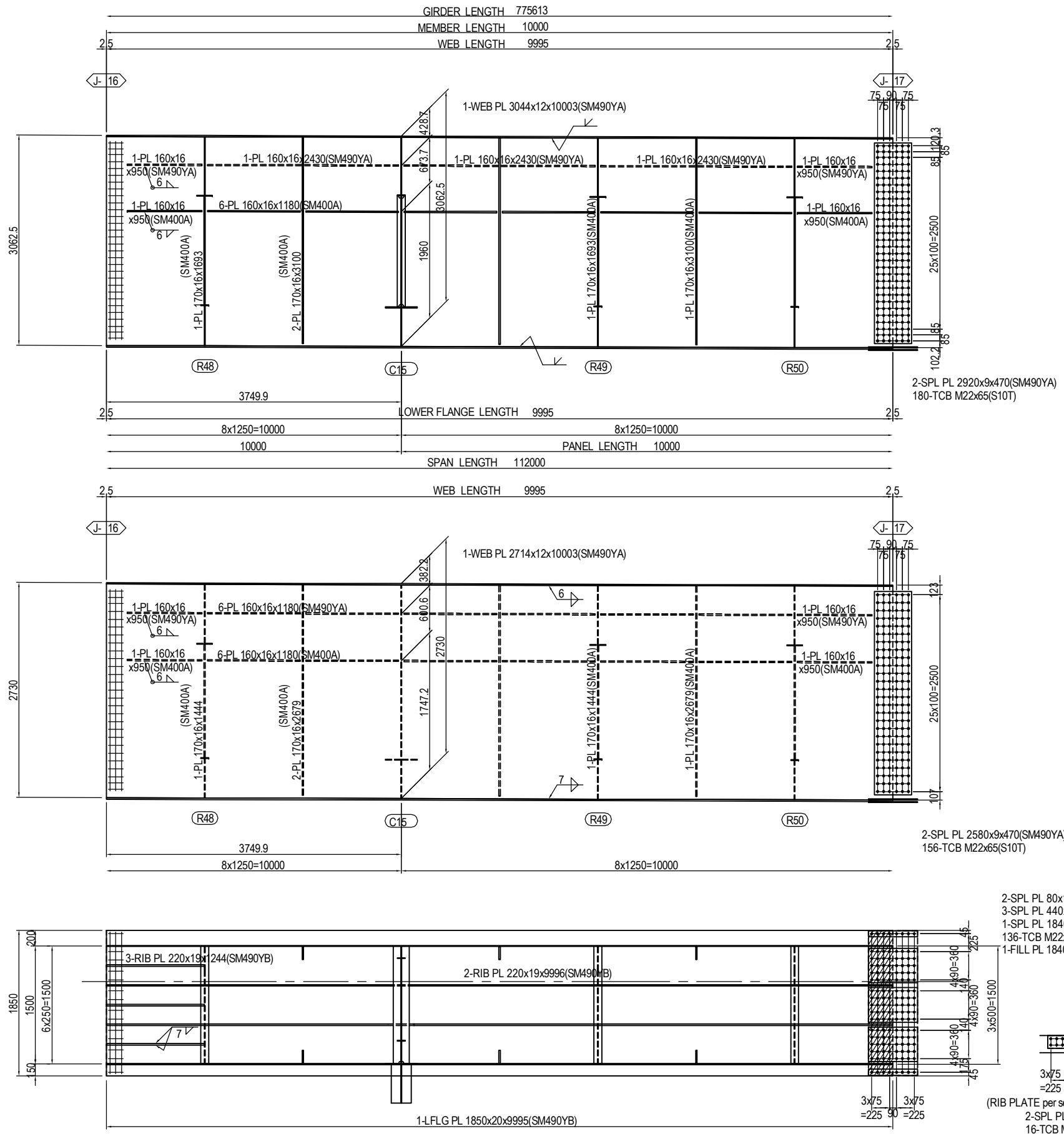
DRAWING TITLE
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (16)

PACKAGE
2
DWG No.
P2-SB-1116

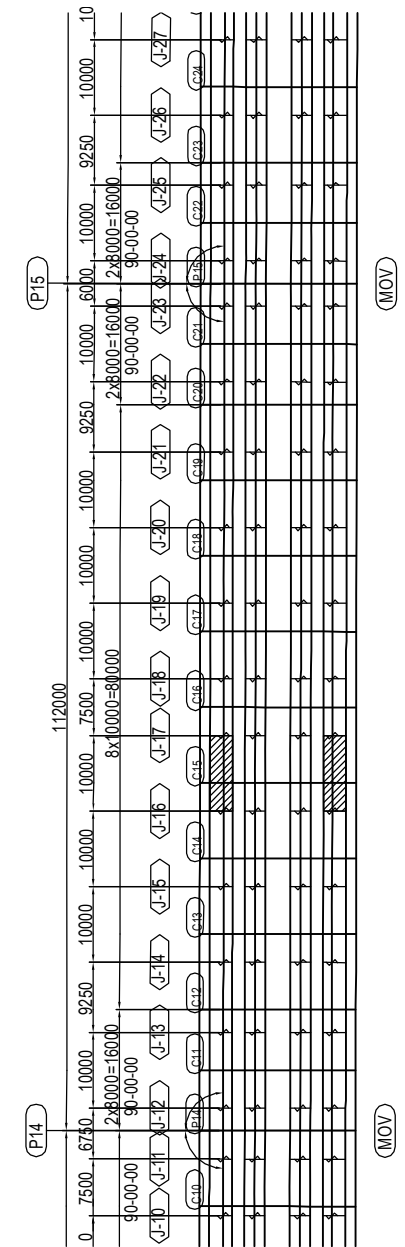
- 2-SPL PL 80x9x470(SM490YA)
- 6-SPL PL 190x9x470(SM490YA)
- 1-SPL PL 1840x9x470(SM490YA)
- 84-TCB M22x75(S10T)
- 1-FILL PL 1840x6x233(SS400)

- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (17) S=1:60

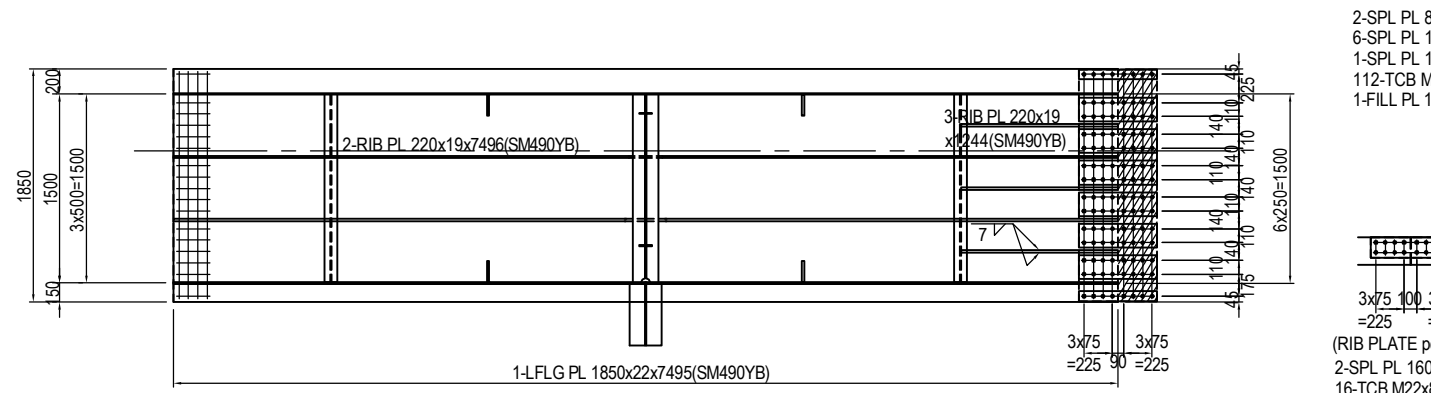
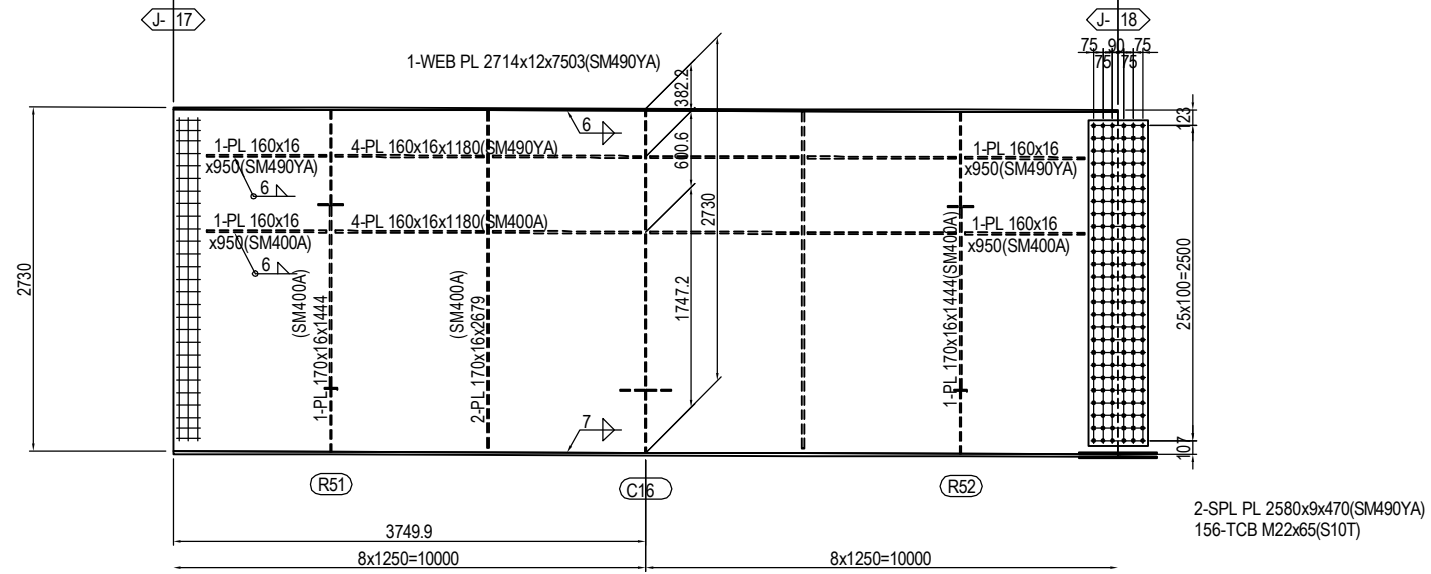
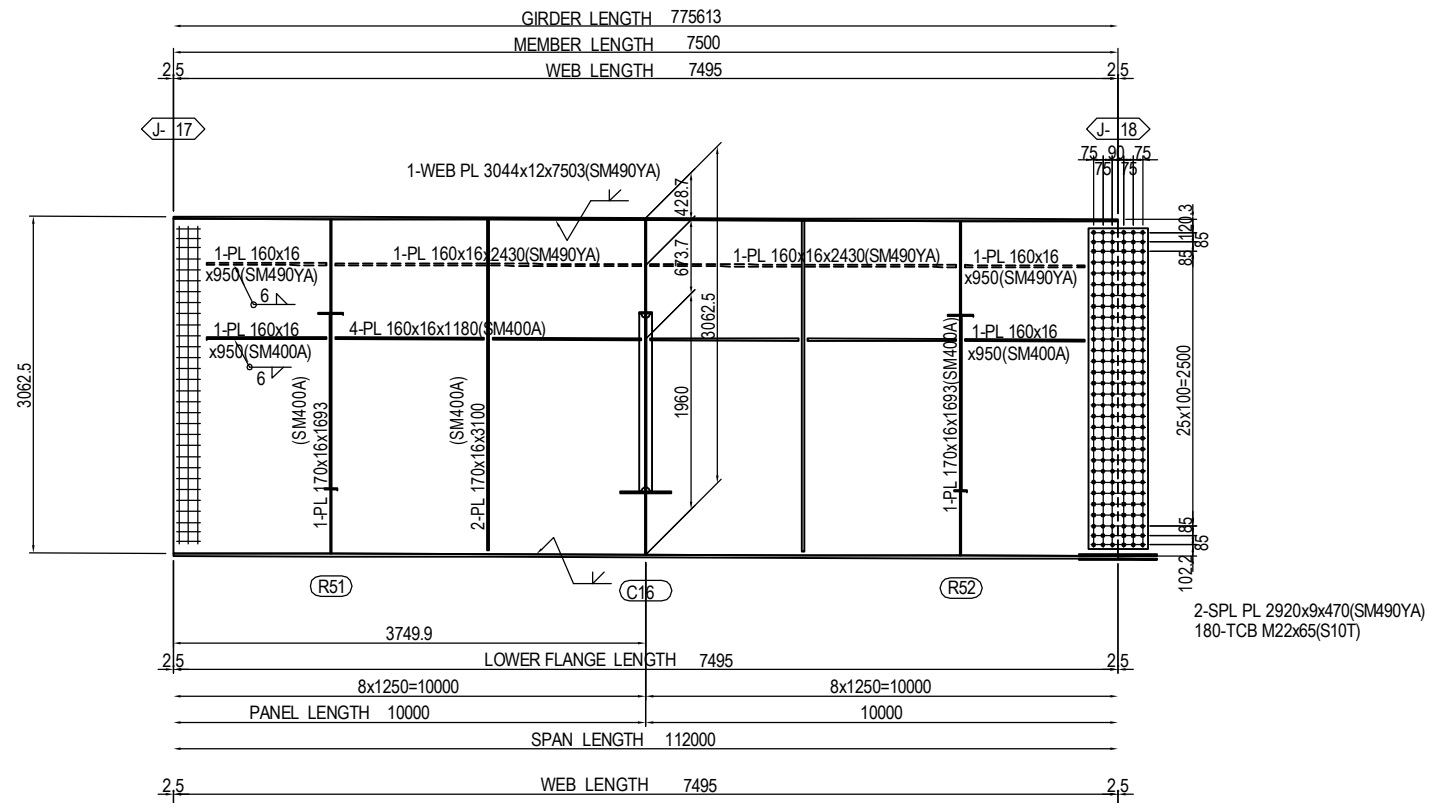


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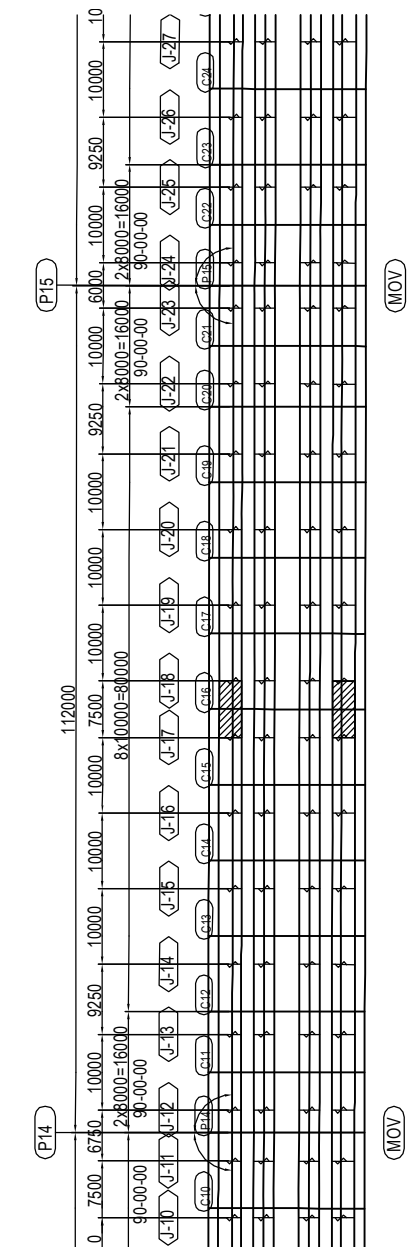
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (17)	PACKAGE 2 DWG No. P2-SB-1117
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (18) S=1:60



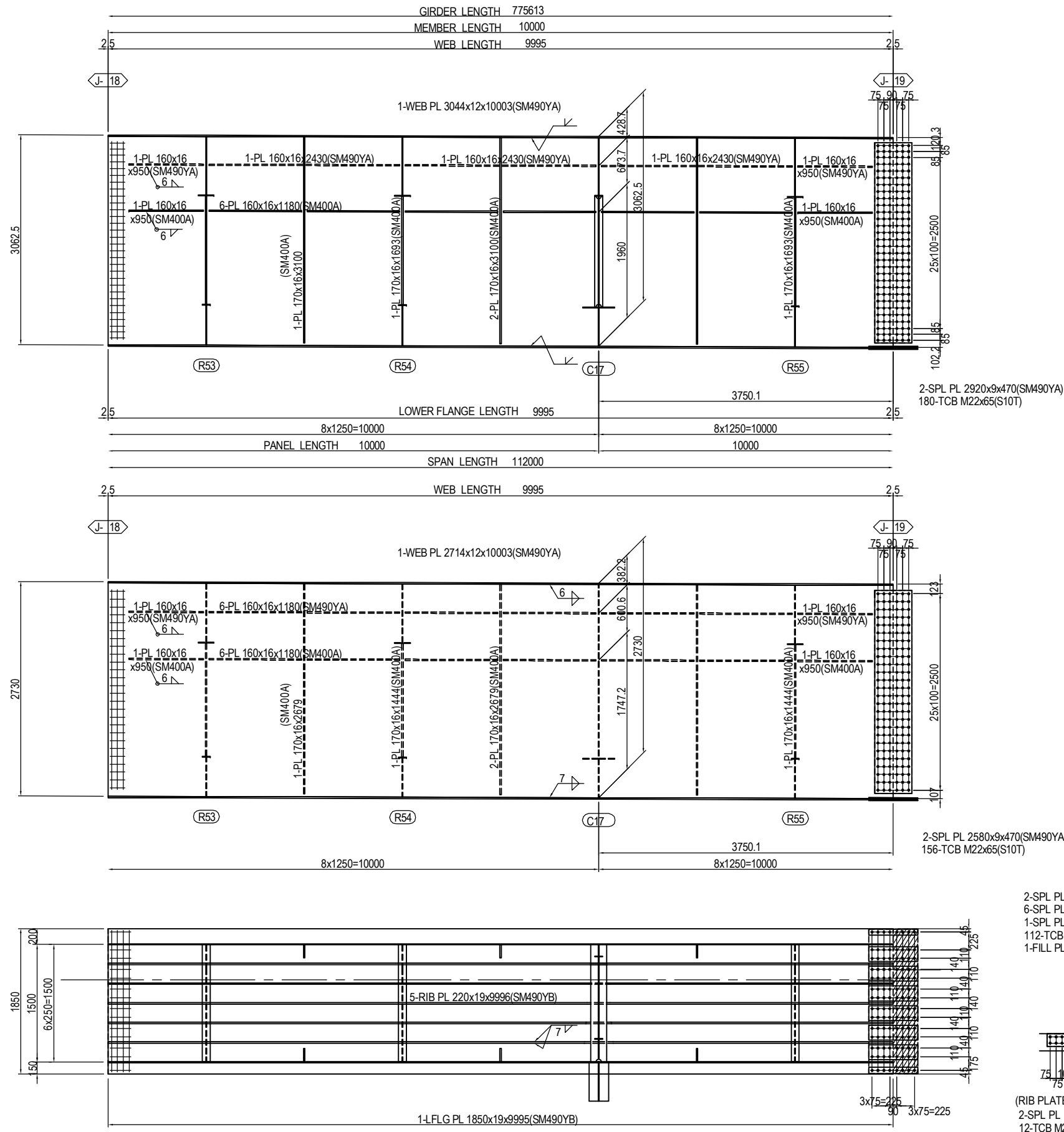
- 2-SPL PL 80x14x620(SM490YA)
- 6-SPL PL 190x14x620(SM490YA)
- 1-SPL PL 1840x9x620(SM490YA)
- 112-TCB M22x85(S10T)
- 1-FILL PL 1840x3.2x308(SS400)
- 3x75 =225
- 3x75 =225
- (RIB PLATE per set)
- 2-SPL PL 160x14x630(SM490YA)
- 16-TCB M22x85(S10T)

MARKING DIAGRAM

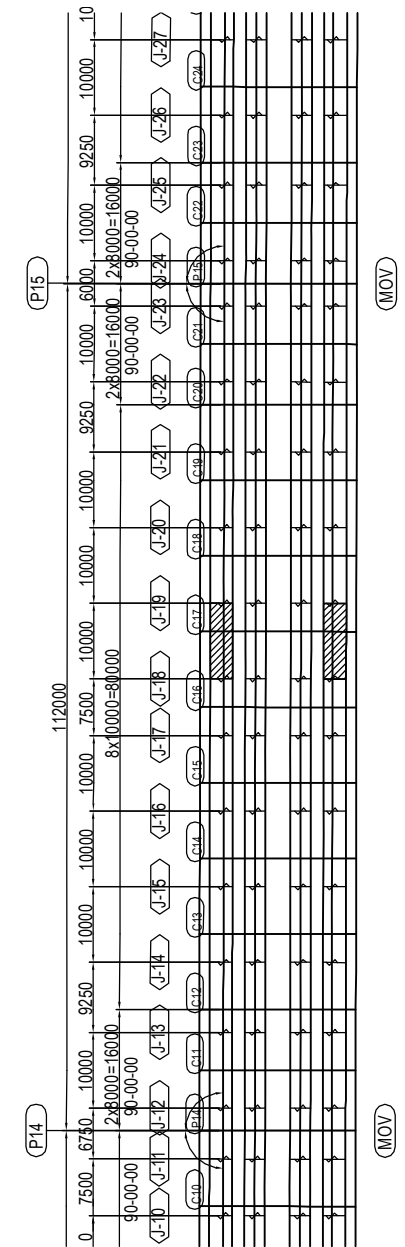


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (18)	PACKAGE 2 DWG No. P2-SB-118
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (19) S=1:60

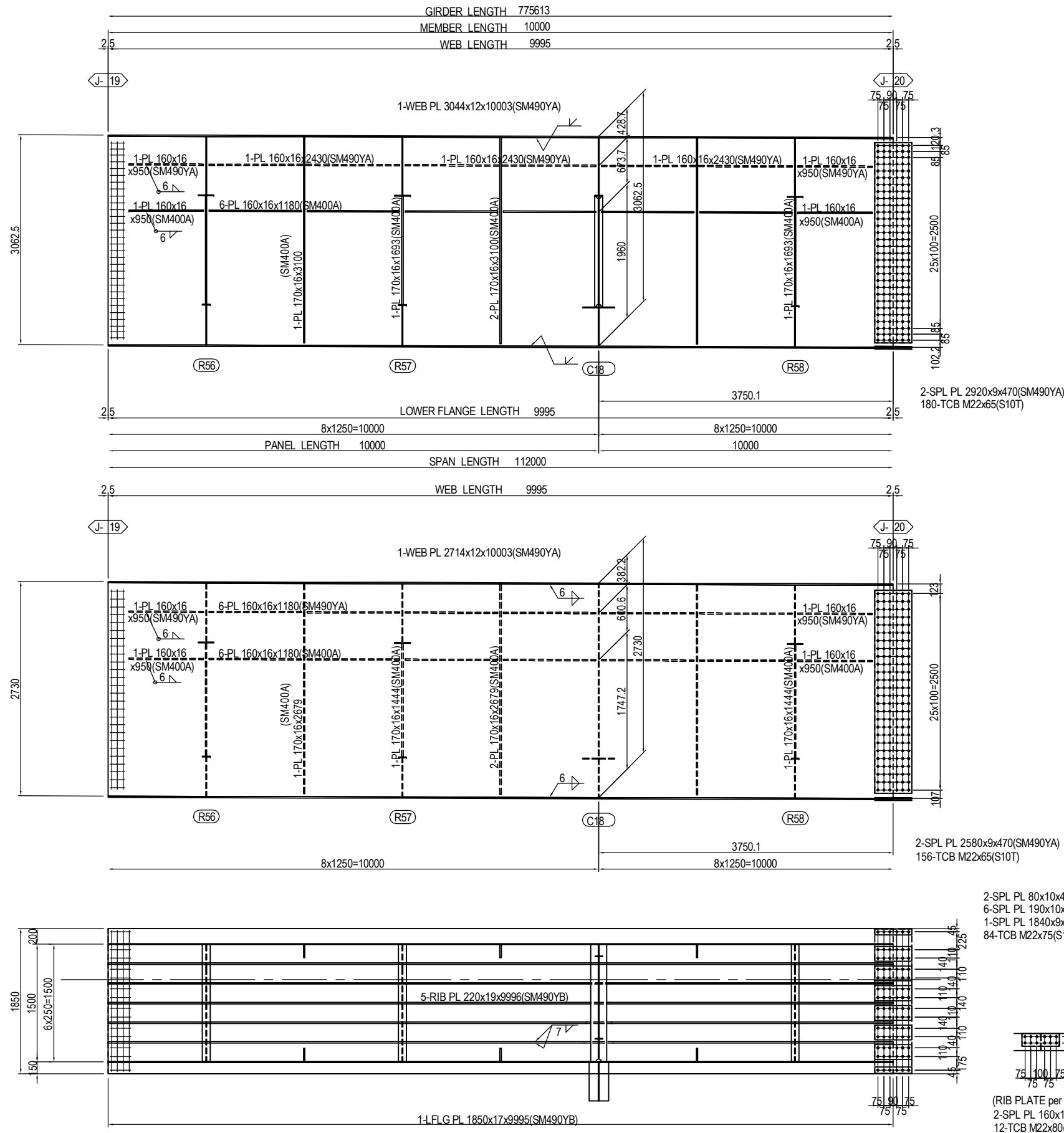


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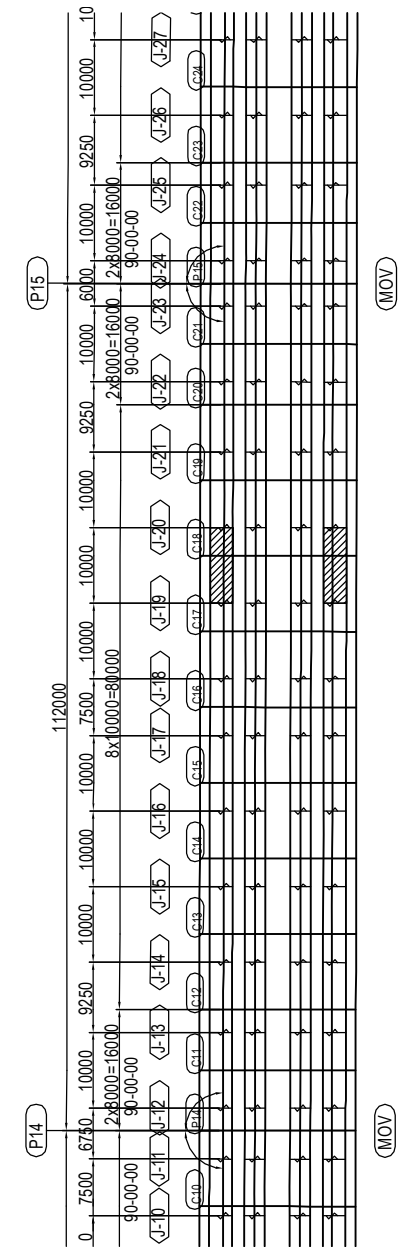


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (19)	PACKAGE 2 DWG No. P2-SB-1119
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (20) S=1:60

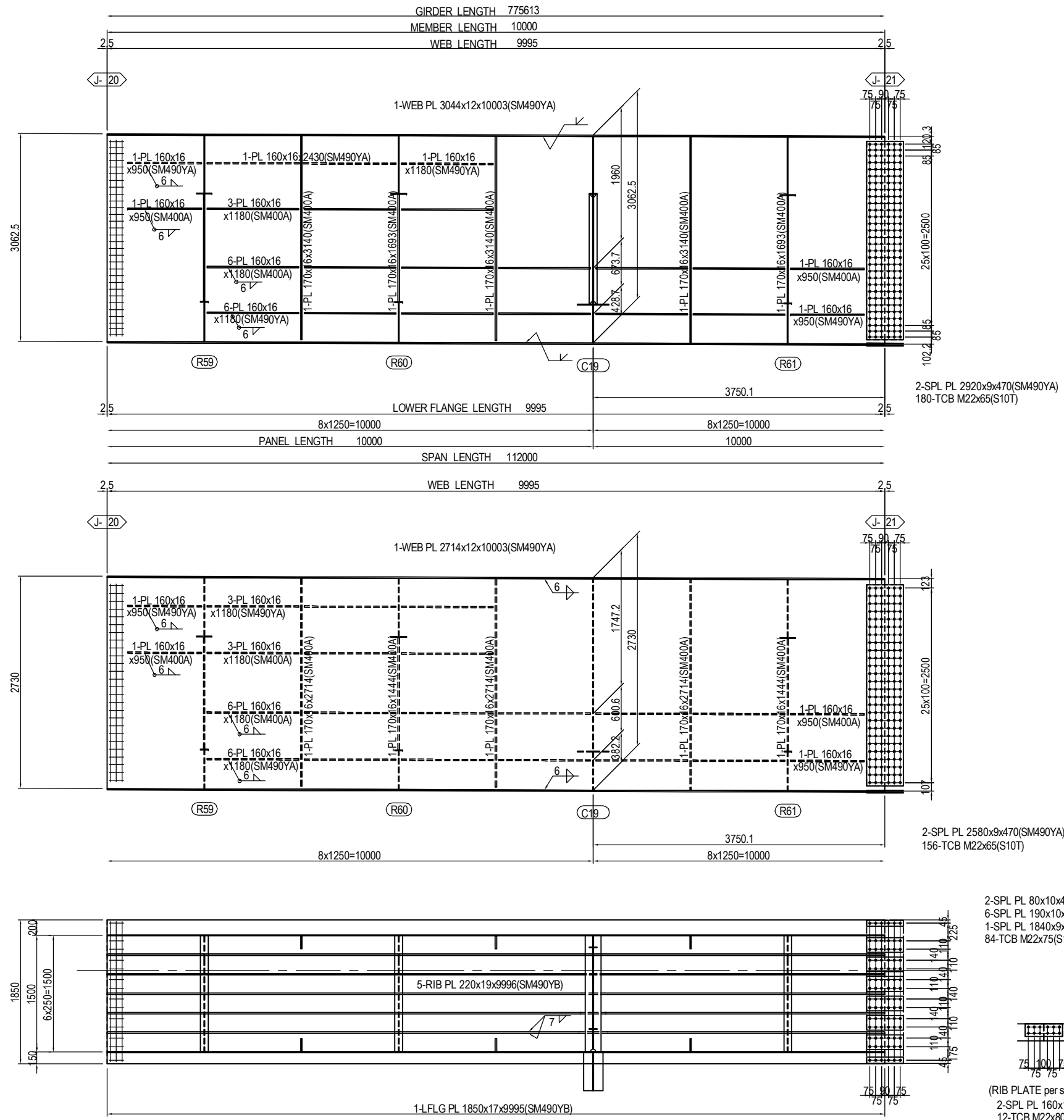


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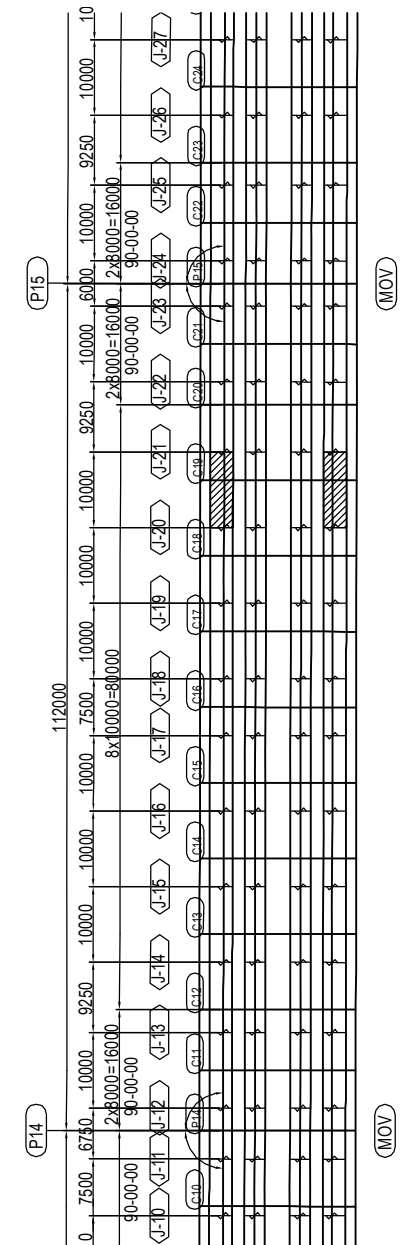


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (20)	PACKAGE 2 DWG No. P2-SB-1120
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (21) S=1:60

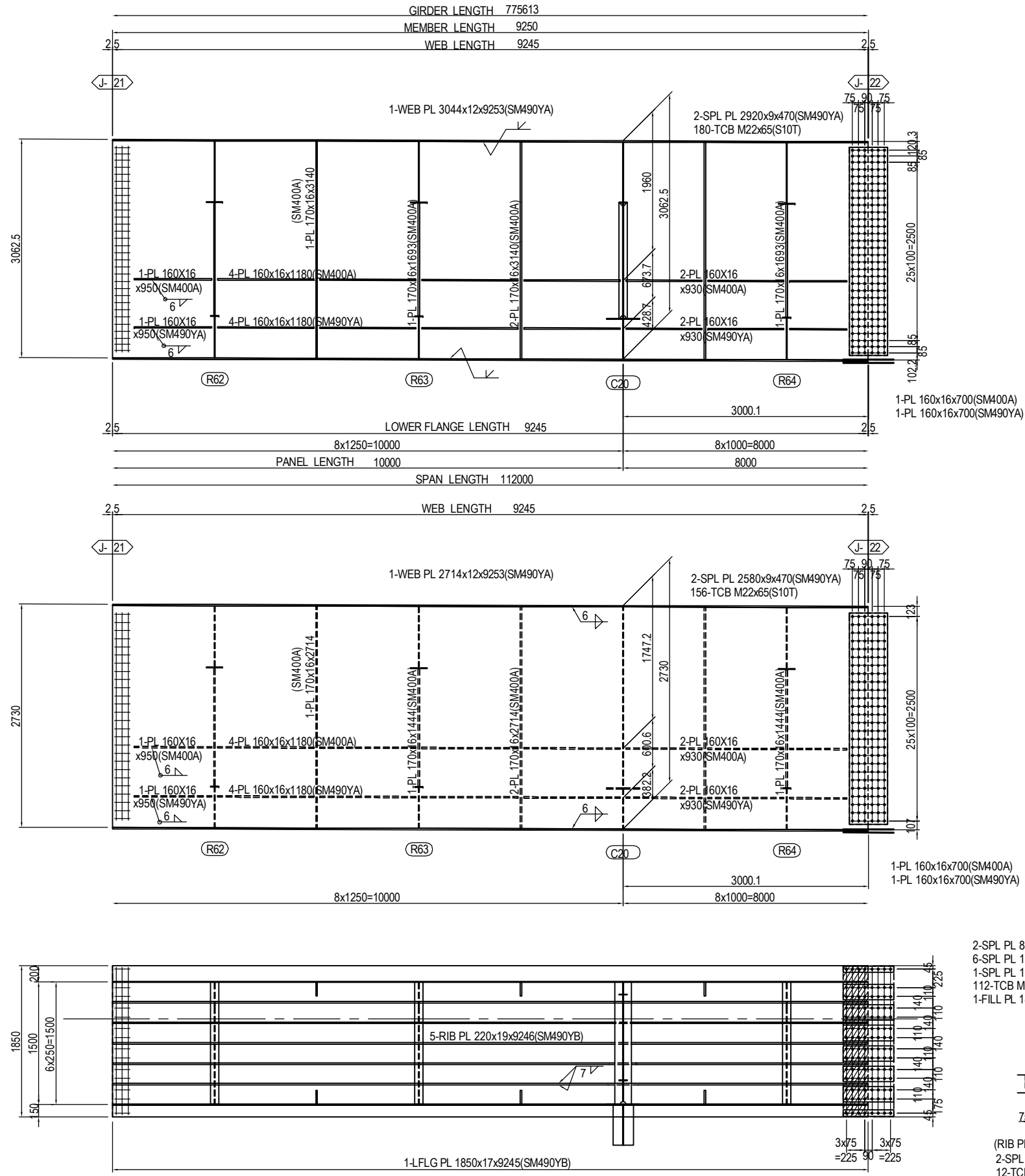


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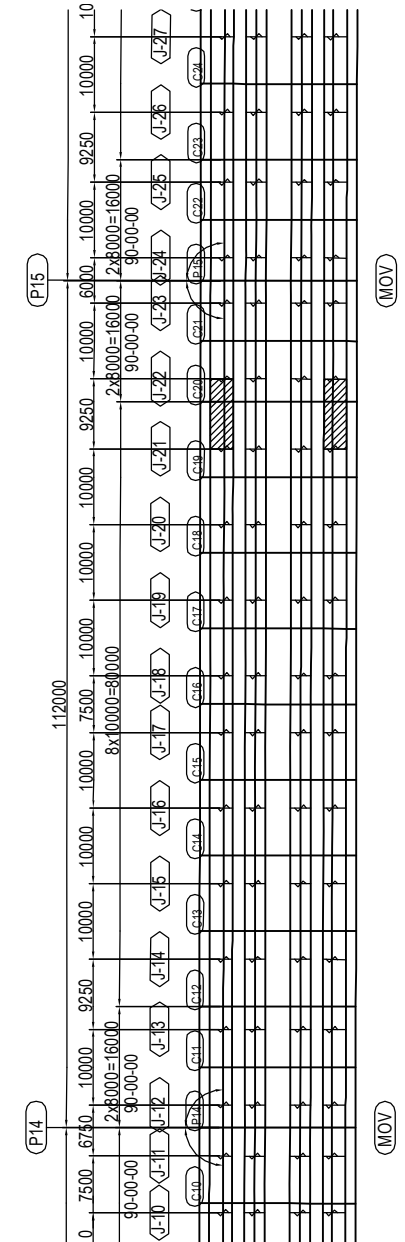


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (21)	PACKAGE 2 DWG No. P2-SB-1121
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (22) S=1:60



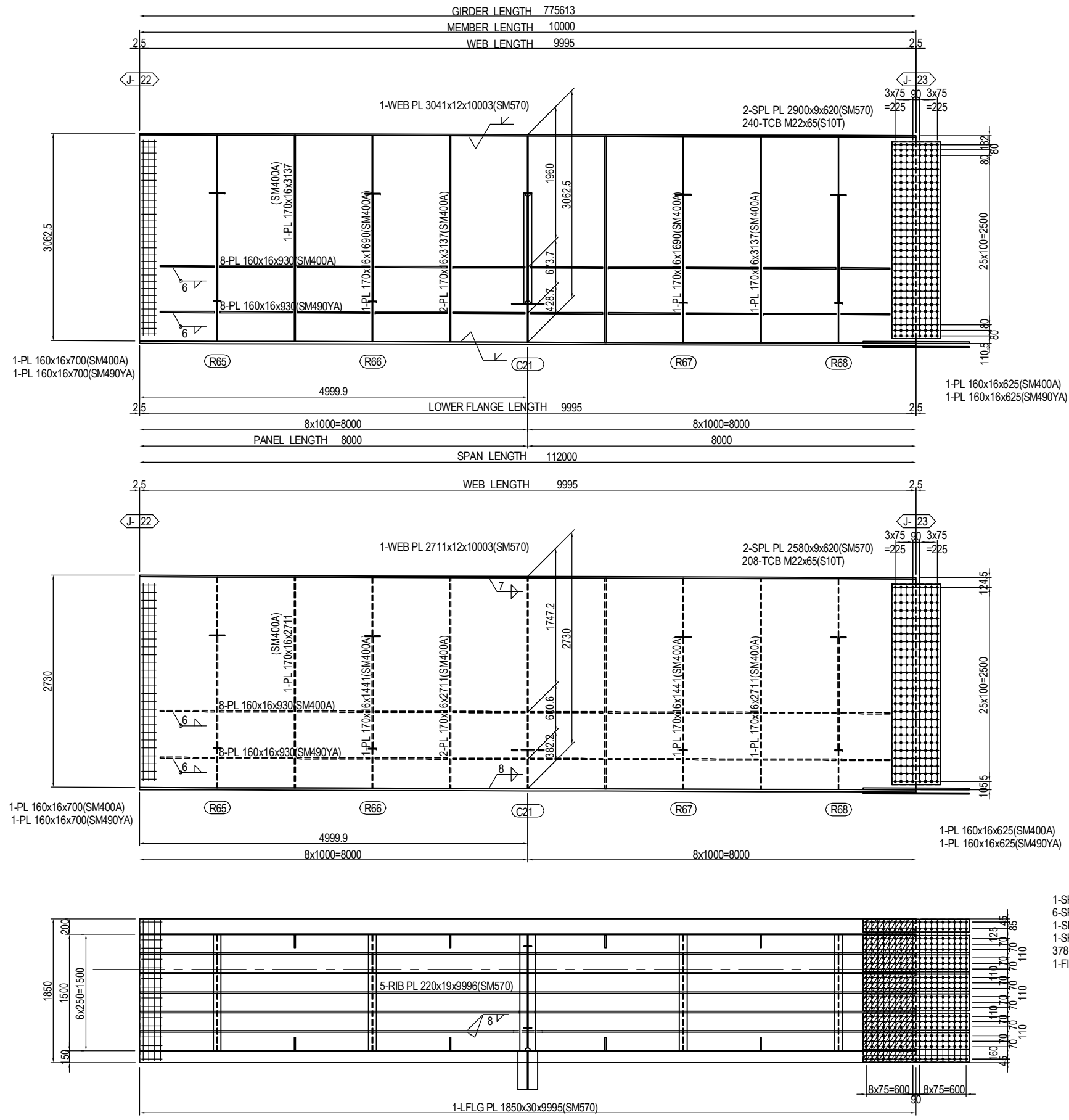
MARKING DIAGRAM



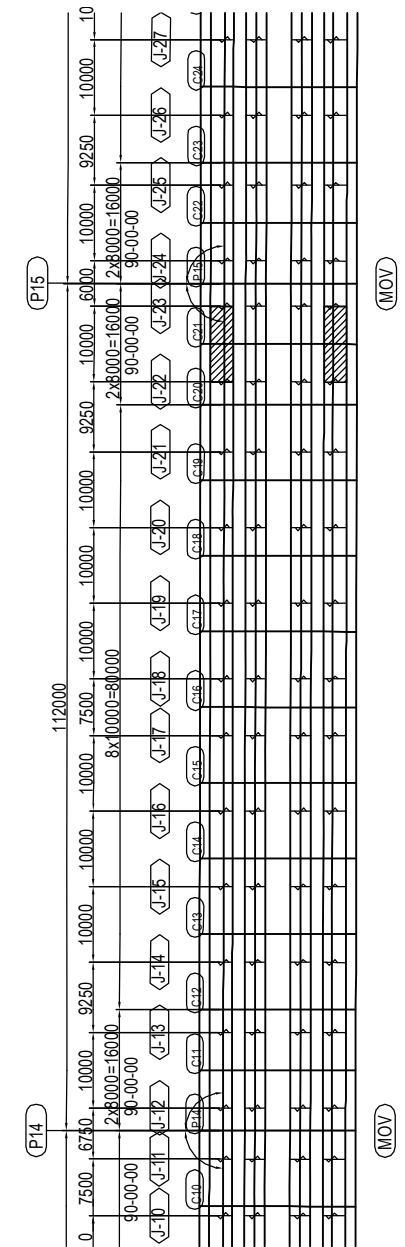
- 2-SPL PL 80x9x620 (SM490YA)
 - 6-SPL PL 190x9x620 (SM490YA)
 - 1-SPL PL 1840x9x620 (SM490YA)
 - 112-TCB M22x85 (S10T)
 - 1-FILL PL 1840x13x308 (SS400)
- (RIB PLATE per set)
- 2-SPL PL 160x10x480 (SM490YA)
 - 12-TCB M22x75 (S10T)

PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA		15 Jun.2017	DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (22)	2
				T. HAYAKAWA		20 Jun.2017		DWG No.
				Y. SANO		21 Jun.2017		P2-SB-1122

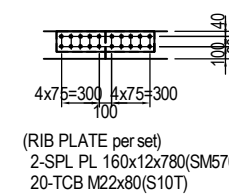
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (23) S=1:60



MARKING DIAGRAM

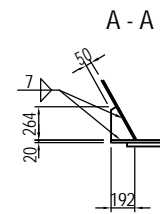
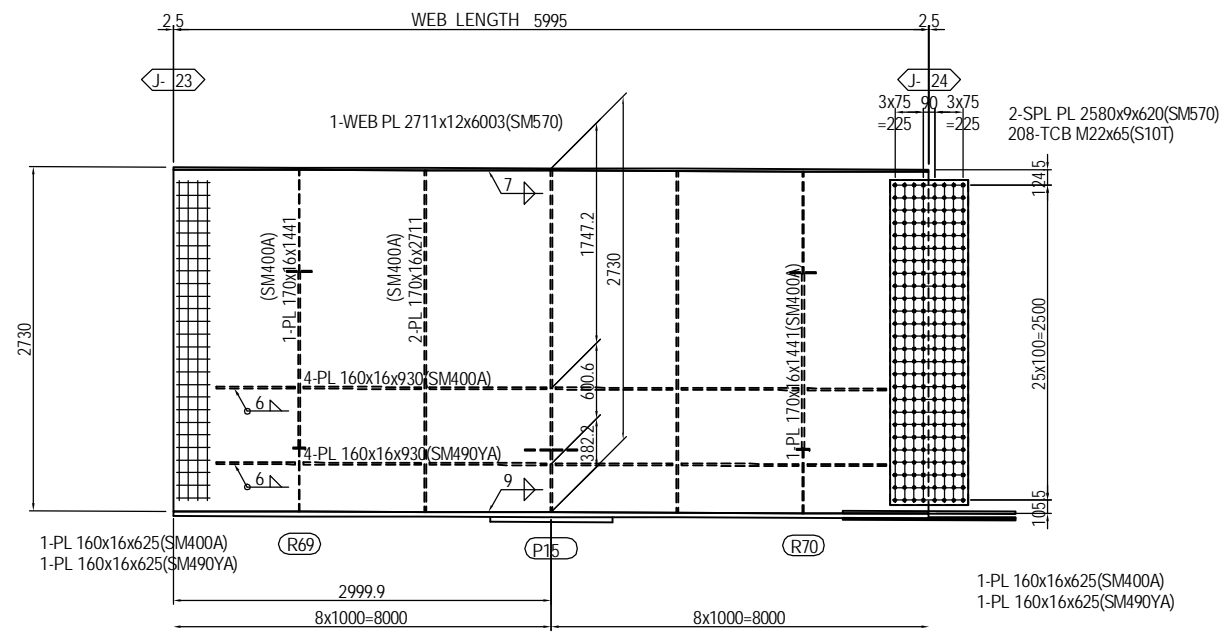
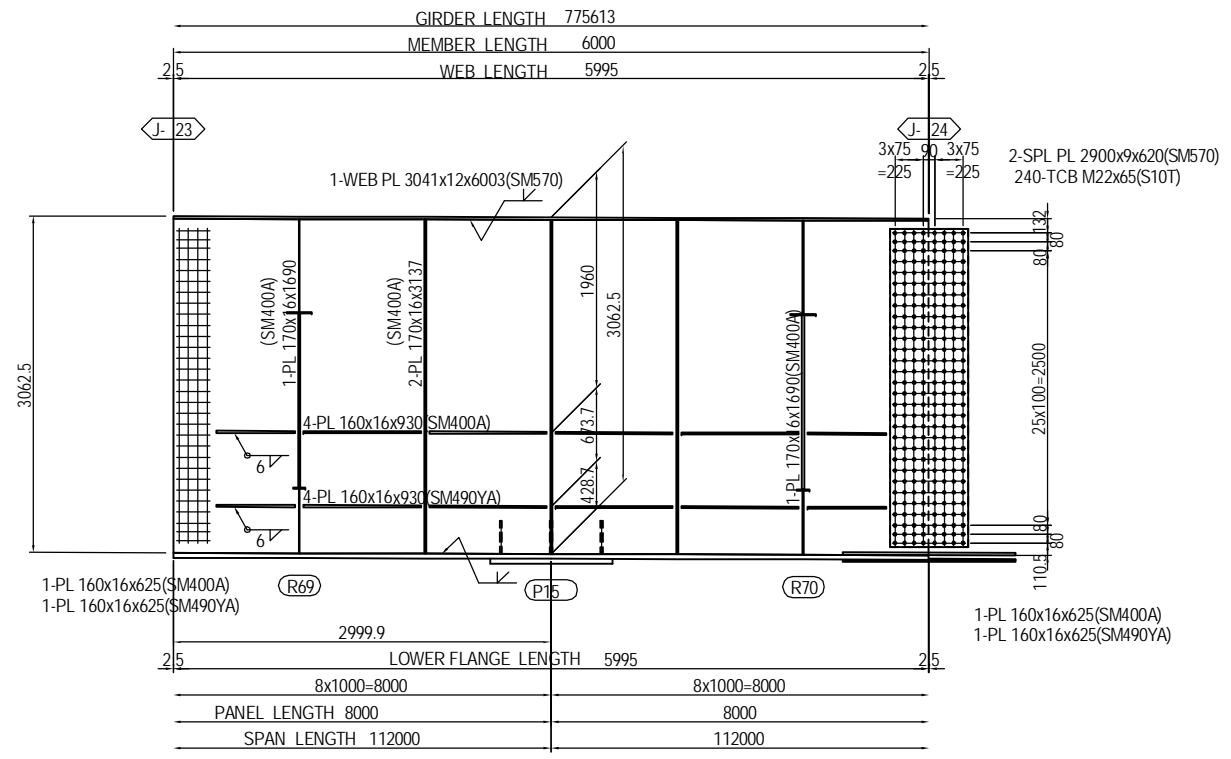


- 1-SPL PL 165x21x1370(SM570)
- 6-SPL PL 220x21x1370(SM570)
- 1-SPL PL 80x21x1370(SM570)
- 1-SPL PL 1840x15x1370(SM570)
- 378-TCB M22x110(S10T)
- 1-FILL PL 1840x8x683(SS400)

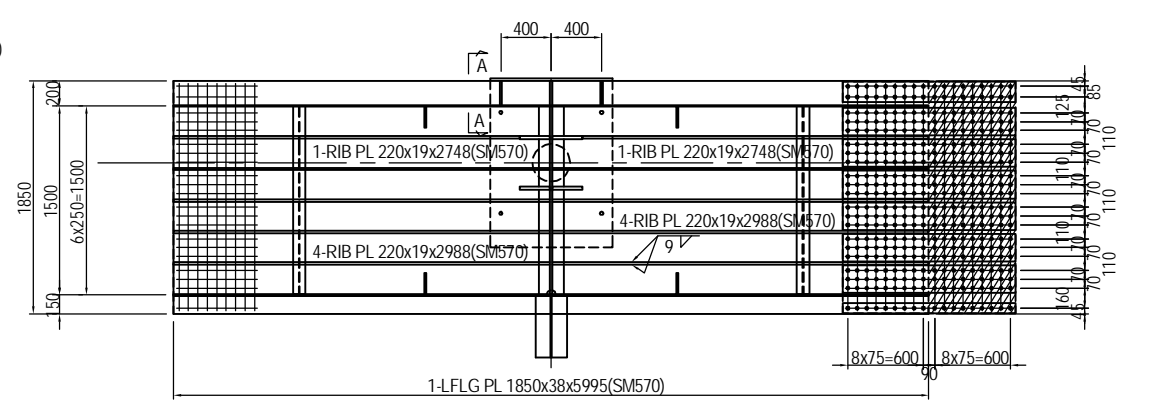


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (23)	PACKAGE 2 DWG No. P2-SB-1123
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

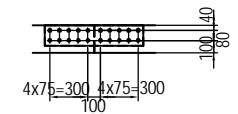
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (24) S=1:60



3-RIB PL 192x19x264(SM490YB)

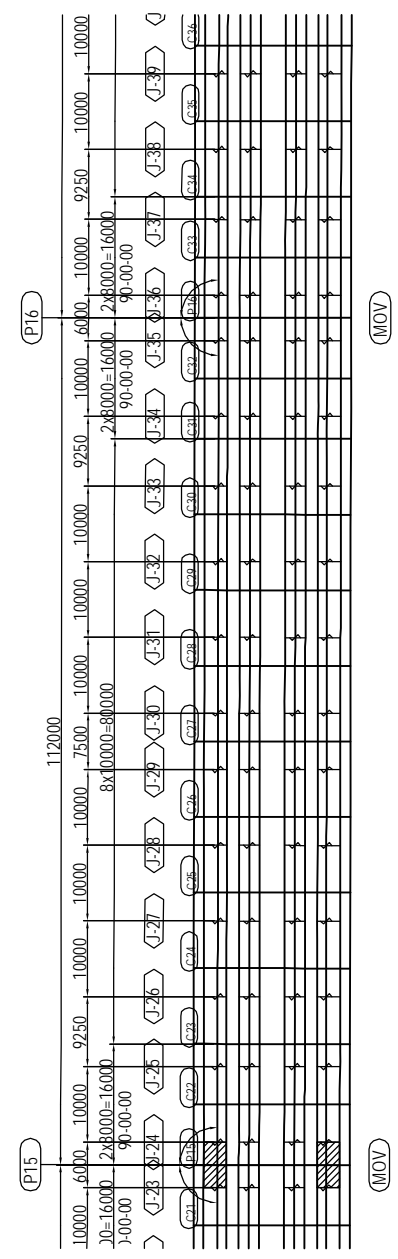


- 1-SPL PL 165x20x1370(SM570)
- 6-SPL PL 220x20x1370(SM570)
- 1-SPL PL 80x20x1370(SM570)
- 1-SPL PL 1840x15x1370(SM570)
- 378-TCB M22x110(S10T)
- 1-FILL PL 1840x8x683(SS400)



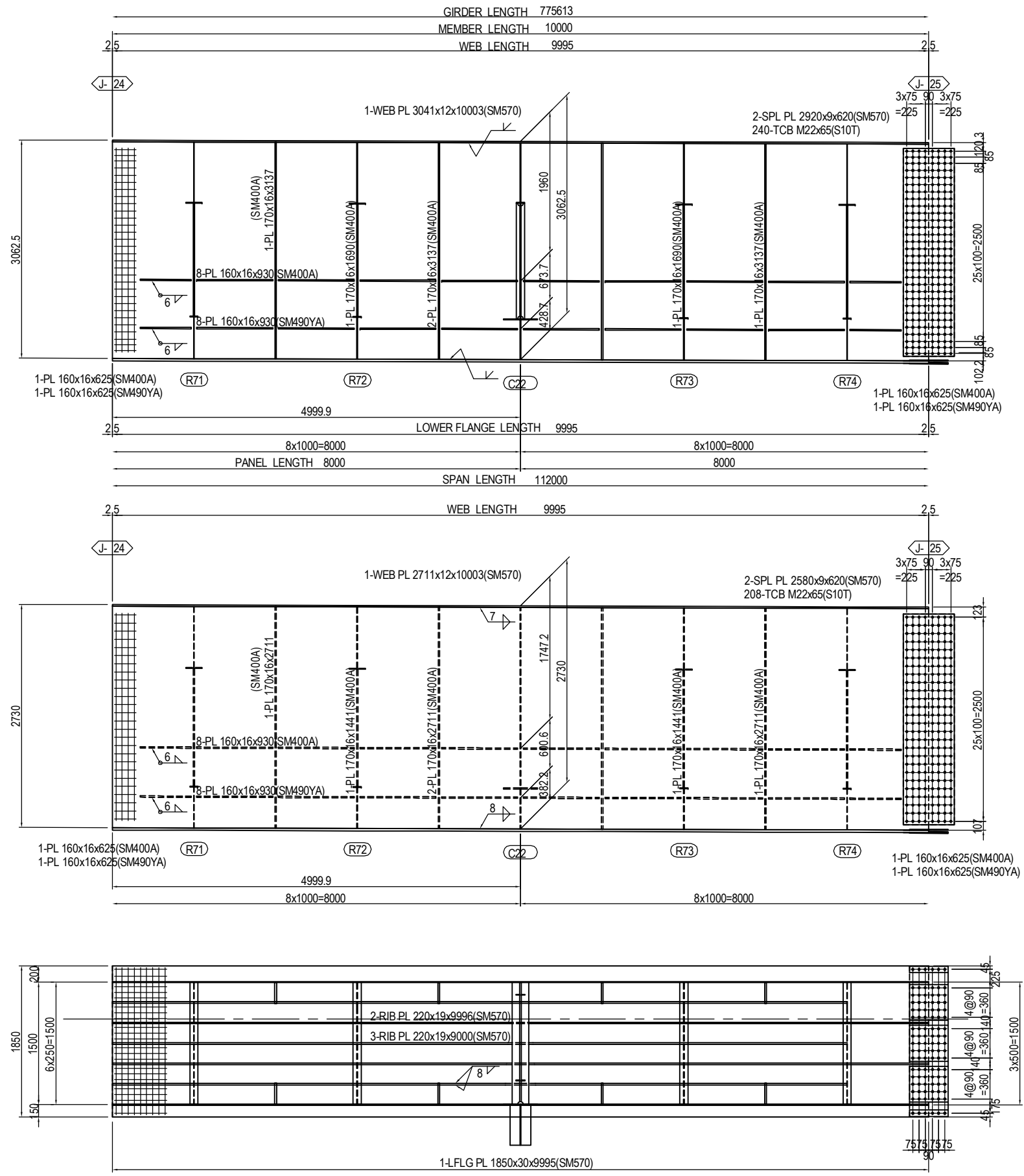
- (RIB PLATE per set)
- 2-SPL PL 160x12x780(SM570)
- 20-TCB M22x80(S10T)

MARKING DIAGRAM

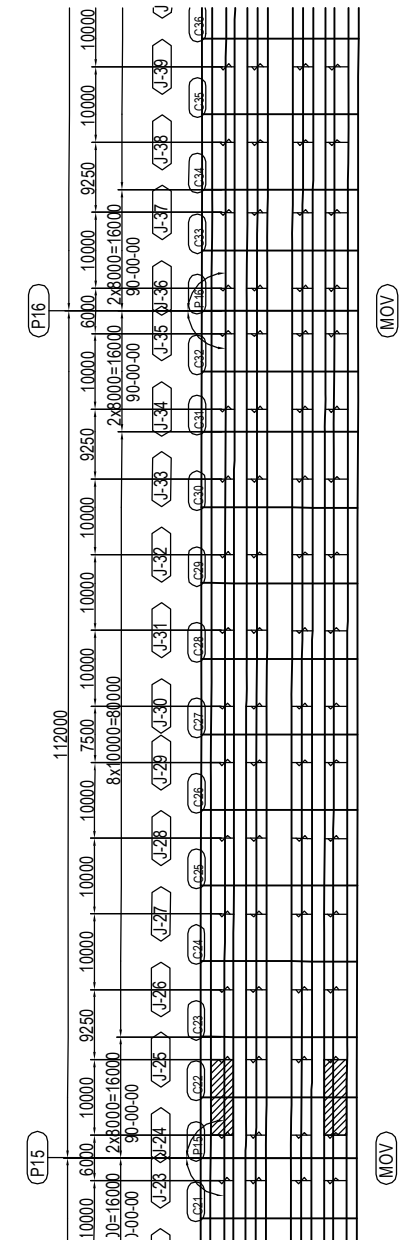


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (24)	PACKAGE 2 DWG No. P2-SB-1124
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (25) S=1:60

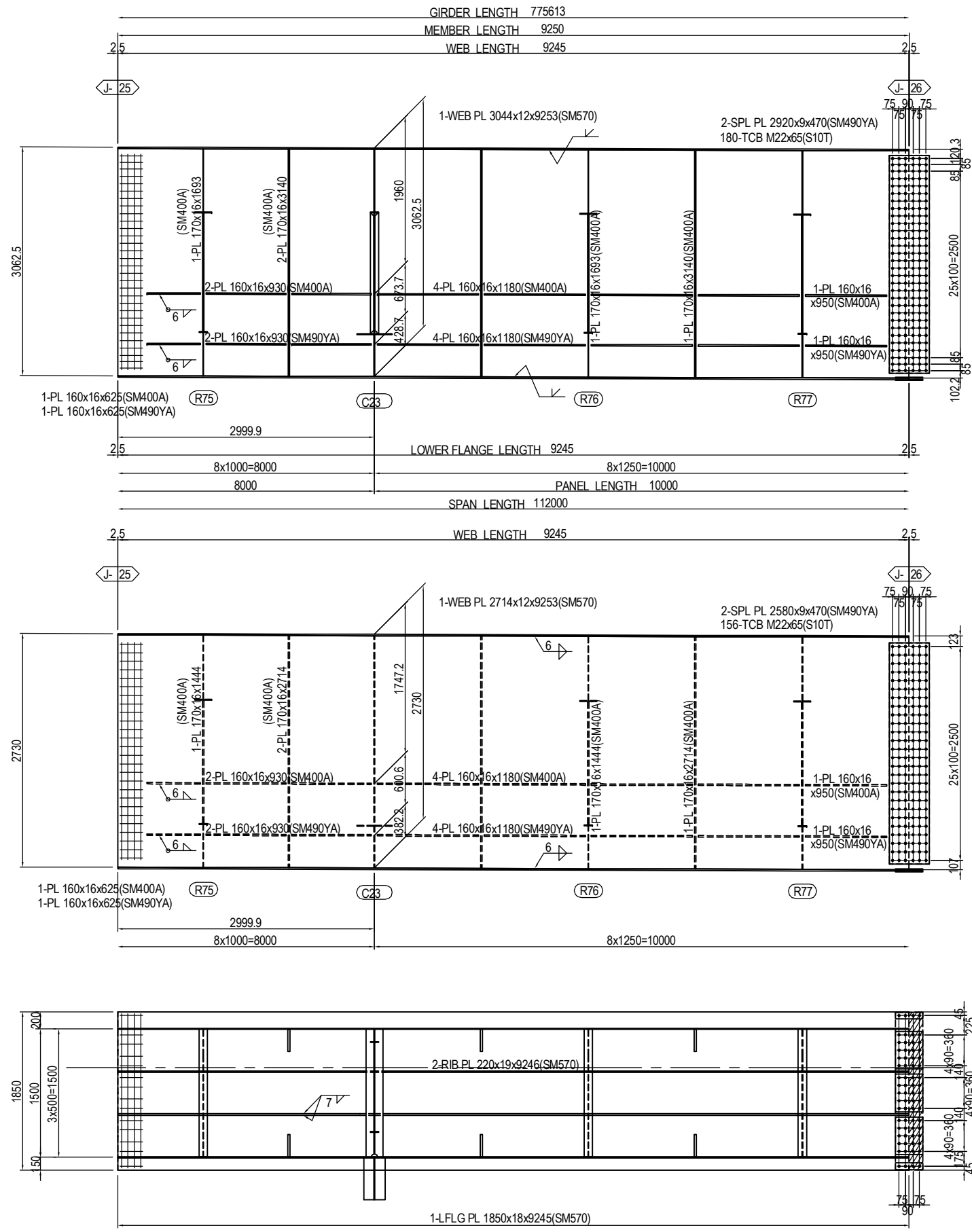


MARKING DIAGRAM

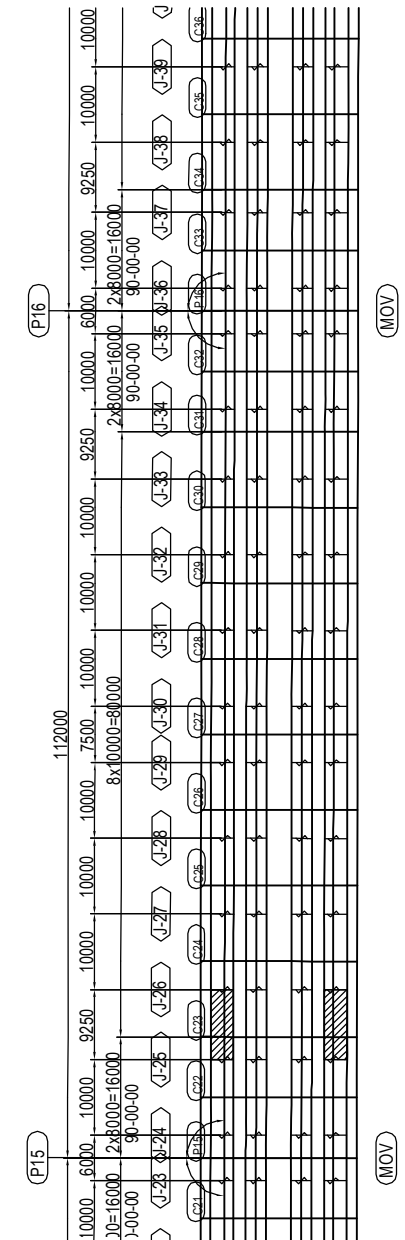


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (25)	PACKAGE 2
				PREPARED BY S. IMADA		20 Jun.2017		DWG No.
				CHECKED BY T. HAYAKAWA		21 Jun.2017		P2-SB-1125
				APPROVED BY Y. SANO				

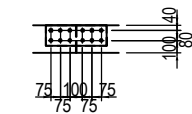
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (26) S=1:60



MARKING DIAGRAM



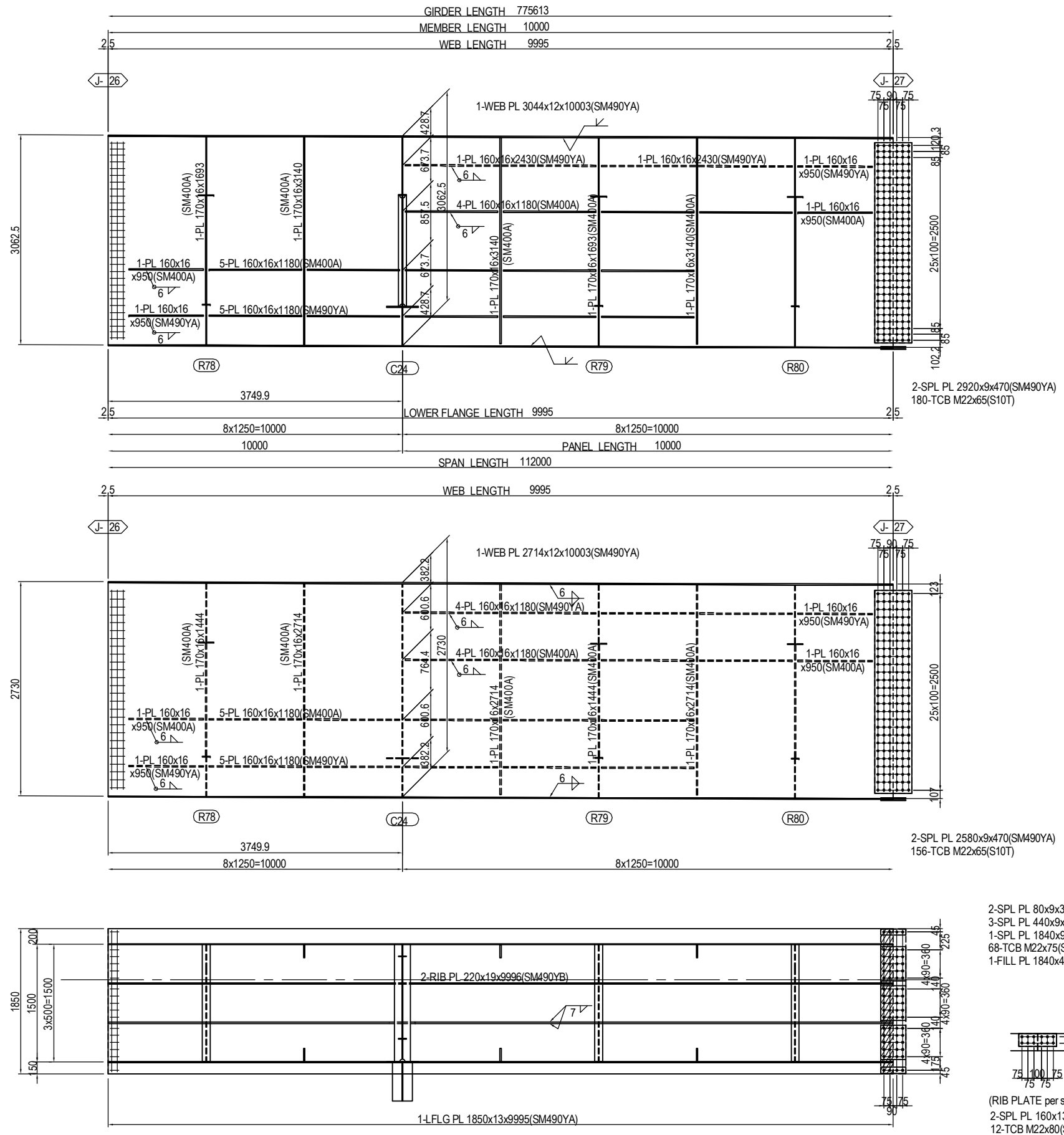
- 2-SPL PL 80x9x320(SM490YA)
- 3-SPL PL 440x9x320(SM490YA)
- 1-SPL PL 1840x9x320(SM490YA)
- 68-TCB M22x75(S10T)
- 1-FILL PL 1840x4.5x158(SS400)



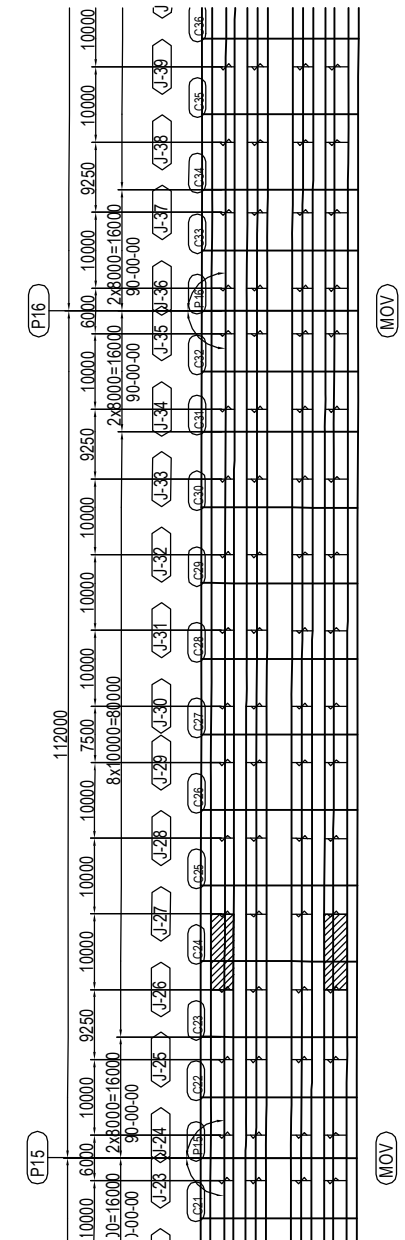
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (26)	PACKAGE 2	
							CHECKED BY T. HAYAKAWA	DATE 20 Jun.2017	DWG No. P2-SB-1126
							APPROVED BY Y. SANO	DATE 21 Jun.2017	

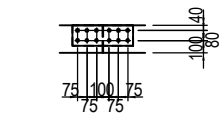
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (27) S=1:60



MARKING DIAGRAM



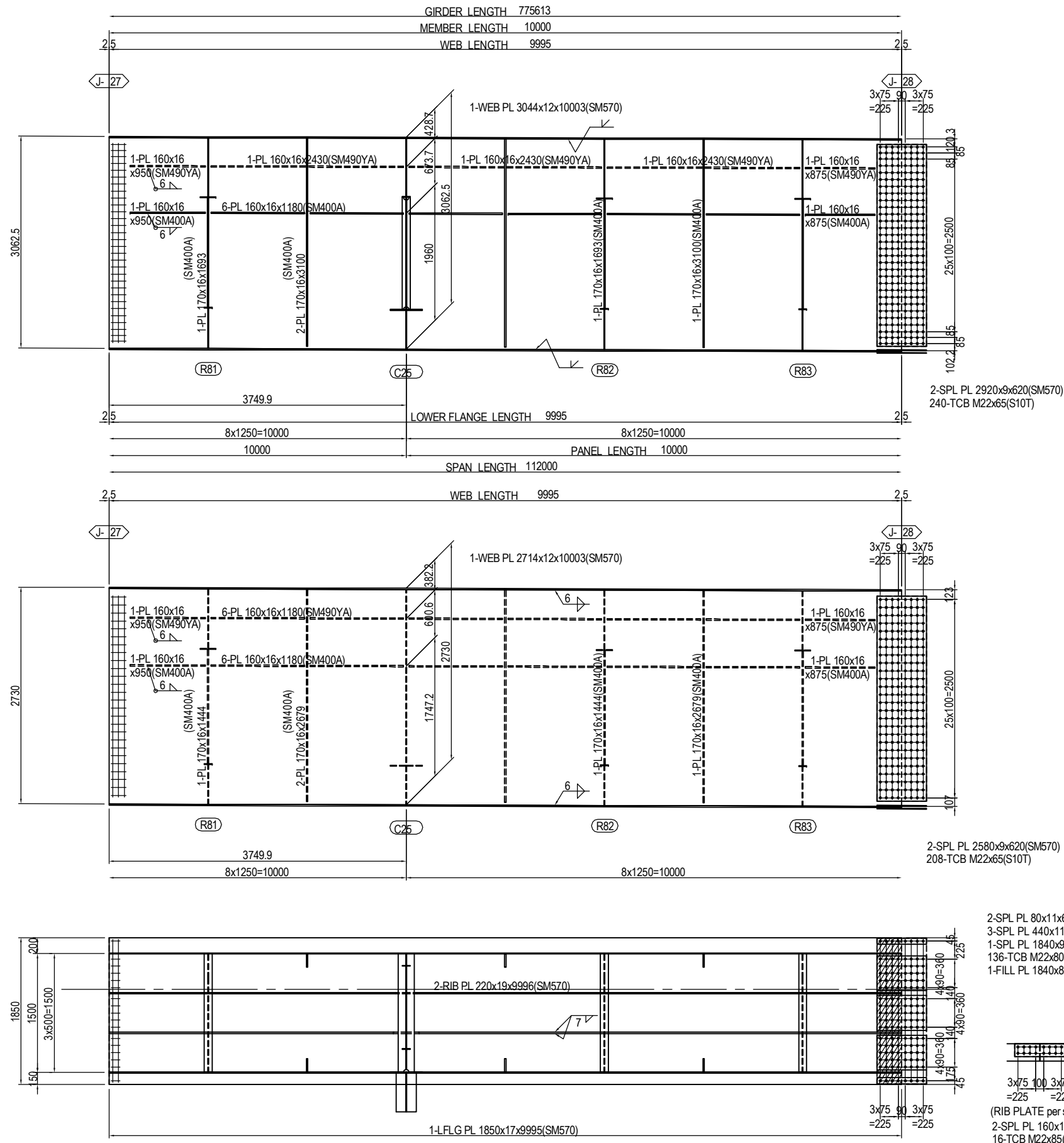
- 2-SPL PL 80x9x320(SM490YA)
- 3-SPL PL 440x9x320(SM490YA)
- 1-SPL PL 1840x9x320(SM490YA)
- 68-TCB M22x75(S10T)
- 1-FILL PL 1840x4.5x158(SS400)



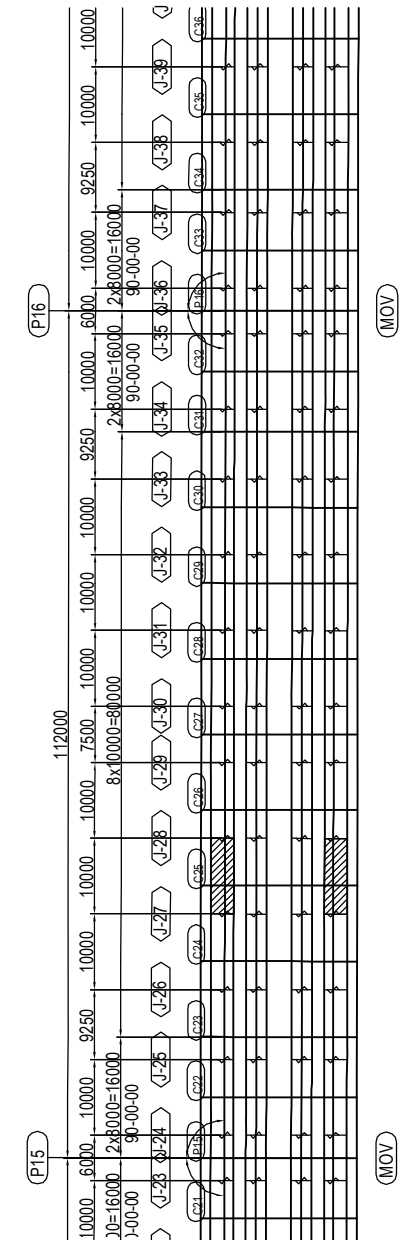
- (RIB PLATE per set)
- 2-SPL PL 160x13x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (27)	PACKAGE 2 DWG No. P2-SB-1127
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (28) S=1:60



MARKING DIAGRAM

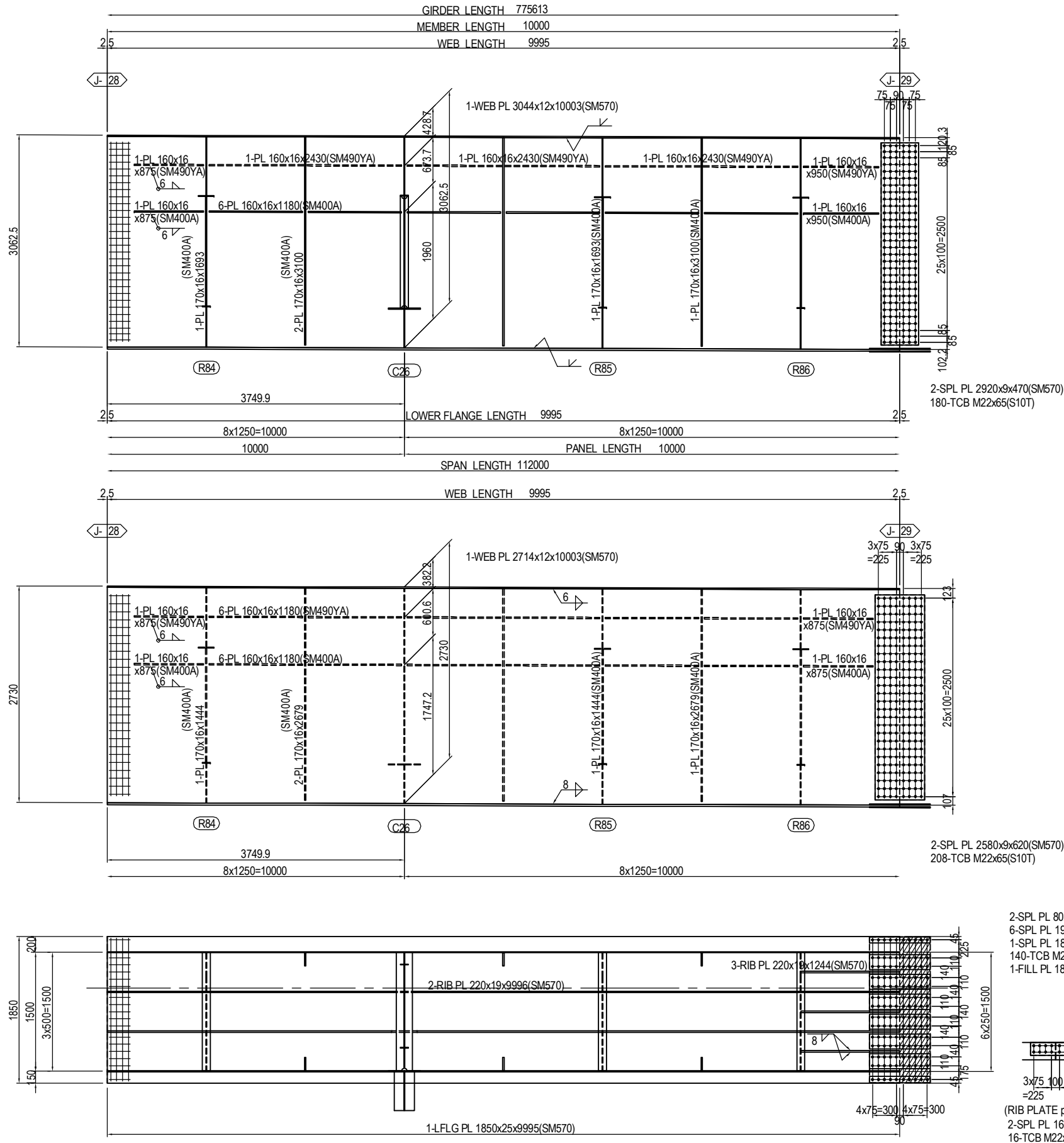


- 2-SPL PL 80x11x620(SM570)
- 3-SPL PL 440x11x620(SM570)
- 1-SPL PL 1840x9x620(SM570)
- 136-TCB M22x80(S10T)
- 1-FILL PL 1840x8x308(SS400)

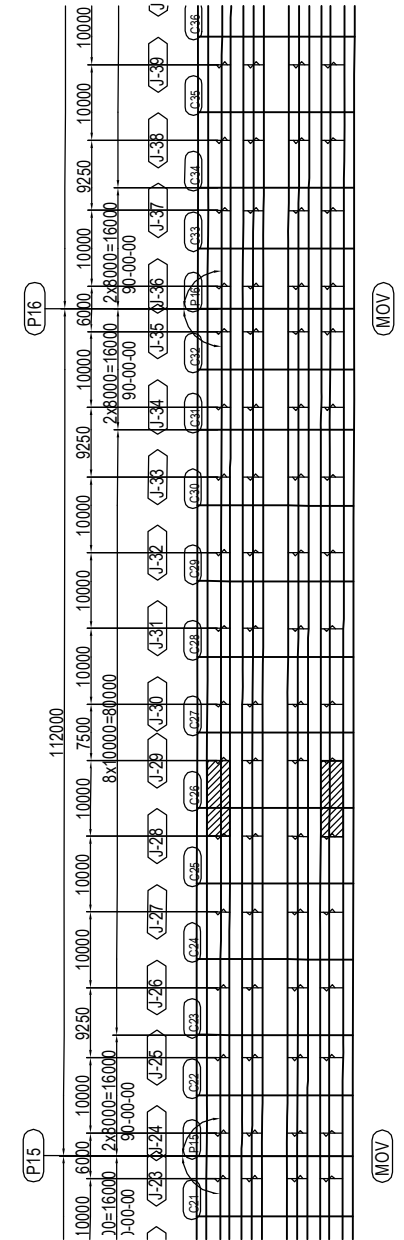
- 3x75 90 3x75 =225 =225
- (RIB PLATE per set)
- 2-SPL PL 160x14x630(SM570)
- 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (28)	PACKAGE 2 DWG No. P2-SB-1128
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (29) S=1:60



MARKING DIAGRAM

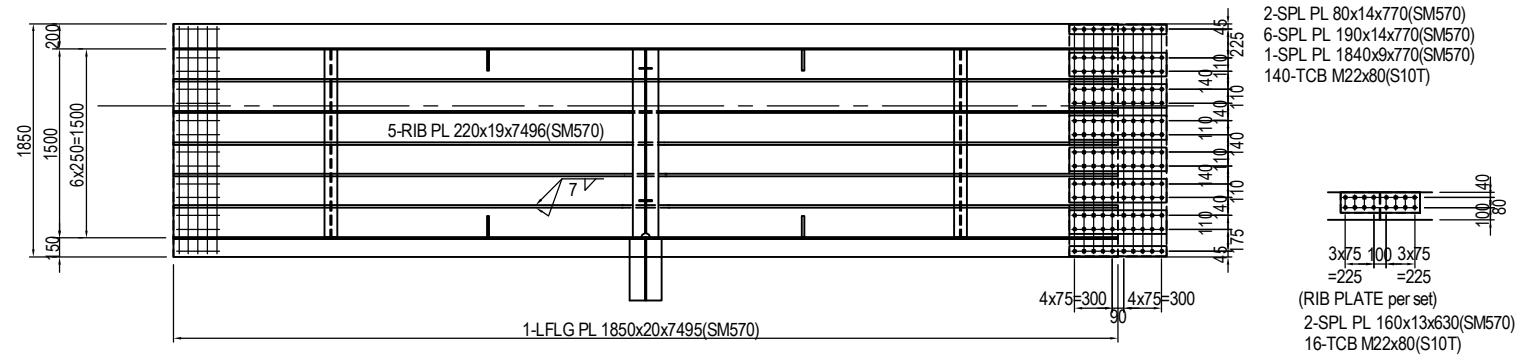
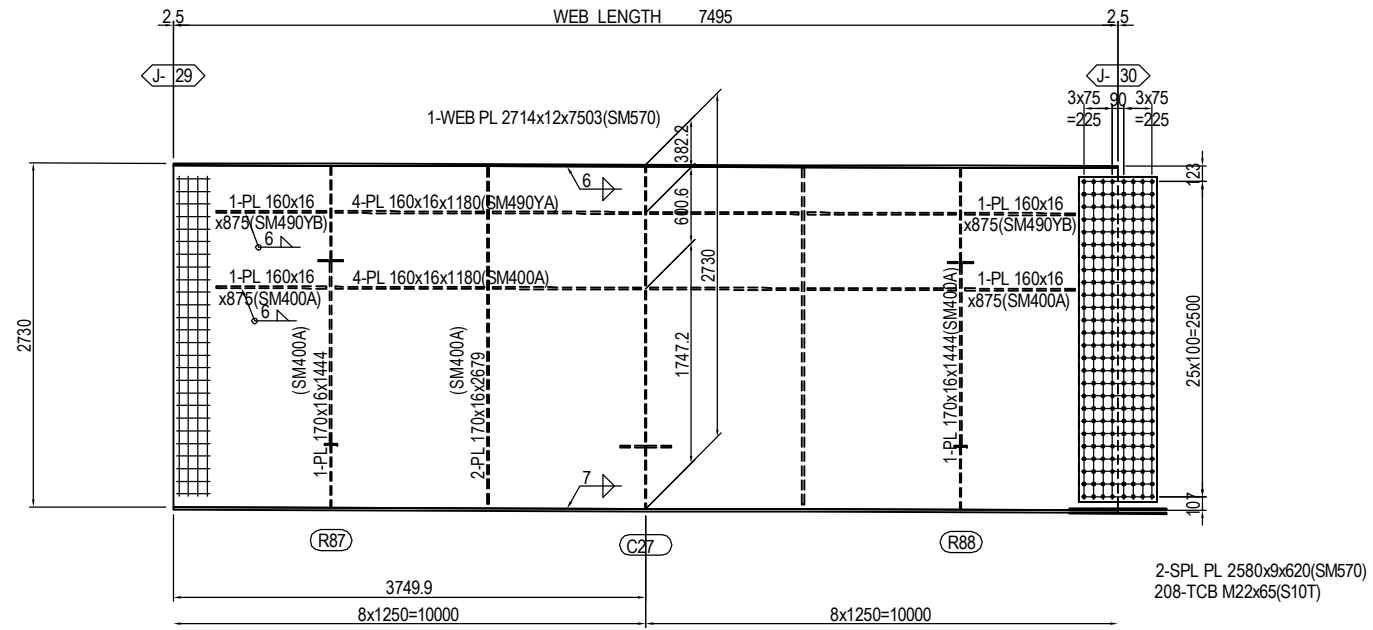
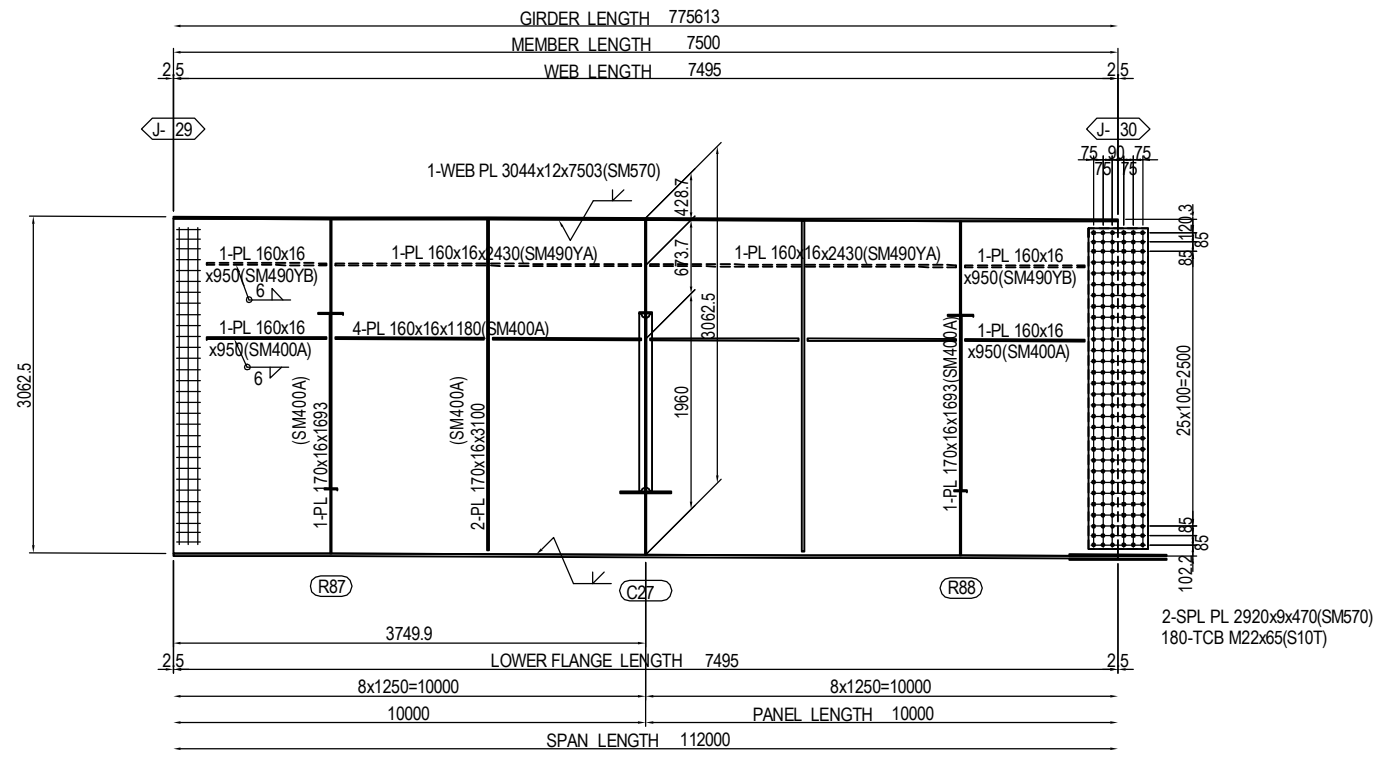


- 2-SPL PL 80x13x770(SM570)
- 6-SPL PL 190x13x770(SM570)
- 1-SPL PL 1840x9x770(SM570)
- 140-TCB M22x85(S10T)
- 1-FILL PL 1840x4.5x383(SS400)

- 3x75 100 3x75 =225
- (RIB PLATE per set)
- 2-SPL PL 160x13x630(SM570)
- 16-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (29)	PACKAGE 2
							DWG No. P2-SB-1129	APPROVED BY Y. SANO
							CHECKED BY T. HAYAKAWA	DATE 20 Jun.2017
							APPROVED BY 	DATE 21 Jun.2017

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (30) S=1:60

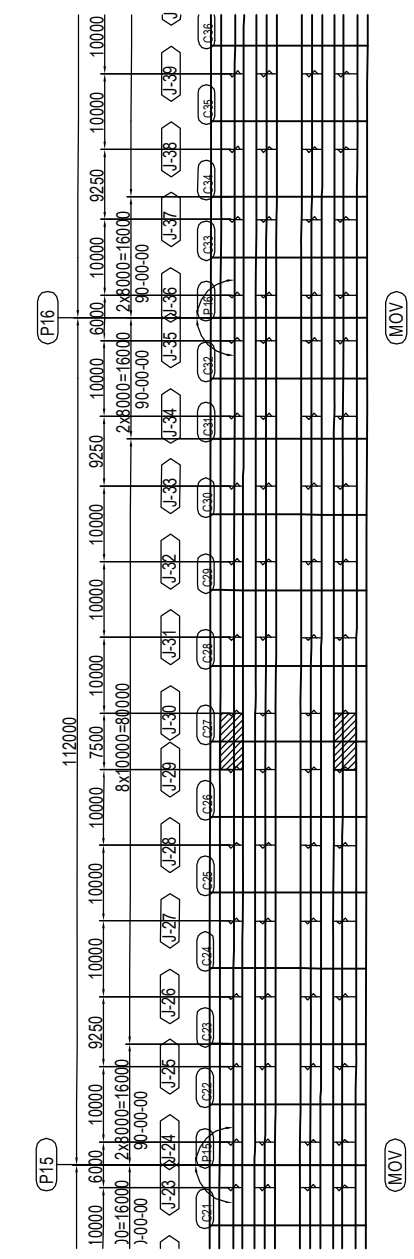


2-SPL PL 80x14x770(SM570)
6-SPL PL 190x14x770(SM570)
1-SPL PL 1840x9x770(SM570)
140-TCB M22x80(S10T)

3x75
=225

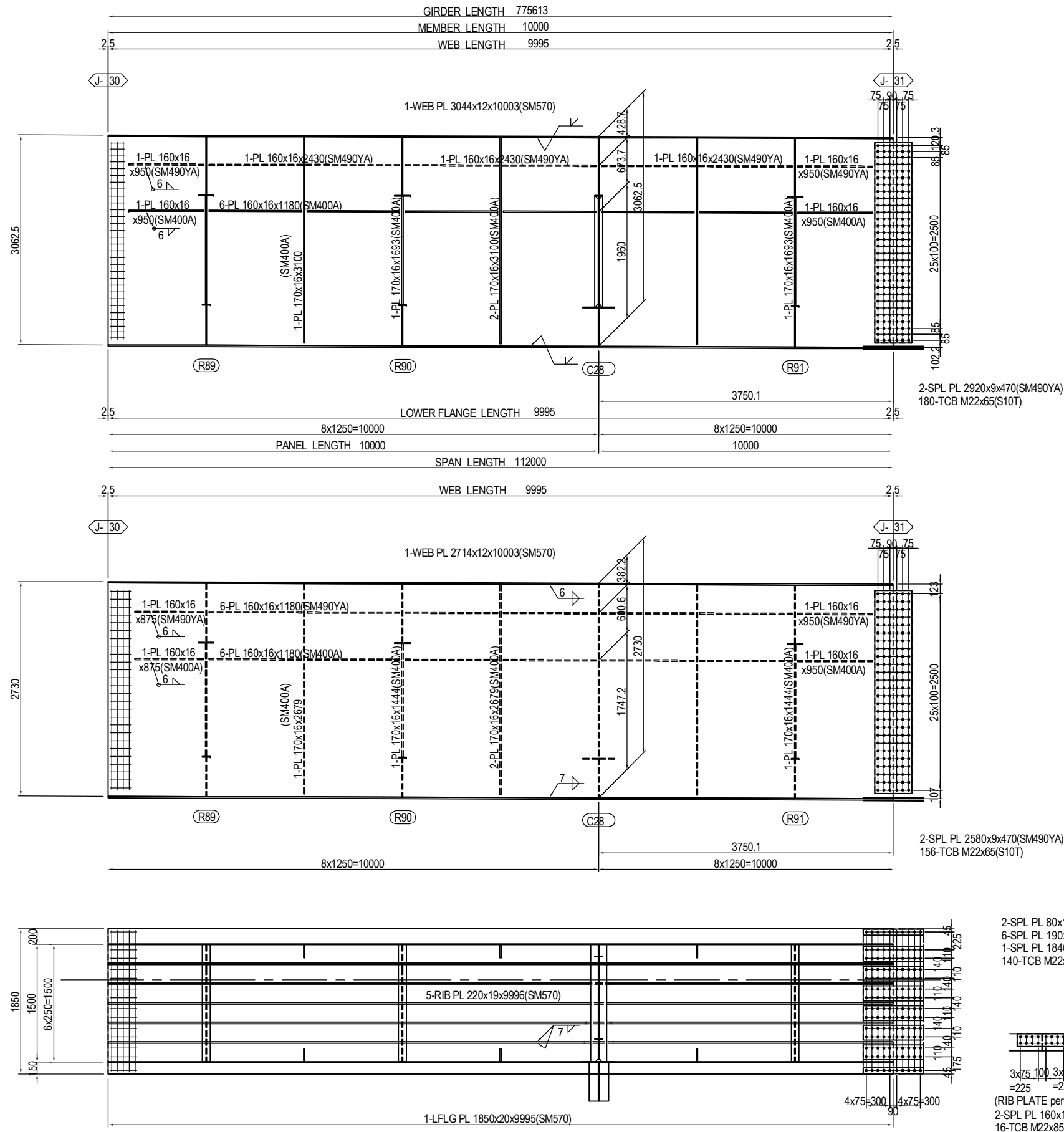
(RIB PLATE per set)
2-SPL PL 160x13x630(SM570)
16-TCB M22x80(S10T)

MARKING DIAGRAM

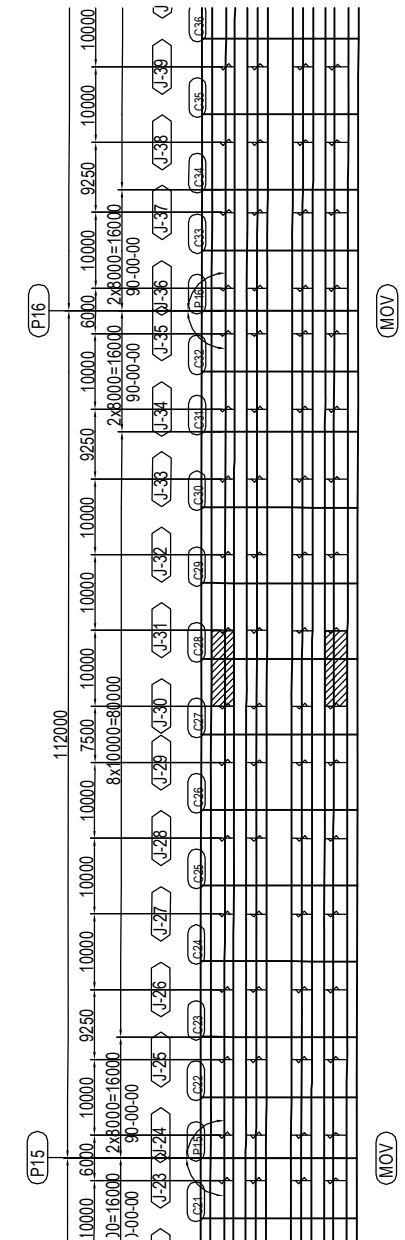


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (30)	PACKAGE 2 DWG No. P2-SB-1130
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (31) S=1:60

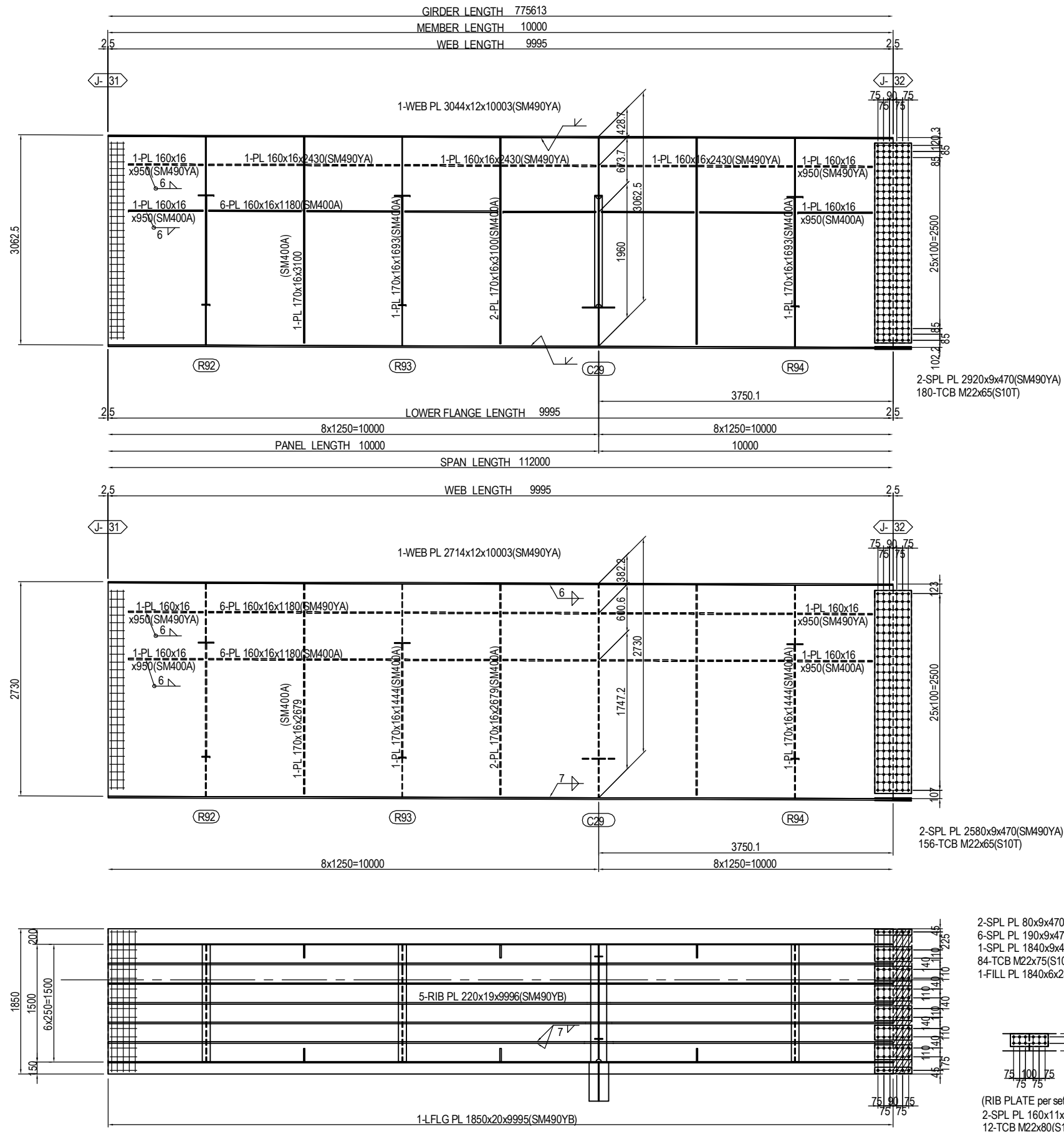


MARKING DIAGRAM

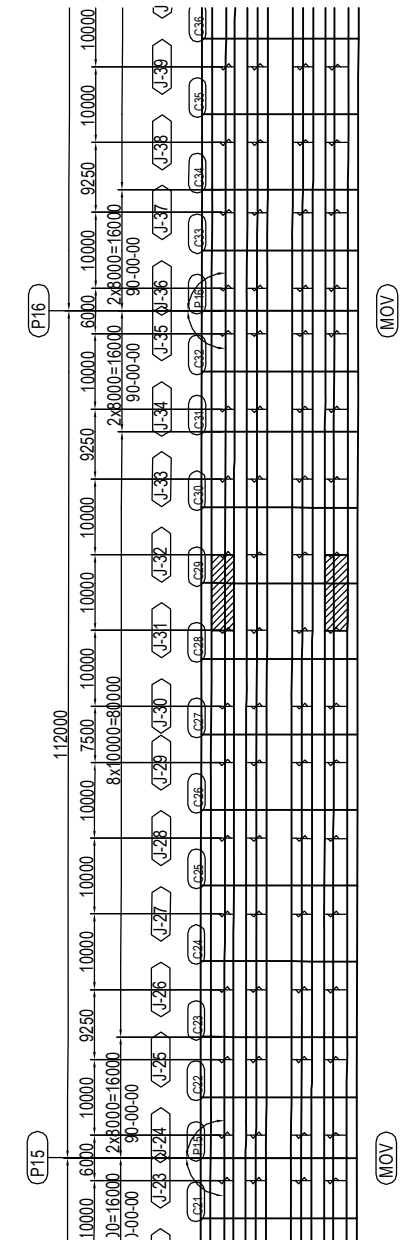


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (31)	PACKAGE 2 DWG No. P2-SB-1131
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (32) S=1:60

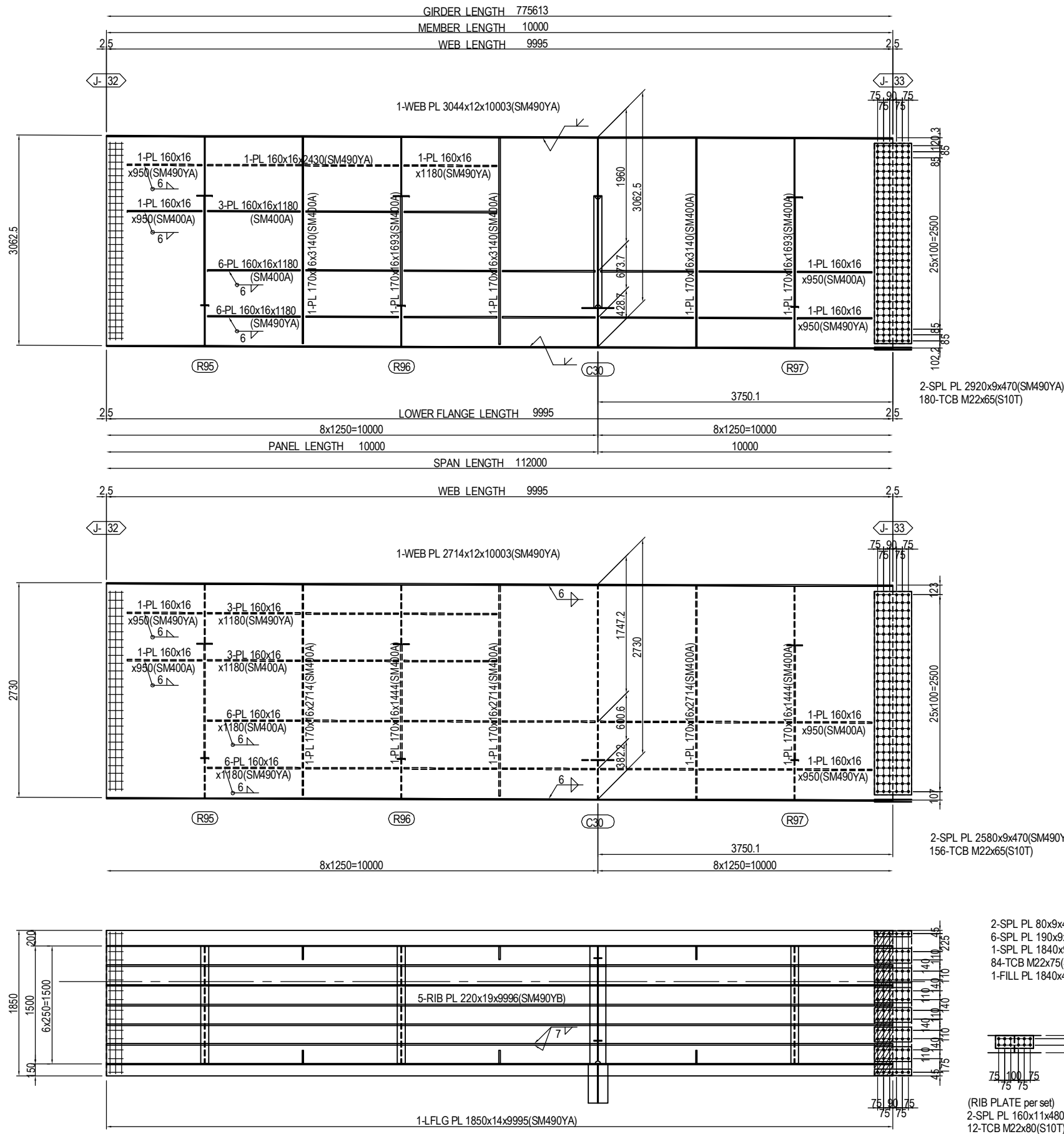


MARKING DIAGRAM

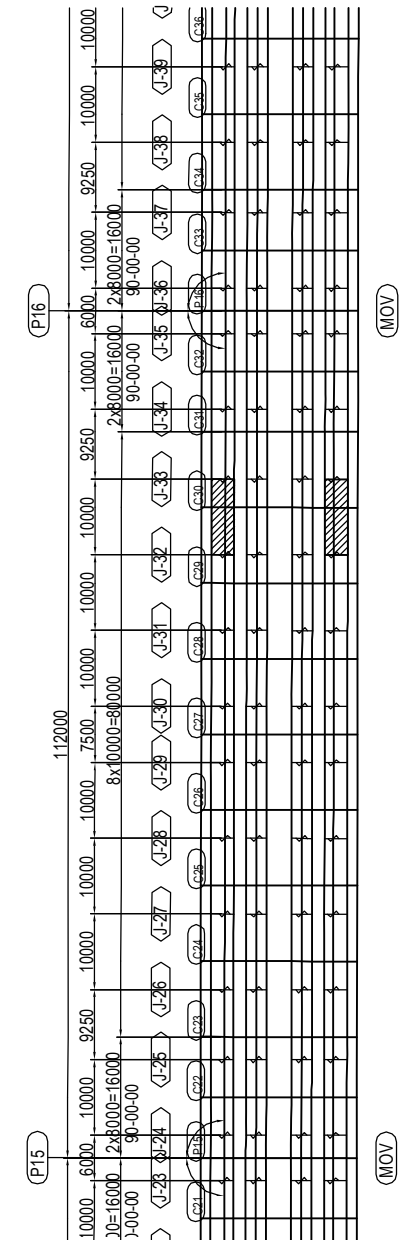


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (32)	PACKAGE 2 DWG No. P2-SB-1132
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (33) S=1:60

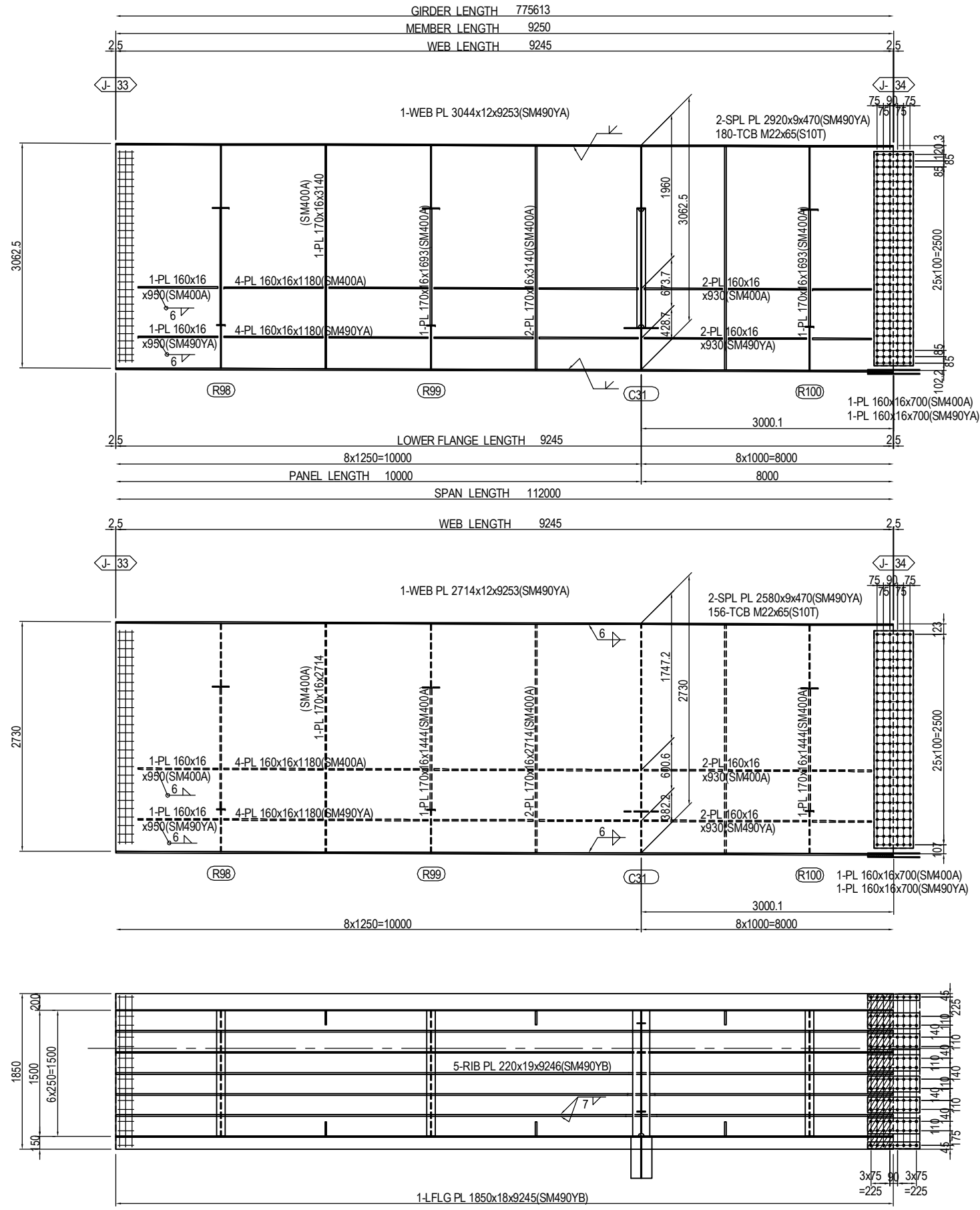


MARKING DIAGRAM

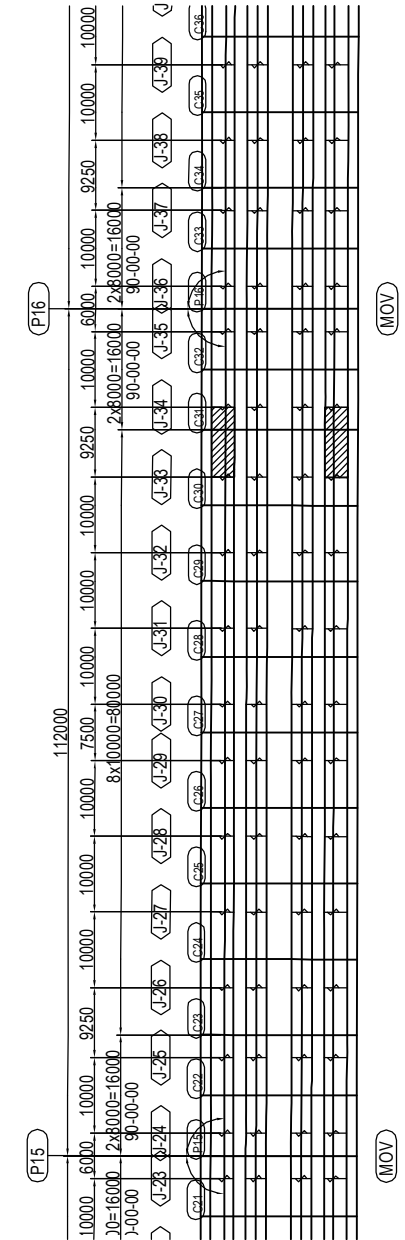


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (33)</h3>	PACKAGE 2 DWG No. P2-SB-1133
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (34) S=1:60



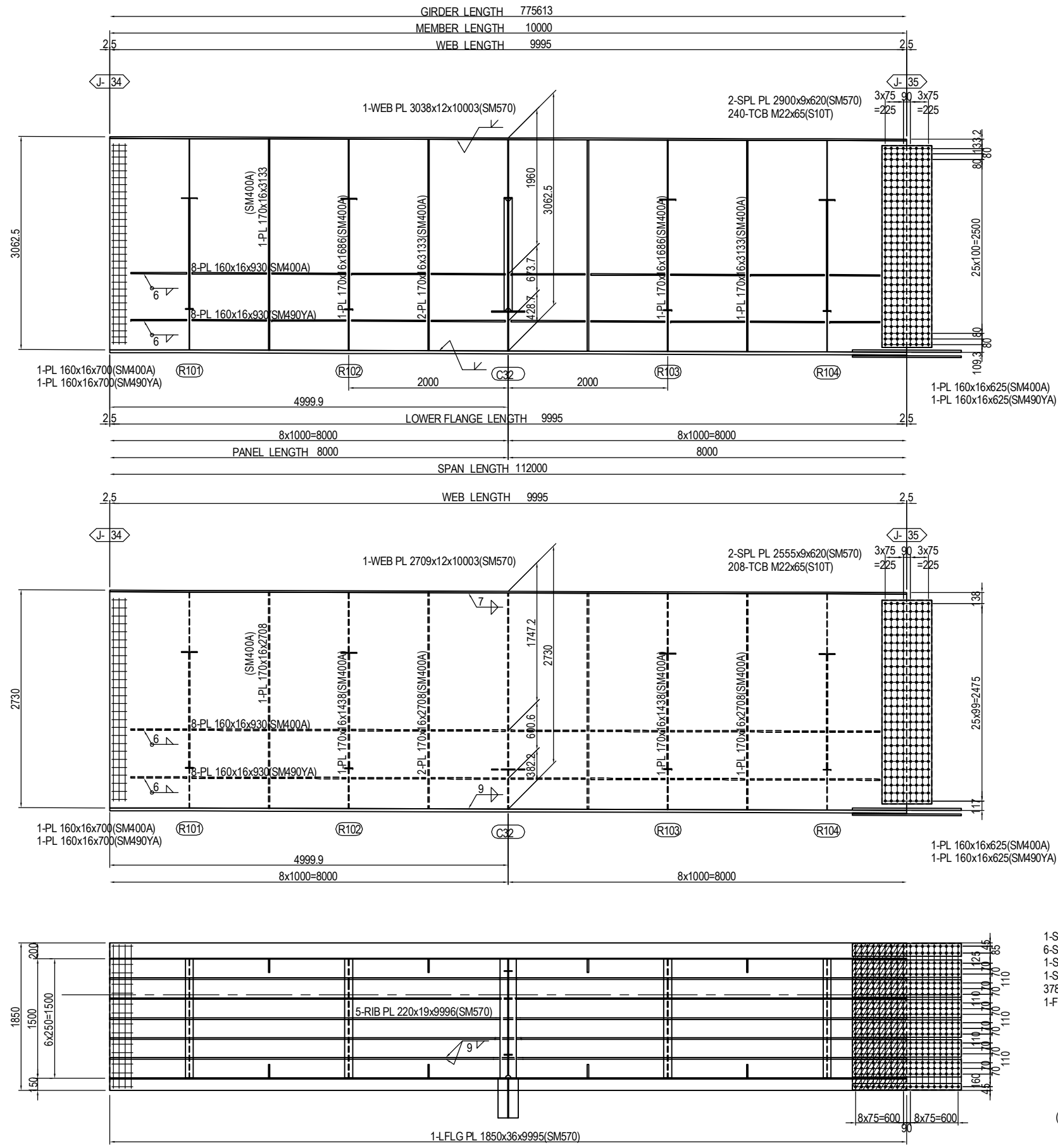
MARKING DIAGRAM



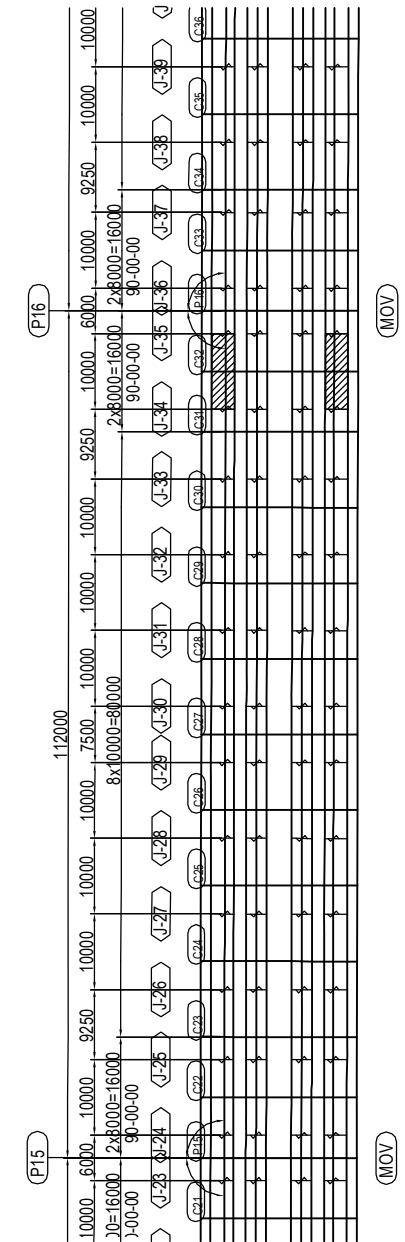
- 2-SPL PL 80x10x620(SM490YA)
 - 6-SPL PL 190x10x620(SM490YA)
 - 1-SPL PL 1840x9x620(SM490YA)
 - 112-TCB M22x90(S10T)
 - 1-FILL PL 1840x18x308(SS400)
- 3x75 100 3x75
 =225 =225
 (RIB PLATE per set)
 2-SPL PL 160x11x630(SM490YA)
 16-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (34)	PACKAGE 2 DWG No. P2-SB-1134
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (35) S=1:60

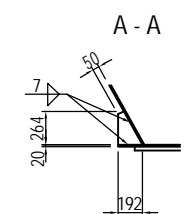
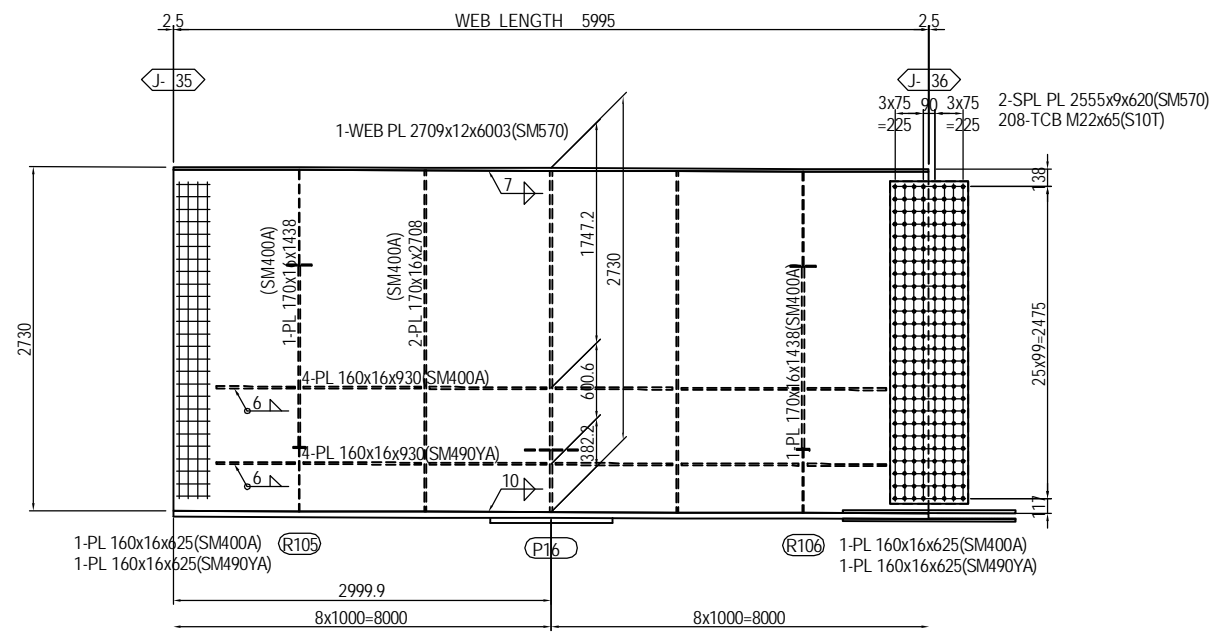
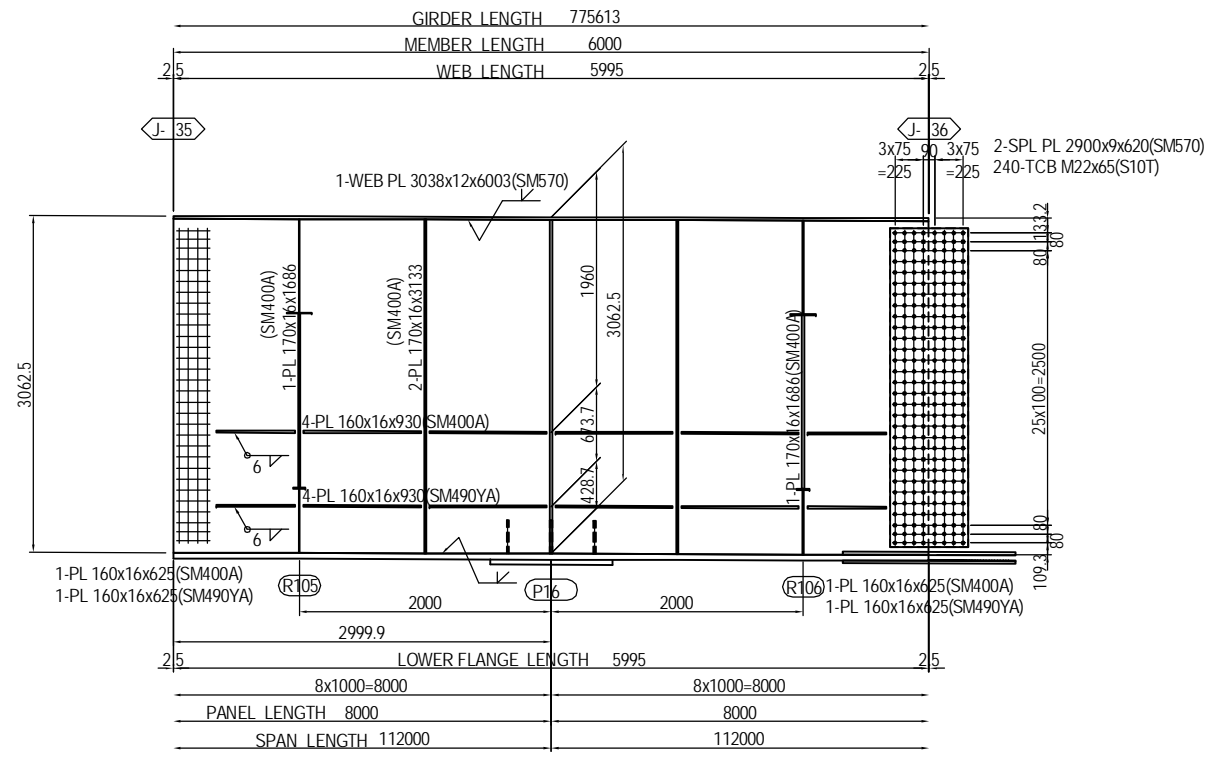


MARKING DIAGRAM

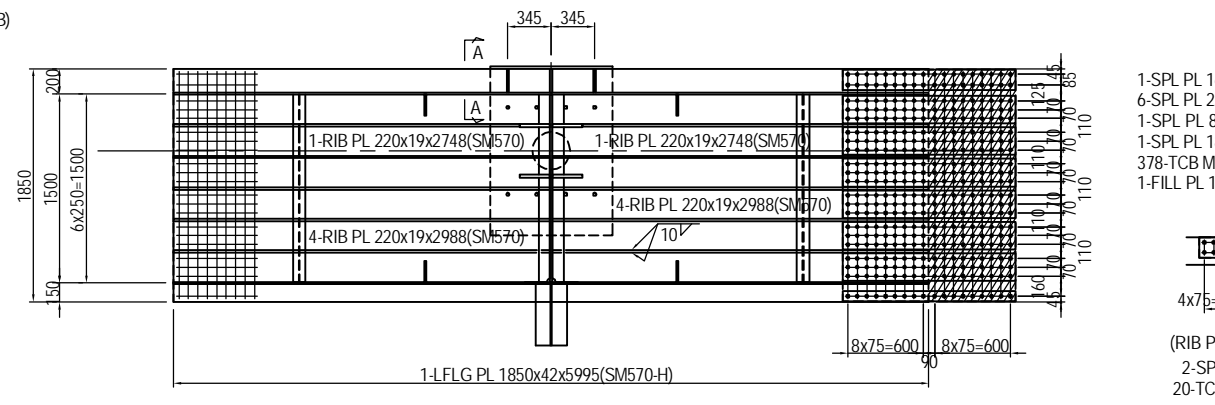


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (35)	PACKAGE 2 DWG No. P2-SB-1135
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

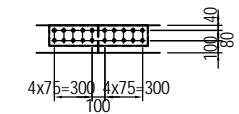
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (36) S=1:60



3-RIB PL 192x19x264(SM490YB)

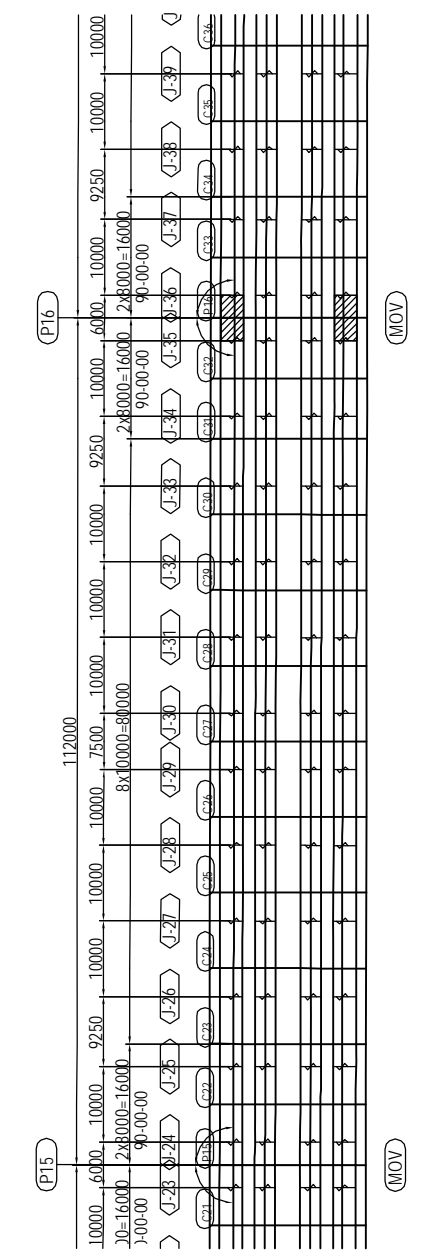


- 1-SPL PL 165x25x1370(SM570)
- 6-SPL PL 220x25x1370(SM570)
- 1-SPL PL 80x25x1370(SM570)
- 1-SPL PL 1840x20x1370(SM570)
- 378-TCB M22x125(S10T)
- 1-FILL PL 1840x2.3x683(SS400)



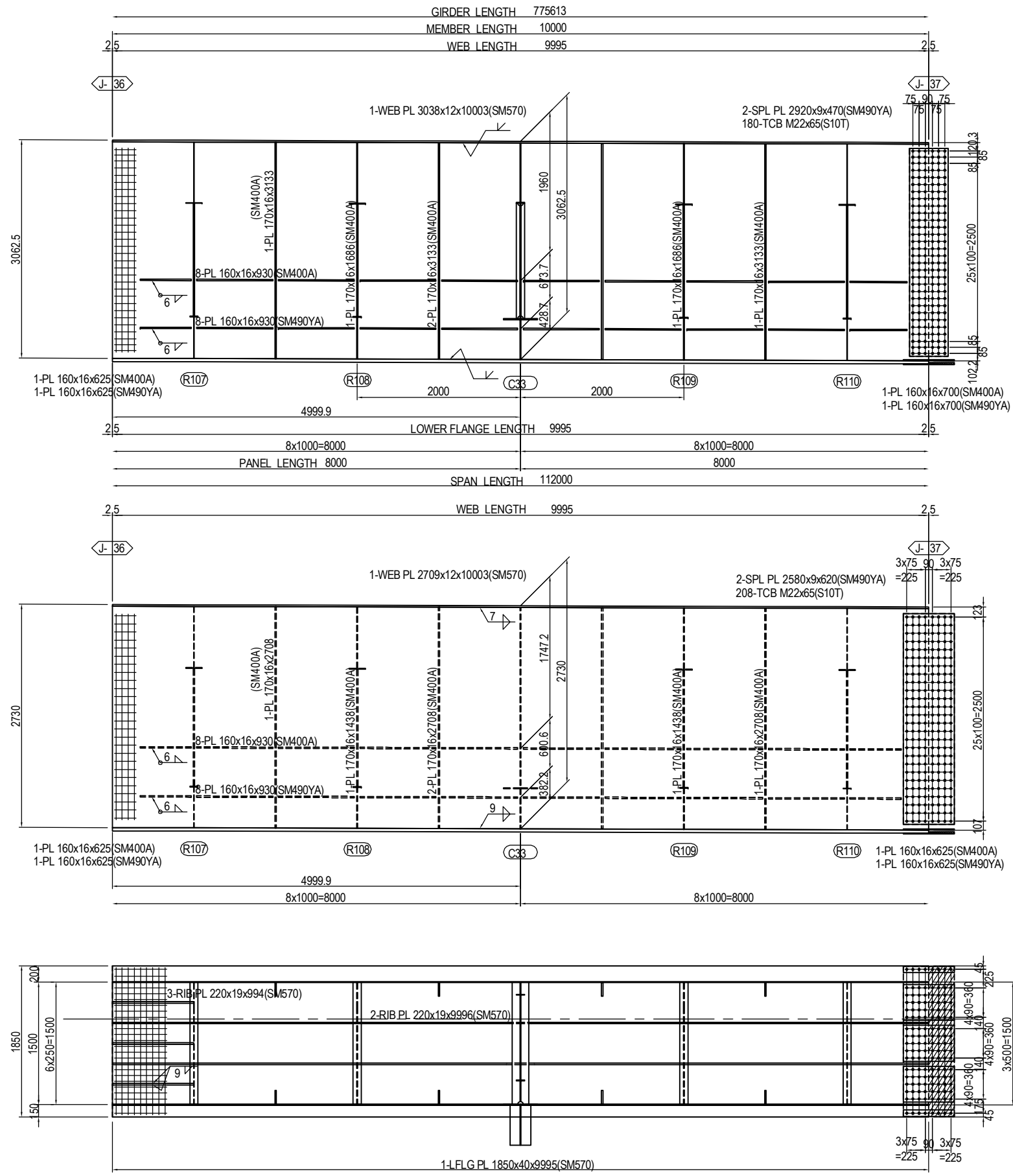
- (RIB PLATE per set)
- 2-SPL PL 160x12x780(SM570)
- 20-TCB M22x80(S10T)

MARKING DIAGRAM

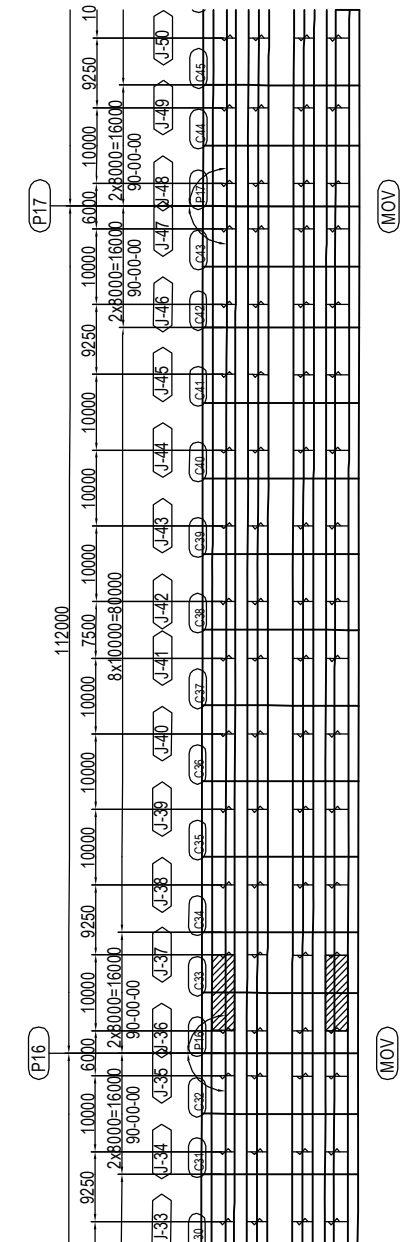


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (36)	PACKAGE 2 DWG No. P2-SB-1136
				PREPARED BY	T. HAYAKAWA	20 Jun.2017		
				CHECKED BY	Y. SANO	21 Jun.2017		
				APPROVED BY				

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (37) S=1:60

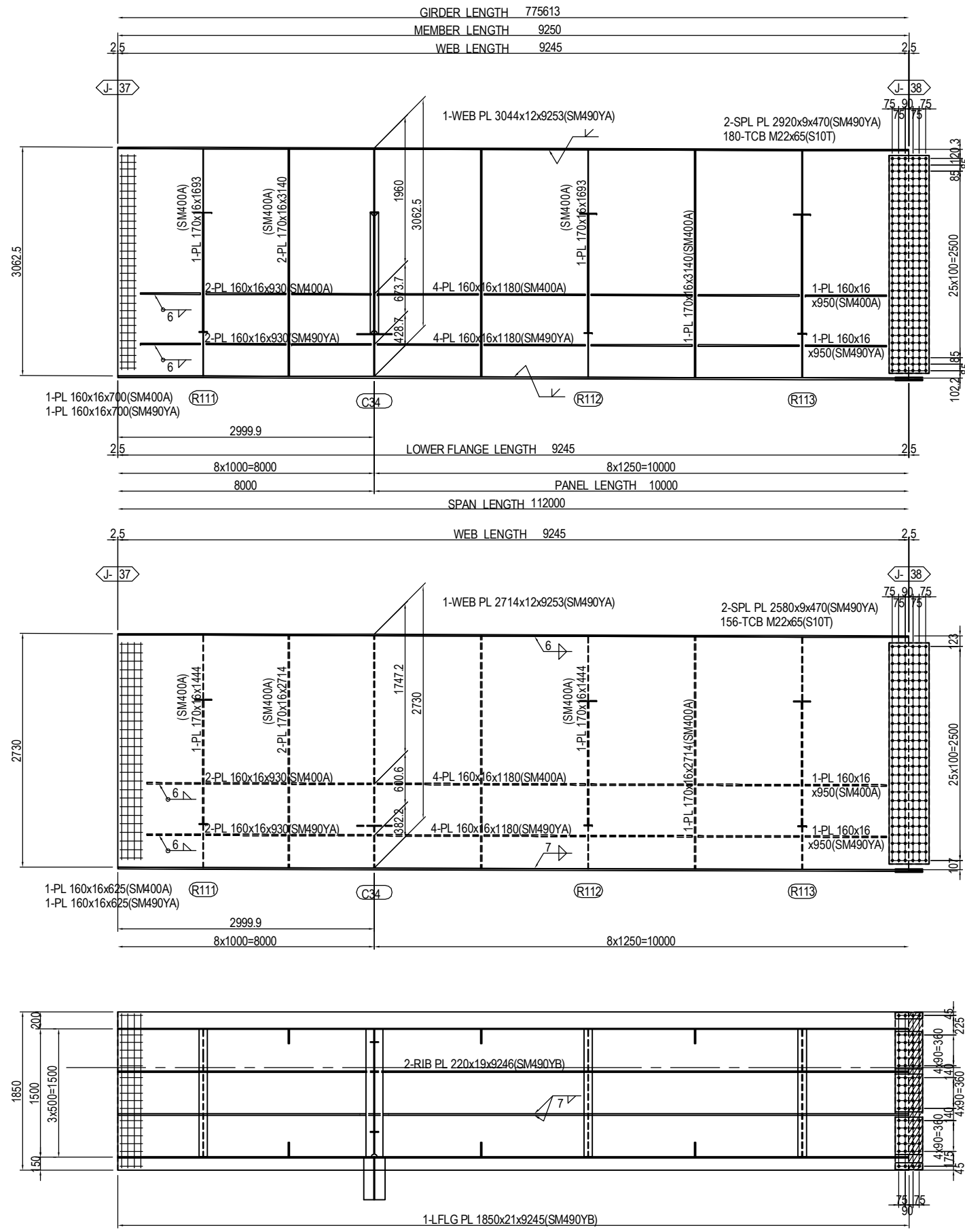


MARKING DIAGRAM

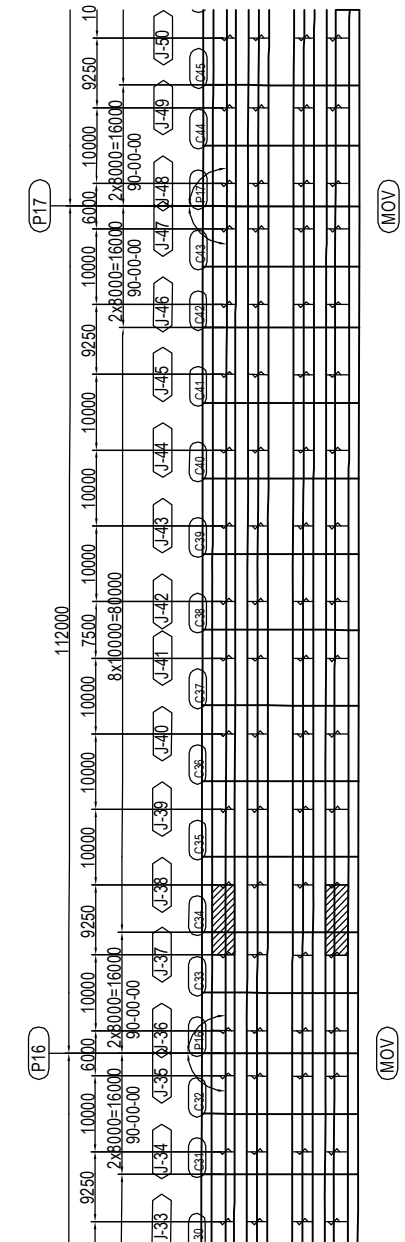


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (37)	PACKAGE 2 DWG No. P2-SB-1137
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

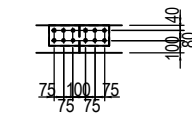
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (38) S=1:60



MARKING DIAGRAM



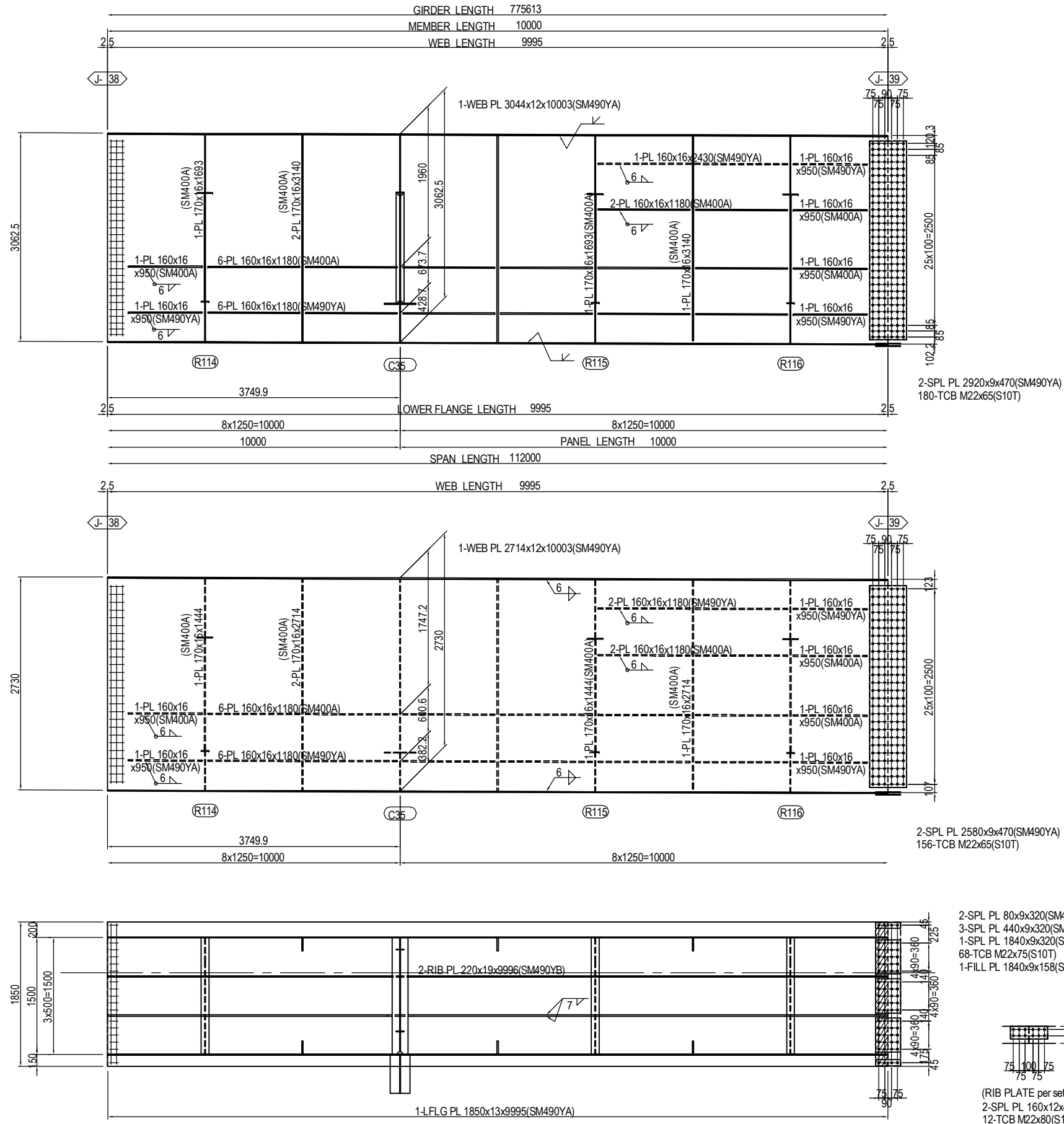
- 2-SPL PL 80x9x320(SM490YA)
- 3-SPL PL 440x9x320(SM490YA)
- 1-SPL PL 1840x9x320(SM490YA)
- 68-TCB M22x75(S10T)
- 1-FILL PL 1840x8x158(SS400)



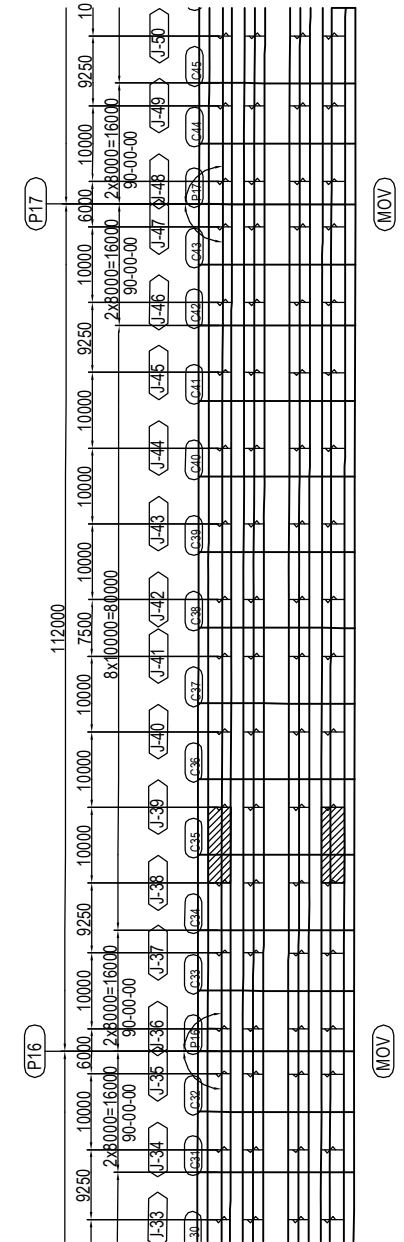
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (38)	PACKAGE 2 DWG No. P2-SB-1138
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (39) S=1:60

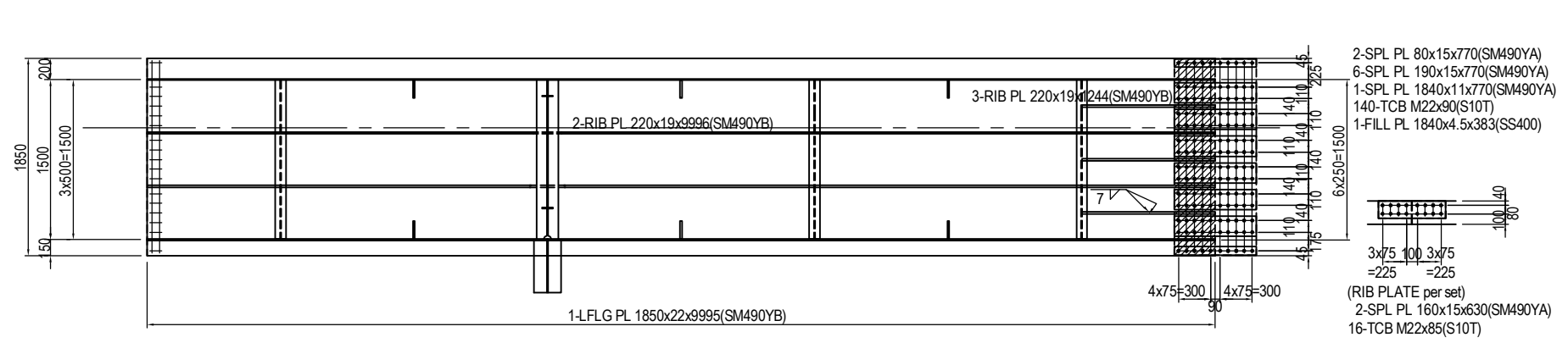
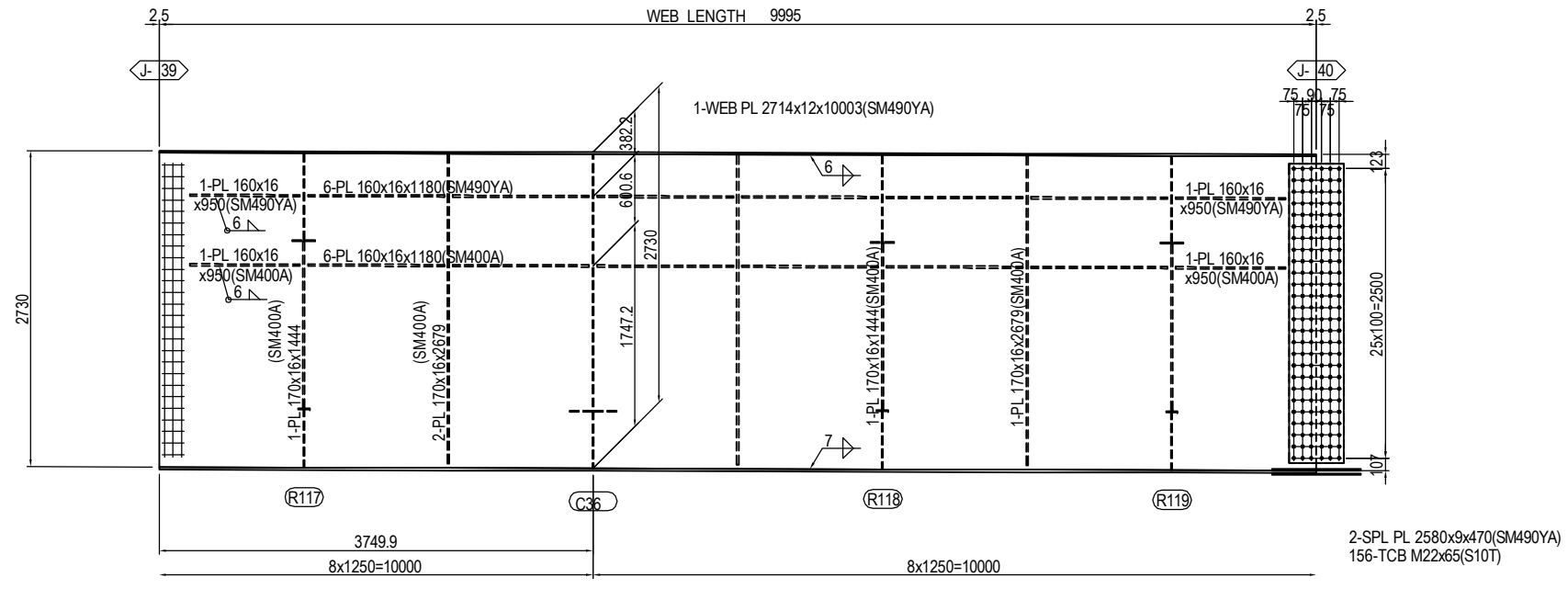
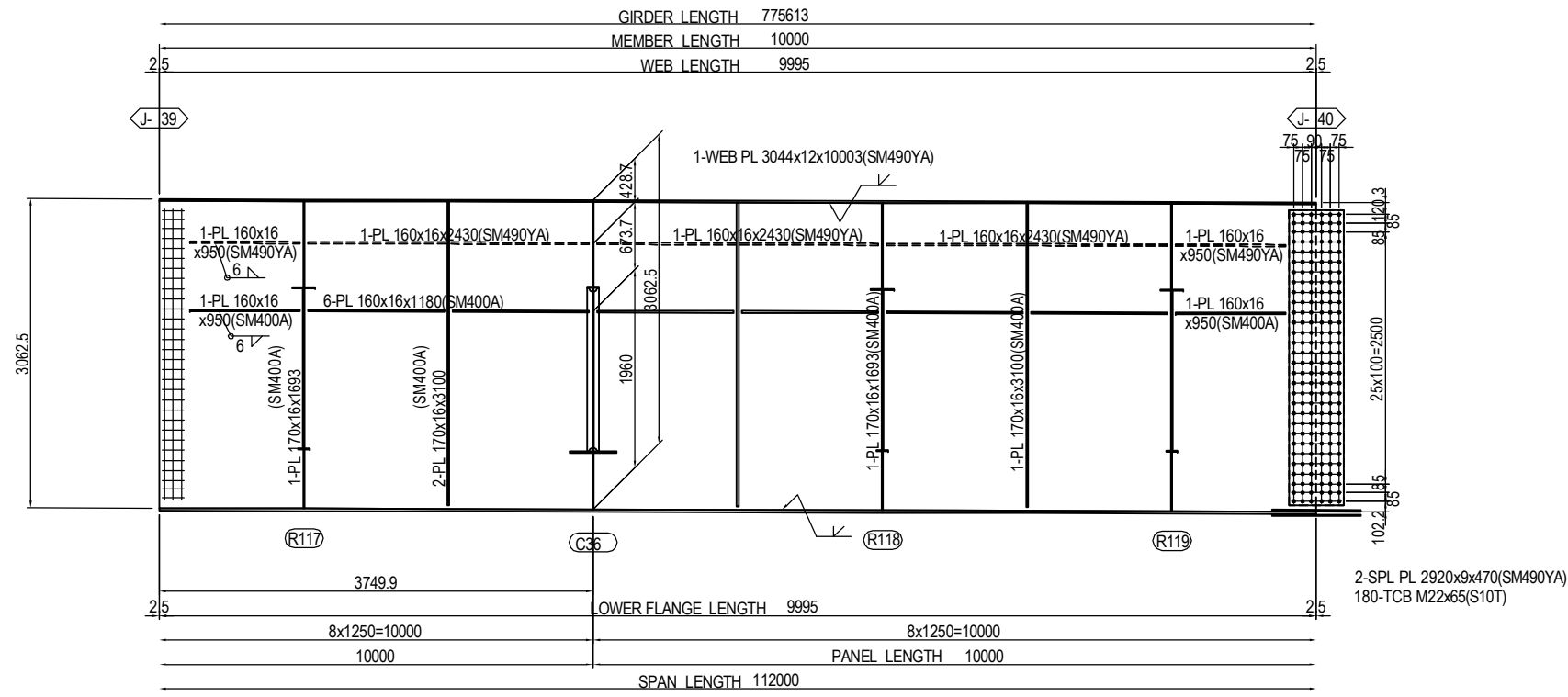


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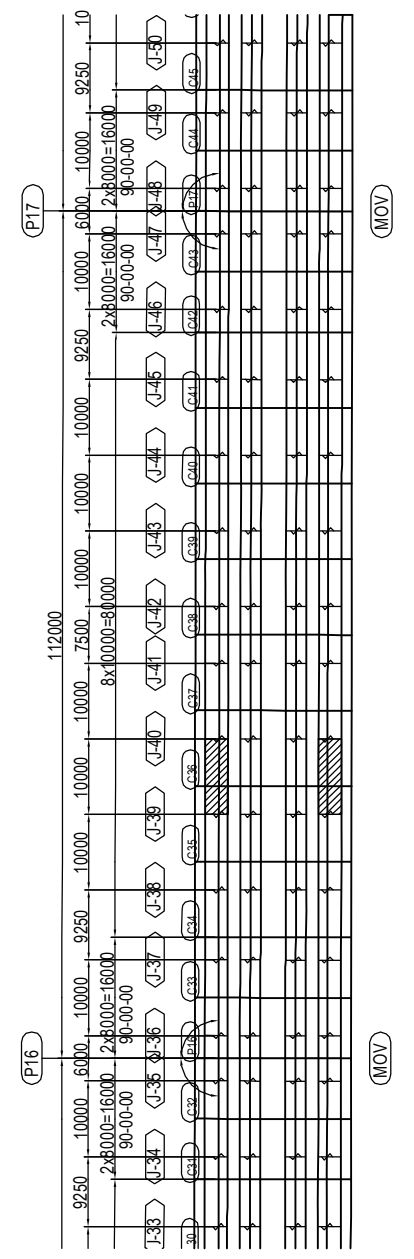


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (39)	PACKAGE 2 DWG No. P2-SB-1139
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (40) S=1:60

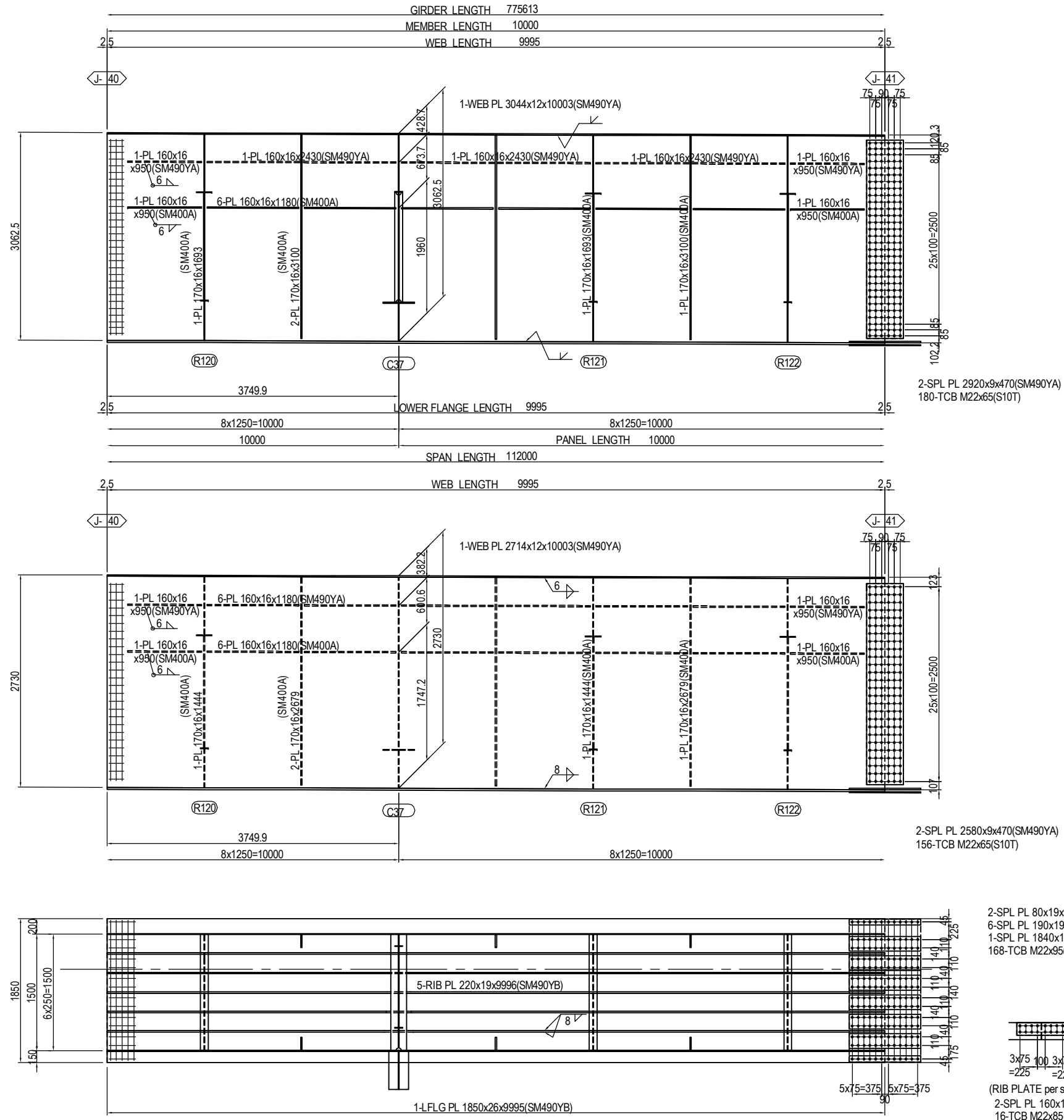


MARKING DIAGRAM

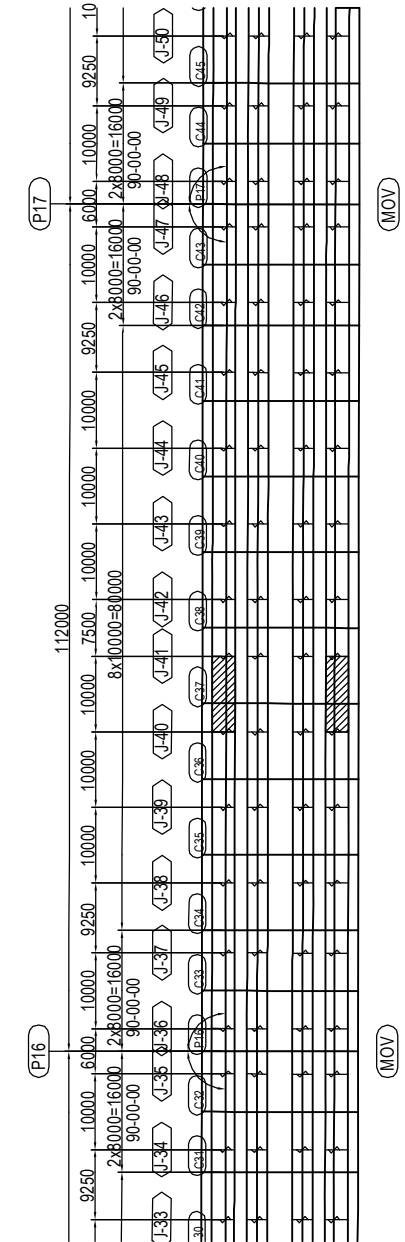


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (40)	PACKAGE 2 DWG No. P2-SB-1140
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (41) S=1:60

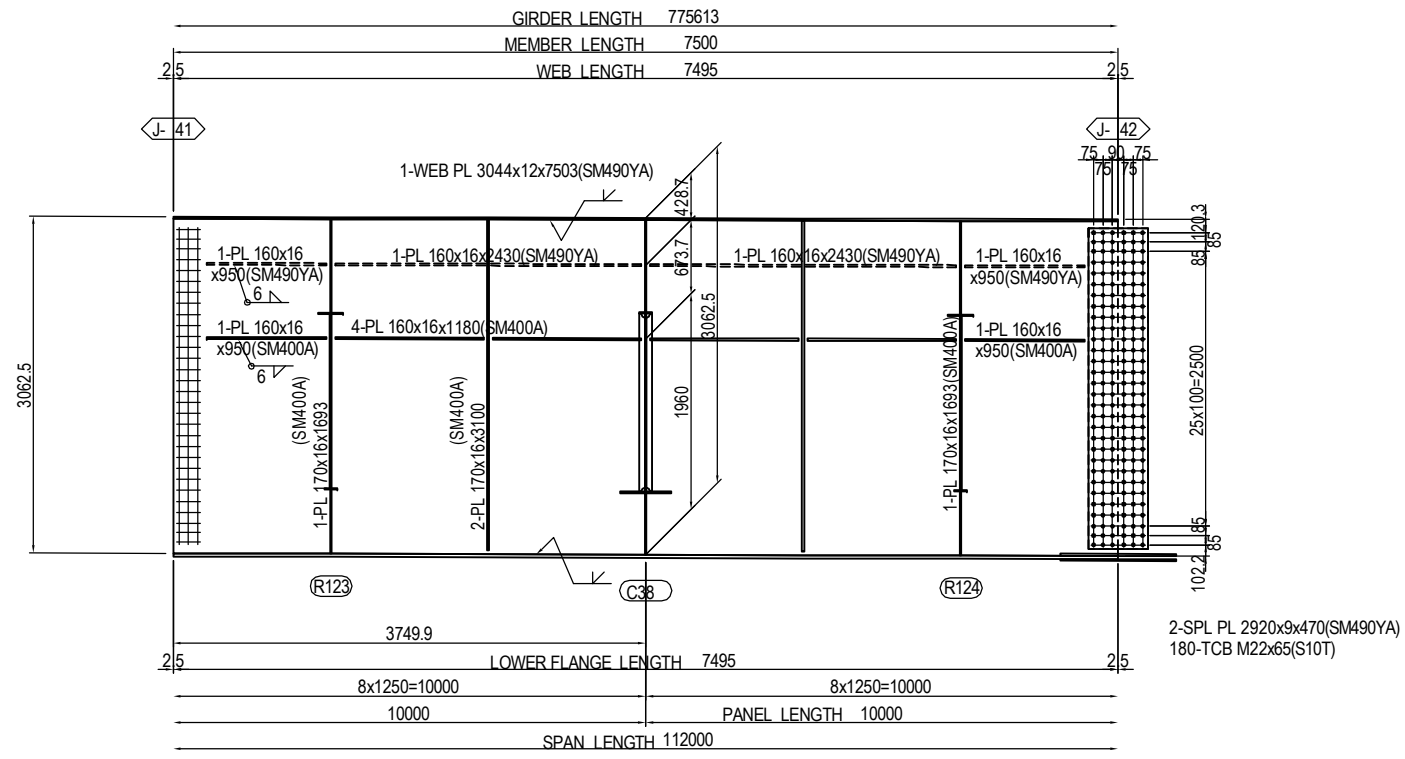


MARKING DIAGRAM

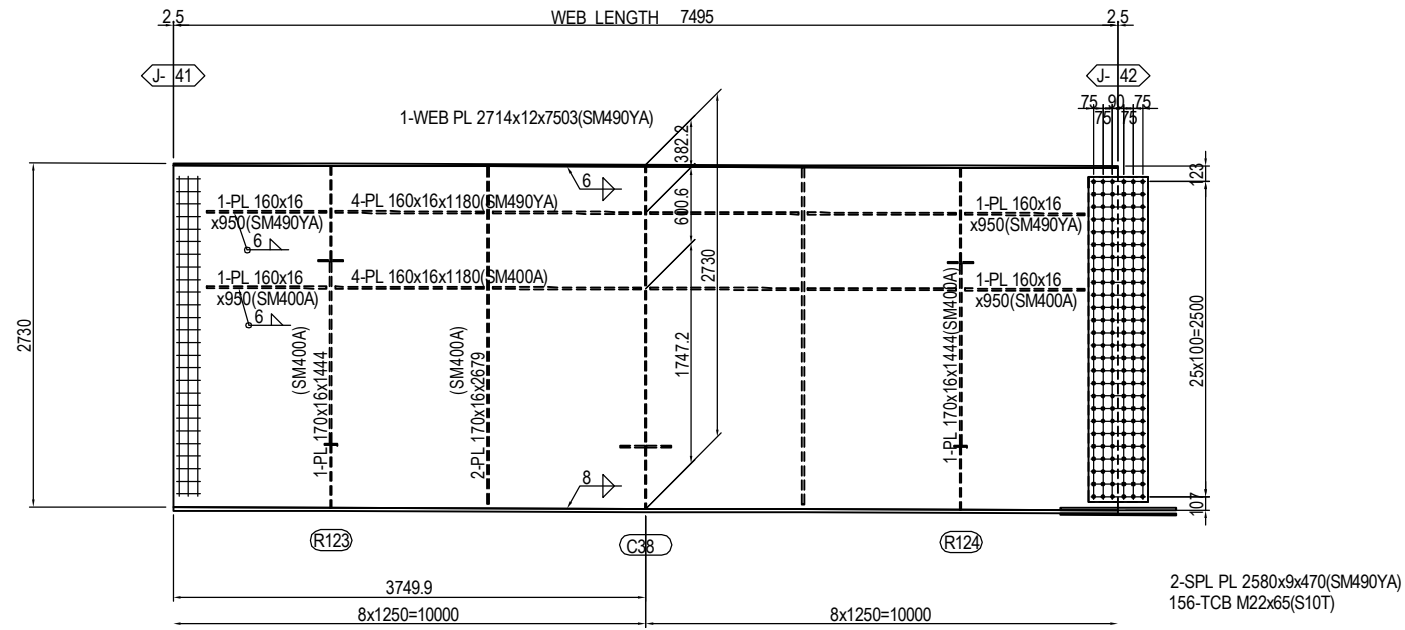


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (41)	PACKAGE 2 DWG No. P2-SB-1141
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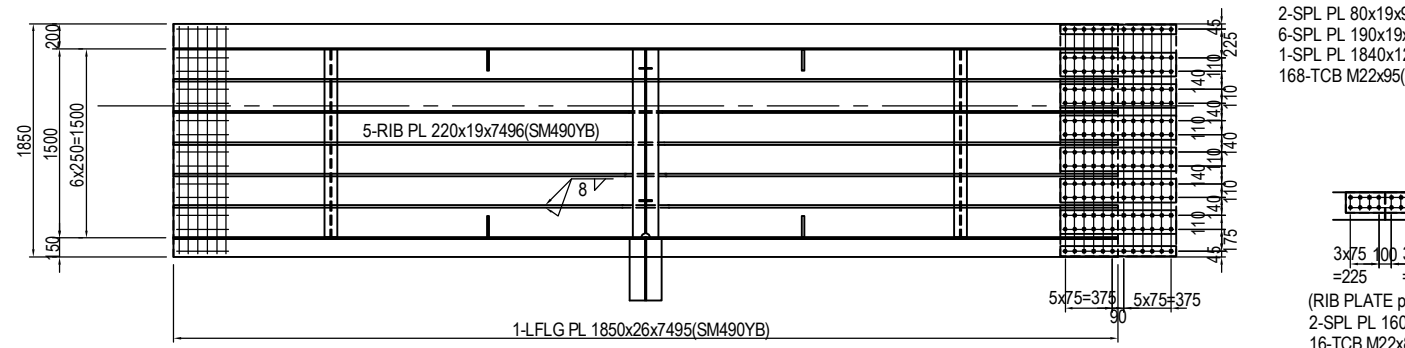
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (42) S=1:60



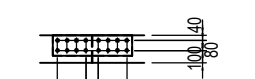
2-SPL PL 2920x9x470(SM490YA)
180-TCB M22x65(S10T)



2-SPL PL 2580x9x470(SM490YA)
156-TCB M22x65(S10T)

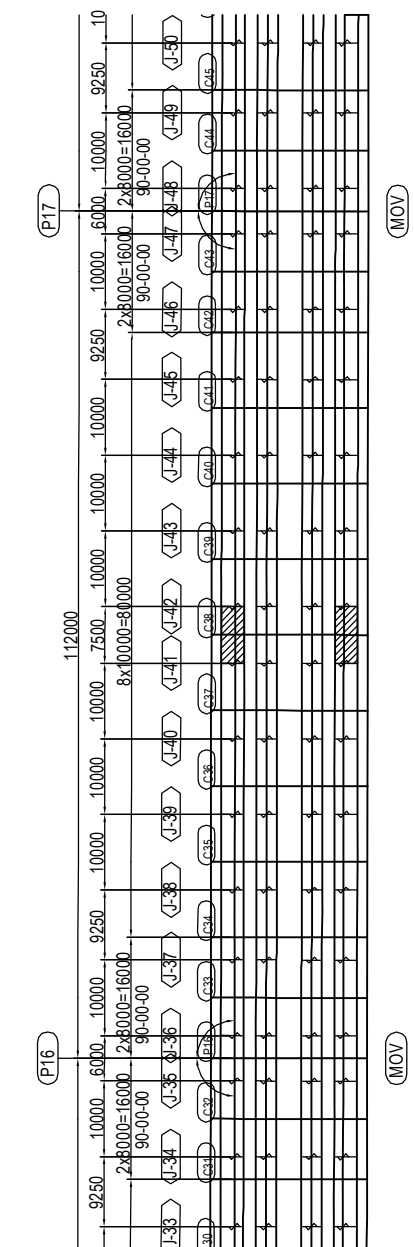


2-SPL PL 80x19x920(SM490YB)
6-SPL PL 190x19x920(SM490YB)
1-SPL PL 1840x12x920(SM490YA)
168-TCB M22x95(S10T)



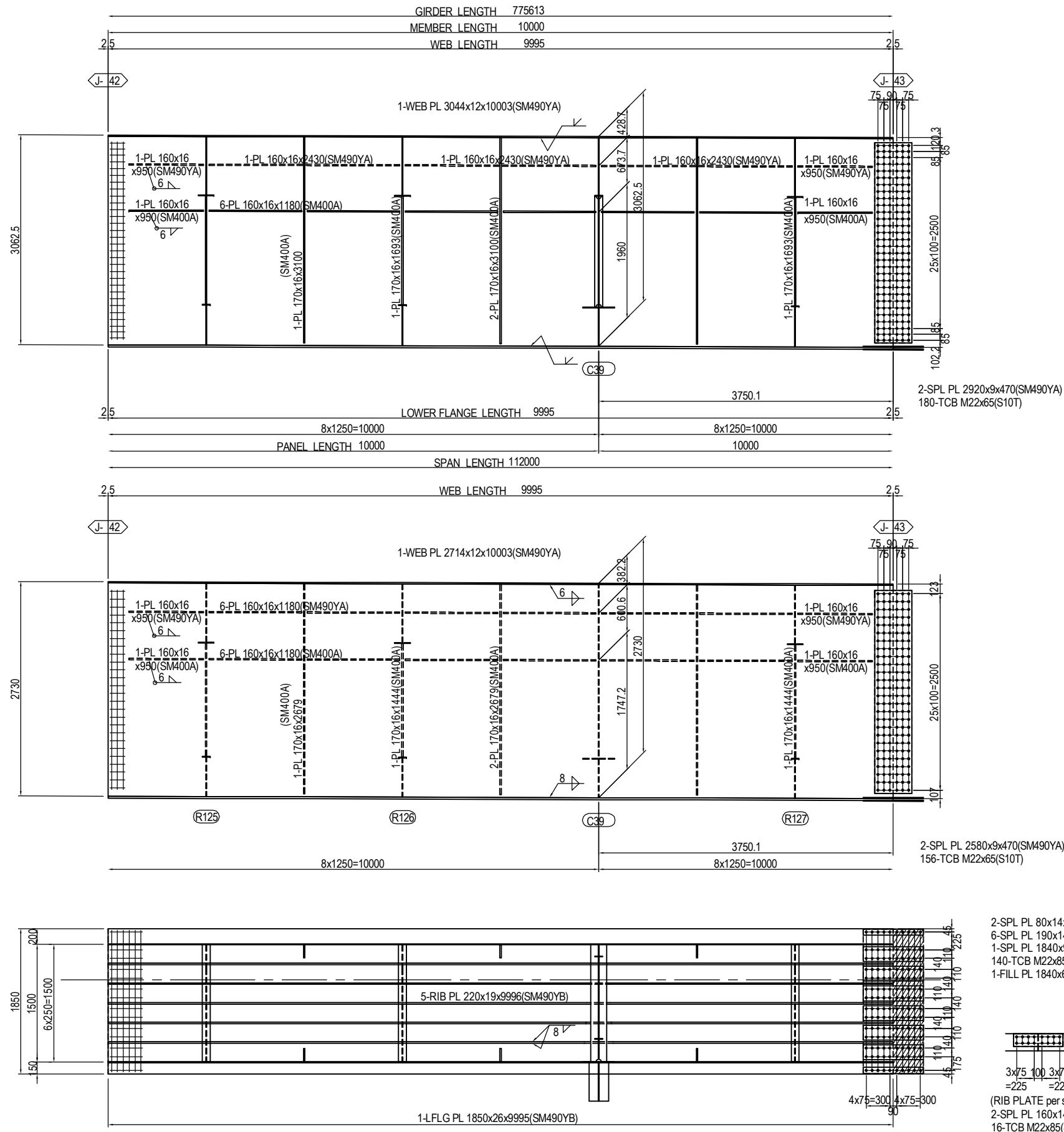
(RIB PLATE per set)
2-SPL PL 160x14x630(SM490YA)
16-TCB M22x85(S10T)

MARKING DIAGRAM

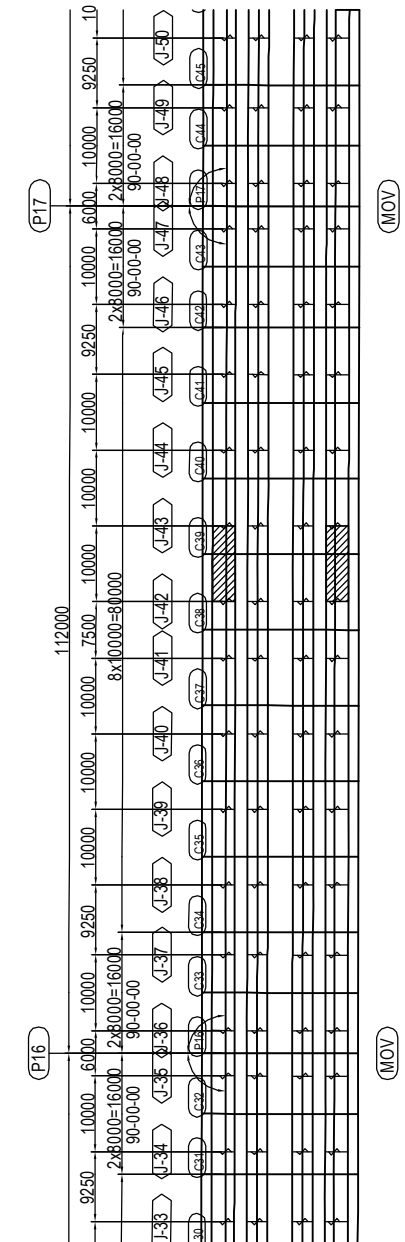


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (42)	PACKAGE 2 DWG No. P2-SB-1142
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (43) S=1:60

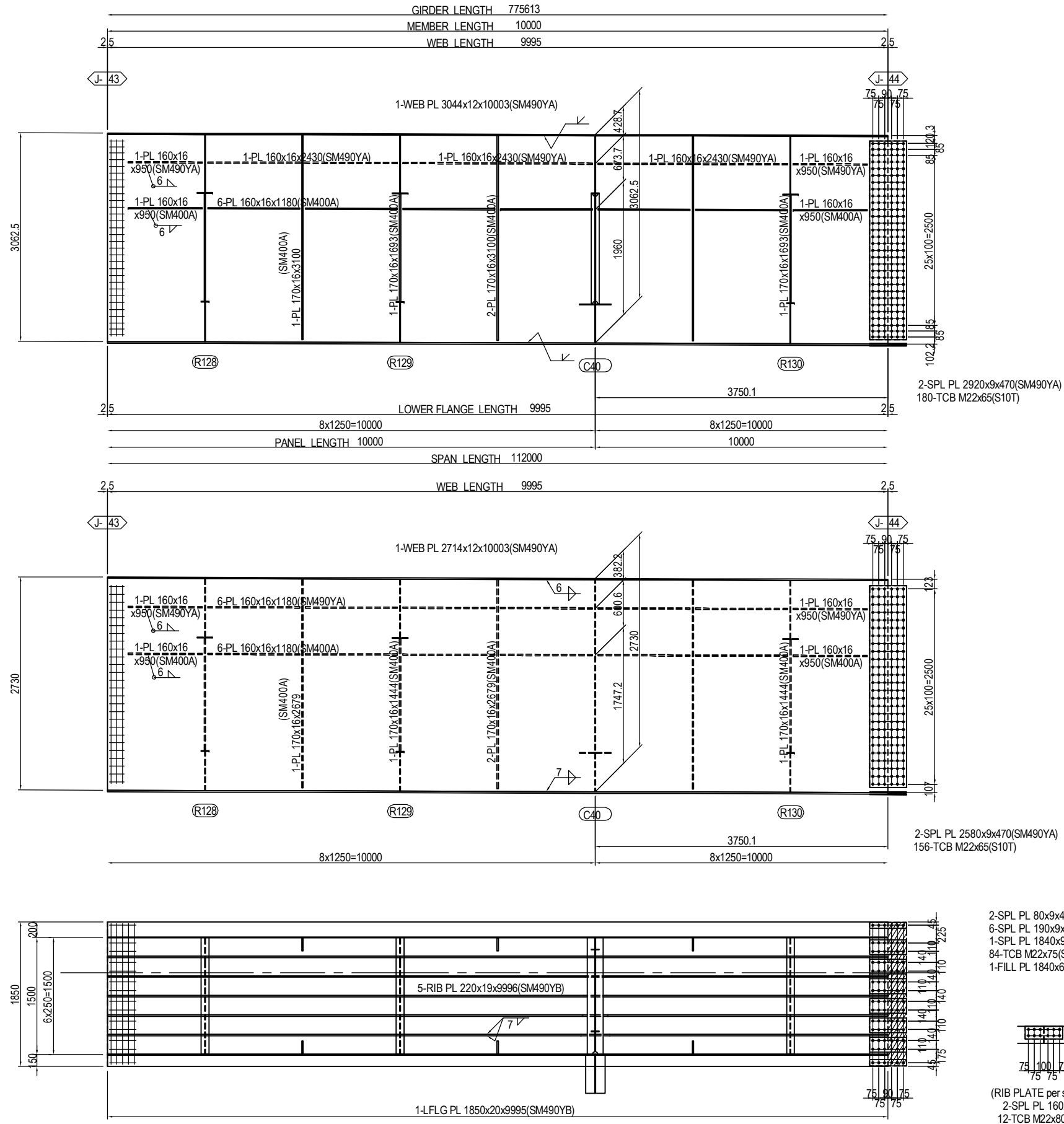


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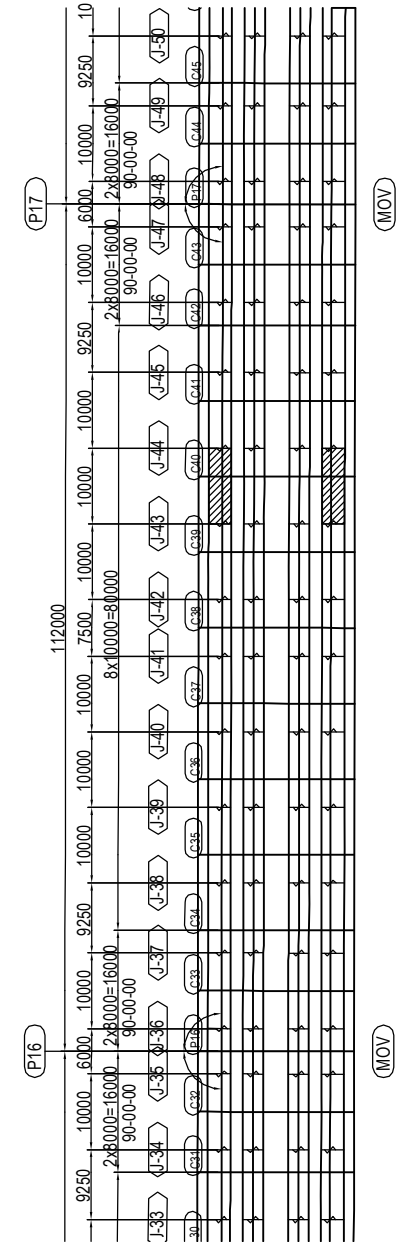


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (43)	PACKAGE 2 DWG No. P2-SB-1143
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (44) S=1:60

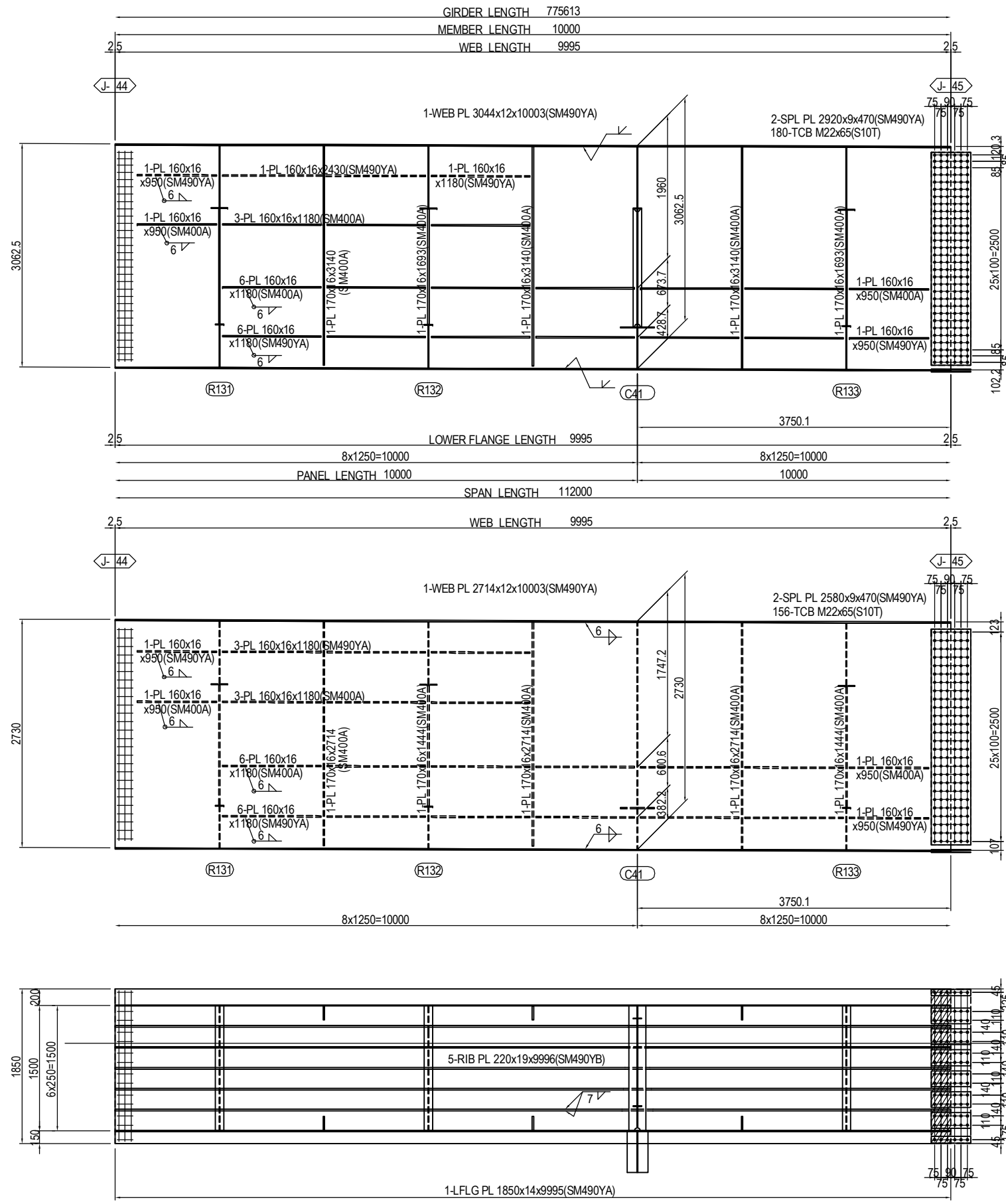


MARKING DIAGRAM

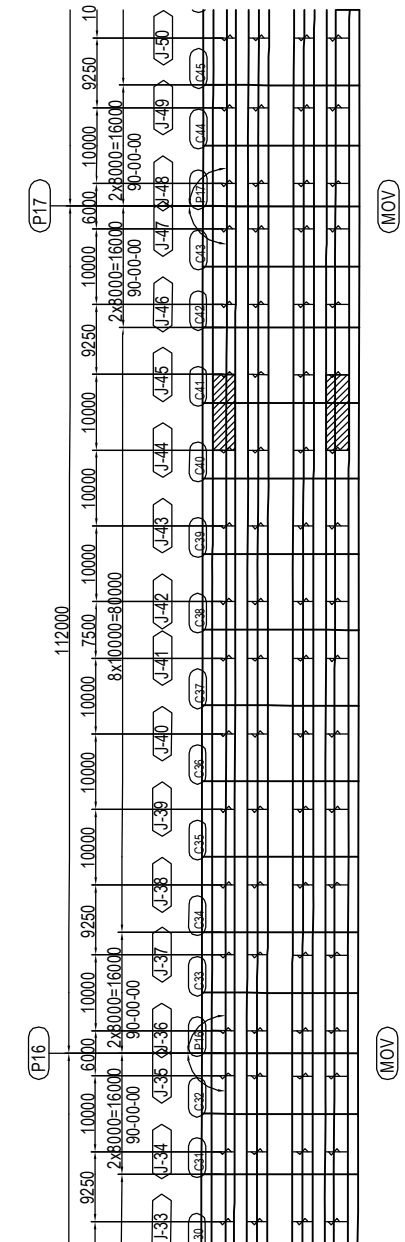


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (44)	PACKAGE 2 DWG No. P2-SB-1144
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		
				APPROVED BY	Y. SANO	21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (45) S=1:60

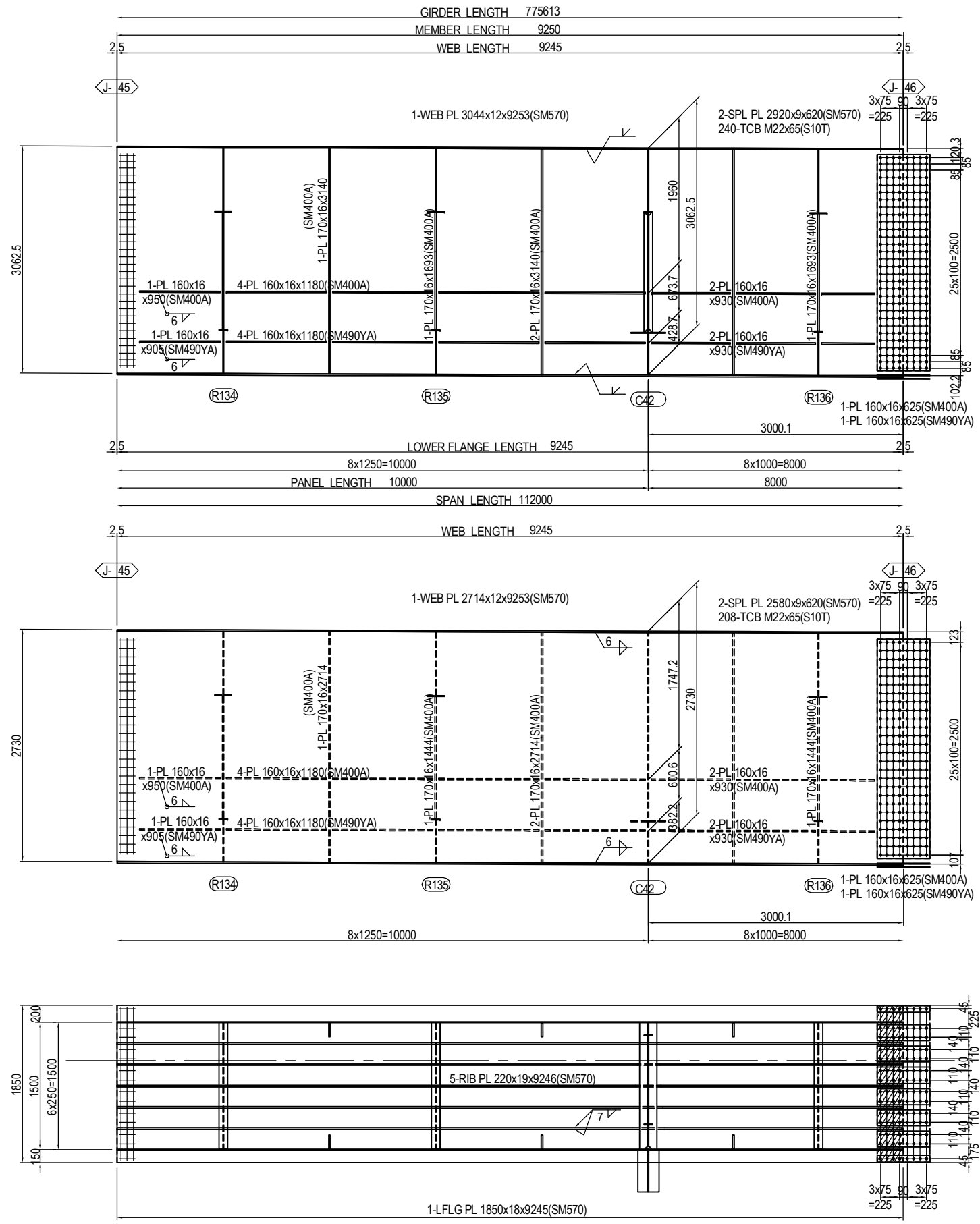


MARKING DIAGRAM

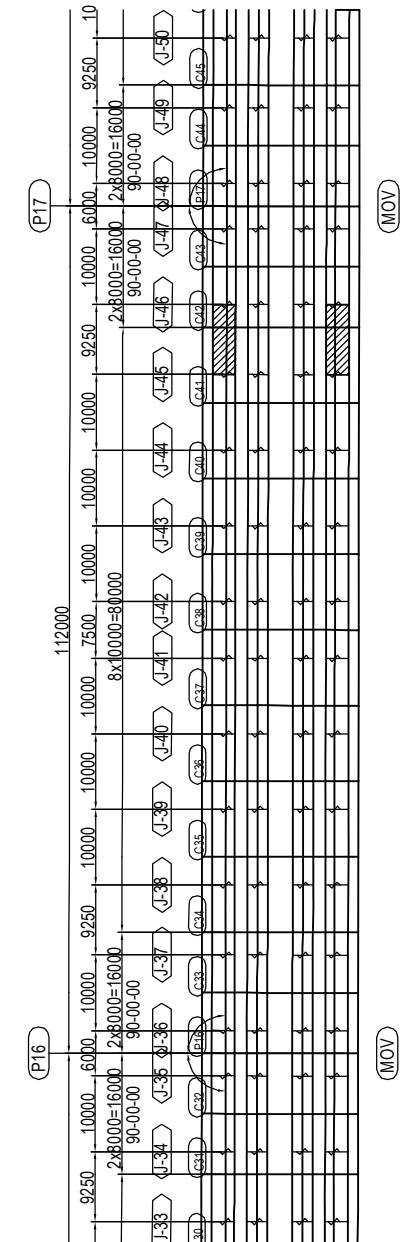


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (45)	PACKAGE 2 DWG No. P2-SB-1145
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (46) S=1:60

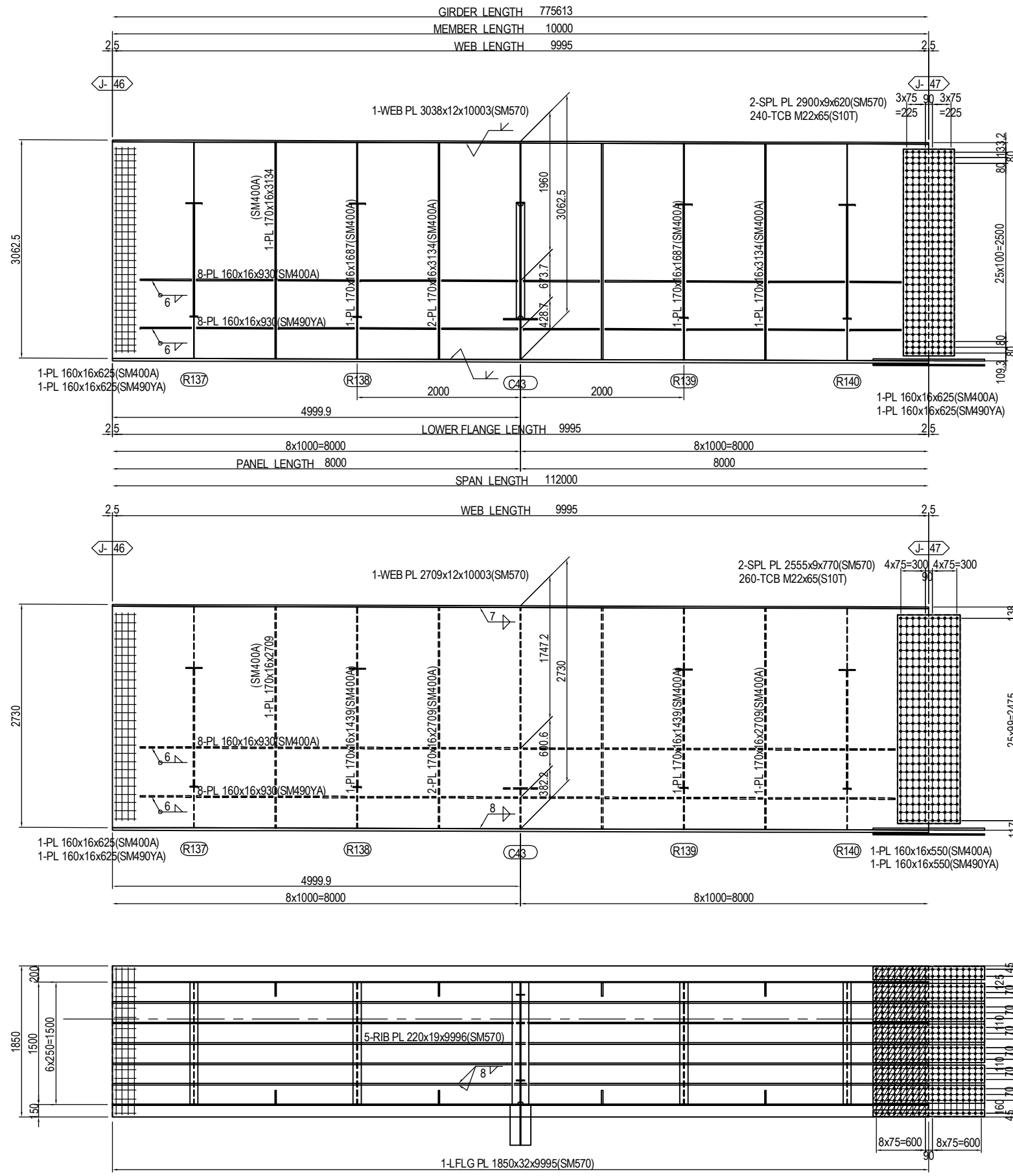


MARKING DIAGRAM

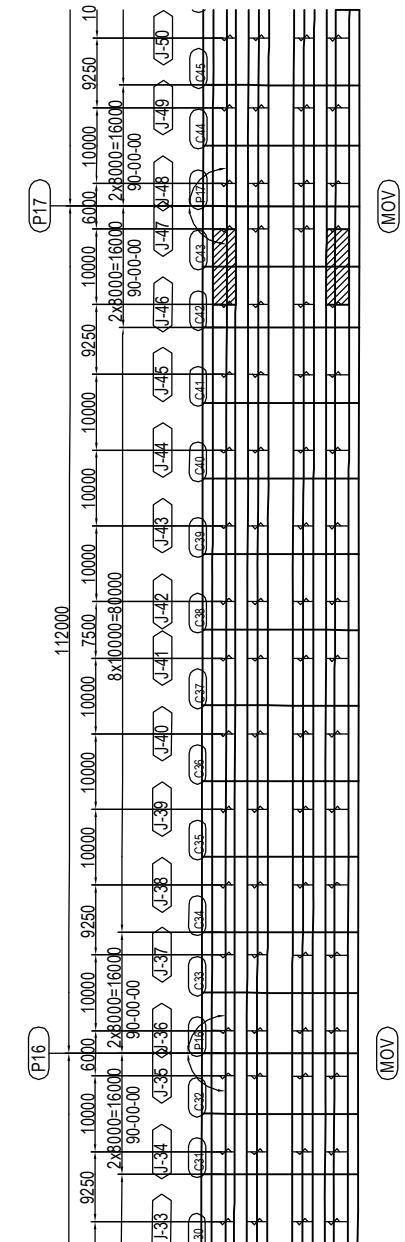


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">NAME</th> <th style="width: 20%;">SIGNATURE</th> <th style="width: 20%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (46)</h3>	PACKAGE 2 DWG No. P2-SB-1146
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (47) S=1:60



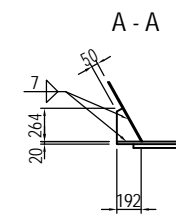
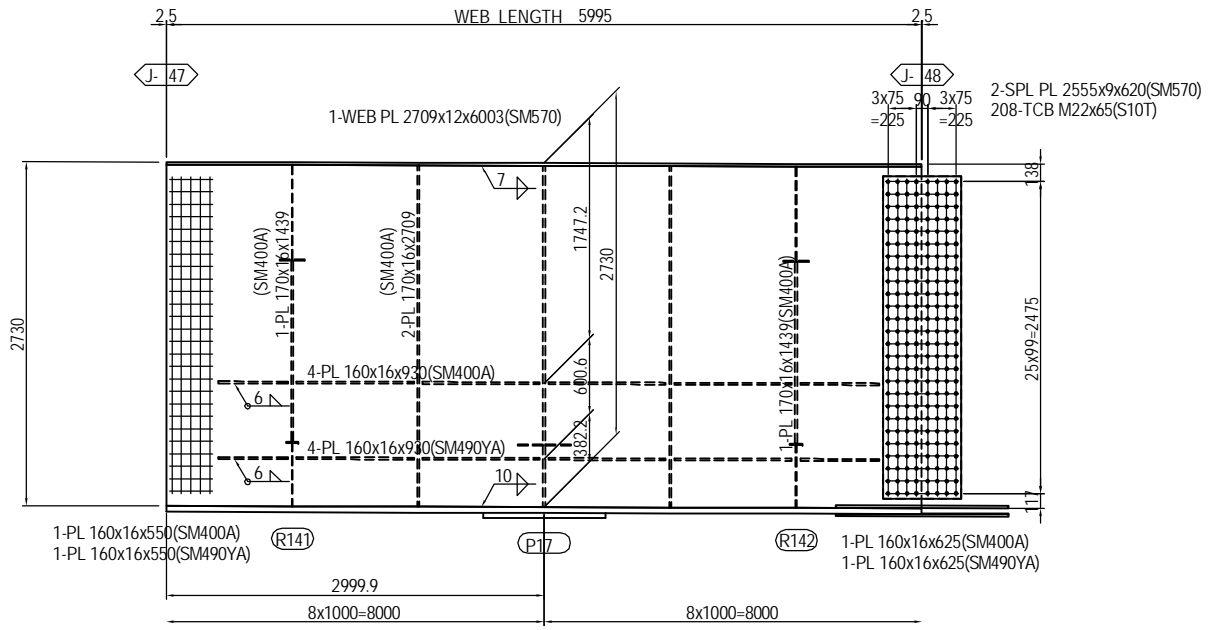
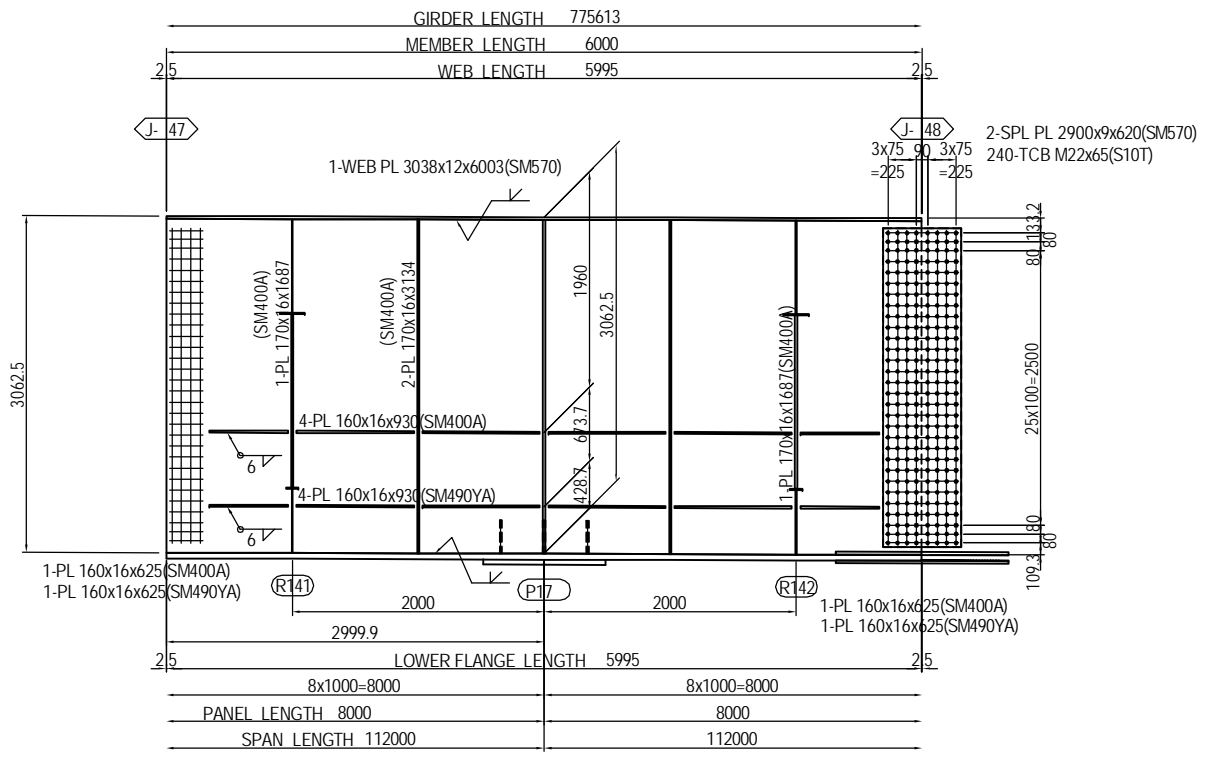
MARKING DIAGRAM



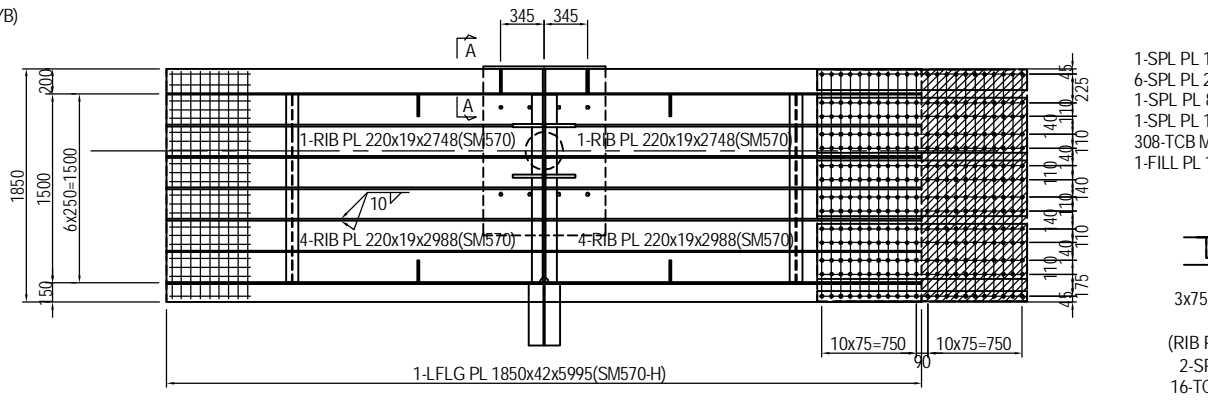
- 1-SPL PL 165x23x1370(SM570)
 - 6-SPL PL 220x23x1370(SM570)
 - 1-SPL PL 80x23x1370(SM570)
 - 1-SPL PL 1840x16x1370(SM570)
 - 378-TCB M22x120(S10T)
 - 1-FILL PL 1840x10x683(SS400)
-
- (RIB PLATE per set)
 2-SPL PL 160x12x780(SM570)
 20-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (47)	PACKAGE 2 DWG No. P2-SB-1147
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

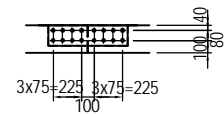
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (48) S=1:60



3-RIB PL 192x19x264(SM490YB)

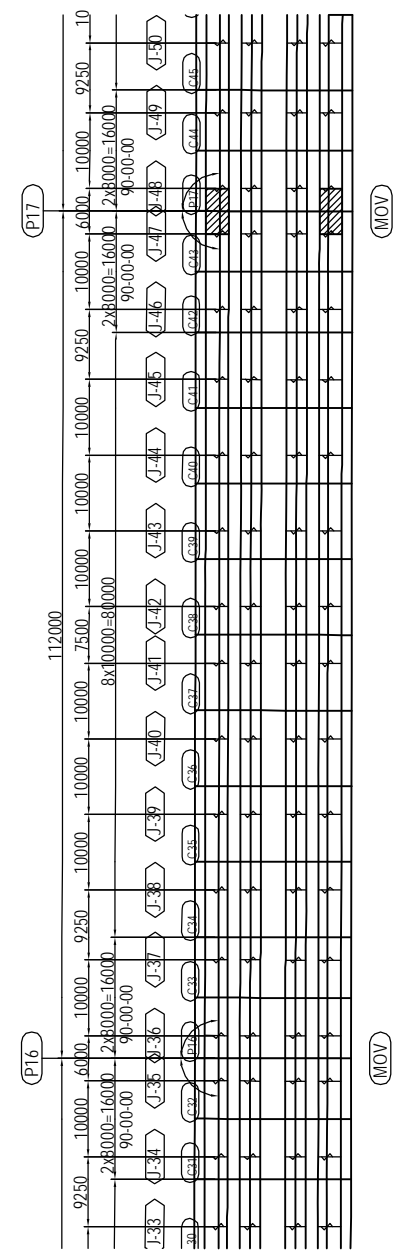


- 1-SPL PL 165x23x1670(SM570)
- 6-SPL PL 220x23x1670(SM570)
- 1-SPL PL 80x23x1670(SM570)
- 1-SPL PL 1840x16x1370(SM570)
- 308-TCB M22x125(S10T)
- 1-FILL PL 1840x2.3x833(SS400)



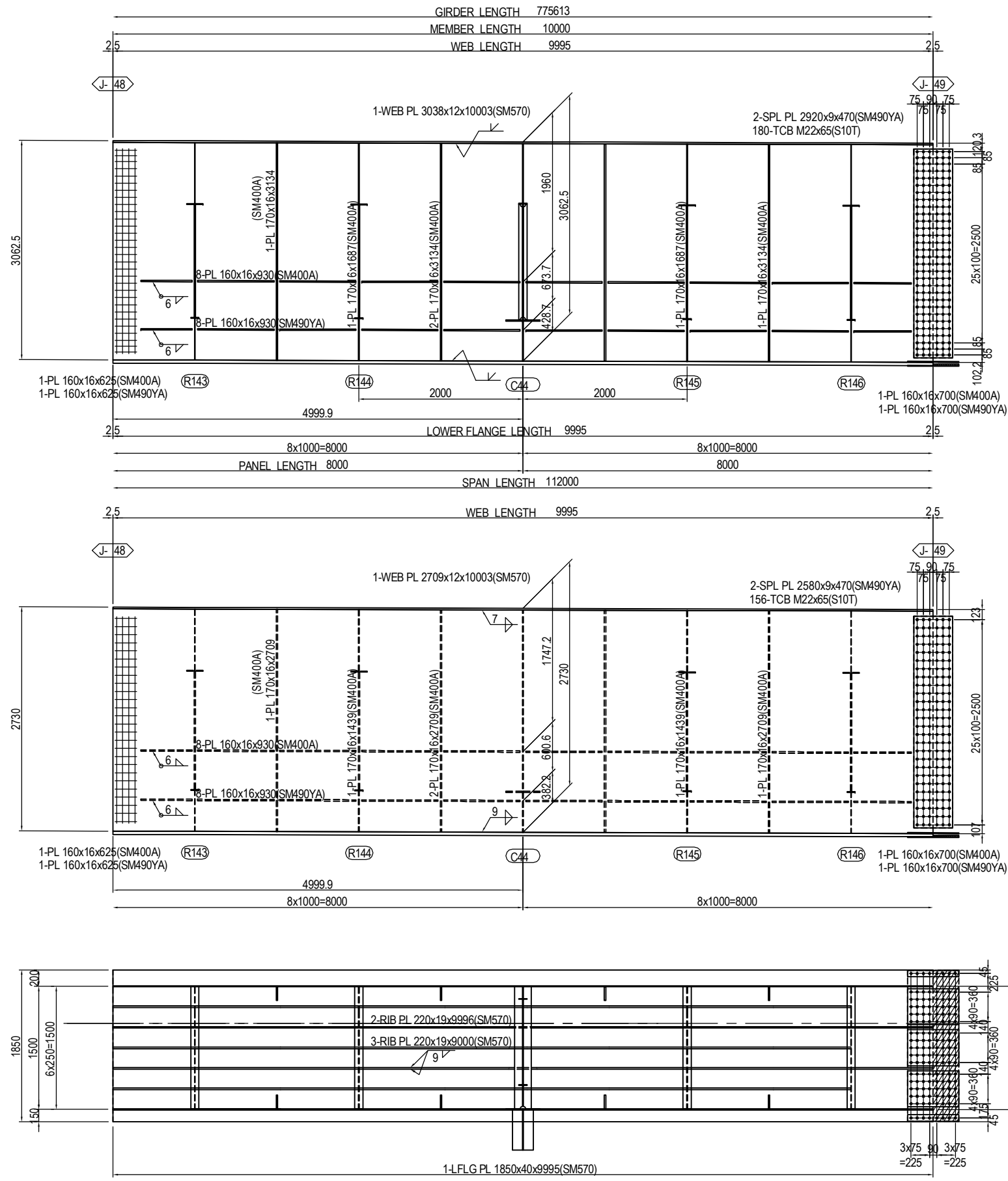
- (RIB PLATE per set)
- 2-SPL PL 160x11x630(SM570)
- 16-TCB M22x80(S10T)

MARKING DIAGRAM

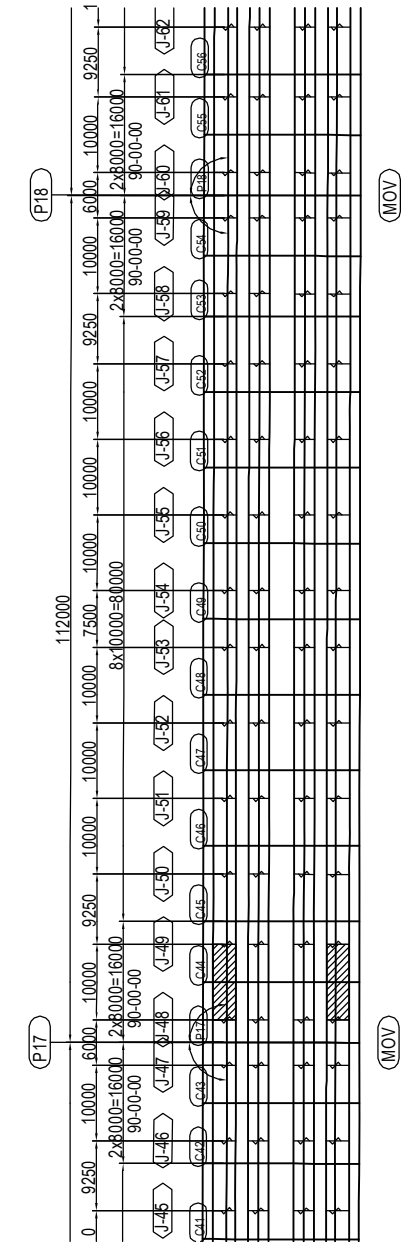


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">NAME</th> <th style="width: 20%;">SIGNATURE</th> <th style="width: 20%;">DATE</th> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (48)</h3>	PACKAGE 2 DWG No. P2-SB-1148
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (49) S=1:60



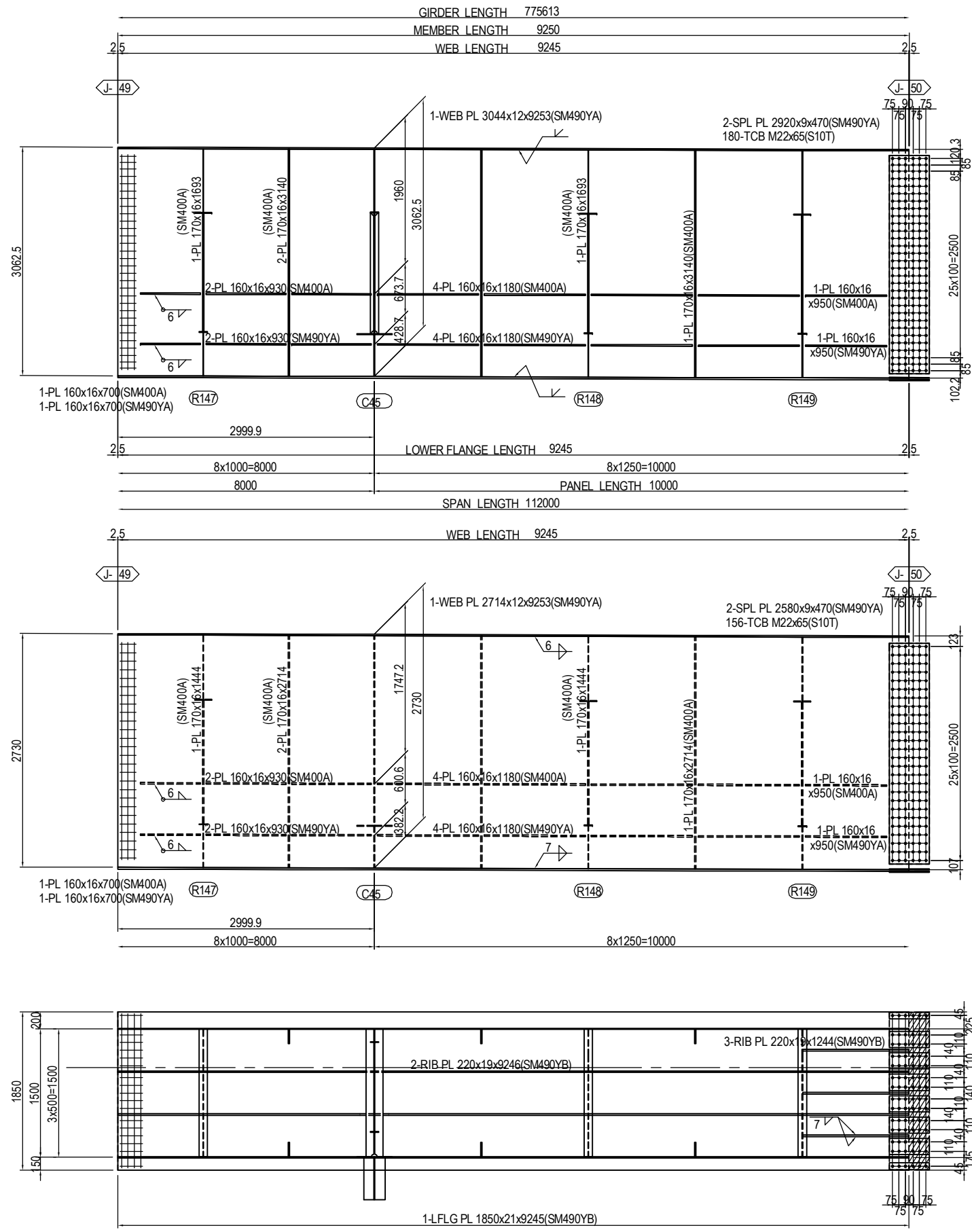
MARKING DIAGRAM



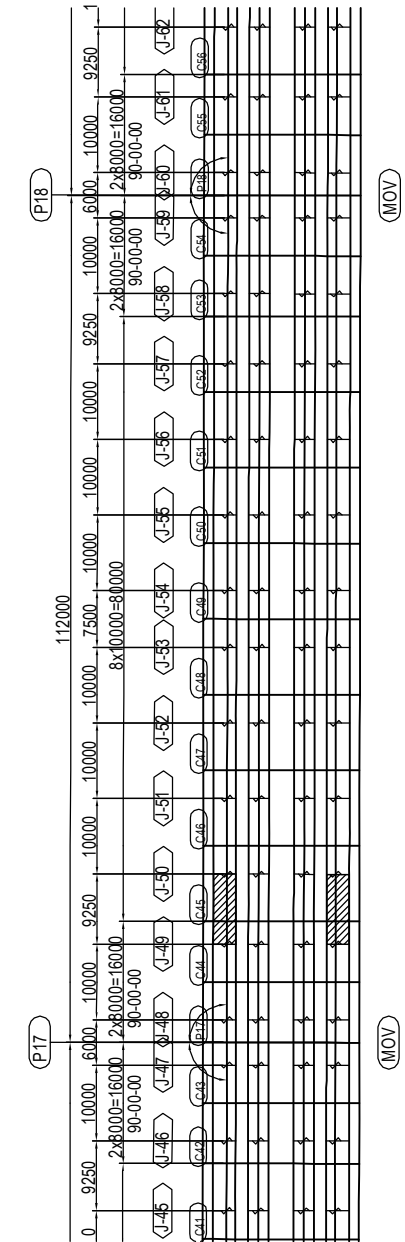
- 2-SPL PL 80x11x620(SM490YA)
 - 3-SPL PL 440x11x620(SM490YA)
 - 1-SPL PL 1840x9x620(SM490YA)
 - 136-TCB M22x95(S10T)
 - 1-FILL PL 1840x19x308(SS400)
- (RIB PLATE per set)
 2-SPL PL 160x11x630(SM490YA)
 16-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA SIGNATURE T. HAYAKAWA DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (49)	PACKAGE 2 DWG No. P2-SB-1149
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (50) S=1:60

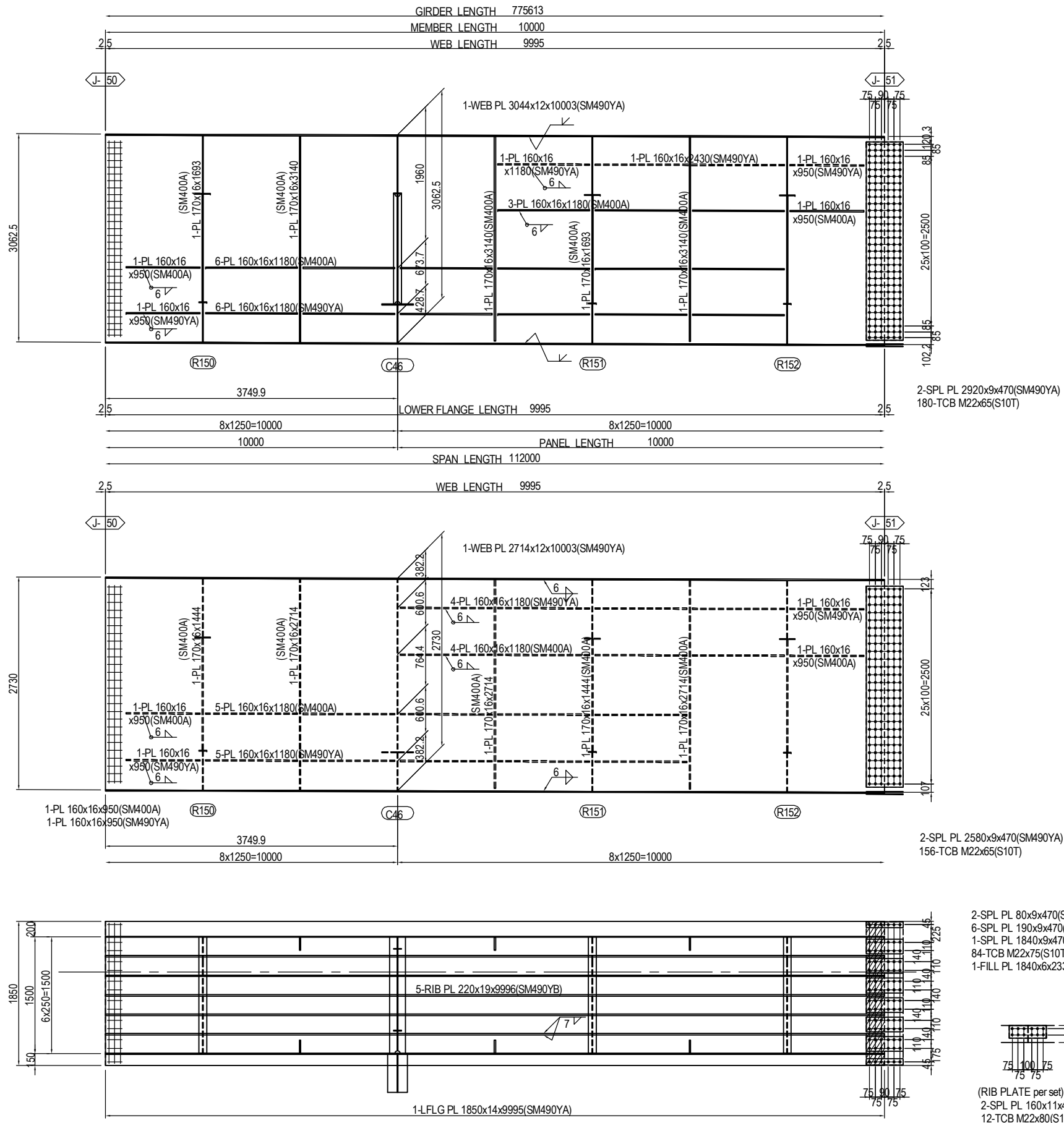


MARKING DIAGRAM

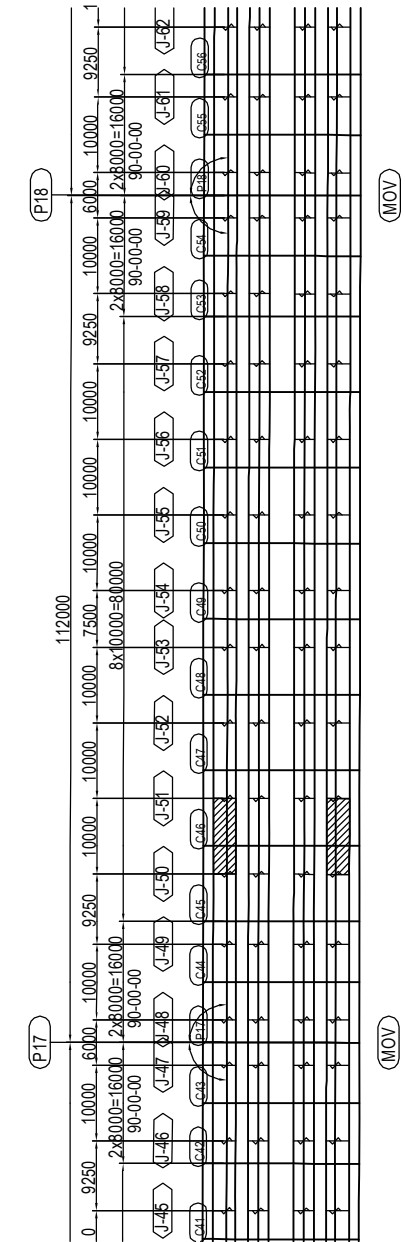


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (50)	PACKAGE 2 DWG No. P2-SB-1150
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (51) S=1:60

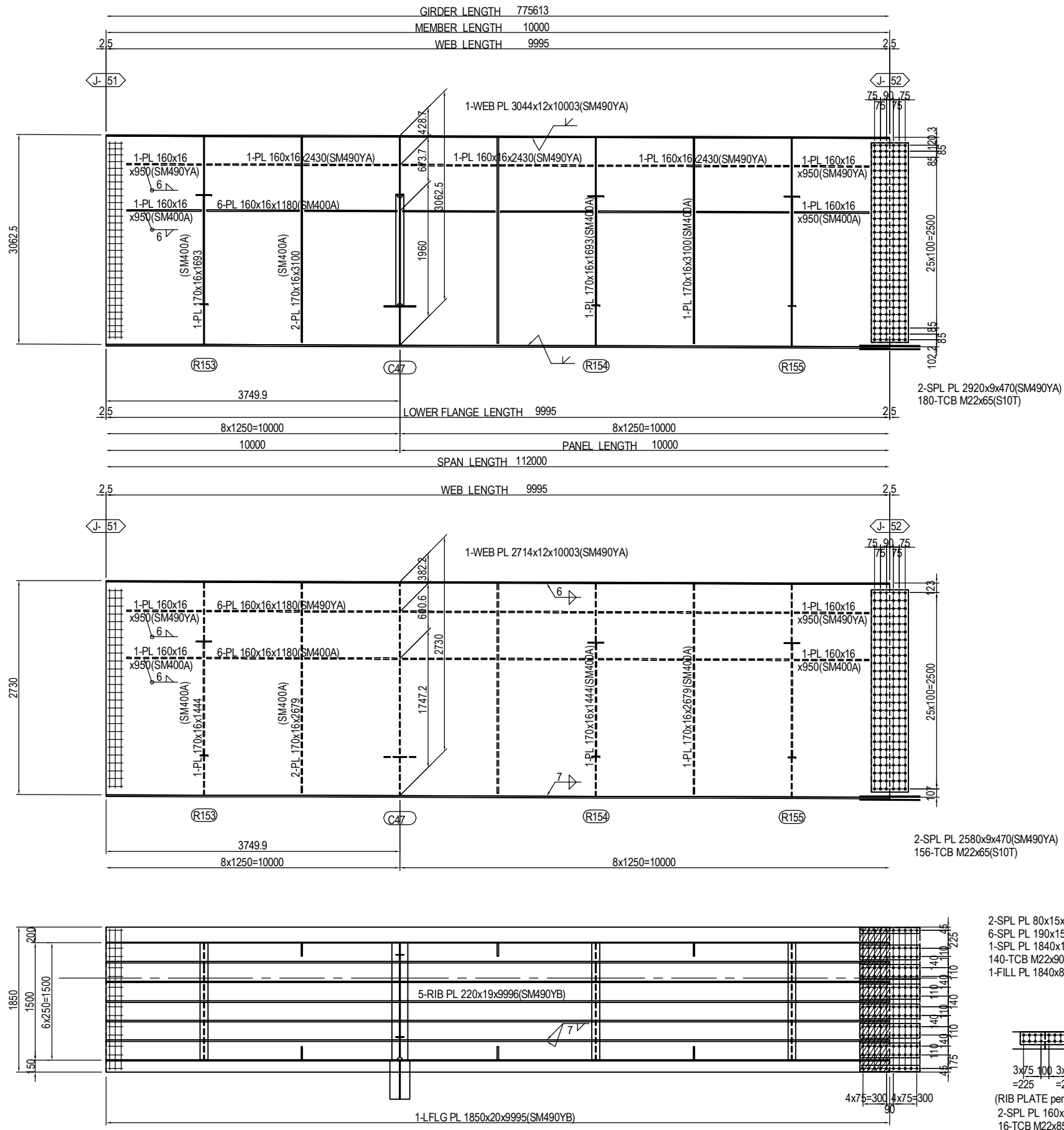


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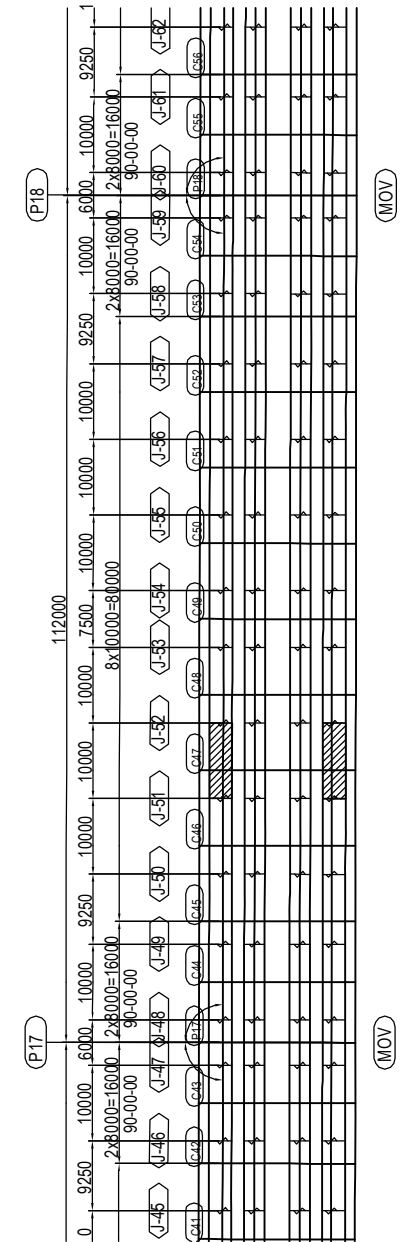


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (51)	PACKAGE 2 DWG No. P2-SB-1151
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (52) S=1:60

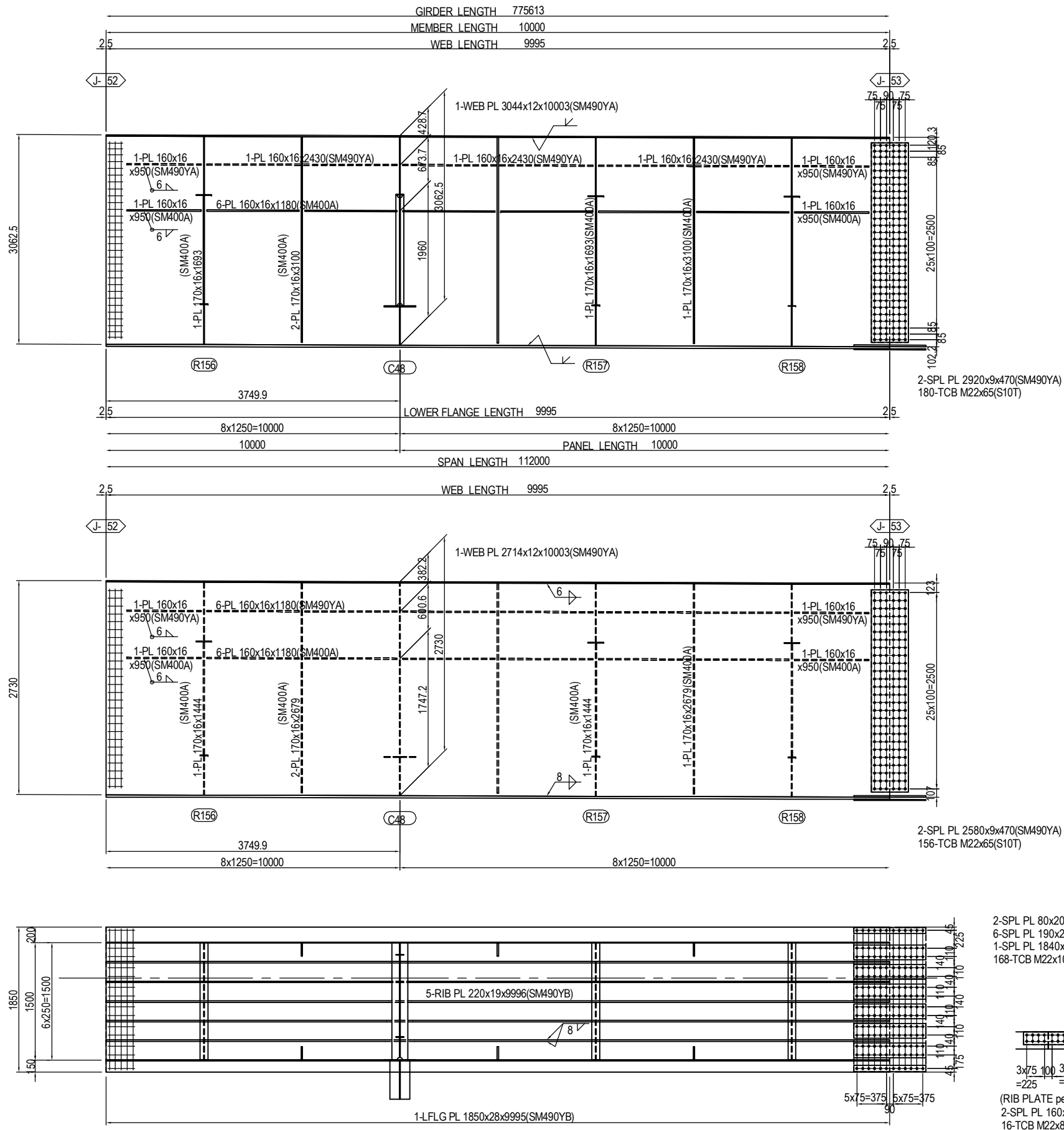


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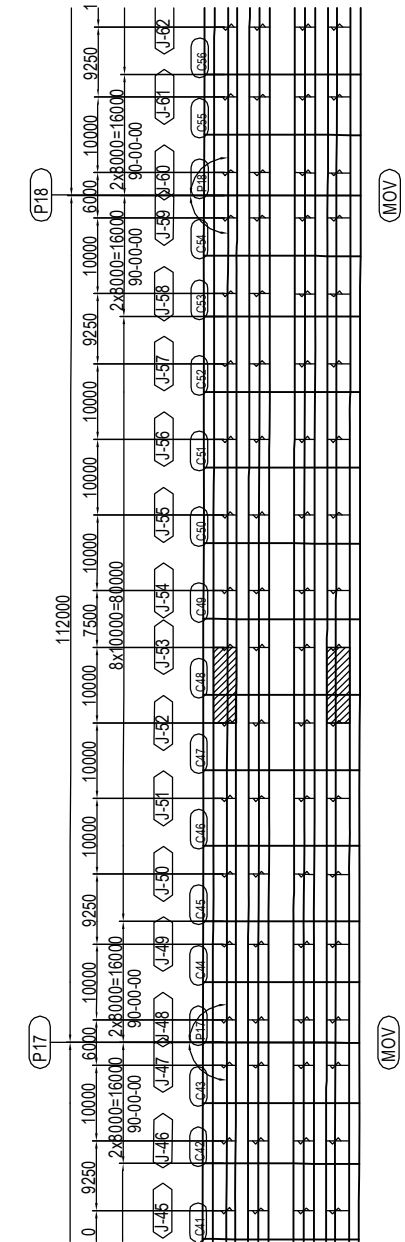


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (52)</h3>	PACKAGE 2 DWG No. P2-SB-1152
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (53) S=1:60

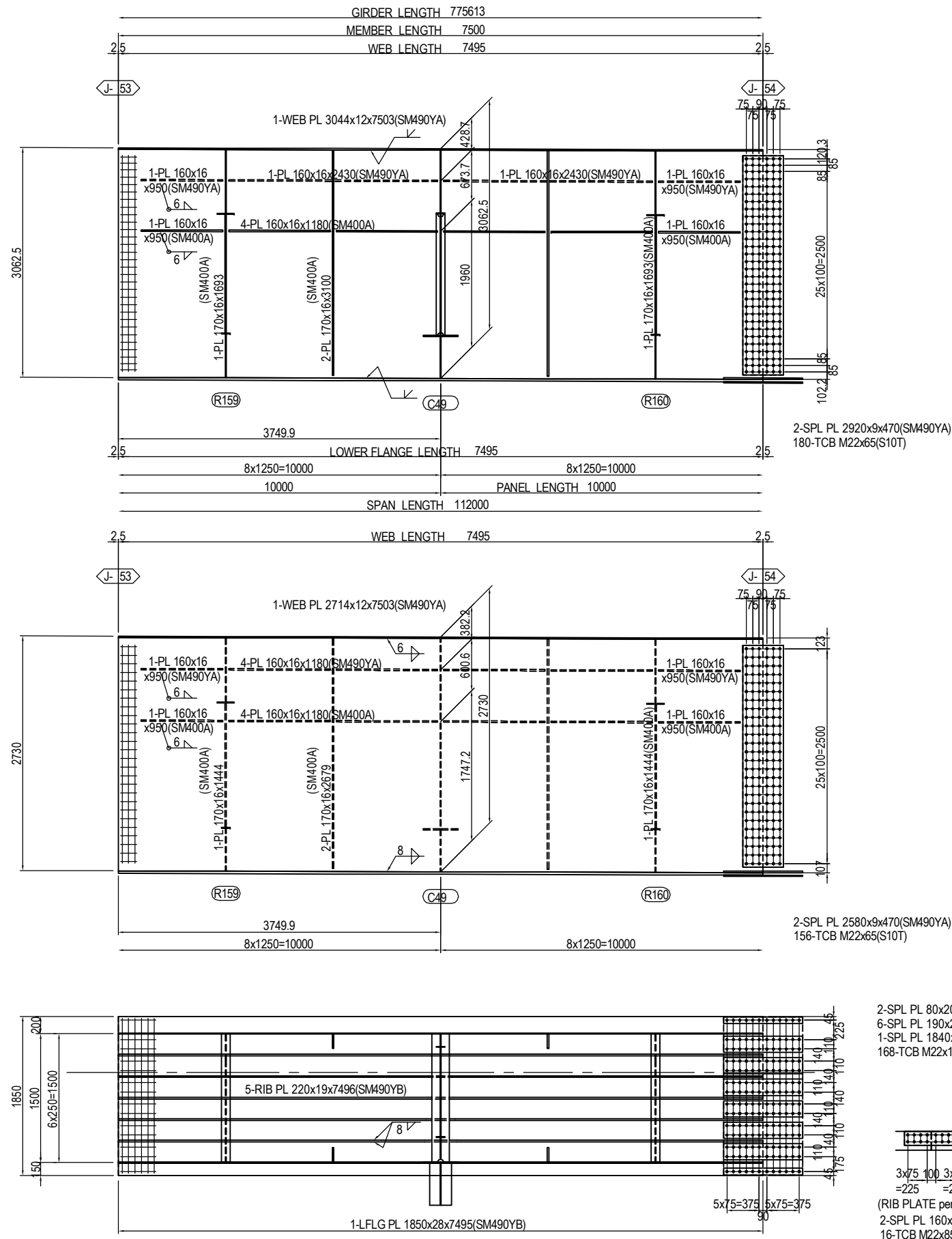


MARKING DIAGRAM

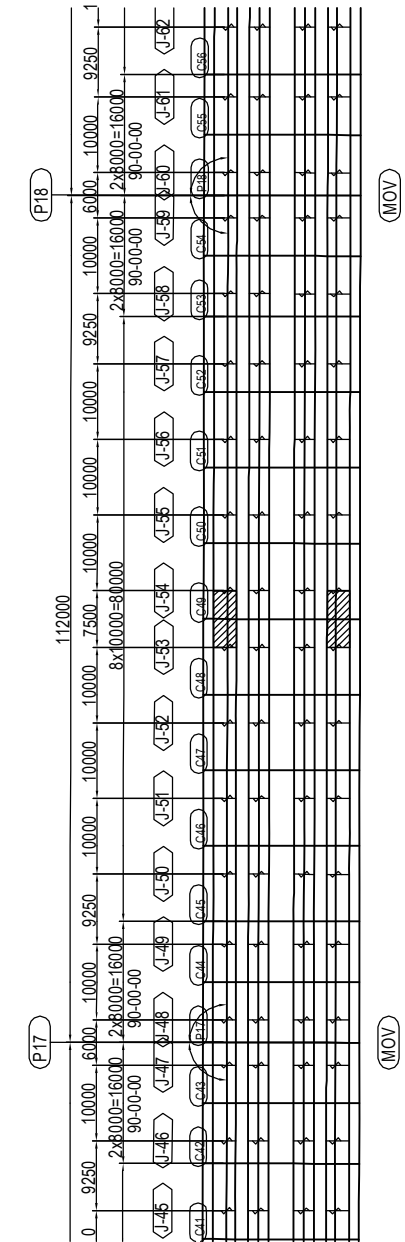


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (53)	PACKAGE 2 DWG No. P2-SB-1153
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (54) S=1:60



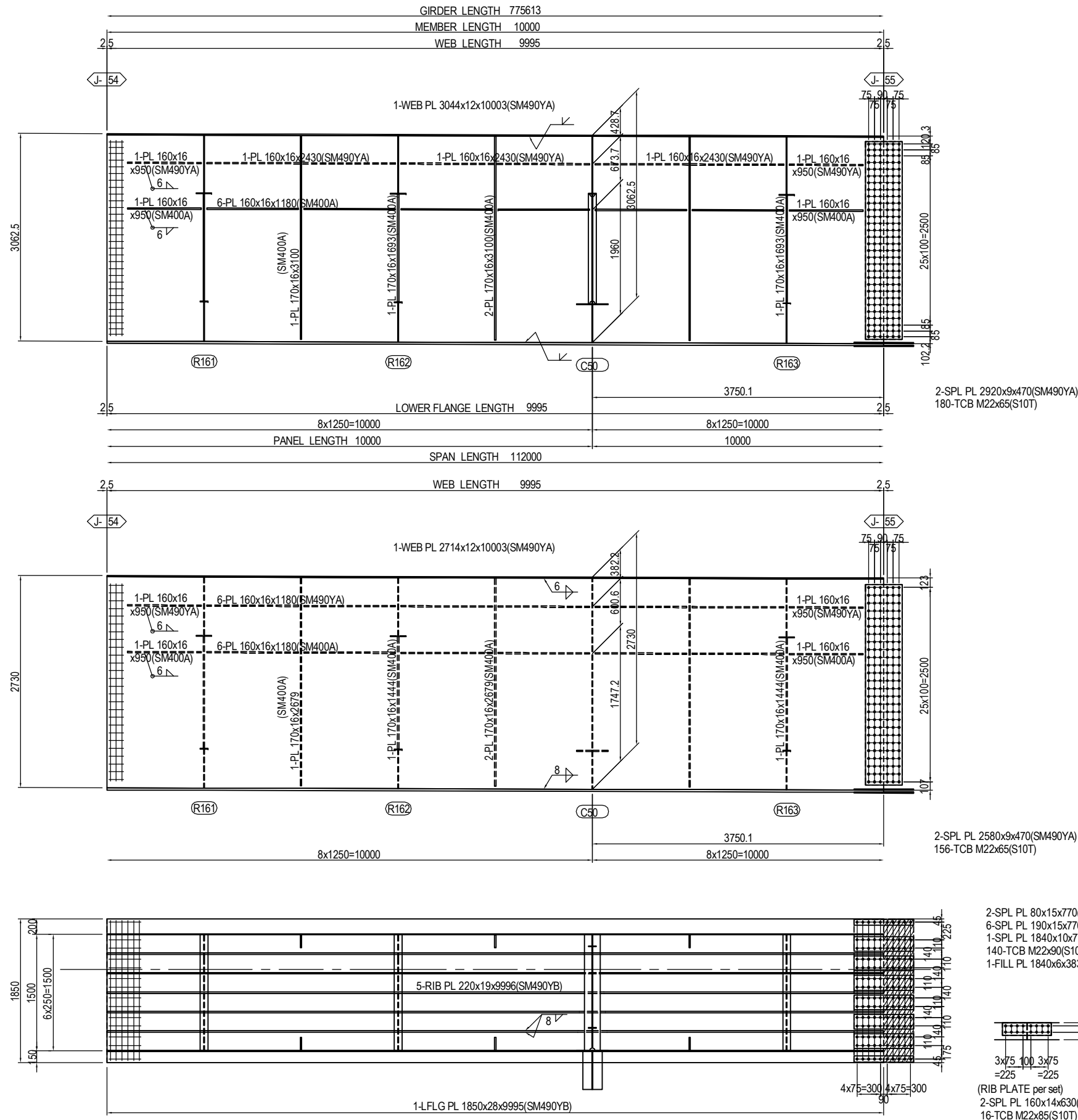
MARKING DIAGRAM



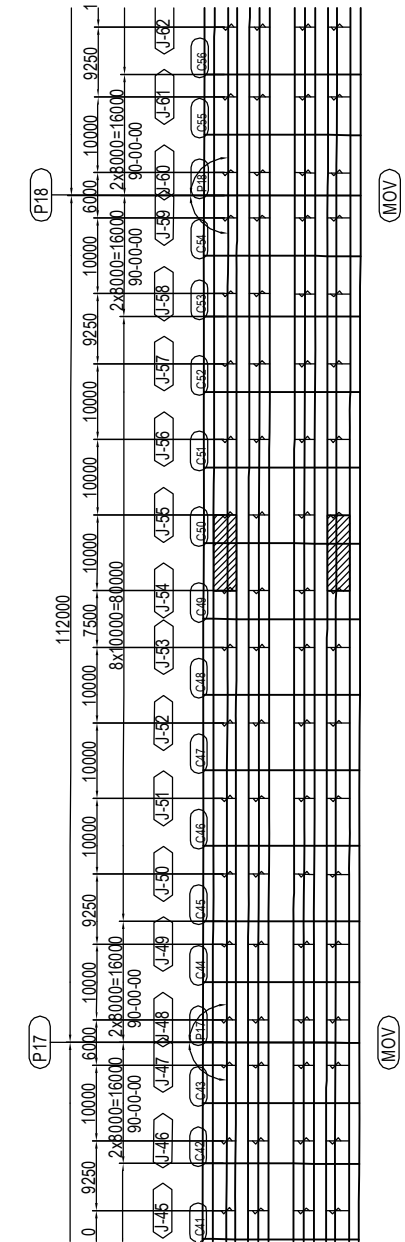
- 2-SPL PL 80x20x920(SM490YB)
 - 6-SPL PL 190x20x920(SM490YB)
 - 1-SPL PL 1840x13x920(SM490YA)
 - 168-TCB M22x100(S10T)
-
- 3x75 100 3x75
=225 =225
(RIB PLATE per set)
2-SPL PL 160x14x630(SM490YA)
16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (54)	PACKAGE 2 DWG No. P2-SB-1154
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (55) S=1:60

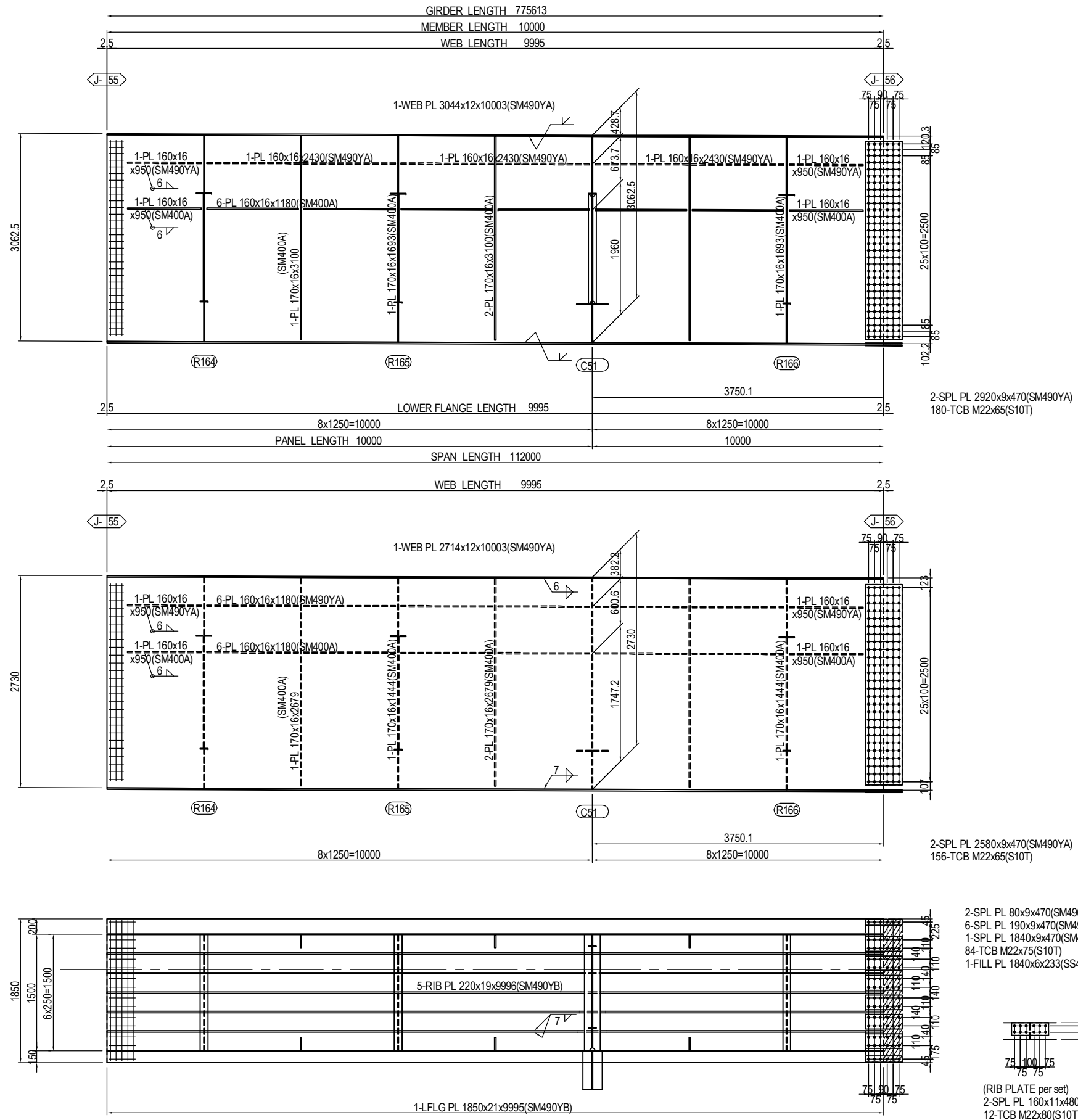


MARKING DIAGRAM

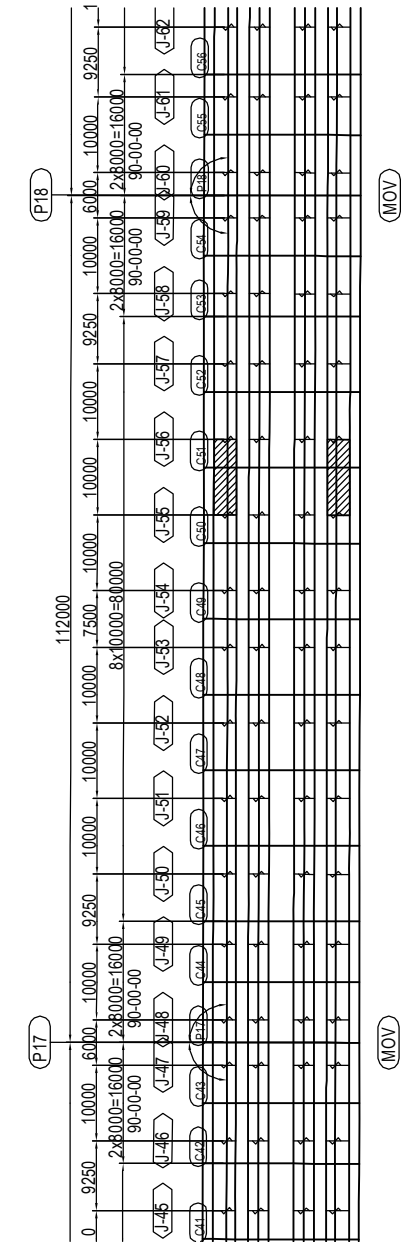


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (55)	PACKAGE 2 DWG No. P2-SB-1155
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (56) S=1:60

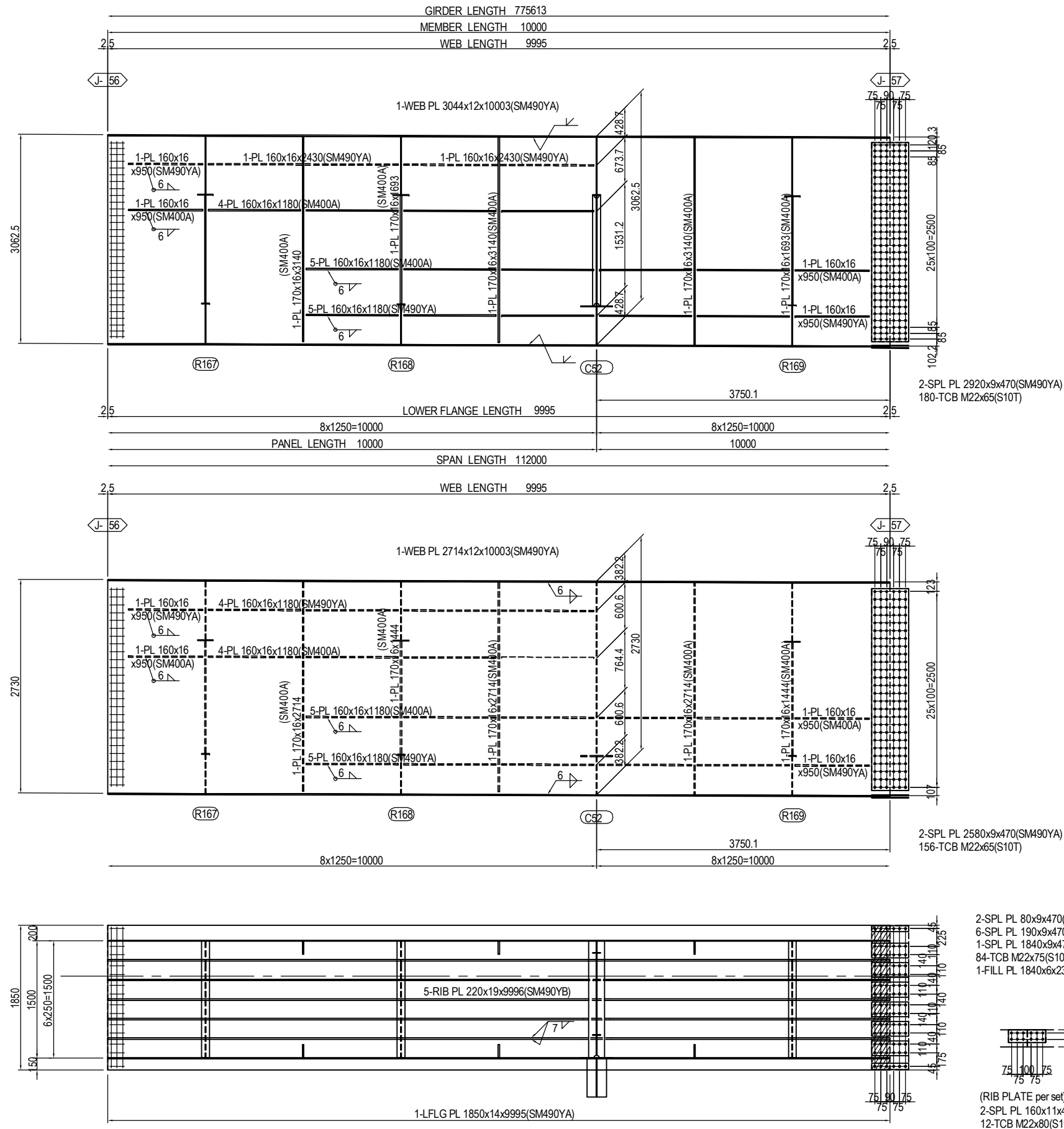


MARKING DIAGRAM

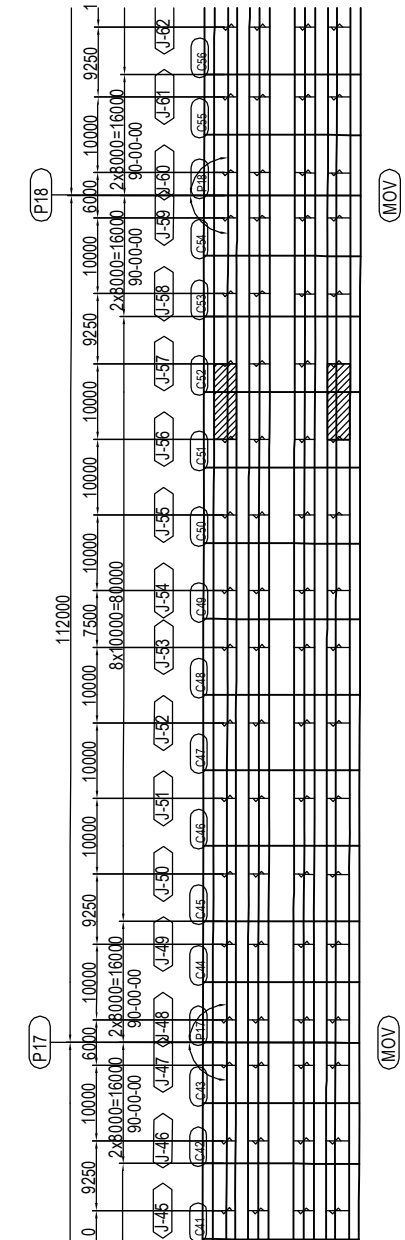


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (56)	PACKAGE 2 DWG No. P2-SB-1156
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (57) S=1:60

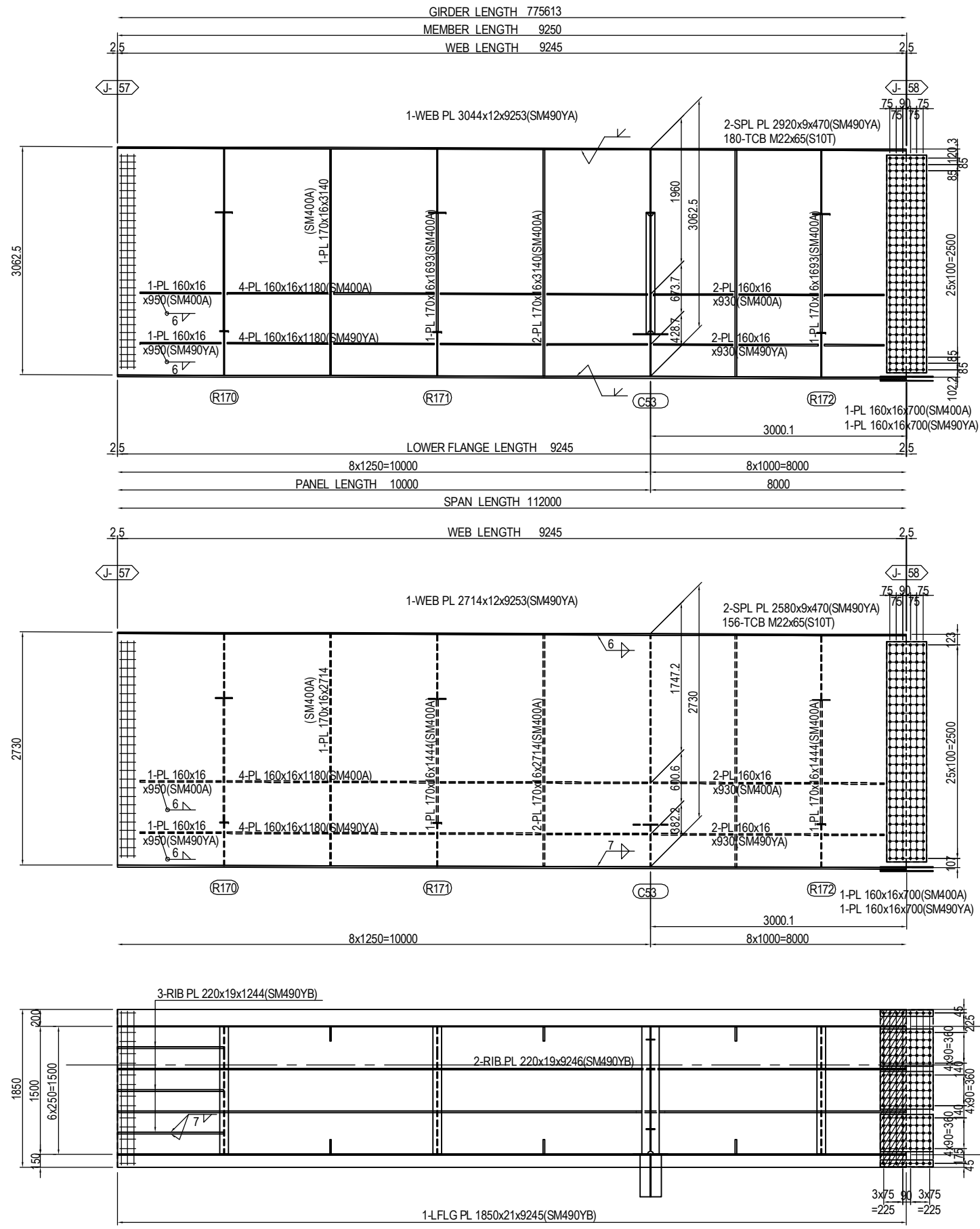


MARKING DIAGRAM

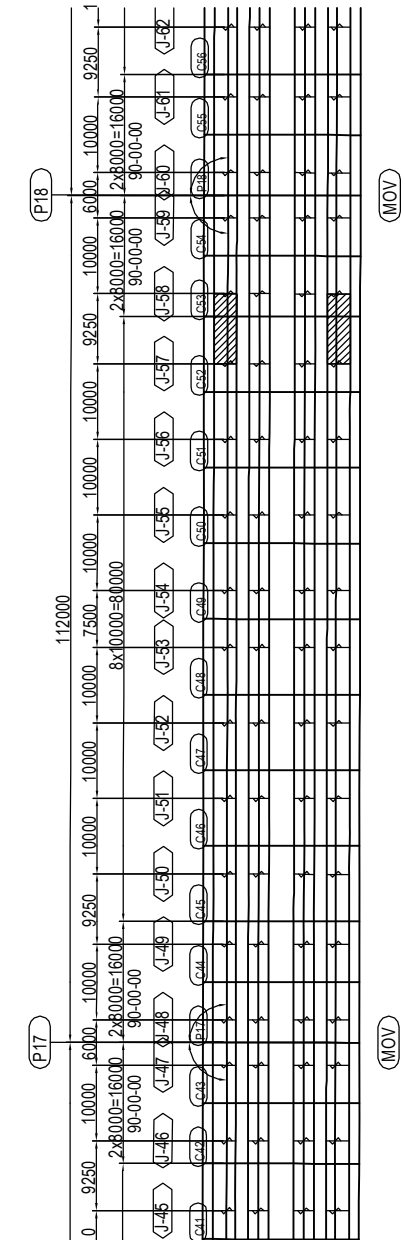


<p>PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT</p>	<p>FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE</p>	<p>JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">NAME</td> <td style="width: 20%;">SIGNATURE</td> <td style="width: 20%;">DATE</td> </tr> <tr> <td>PREPARED BY S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		15 Jun.2017	CHECKED BY T. HAYAKAWA		20 Jun.2017	APPROVED BY Y. SANO		21 Jun.2017	<p>DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (57)</p>	<p>PACKAGE 2 DWG No. P2-SB-1157</p>
NAME	SIGNATURE	DATE																
PREPARED BY S. IMADA		15 Jun.2017																
CHECKED BY T. HAYAKAWA		20 Jun.2017																
APPROVED BY Y. SANO		21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (58) S=1:60

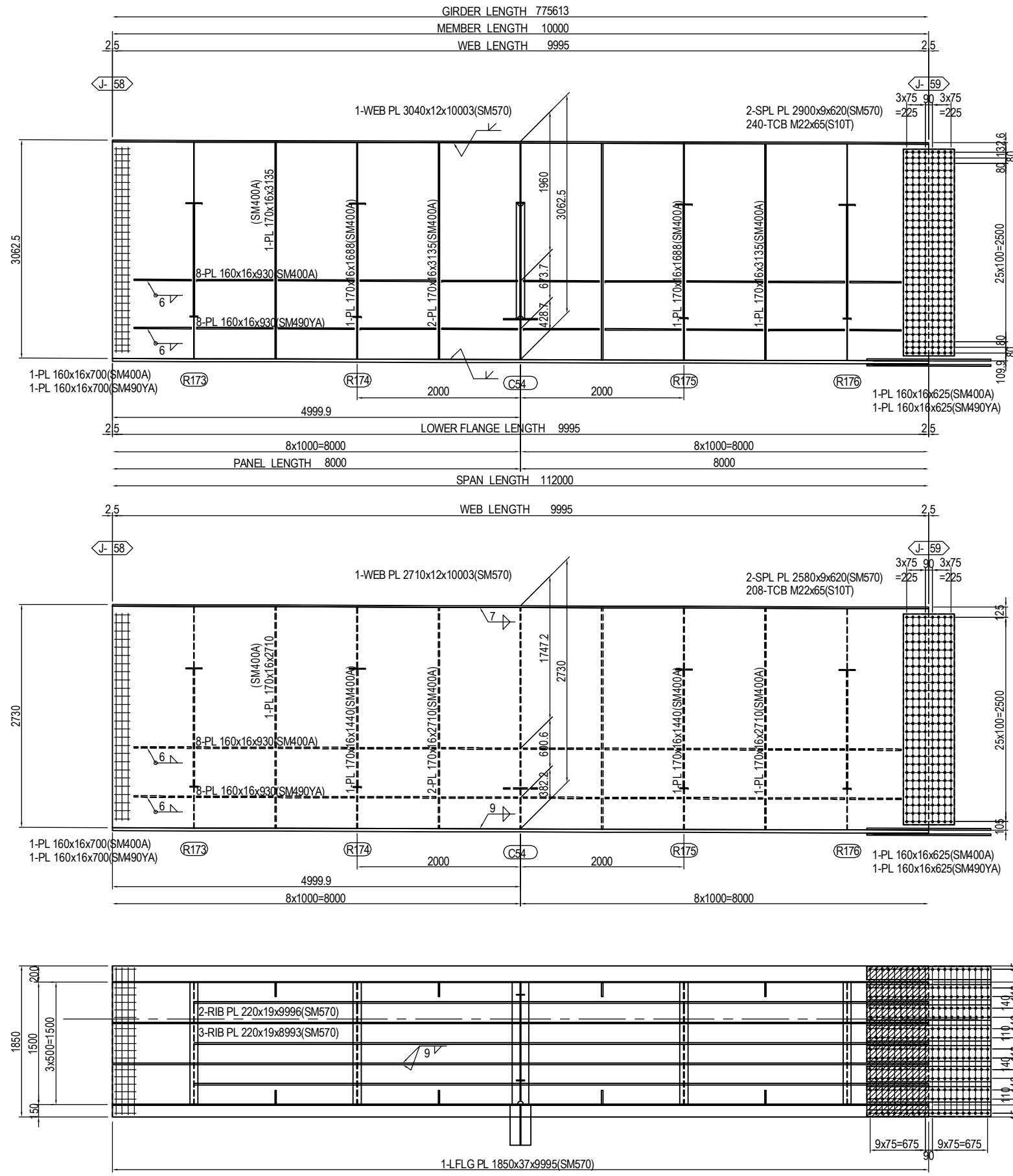


MARKING DIAGRAM

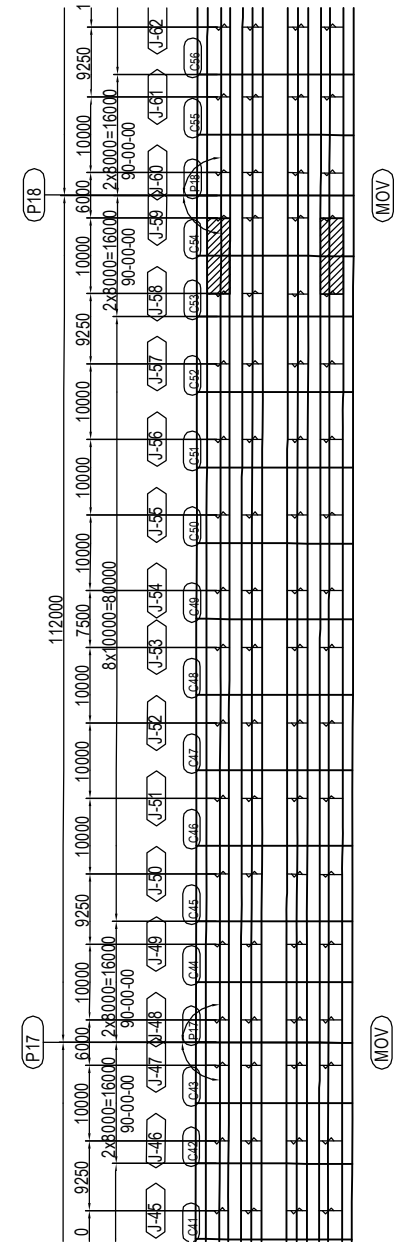


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE			
				PREPARED BY	S. IMADA				15 Jun.2017	DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (58)	2
				CHECKED BY	T. HAYAKAWA				20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO				21 Jun.2017		P2-SB-1158

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (59) S=1:60

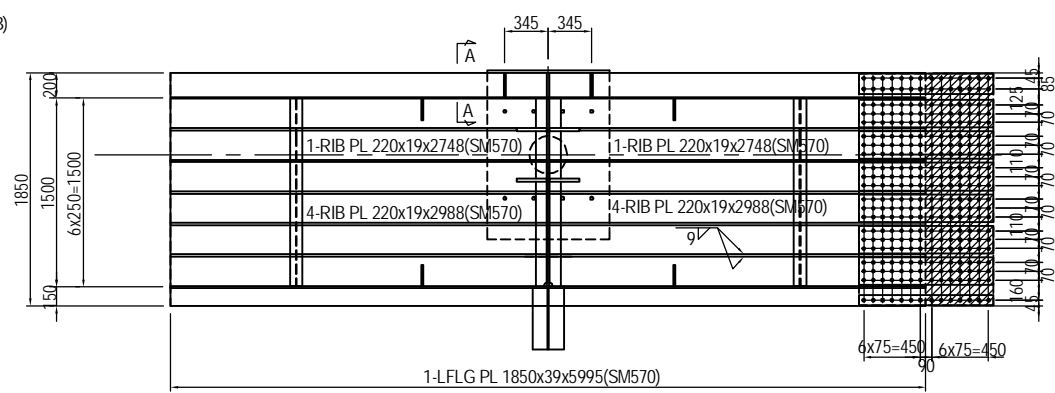
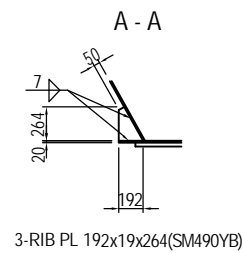
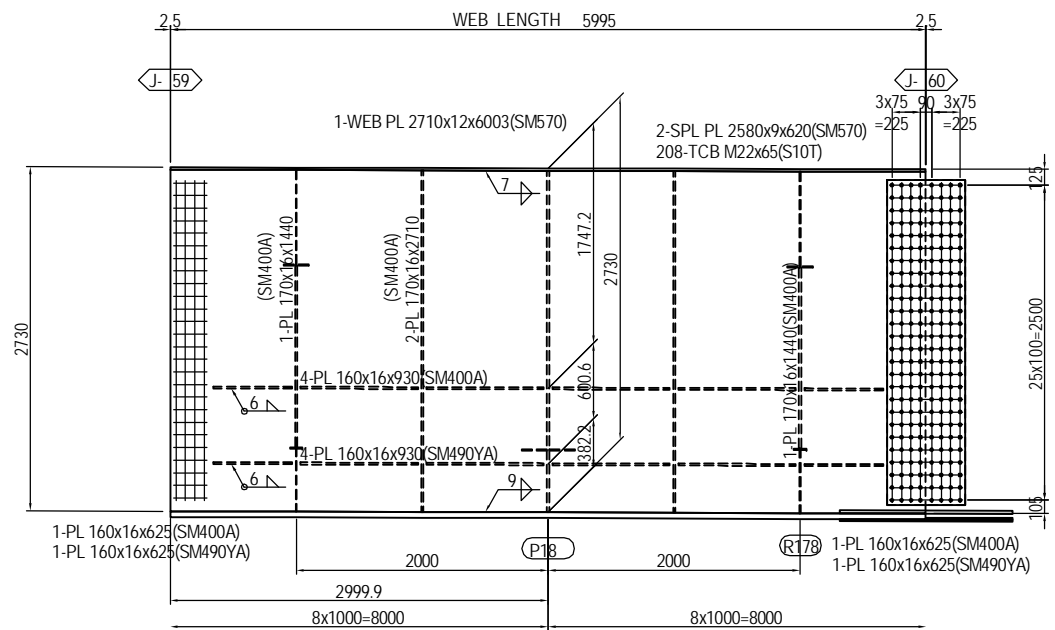
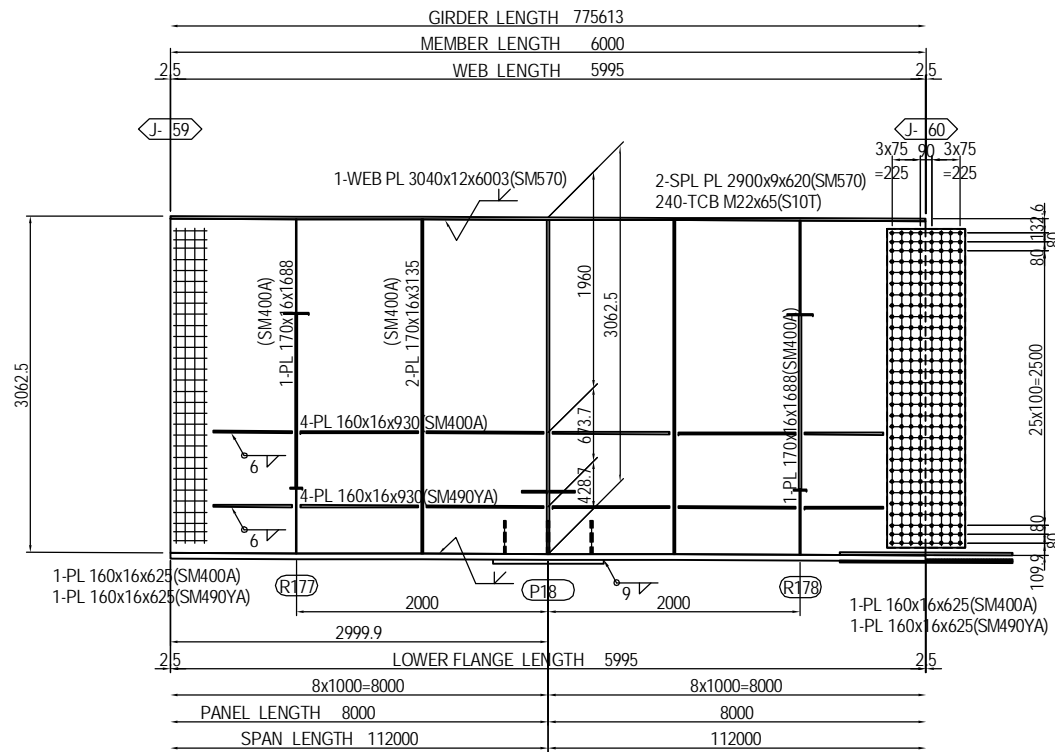


MARKING DIAGRAM

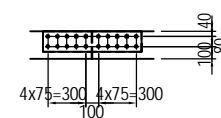


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (59)	PACKAGE 2 DWG No. P2-SB-1159
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (60) S=1:60

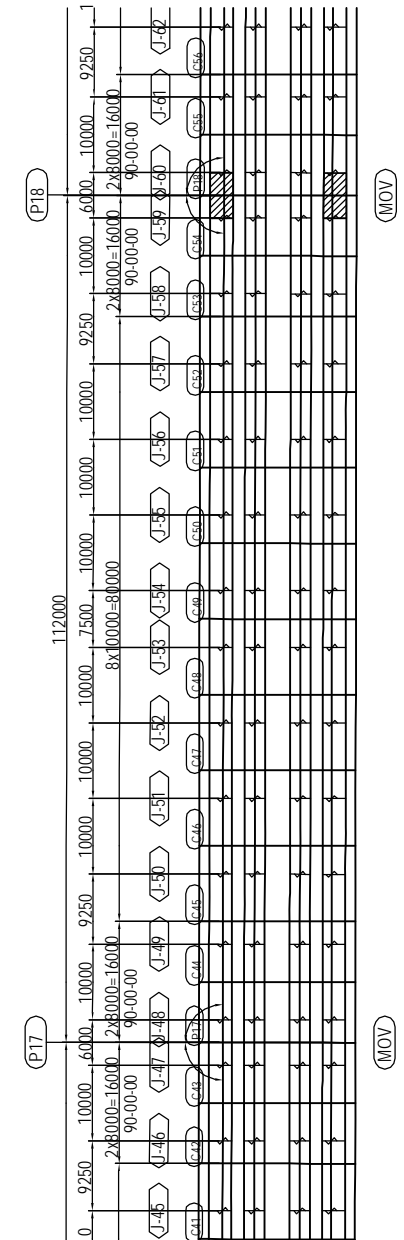


- 1-SPL PL 165x22x1070(SM570)
- 6-SPL PL 220x22x1070(SM570)
- 1-SPL PL 80x22x1070(SM570)
- 1-SPL PL 1840x16x1070(SM570)
- 294-TCB M22x115(S10T)
- 1-FILL PL 1840x6x533(SS400)



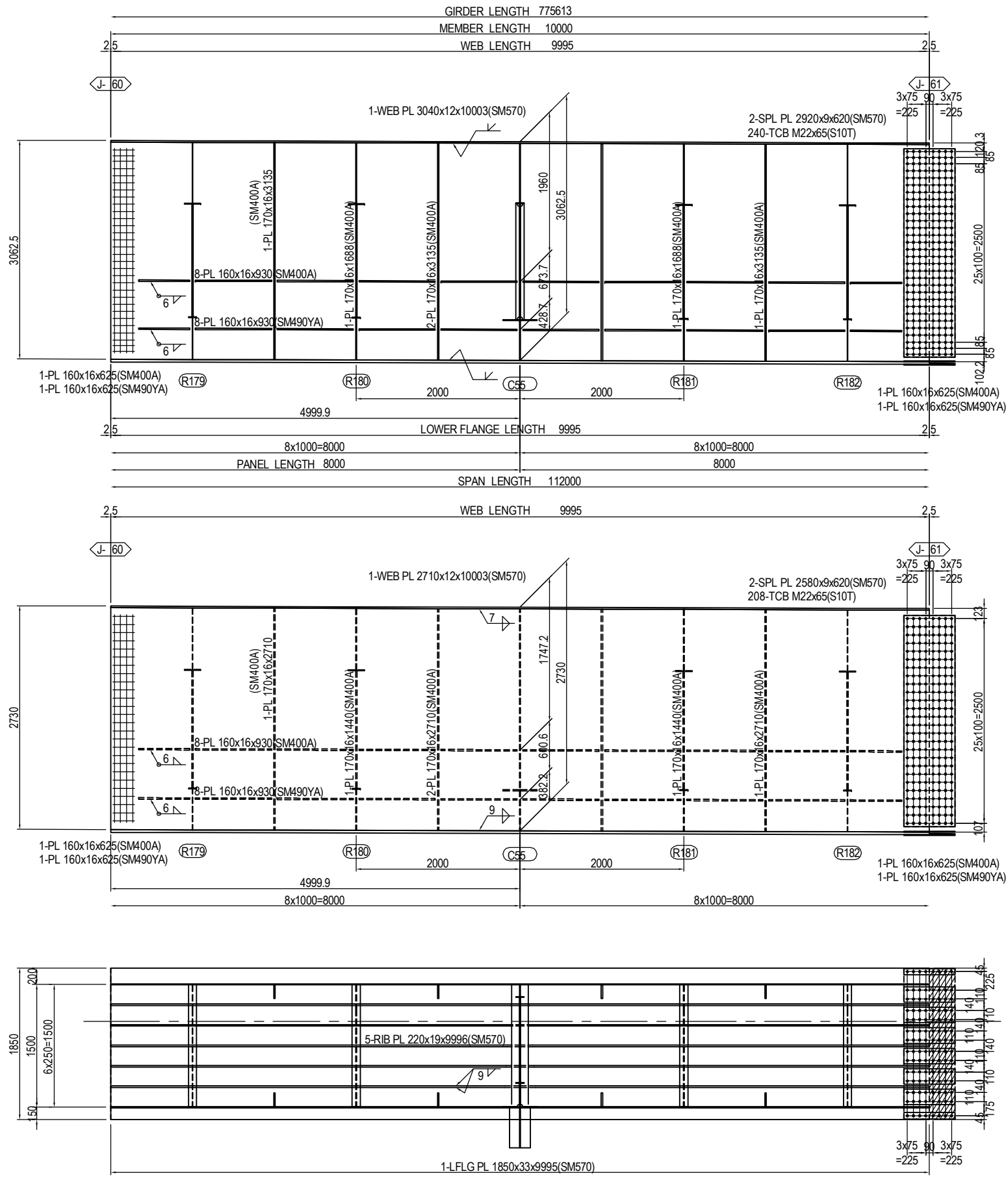
- (RIB PLATE per set)
- 2-SPL PL 160x11x780(SM570)
- 20-TCB M22x80(S10T)

MARKING DIAGRAM

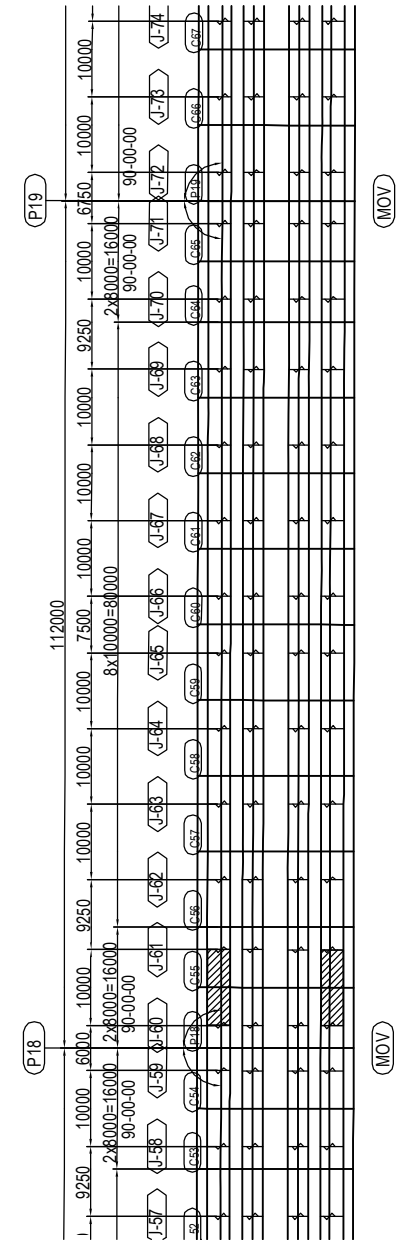


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (60)	PACKAGE 2
				CHECKED BY T. HAYAKAWA		20 Jun.2017		DWG No.
				APPROVED BY Y. SANO		21 Jun.2017		P2-SB-1160

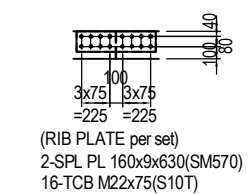
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (61) S=1:60



MARKING DIAGRAM

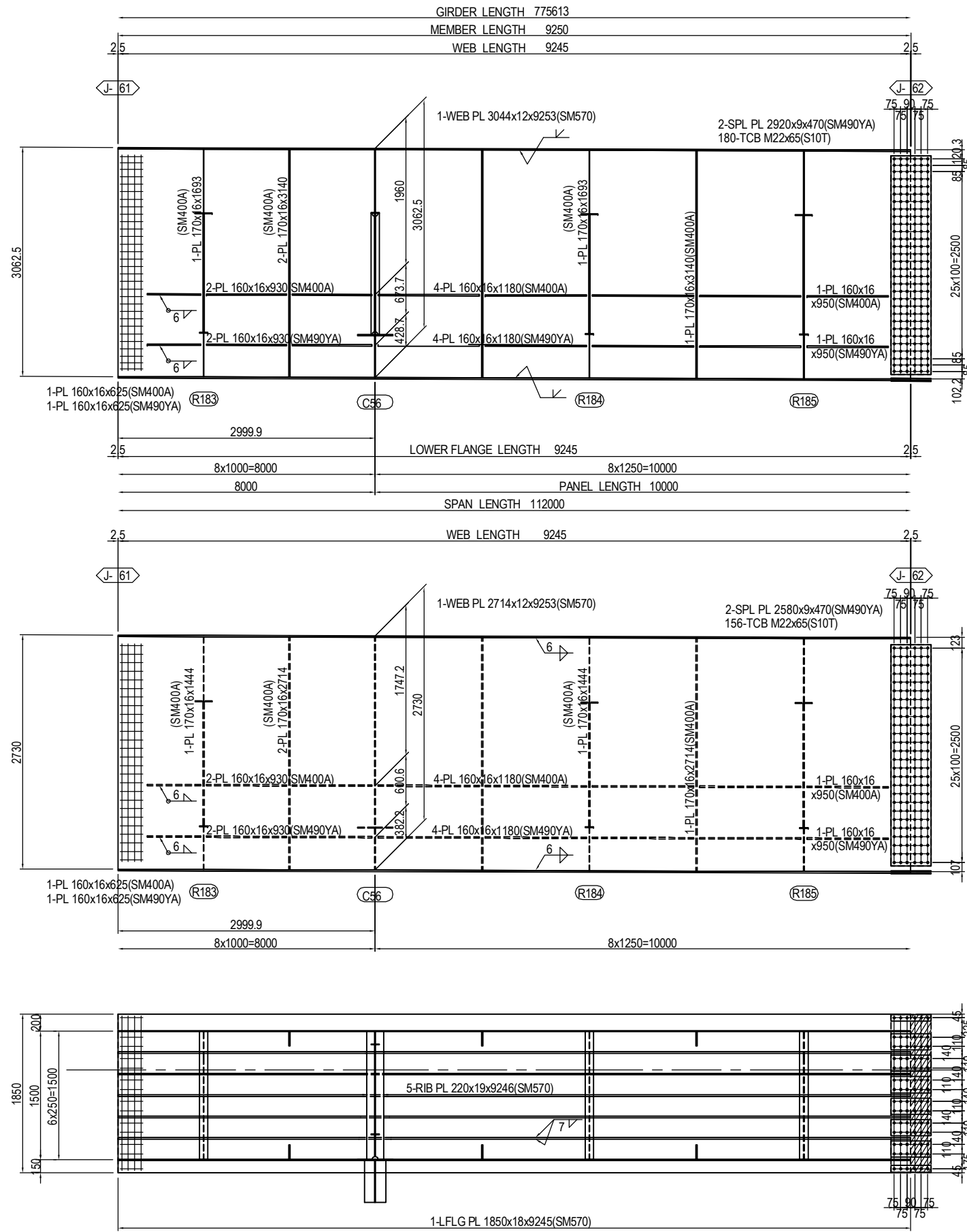


- 2-SPL PL 80x9x620(SM570)
- 6-SPL PL 190x9x620(SM570)
- 1-SPL PL 1840x9x620(SM570)
- 112-TCB M22x90(S10T)
- 1-FILL PL 1840x15x308(SS400)

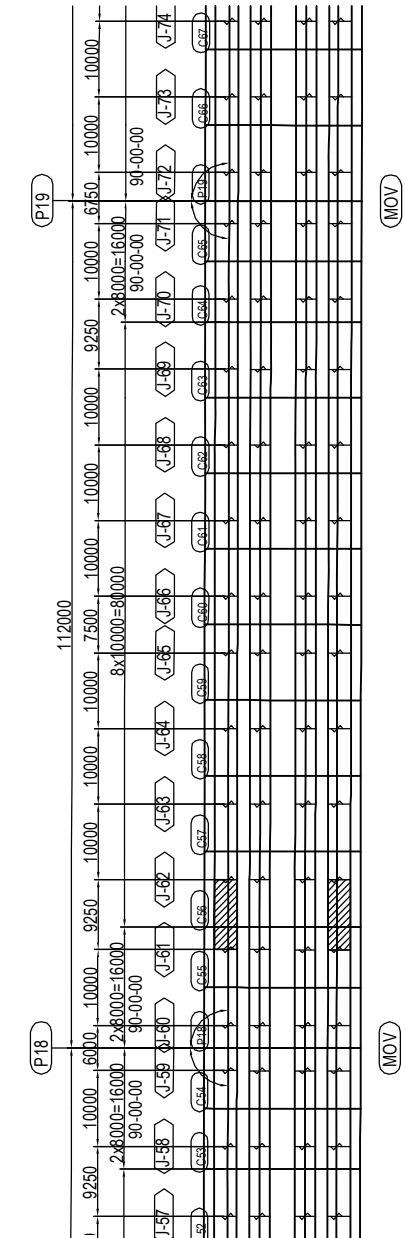


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (61)	PACKAGE 2 DWG No. P2-SB-1161
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (62) S=1:60



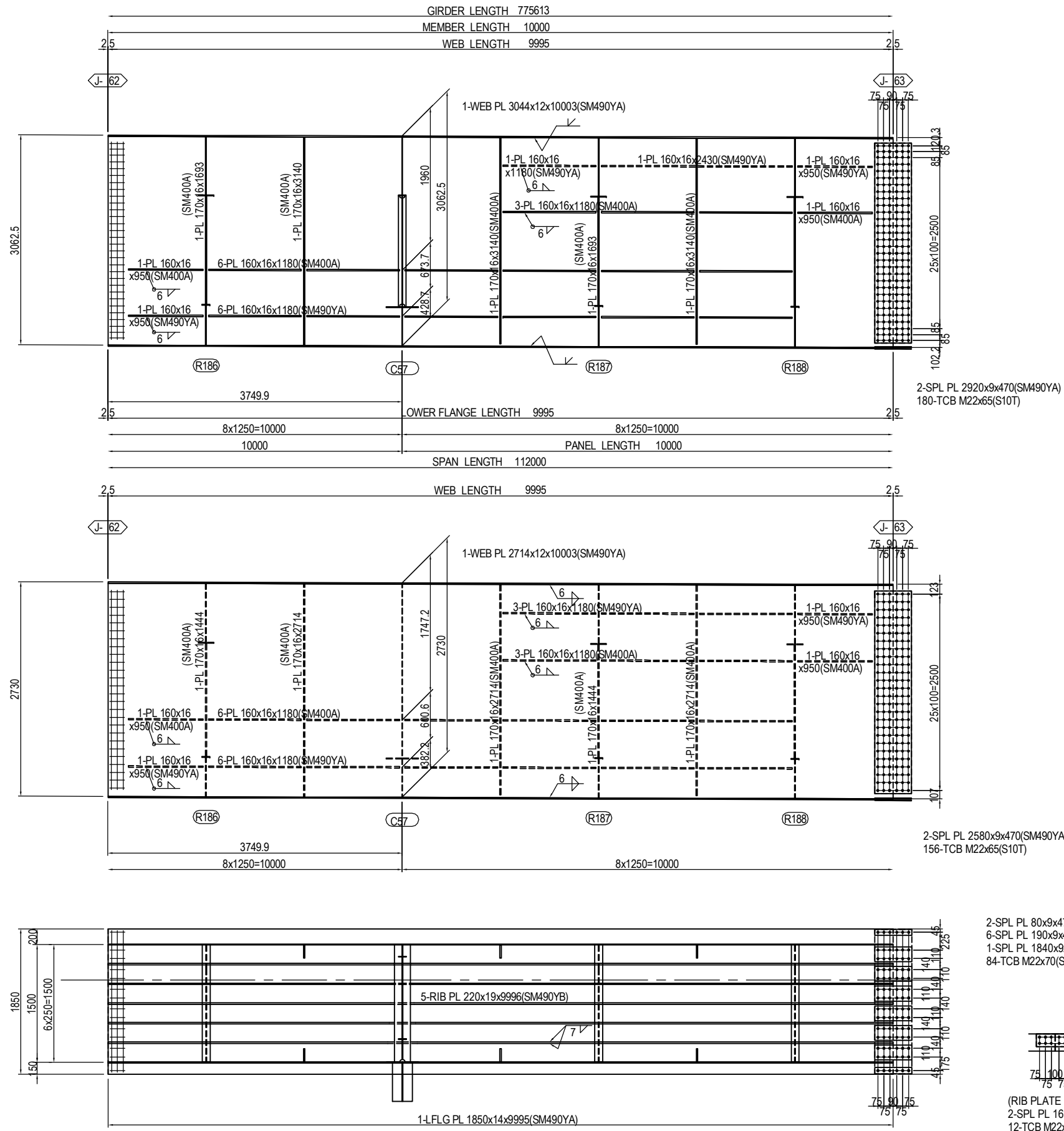
MARKING DIAGRAM



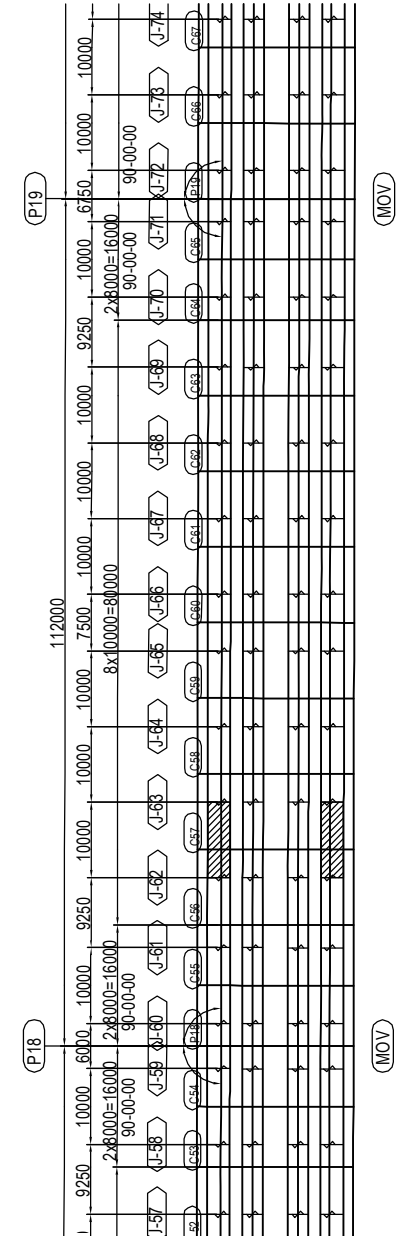
- 2-SPL PL 80x9x470(SM490YA)
 - 6-SPL PL 190x9x470(SM490YA)
 - 1-SPL PL 1840x9x470(SM490YA)
 - 84-TCB M22x75(S10T)
 - 1-FILL PL 1840x4.5x233(SS400)
-
- (RIB PLATE per set)
2-SPL PL 160x11x480(SM490YA)
12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (62)	PACKAGE 2 DWG No. P2-SB-1162
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

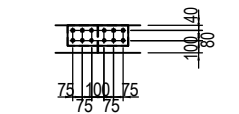
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (63) S=1:60



MARKING DIAGRAM



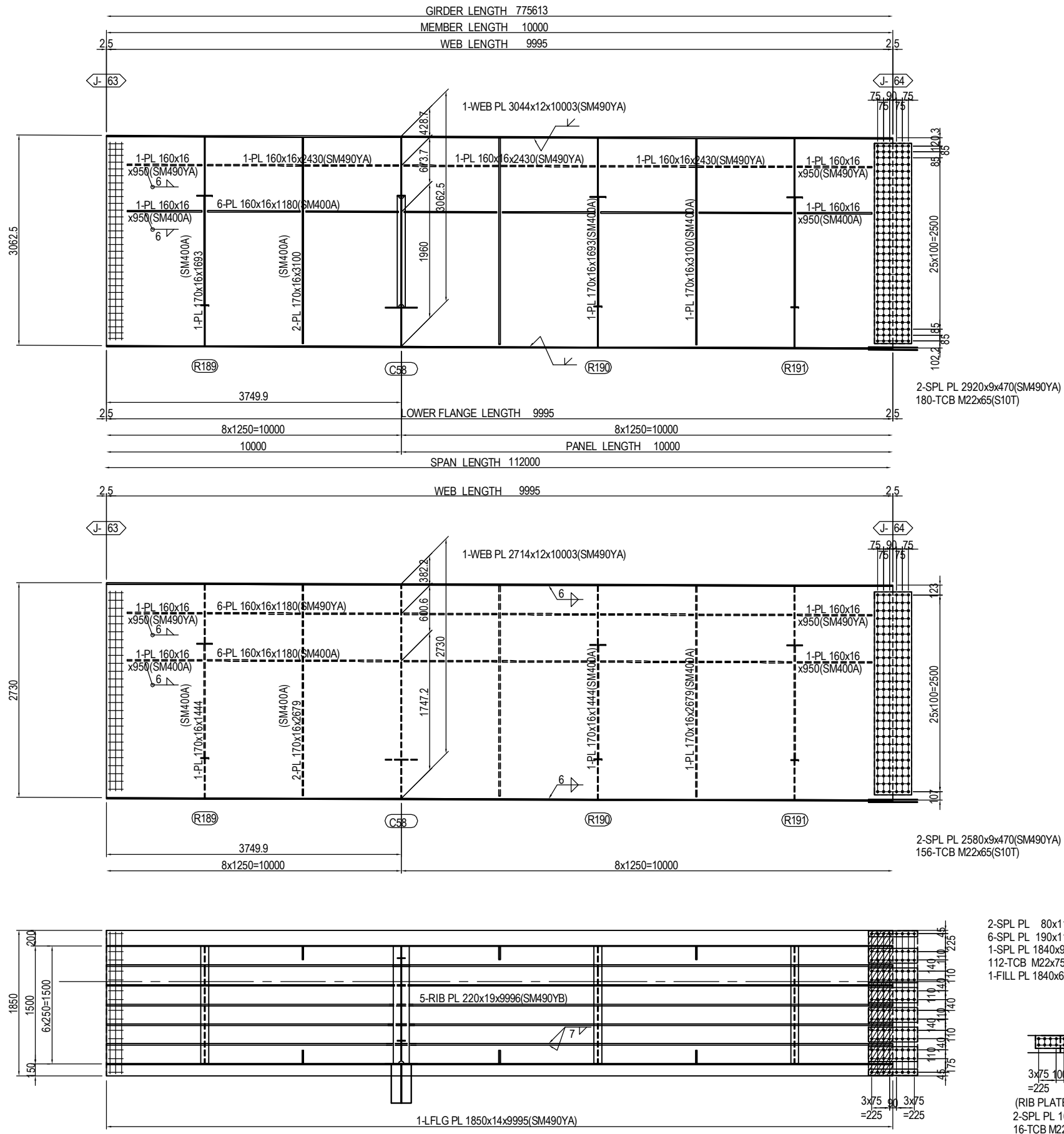
- 2-SPL PL 80x9x470(SM490YA)
- 6-SPL PL 190x9x470(SM490YA)
- 1-SPL PL 1840x9x470(SM490YA)
- 84-TCB M22x70(S10T)



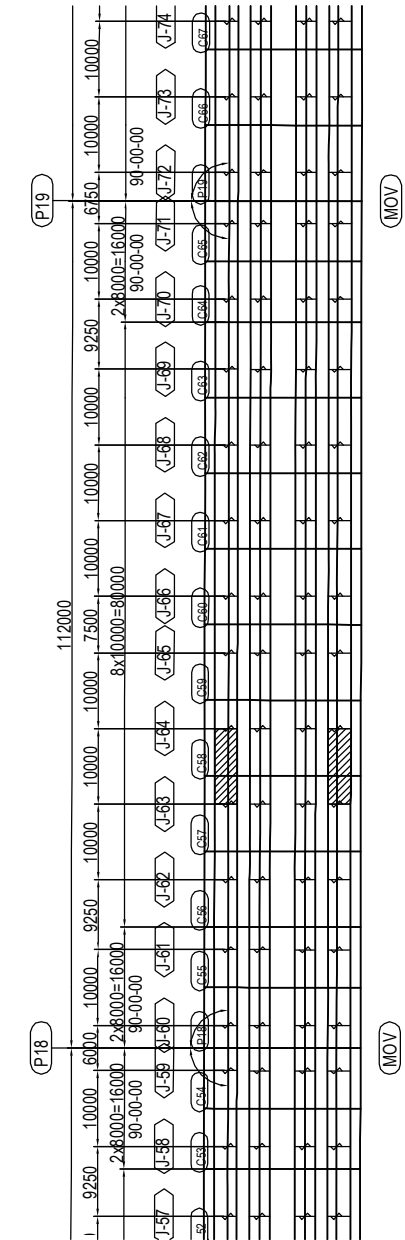
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (63)	PACKAGE 2 DWG No. P2-SB-1163
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

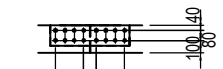
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (64) S=1:60



MARKING DIAGRAM



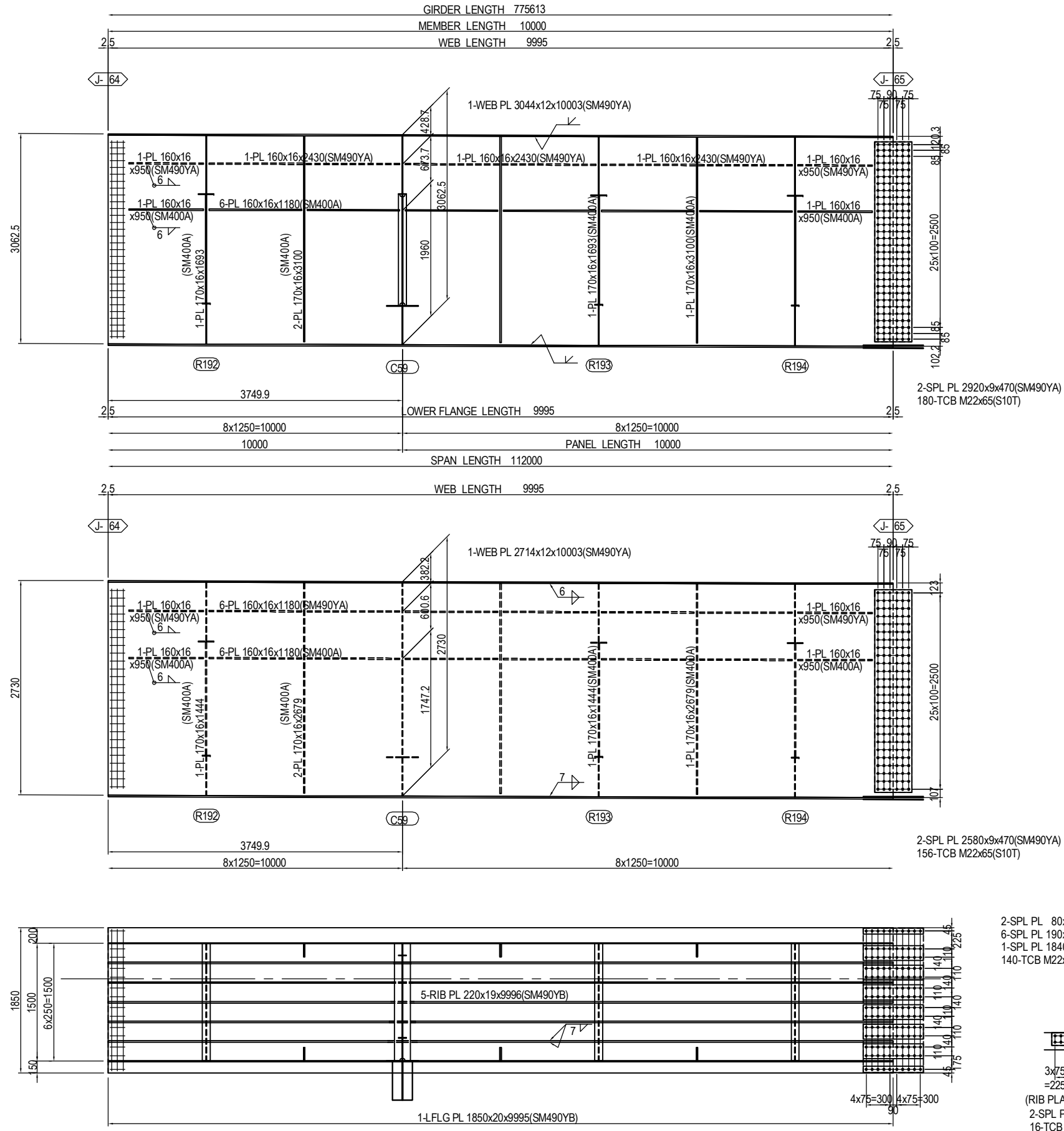
- 2-SPL PL 80x11x620(SM490YA)
- 6-SPL PL 190x11x620(SM490YA)
- 1-SPL PL 1840x9x620(SM490YA)
- 112-TCB M22x75(S10T)
- 1-FILL PL 1840x6x308(SS400)



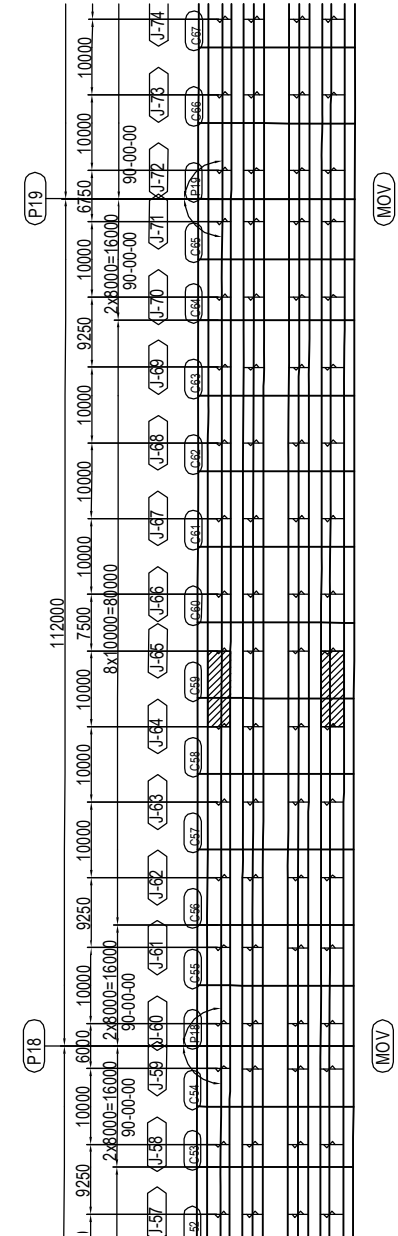
- (RIB PLATE per set)
- 2-SPL PL 160x14x630(SM490YA)
- 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (64)	PACKAGE 2 DWG No. P2-SB-1164
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (65) S=1:60

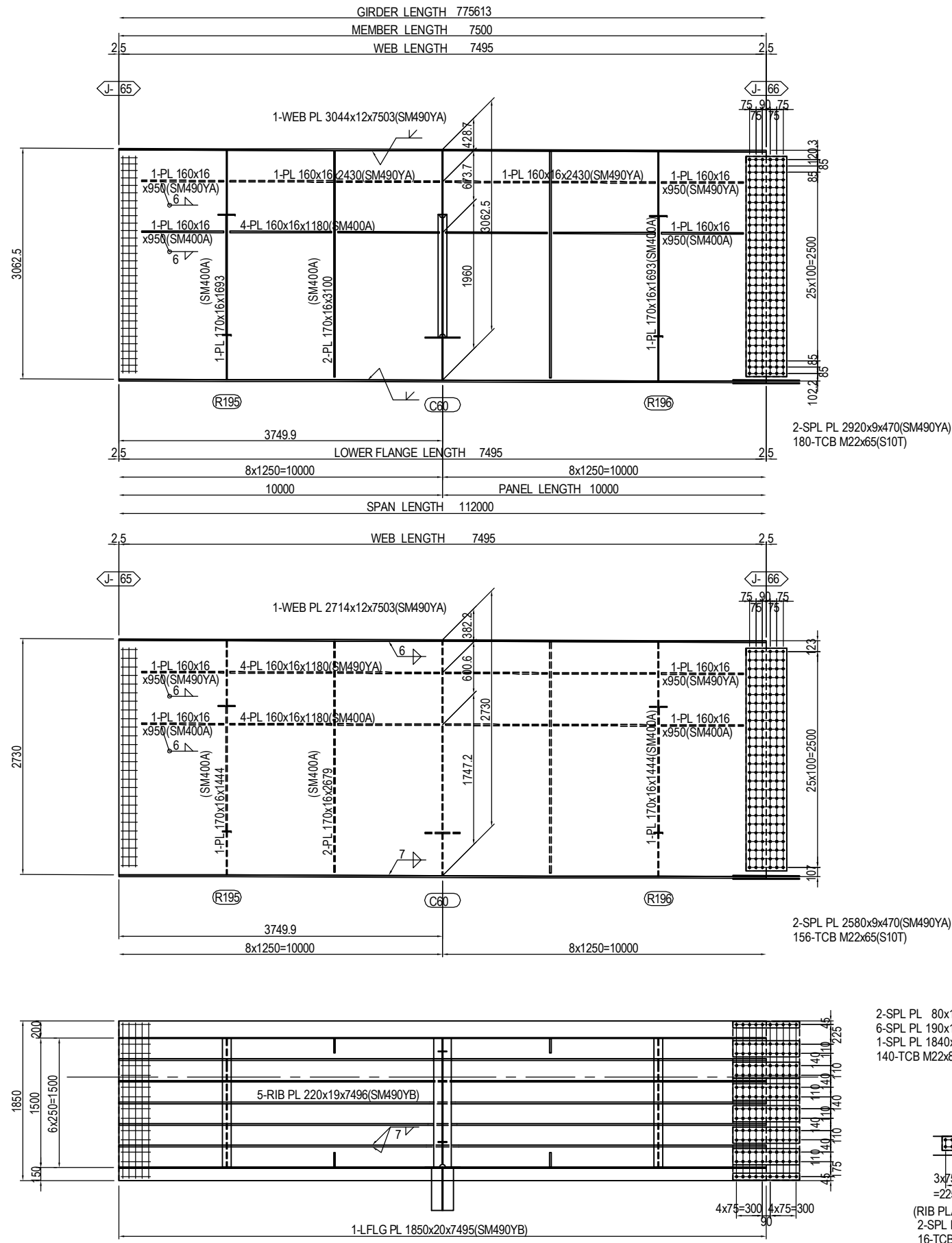


MARKING DIAGRAM

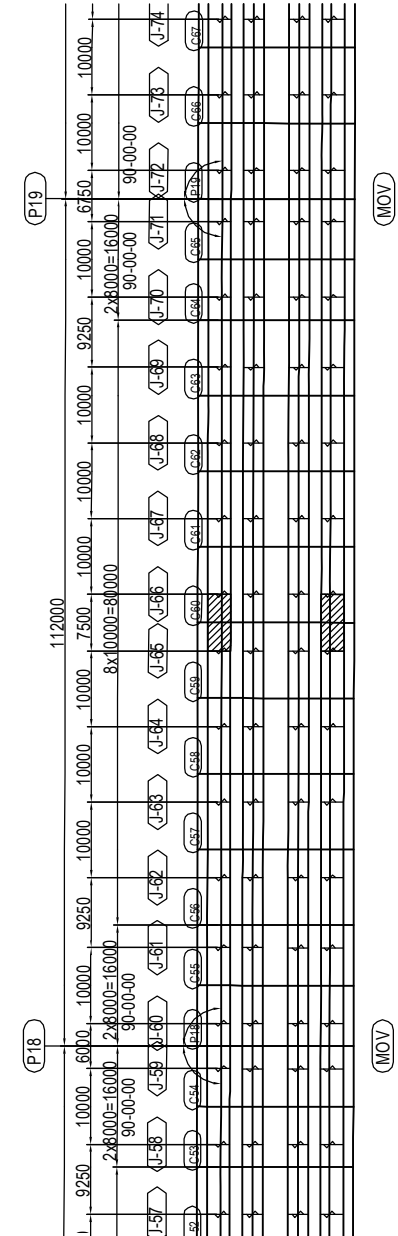


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (65)</h3>	PACKAGE 2 DWG No. P2-SB-1165
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (66) S=1:60



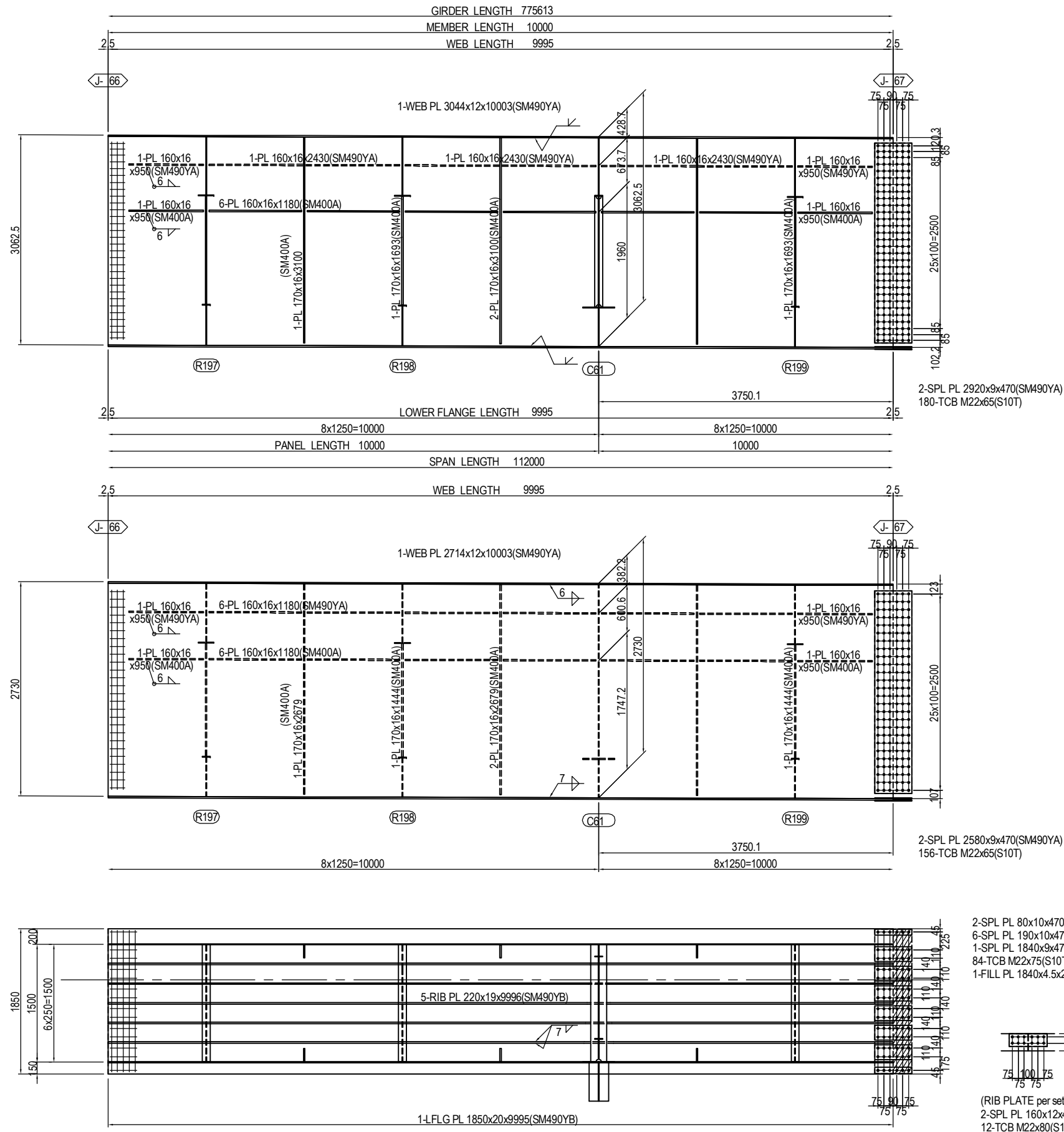
MARKING DIAGRAM



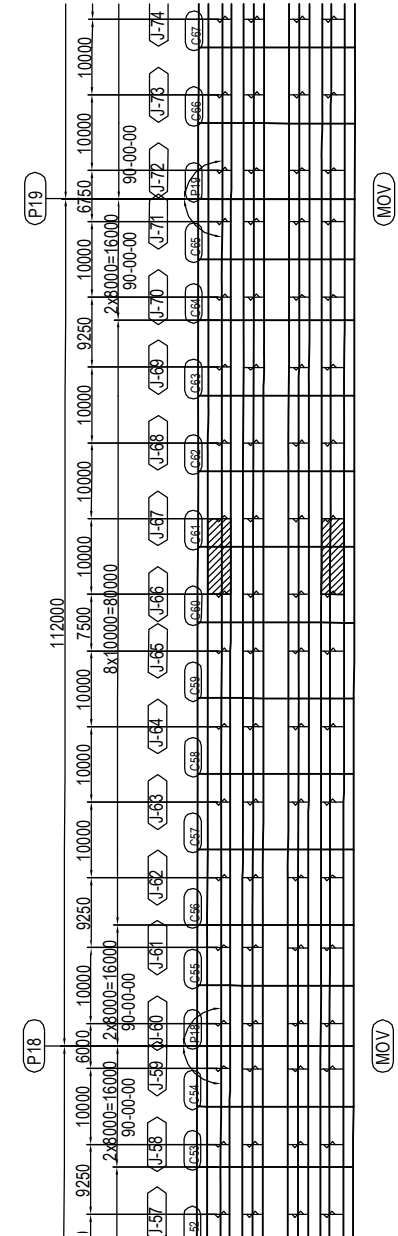
- 2-SPL PL 80x14x770(SM490YA)
 - 6-SPL PL 190x14x770(SM490YA)
 - 1-SPL PL 1840x9x770(SM490YA)
 - 140-TCB M22x80(S10T)
- (RIB PLATE per set)
 2-SPL PL 160x14x630(SM490YA)
 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (66)	PACKAGE 2 DWG No. P2-SB-1166
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (67) S=1:60

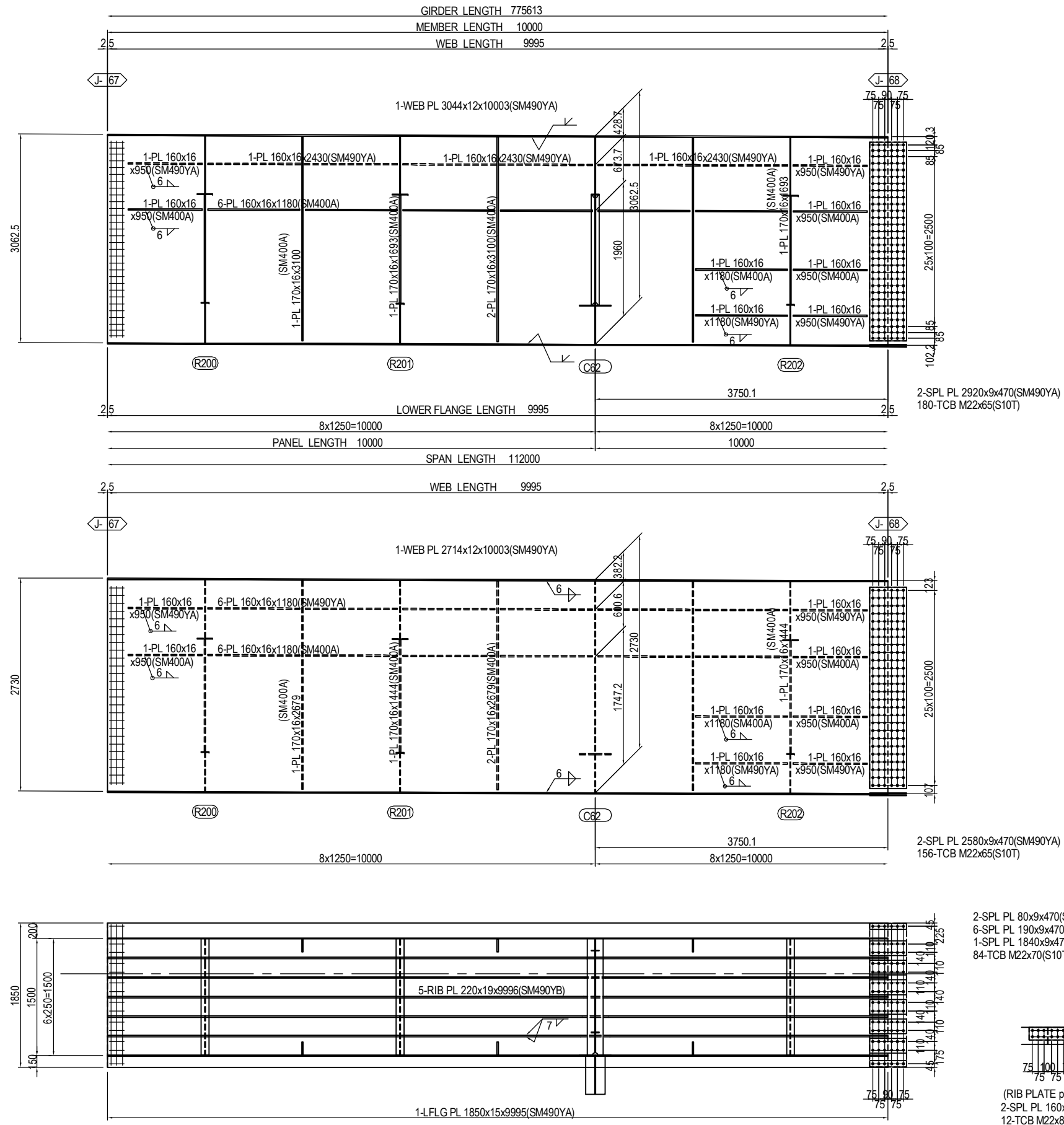


MARKING DIAGRAM

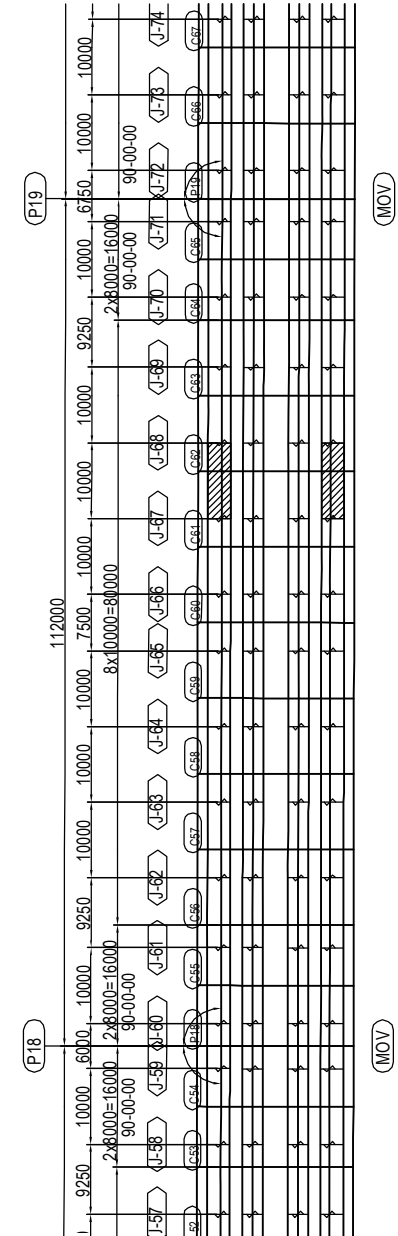


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (67)	PACKAGE 2 DWG No. P2-SB-1167
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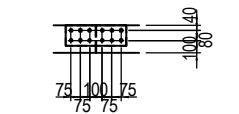
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (68) S=1:60



MARKING DIAGRAM



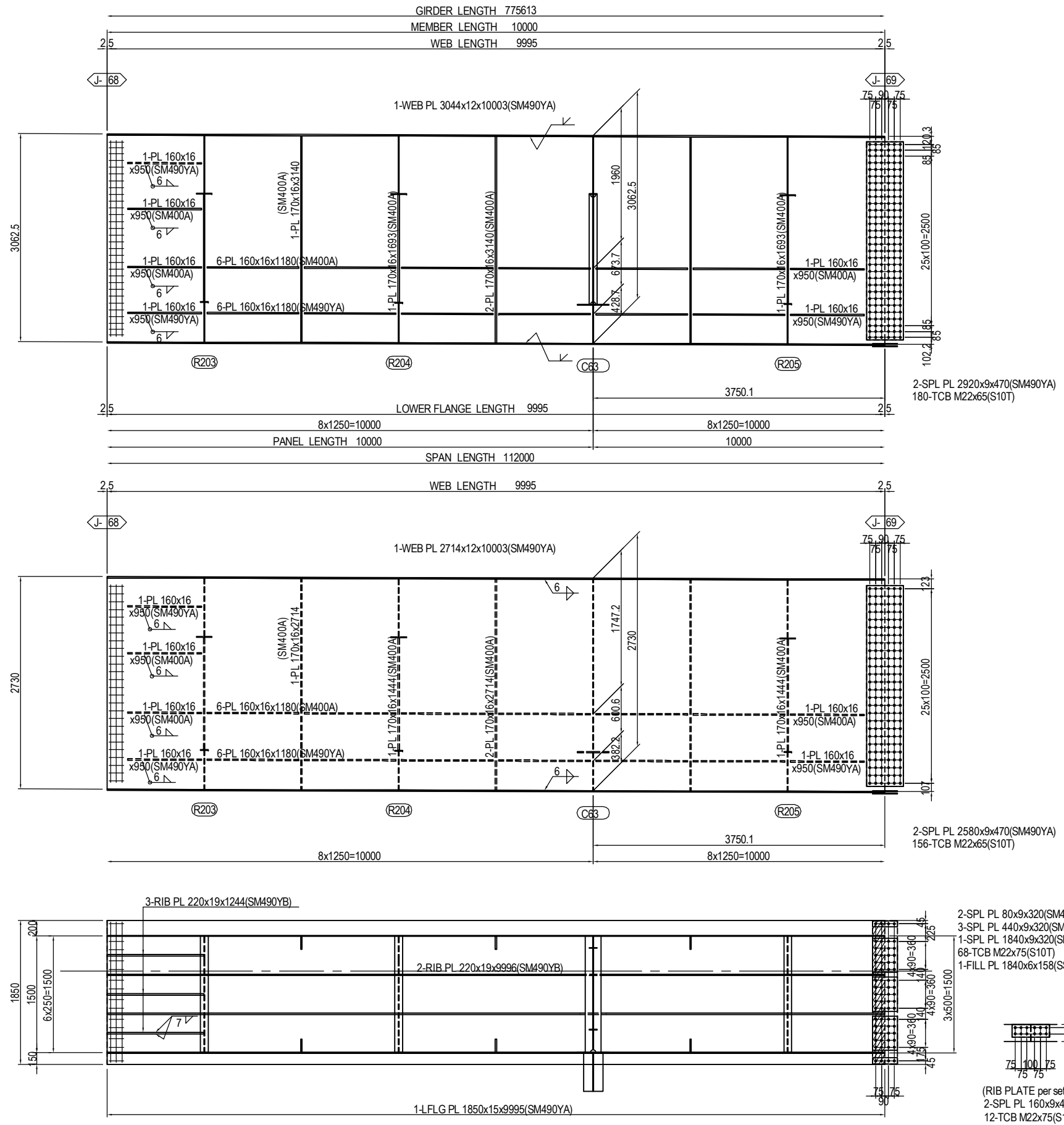
- 2-SPL PL 80x9x470(SM490YA)
- 6-SPL PL 190x9x470(SM490YA)
- 1-SPL PL 1840x9x470(SM490YA)
- 84-TCB M22x70(S10T)



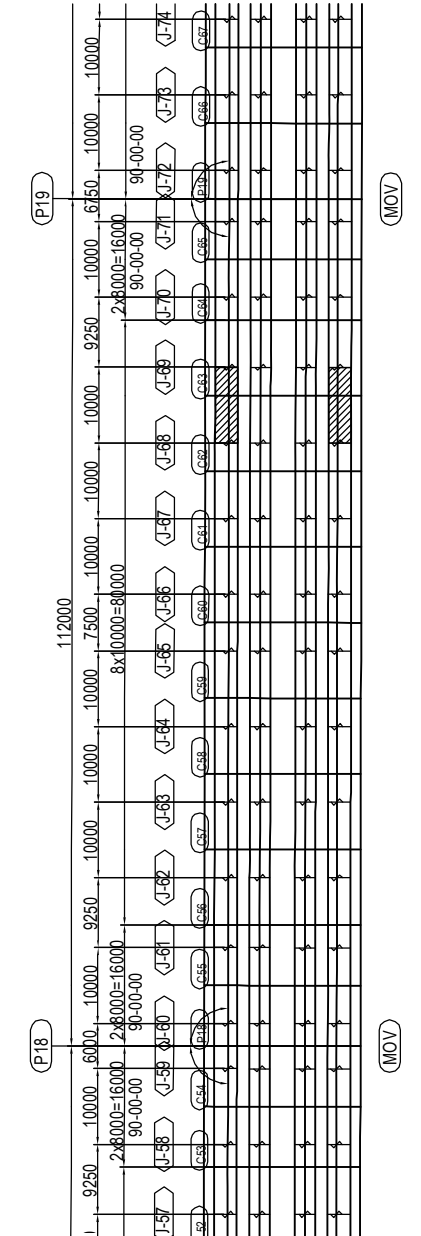
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (68)	PACKAGE 2 DWG No. P2-SB-1168
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (69) S=1:60

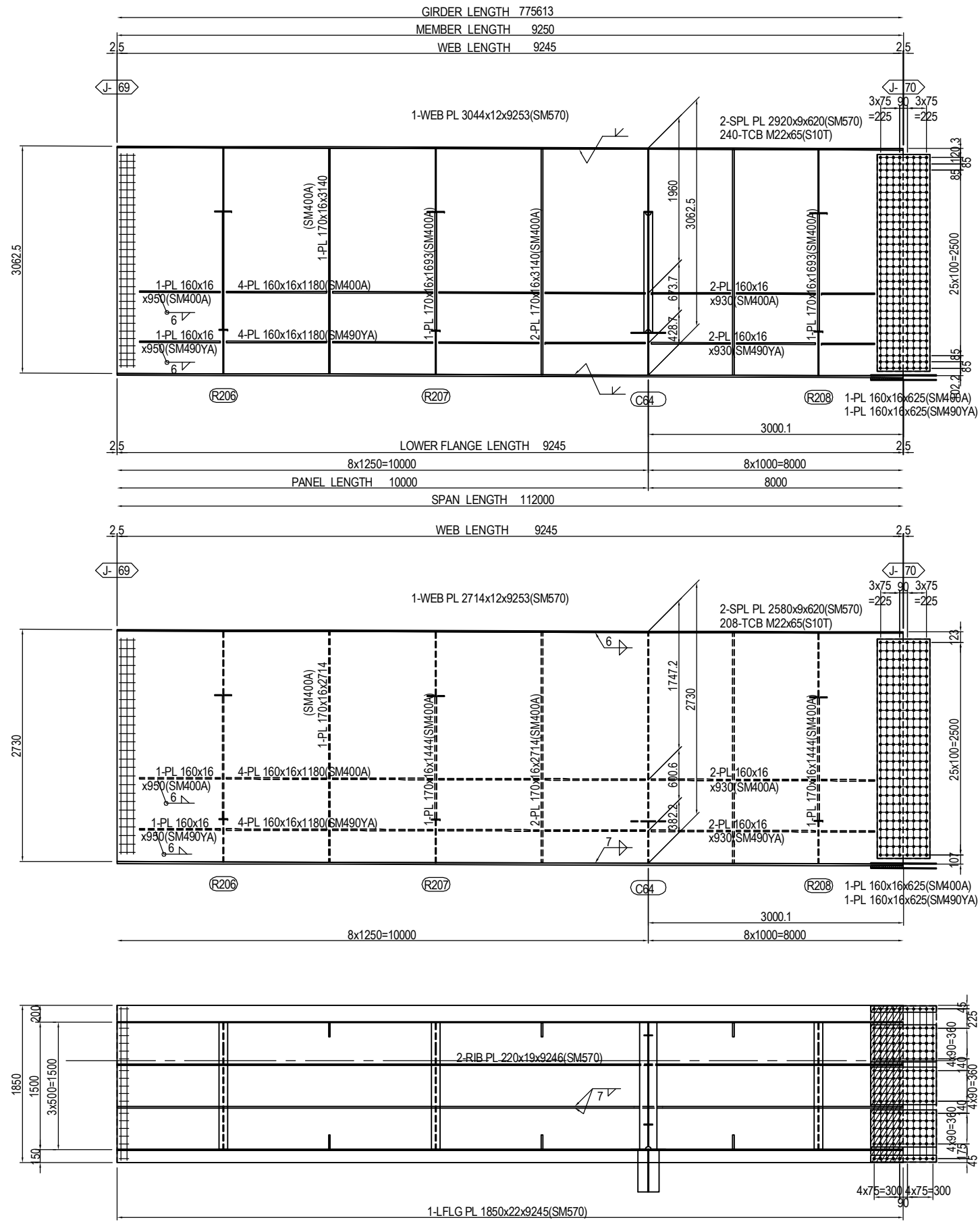


MARKING DIAGRAM

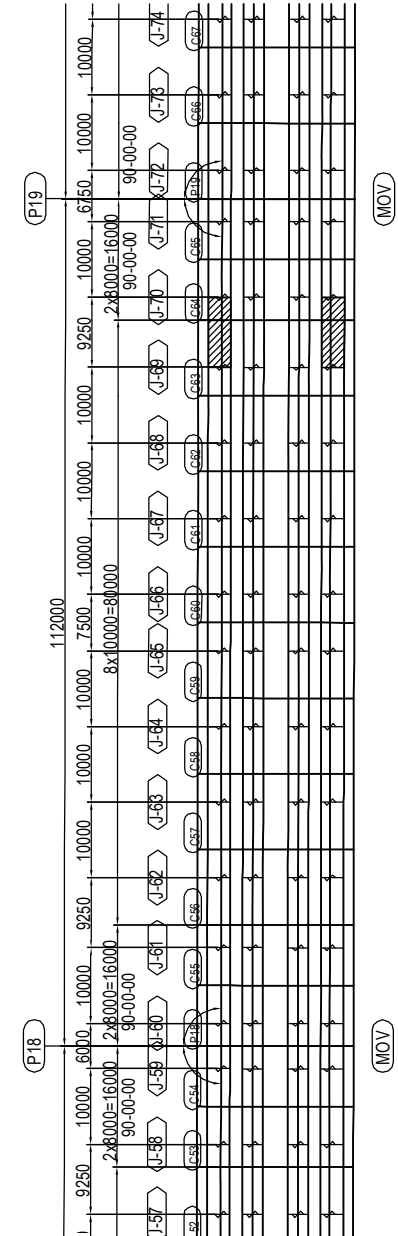


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (69)	PACKAGE 2 DWG No. P2-SB-1169
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (70) S=1:60



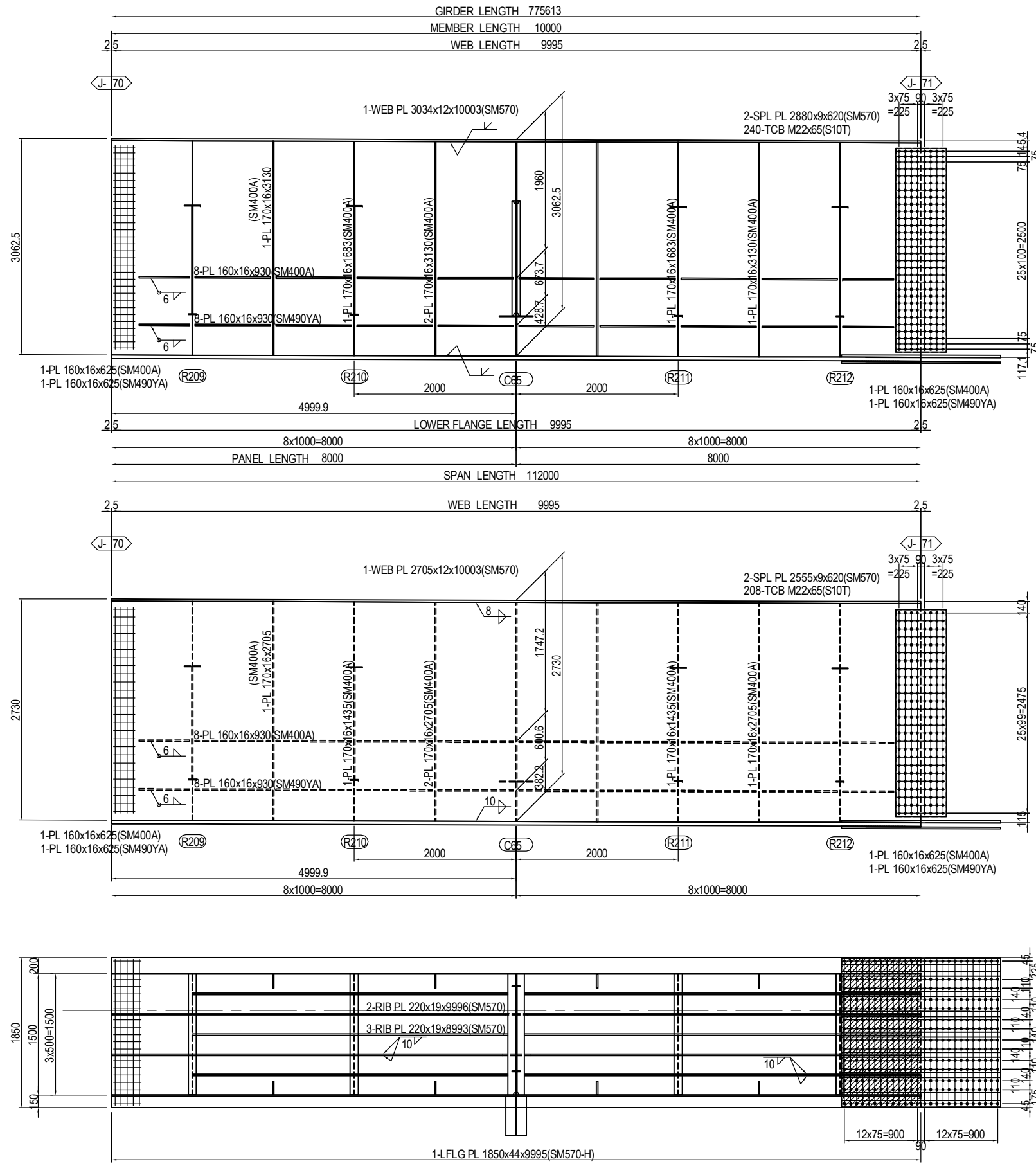
MARKING DIAGRAM



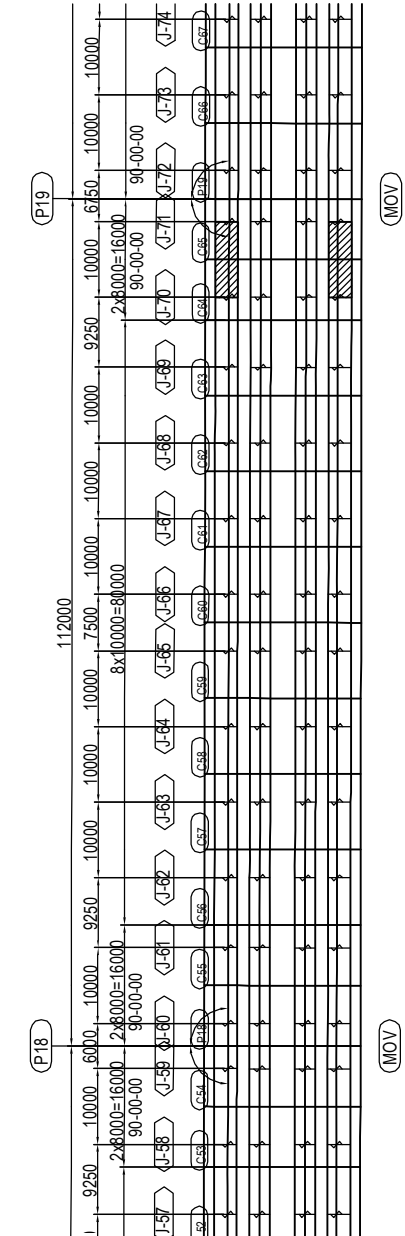
- 2-SPL PL 80x12x770(SM570)
 - 3-SPL PL 440x12x770(SM570)
 - 1-SPL PL 1840x9x770(SM570)
 - 170-TCB M22x100(S10T)
 - 1-FILL PL 1840x22x383(SS400)
-
- (RIB PLATE per set)
2-SPL PL 160x11x780(SM570)
20-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (70)	PACKAGE 2 DWG No. P2-SB-1170
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (71) S=1:60



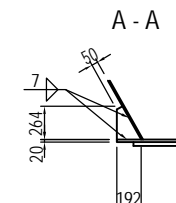
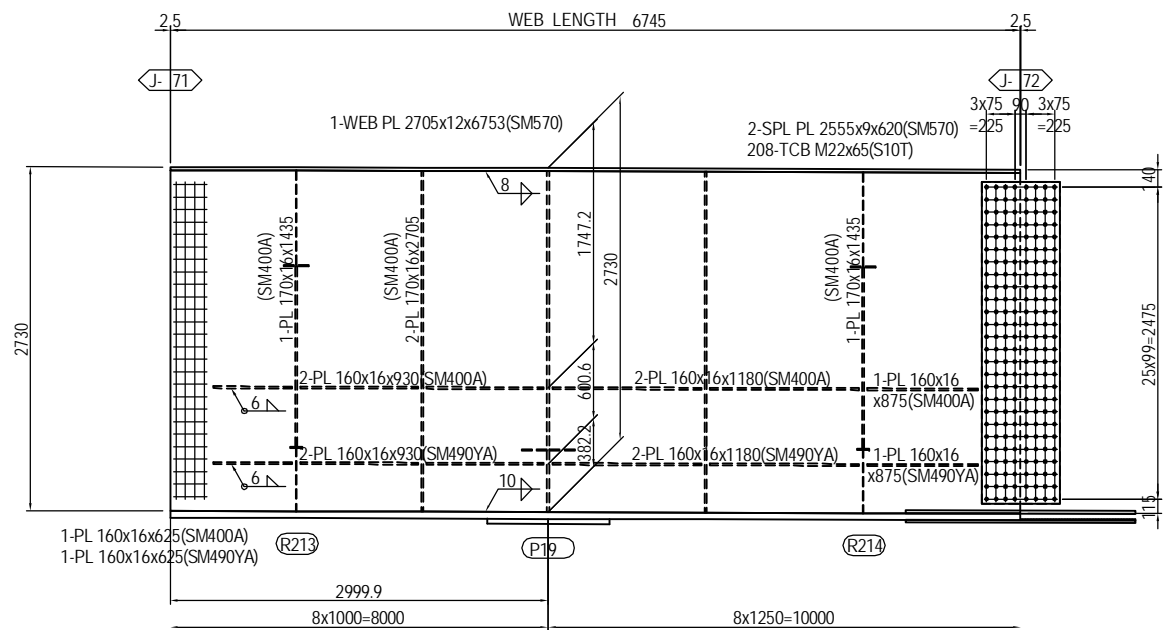
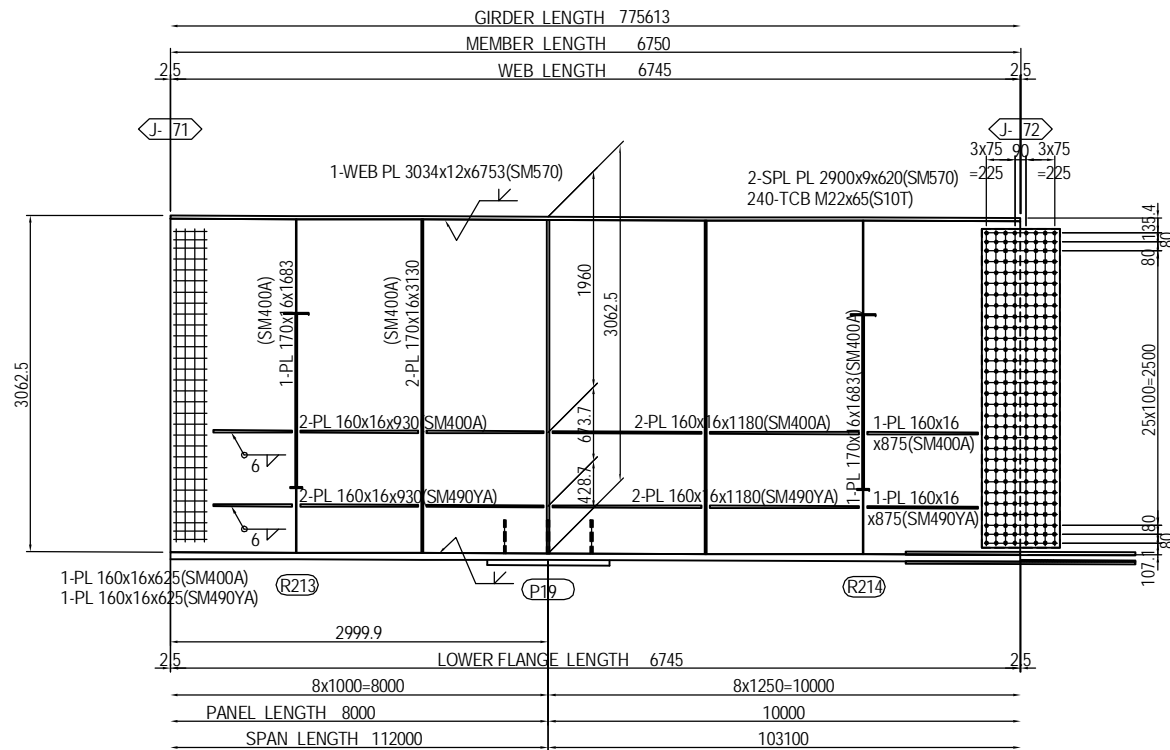
MARKING DIAGRAM



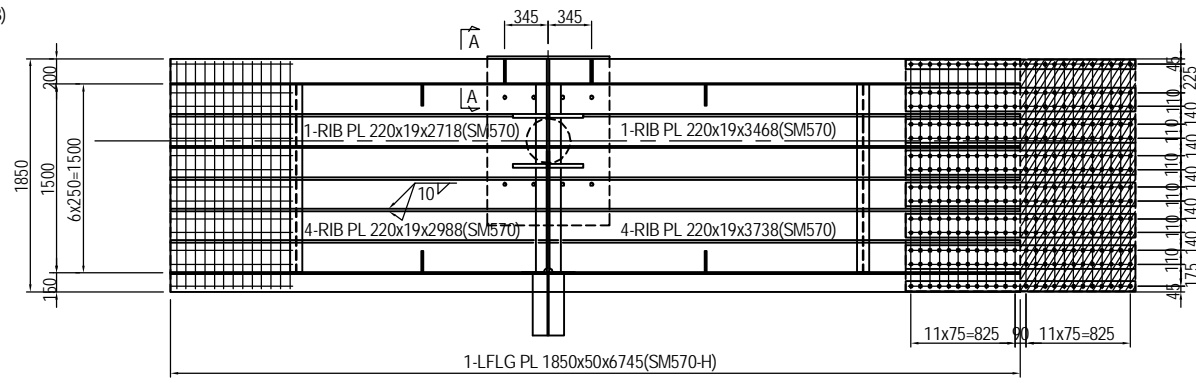
- 1-SPL PL 80x26x1970(SM570)
 - 6-SPL PL 190x26x1970(SM570)
 - 1-SPL PL 80x26x1970(SM570)
 - 1-SPL PL 1840x19x1970(SM570)
 - 364-TCB M22x130(S10T)
 - 1-FILL PL 1840x6x983(SS400)
- (RIB PLATE per set)
- 2-SPL PL 160x11x780(SM570)
 - 20-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (71)	PACKAGE 2 DWG No. P2-SB-1171
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

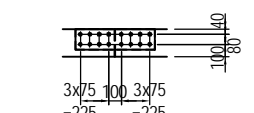
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (72) S=1:60



3-RIB PL 192x19x264(SM490YB)

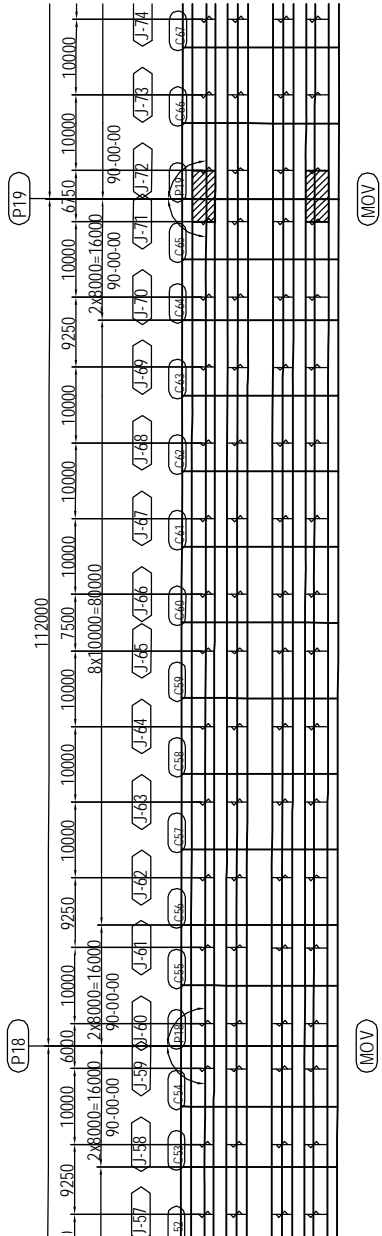


- 2-SPL PL 80x24x1820(SM570)
- 6-SPL PL 190x24x1820(SM570)
- 1-SPL PL 1840x17x1820(SM570)
- 336-TCB M22x130(S10T)
- 1-FILL PL 1840x8x908(SS400)



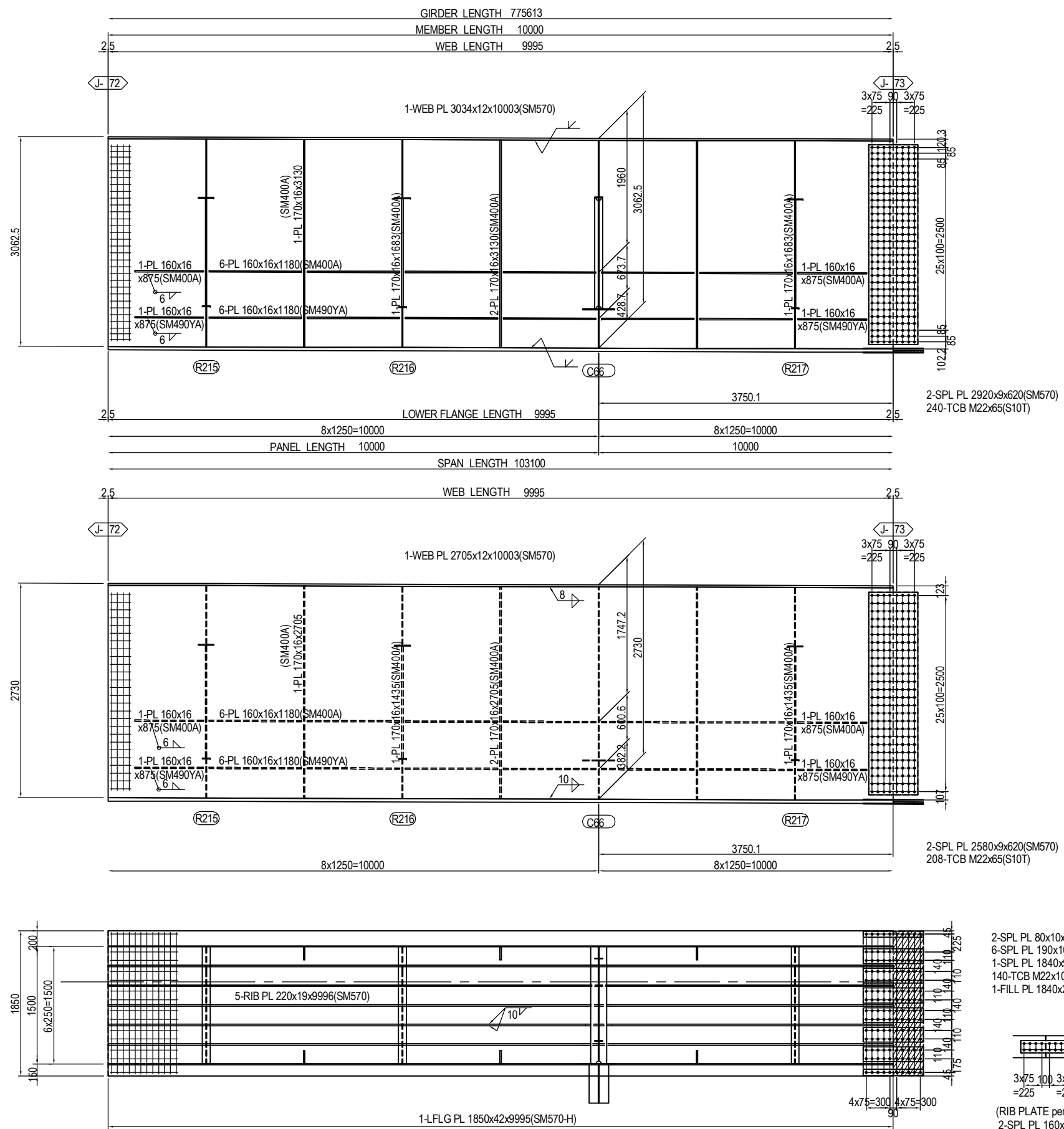
- (RIB PLATE per set)
- 2-SPL PL 160x11x630(SM570)
- 16-TCB M22x80(S10T)

MARKING DIAGRAM



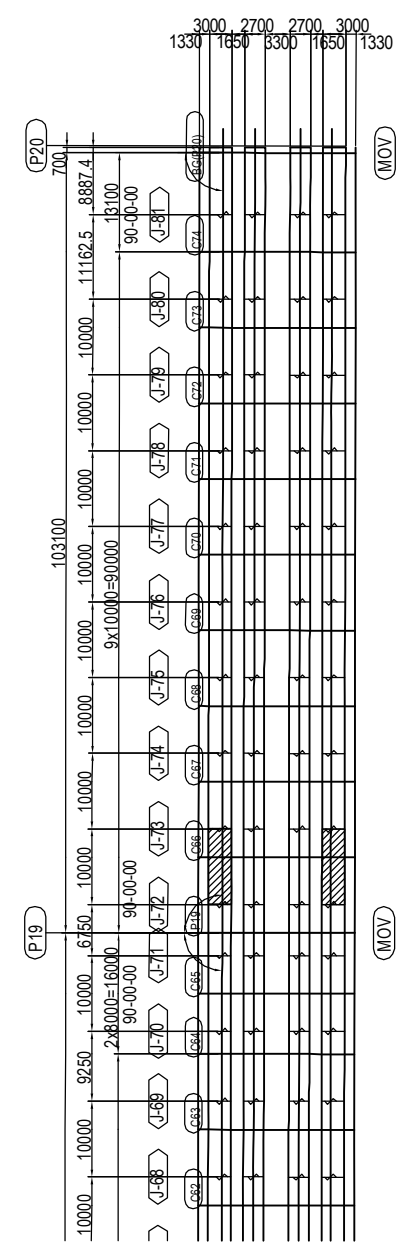
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (72)	PACKAGE 2 DWG No. P2-SB-1172
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (73) S=1:60



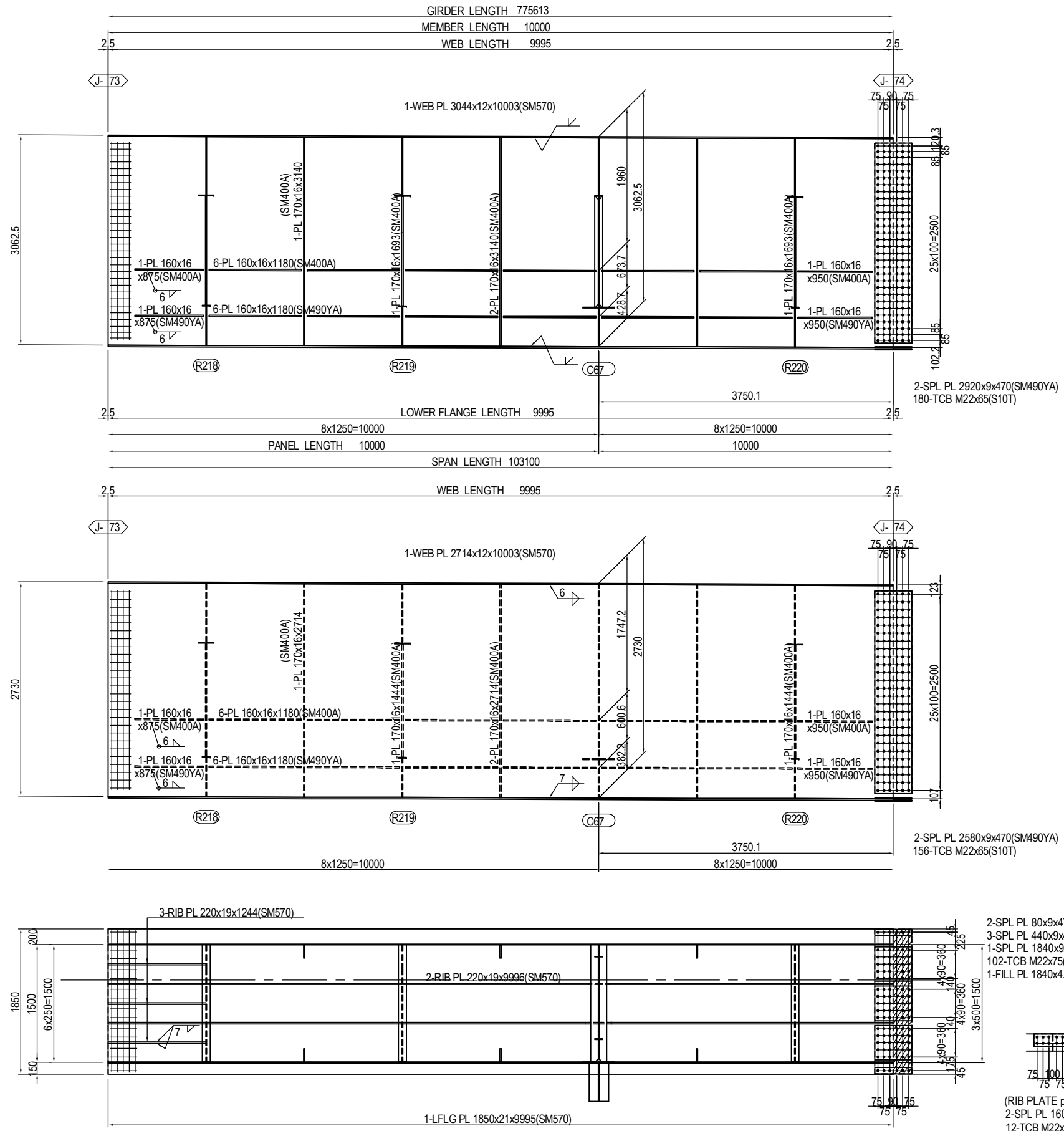
- 2-SPL PL 80x10x770(SM570)
 - 6-SPL PL 190x10x770(SM570)
 - 1-SPL PL 1840x9x770(SM570)
 - 140-TCB M22x100(S10T)
 - 1-FILL PL 1840x21x383
-
- (RIB PLATE per set)
 - 2-SPL PL 160x10x630(SM570)
 - 16-TCB M22x75(S10T)

MARKING DIAGRAM

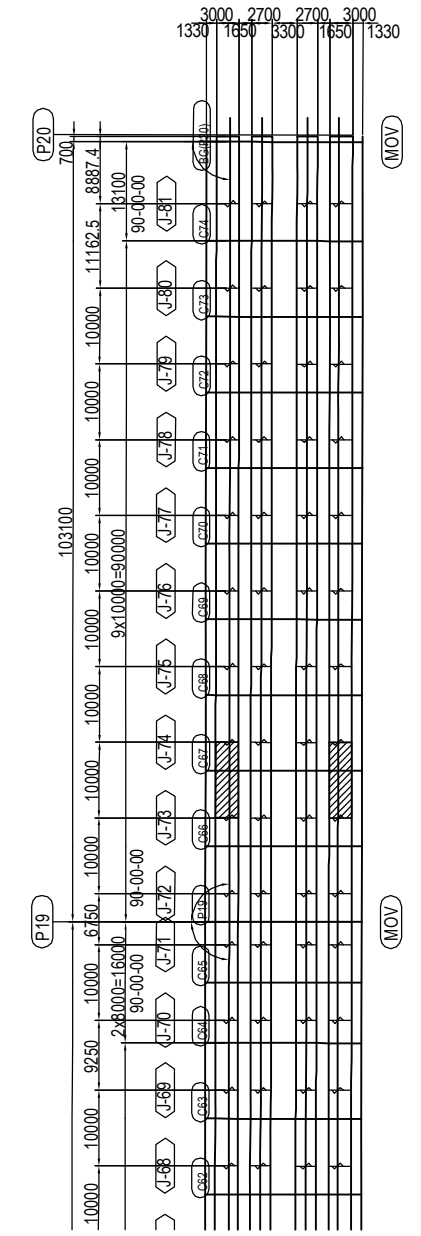


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (73)	PACKAGE 2 DWG No. P2-SB-1173
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (74) S=1:60



MARKING DIAGRAM



PROJECT NAME
 DETAILED DESIGN ON
 BAGO RIVER BRIDGE
 CONSTRUCTION PROJECT

FINANCED BY
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

COUNTERPART
 REPUBLIC OF THE UNION OF MYANMAR
 MINISTRY OF CONSTRUCTION
 DEPARTMENT OF BRIDGE

JICA STUDY TEAM
 NIPPON KOEI CO., LTD.
 ORIENTAL CONSULTANTS GLOBAL CO., LTD.
 METROPOLITAN EXPRESSWAY COMPANY LIMITED
 CHODAI CO. LTD.
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

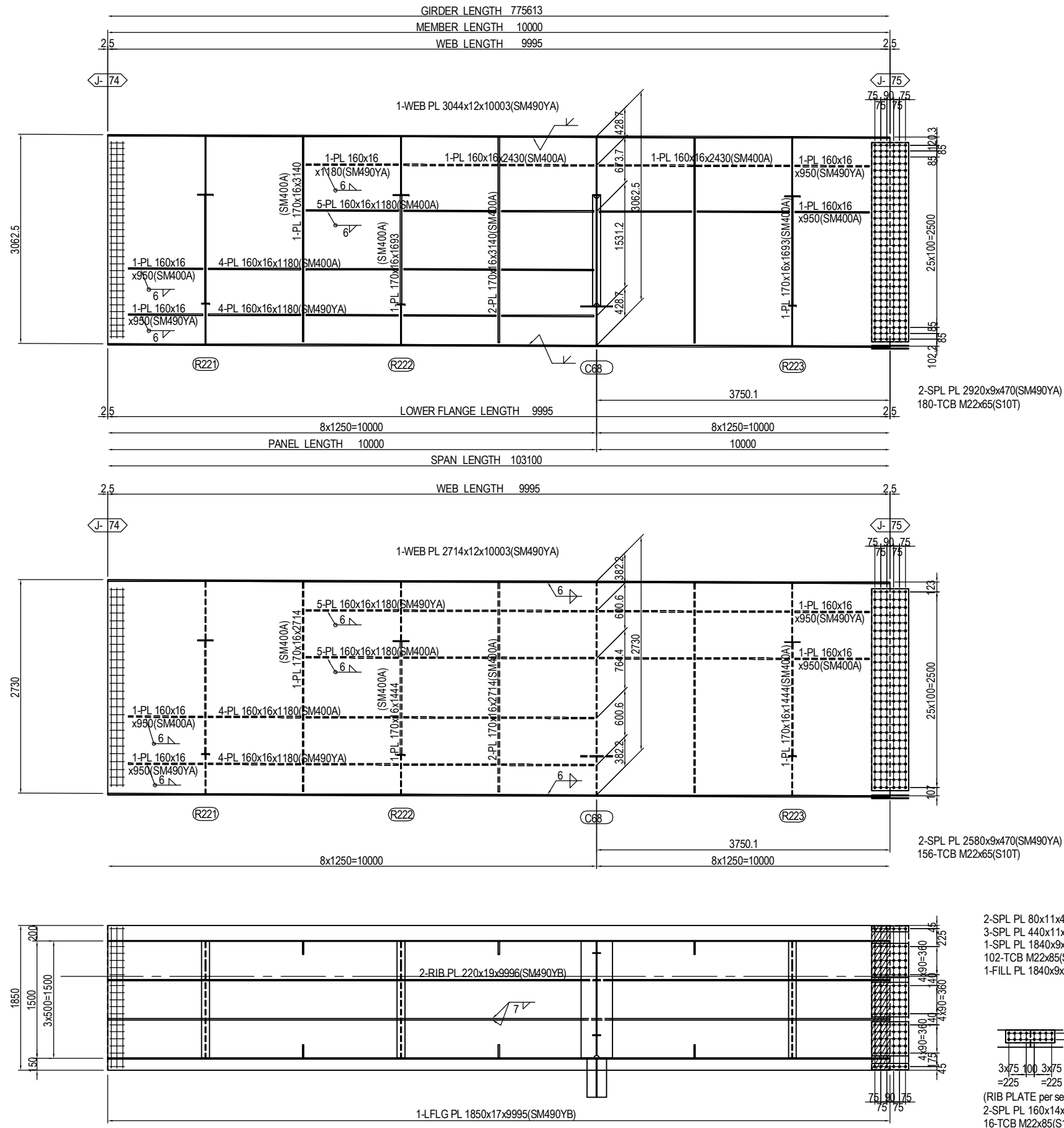
	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		15 Jun.2017
CHECKED BY	T. HAYAKAWA		20 Jun.2017
APPROVED BY	Y. SANO		21 Jun.2017

DRAWING TITLE
 DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (74)

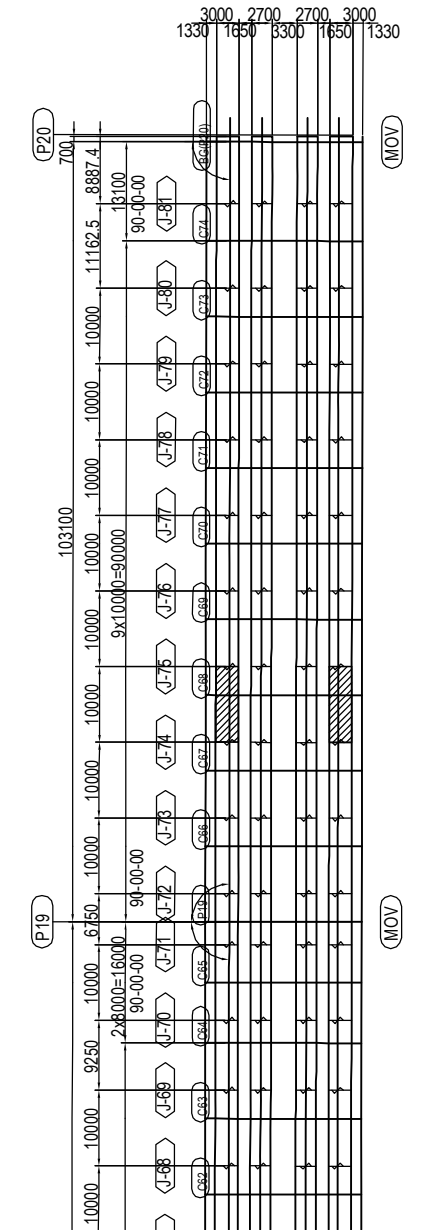
PACKAGE
 2
 DWG No.
 P2-SB-1174

- 2-SPL PL 80x9x470(SM490YA)
 - 3-SPL PL 440x9x470(SM490YA)
 - 1-SPL PL 1840x9x470(SM490YA)
 - 102-TCB M22x75(S10T)
 - 1-FILL PL 1840x4.5x233(SS400)
- (RIB PLATE per set)
 2-SPL PL 160x11x480(SM490YA)
 12-TCB M22x80(S10T)

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (75) S=1:60



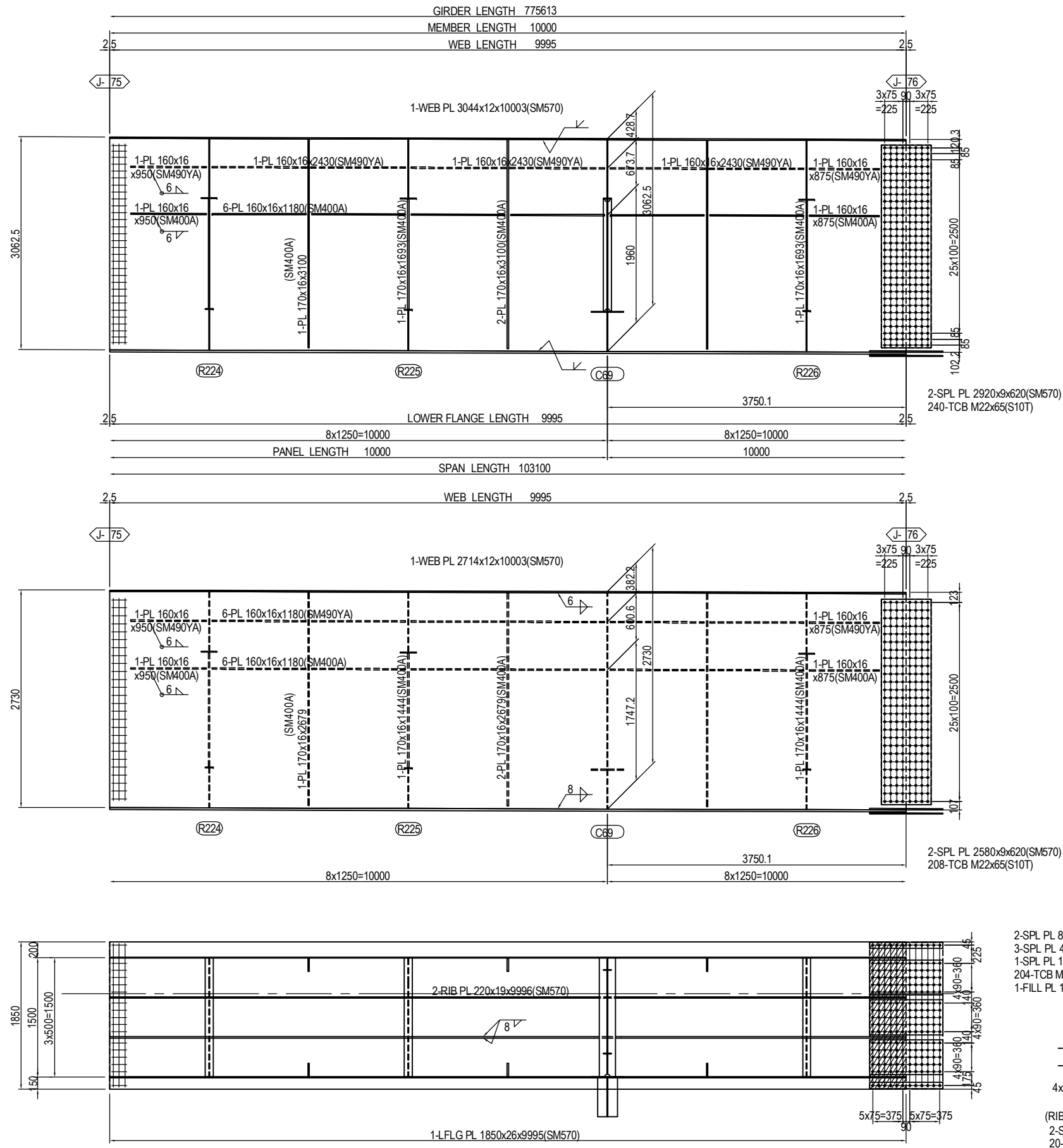
MARKING DIAGRAM



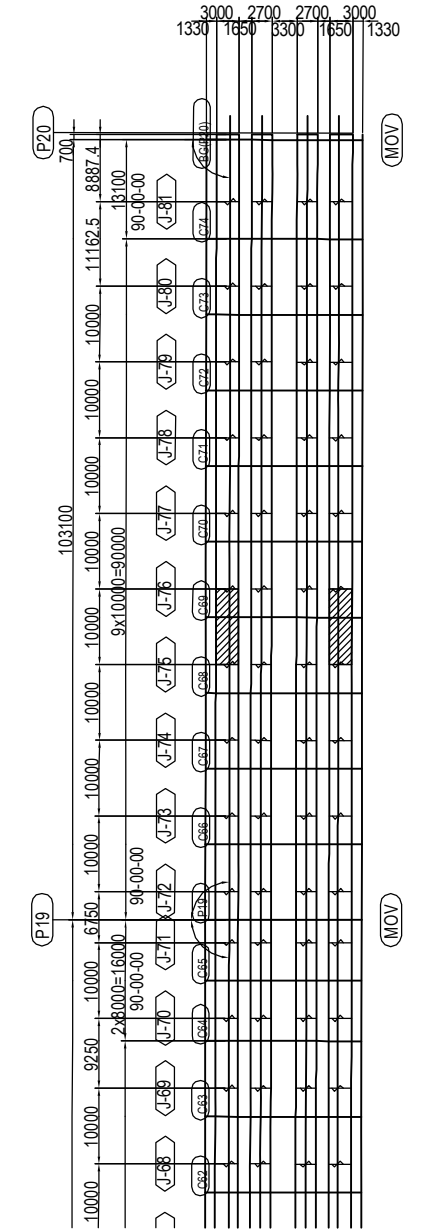
- 2-SPL PL 80x11x470(SM490YA)
 - 3-SPL PL 440x11x470(SM490YA)
 - 1-SPL PL 1840x9x470(SM490YA)
 - 102-TCB M22x85(S10T)
 - 1-FILL PL 1840x9x233(SS400)
- (RIB PLATE per set)
2-SPL PL 160x14x630(SM490YA)
16-TCB M22x85(S10T)

PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA	15 Jun.2017	DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (75)	2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1175

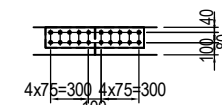
DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (76) S=1:60



MARKING DIAGRAM



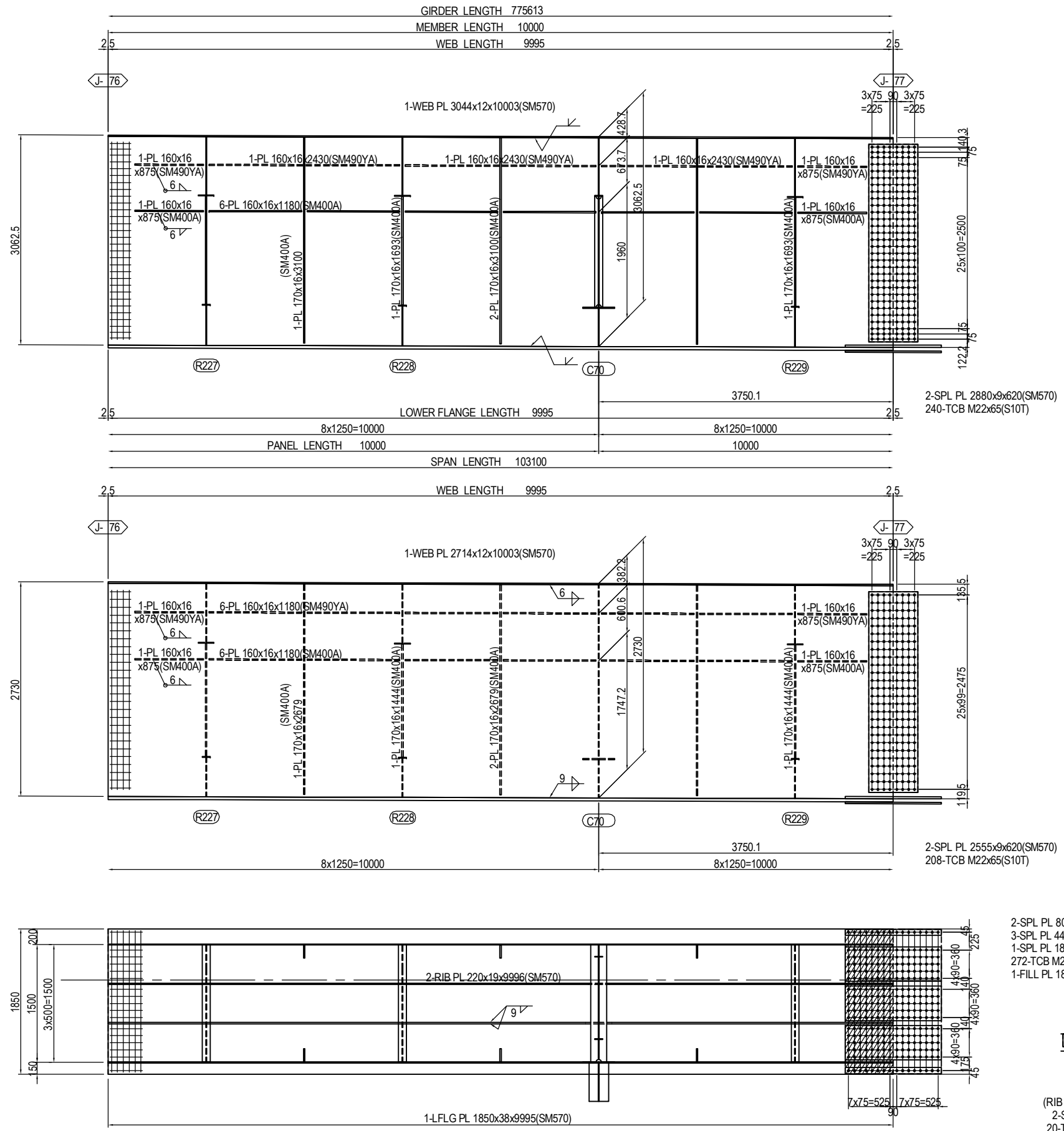
- 2-SPL PL 80x18x920(SM570)
- 3-SPL PL 440x18x920(SM570)
- 1-SPL PL 1840x13x920(SM570)
- 204-TCB M22x105(S10T)
- 1-FILL PL 1840x12x458(SS400)



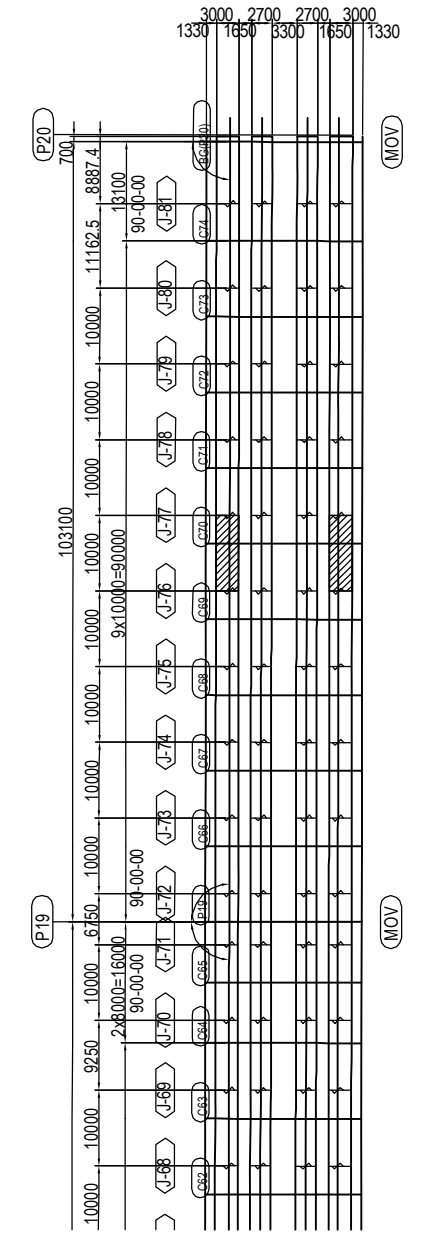
- (RIB PLATE per set)
- 2-SPL PL 160x15x780(SM570)
- 20-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (76)	PACKAGE 2 DWG No. P2-SB-1176
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		
				APPROVED BY	Y. SANO	21 Jun.2017		

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (77) S=1:60

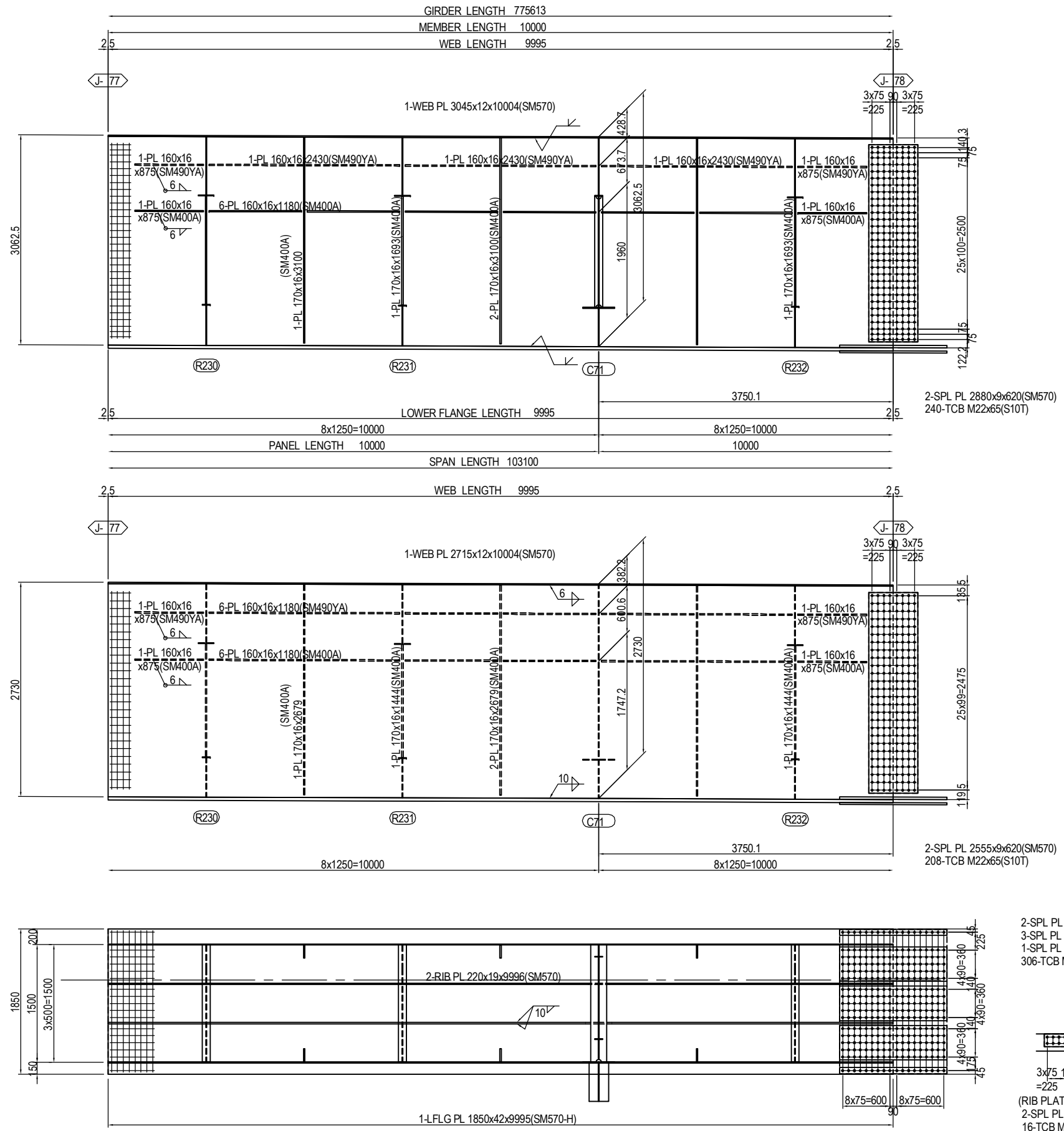


MARKING DIAGRAM

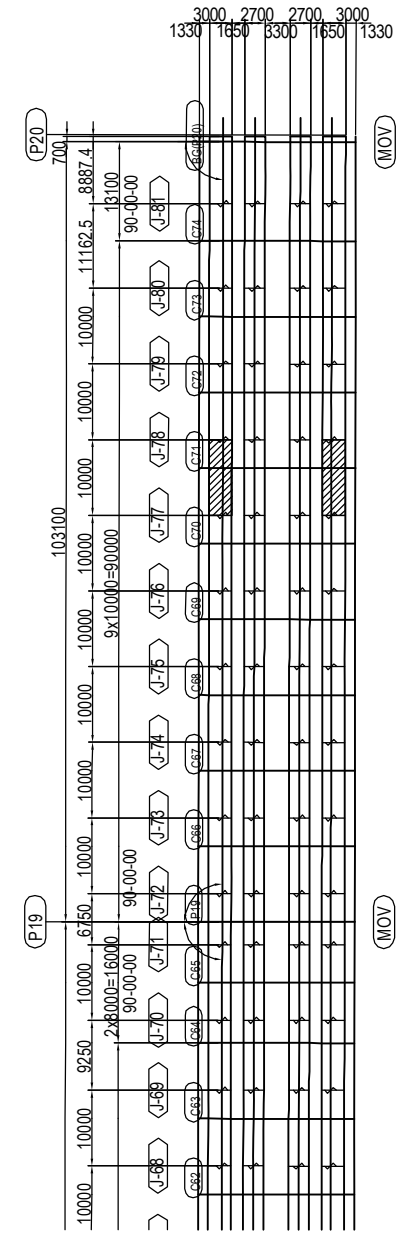


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (77)	PACKAGE 2 DWG No. P2-SB-1177
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (78) S=1:60



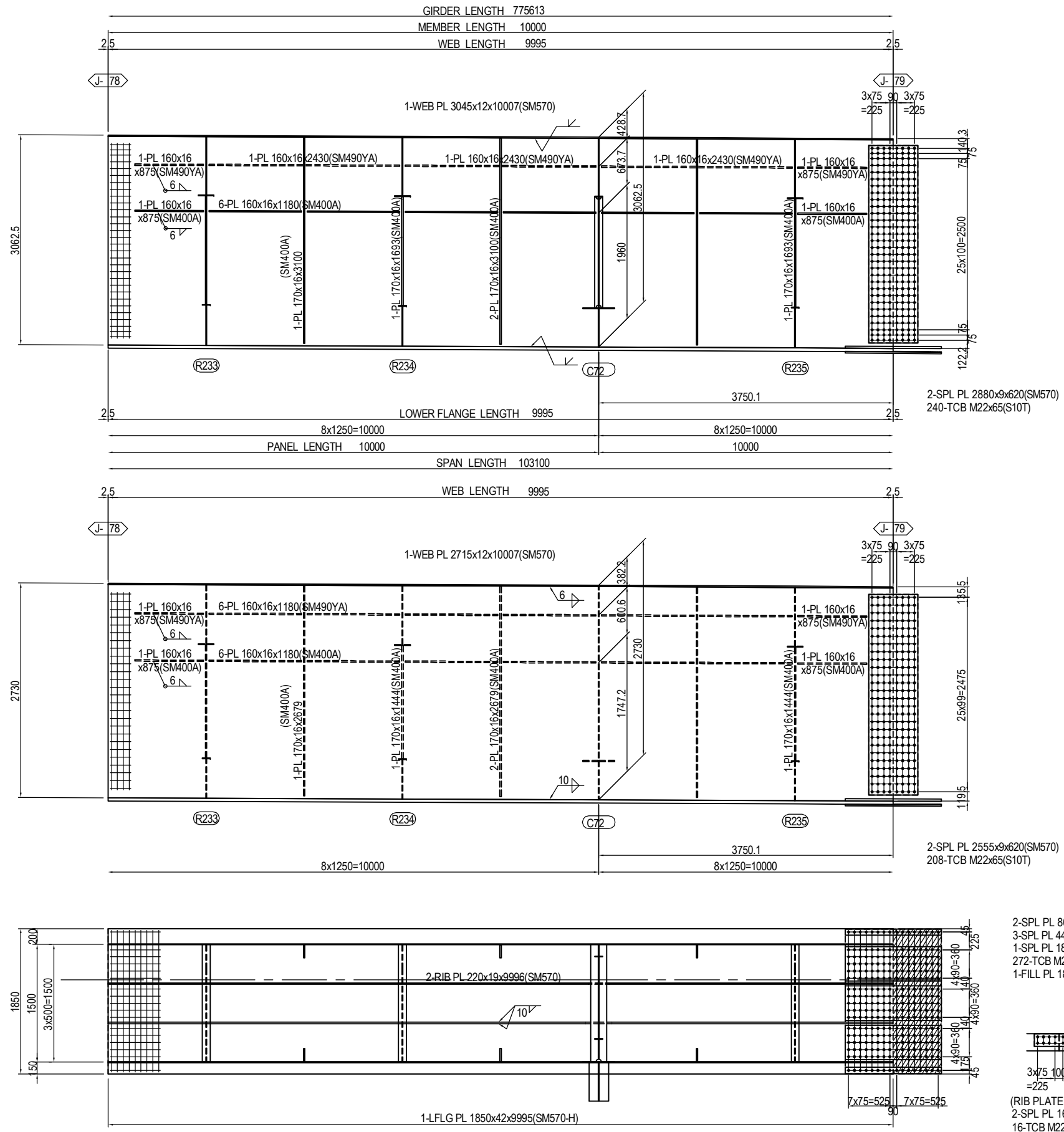
MARKING DIAGRAM



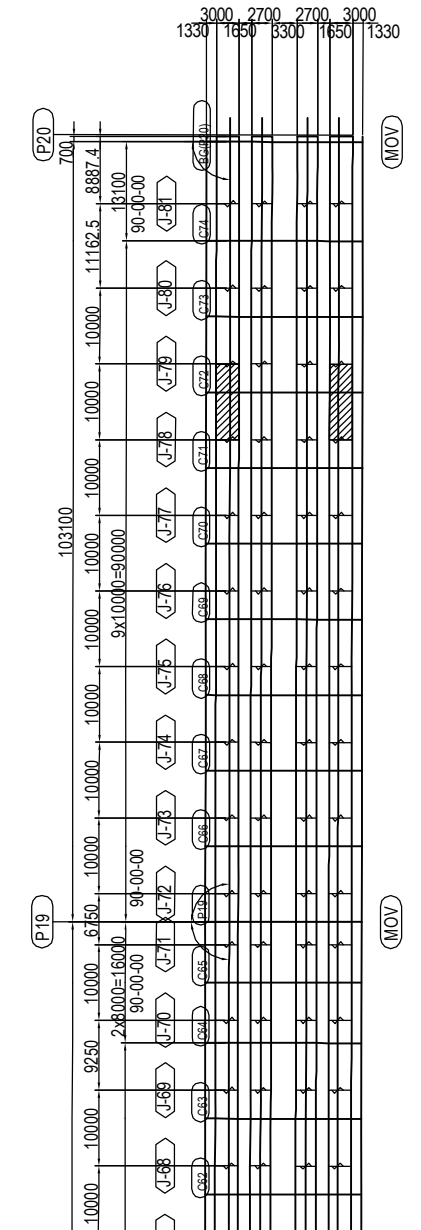
- 2-SPL PL 80x32x1370(SM570)
 - 3-SPL PL 440x32x1370(SM570)
 - 1-SPL PL 1840x24x1370(SM570)
 - 306-TCB M22x135(S10T)
-
- (RIB PLATE per set)
 - 2-SPL PL 160x14x630(SM570)
 - 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (78)	PACKAGE 2 DWG No. P2-SB-1178
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (79) S=1:60

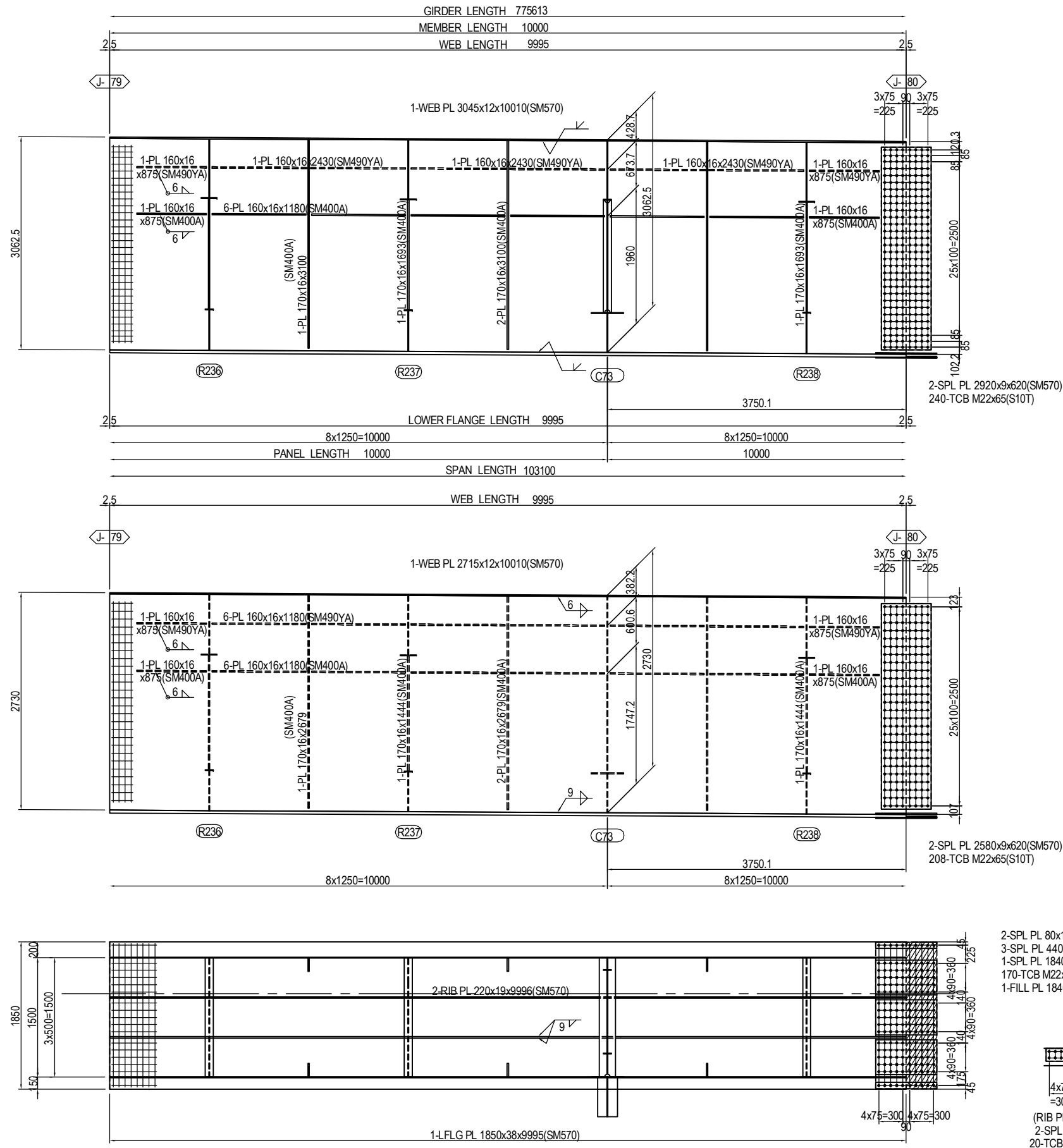


MARKING DIAGRAM

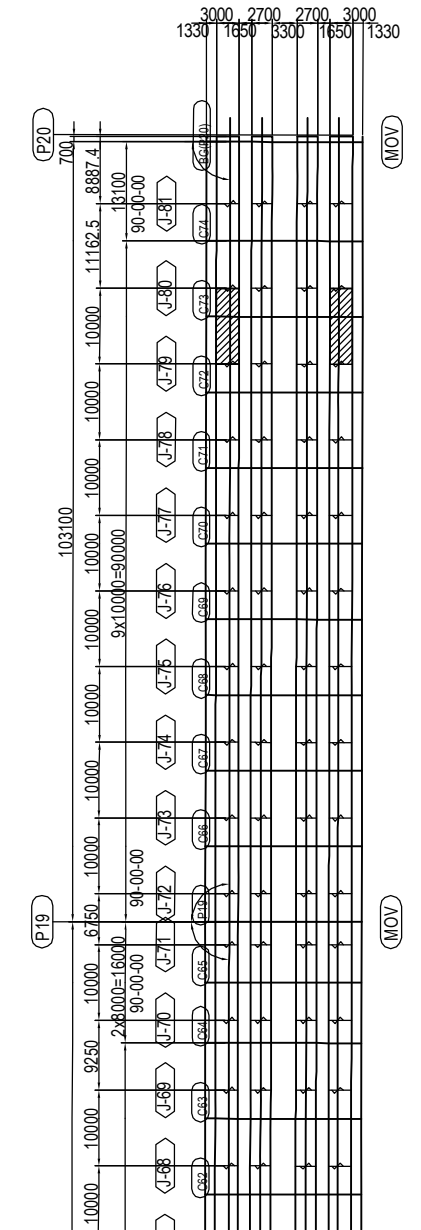


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">NAME</td> <td style="width: 20%;">SIGNATURE</td> <td style="width: 20%;">DATE</td> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (79)	PACKAGE 2 DWG No. P2-SB-1179
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (80) S=1:60

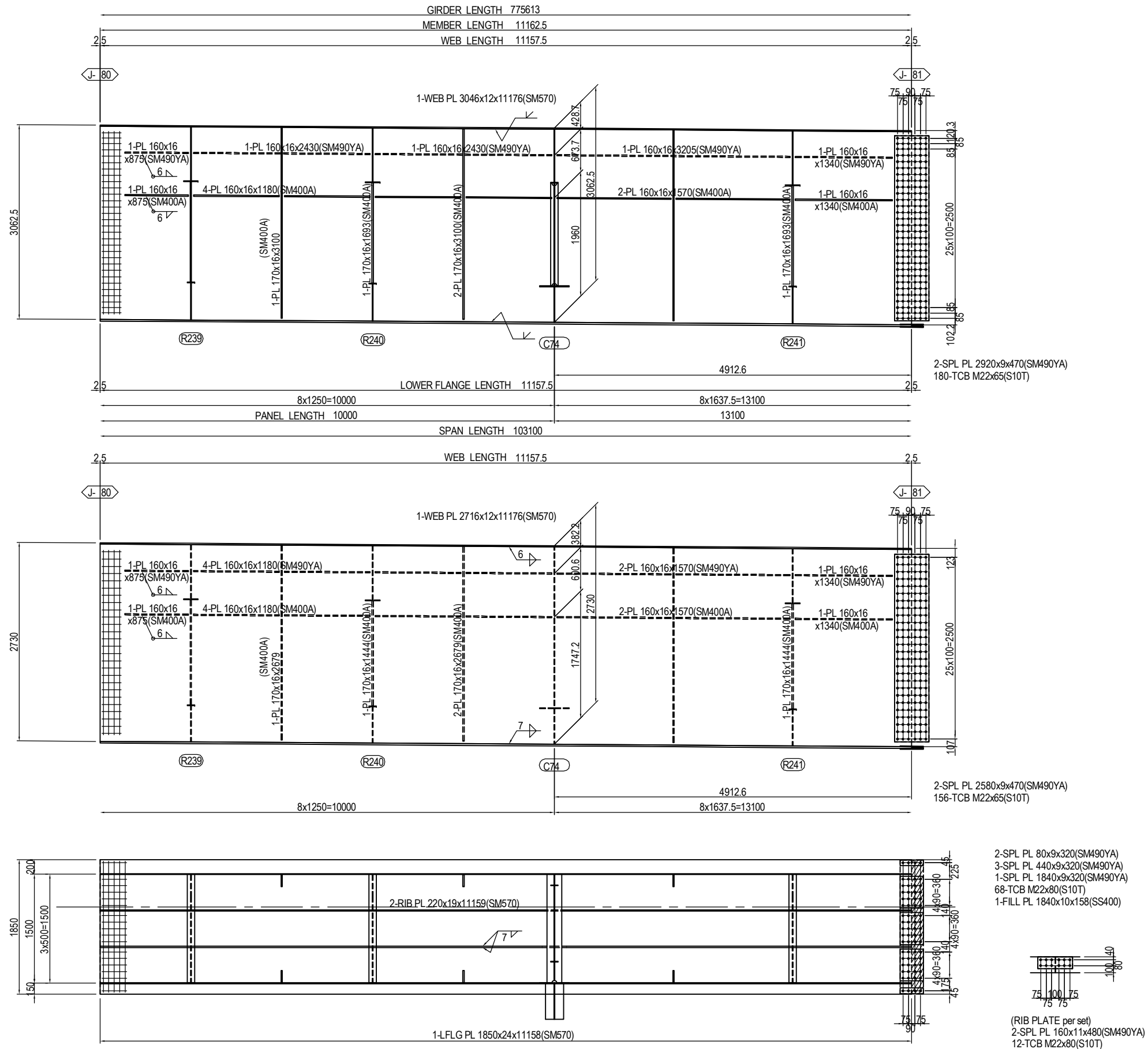


MARKING DIAGRAM

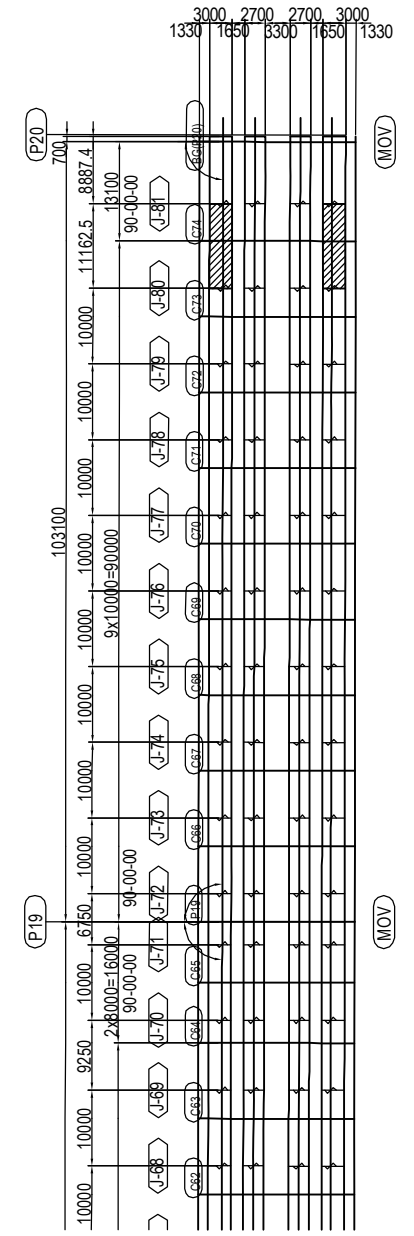


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (80)	PACKAGE 2 DWG No. P2-SB-1180
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (81) S=1:60



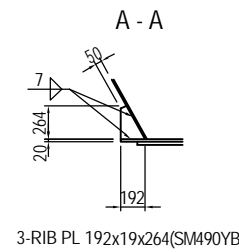
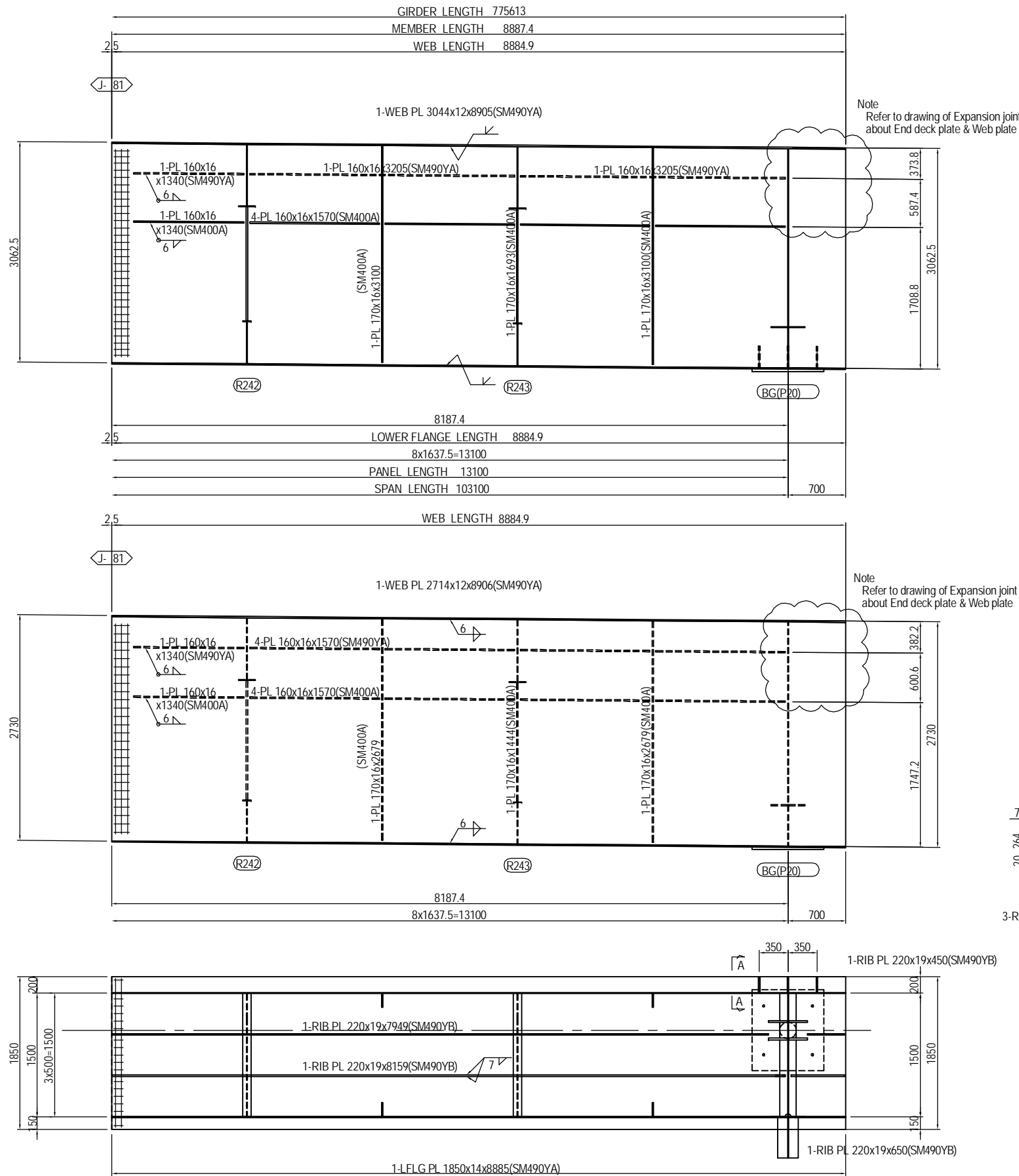
MARKING DIAGRAM



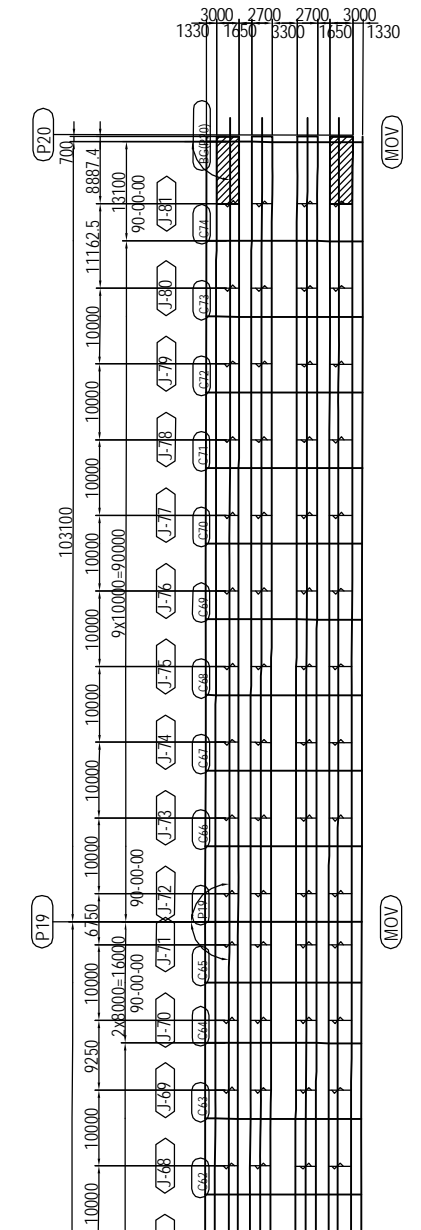
- 2-SPL PL 80x9x320(SM490YA)
- 3-SPL PL 440x9x320(SM490YA)
- 1-SPL PL 1840x9x320(SM490YA)
- 68-TCB M22x80(S10T)
- 1-FILL PL 1840x10x158(SS400)
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (81)	PACKAGE 2 DWG No. P2-SB-1181
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DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (82) S=1:60



MARKING DIAGRAM

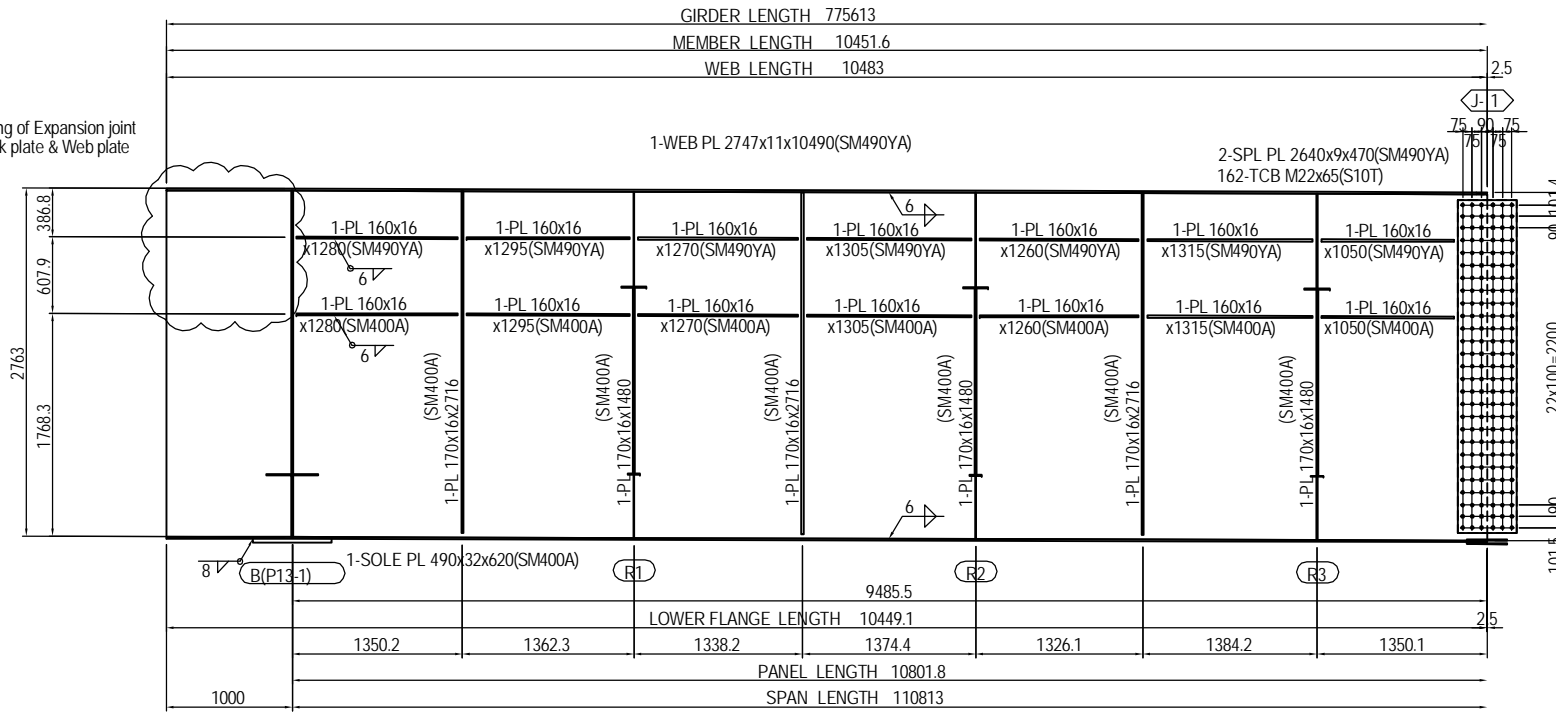


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1,G4 (P13-P20) (82)	PACKAGE 2 DWG No. P2-SB-1182
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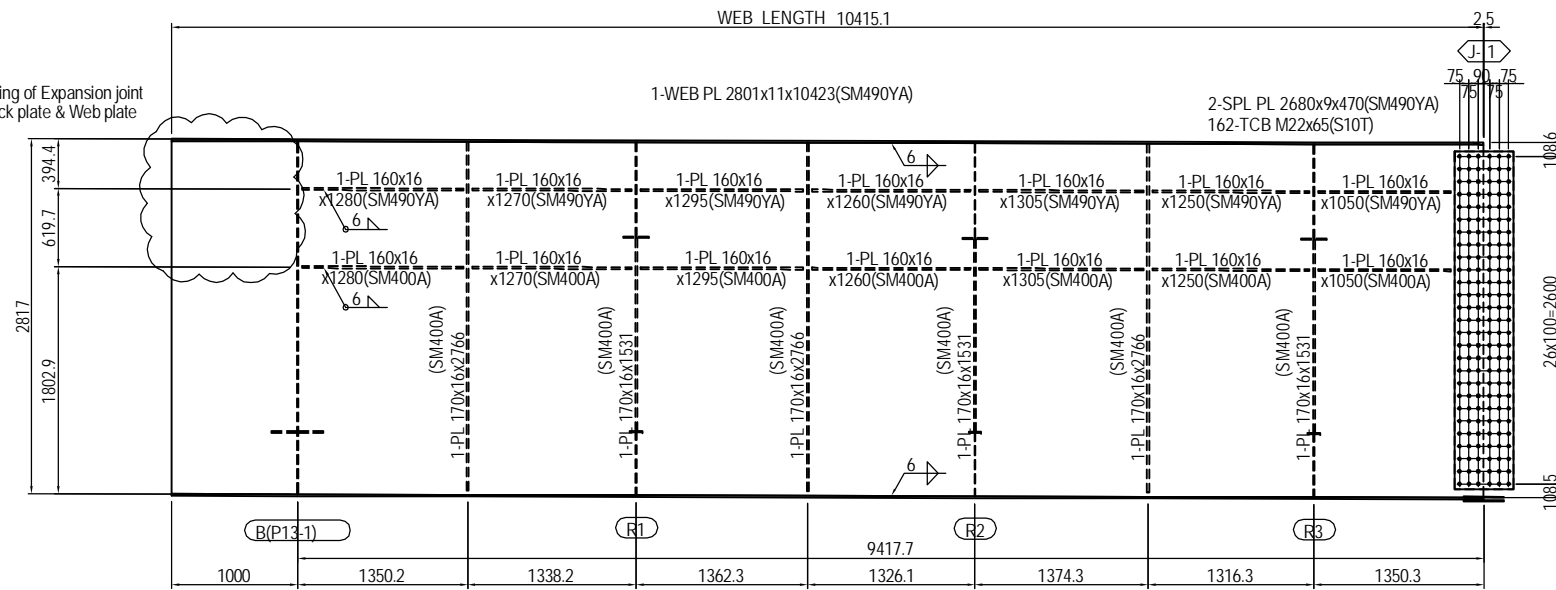
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (1)

S=1:60

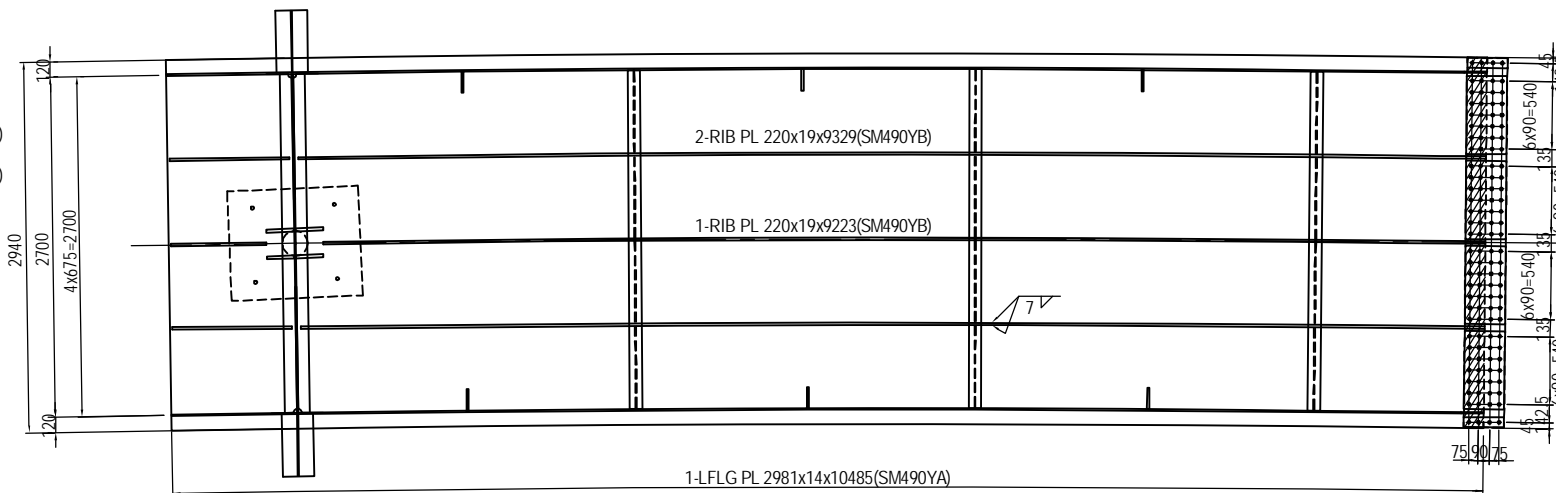
Note
Refer to drawing of Expansion joint
about End deck plate & Web plate



Note
Refer to drawing of Expansion joint
about End deck plate & Web plate



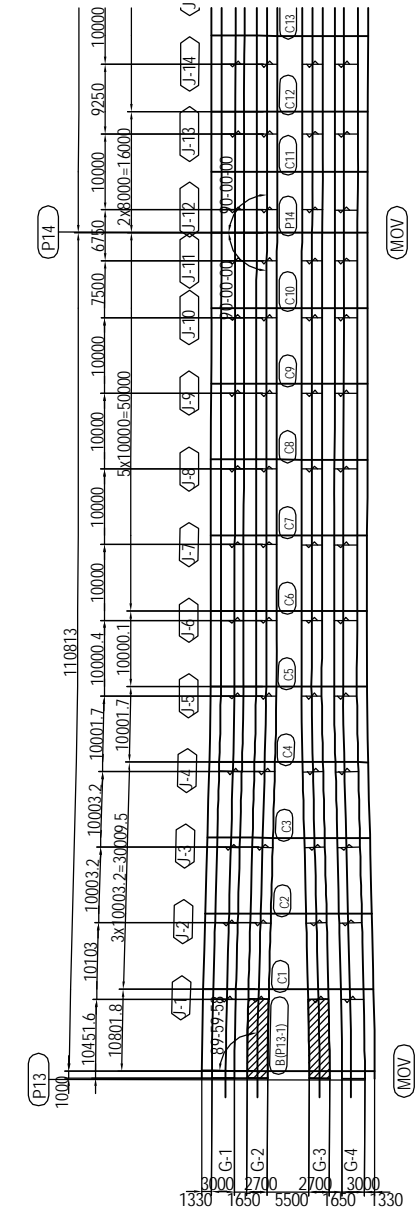
2-RIB PL 220x19x950(SM490YB)
1-RIB PL 220x19x760(SM490YB)



2-SPL PL 80x9x320(SM490YA)
4-SPL PL 620x9x320(SM490YA)
1-SPL PL 2930x9x320(SM490YA)
120-TCB M22x75(S10T)
1-FILL PL 2930x6x158(SS400)

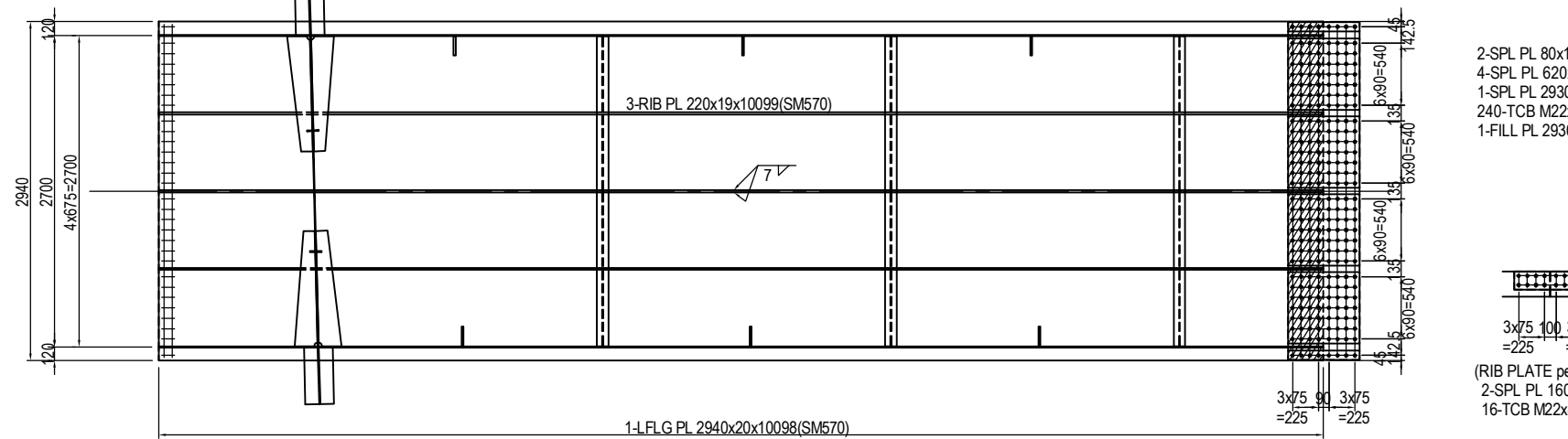
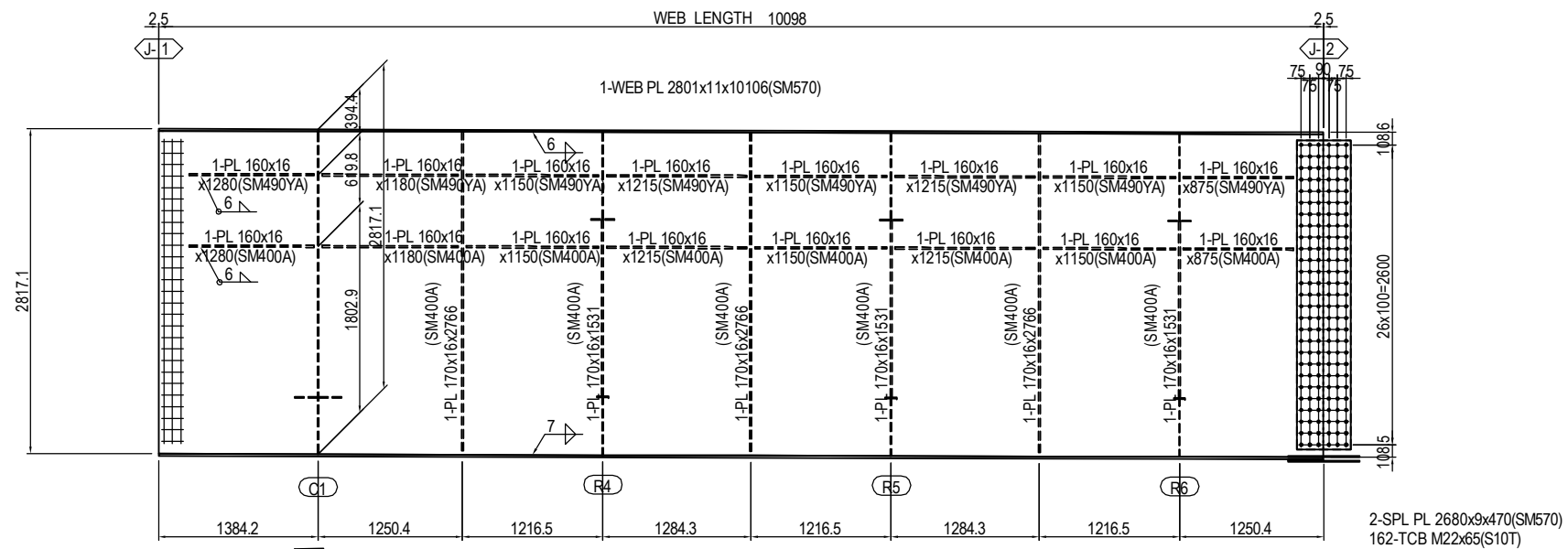
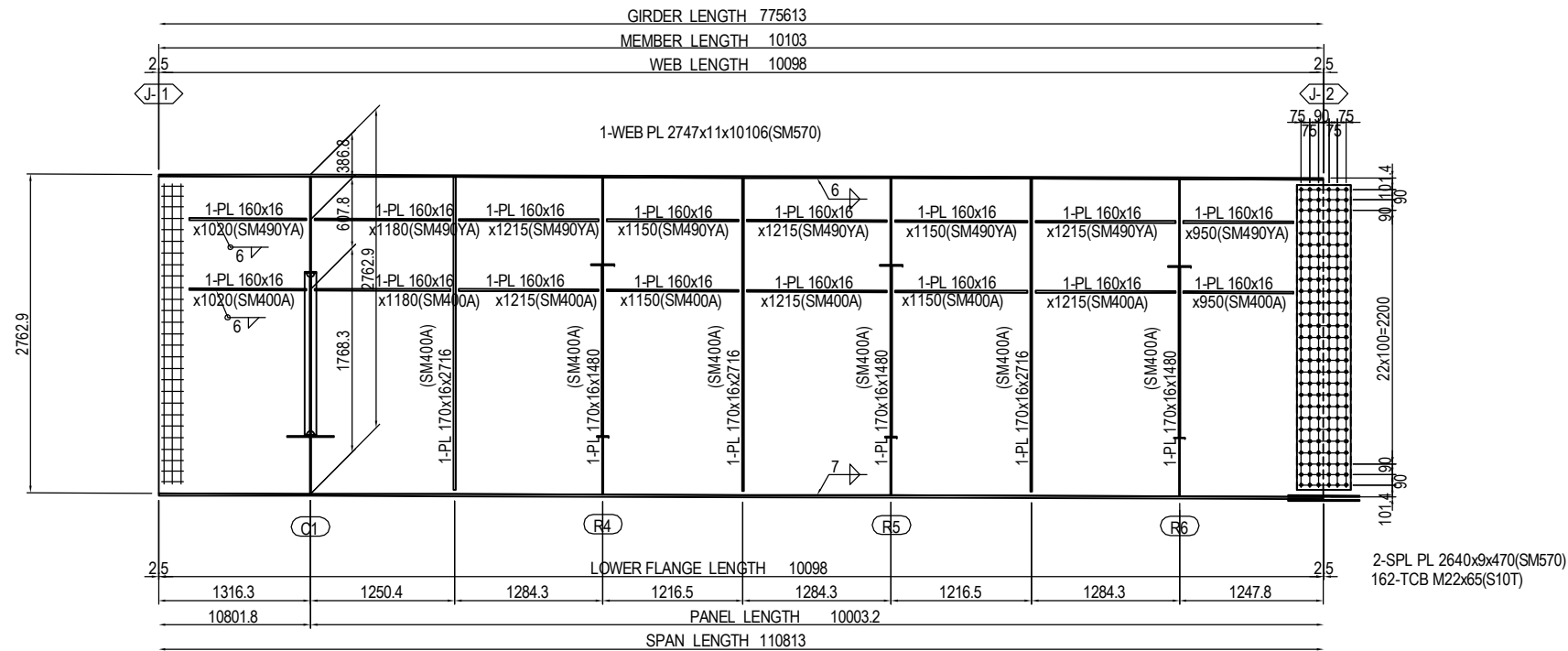
(RIB PLATE per set)
2-SPL PL 160x12x480(SM490YA)
12-TCB M22x80(S10T)

MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE <i>S. Imada</i>	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (1)	PACKAGE 2 DWG No. P2-SB-1201
				CHECKED BY T. HAYAKAWA	<i>T. Hayakawa</i>	20 Jun.2017		
				APPROVED BY Y. SANO	<i>Y. Sano</i>	21 Jun.2017		

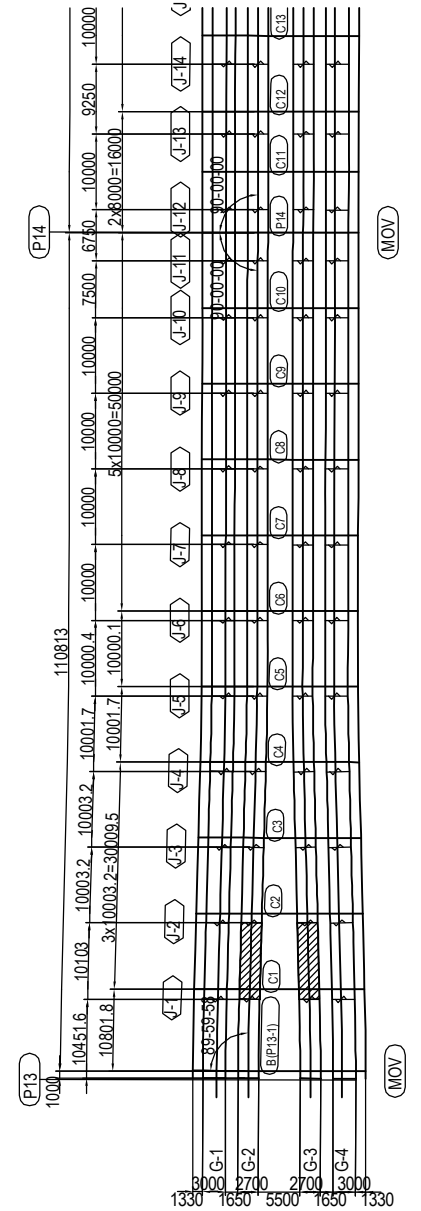
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (2) S=1:60



- 2-SPL PL 80x11x620(SM570)
- 4-SPL PL 620x11x620(SM570)
- 1-SPL PL 2930x10x620(SM570)
- 240-TCB M22x85(S10T)
- 1-FILL PL 2930x8x308(SS400)

- 3x75 100 3x75
=225 =225
- (RIB PLATE per set)
- 2-SPL PL 160x14x630(SM570)
- 16-TCB M22x85(S10T)

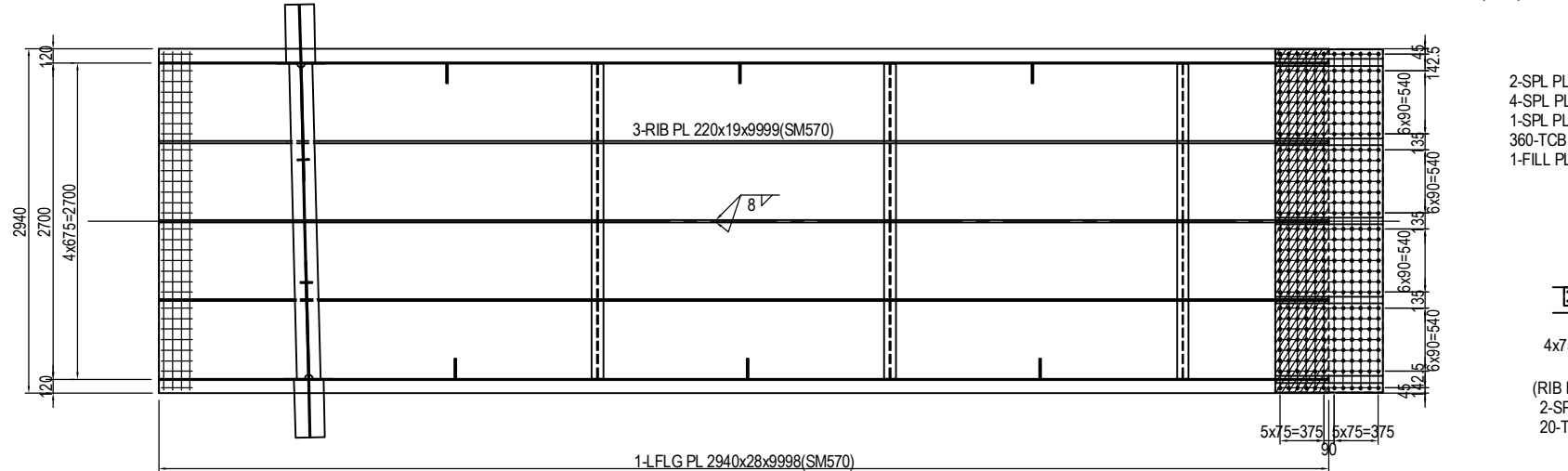
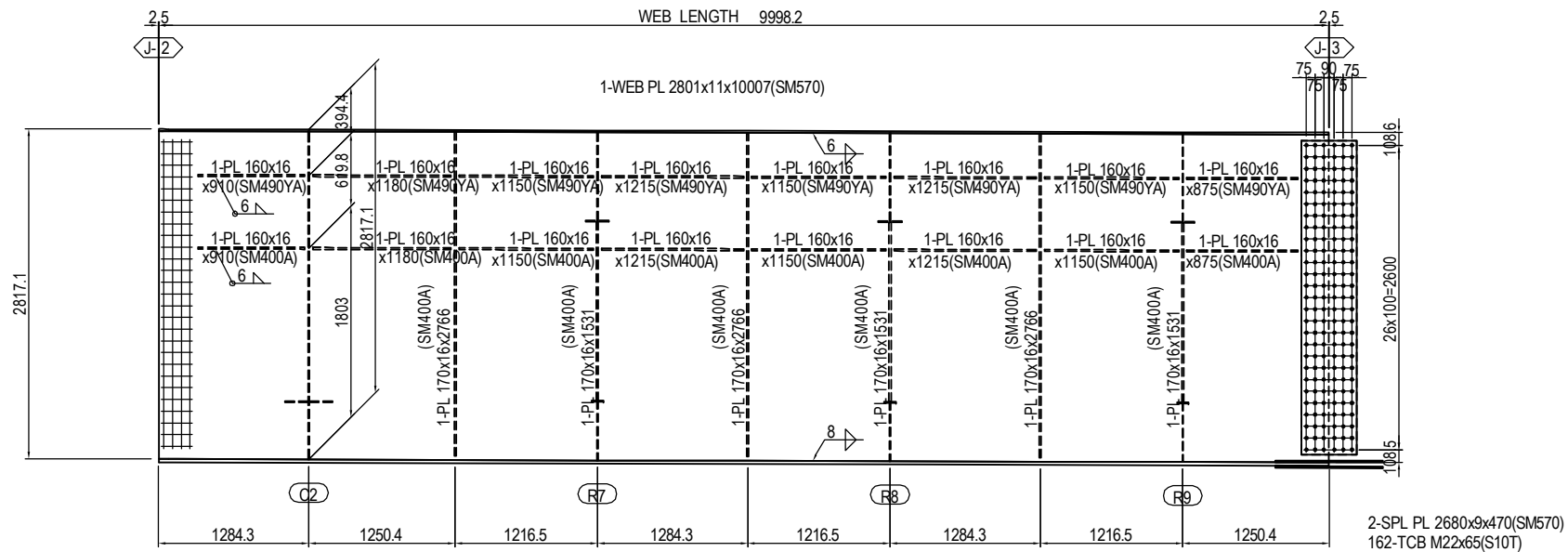
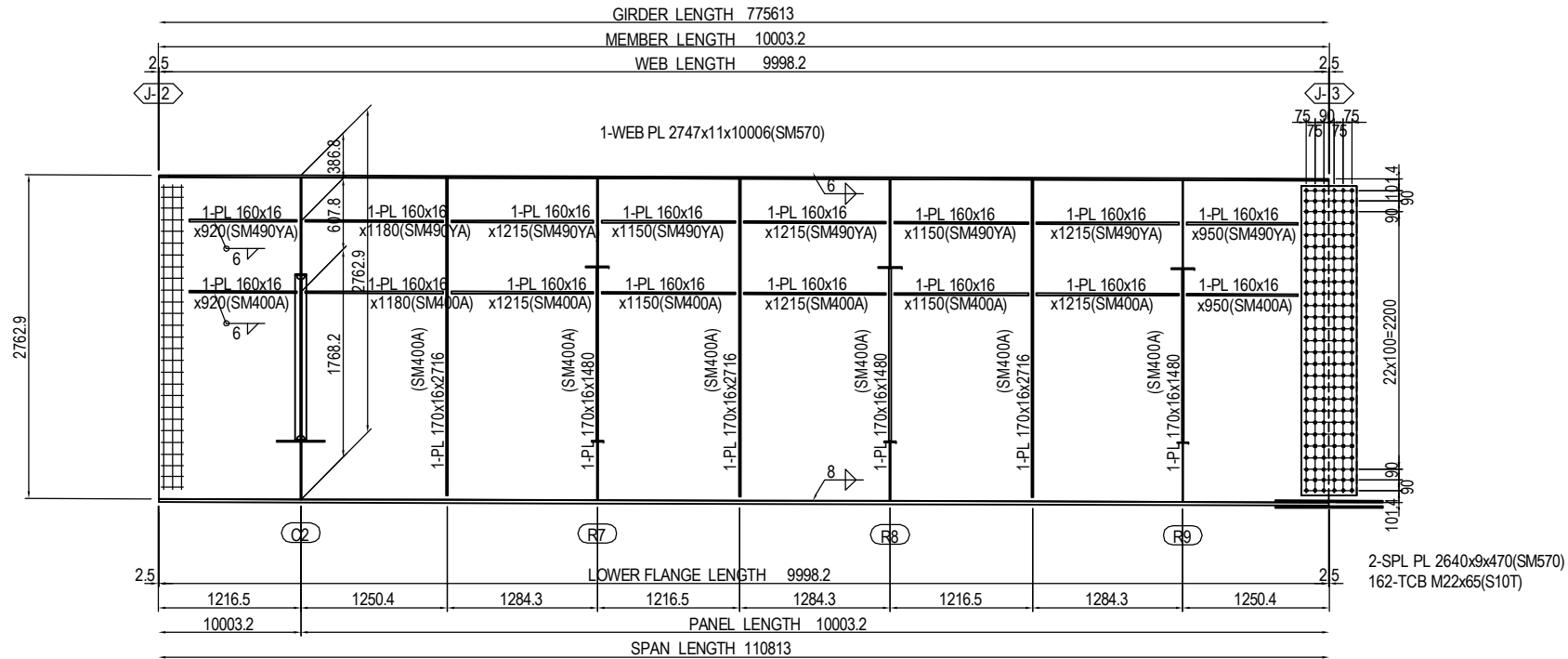
MARKING DIAGRAM



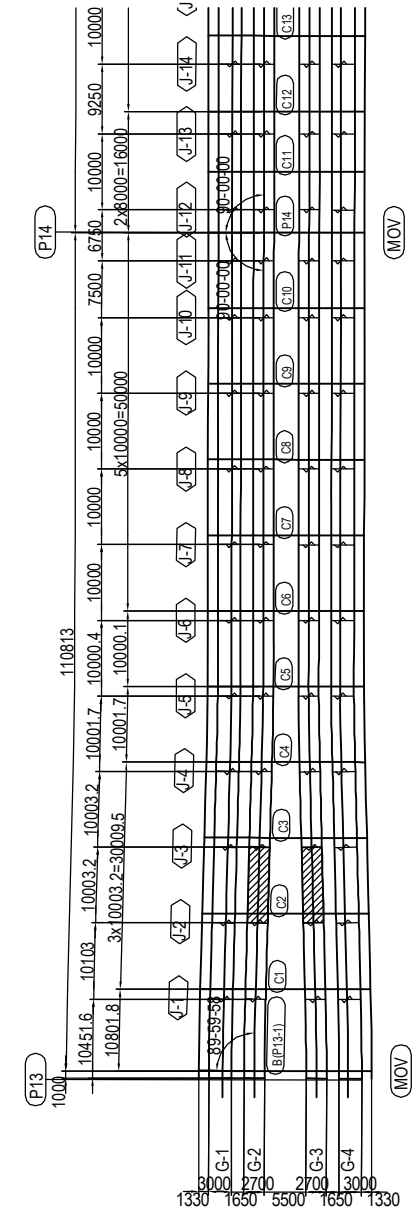
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (2)	PACKAGE 2 DWG No. P2-SB-1202
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (3)

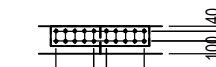
S=1:60



MARKING DIAGRAM



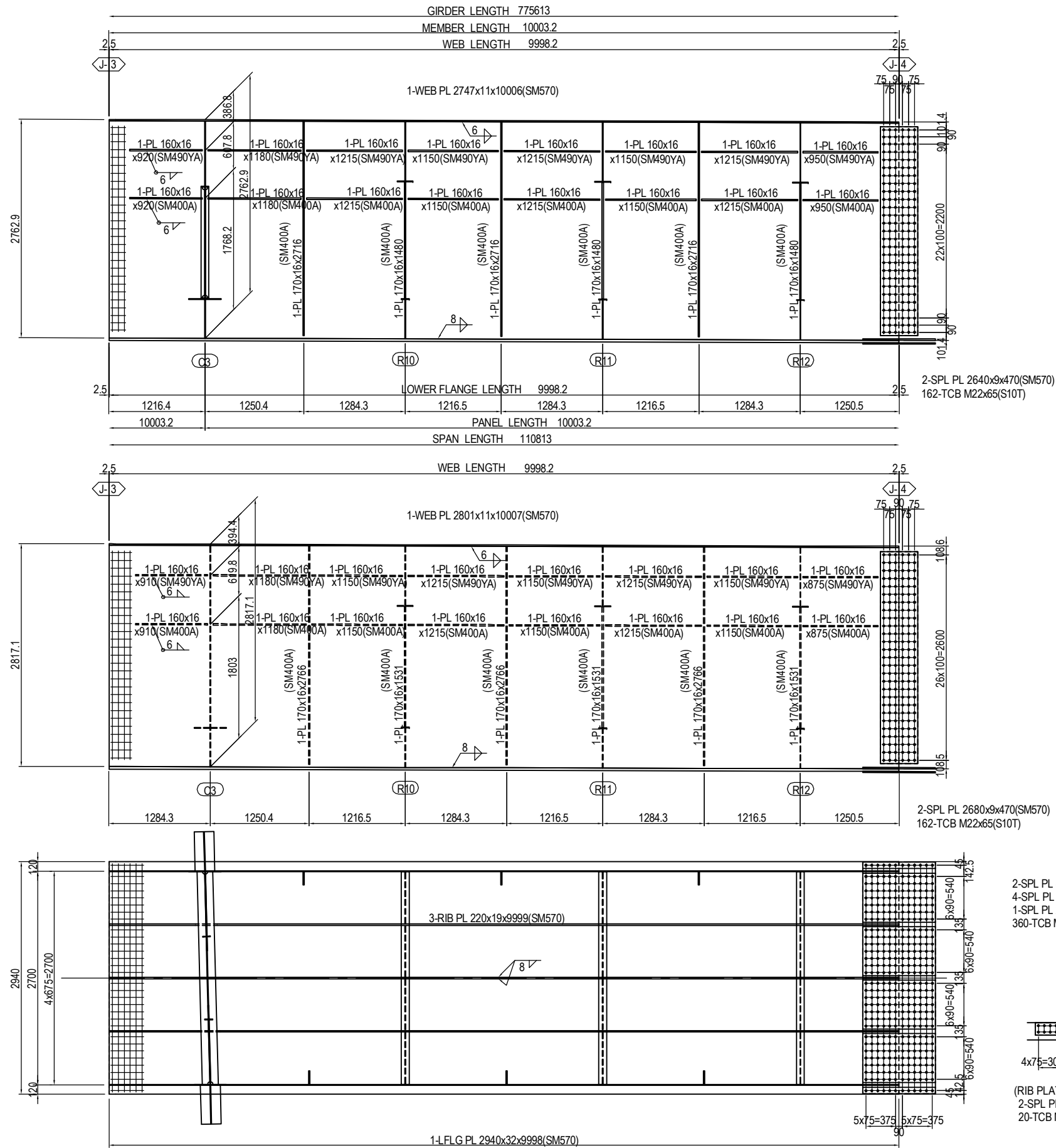
- 2-SPL PL 80x16x920(SM570)
- 4-SPL PL 620x16x920(SM570)
- 1-SPL PL 2930x14x920(SM570)
- 360-TCB M22x100(S10T)
- 1-FILL PL 2930x4.5x458(SS400)



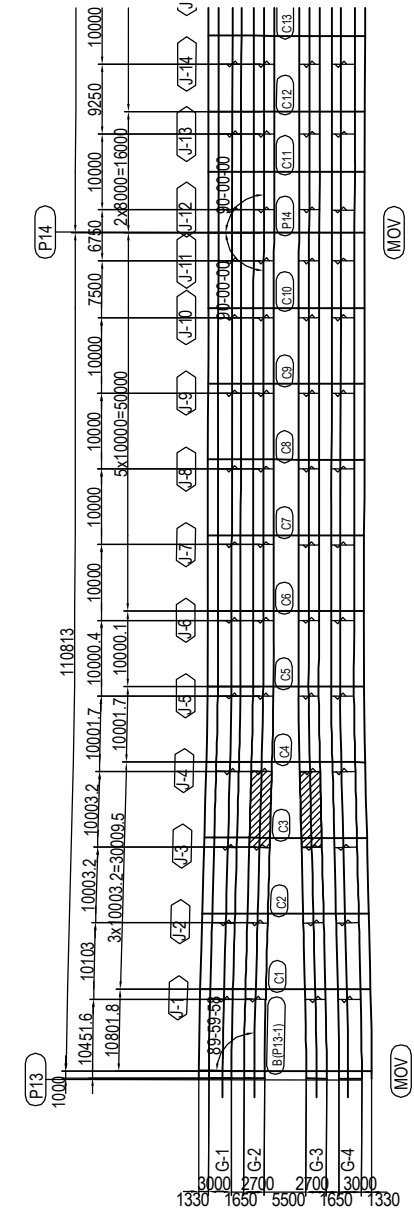
- (RIB PLATE per set)
- 2-SPL PL 160x15x780(SM570)
- 20-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (3)	PACKAGE 2 DWG No. P2-SB-1203
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		
				APPROVED BY	Y. SANO	21 Jun.2017		

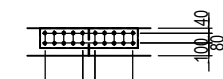
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (4) S=1:60



MARKING DIAGRAM



- 2-SPL PL 80x18x920(SM570)
- 4-SPL PL 620x18x920(SM570)
- 1-SPL PL 2930x16x920(SM570)
- 360-TCB M22x105(S10T)

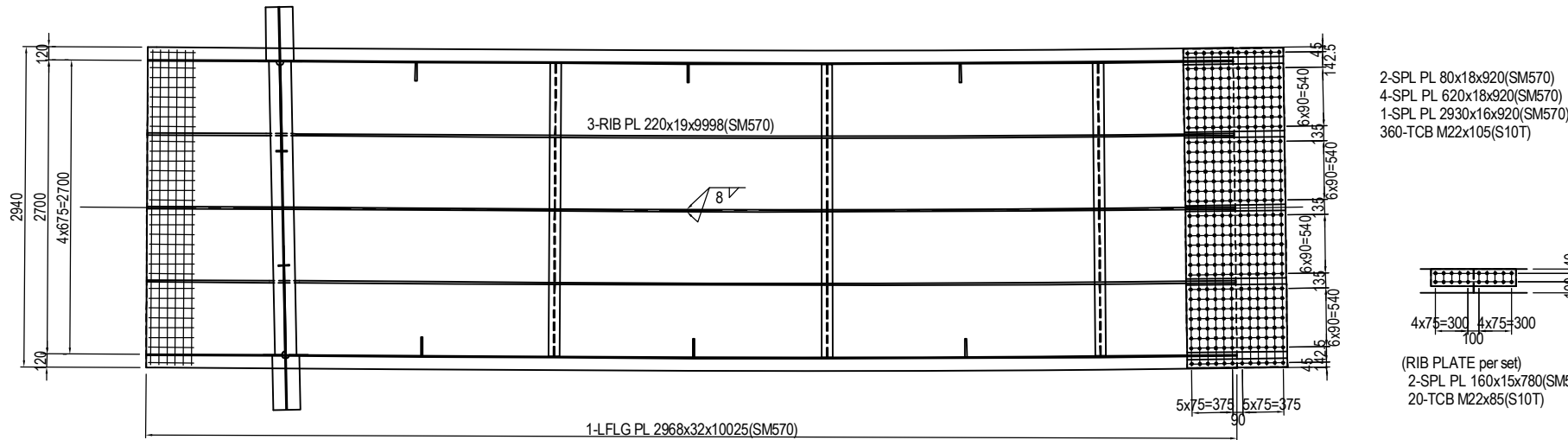
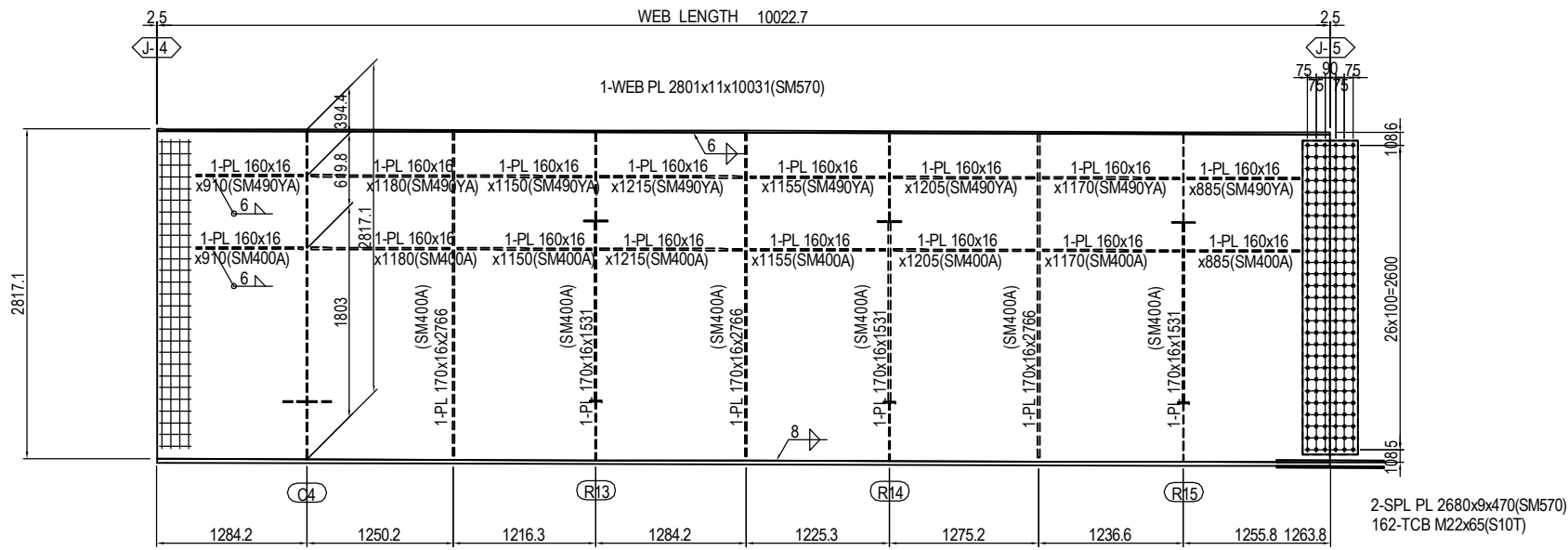
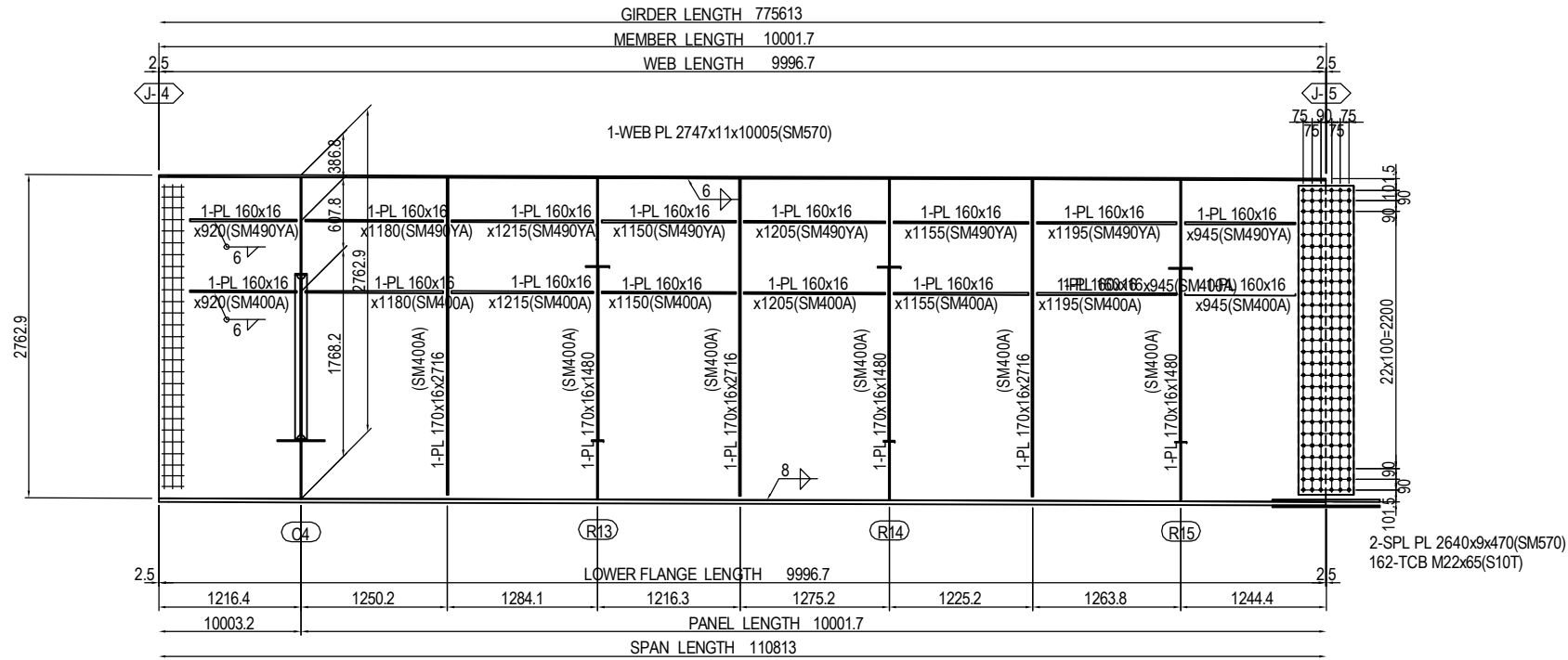


- (RIB PLATE per set)
- 2-SPL PL 160x15x780(SM570)
- 20-TCB M22x85(S10T)

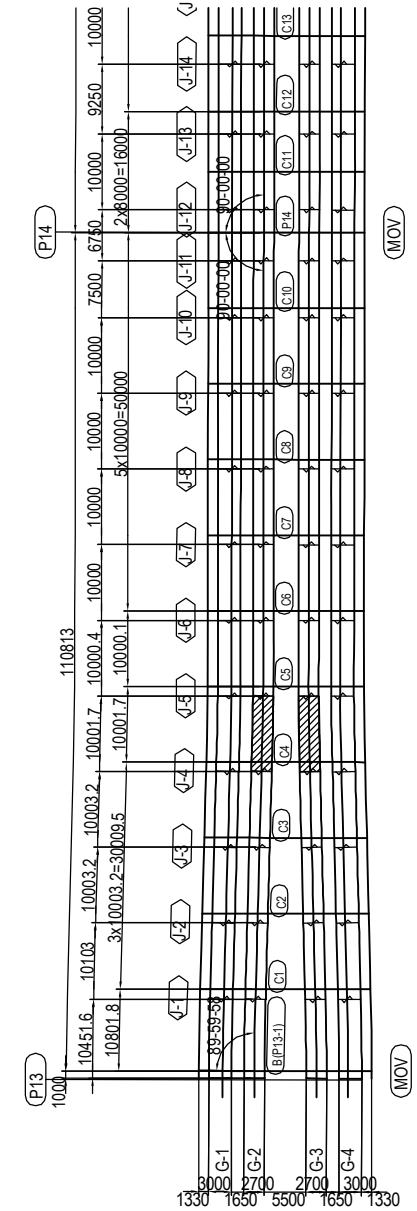
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	15 Jun.2017 20 Jun.2017 21 Jun.2017	DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (4)	2 DWG No. P2-SB-1204

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (5)

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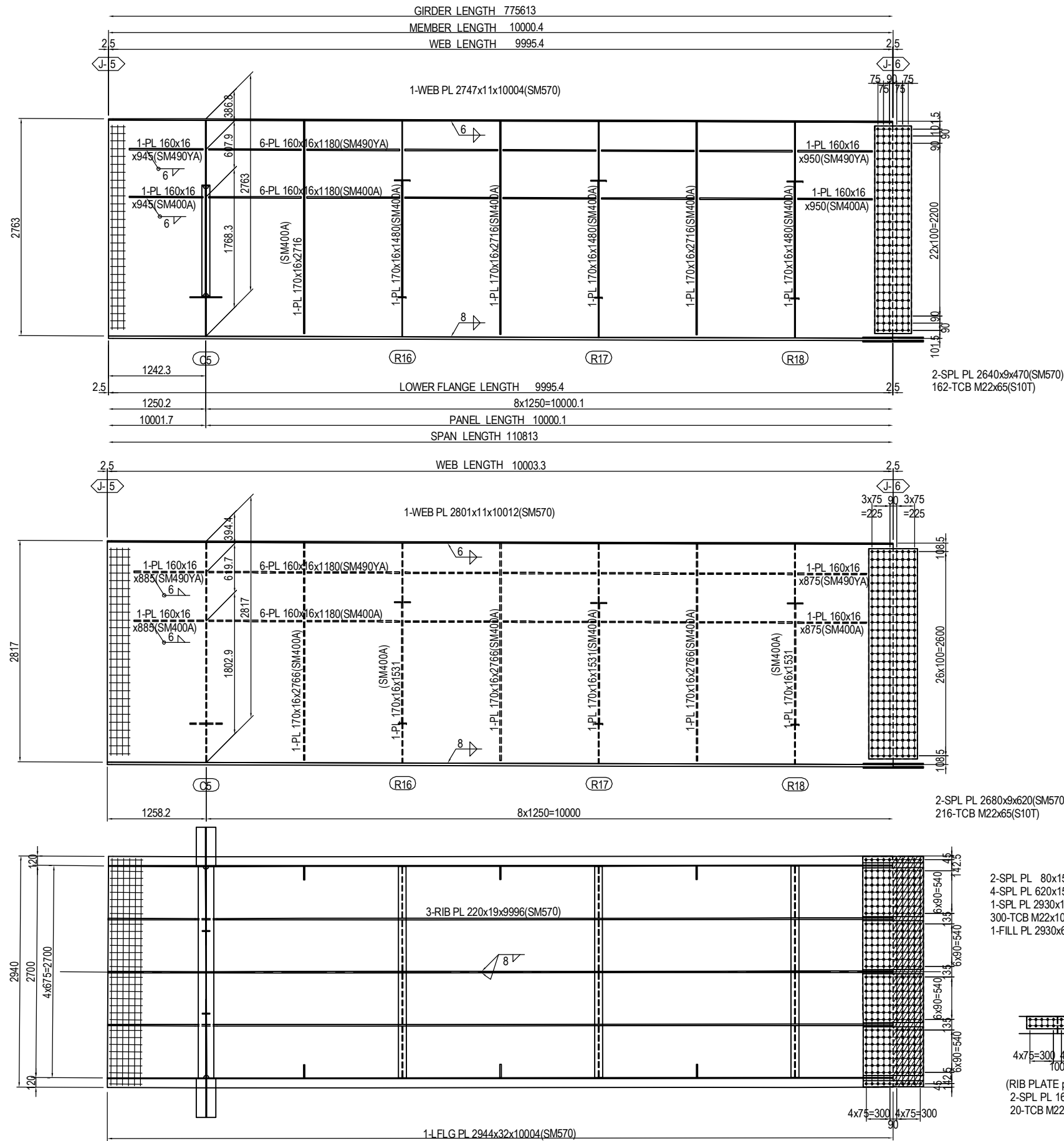


MARKING DIAGRAM



PROJECT NAME		FINANCED BY		COUNTERPART		JICA STUDY TEAM		NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT		JAPAN INTERNATIONAL COOPERATION AGENCY		REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE		NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.		PREPARED BY	S. IMADA	15 Jun.2017	DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (5)	2
								CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
								APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1205

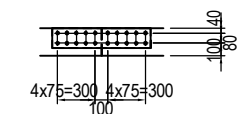
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (6) S=1:60



2-SPL PL 2640x9x470(SM570)
162-TCB M22x65(S10T)

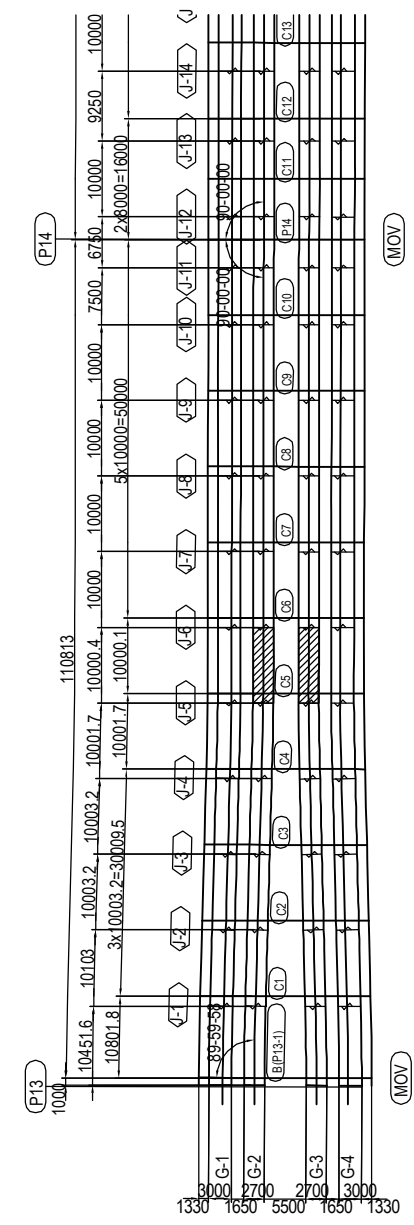
2-SPL PL 2680x9x620(SM570)
216-TCB M22x65(S10T)

2-SPL PL 80x15x770(SM570)
4-SPL PL 620x15x770(SM570)
1-SPL PL 2930x14x770(SM570)
300-TCB M22x100(S10T)
1-FILL PL 2930x6x383(SS400)



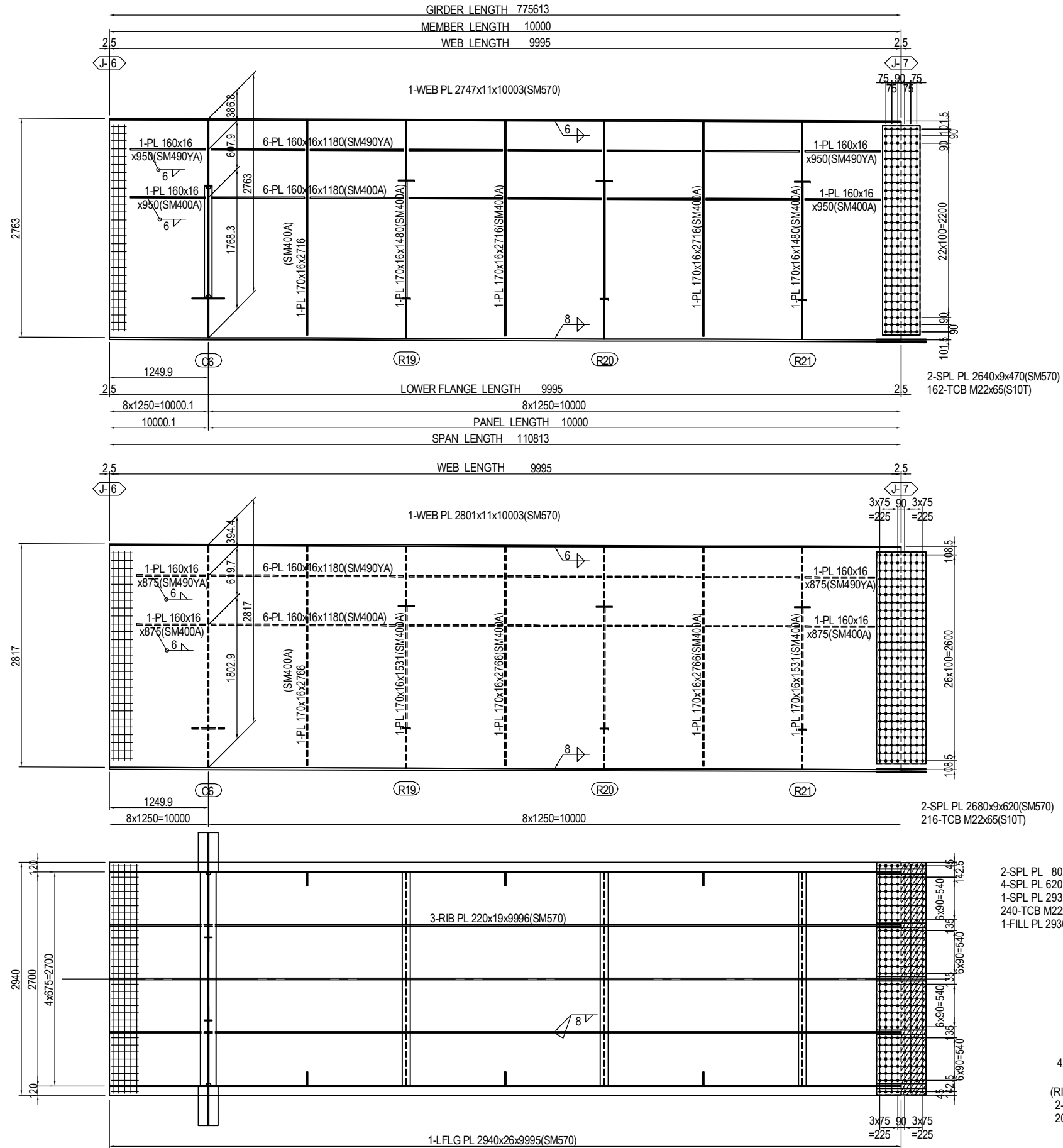
(RIB PLATE per set)
2-SPL PL 160x15x780(SM570)
20-TCB M22x85(S10T)

MARKING DIAGRAM

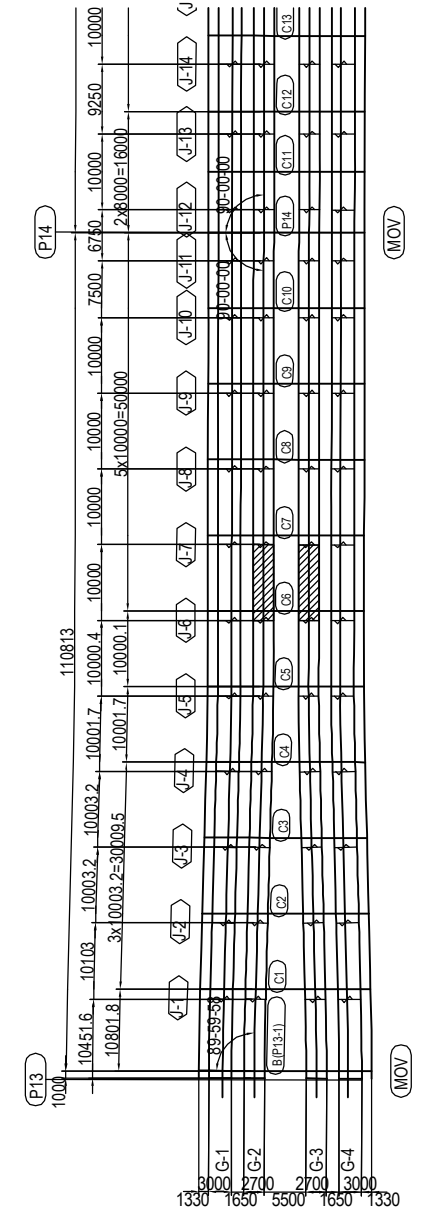


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (6)	PACKAGE 2 DWG No. P2-SB-1206
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (7) S=1:60

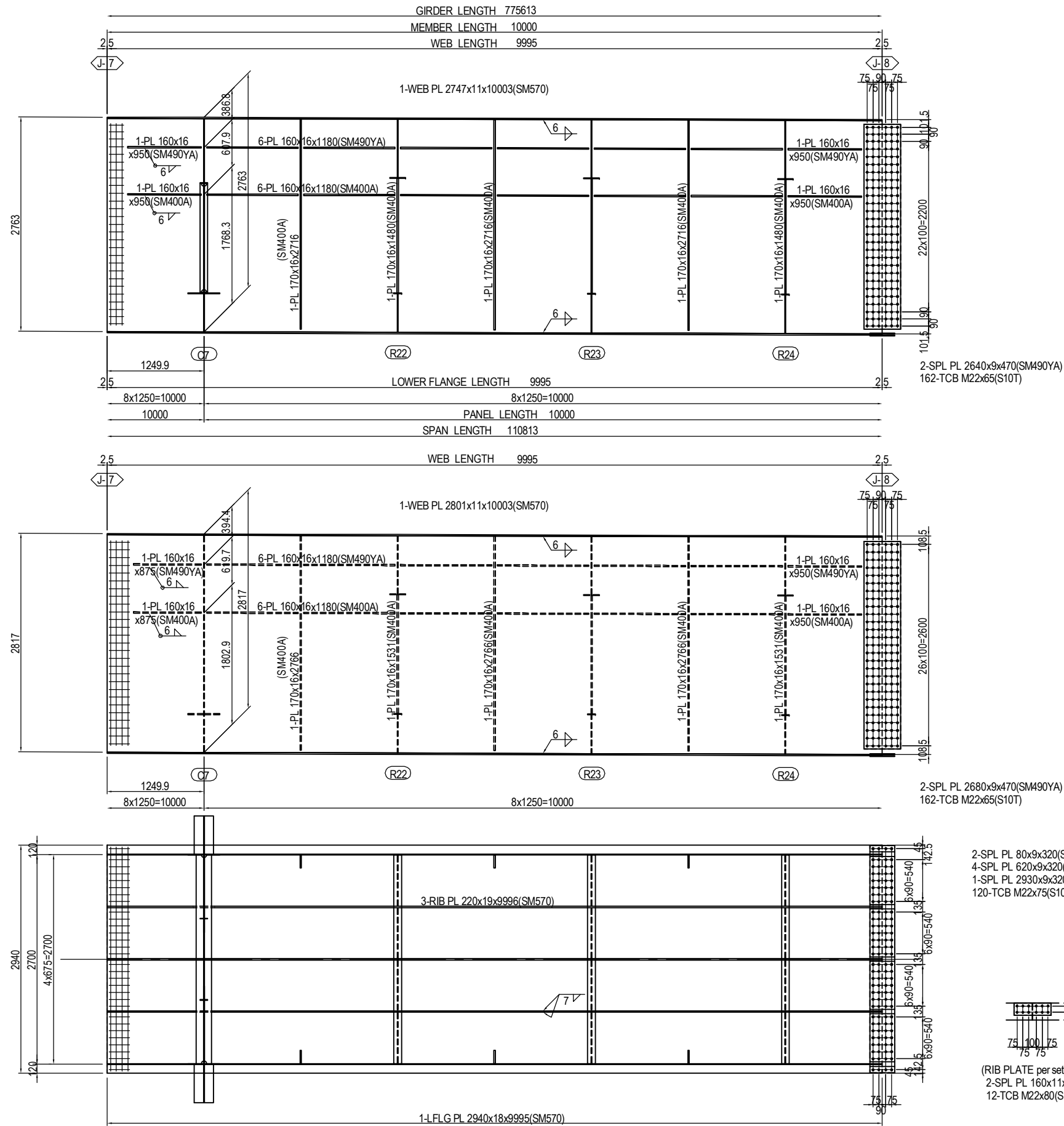


MARKING DIAGRAM

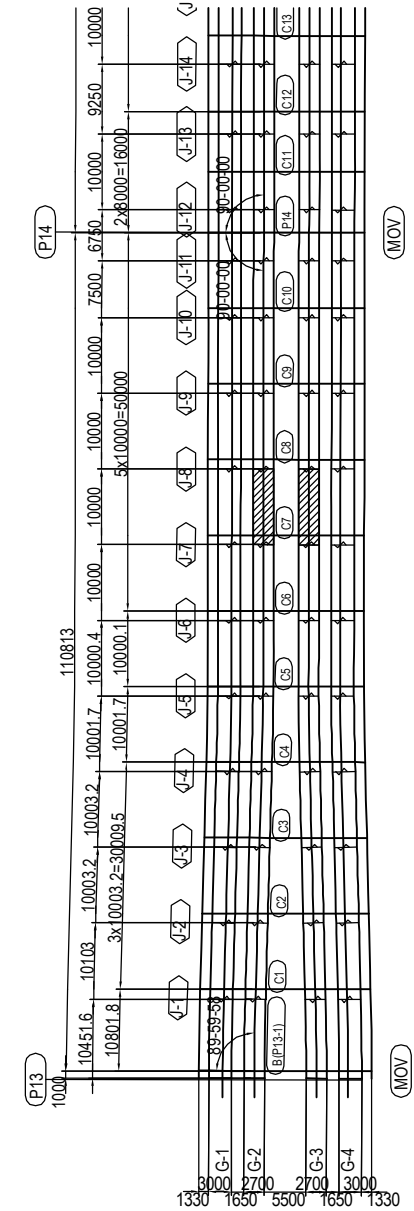


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (7)	PACKAGE 2 DWG No. P2-SB-1207
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (8) S=1:60



MARKING DIAGRAM

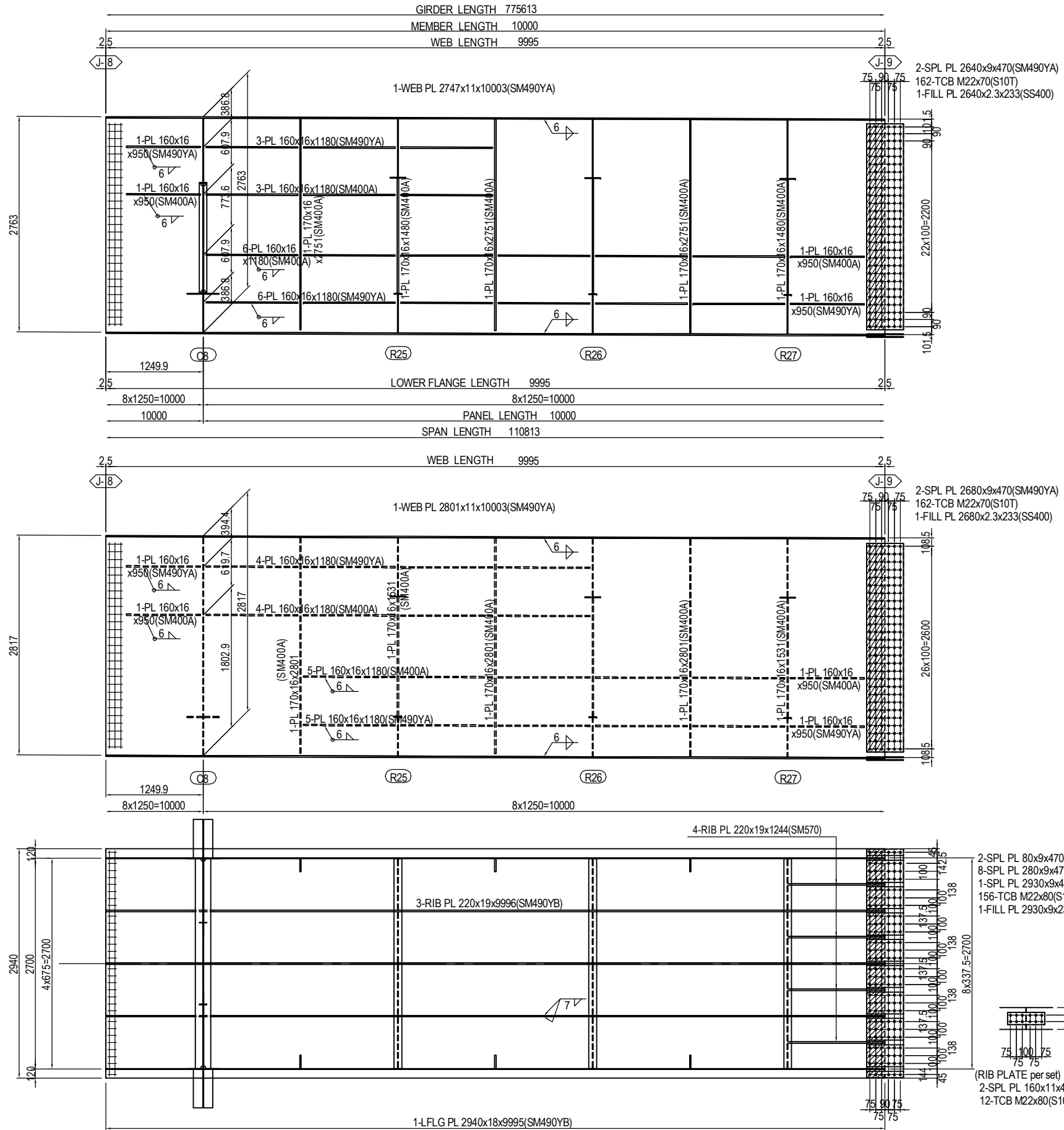


- 2-SPL PL 80x9x320(SM490YA)
- 4-SPL PL 620x9x320(SM490YA)
- 1-SPL PL 2930x9x320(SM490YA)
- 120-TCB M22x75(S10T)

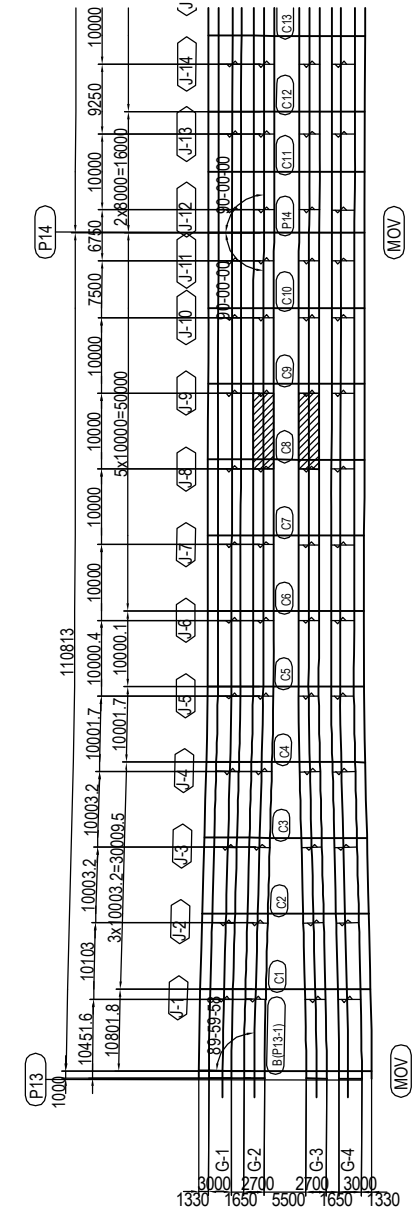
(RIB PLATE per set)
 2-SPL PL 160x11x480(SM490YA)
 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (8)	PACKAGE 2 DWG No. P2-SB-1208
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (9) S=1:60

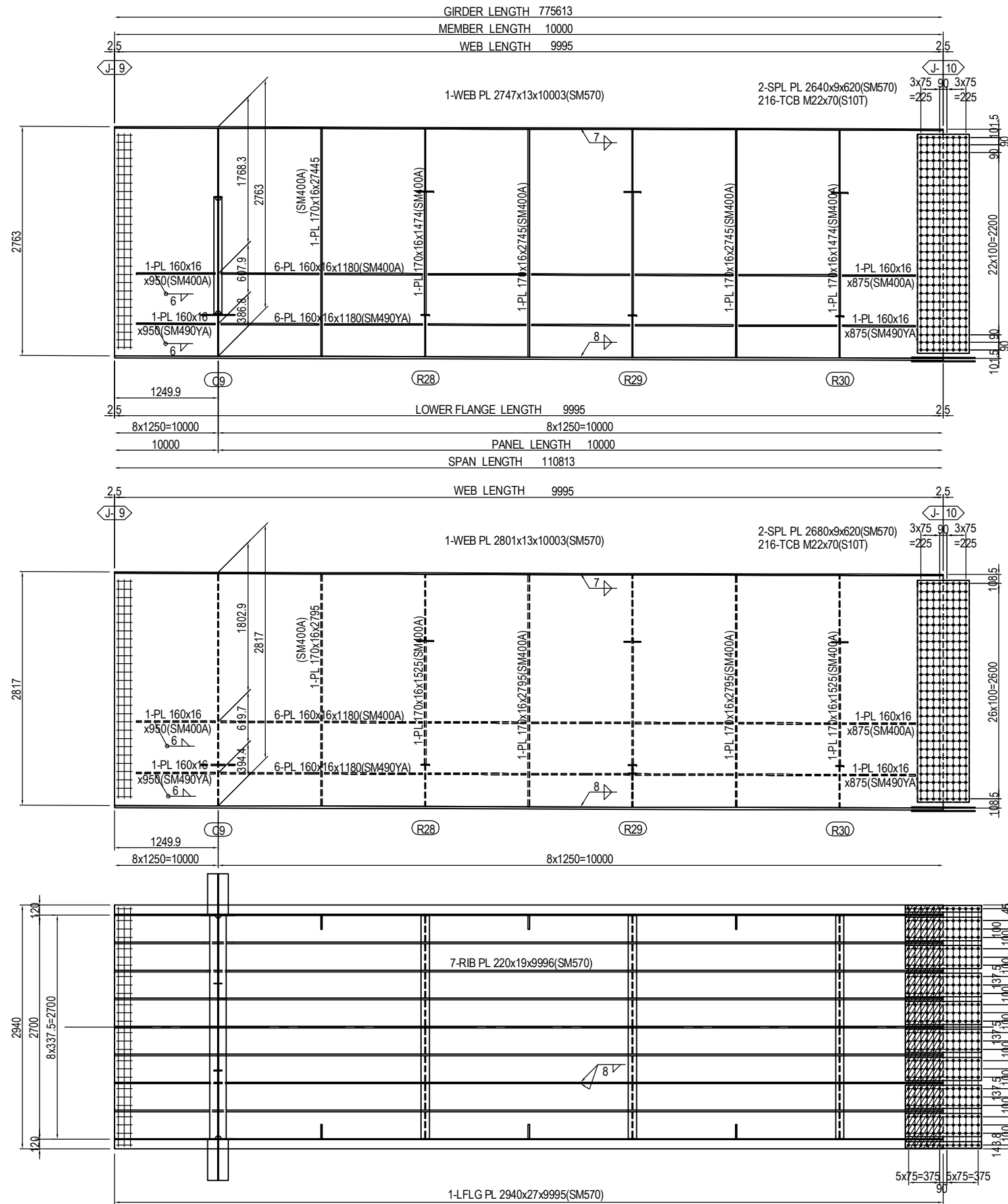


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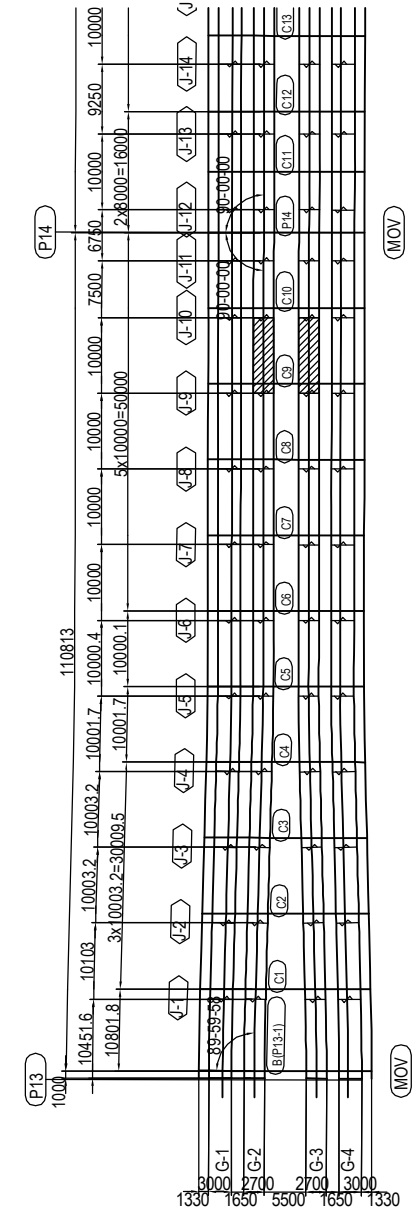


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (9)</h3>	PACKAGE 2 DWG No. P2-SB-1209
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (10) S=1:60



MARKING DIAGRAM

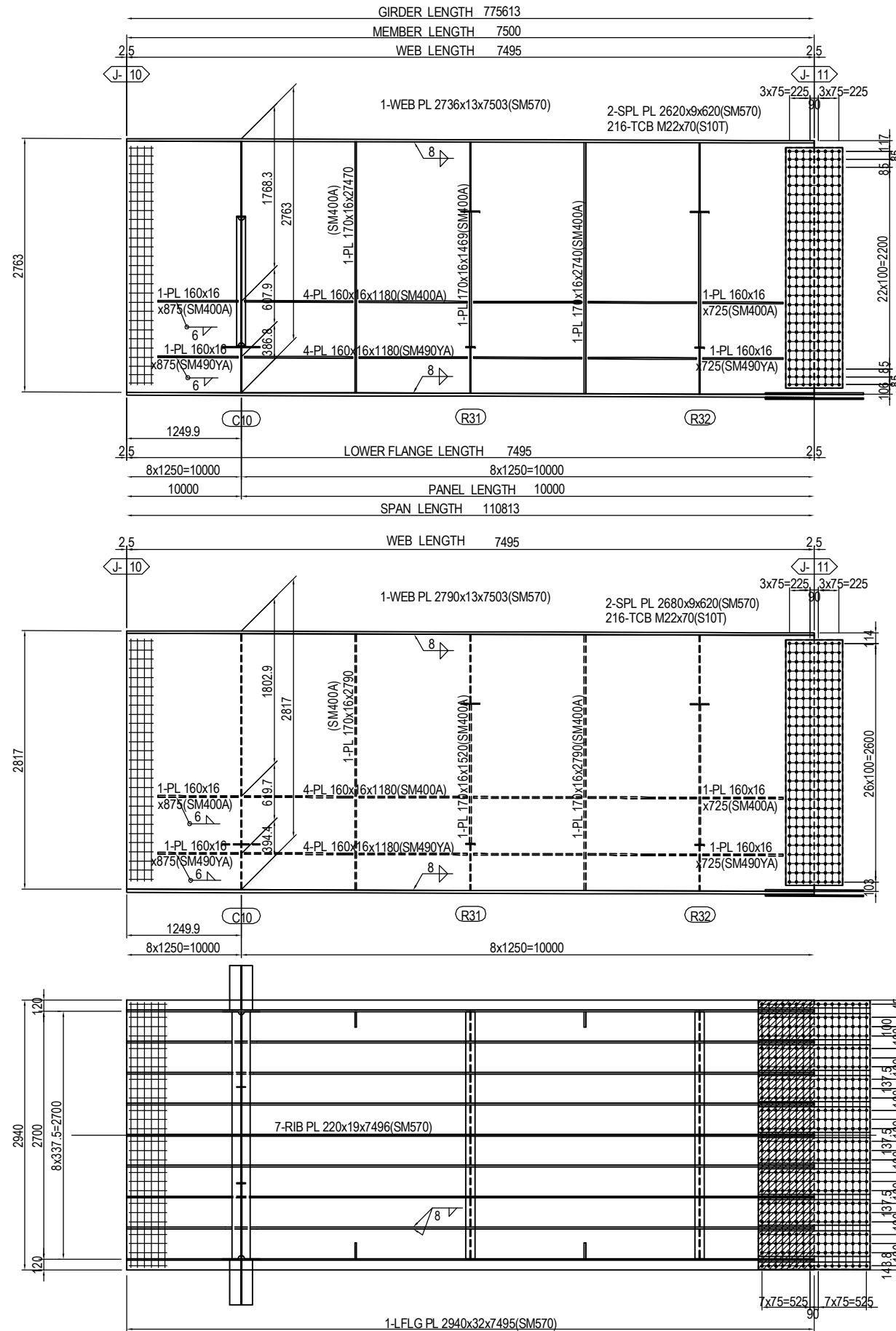


- 2-SPL PL 80x13x920 (SM570)
- 8-SPL PL 280x13x920 (SM570)
- 1-SPL PL 2930x11x920 (SM570)
- 312-TCB M22x95 (S10T)
- 1-FILL PL 2930x4.5x458 (SS400)

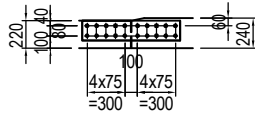
- (RIB PLATE per set)
- 2-SPL PL 160x10x630 (SM570)
- 16-TCB M22x75 (S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (10)	PACKAGE 2 DWG No. P2-SB-1210
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

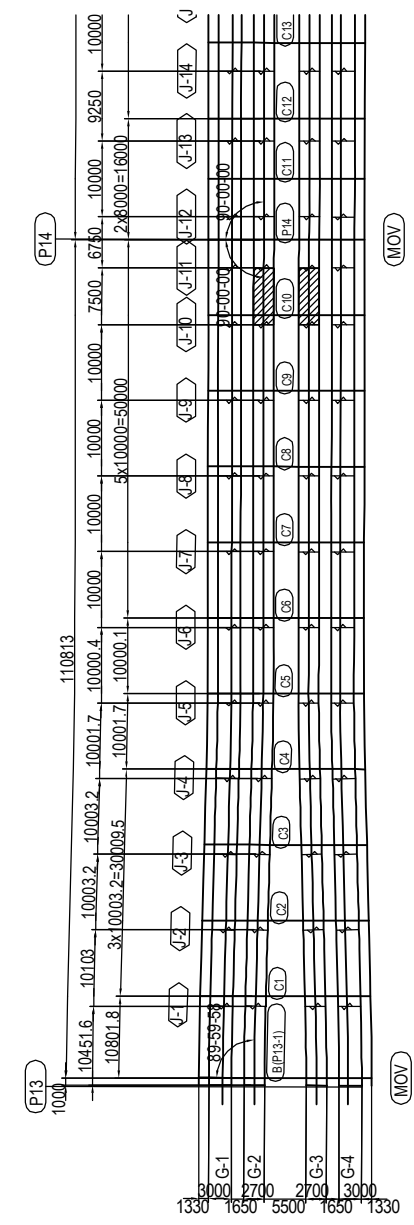
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (11) S=1:60



- 2-SPL PL 80x17x12200(SM570)
 - 8-SPL PL 280x17x12200(SM570)
 - 1-SPL PL 2930x15x1220(SM570)
 - 416-TCB M22x105(S10T)
 - 1-FILL PL 2930x8x608(SS400)
-
- (RIB PLATE per set)
 2-SPL PL 160x11x780(SM570)
 20-TCB M22x80(S10T)

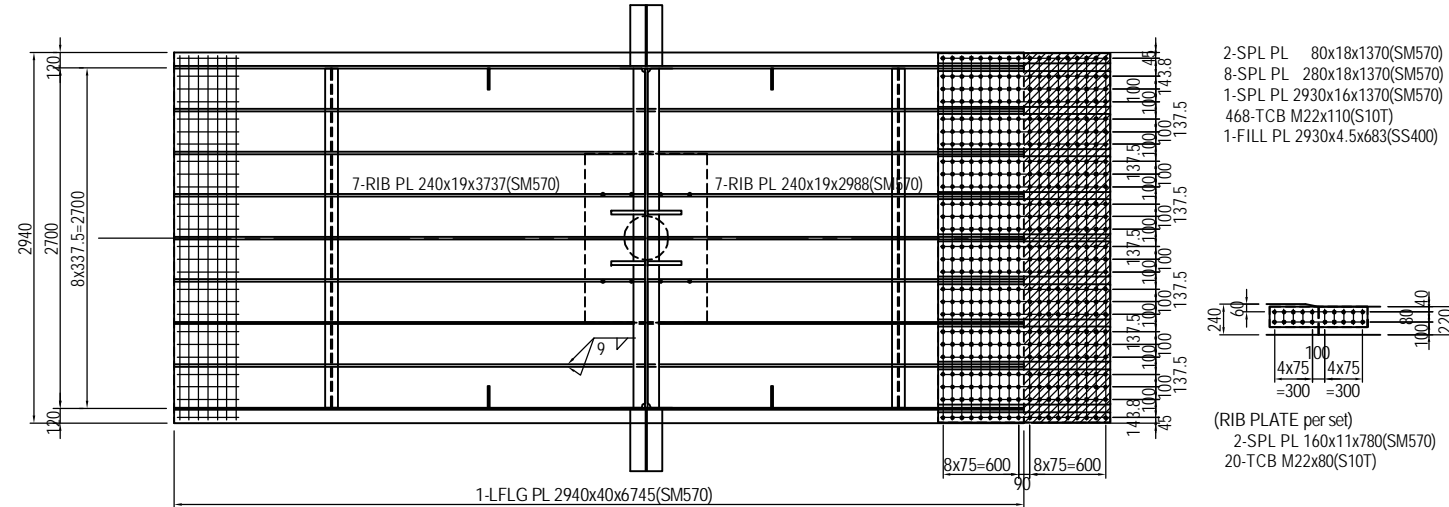
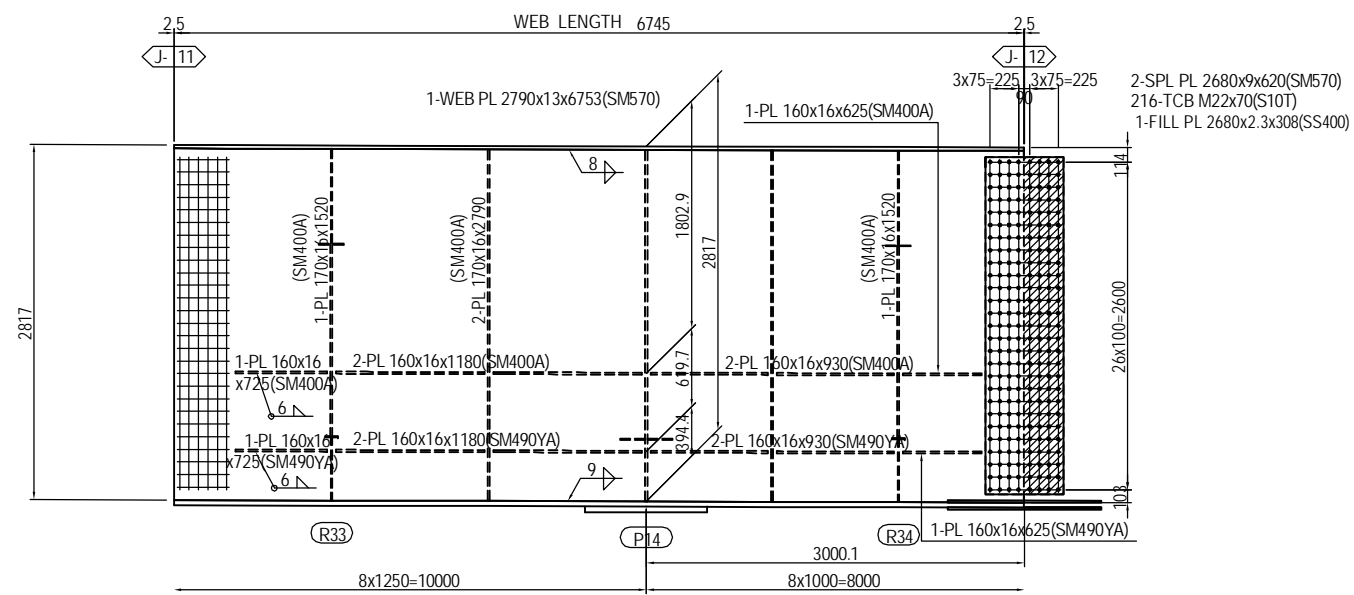
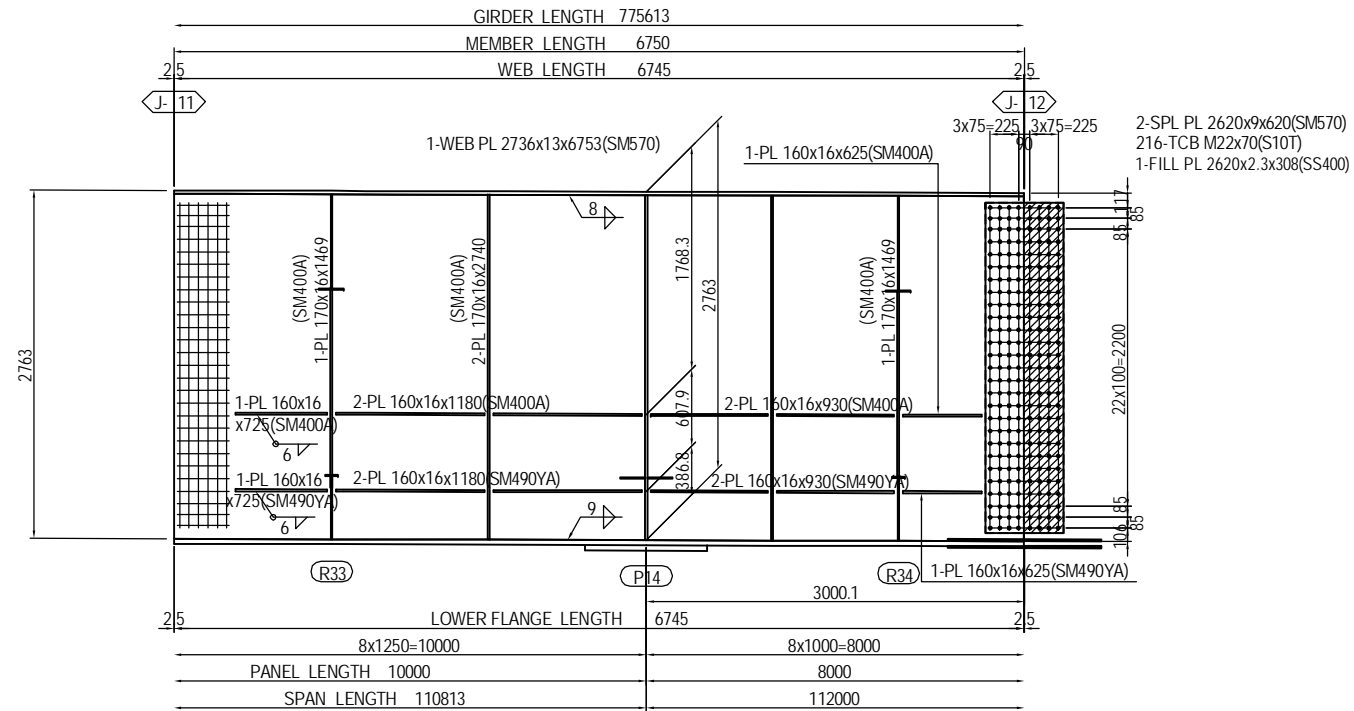


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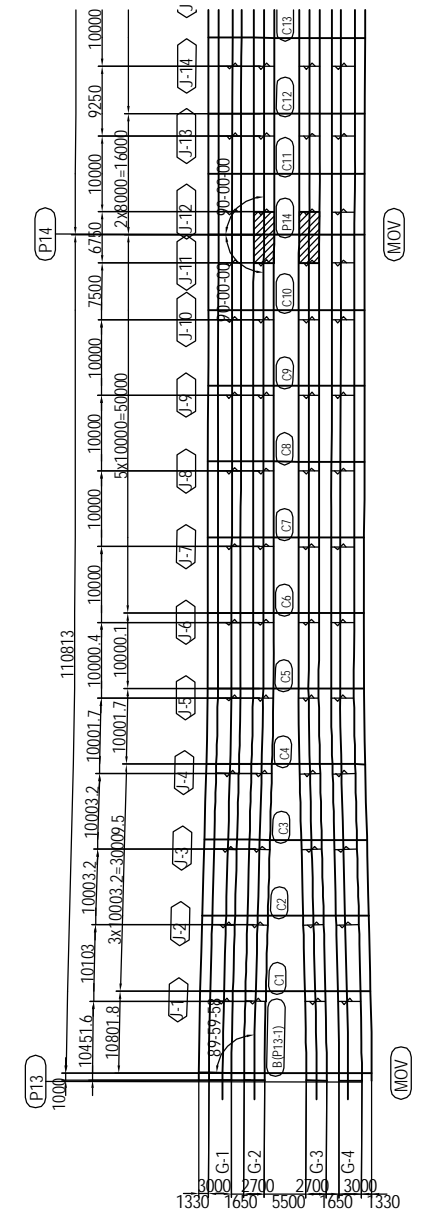


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (11)</h3>	PACKAGE 2 DWG No. P2-SB-1211
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (12) S=1:60

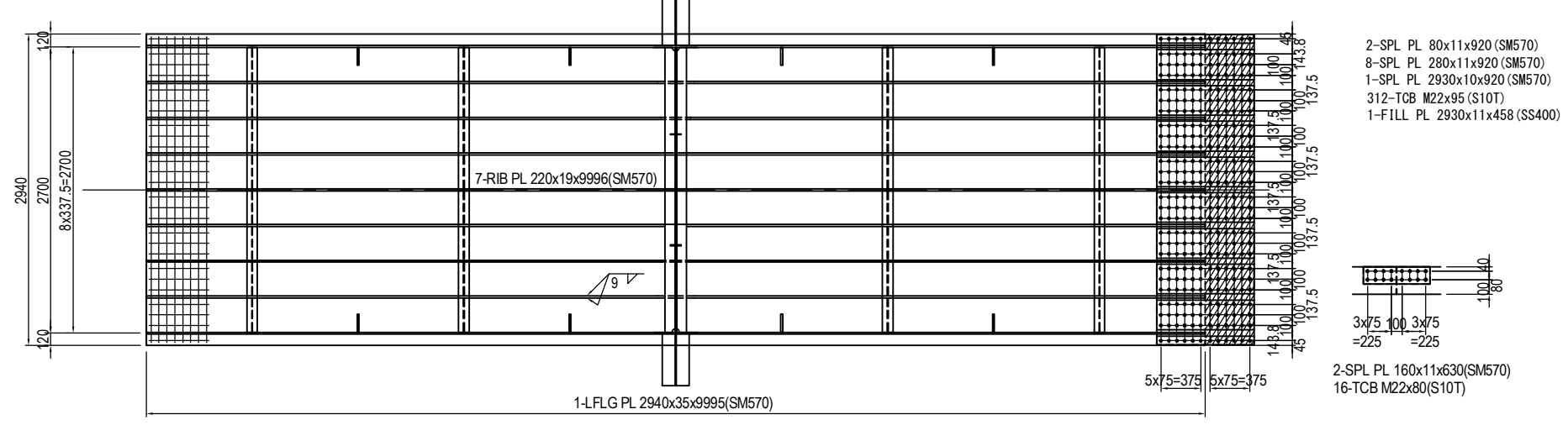
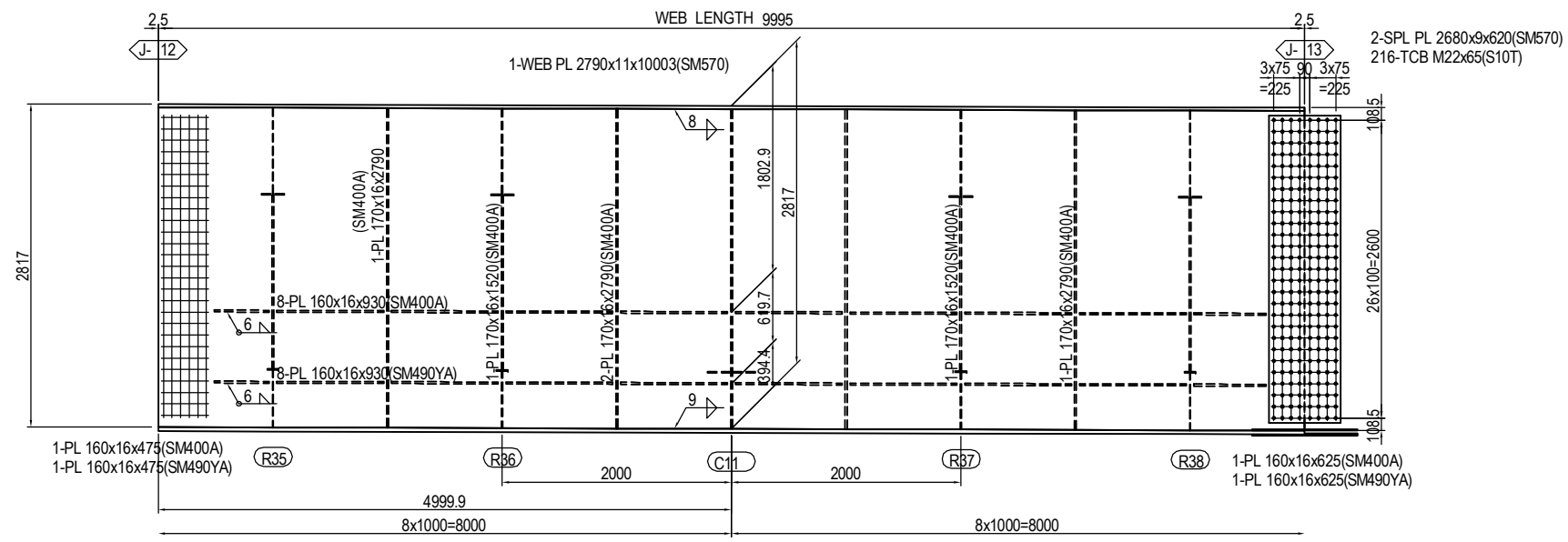
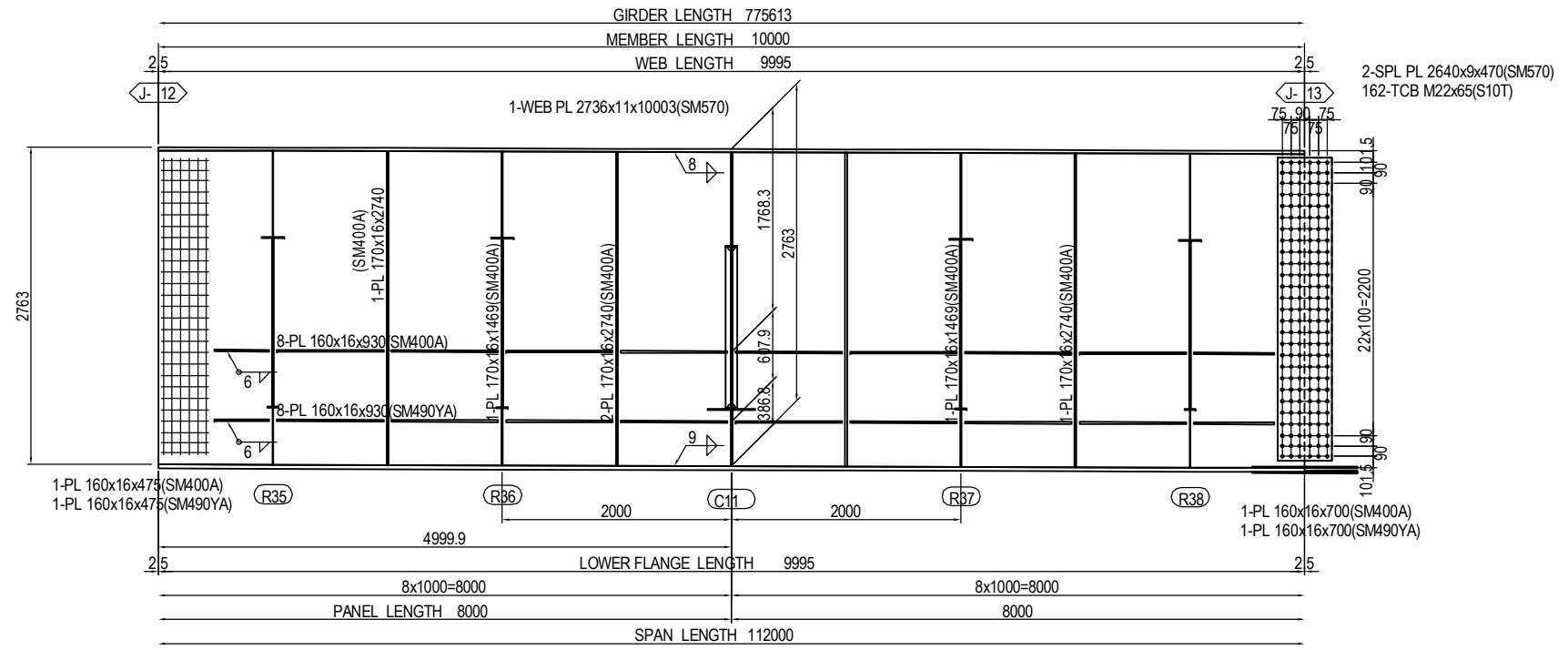


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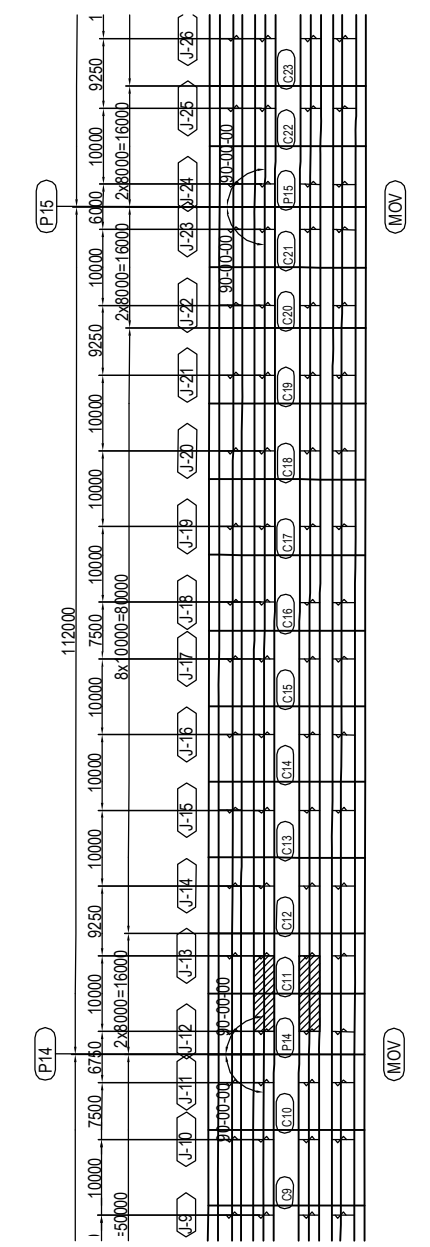


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO. LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (12)	PACKAGE 2 DWG No. P2-SB-1212
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (13) S=1:60

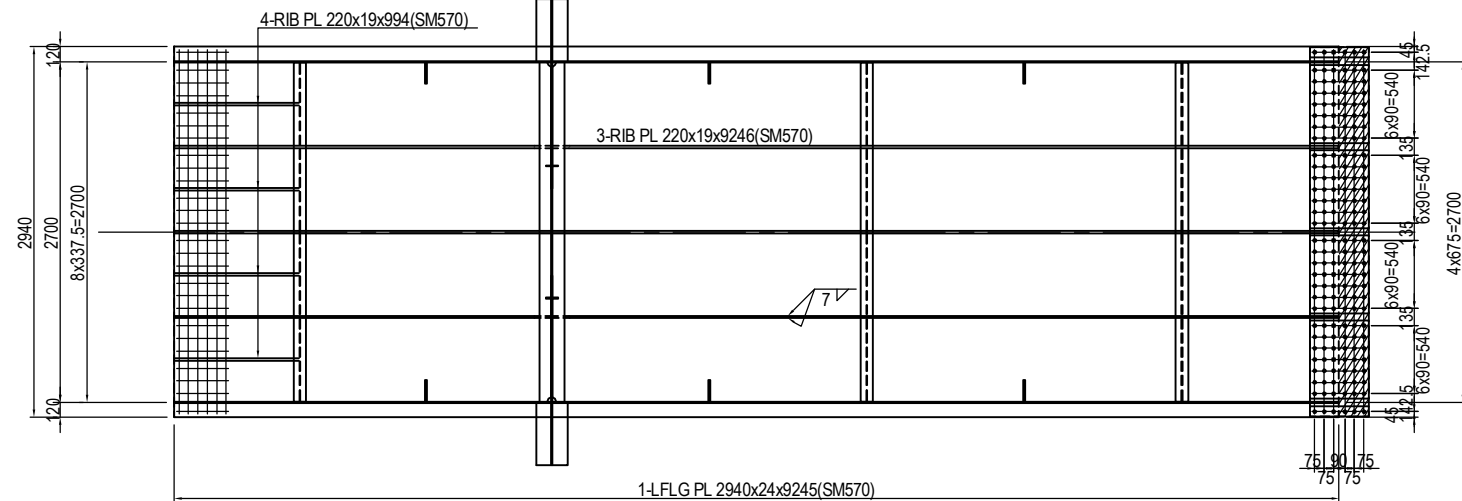
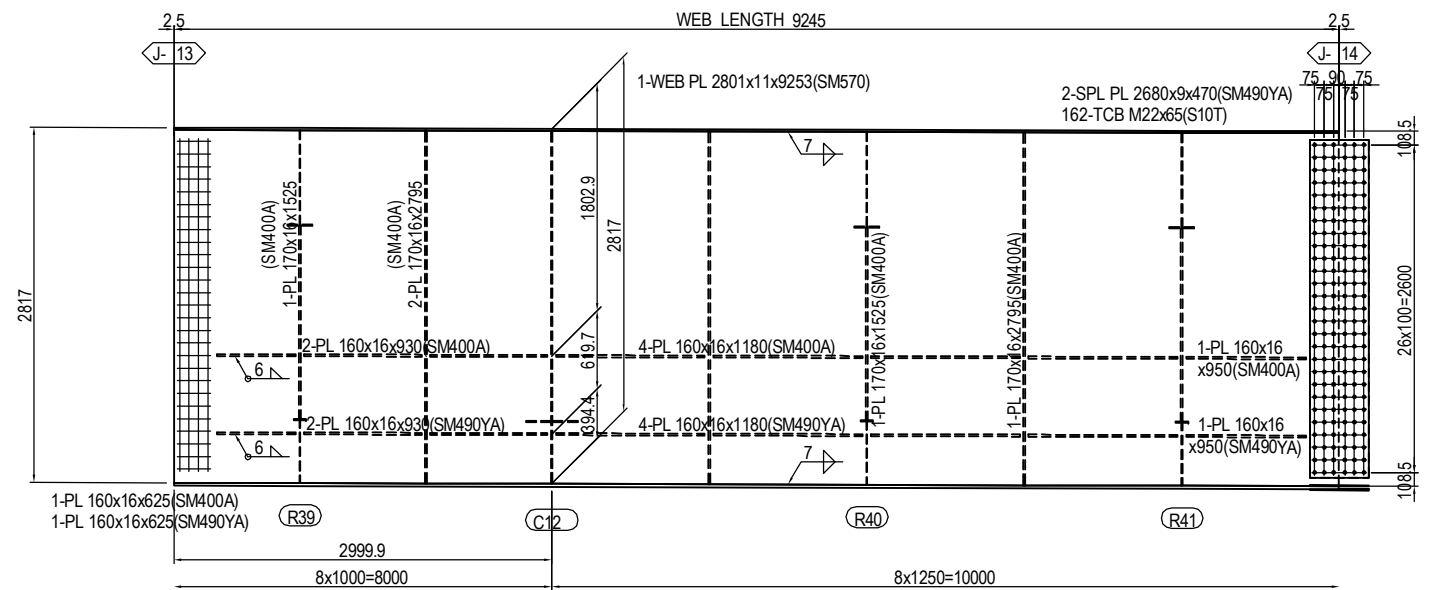
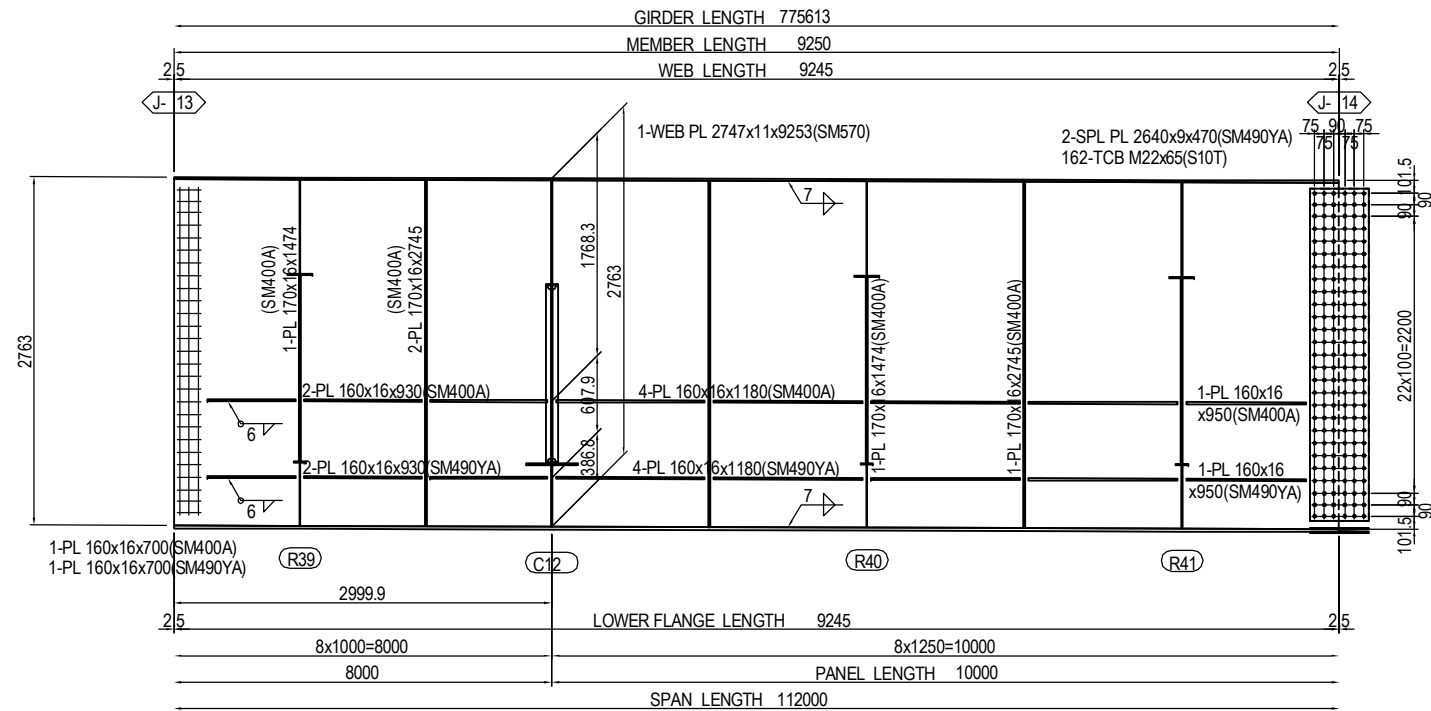


MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (13)	PACKAGE 2 DWG No. P2-SB-1213
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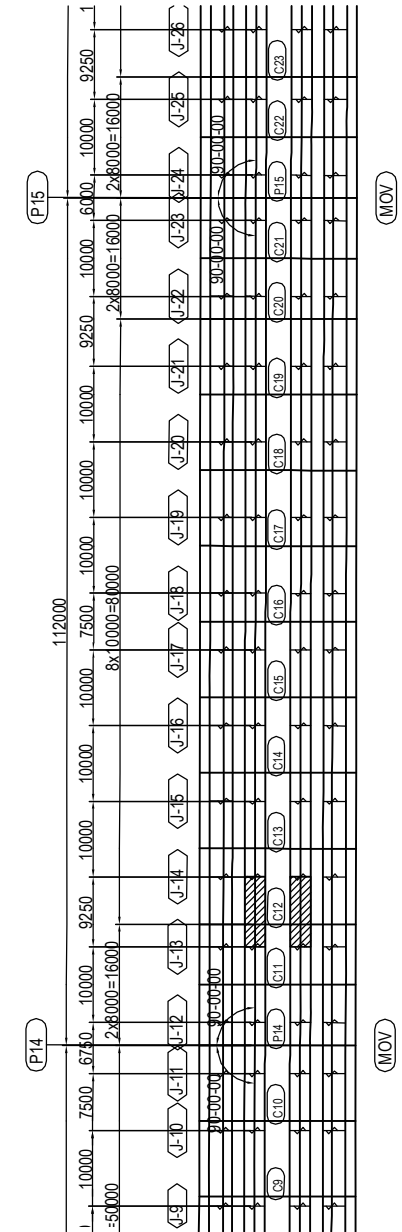
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (14) S=1:60



- 2-SPL PL 80x9x470(SM490YA)
- 4-SPL PL 620x9x470(SM490YA)
- 1-SPL PL 2930x9x470(SM490YA)
- 180-TCB M22x80(S10T)
- 1-FILL PL 2930x4.5x233(SS400)

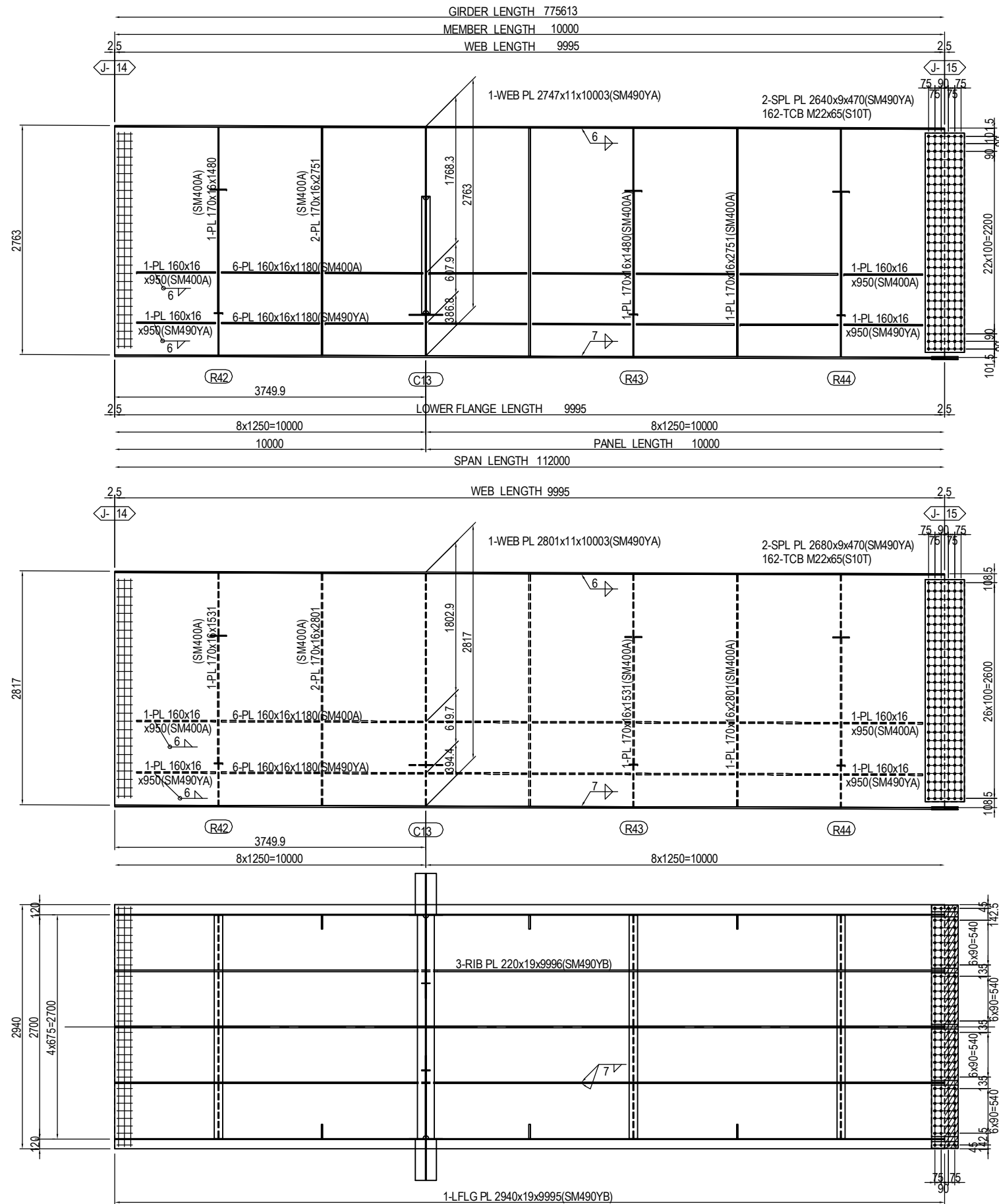
- (RIB PLATE per set)
- 2-SPL PL 160x9x480(SM490YA)
- 12-TCB M22x75(S10T)

MARKING DIAGRAM

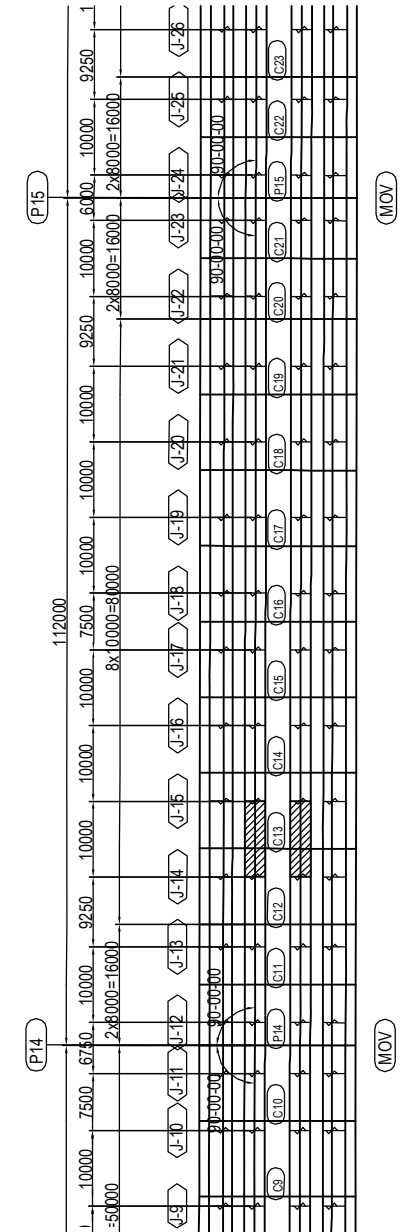


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (14)	PACKAGE 2 DWG No. P2-SB-1214
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (15) S=1:60

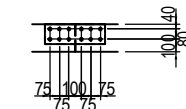


MARKING DIAGRAM



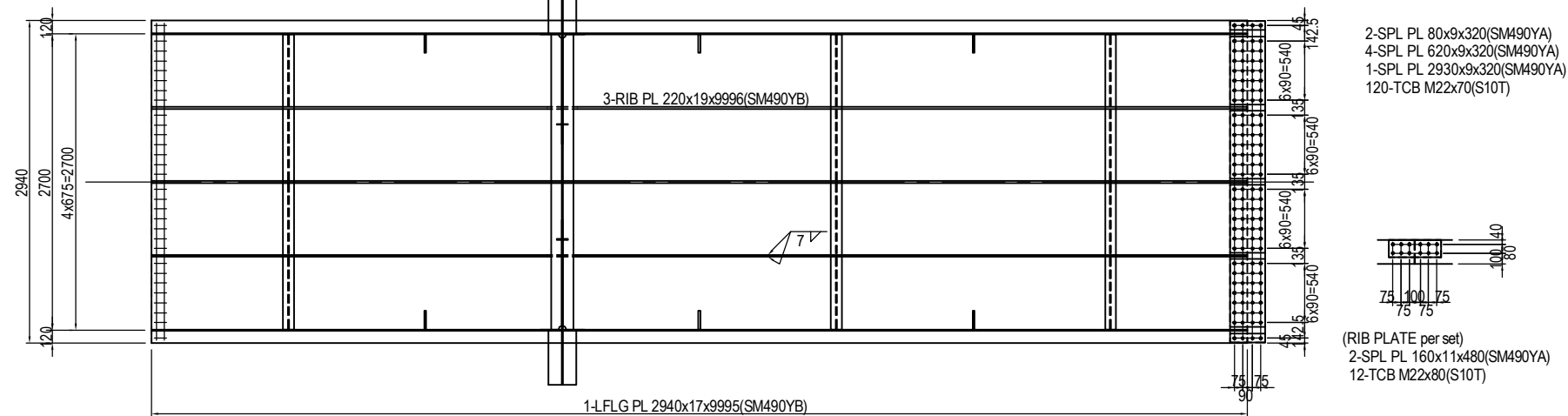
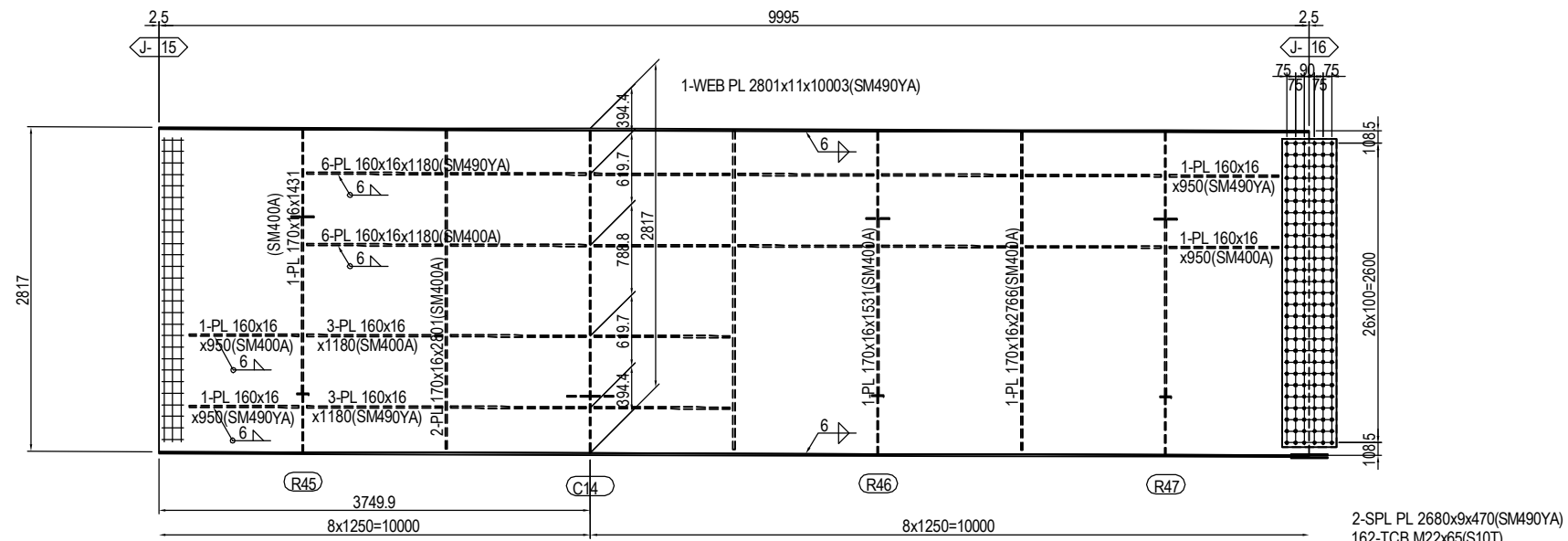
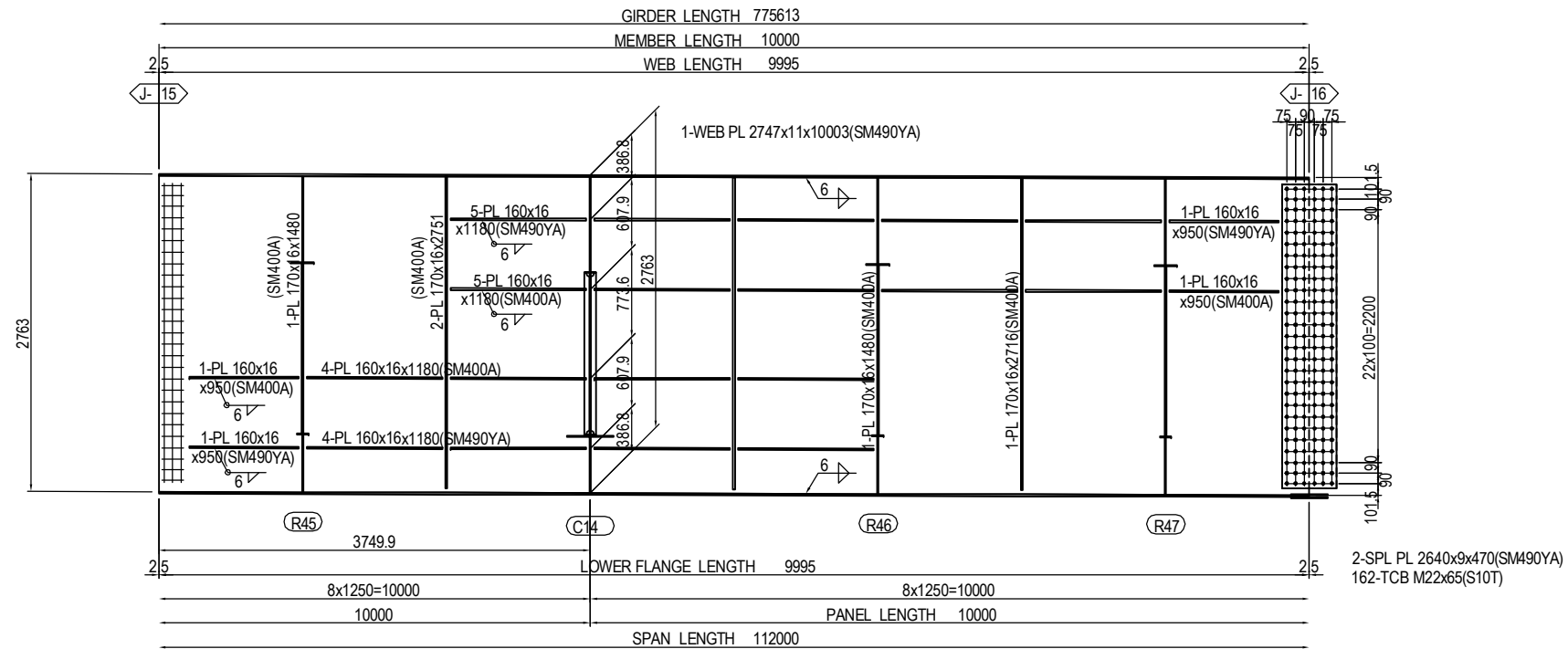
- 2-SPL PL 80x9x320(SM490YA)
- 4-SPL PL 620x9x320(SM490YA)
- 1-SPL PL 2930x9x320(SM490YA)
- 120-TCB M22x75(S10T)
- 1-FILL PL 2930x2.3x158(SS400)

- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

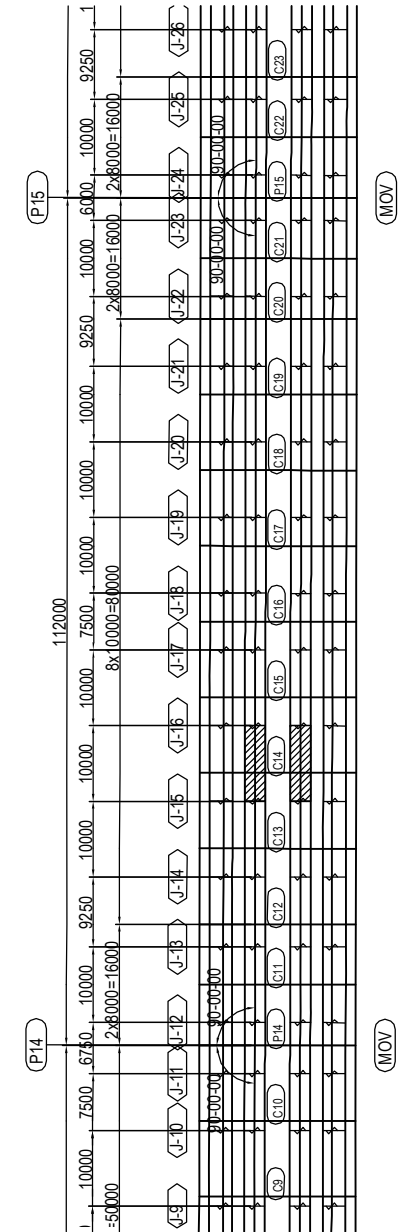


<p>PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT</p>	<p>FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE</p>	<p>JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">NAME</th> <th style="width: 20%;">SIGNATURE</th> <th style="width: 20%;">DATE</th> </tr> <tr> <td>PREPARED BY S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		15 Jun.2017	CHECKED BY T. HAYAKAWA		20 Jun.2017	APPROVED BY Y. SANO		21 Jun.2017	<p>DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (15)</p>	<p>PACKAGE 2 DWG No. P2-SB-1215</p>
NAME	SIGNATURE	DATE																
PREPARED BY S. IMADA		15 Jun.2017																
CHECKED BY T. HAYAKAWA		20 Jun.2017																
APPROVED BY Y. SANO		21 Jun.2017																

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (16) S=1:60

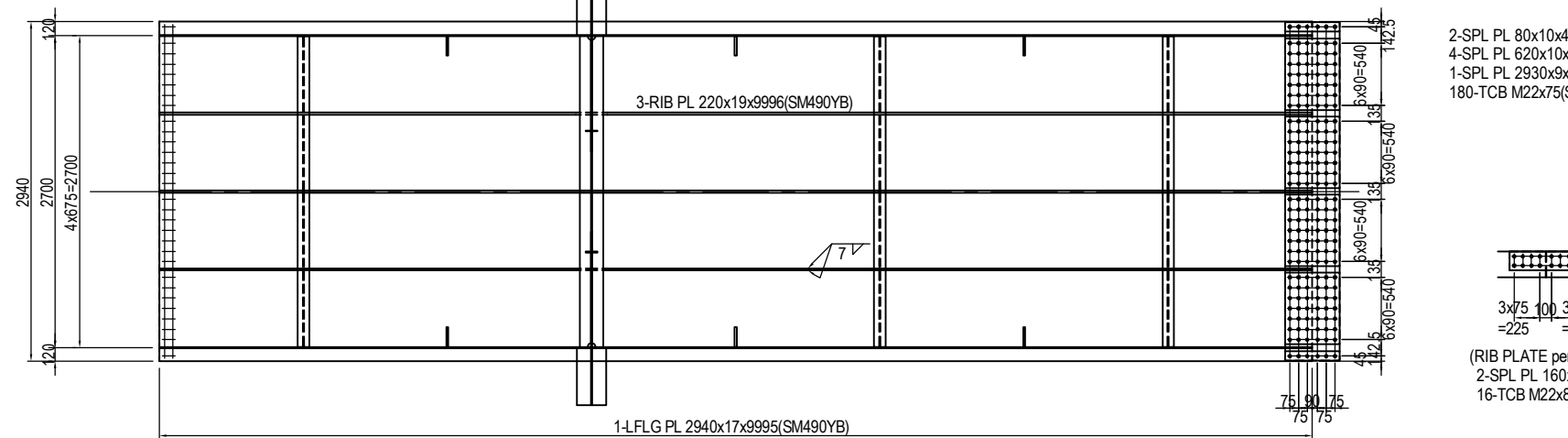
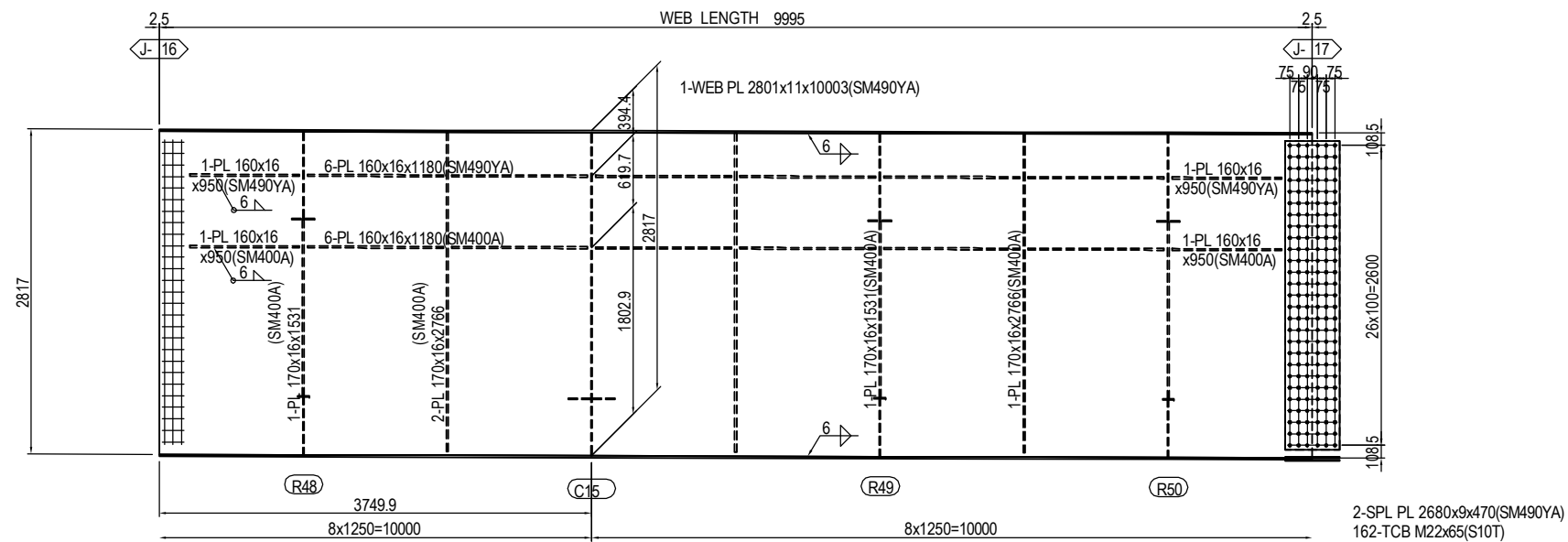
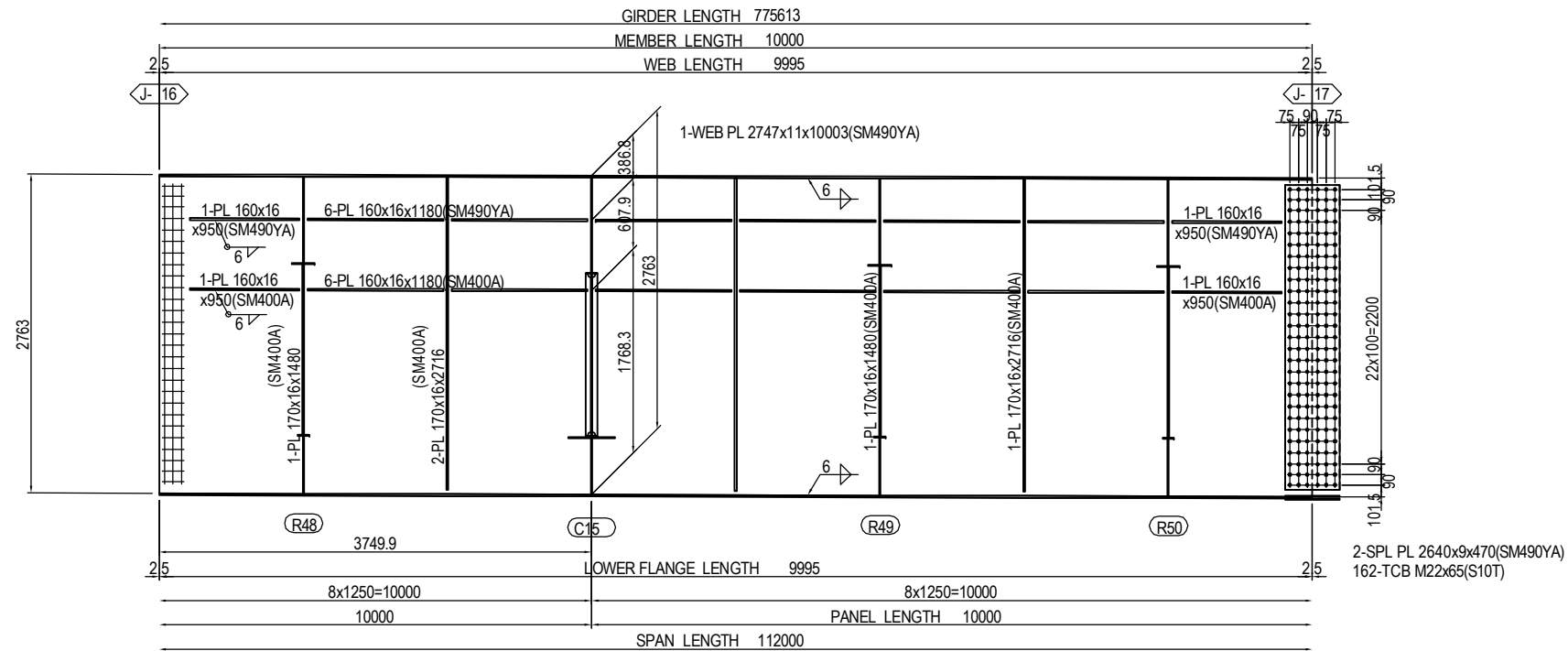


MARKING DIAGRAM

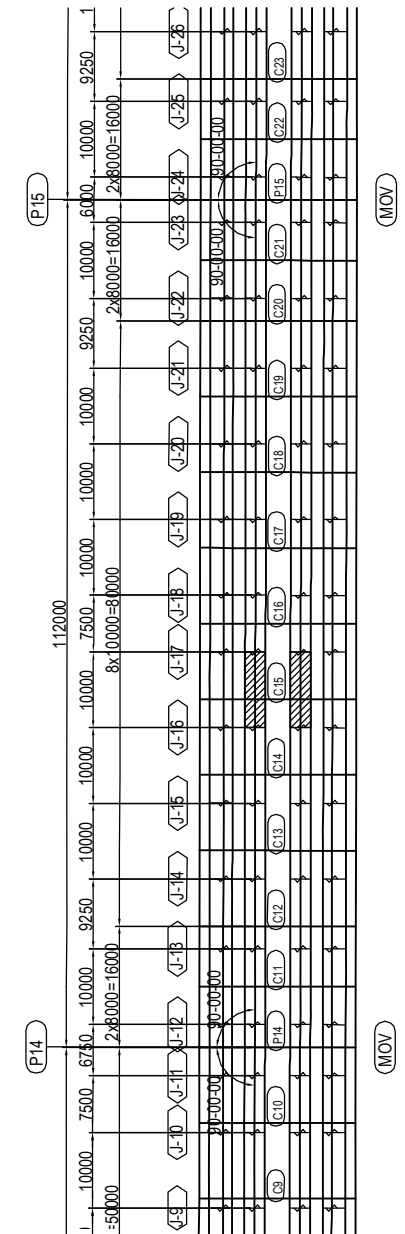


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (16)	PACKAGE 2 DWG No. P2-SB-1216
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (17) S=1:60

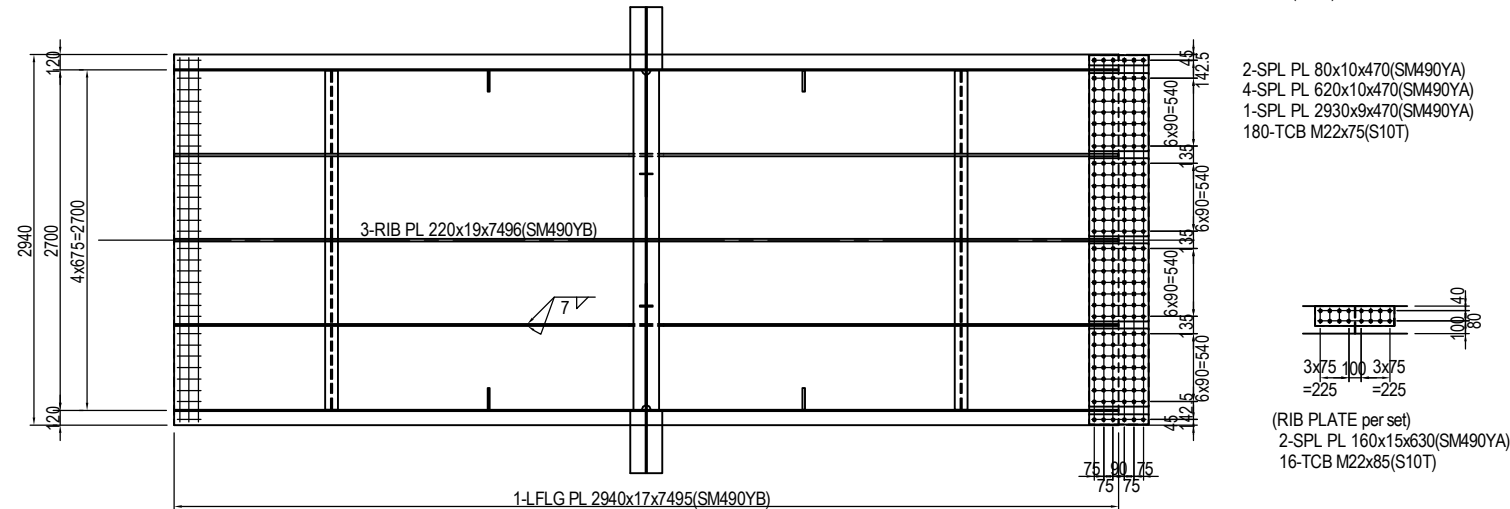
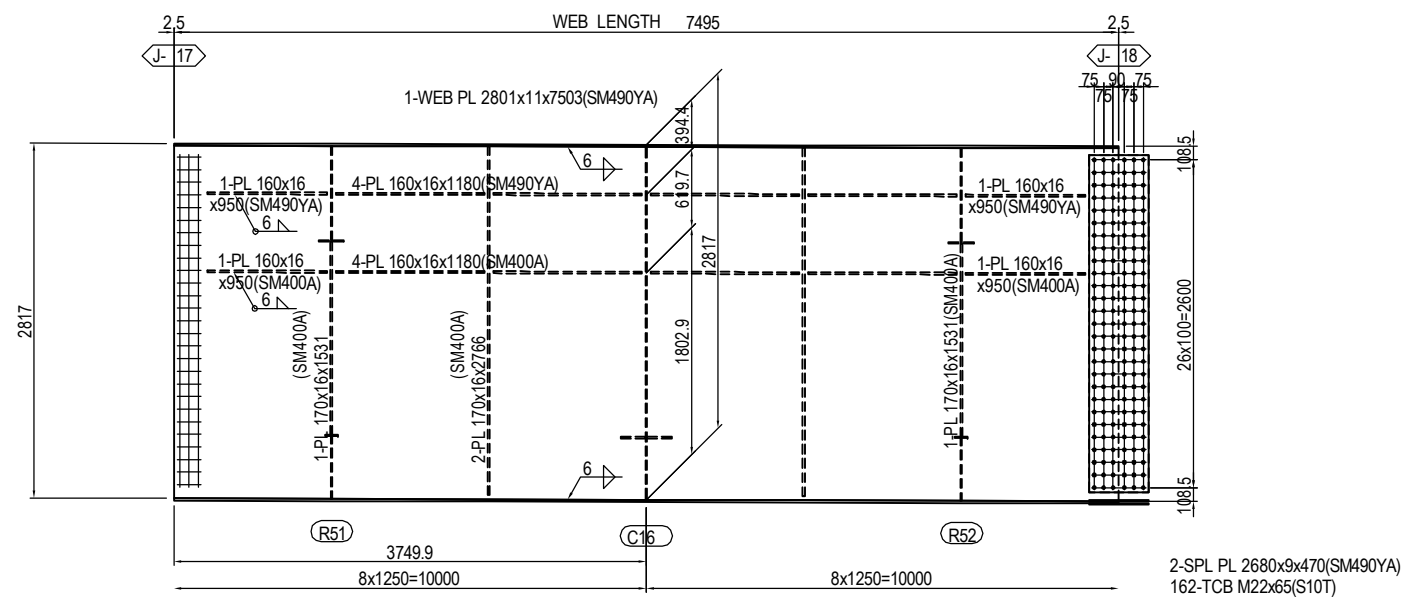
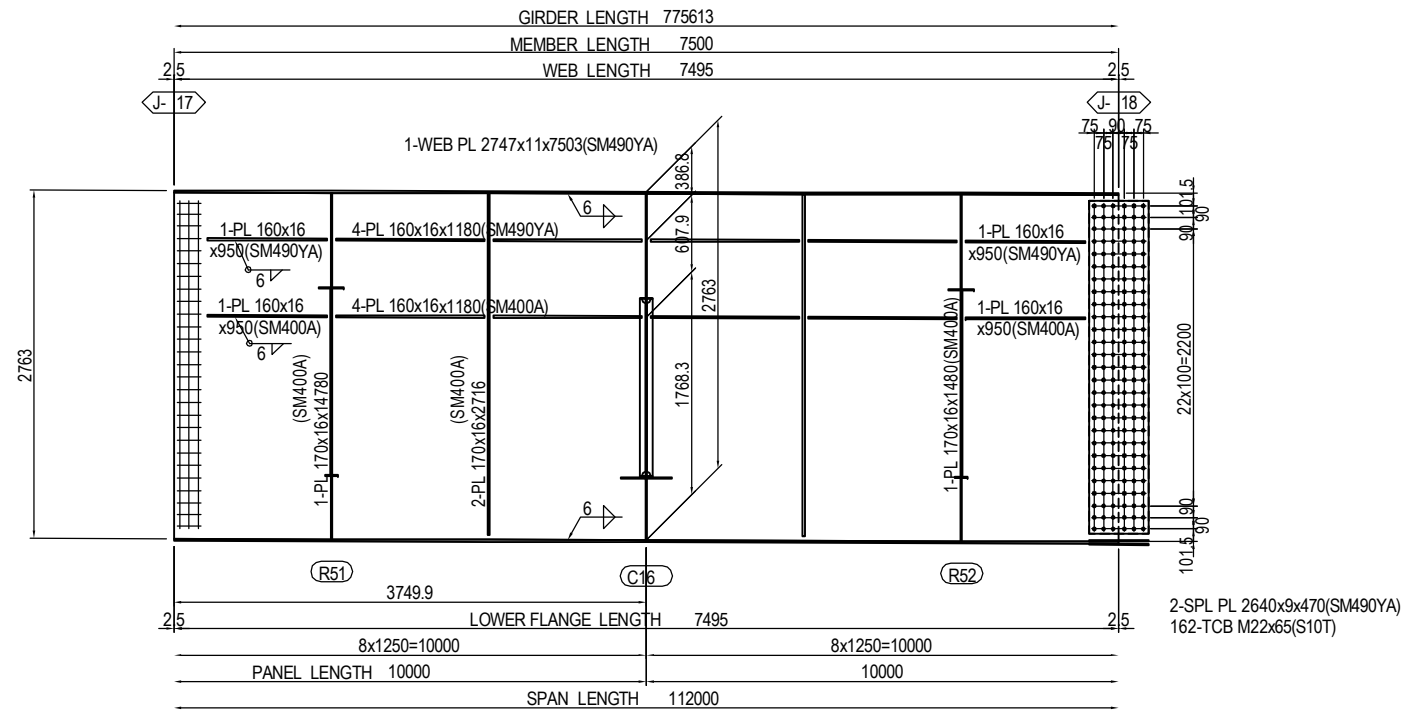


MARKING DIAGRAM

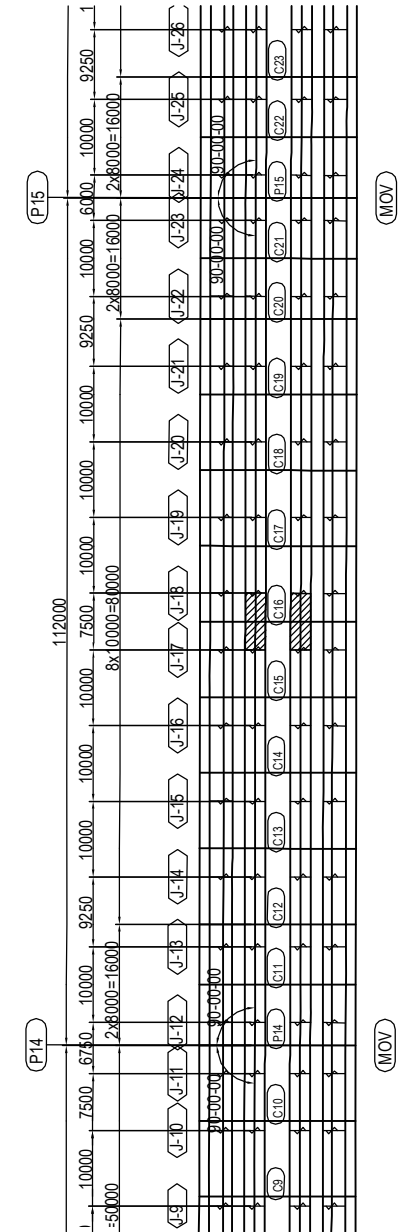


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (17)	PACKAGE 2 DWG No. P2-SB-1217
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (18) S=1:60

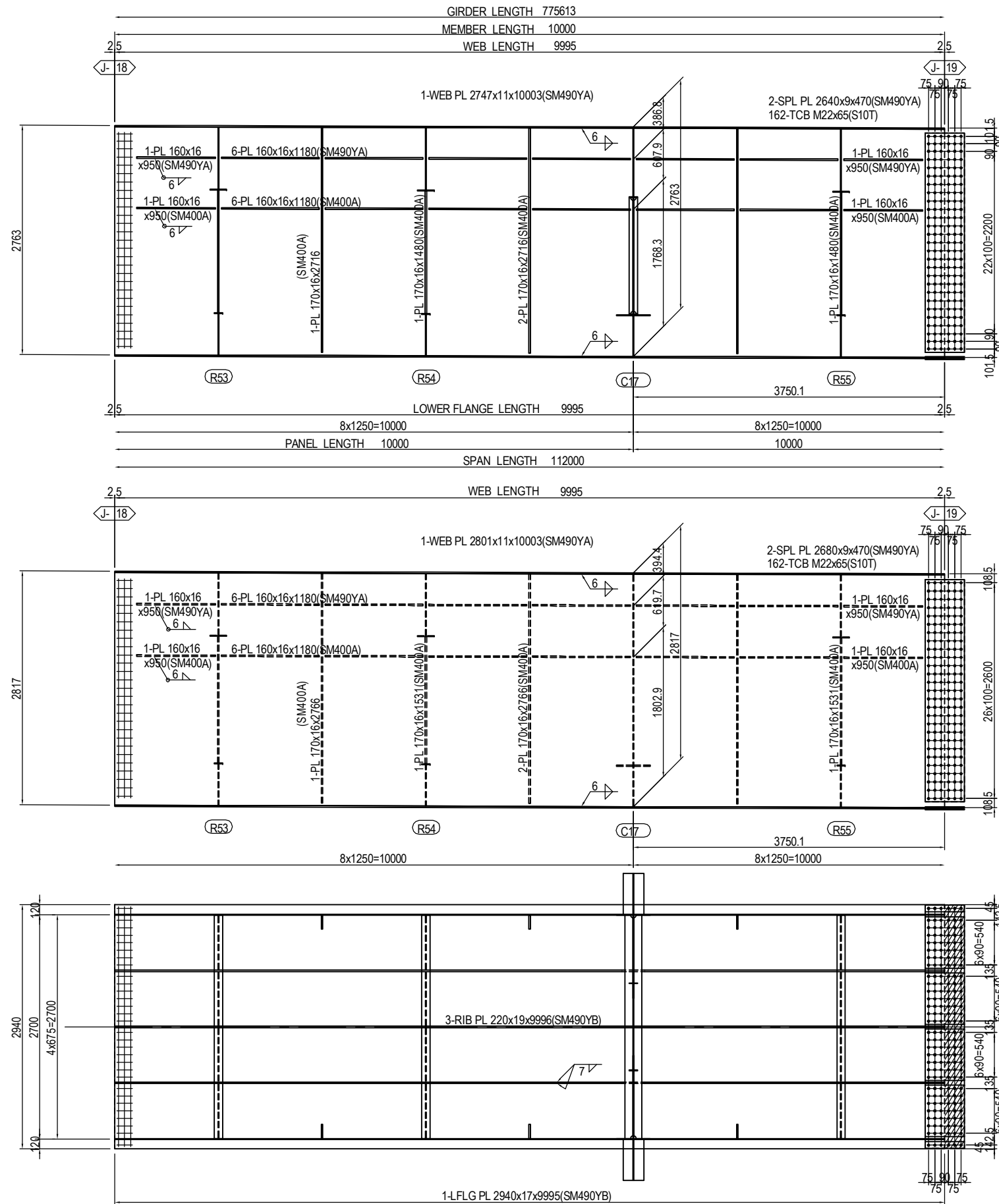


MARKING DIAGRAM

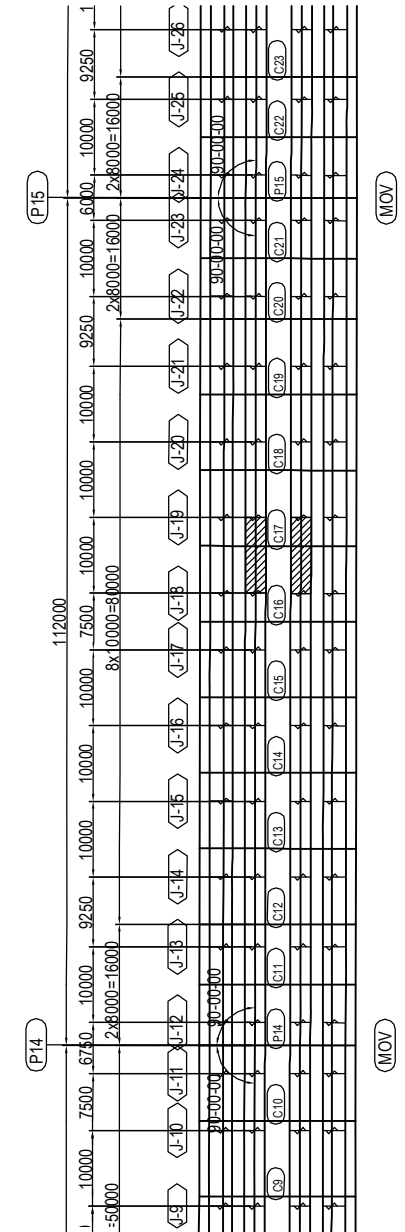


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">NAME</th> <th style="width: 20%;">SIGNATURE</th> <th style="width: 20%;">DATE</th> </tr> <tr> <td>PREPARED BY S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		15 Jun.2017	CHECKED BY T. HAYAKAWA		20 Jun.2017	APPROVED BY Y. SANO		21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (18)	PACKAGE 2 DWG No. P2-SB-1218
NAME	SIGNATURE	DATE																
PREPARED BY S. IMADA		15 Jun.2017																
CHECKED BY T. HAYAKAWA		20 Jun.2017																
APPROVED BY Y. SANO		21 Jun.2017																

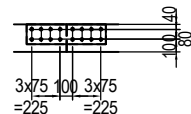
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (19) S=1:60



MARKING DIAGRAM



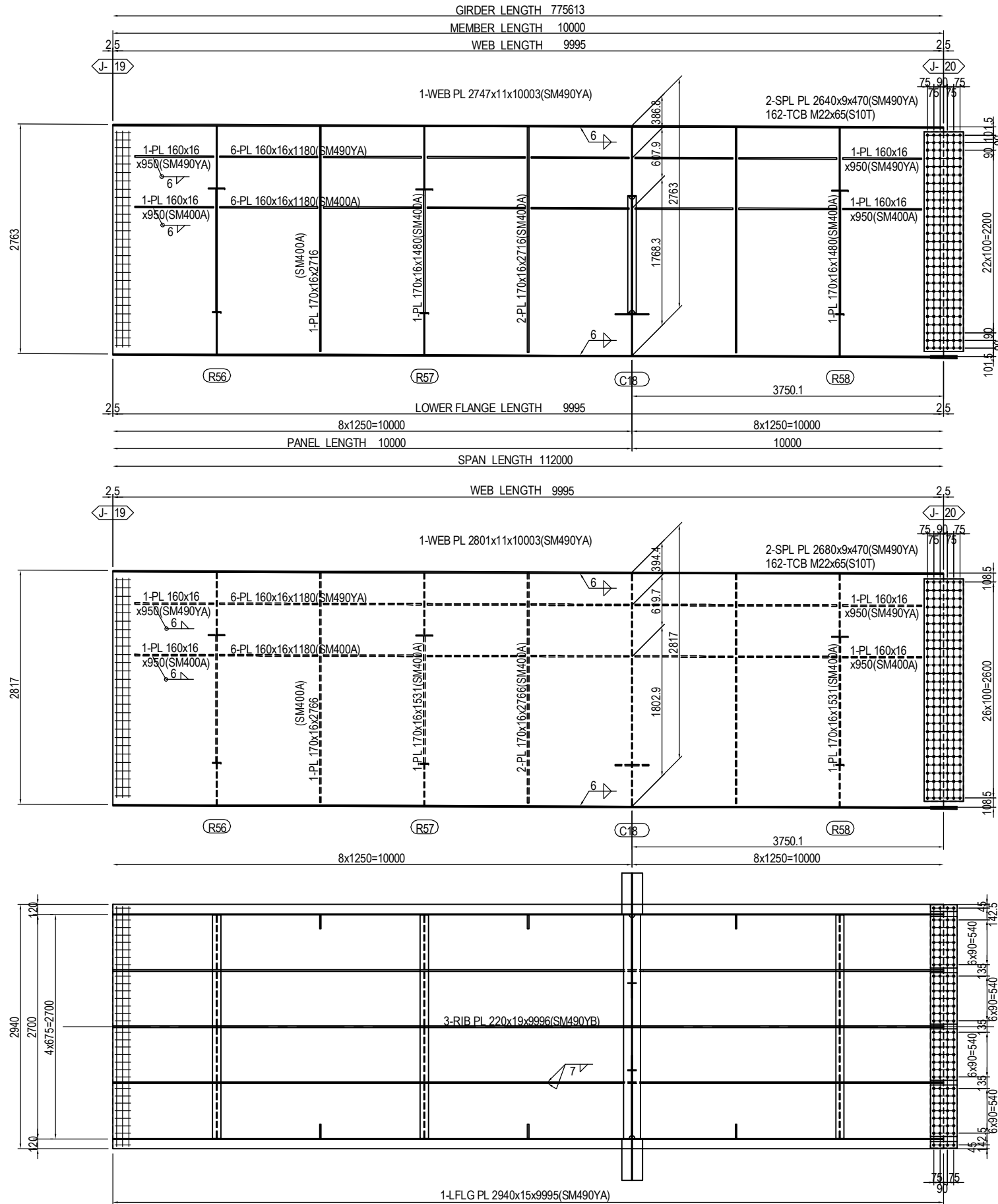
- 2-SPL PL 80x9x470(SM490YA)
- 4-SPL PL 620x9x470(SM490YA)
- 1-SPL PL 2930x9x470(SM490YA)
- 180-TCB M22x75(S10T)
- 1-FILL PL 2930x2.3x233(SS400)



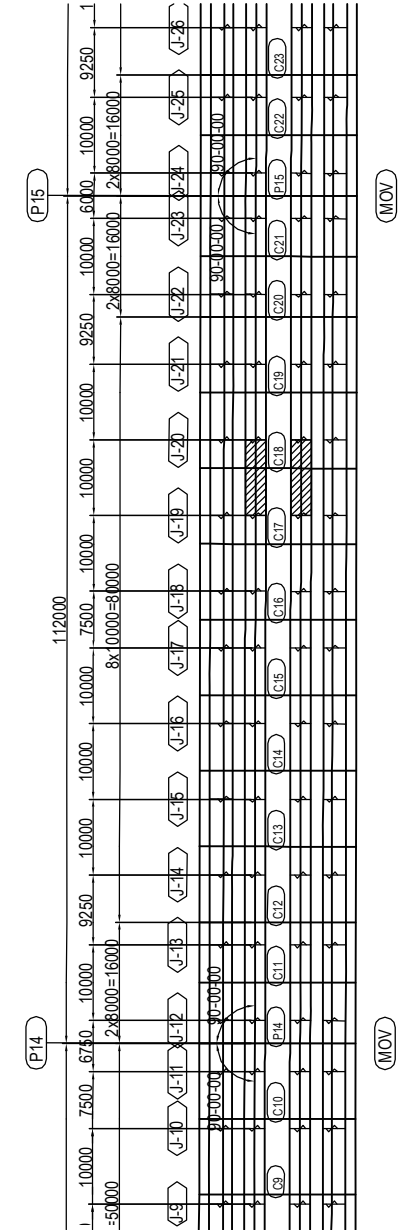
- (RIB PLATE per set)
- 2-SPL PL 160x14x630(SM490YA)
- 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (19)	PACKAGE 2 DWG No. P2-SB-1219
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (20) S=1:60



MARKING DIAGRAM

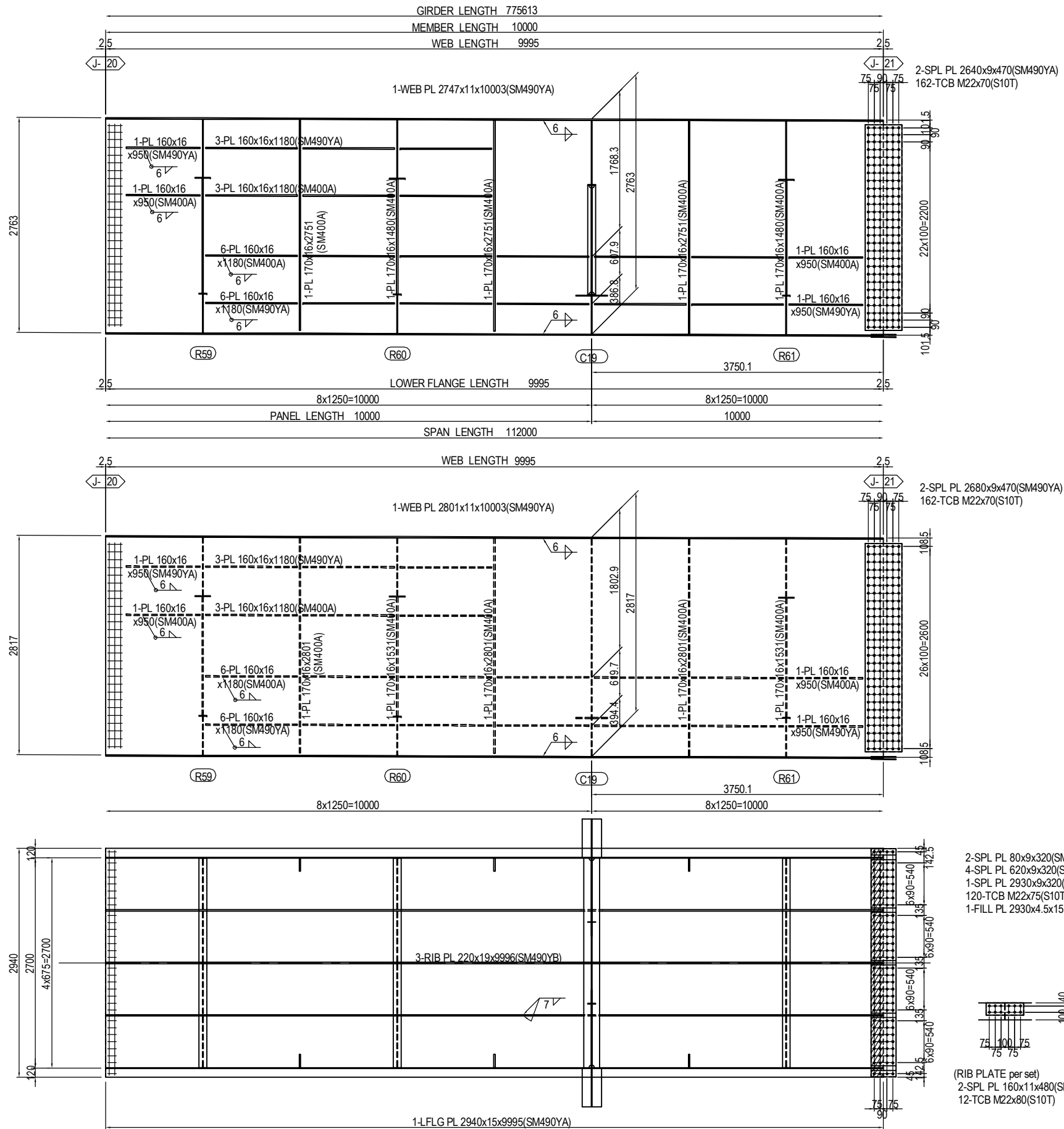


2-SPL PL 80x9x320(SM490YA)
 4-SPL PL 620x9x320(SM490YA)
 1-SPL PL 2930x9x320(SM490YA)
 120-TCB M22x70(S10T)

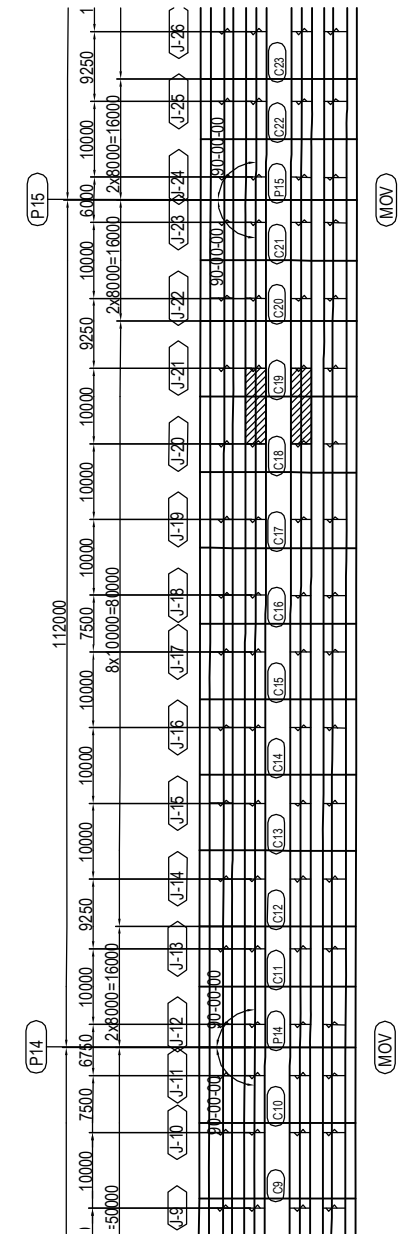
(RIB PLATE per set)
 2-SPL PL 160x11x480(SM490YA)
 12-TCB M22x80(S10T)

PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA	<i>S. Imada</i>	15 Jun.2017	DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (20)	2
				T. HAYAKAWA	<i>T. Hayakawa</i>	20 Jun.2017		DWG No.
				Y. SANO	<i>Y. Sano</i>	21 Jun.2017		P2-SB-1220

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (21) S=1:60

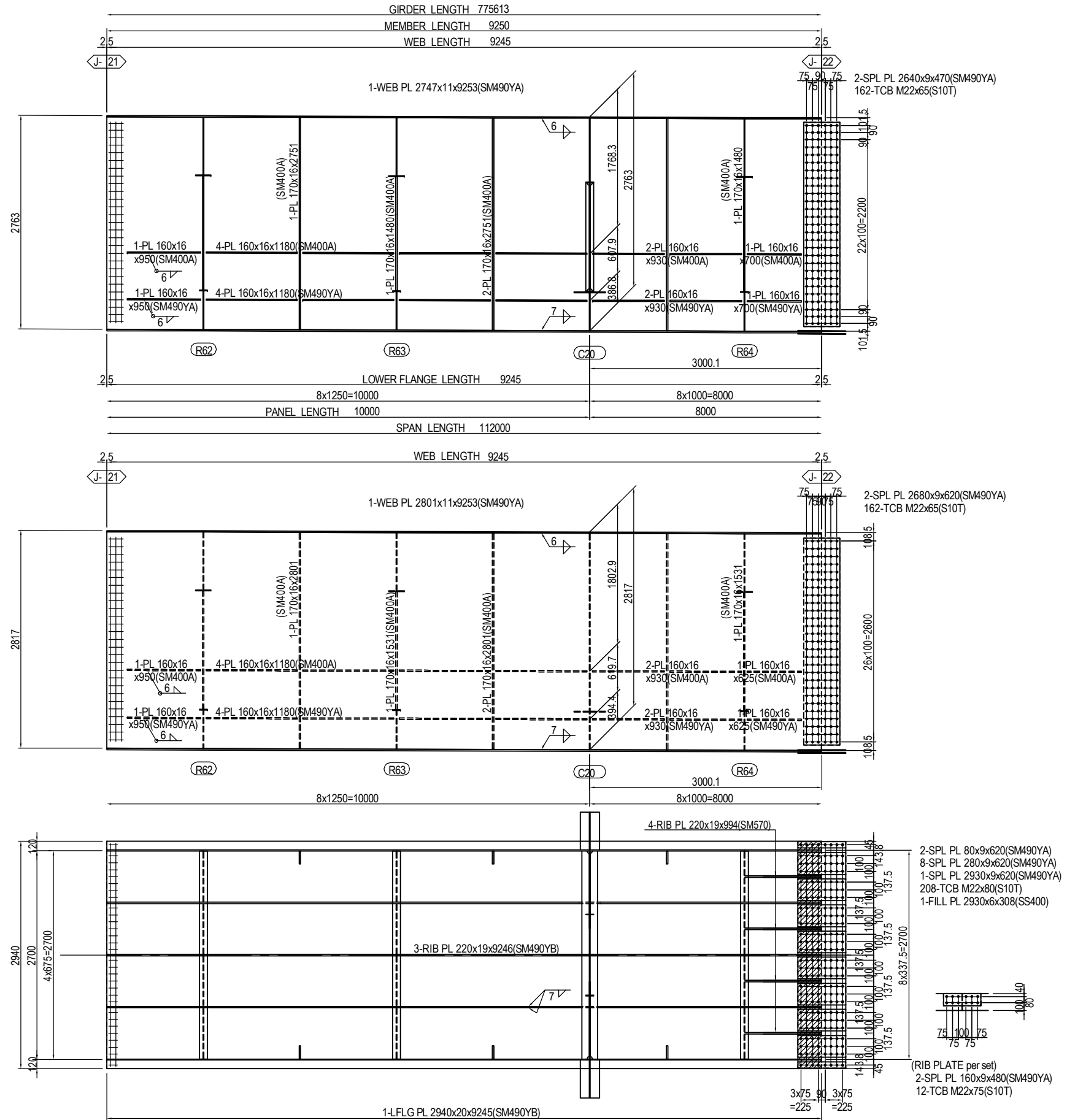


MARKING DIAGRAM

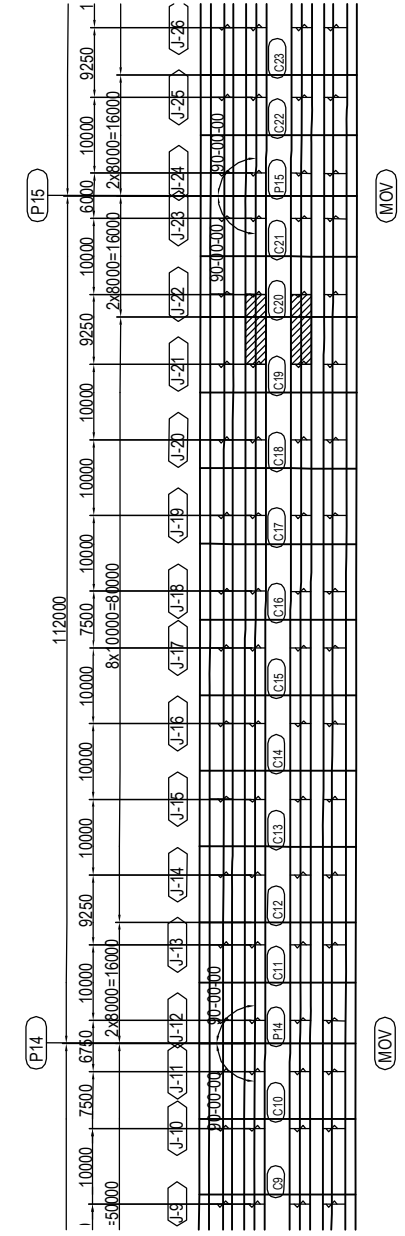


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (21)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	DWG No.
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	P2-SB-1221
				APPROVED BY	Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (22) S=1:60

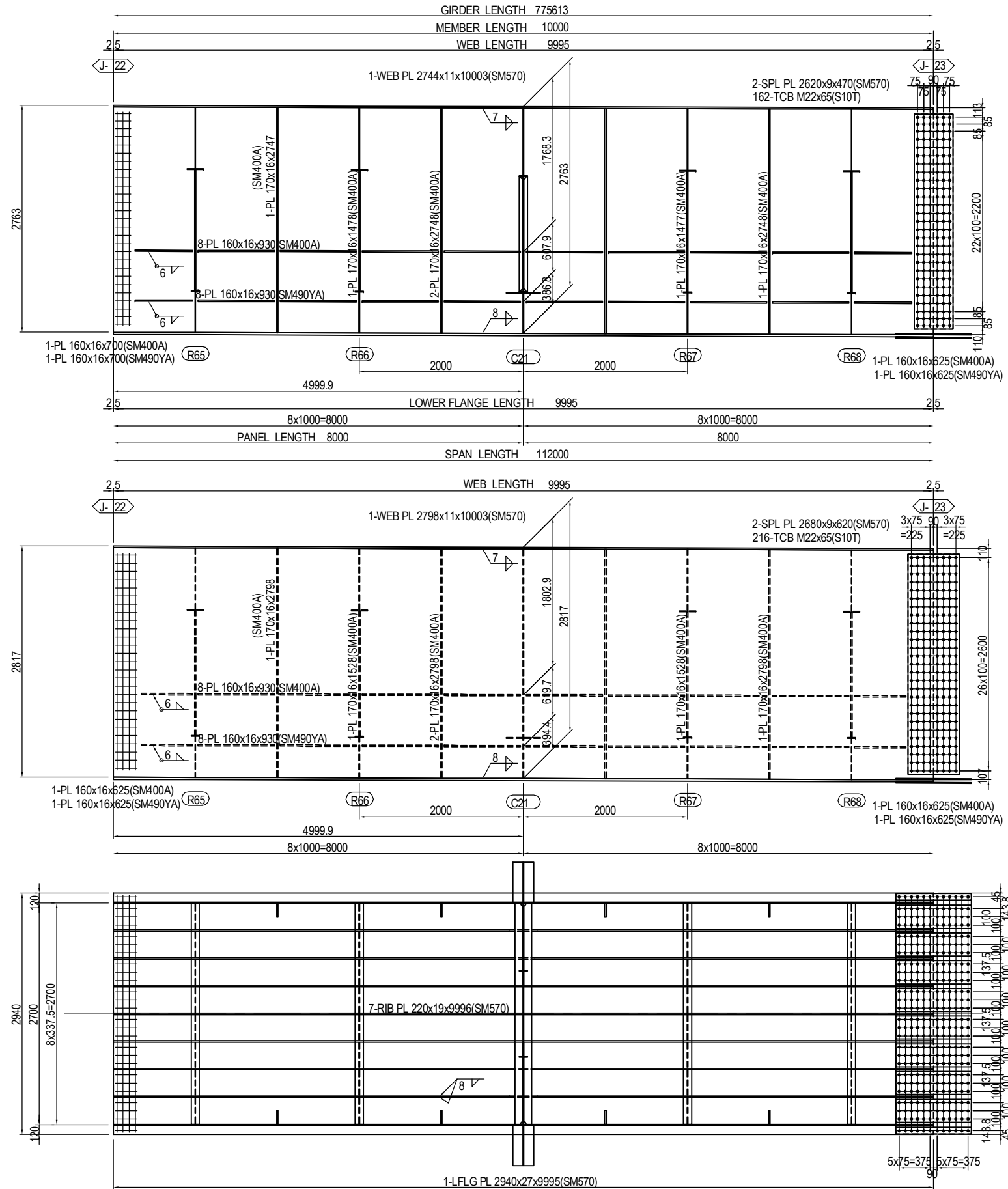


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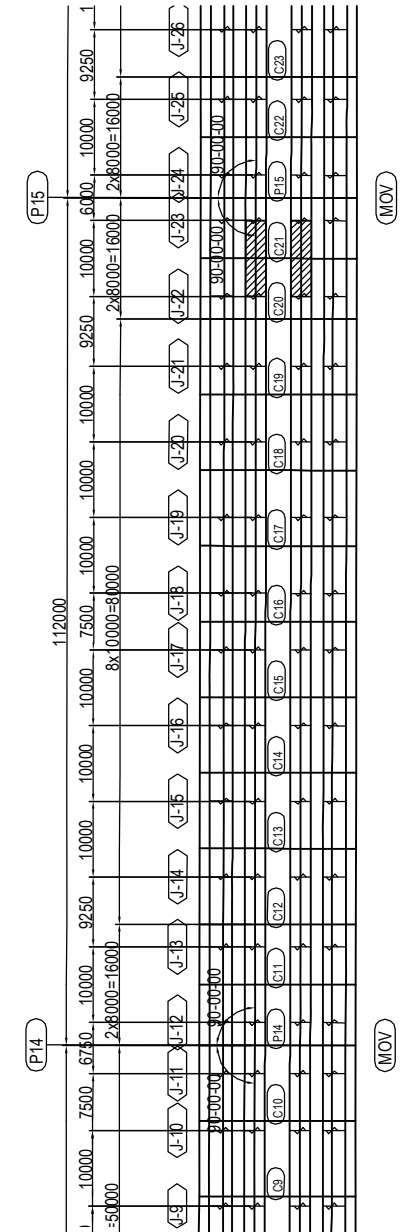


PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	15 Jun.2017 20 Jun.2017 21 Jun.2017	DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (22)	2 DWG No. P2-SB-1222

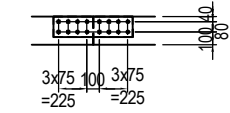
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (23) S=1:60



MARKING DIAGRAM



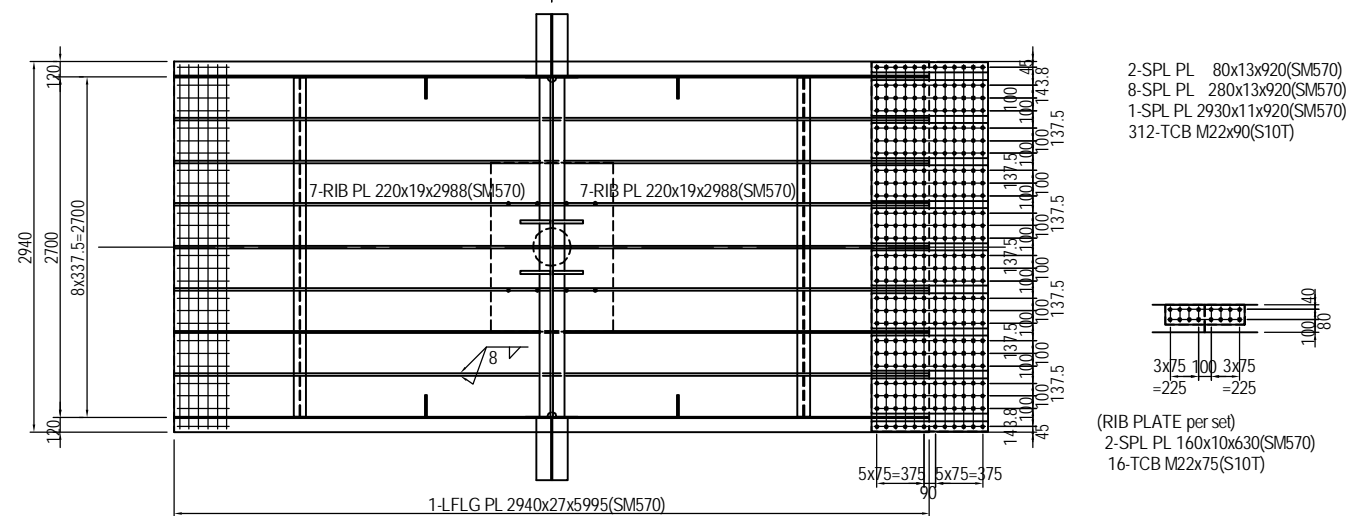
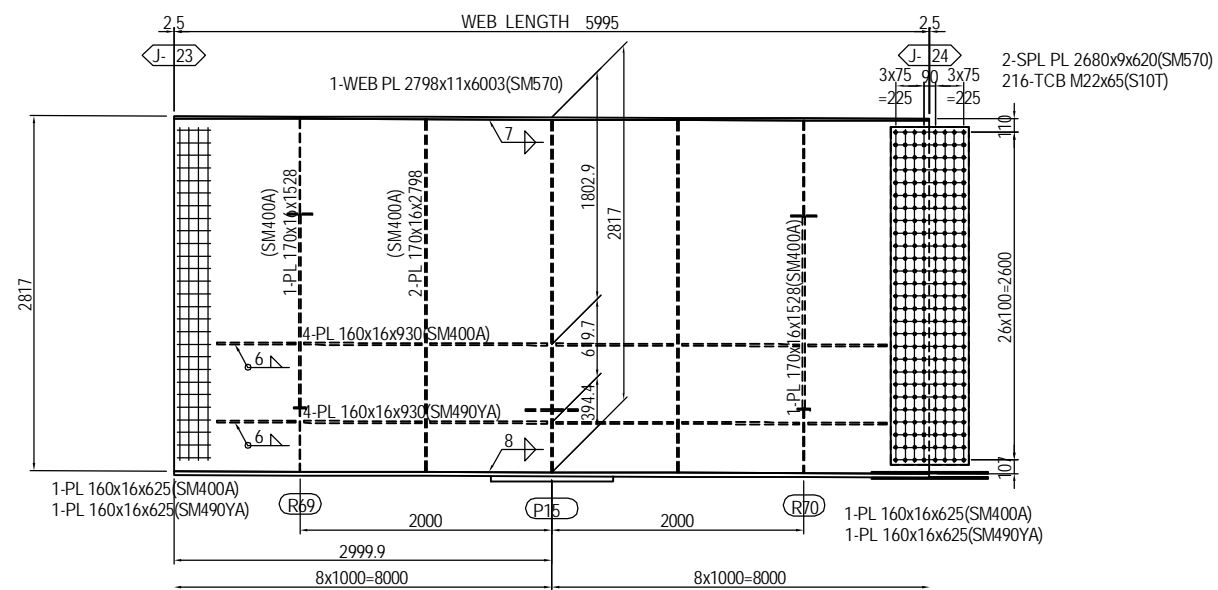
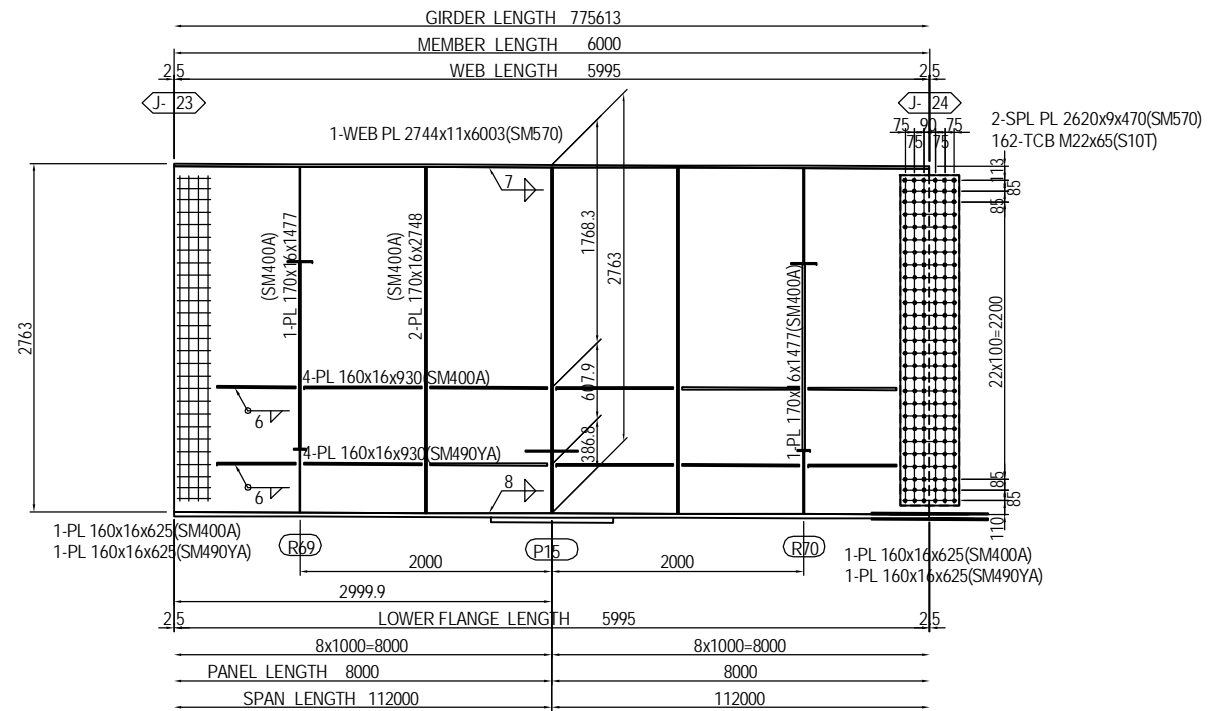
- 2-SPL PL 80x13x920 (SM570)
- 8-SPL PL 280x13x920 (SM570)
- 1-SPL PL 2930x11x920 (SM570)
- 312-TCB M22x90 (S10T)



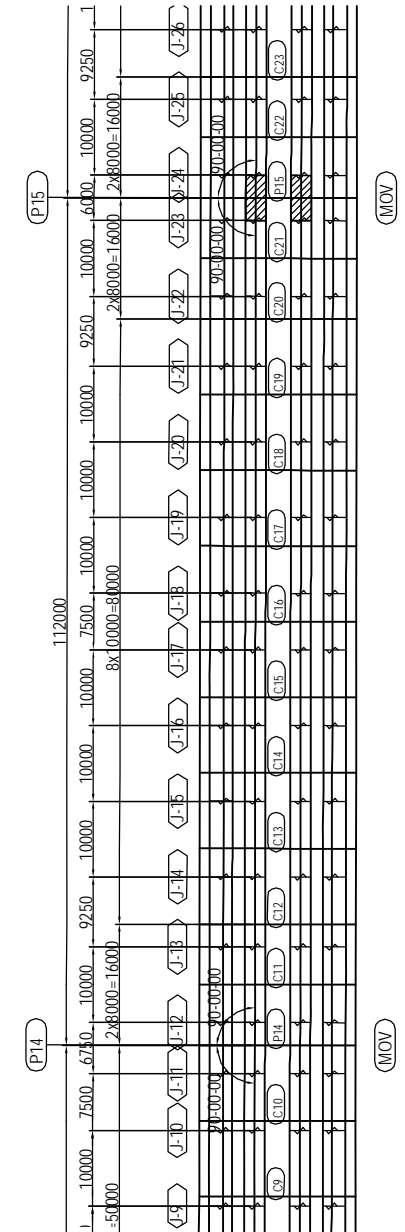
- (RIB PLATE per set)
- 2-SPL PL 160x10x630(SM570)
- 16-TCB M22x75(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (23)	PACKAGE 2 DWG No. P2-SB-1223
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (24) S=1:60

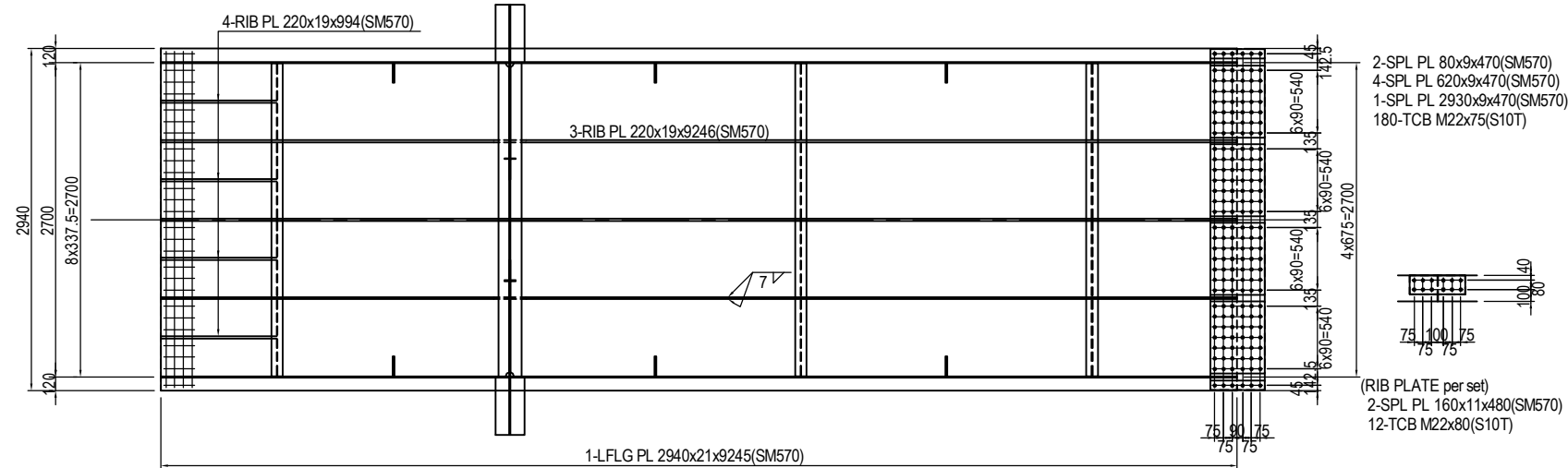
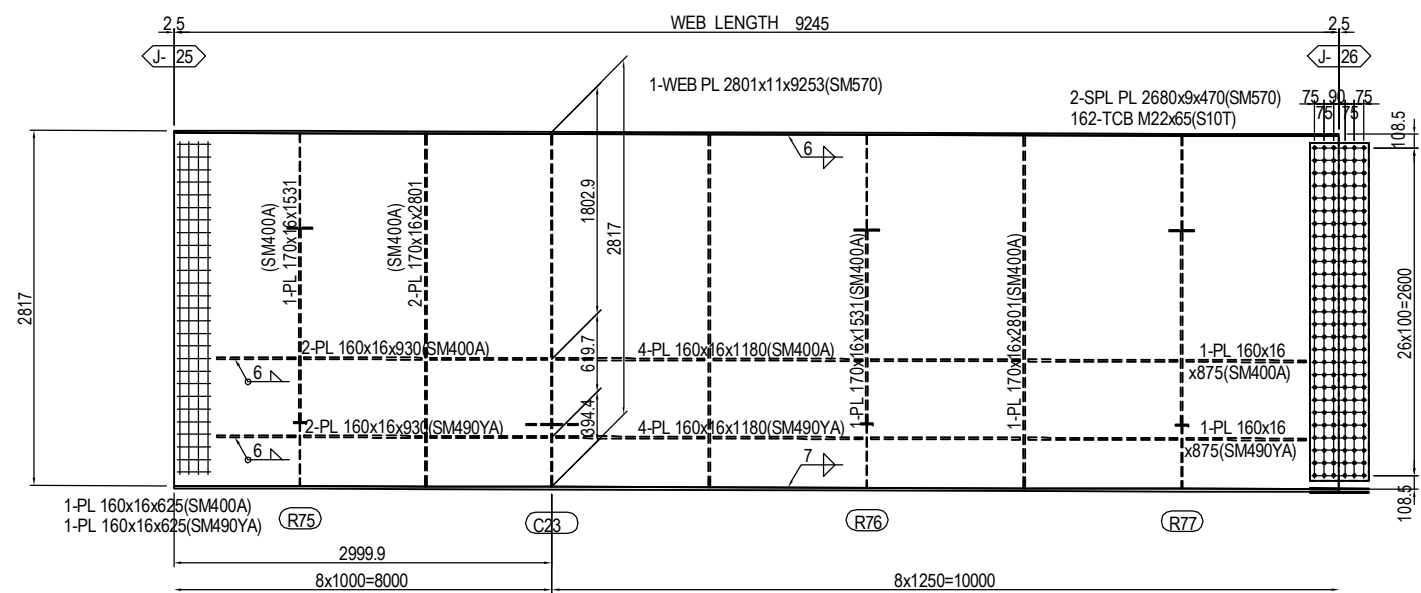
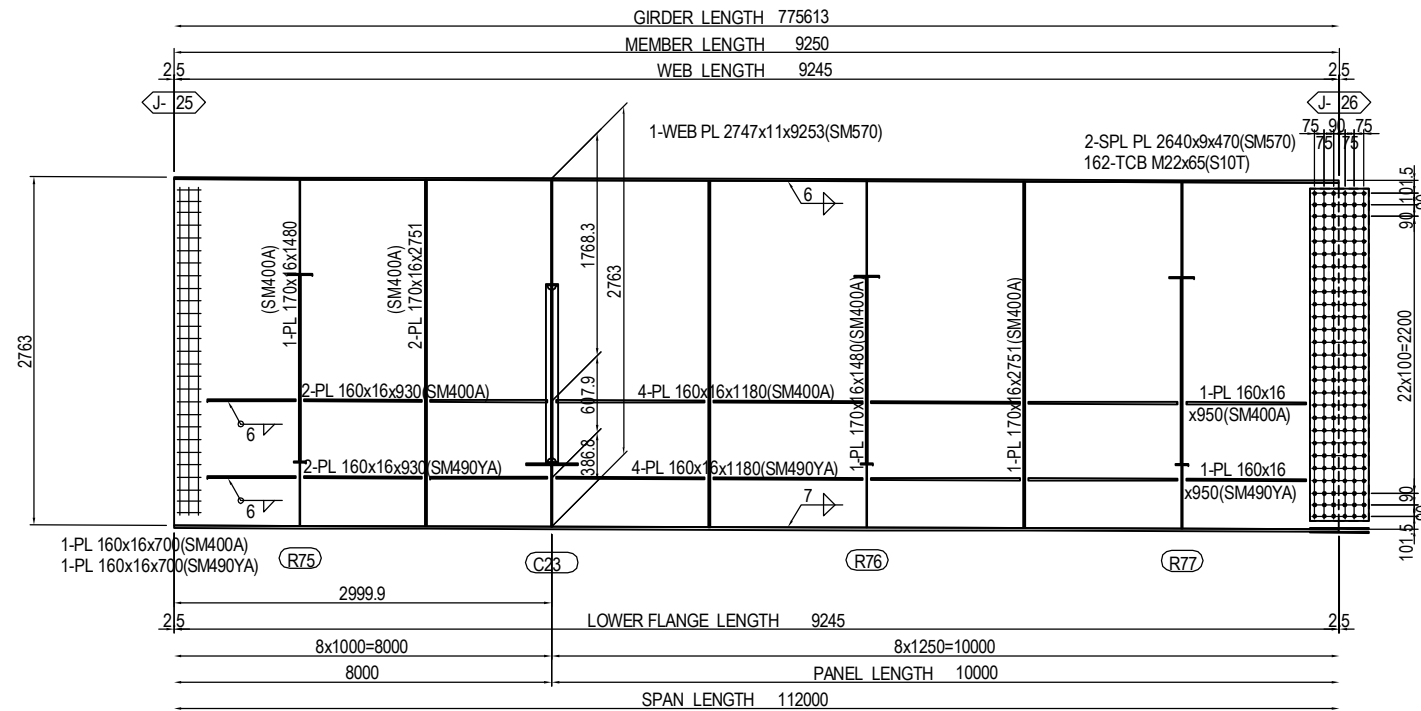


MARKING DIAGRAM

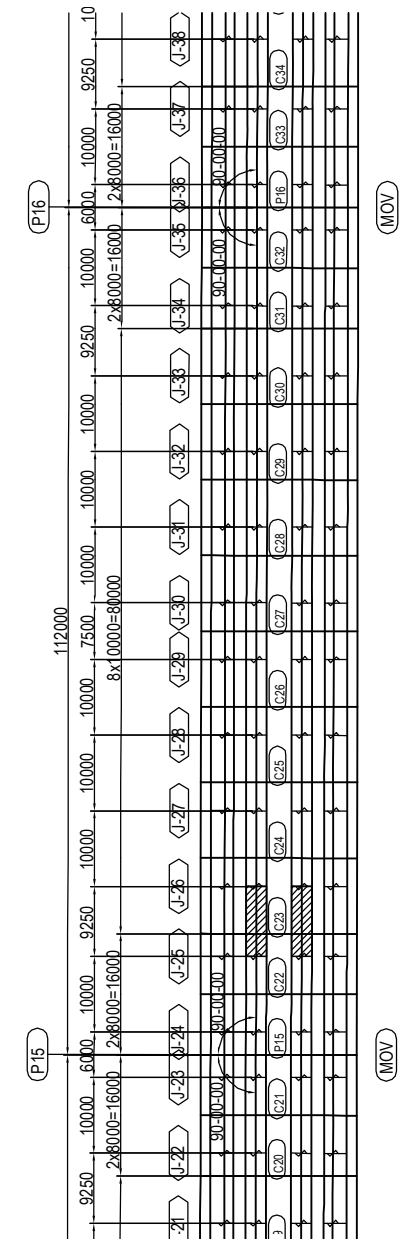


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.		NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (24)	PACKAGE 2 DWG No. P2-SB-1224
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (26) S=1:60

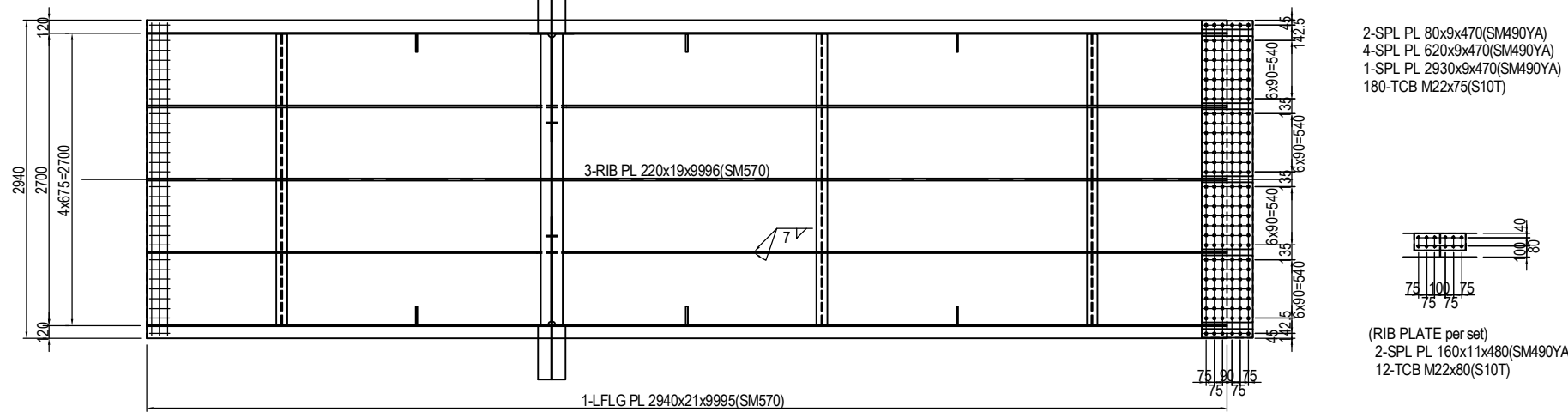
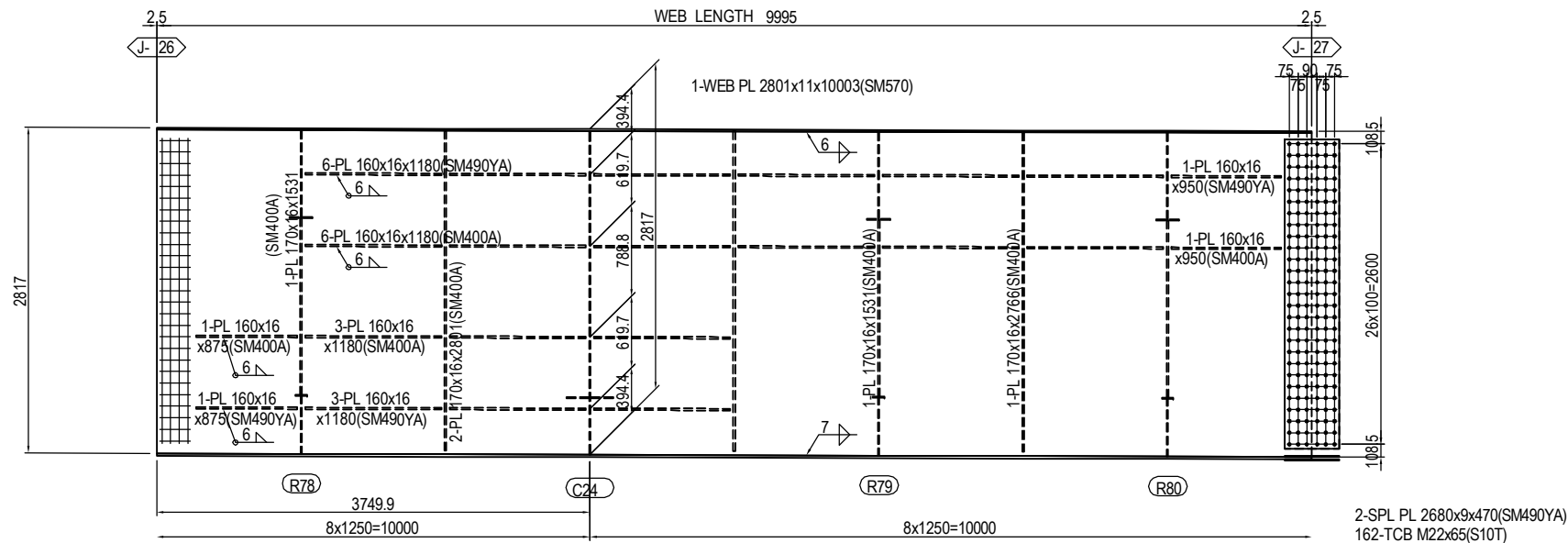
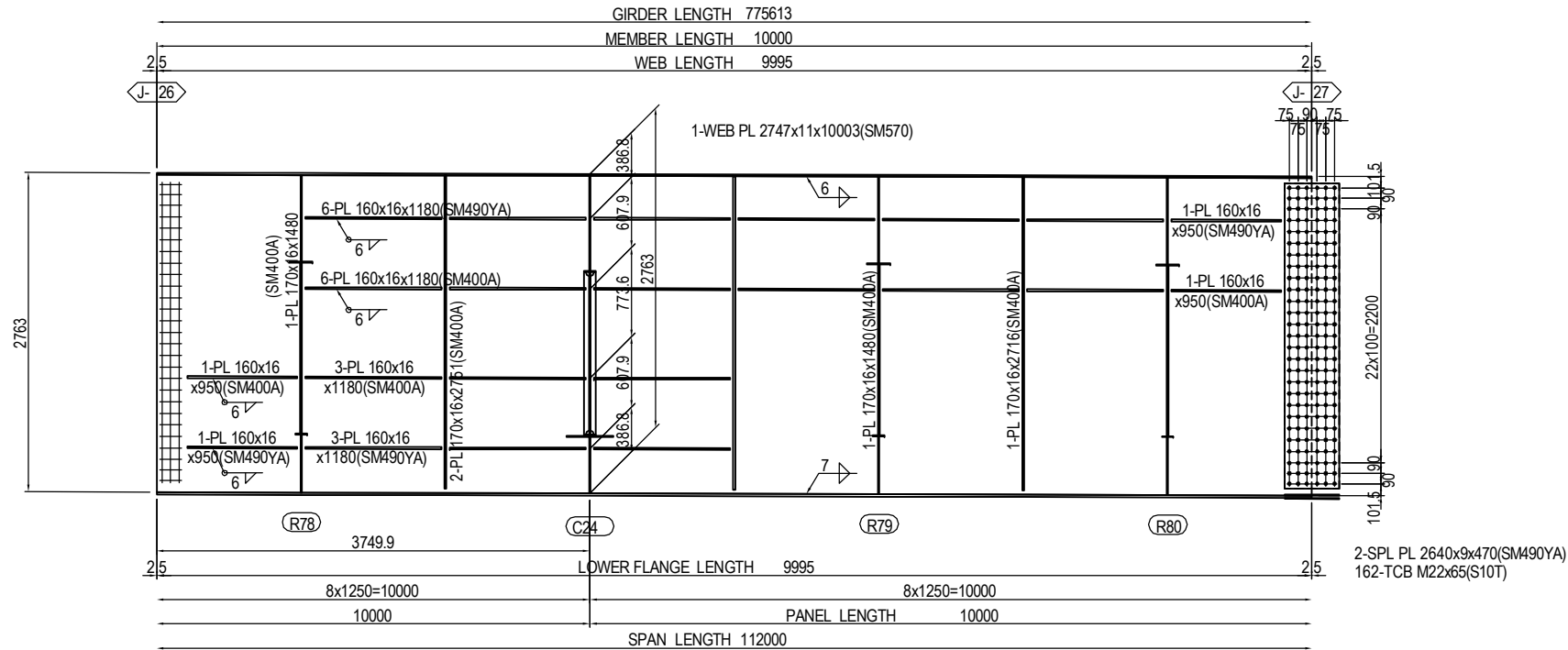


MARKING DIAGRAM

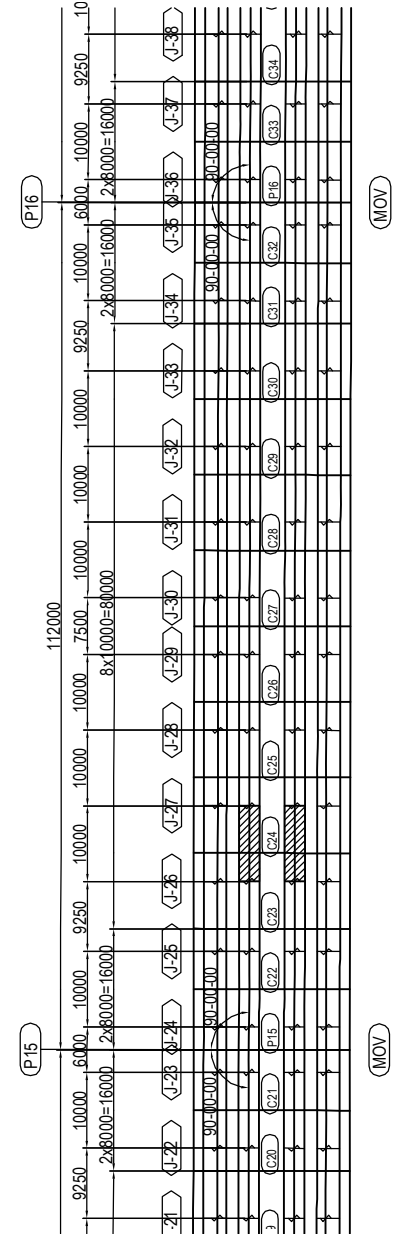


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (26)	PACKAGE 2 DWG No. P2-SB-1226
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (27) S=1:60

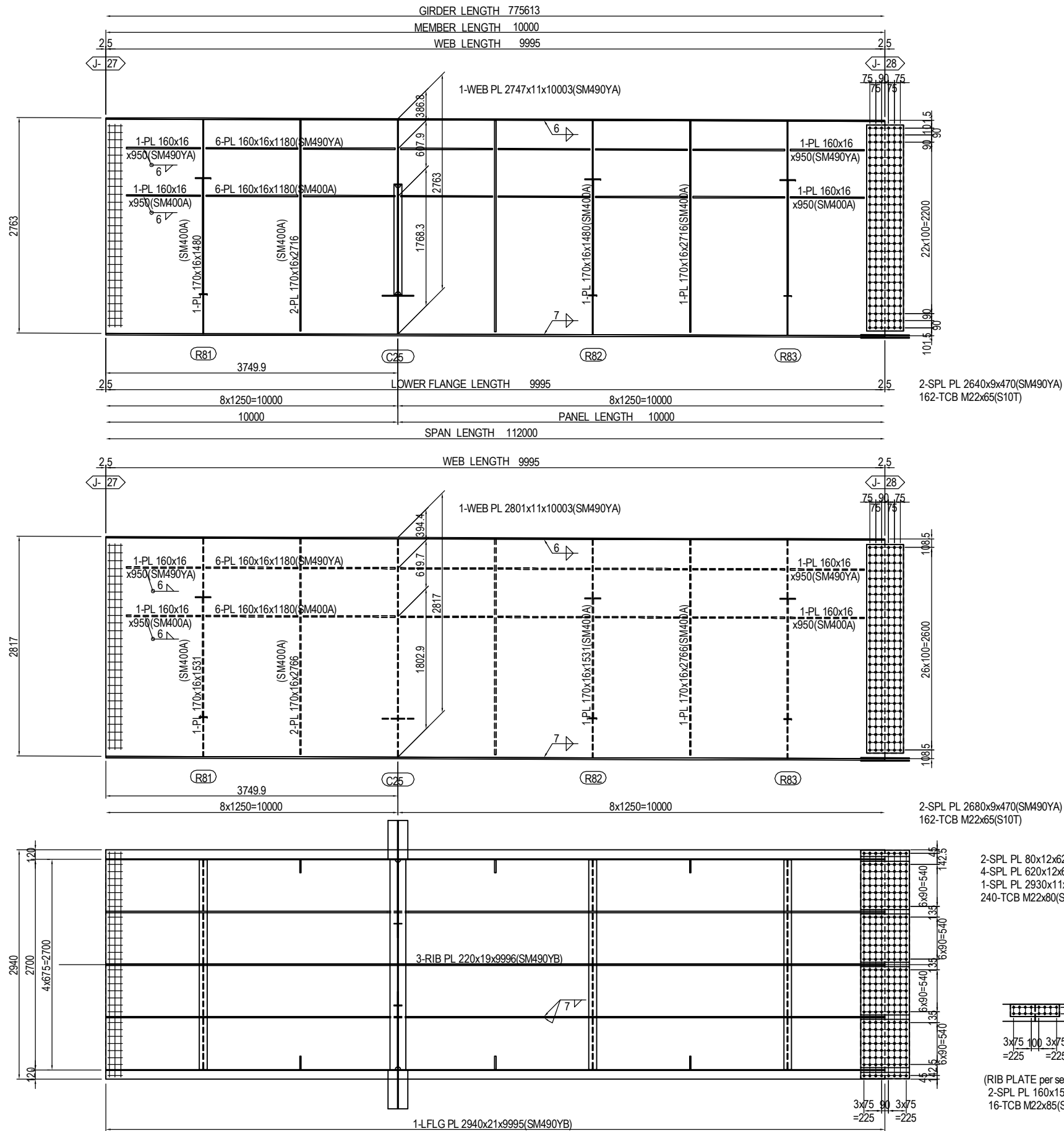


MARKING DIAGRAM

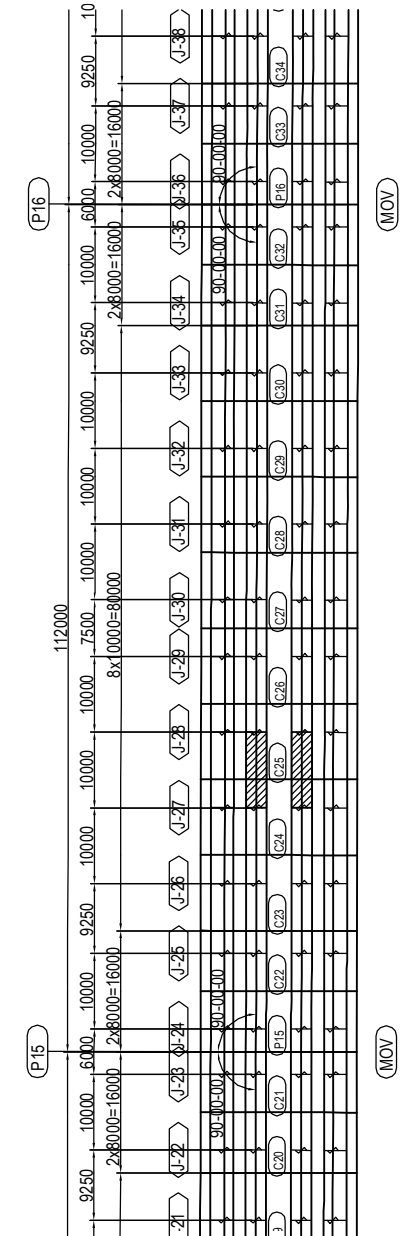


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (27)	PACKAGE 2 DWG No. P2-SB-1227
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (28) S=1:60

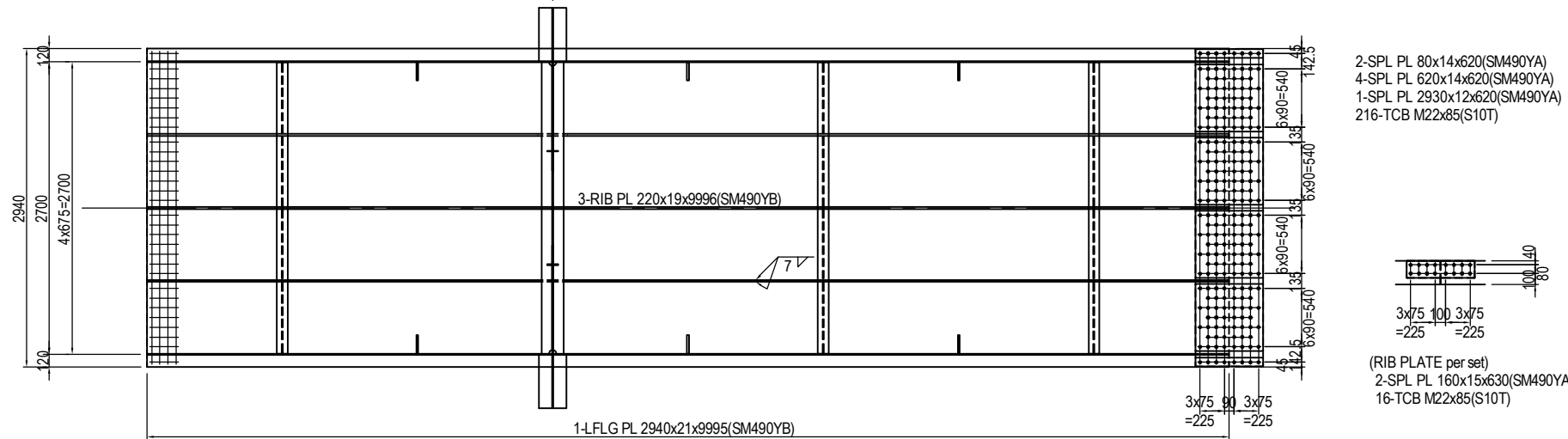
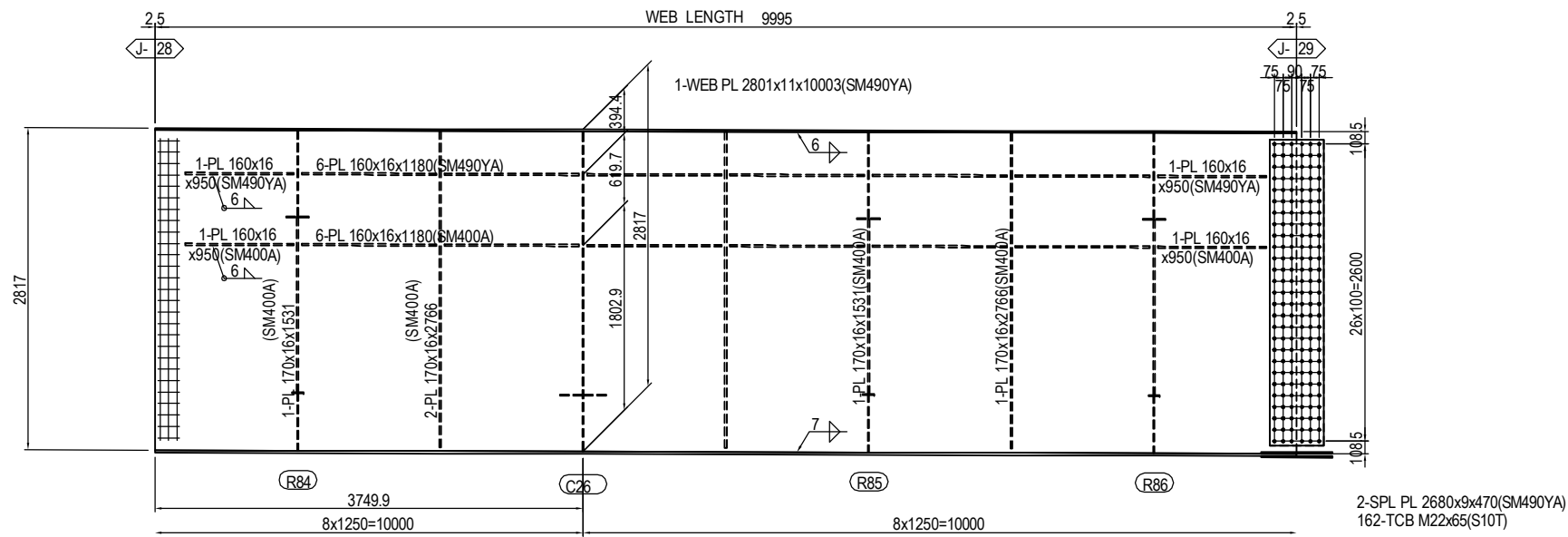
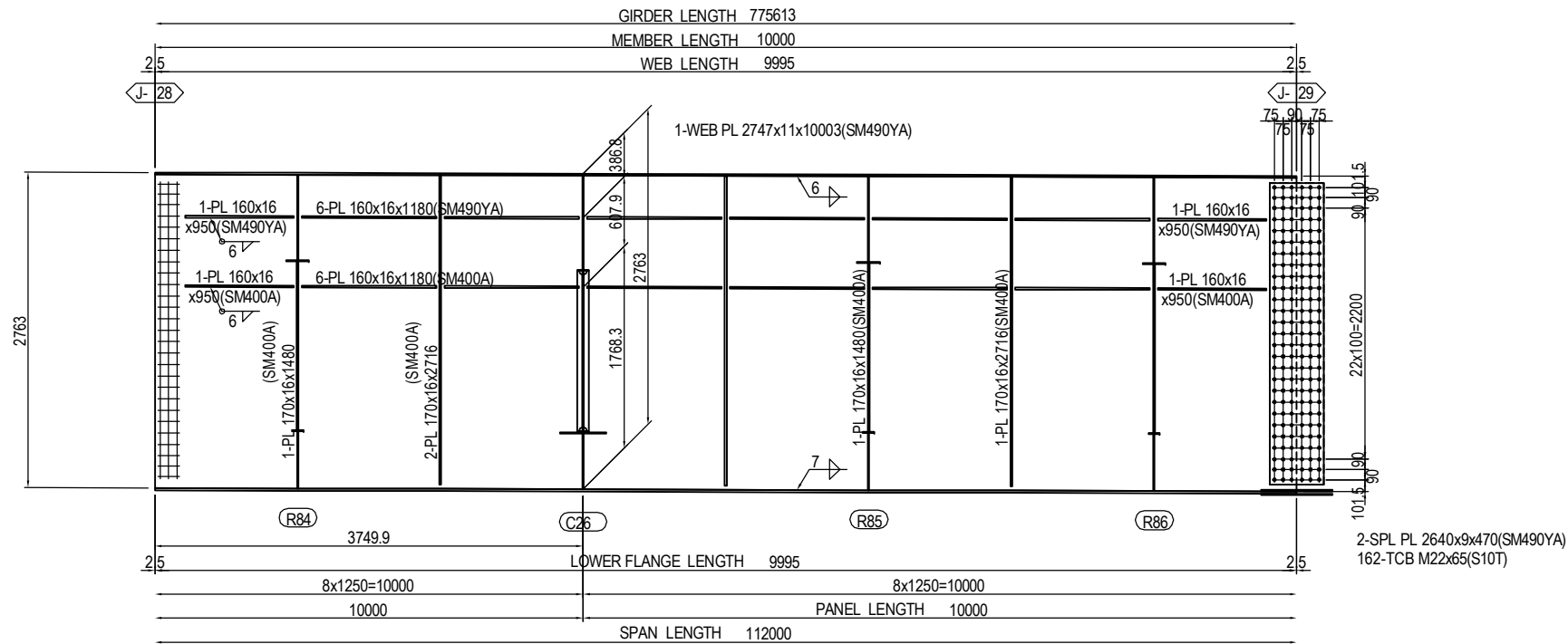


MARKING DIAGRAM

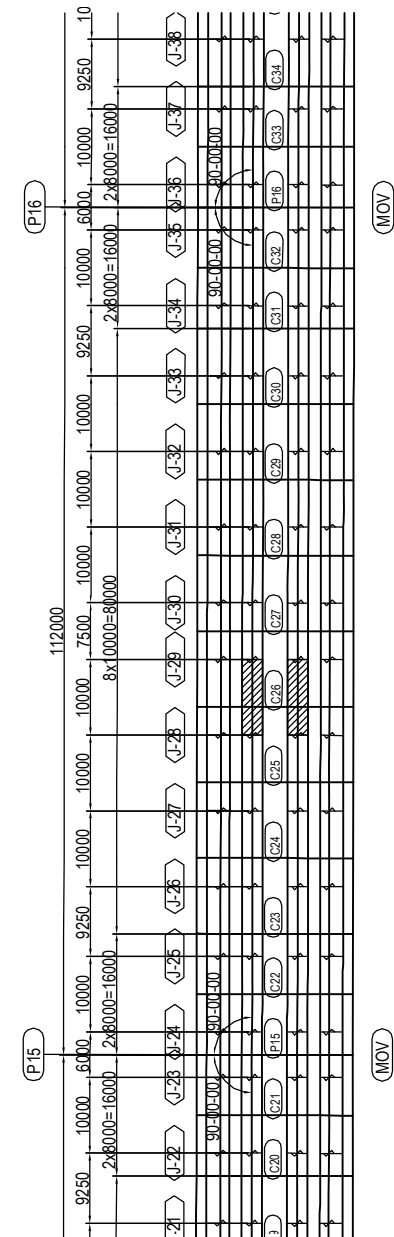


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (28)	PACKAGE 2 DWG No. P2-SB-1228
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (29) S=1:60

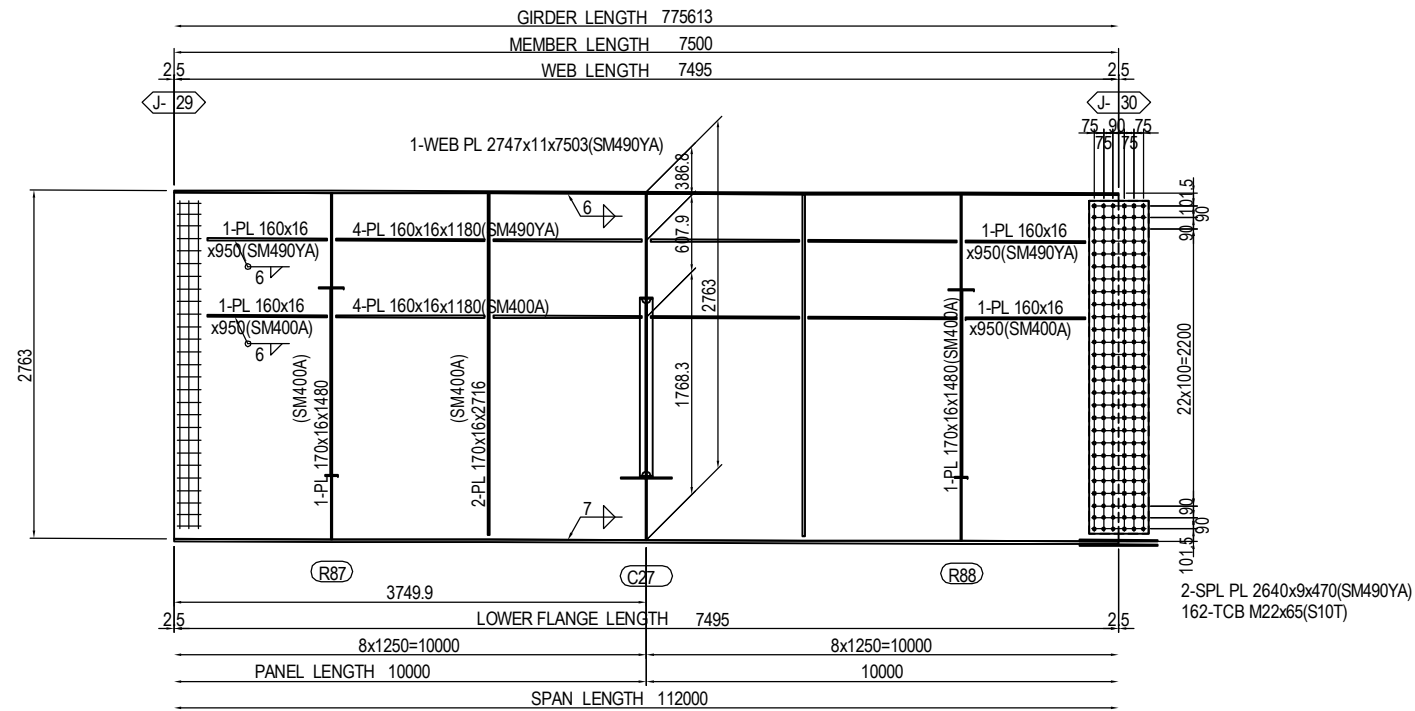


MARKING DIAGRAM

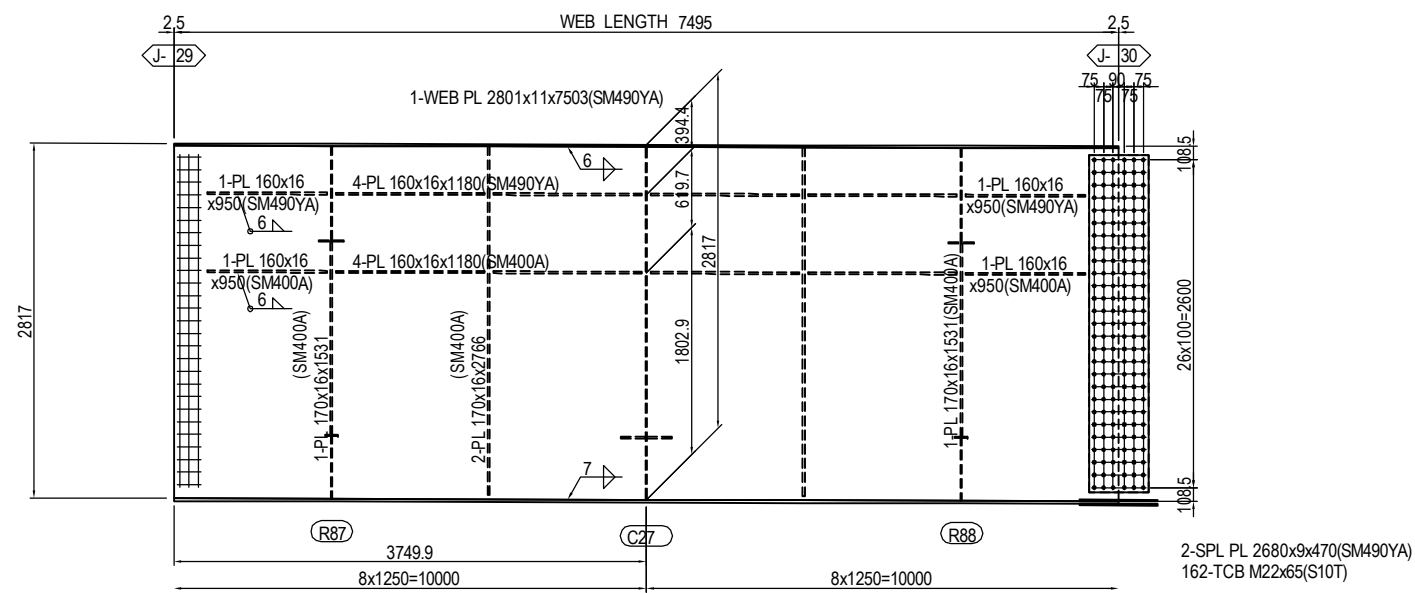


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (29)	PACKAGE 2 DWG No. P2-SB-1229
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

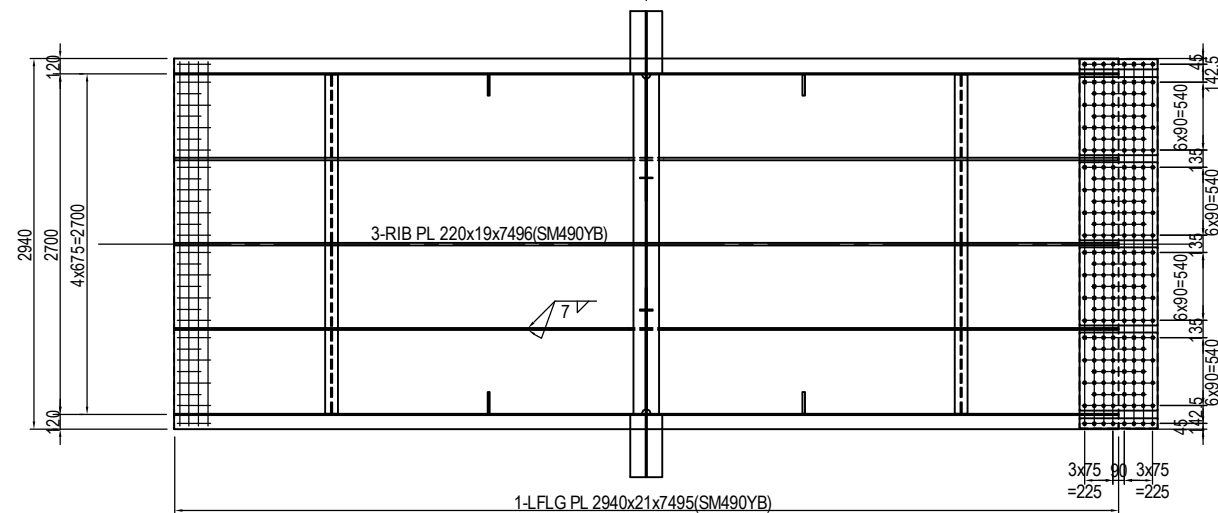
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (30) S=1:60



2-SPL PL 2640x9x470(SM490YA)
162-TCB M22x65(S10T)

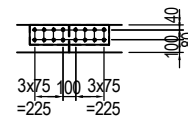


2-SPL PL 2680x9x470(SM490YA)
162-TCB M22x65(S10T)

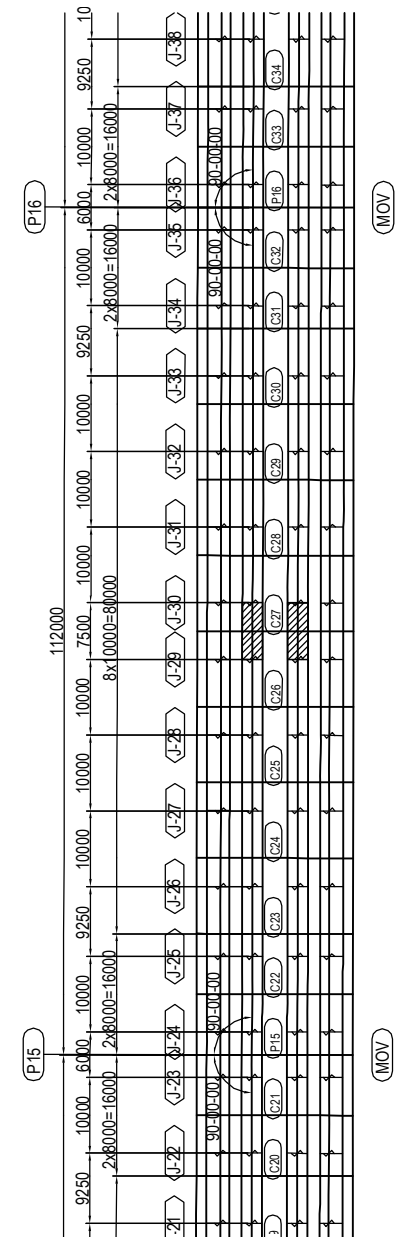


2-SPL PL 80x13x620(SM490YA)
4-SPL PL 620x13x620(SM490YA)
1-SPL PL 2930x12x620(SM490YA)
216-TCB M22x85(S10T)

(RIB PLATE per set)
2-SPL PL 160x14x630(SM490YA)
16-TCB M22x85(S10T)

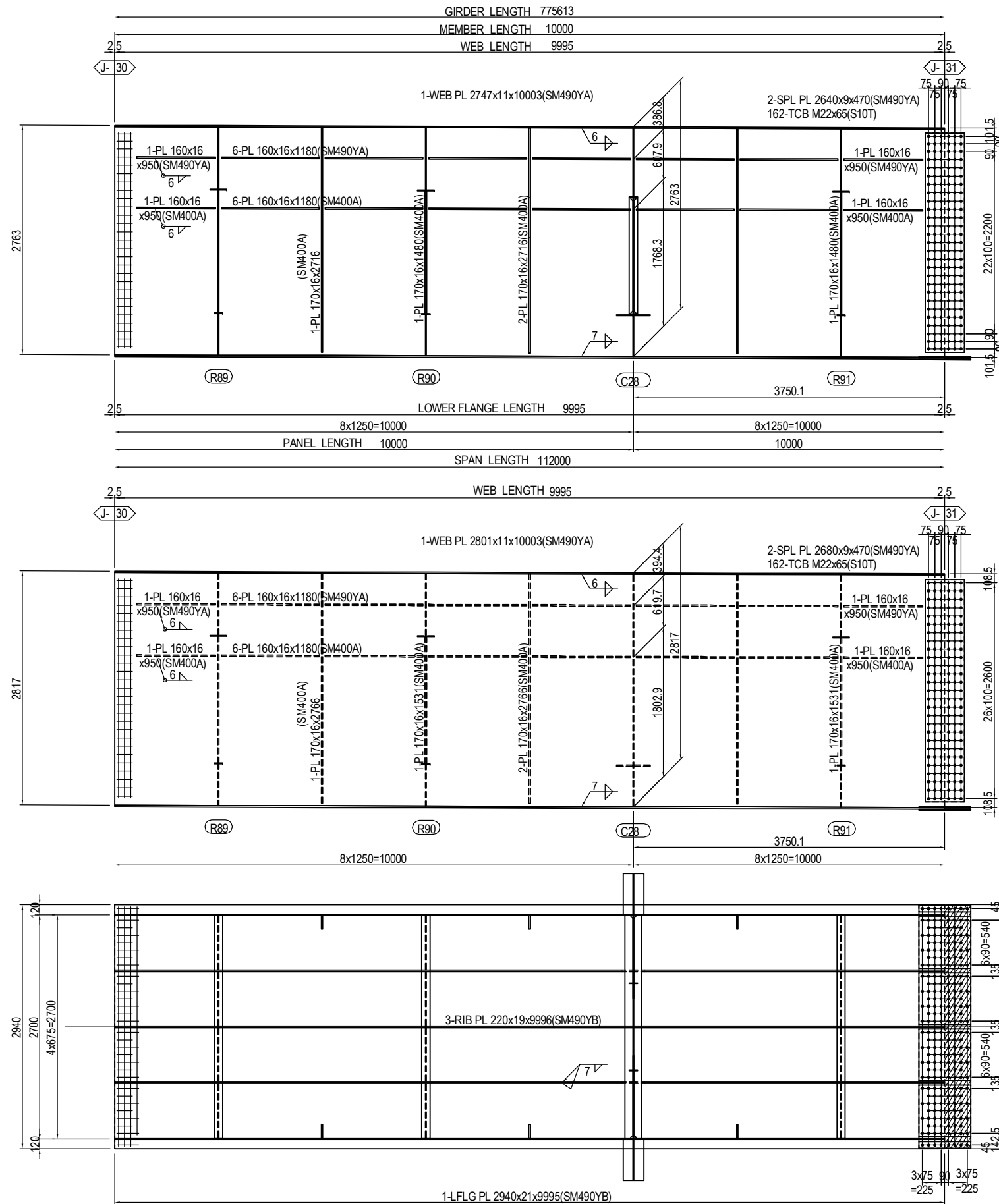


MARKING DIAGRAM

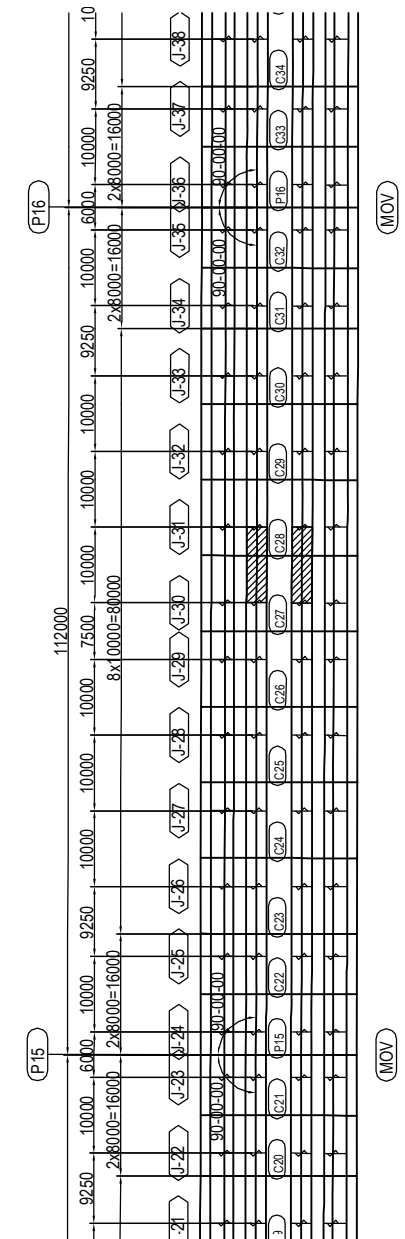


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (30)</h3>	PACKAGE 2 DWG No. P2-SB-1230
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

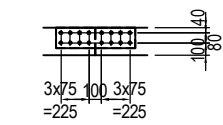
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (31) S=1:60



MARKING DIAGRAM



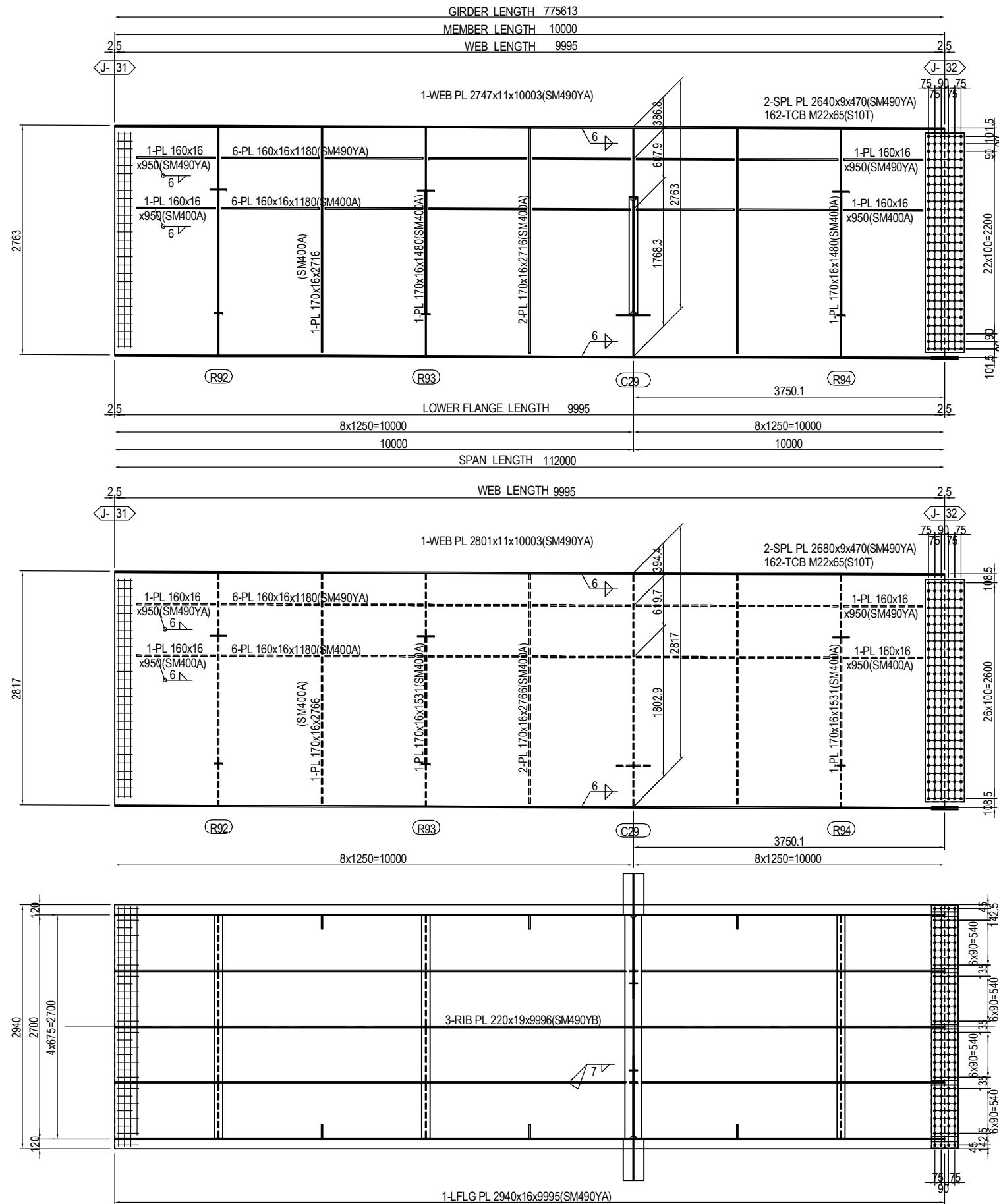
- 2-SPL PL 80x10x620(SM490YA)
- 4-SPL PL 620x10x620(SM490YA)
- 1-SPL PL 2930x9x620(SM490YA)
- 216-TCB M22x75(S10T)
- 1-FILL PL 2930x4.5x308(SS400)



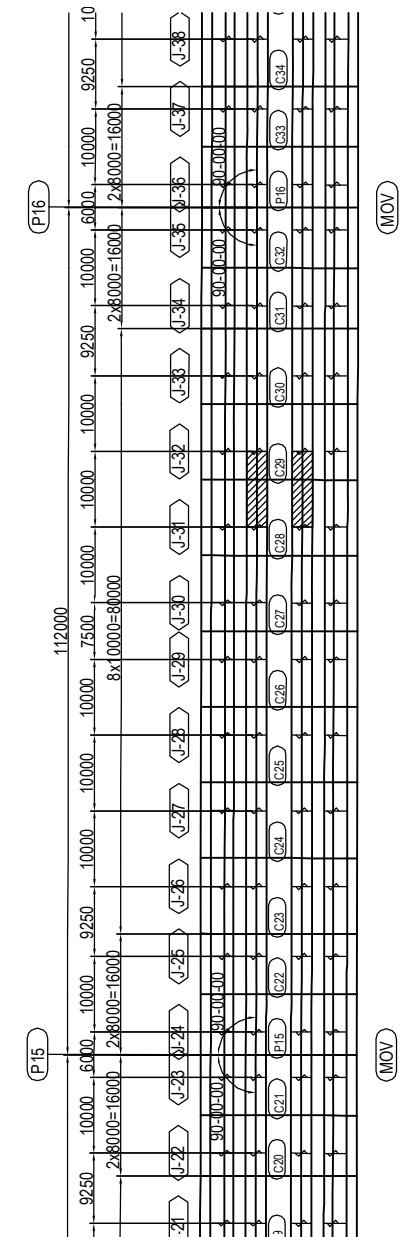
- (RIB PLATE per set)
- 2-SPL PL 160x14x630(SM490YA)
- 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (31)	PACKAGE 2 DWG No. P2-SB-1231
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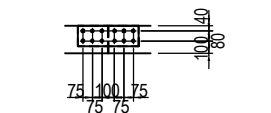
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (32) S=1:60



MARKING DIAGRAM



2-SPL PL 80x9x320(SM490YA)
 4-SPL PL 620x9x320(SM490YA)
 1-SPL PL 2930x9x320(SM490YA)
 120-TCB M22x70(S10T)



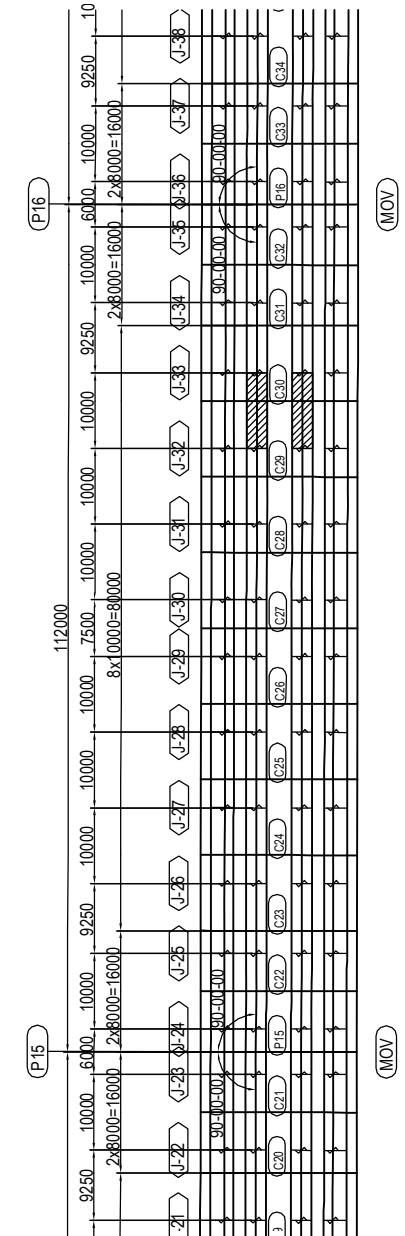
(RIB PLATE per set)
 2-SPL PL 160x11x480(SM490YA)
 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (32)	PACKAGE 2 DWG No. P2-SB-1232
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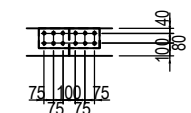
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (33) S=1:60



MARKING DIAGRAM



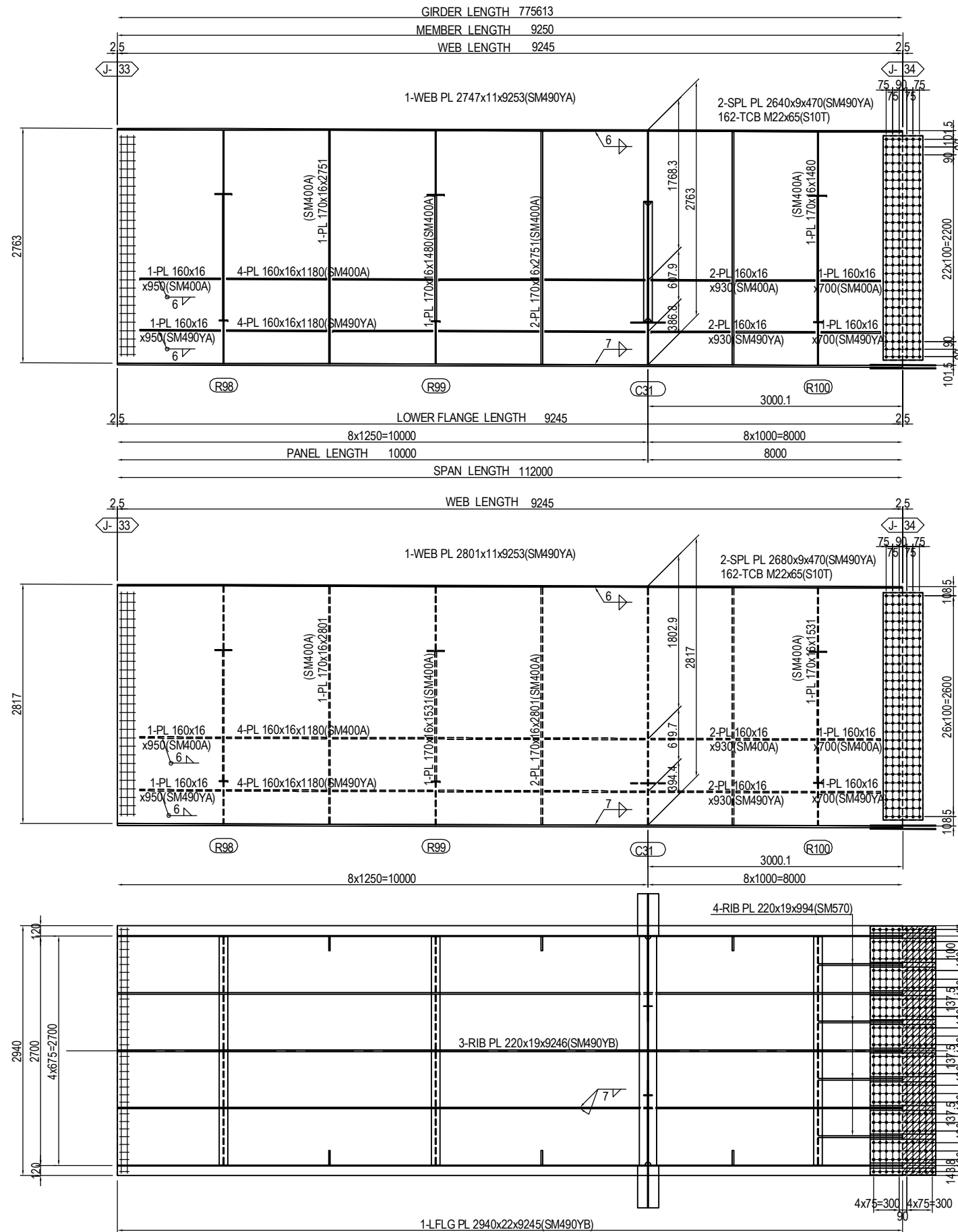
- 2-SPL PL 80x9x320(SM490YA)
- 4-SPL PL 620x9x320(SM490YA)
- 1-SPL PL 2930x9x320(SM490YA)
- 120-TCB M22x75(S10T)
- 1-FILL PL 2930x6x158(SS400)



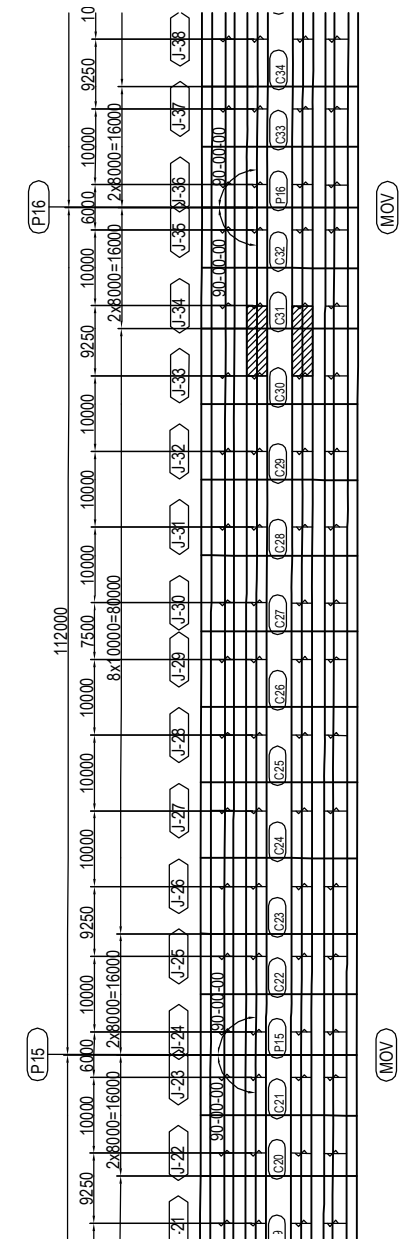
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (33)	PACKAGE 2 DWG No. P2-SB-1233
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

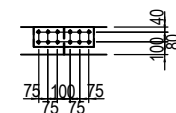
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (34) S=1:60



MARKING DIAGRAM



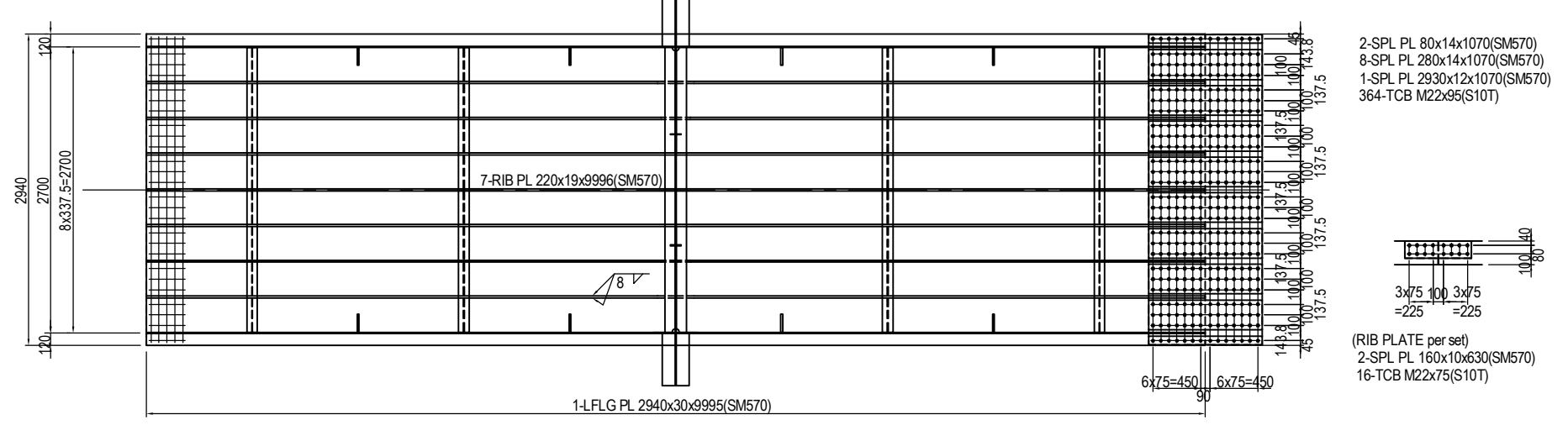
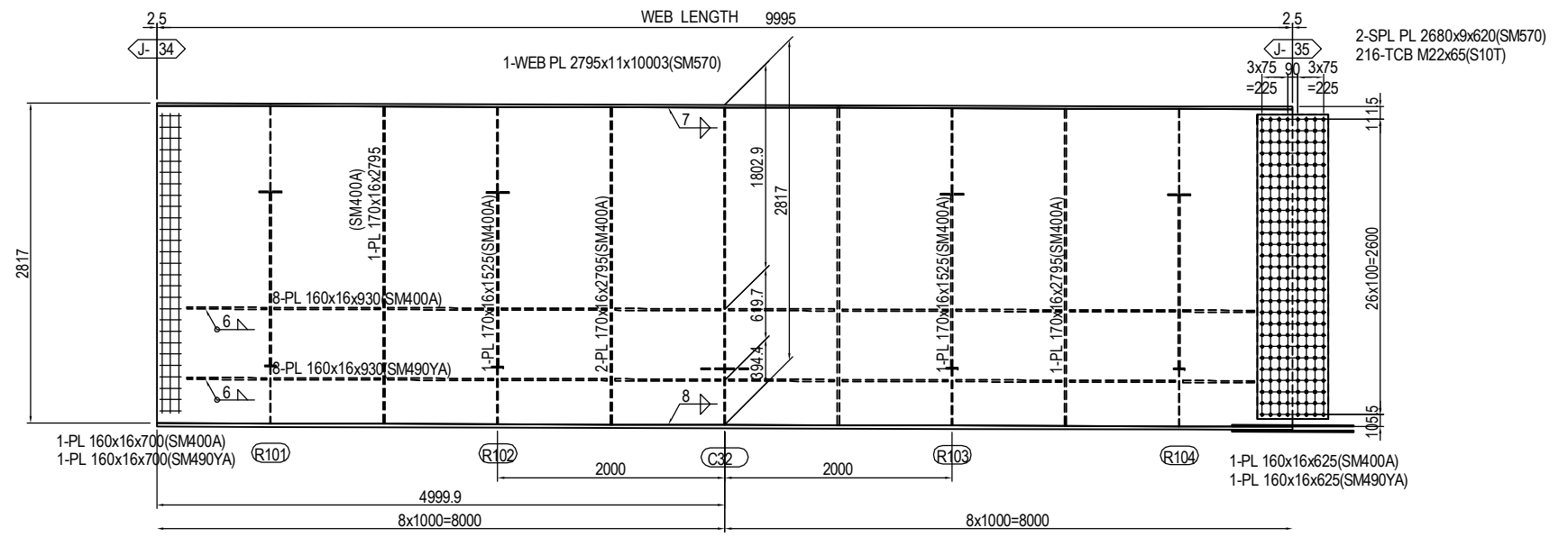
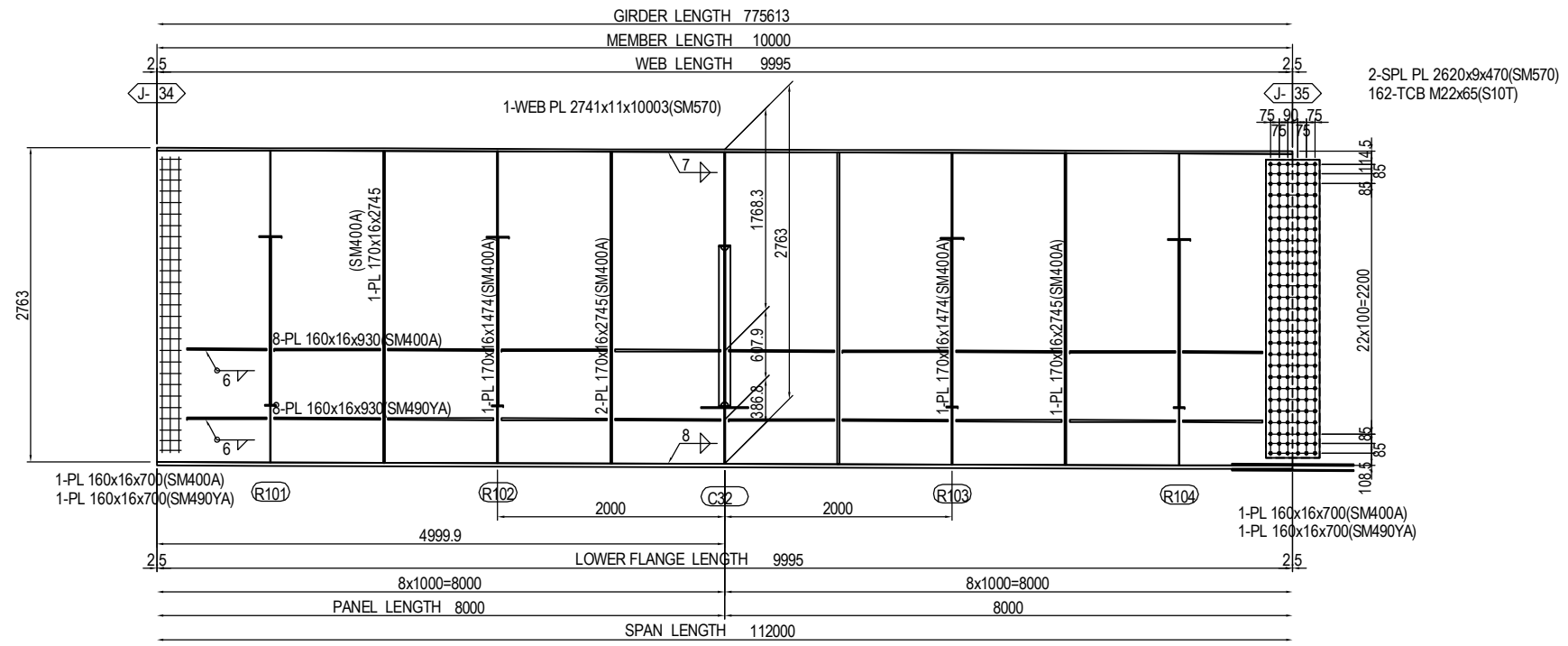
- 2-SPL PL 80x9x770(SM490YA)
- 8-SPL PL 280x9x770(SM490YA)
- 1-SPL PL 2930x9x770(SM490YA)
- 260-TCB M22x85(S10T)
- 1-FILL PL 2930x8x383(SS400)



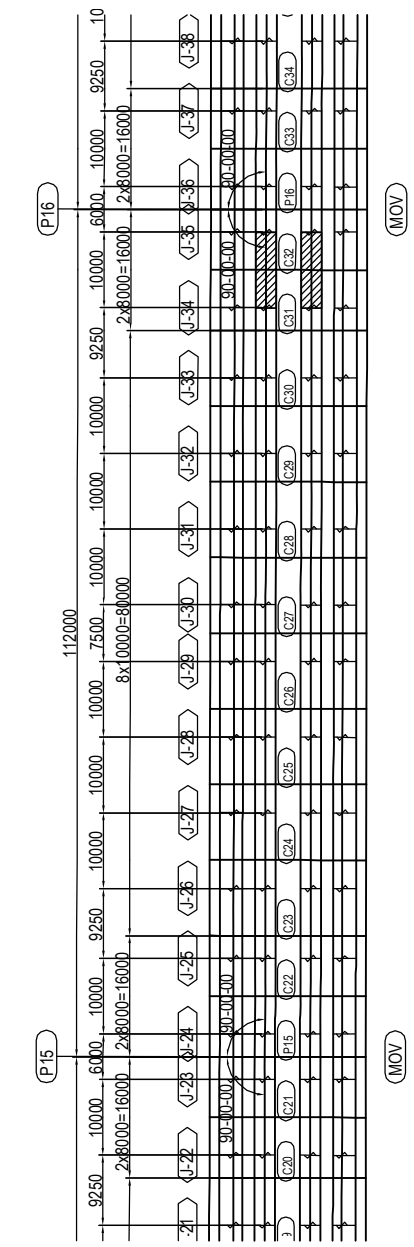
- (RIB PLATE per set)
- 2-SPL PL 160x10x480(SM490YA)
- 12-TCB M22x75(S10T)

<p>PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT</p>	<p>FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE</p>	<p>JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.</p>	<p>NAME S. IMADA T. HAYAKAWA Y. SANO</p>	<p>SIGNATURE </p>	<p>DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017</p>	<p>DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (34)</p>	<p>PACKAGE 2 DWG No. P2-SB-1234</p>
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (35) S=1:60

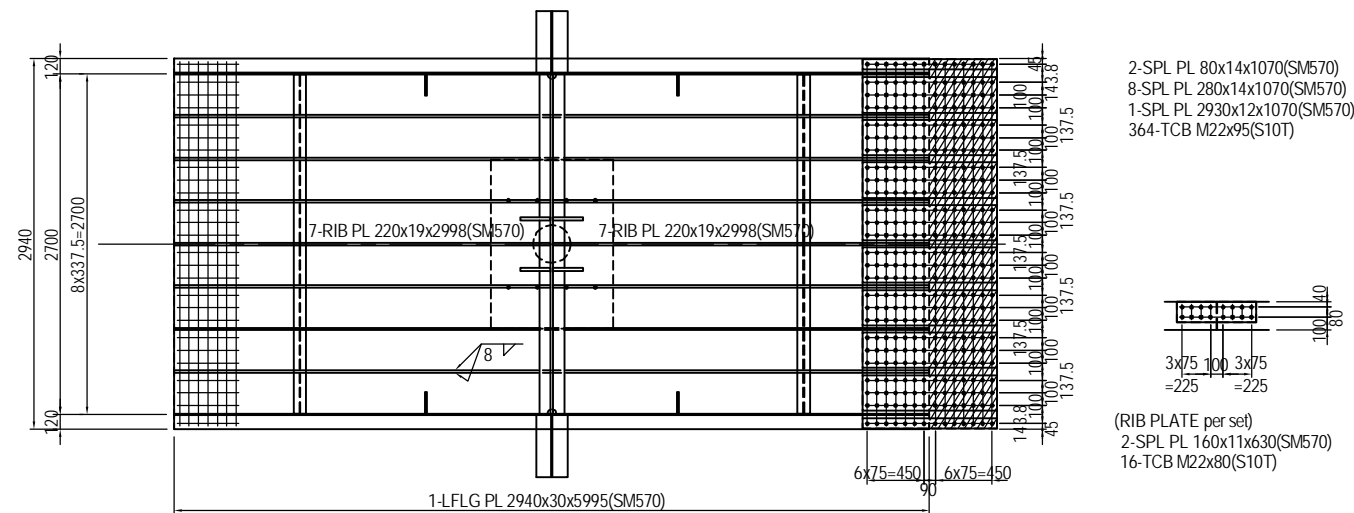
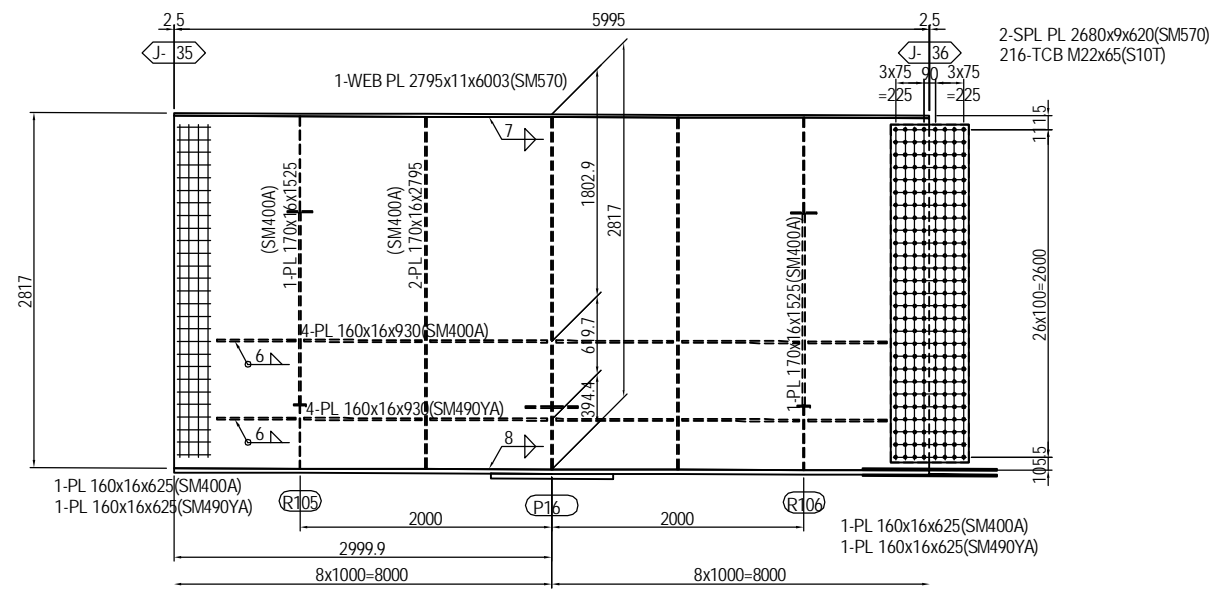
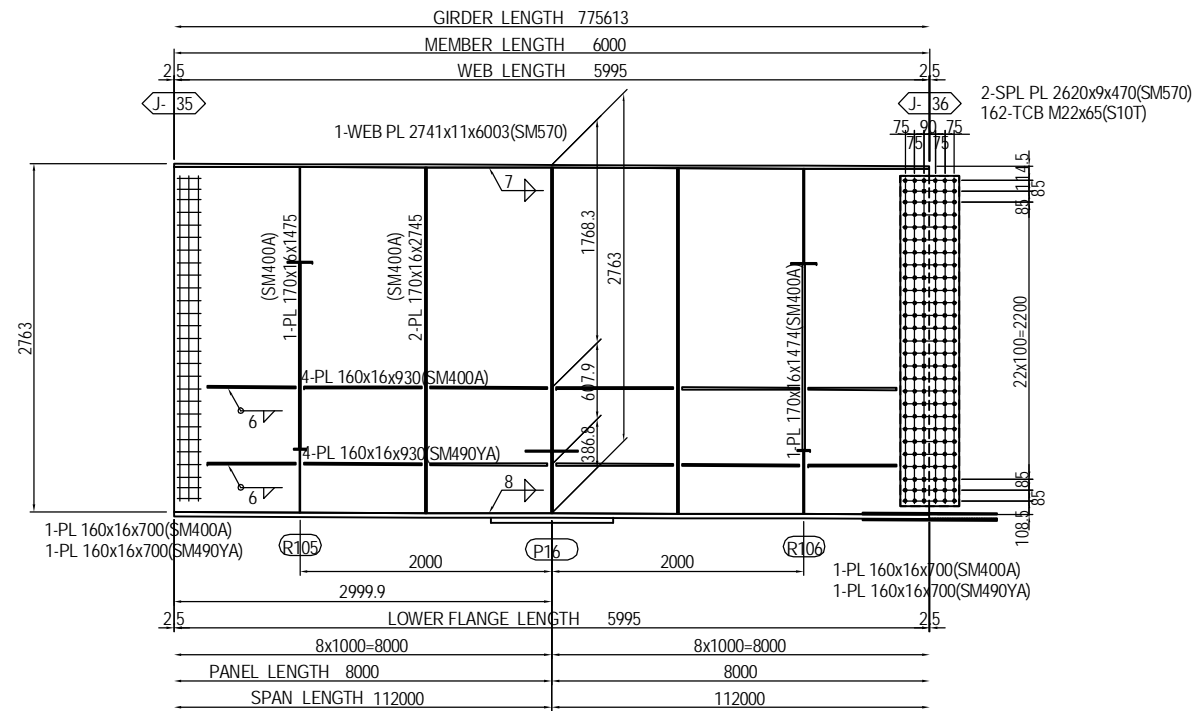


MARKING DIAGRAM

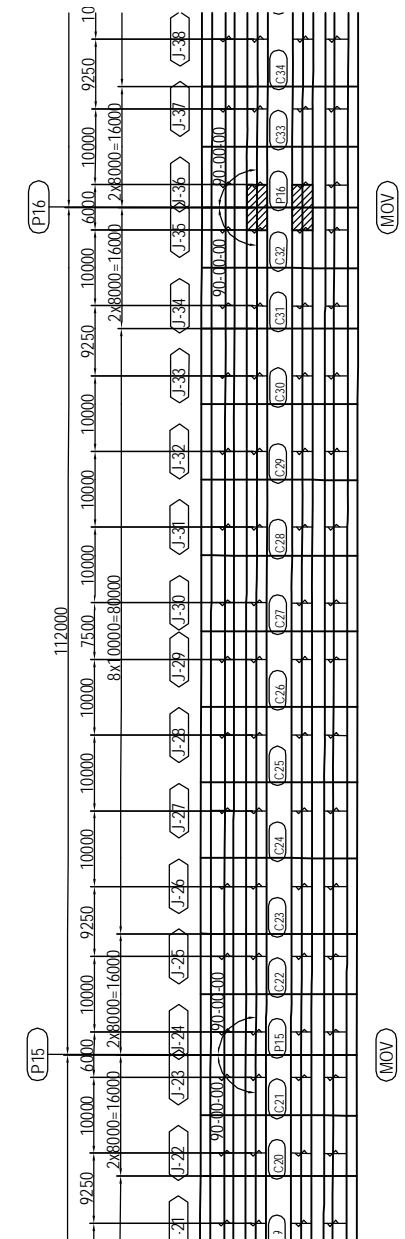


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (35)	PACKAGE 2 DWG No. P2-SB-1235
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (36) S=1:60

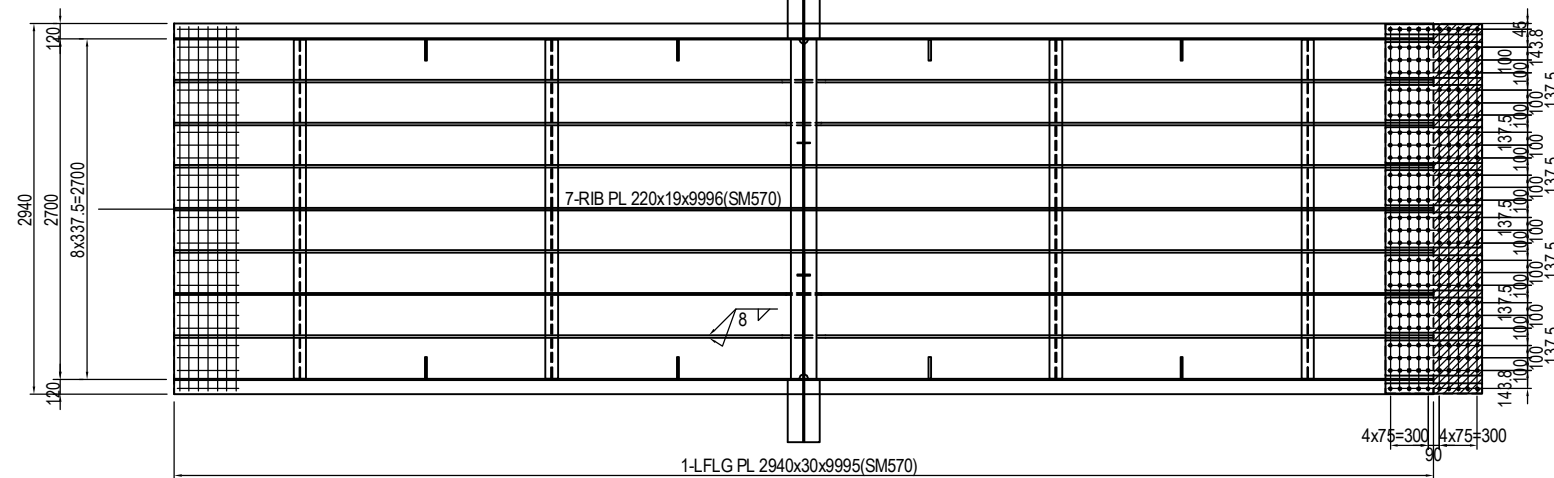
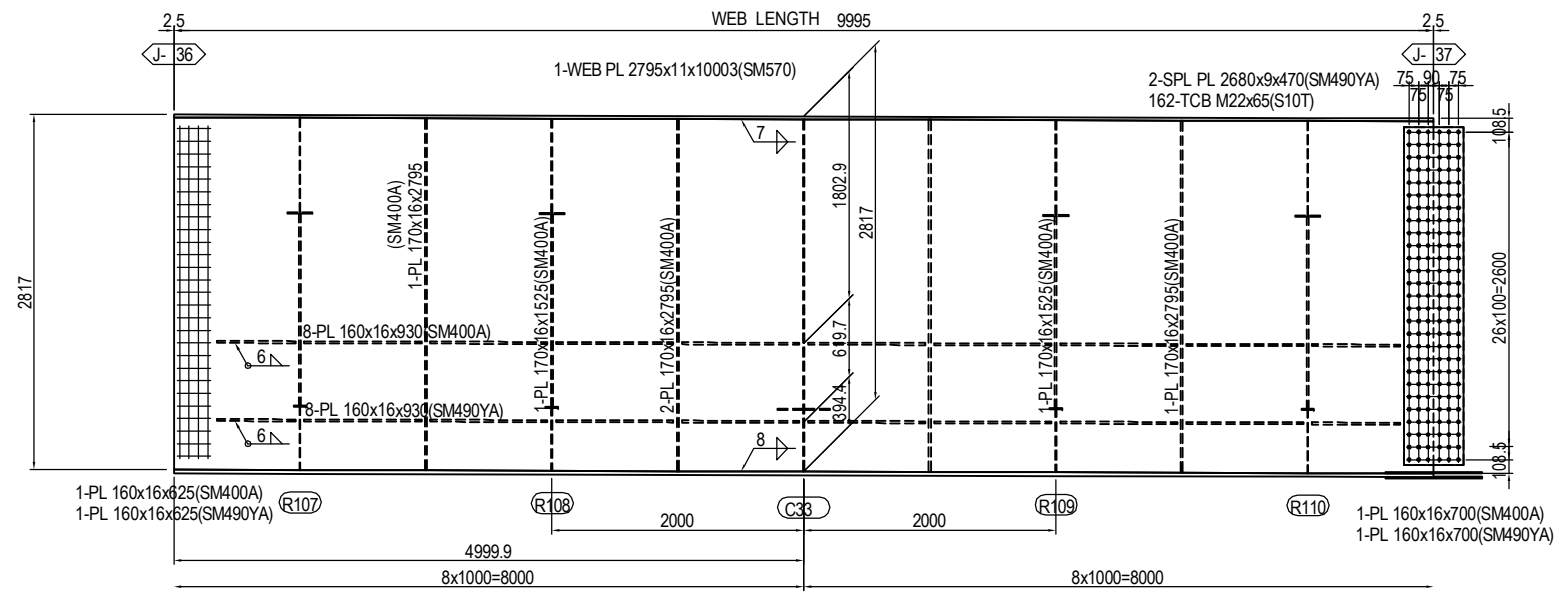
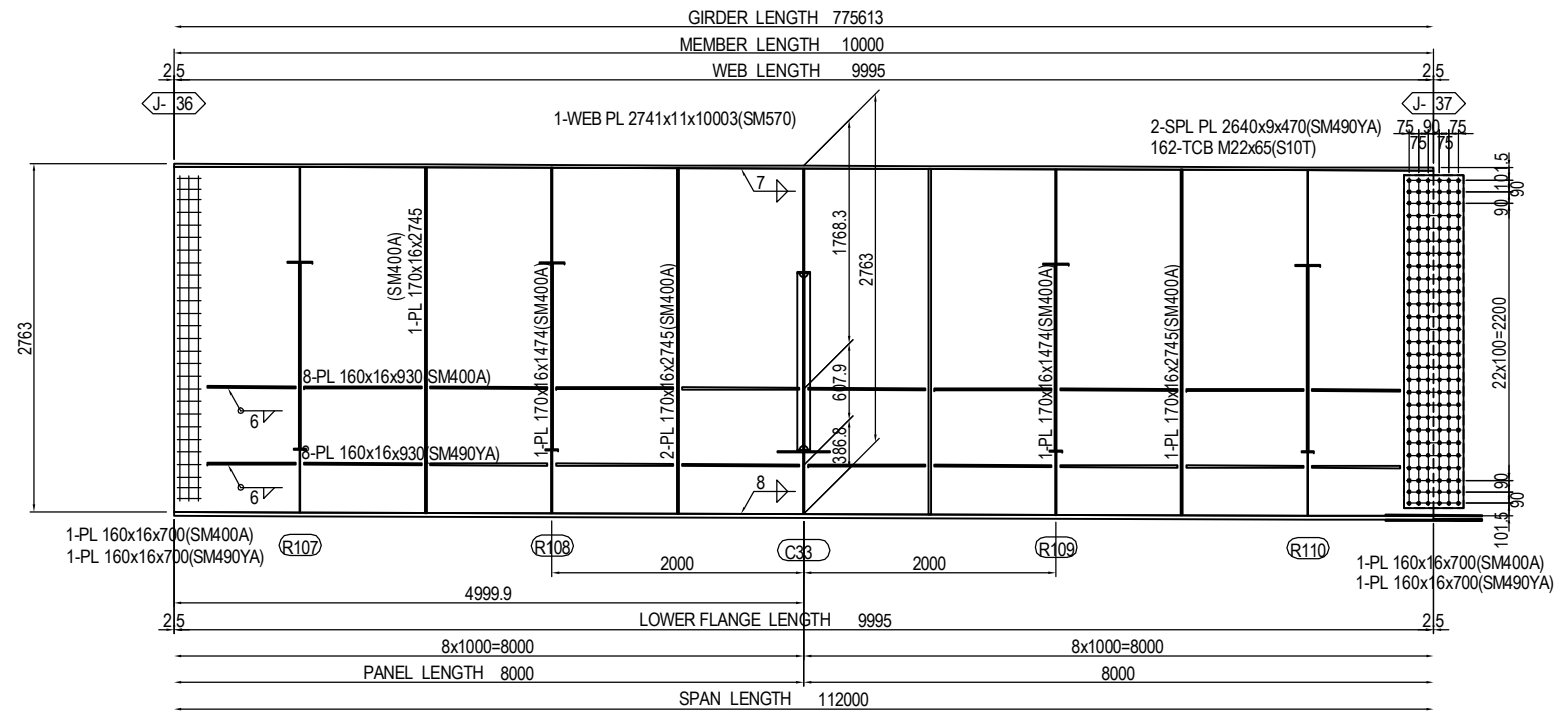


MARKING DIAGRAM

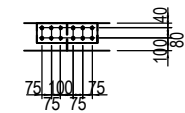


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">NAME</td> <td style="width: 20%;">SIGNATURE</td> <td style="width: 20%;">DATE</td> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (36)	PACKAGE 2 DWG No. P2-SB-1236
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (37) S=1:60

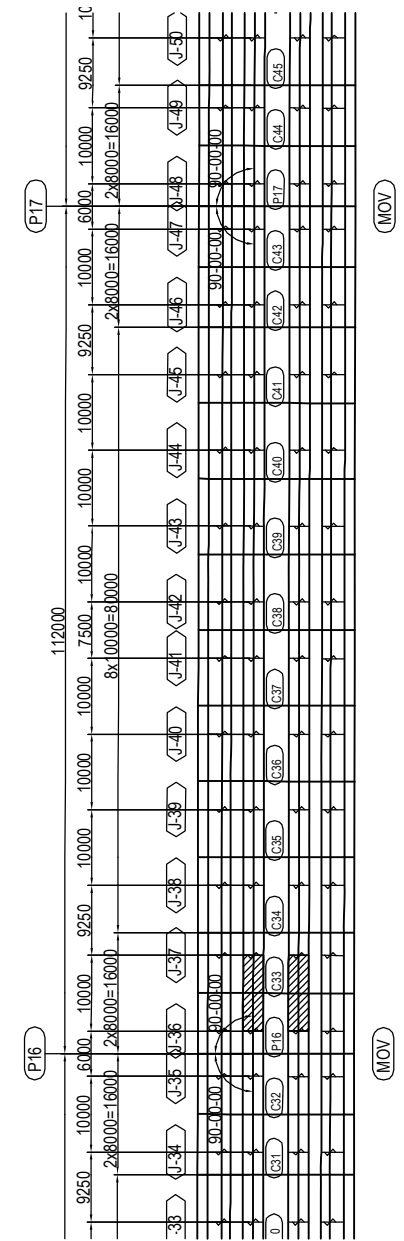


- 2-SPL PL 80x10x770(SM490YA)
- 8-SPL PL 280x10x770(SM490YA)
- 1-SPL PL 2930x9x770(SM490YA)
- 260-TCB M22x85(S10T)
- 1-FILL PL 2930x6x383(SS400)



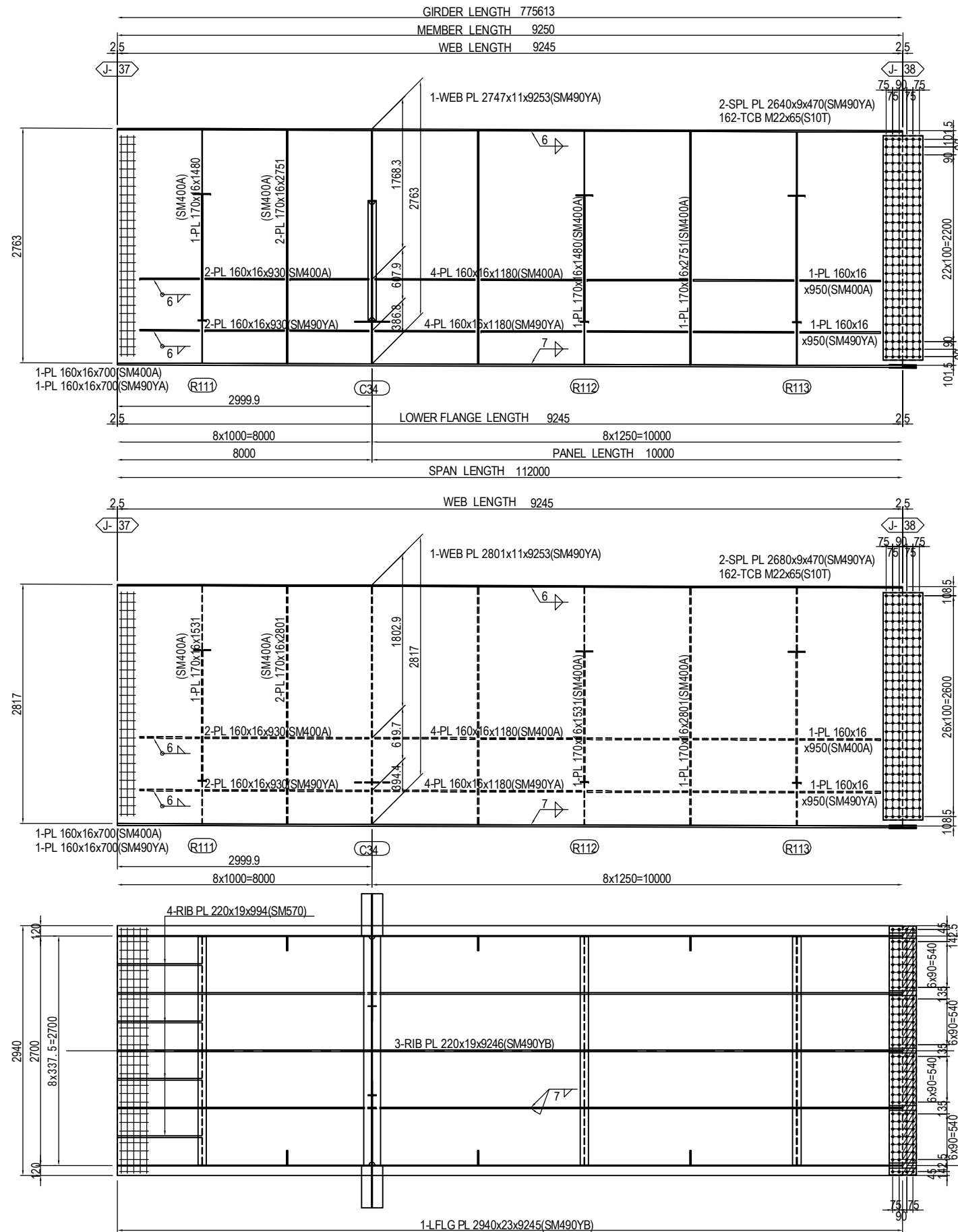
- (RIB PLATE per set)
- 2-SPL PL 160x10x480(SM490YA)
- 12-TCB M22x75(S10T)

MARKING DIAGRAM

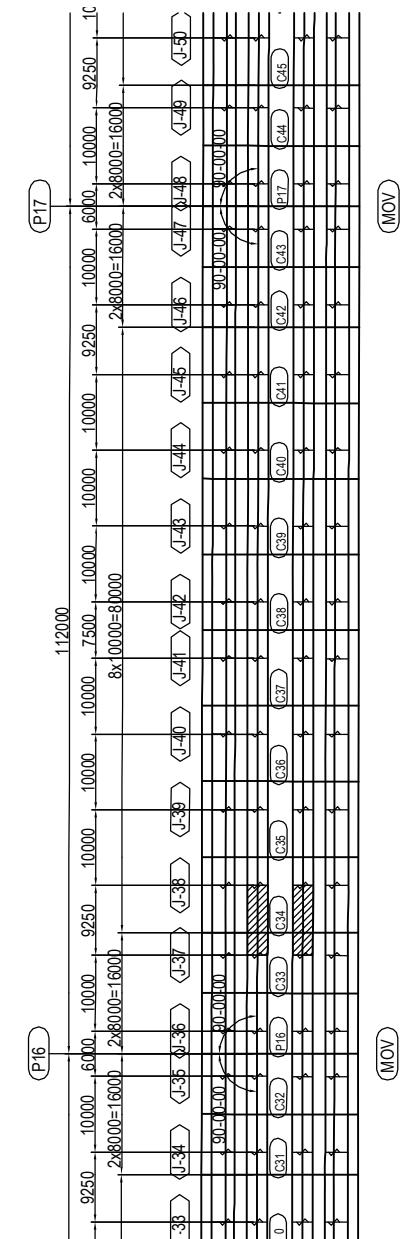


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (37)	PACKAGE 2 DWG No. P2-SB-1237
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (38) S=1:60



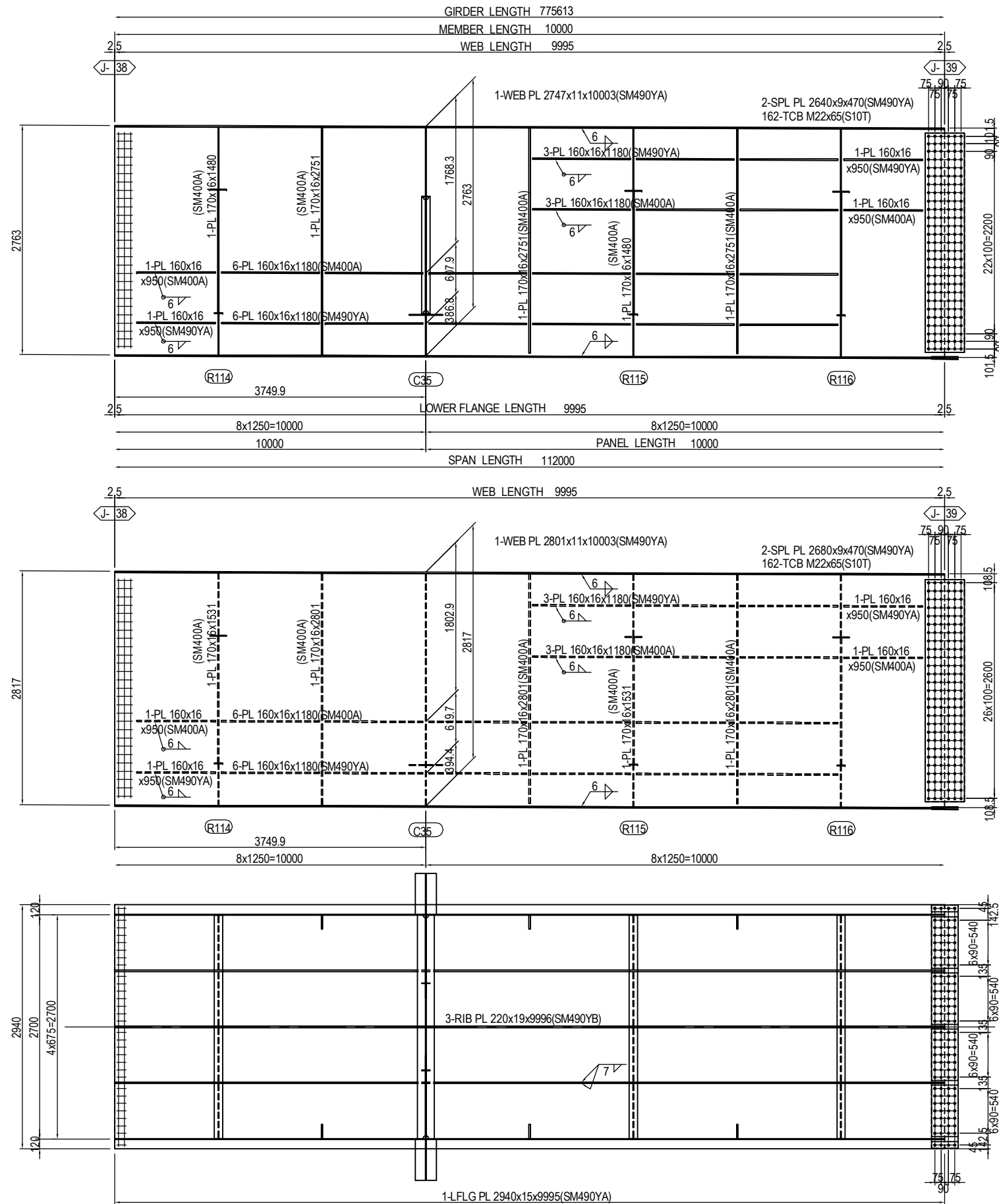
MARKING DIAGRAM



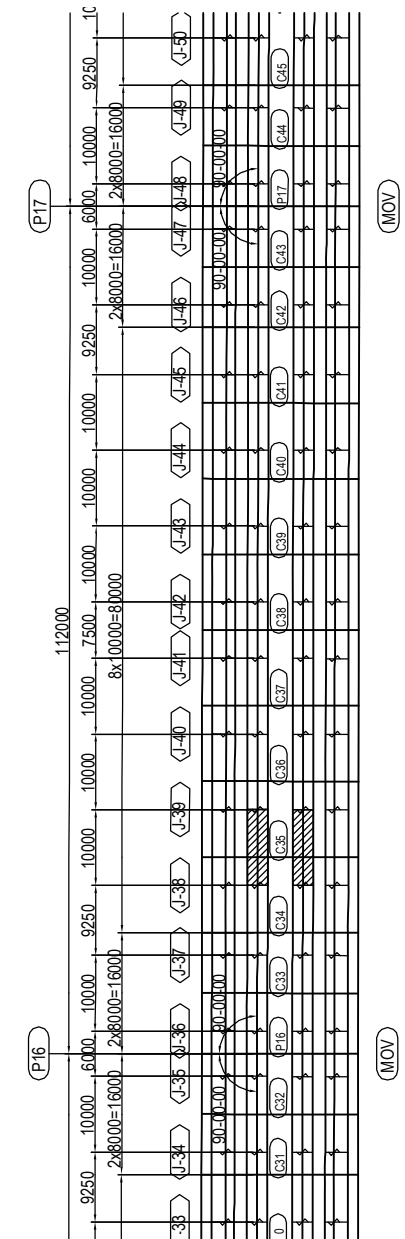
- 2-SPL PL 80x9x320(SM490YA)
 - 4-SPL PL 620x9x320(SM490YA)
 - 1-SPL PL 2930x9x320(SM490YA)
 - 120-TCB M22x80(S10T)
 - 1-FILL PL 2930x8x158(SS400)
- (RIB PLATE per set)
 2-SPL PL 160x11x480(SM490YA)
 12-TCB M22x80(S10T)

PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	15 Jun.2017 20 Jun.2017 21 Jun.2017	DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (38)	2 DWG No. P2-SB-1238

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (39) S=1:60



MARKING DIAGRAM

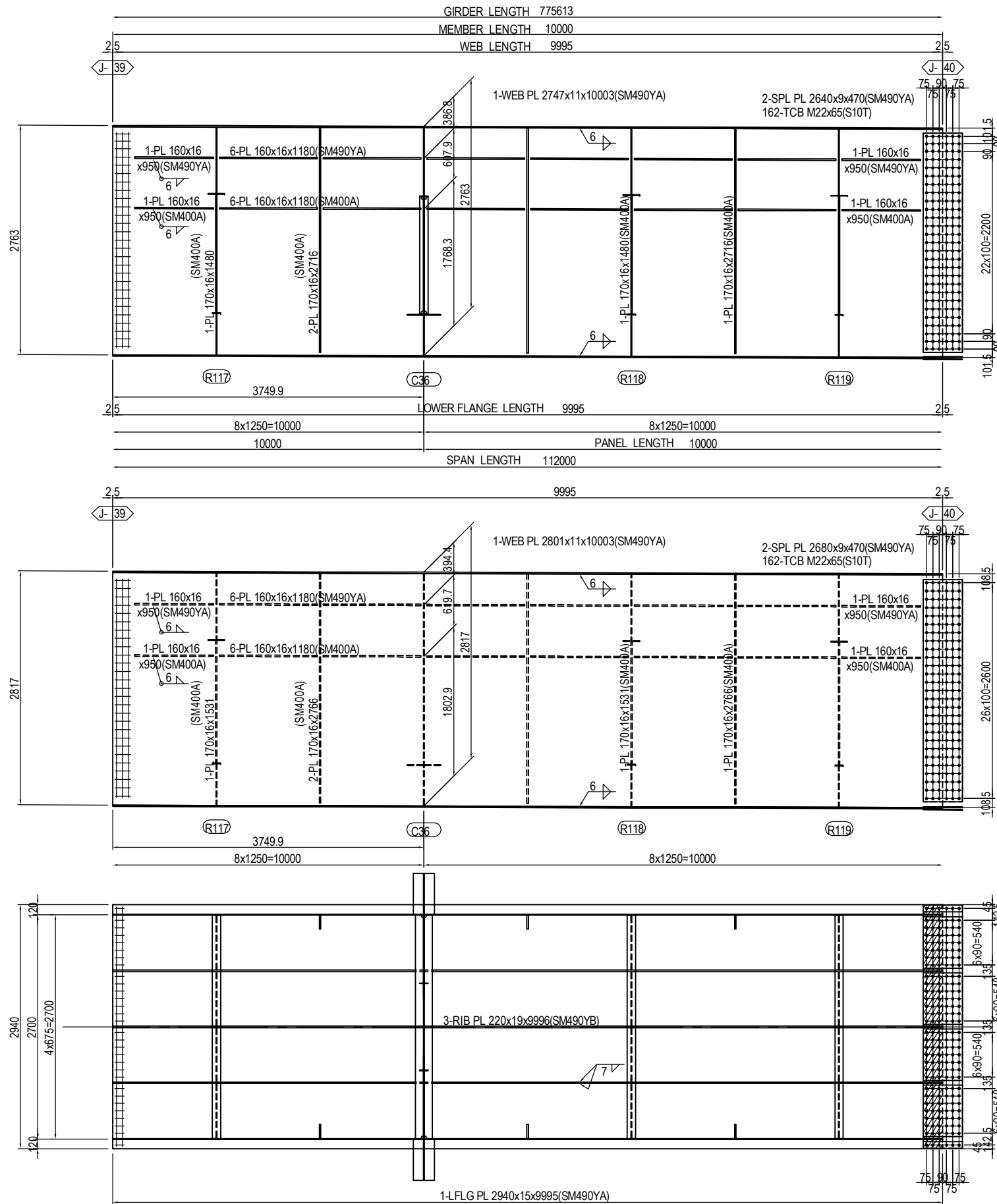


2-SPL PL 80x9x320(SM490YA)
 4-SPL PL 620x9x320(SM490YA)
 1-SPL PL 2930x9x320(SM490YA)
 120-TCB M22x70(S10T)

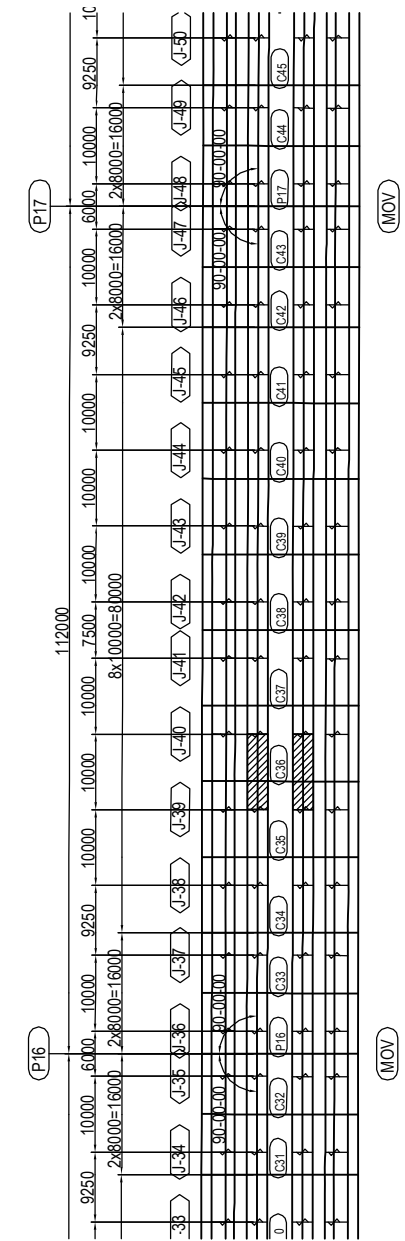
(RIB PLATE per set)
 2-SPL PL 160x11x480(SM490YA)
 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (39)	PACKAGE 2 DWG No. P2-SB-1239
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

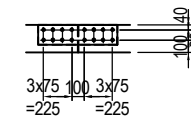
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (40) S=1:60



MARKING DIAGRAM



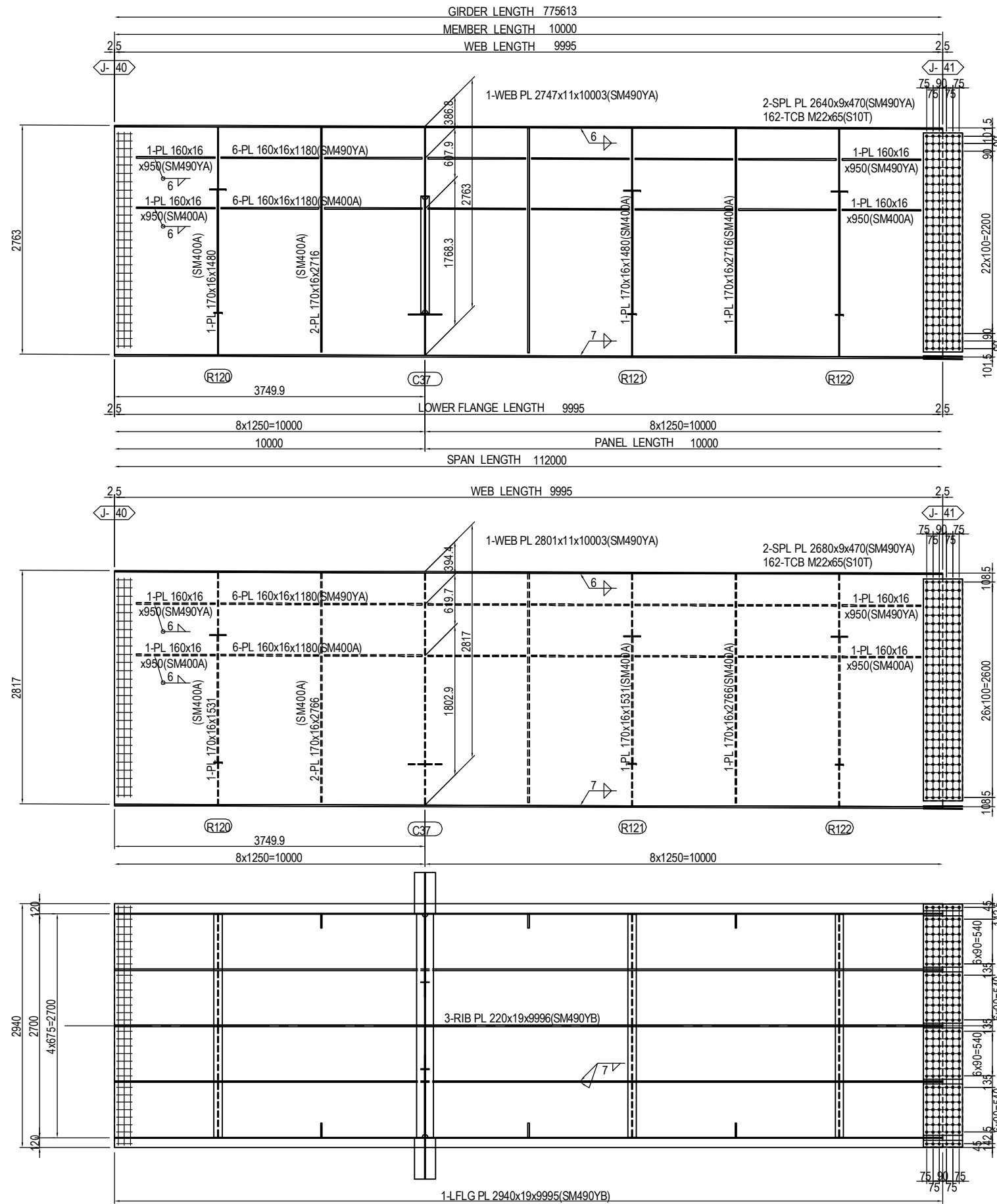
- 2-SPL PL 80x9x470(SM490YA)
- 4-SPL PL 620x9x470(SM490YA)
- 1-SPL PL 2930x9x470(SM490YA)
- 180-TCB M22x75(S10T)
- 1-FILL PL 2930x4.5x233(SS400)



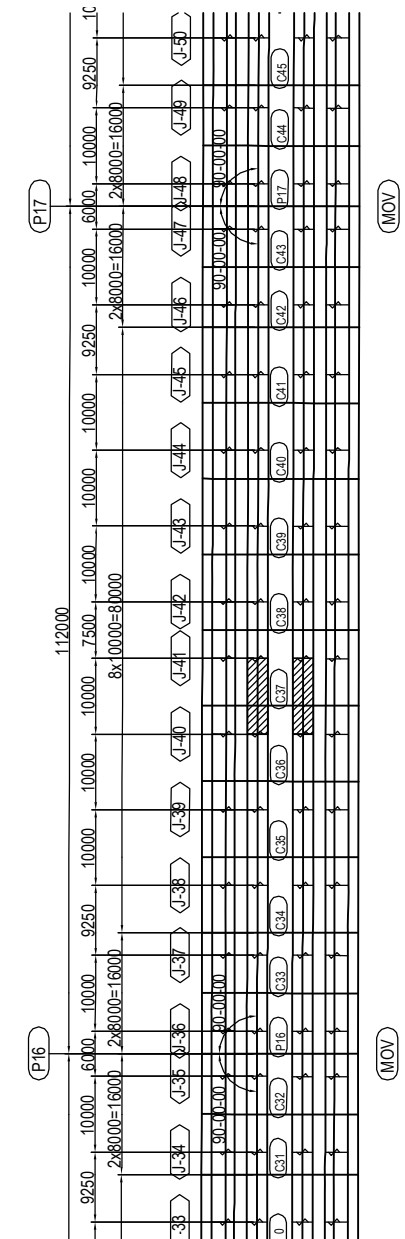
- (RIB PLATE per set)
- 2-SPL PL 160x15x630(SM490YA)
- 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (40)	PACKAGE 2 DWG No. P2-SB-1240
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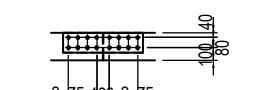
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (41) S=1:60



MARKING DIAGRAM



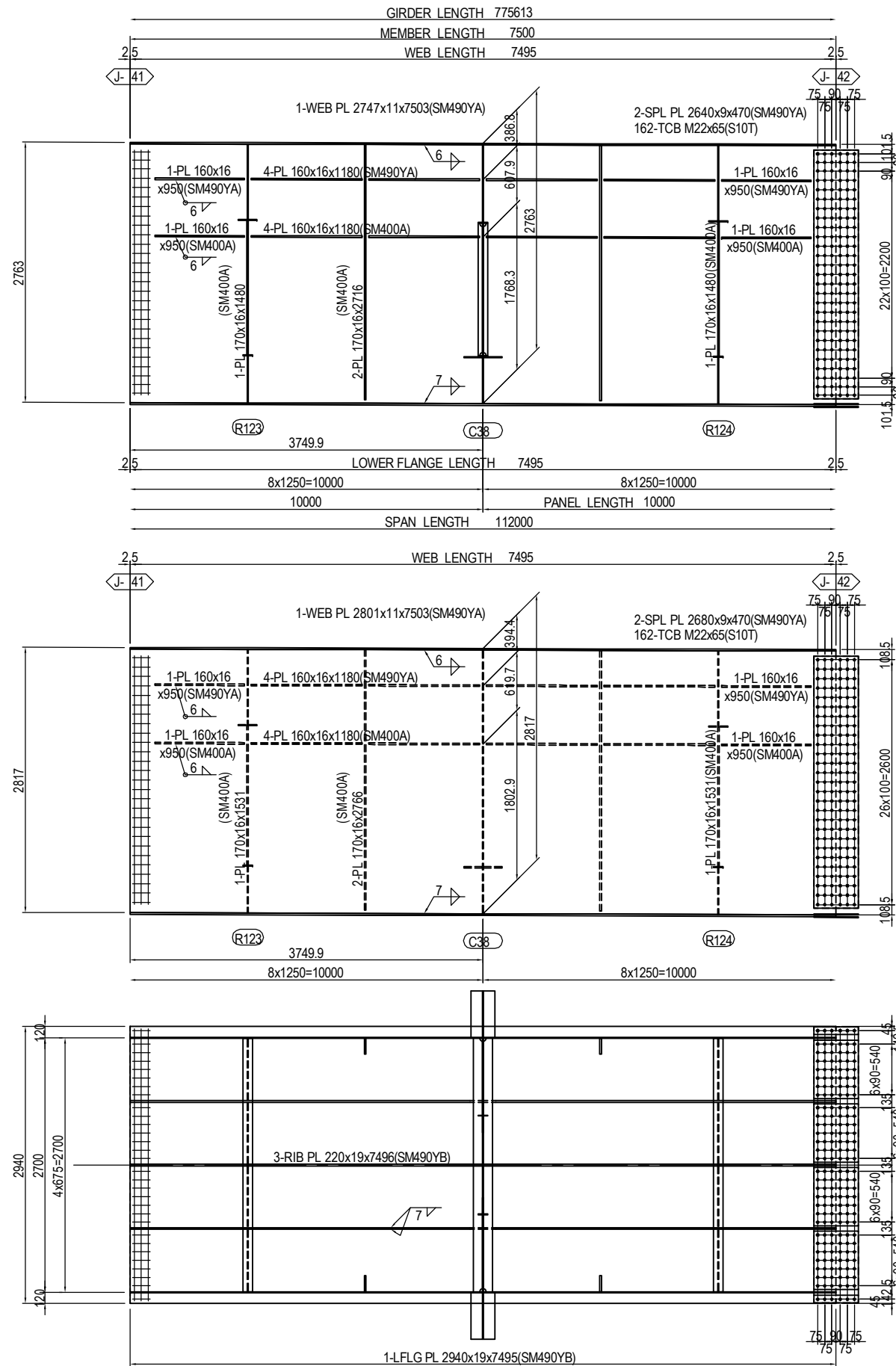
2-SPL PL 80x11x470(SM490YA)
 4-SPL PL 620x11x470(SM490YA)
 1-SPL PL 2930x10x470(SM490YA)
 180-TCB M22x75(S10T)



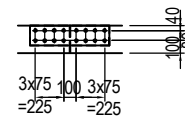
(RIB PLATE per set)
 2-SPL PL 160x15x630(SM490YA)
 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (41)	PACKAGE 2 DWG No. P2-SB-1241
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (42) S=1:60

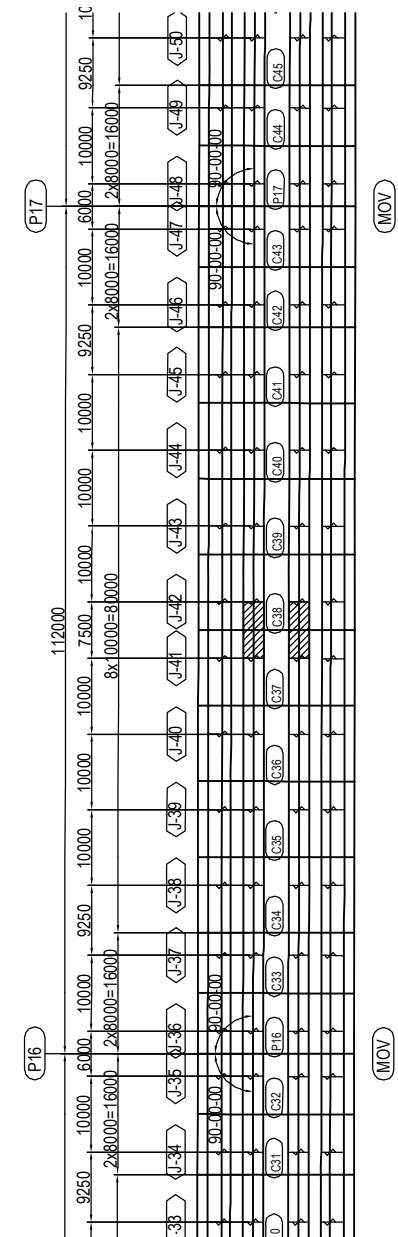


2-SPL PL 80x11x470(SM490YA)
 4-SPL PL 620x11x470(SM490YA)
 1-SPL PL 2930x10x470(SM490YA)
 180-TCB M22x75(S10T)



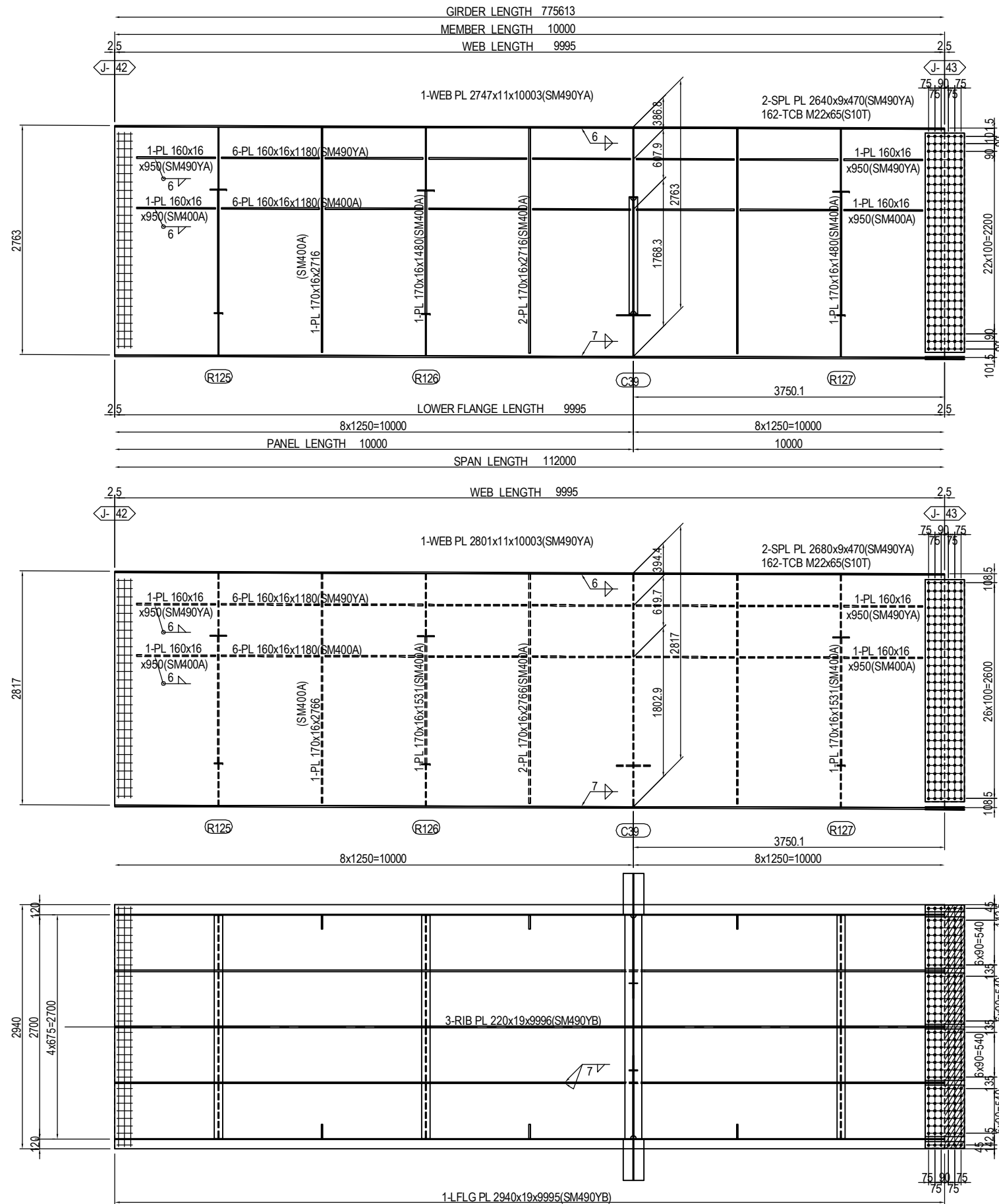
(RIB PLATE per set)
 2-SPL PL 160x15x630(SM490YA)
 16-TCB M22x85(S10T)

MARKING DIAGRAM

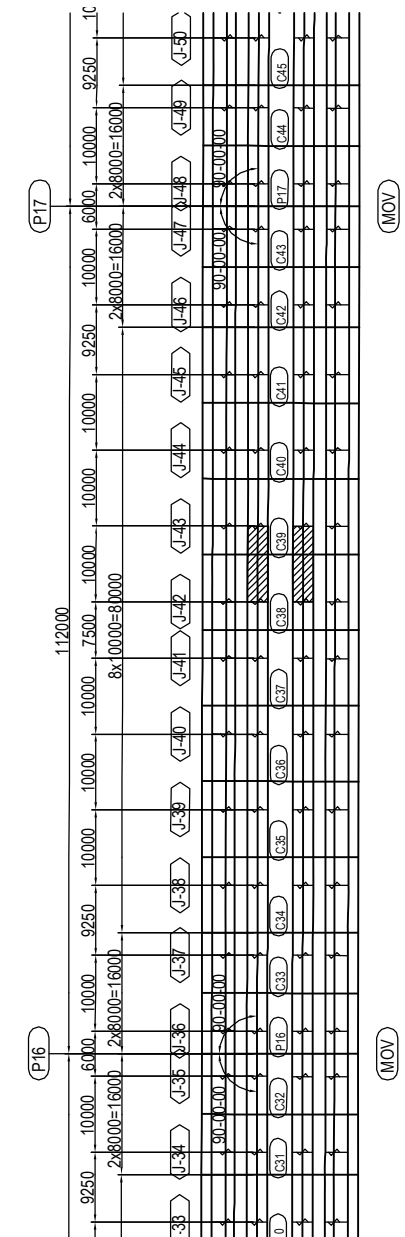


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY CHECKED BY APPROVED BY	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (42)	PACKAGE 2 DWG No. P2-SB-1242
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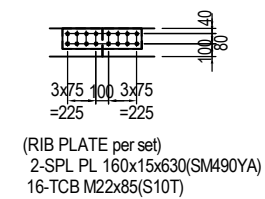
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (43) S=1:60



MARKING DIAGRAM

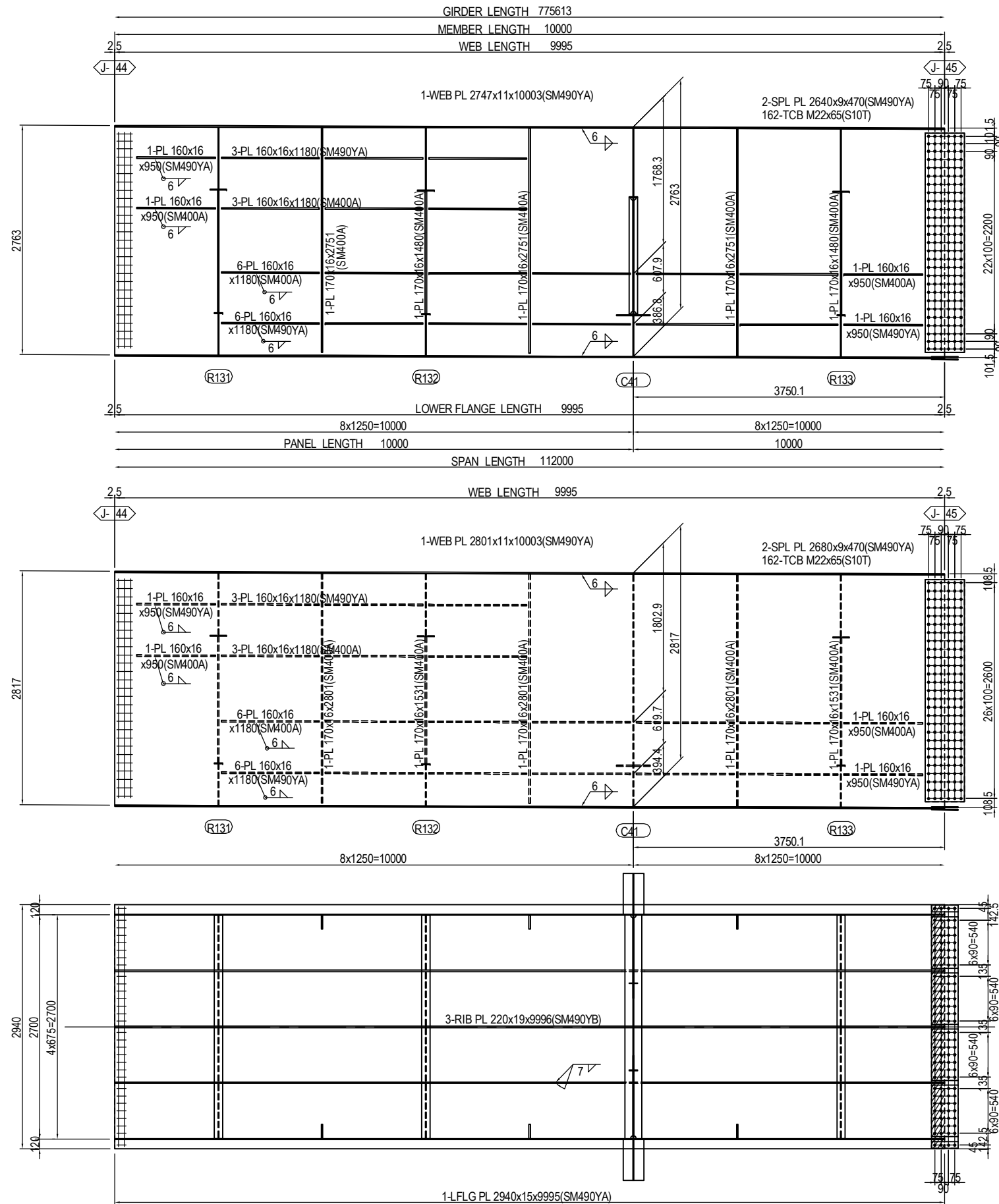


- 2-SPL PL 80x9x470(SM490YA)
- 4-SPL PL 620x9x470(SM490YA)
- 1-SPL PL 2930x9x470(SM490YA)
- 180-TCB M22x75(S10T)
- 1-FILL PL 2930x4.5x233(SS400)

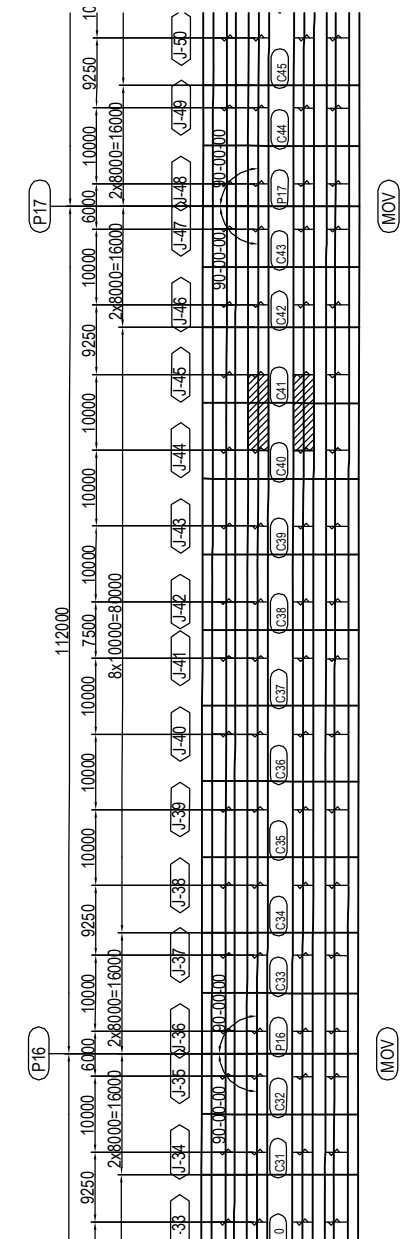


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (43)	PACKAGE 2 DWG No. P2-SB-1243
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

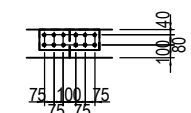
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (45) S=1:60



MARKING DIAGRAM



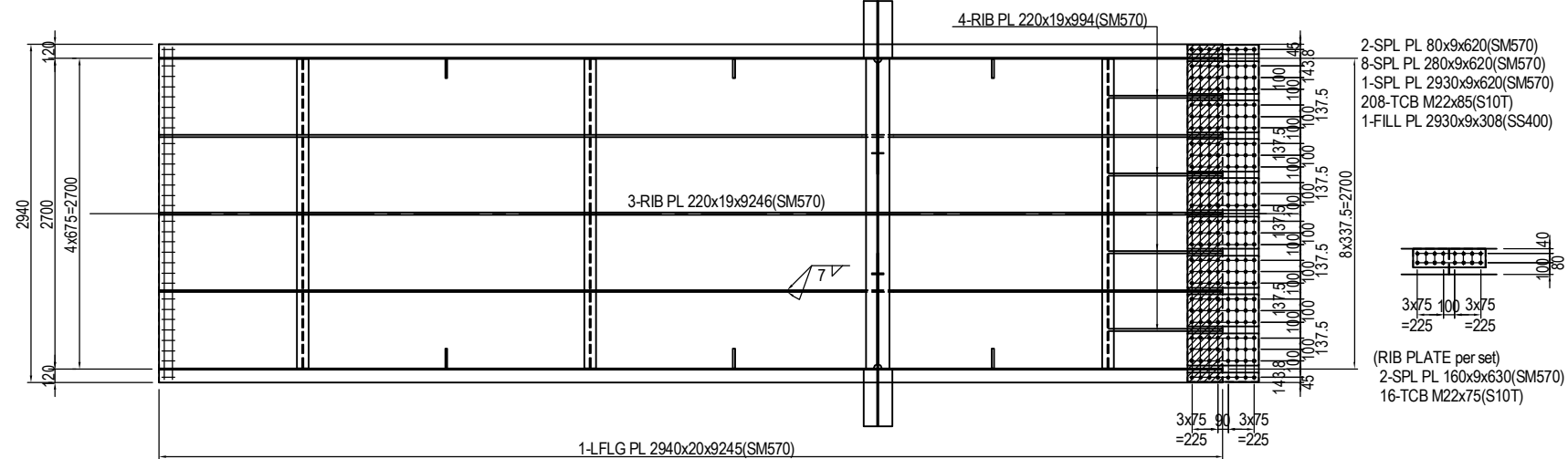
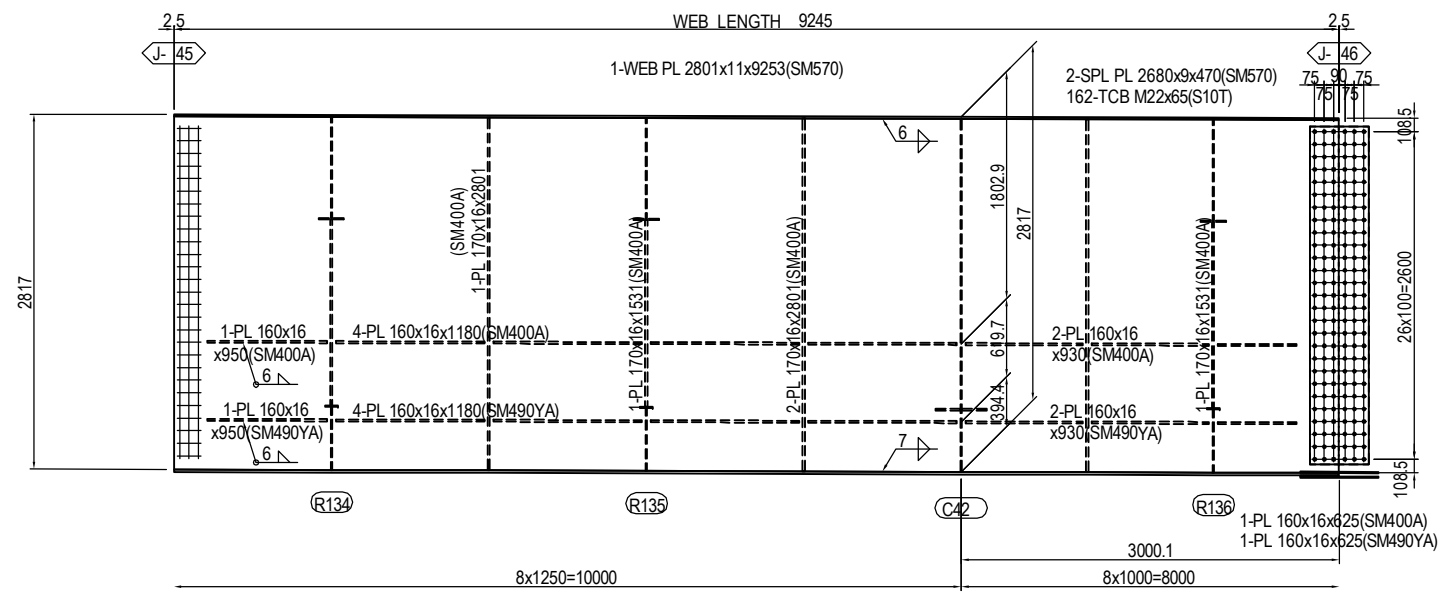
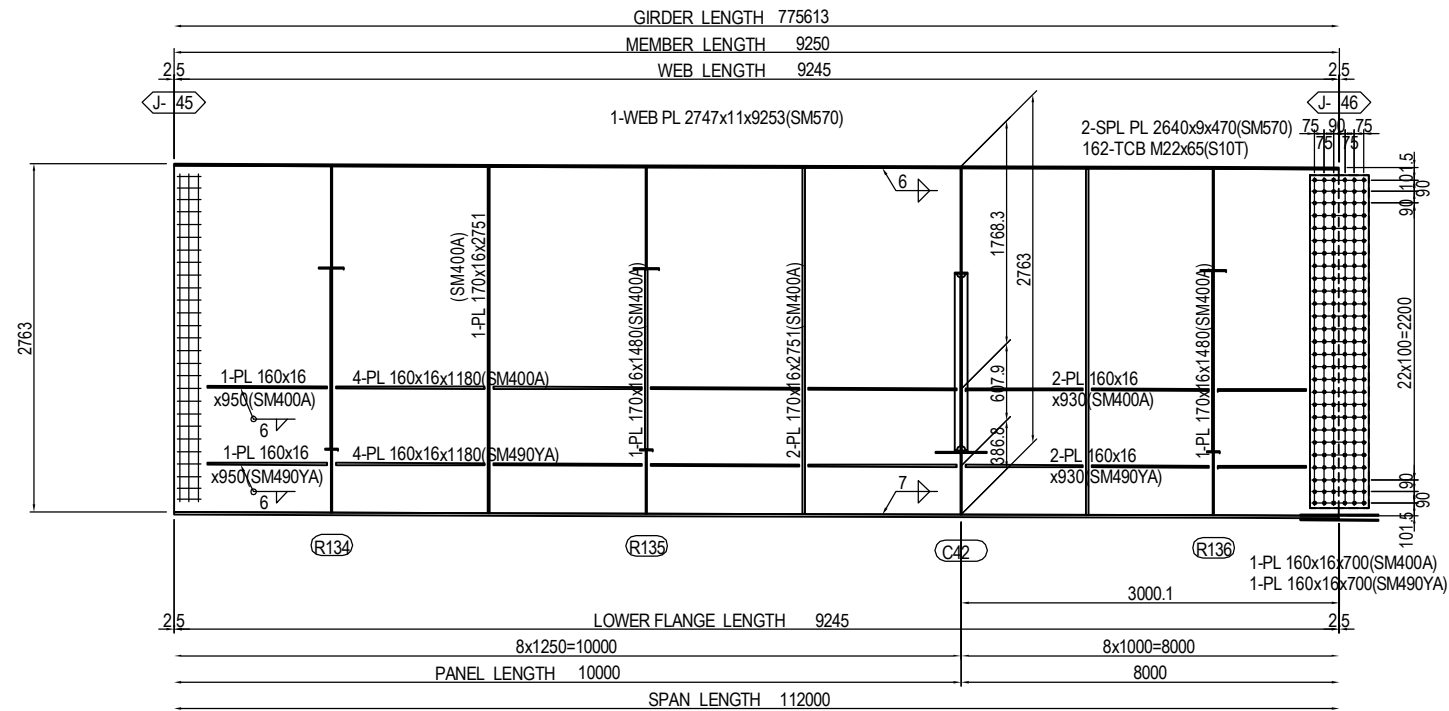
- 2-SPL PL 80x9x320(SM490YA)
- 4-SPL PL 620x9x320(SM490YA)
- 1-SPL PL 2930x9x320(SM490YA)
- 120-TCB M22x75(S10T)
- 1-FILL PL 2930x4.5x158(SS400)



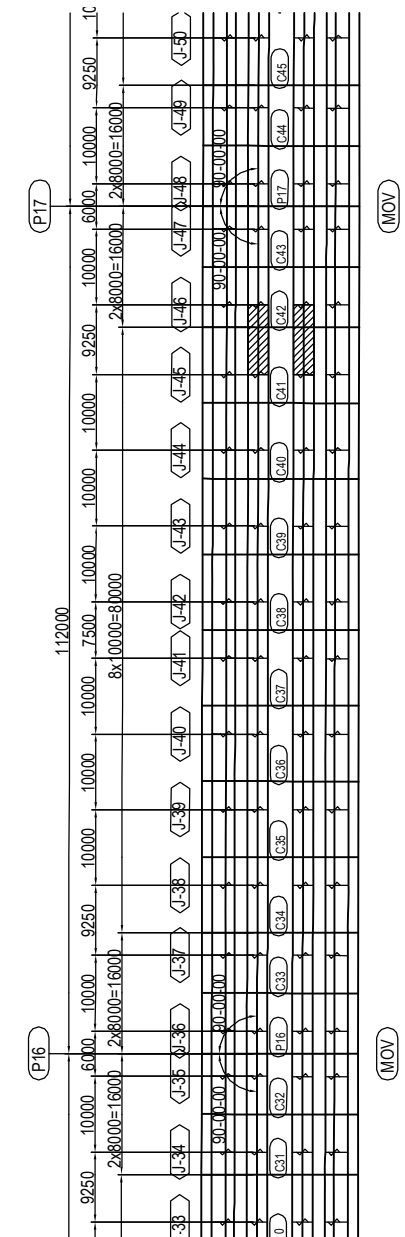
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (45)	PACKAGE 2 DWG No. P2-SB-1245
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (46) S=1:60

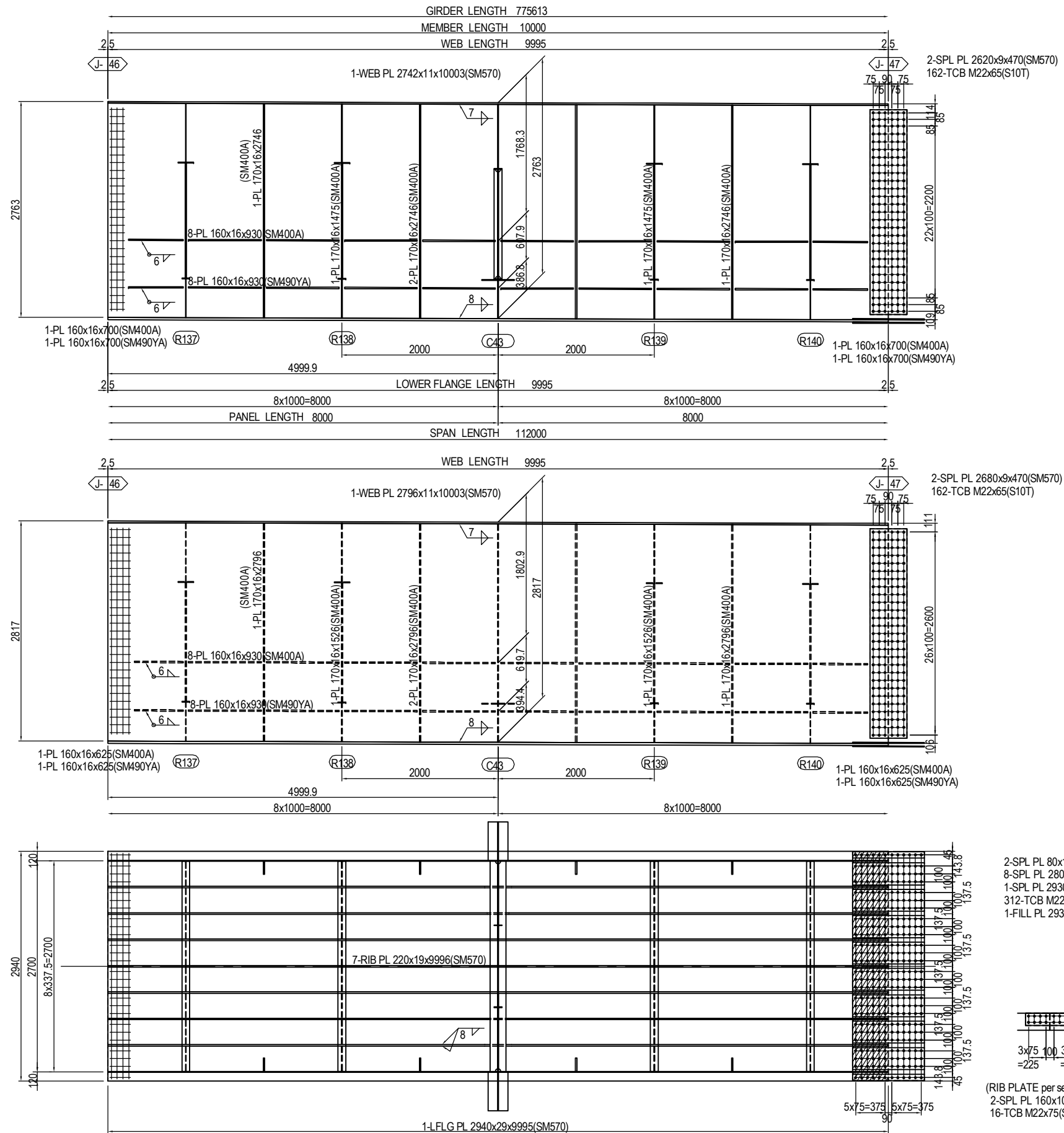


MARKING DIAGRAM

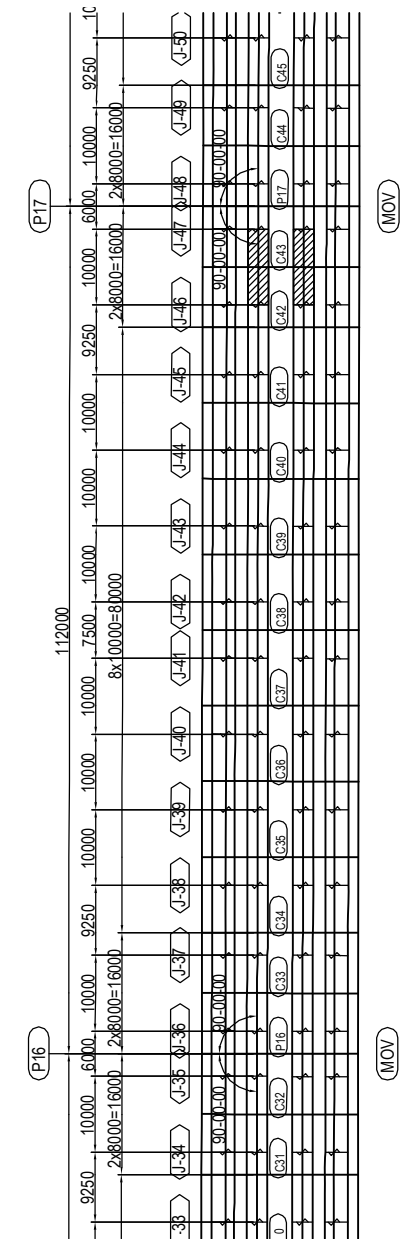


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (46)	PACKAGE 2 DWG No. P2-SB-1246
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

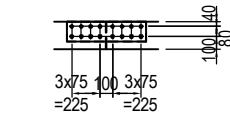
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (47) S=1:60



MARKING DIAGRAM



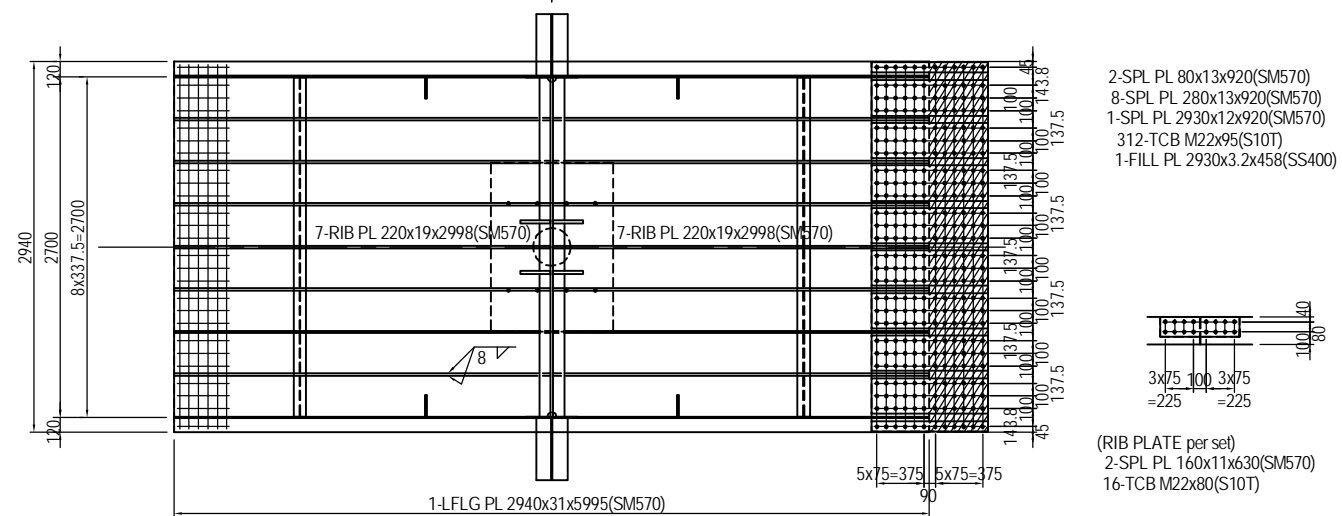
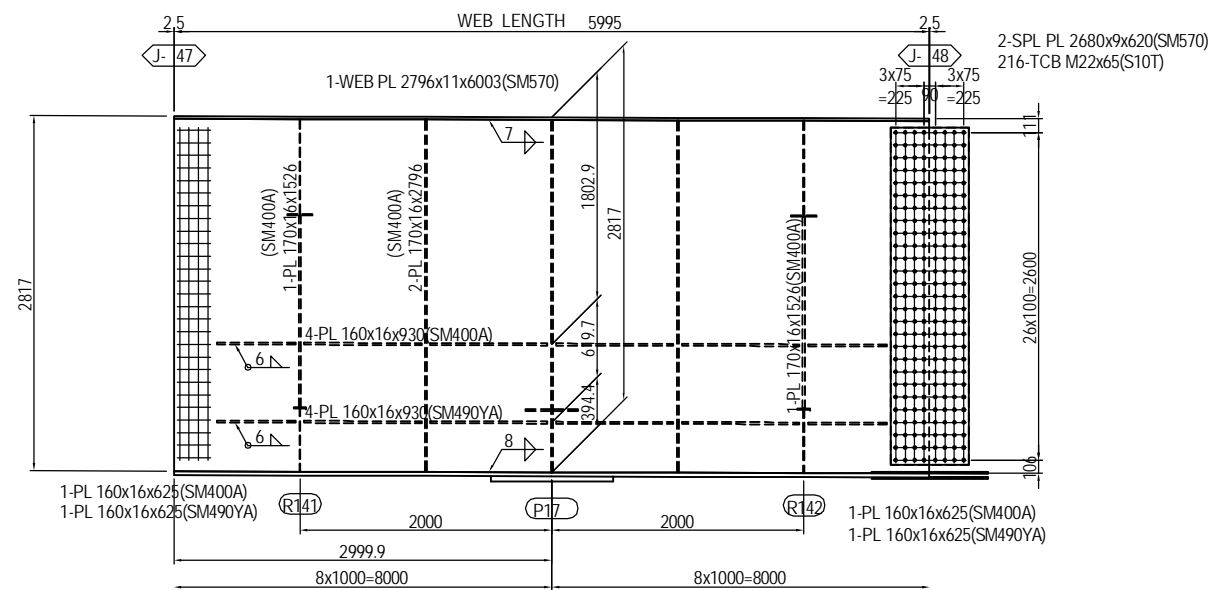
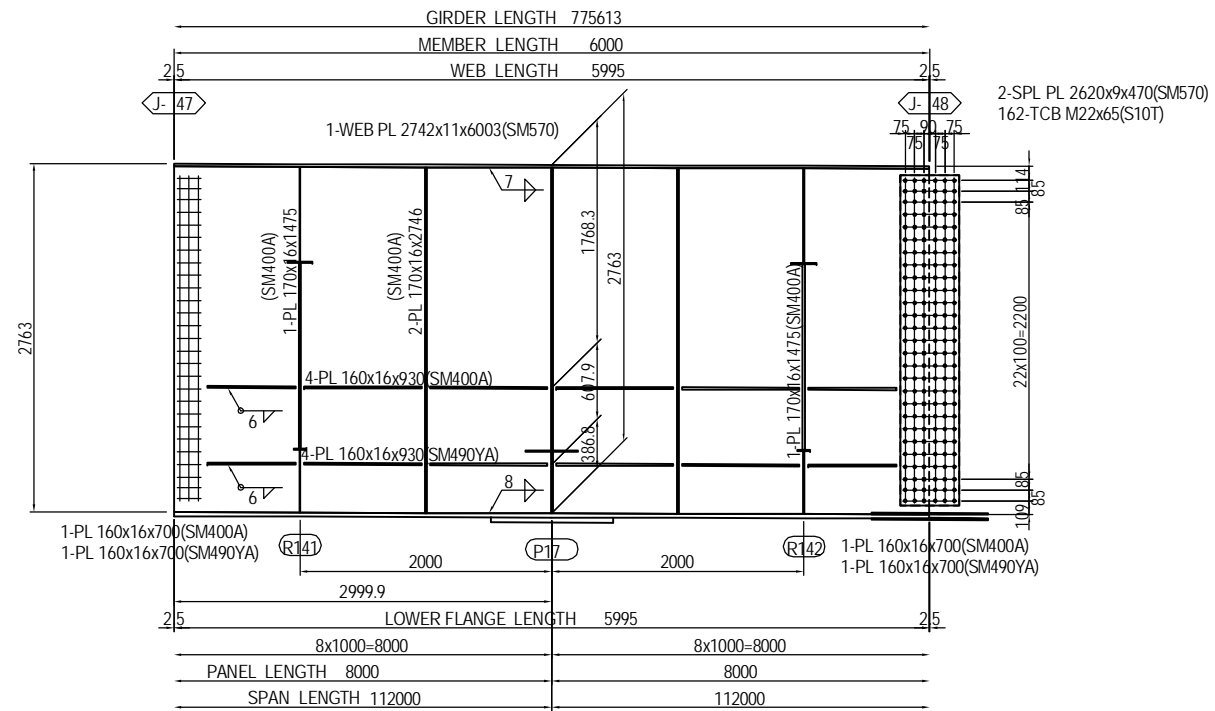
- 2-SPL PL 80x14x920(SM570)
- 8-SPL PL 280x14x920(SM570)
- 1-SPL PL 2930x11x920(SM570)
- 312-TCB M22x95(S10T)
- 1-FILL PL 2930x2.3x458(SS400)



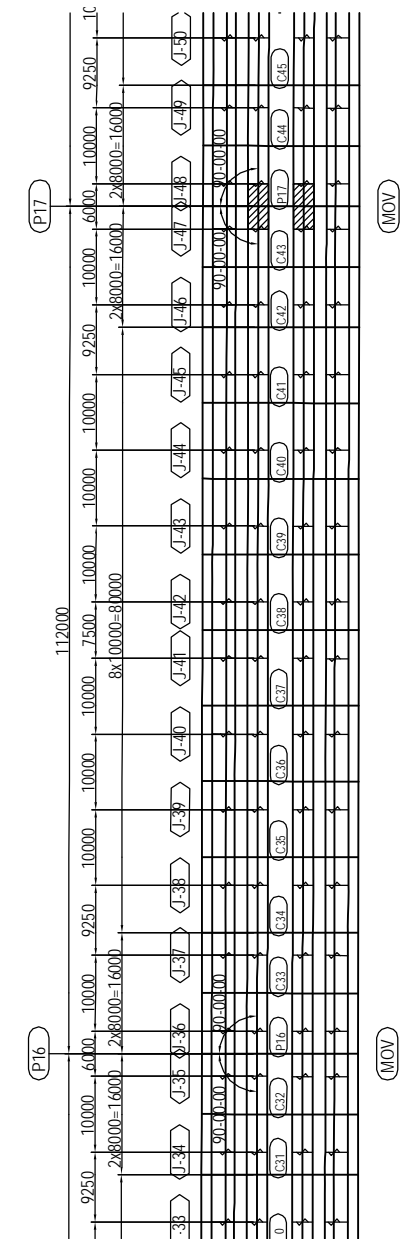
- (RIB PLATE per set)
- 2-SPL PL 160x10x630(SM570)
- 16-TCB M22x75(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (47)	PACKAGE 2 DWG No. P2-SB-1247
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (48) S=1:60

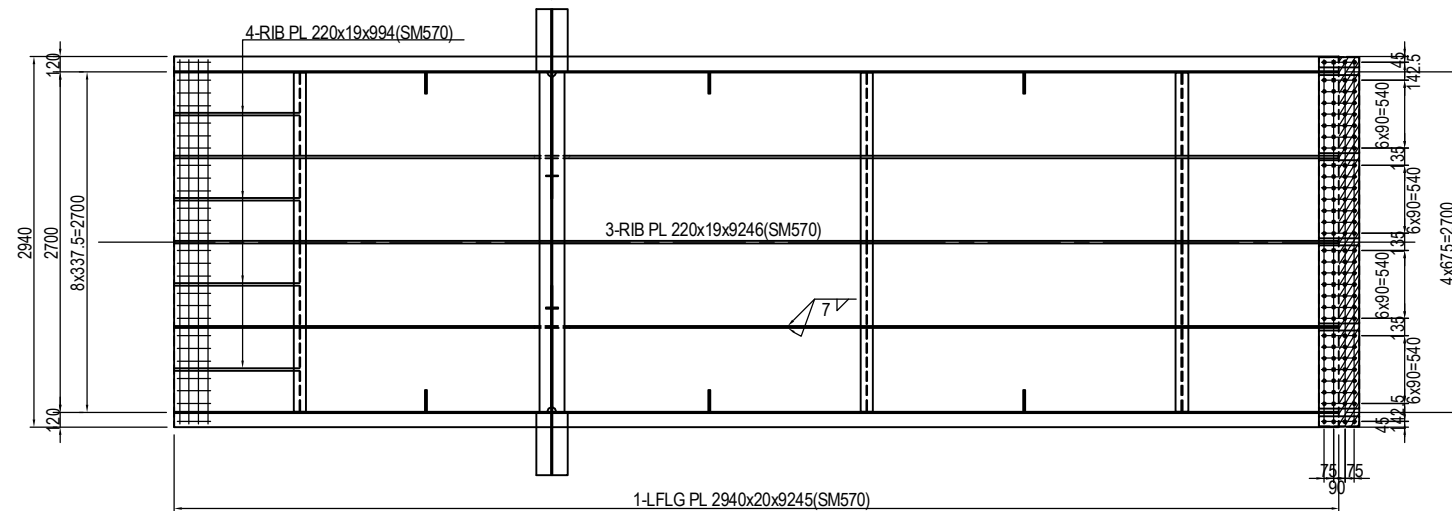
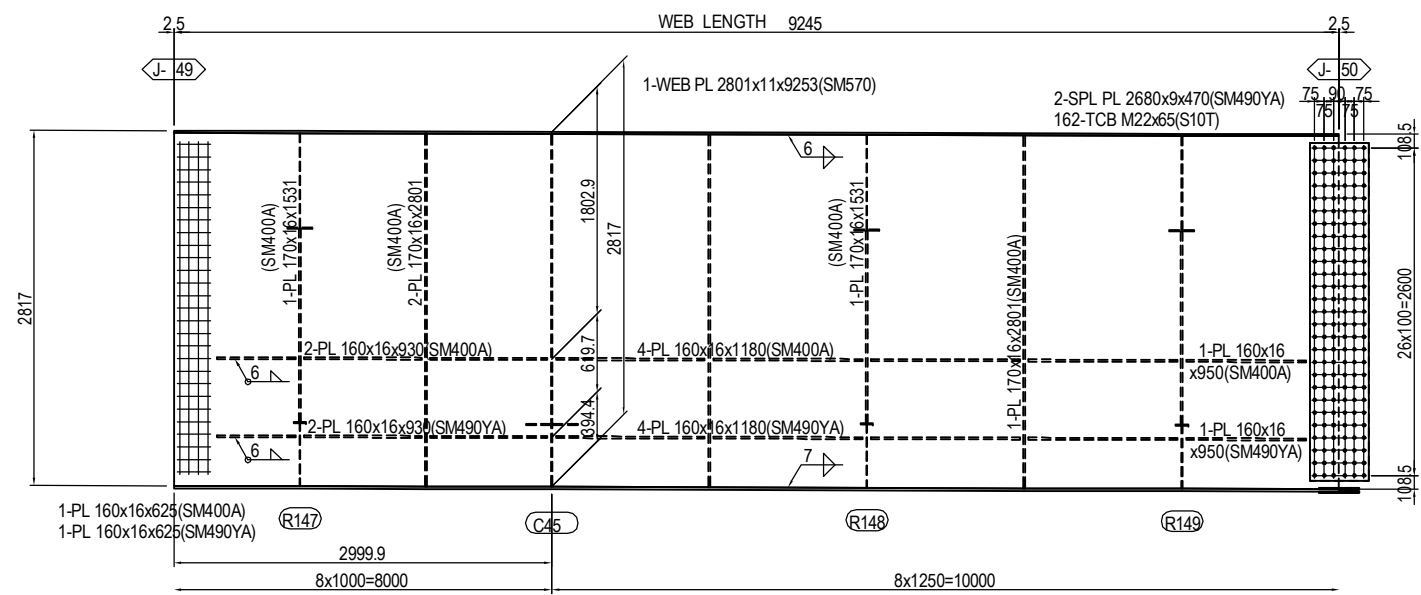
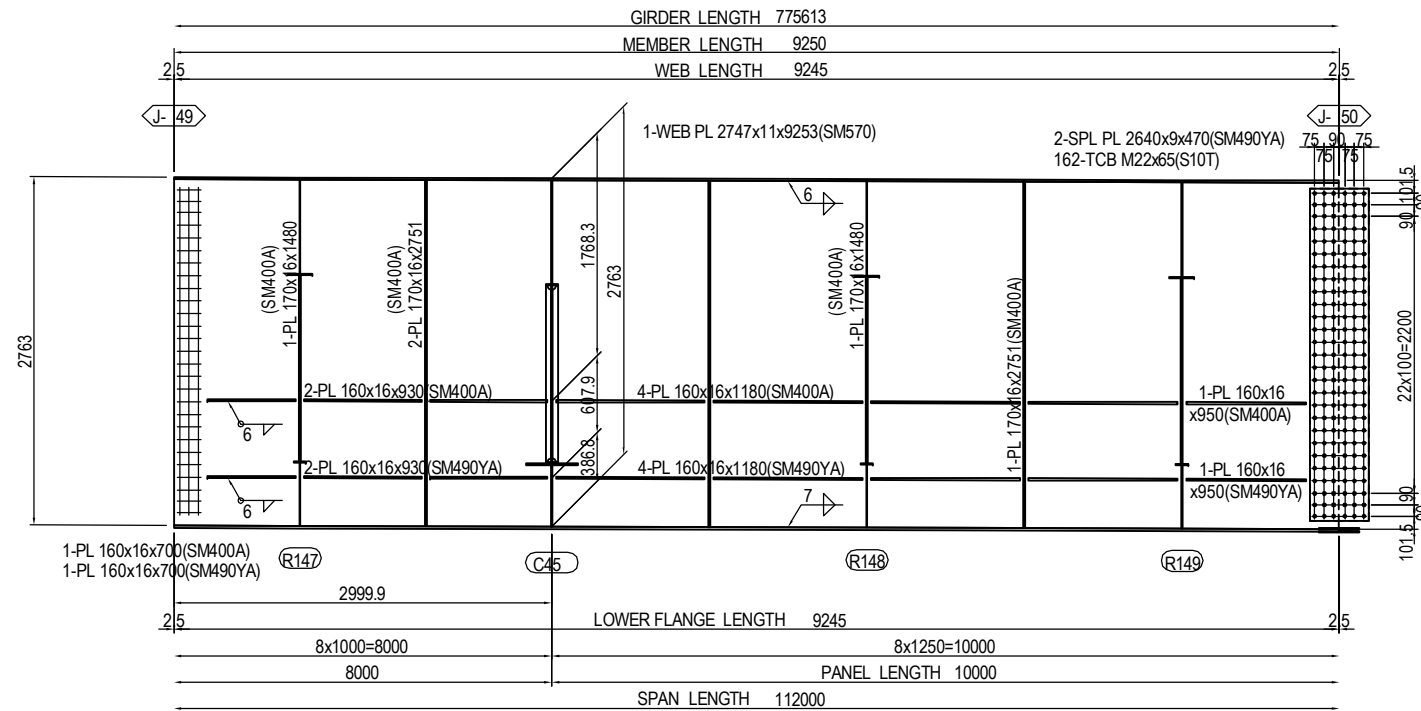


MARKING DIAGRAM

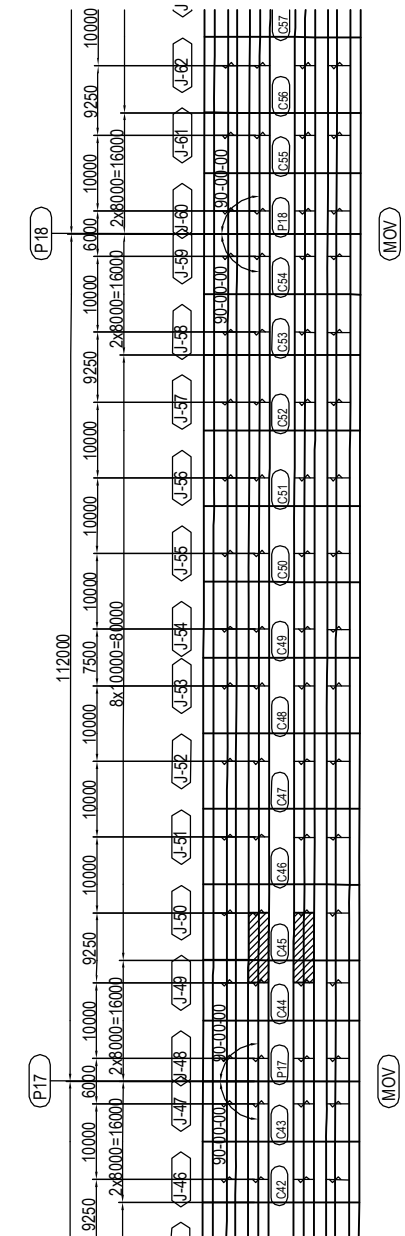


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (48)	PACKAGE 2 DWG No. P2-SB-1248
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (50) S=1:60

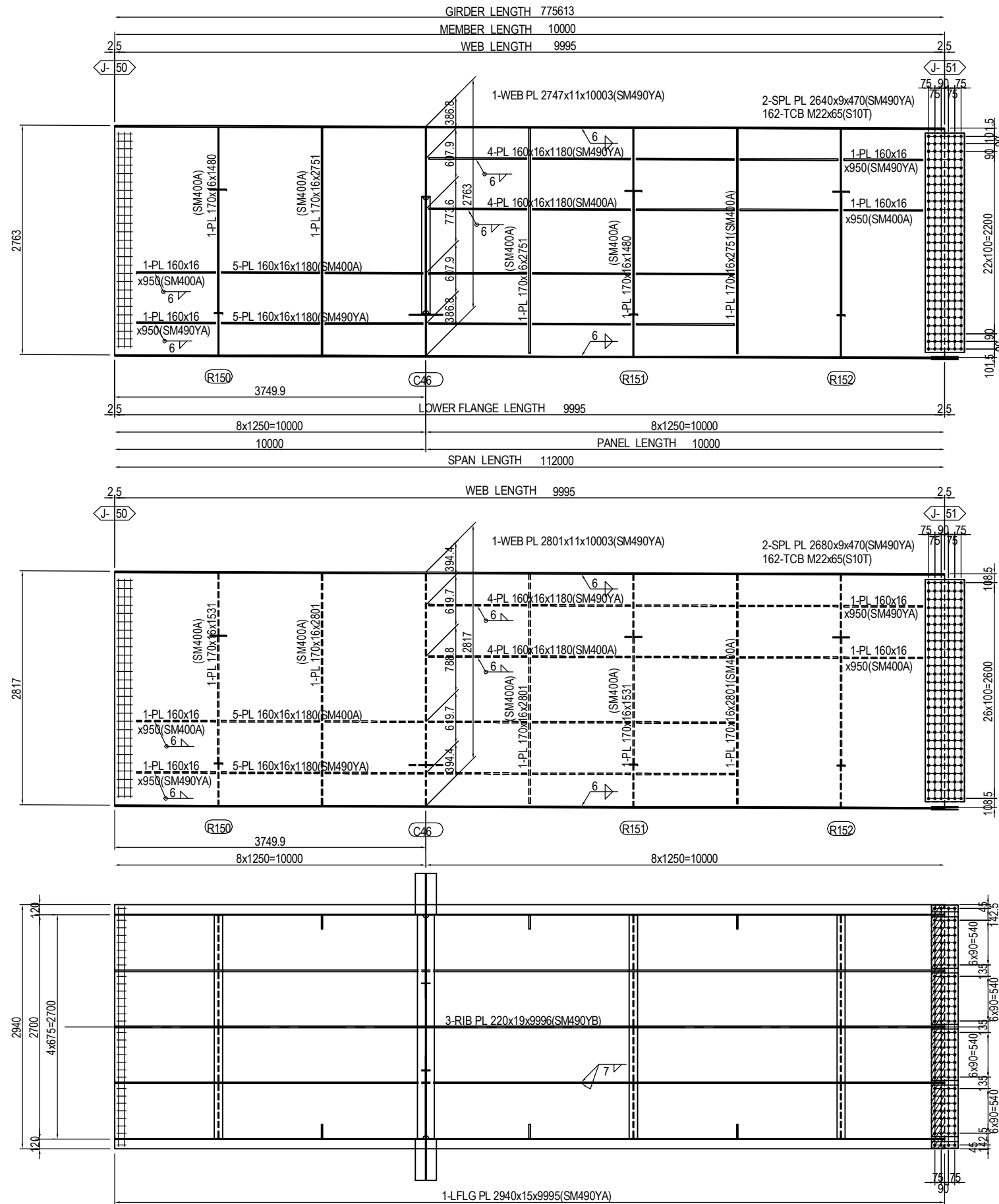


MARKING DIAGRAM

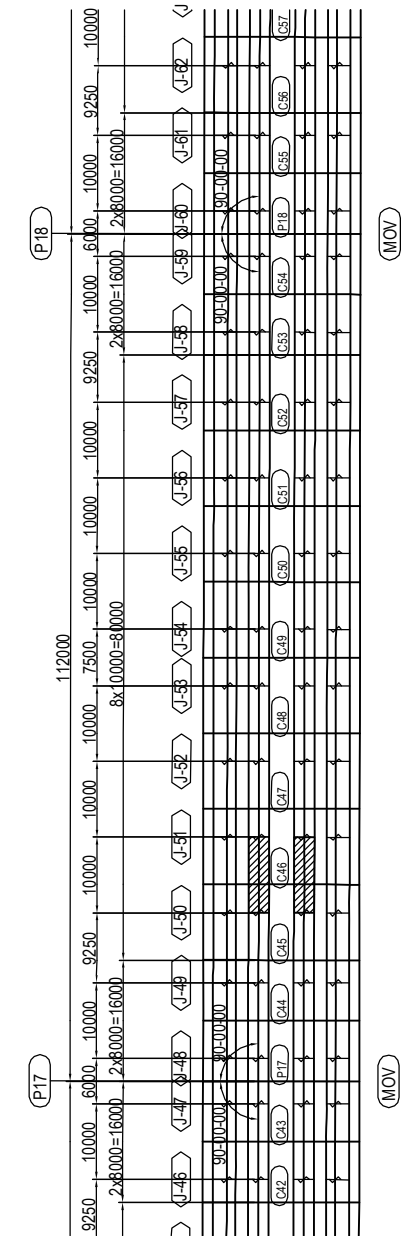


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (50)</h3>	PACKAGE 2 DWG No. P2-SB-1250
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

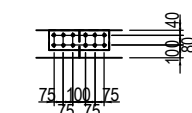
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (51) S=1:60



MARKING DIAGRAM



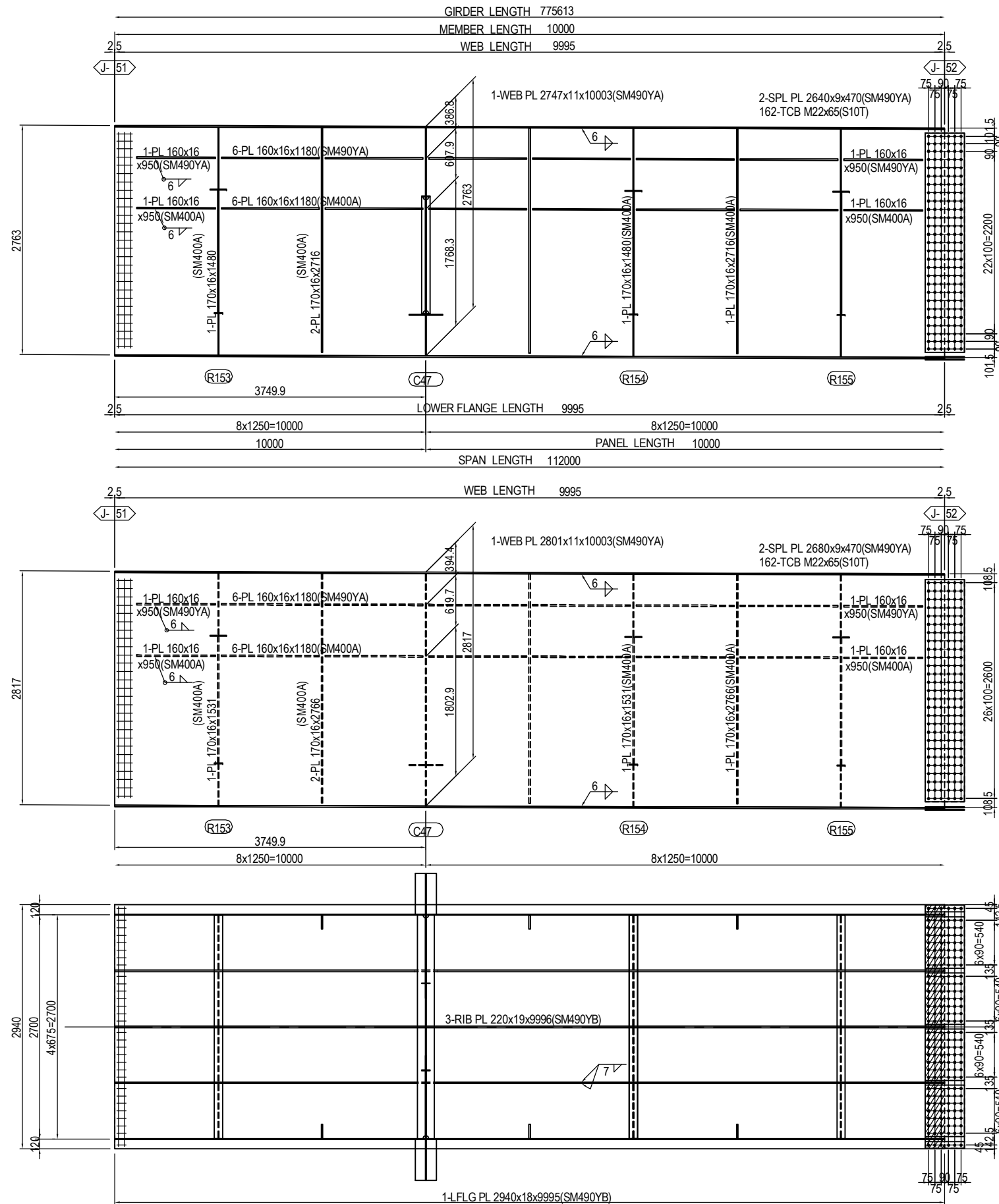
- 2-SPL PL 80x9x320(SM490YA)
- 4-SPL PL 620x9x320(SM490YA)
- 1-SPL PL 2930x9x320(SM490YA)
- 120-TCB M22x75(S10T)
- 1-FILL PL 2930x3.2x158(SS400)



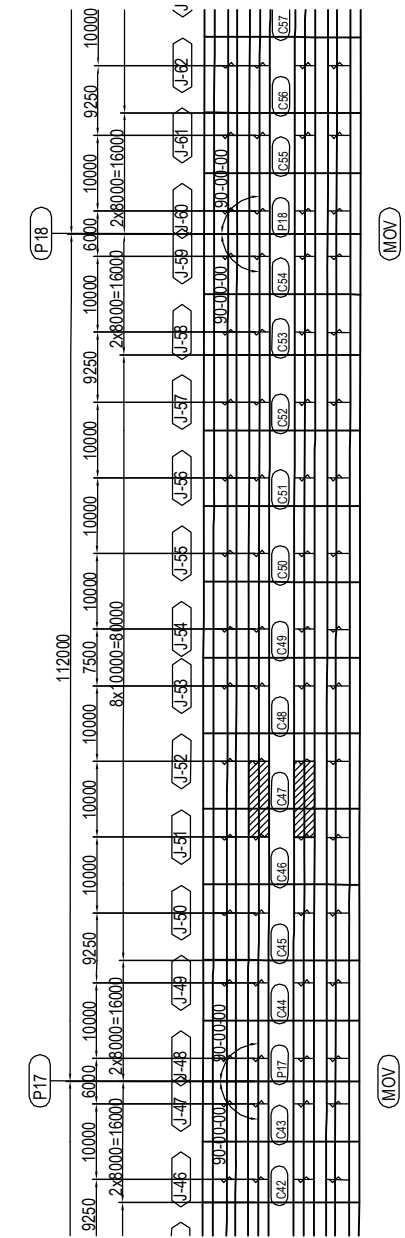
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (51)	PACKAGE 2 DWG No. P2-SB-1251
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

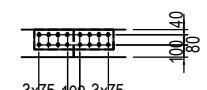
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (52) S=1:60



MARKING DIAGRAM



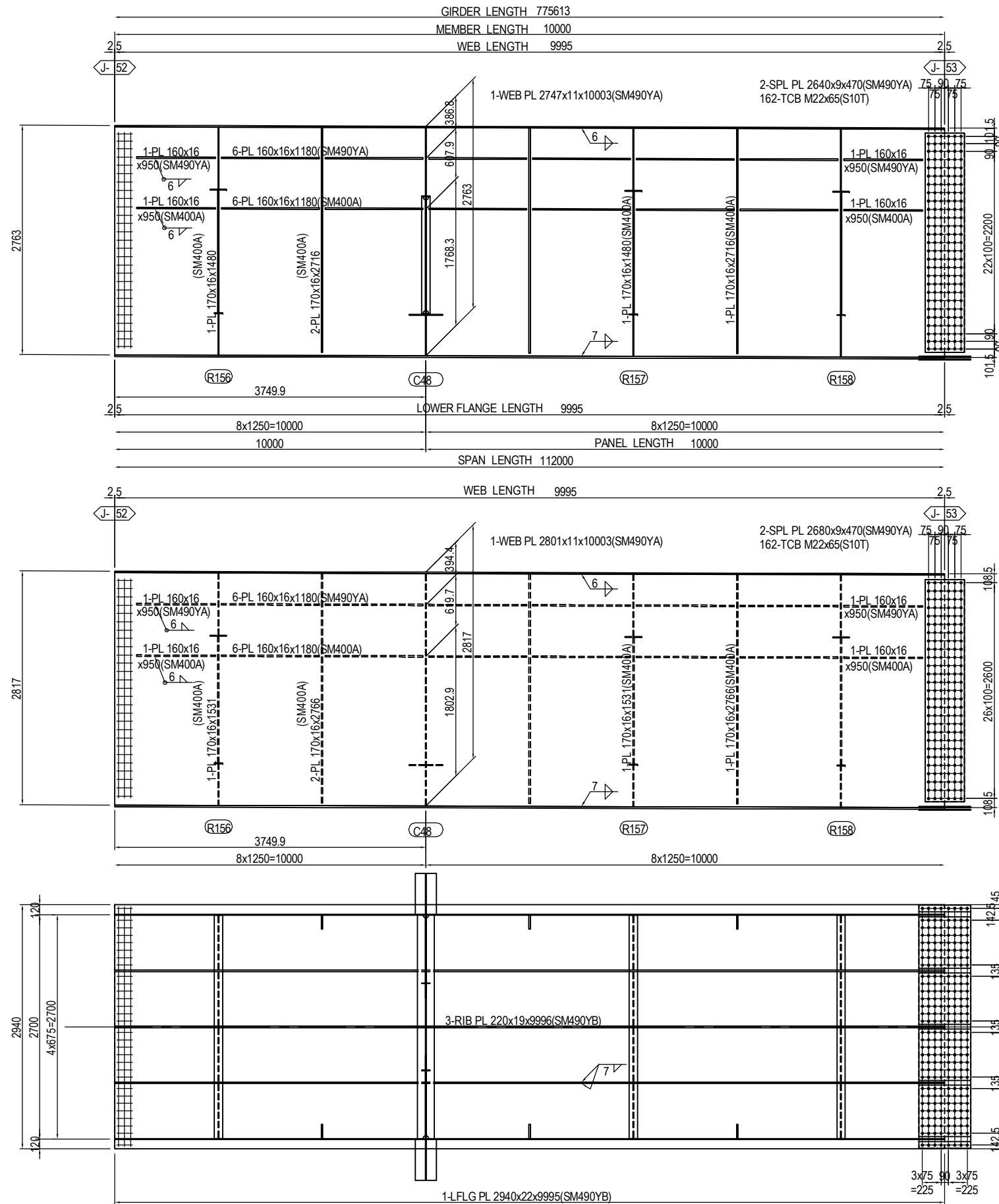
- 2-SPL PL 80x10x470(SM490YA)
- 4-SPL PL 620x10x470(SM490YA)
- 1-SPL PL 2930x9x470(SM490YA)
- 180-TCB M22x80(S10T)
- 1-FILL PL 2930x4.5x233(SS400)



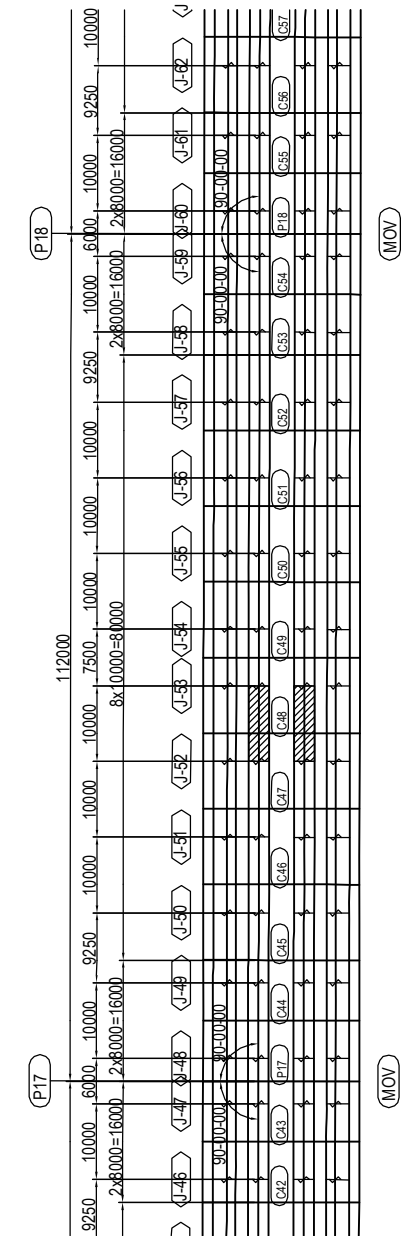
(RIB PLATE per set)
2-SPL PL 160x14x630(SM490YA)
16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (52)	PACKAGE 2 DWG No. P2-SB-1252
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

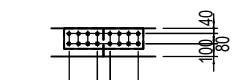
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (53) S=1:60



MARKING DIAGRAM



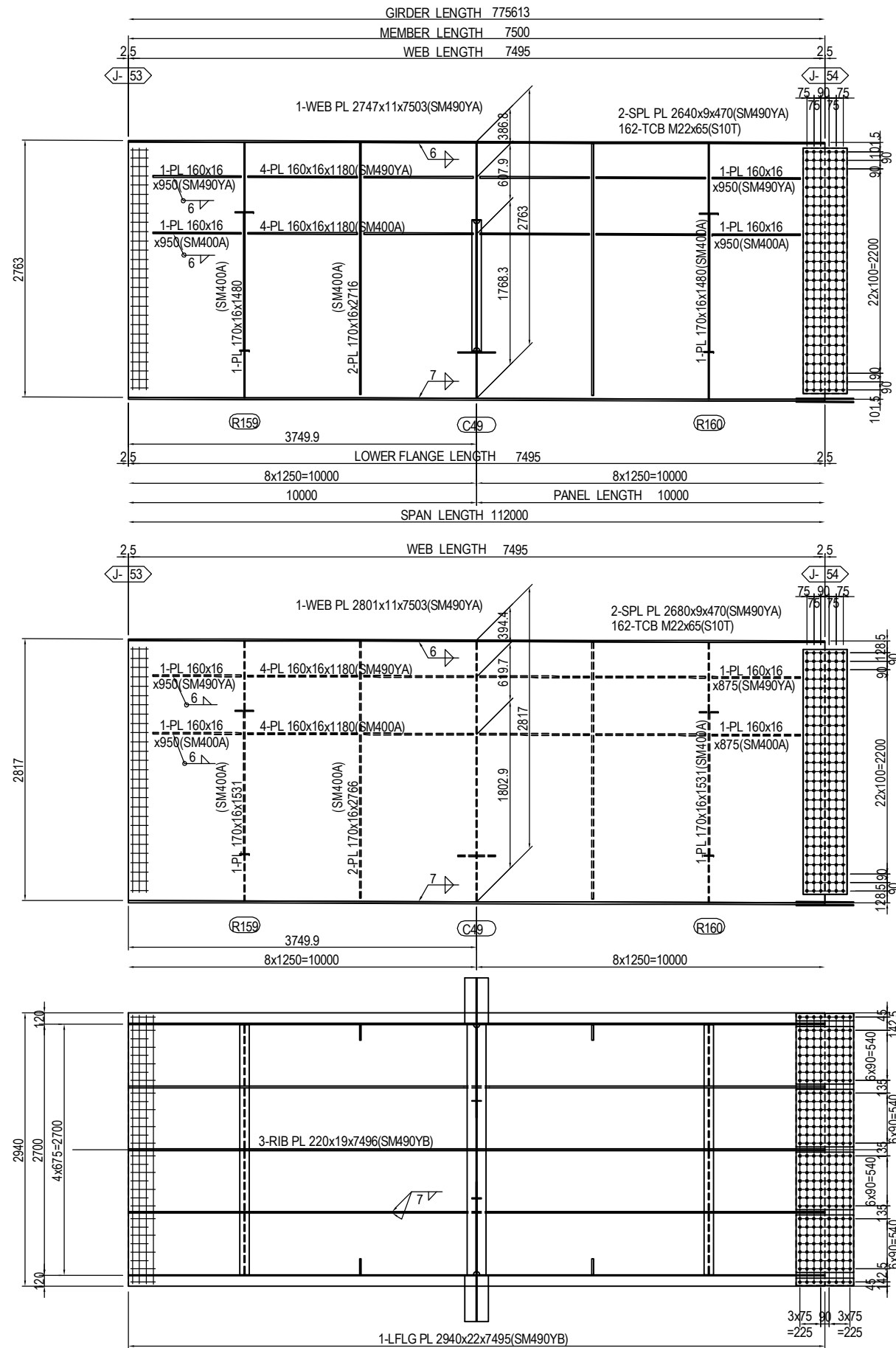
2-SPL PL 80x13x620(SM490YA)
 4-SPL PL 620x13x620(SM490YA)
 1-SPL PL 2930x11x620(SM490YA)
 240-TCB M22x85(S10T)



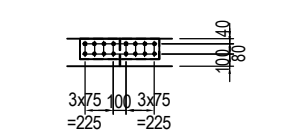
(RIB PLATE per set)
 2-SPL PL 160x14x630(SM490YA)
 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (53)	PACKAGE 2 DWG No. P2-SB-1253
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (54) S=1:60

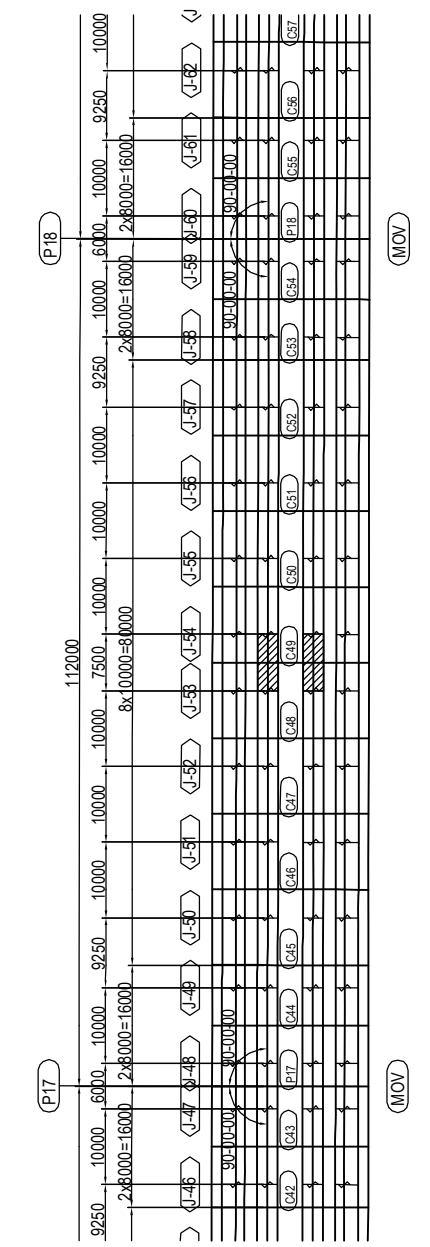


2-SPL PL 80x13x620(SM490YA)
 4-SPL PL 620x13x620(SM490YA)
 1-SPL PL 2930x11x620(SM490YA)
 240-TCB M22x85(S10T)



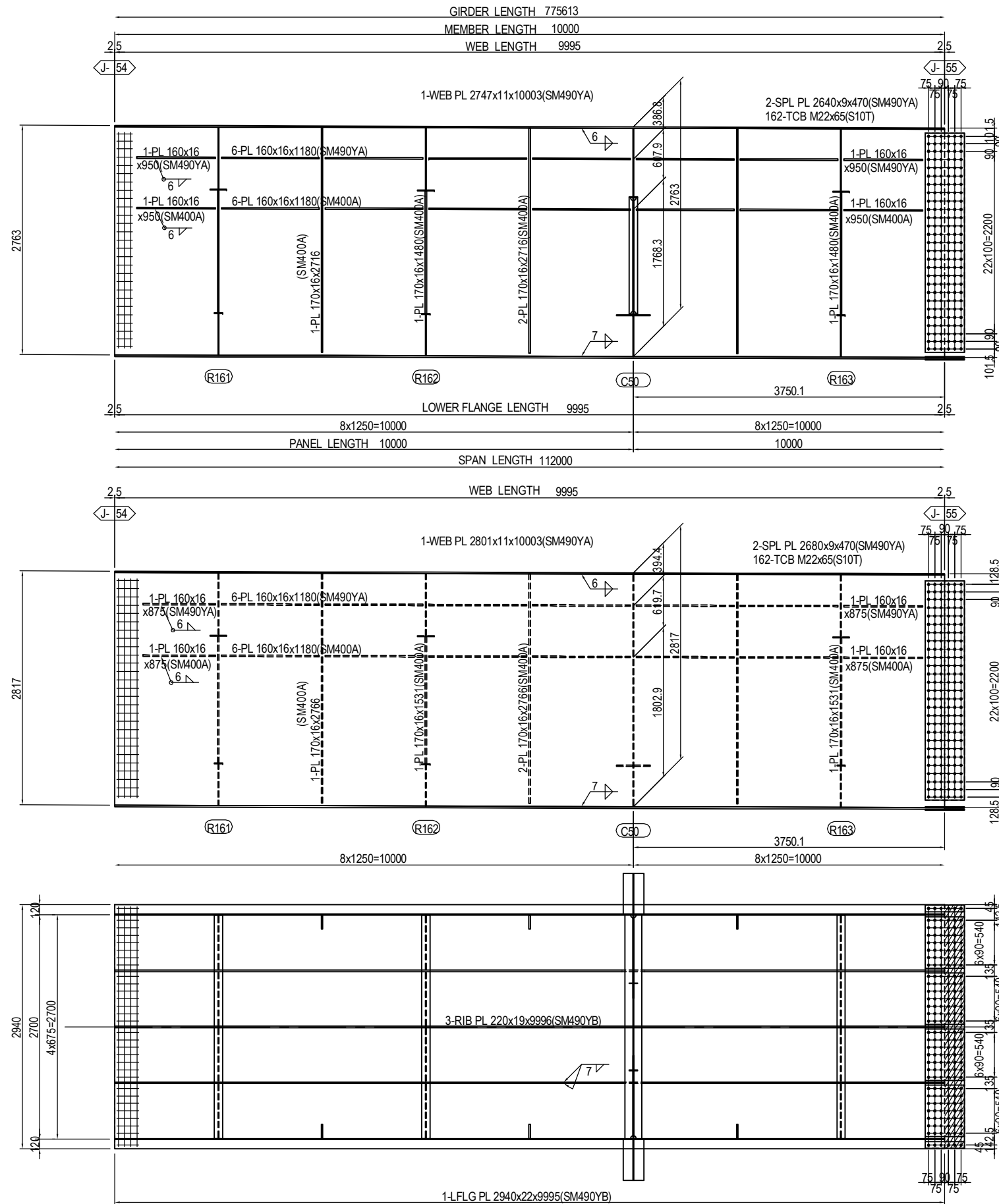
(RIB PLATE per set)
 2-SPL PL 160x15x630(SM490YA)
 16-TCB M22x85(S10T)

MARKING DIAGRAM

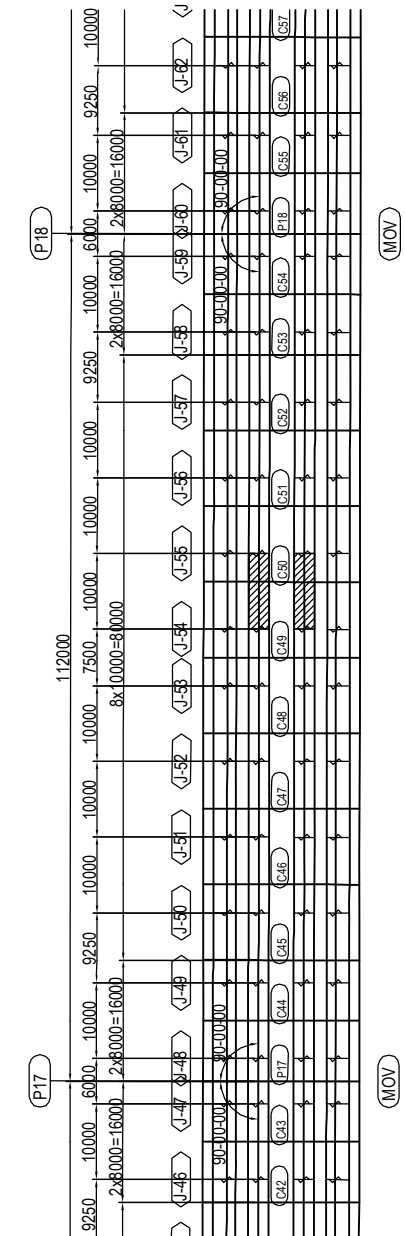


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (54)	PACKAGE 2 DWG No. P2-SB-1254
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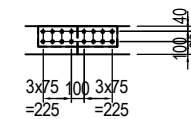
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (55) S=1:60



MARKING DIAGRAM



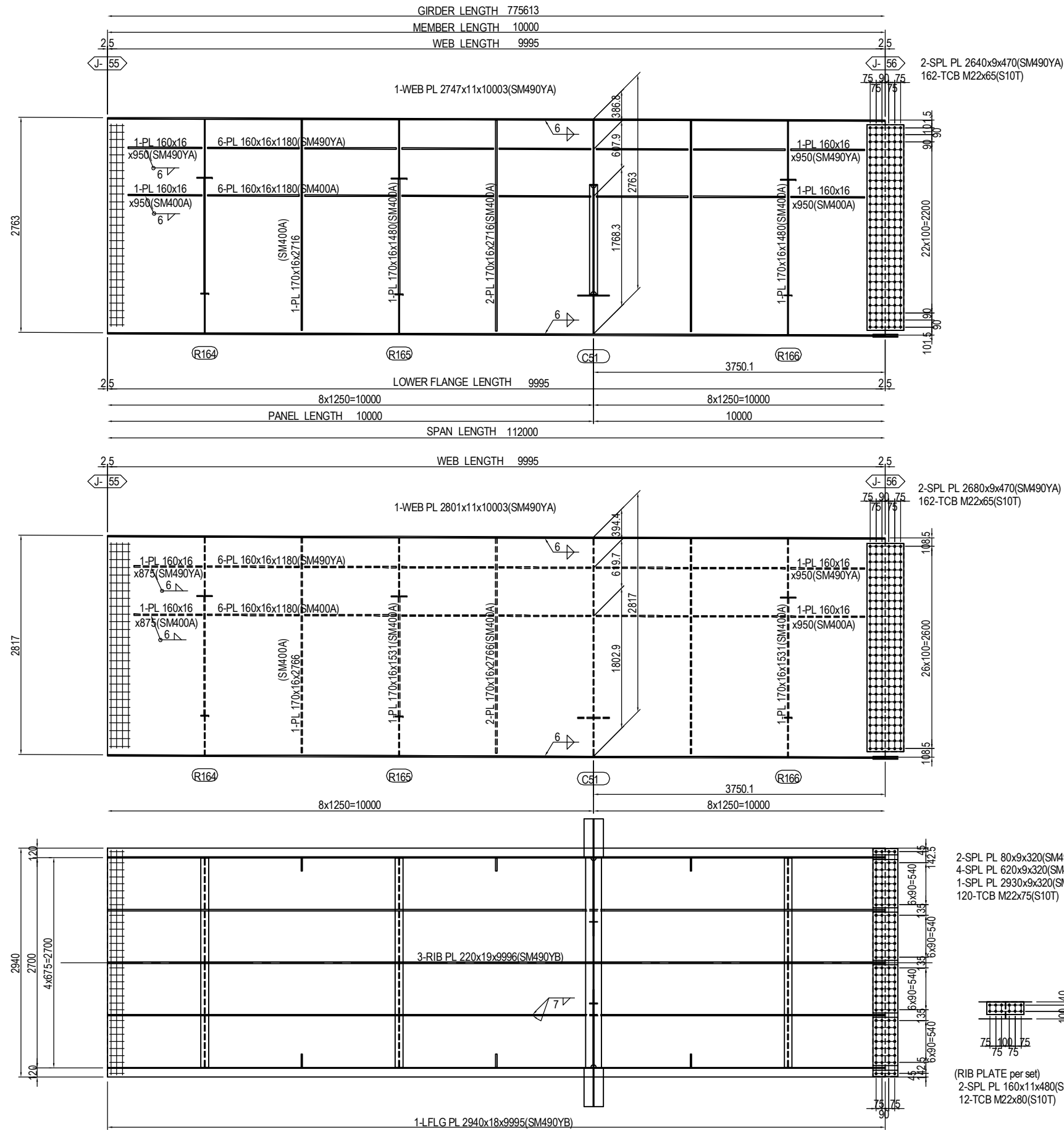
- 2-SPL PL 80x10x470(SM490YA)
- 4-SPL PL 620x10x470(SM490YA)
- 1-SPL PL 2930x9x470(SM490YA)
- 180-TCB M22x80(S10T)
- 1-FILL PL 2930x4.5x233(SS400)



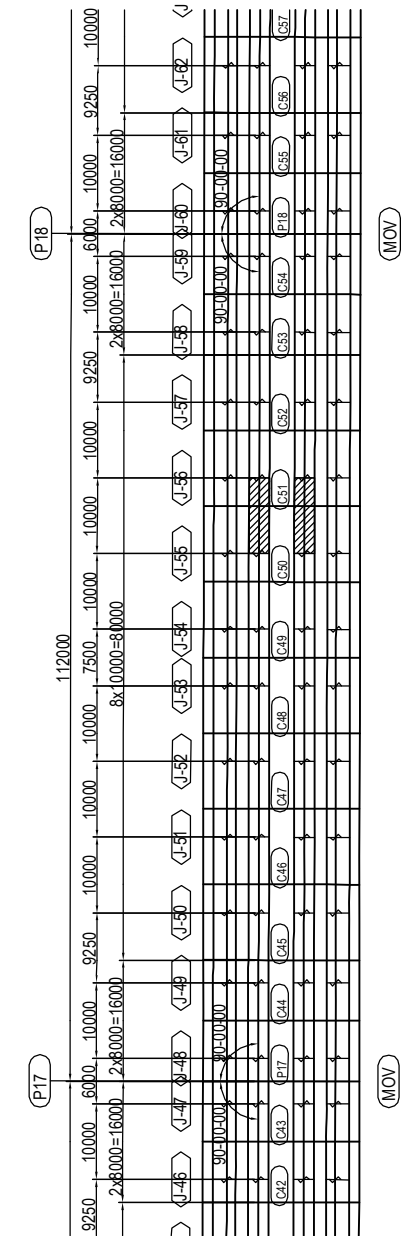
- (RIB PLATE per set)
- 2-SPL PL 160x15x630(SM490YA)
- 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (55)	PACKAGE 2 DWG No. P2-SB-1255
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (56) S=1:60

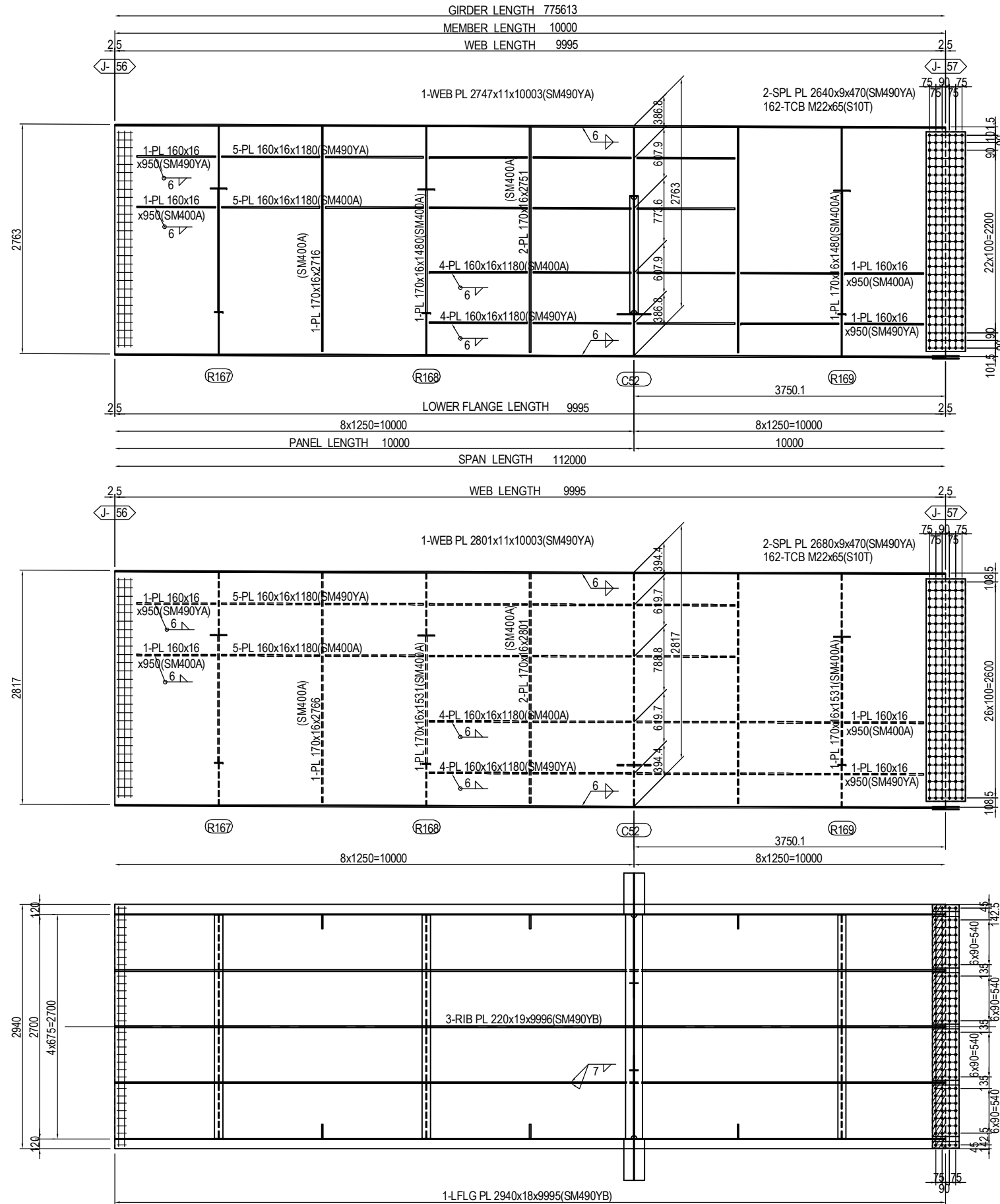


MARKING DIAGRAM

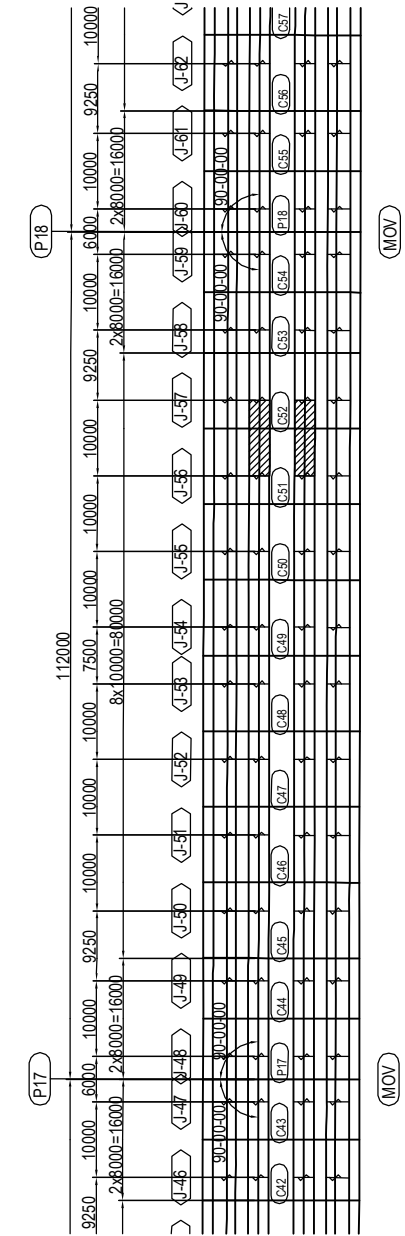


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (56)	PACKAGE 2 DWG No. P2-SB-1256
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (57) S=1:60

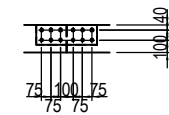


MARKING DIAGRAM



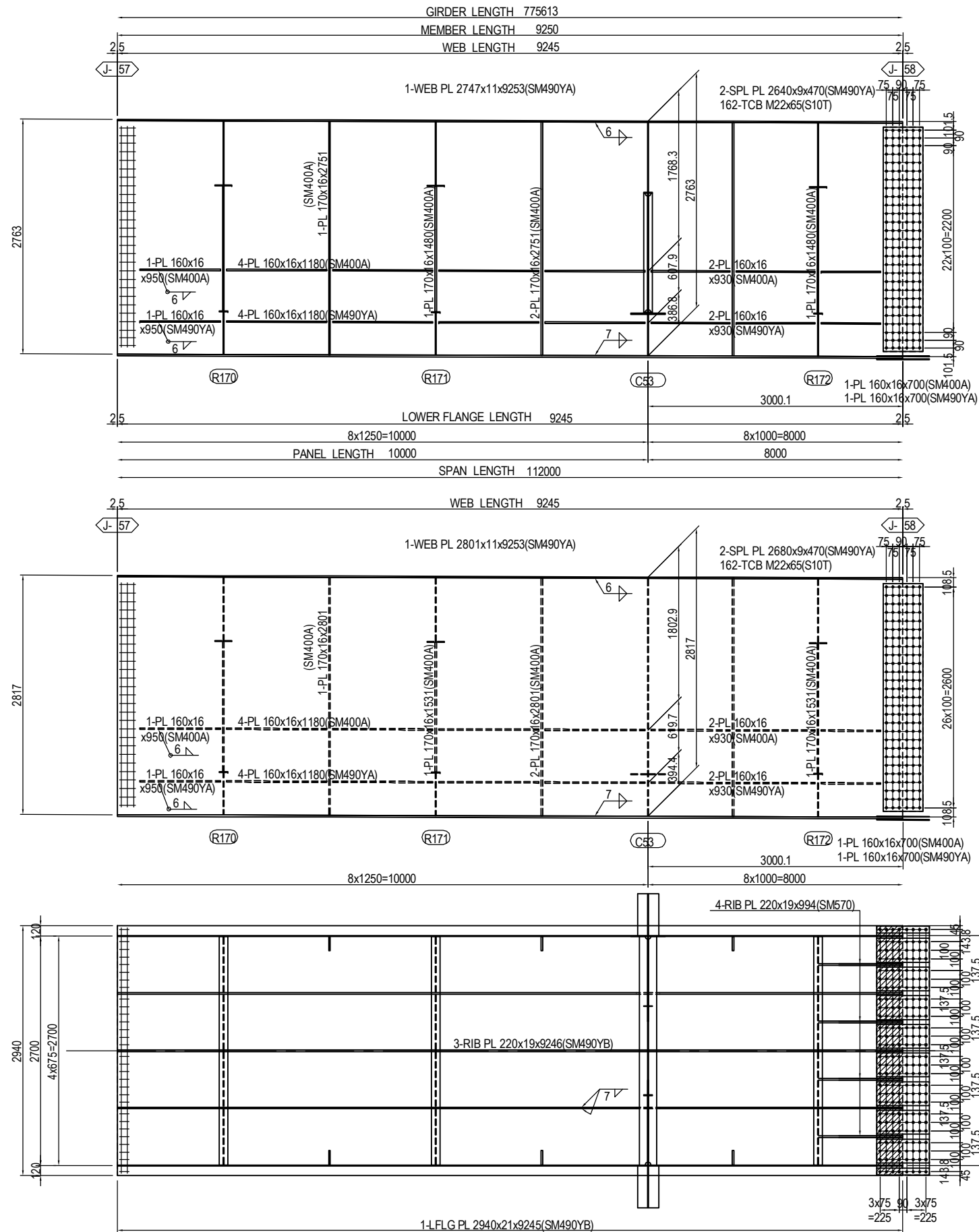
- 2-SPL PL 80x9x320(SM490YA)
- 4-SPL PL 620x9x320(SM490YA)
- 1-SPL PL 2930x9x320(SM490YA)
- 120-TCB M22x75(S10T)
- 1-FILL PL 2930x3.2x158(SS400)

- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

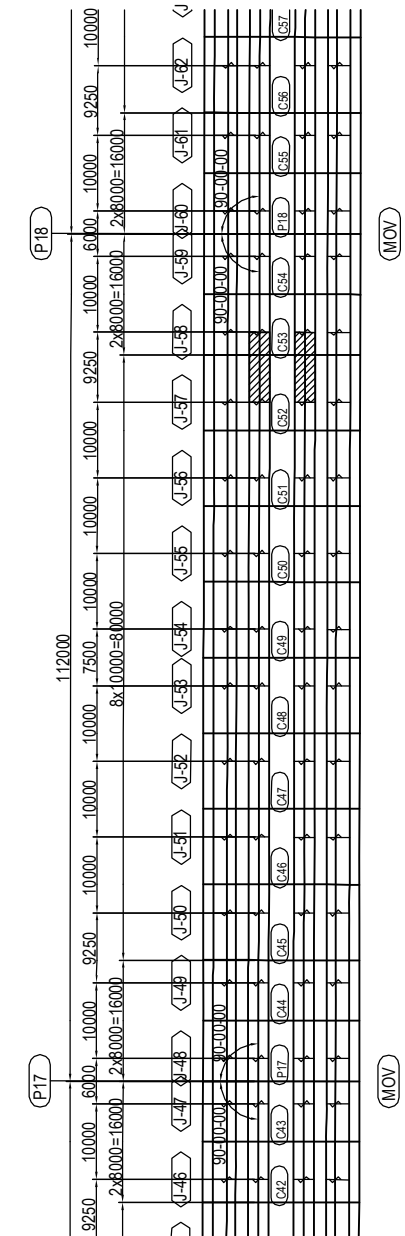


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (57)	PACKAGE 2 DWG No. P2-SB-1257
				PREPARED BY	T. HAYAKAWA	20 Jun.2017		
				CHECKED BY	Y. SANO	21 Jun.2017		
				APPROVED BY				

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (58) S=1:60

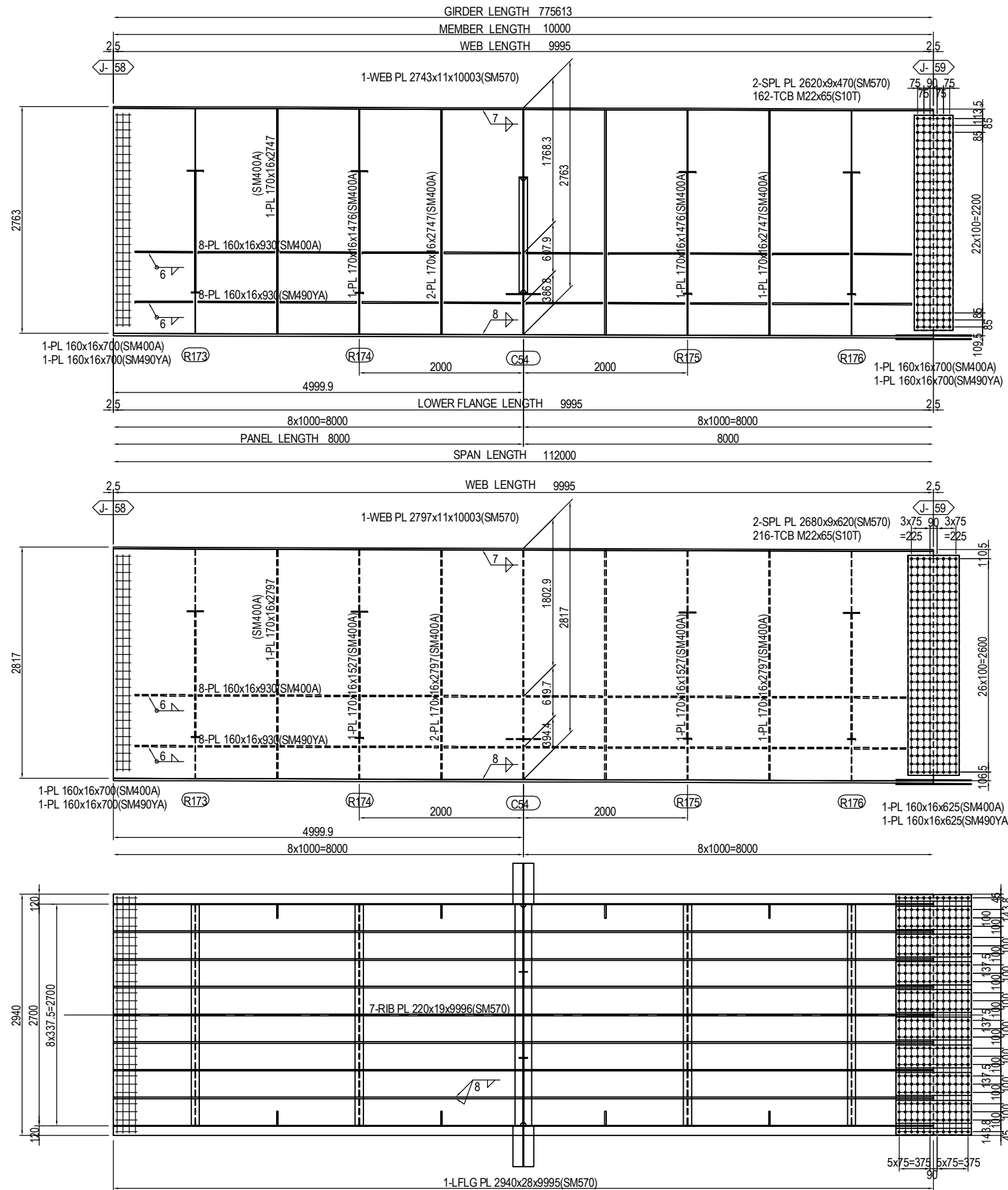


MARKING DIAGRAM

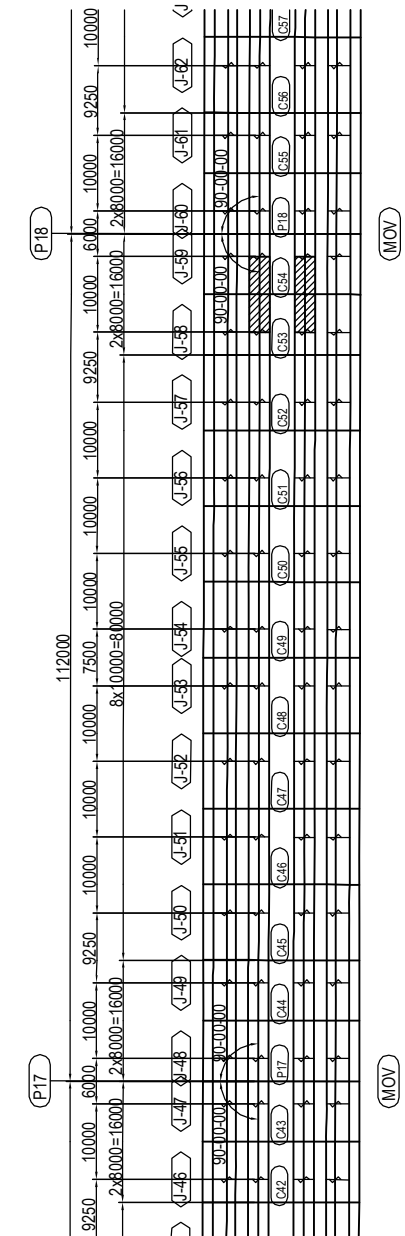


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (58)</h3>	PACKAGE 2 DWG No. P2-SB-1258
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

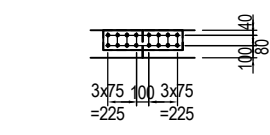
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (59) S=1:60



MARKING DIAGRAM



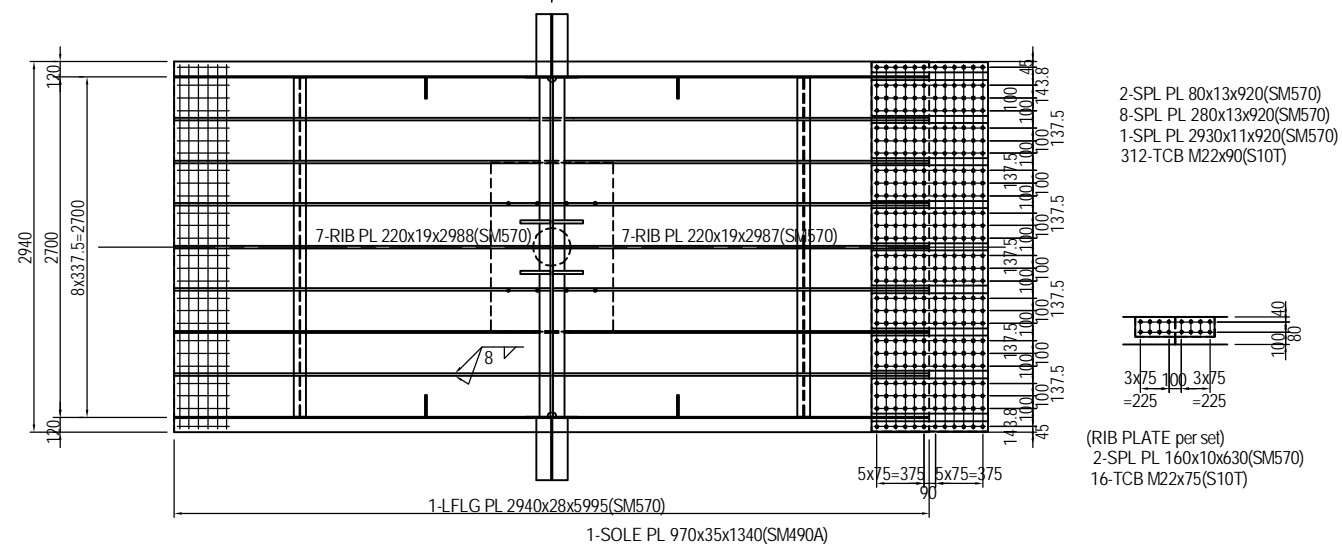
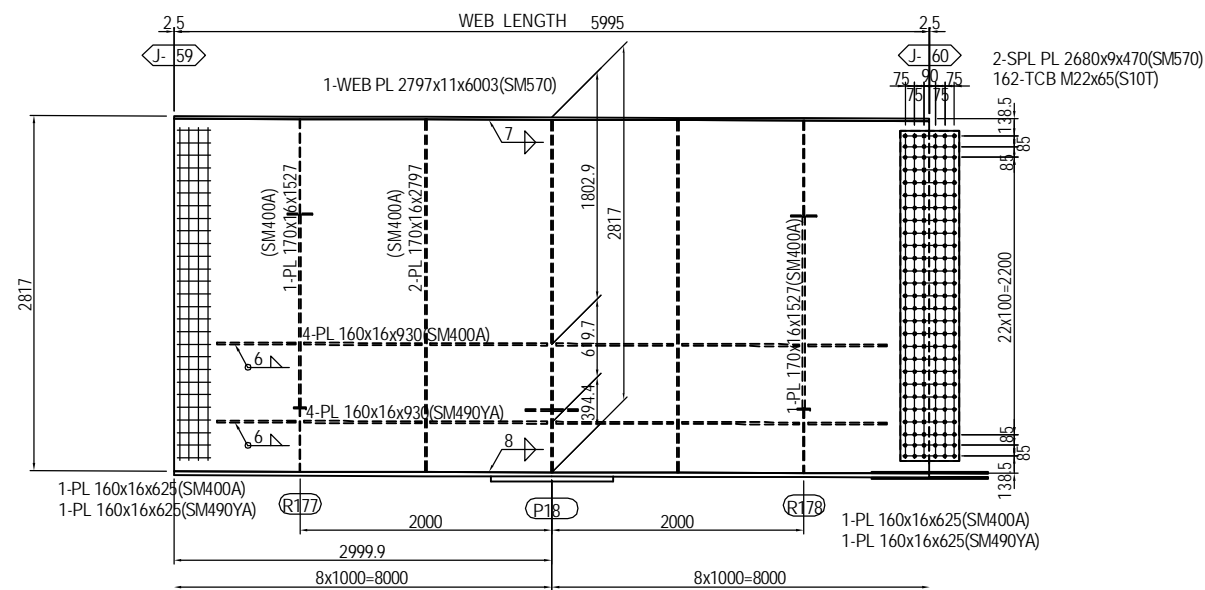
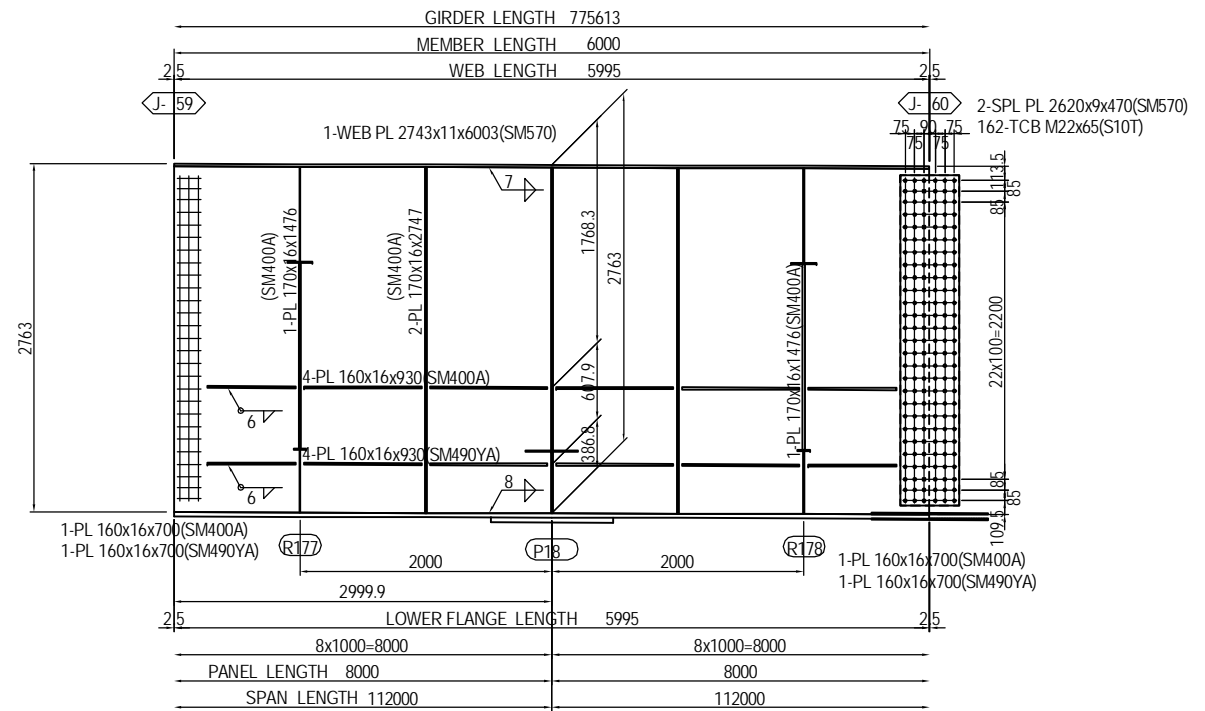
- 2-SPL PL 80x13x920(SM570)
- 8-SPL PL 280x13x920(SM570)
- 1-SPL PL 2930x11x920(SM570)
- 312-TCB M22x90(S10T)



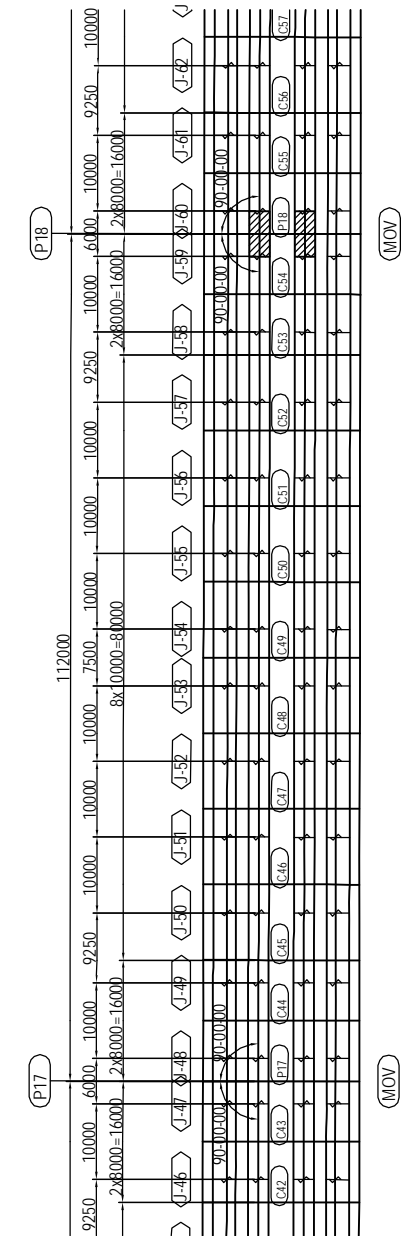
(RIB PLATE per set)
2-SPL PL 160x10x630(SM570)
16-TCB M22x75(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (59)	PACKAGE 2 DWG No. P2-SB-1259
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (60) S=1:60

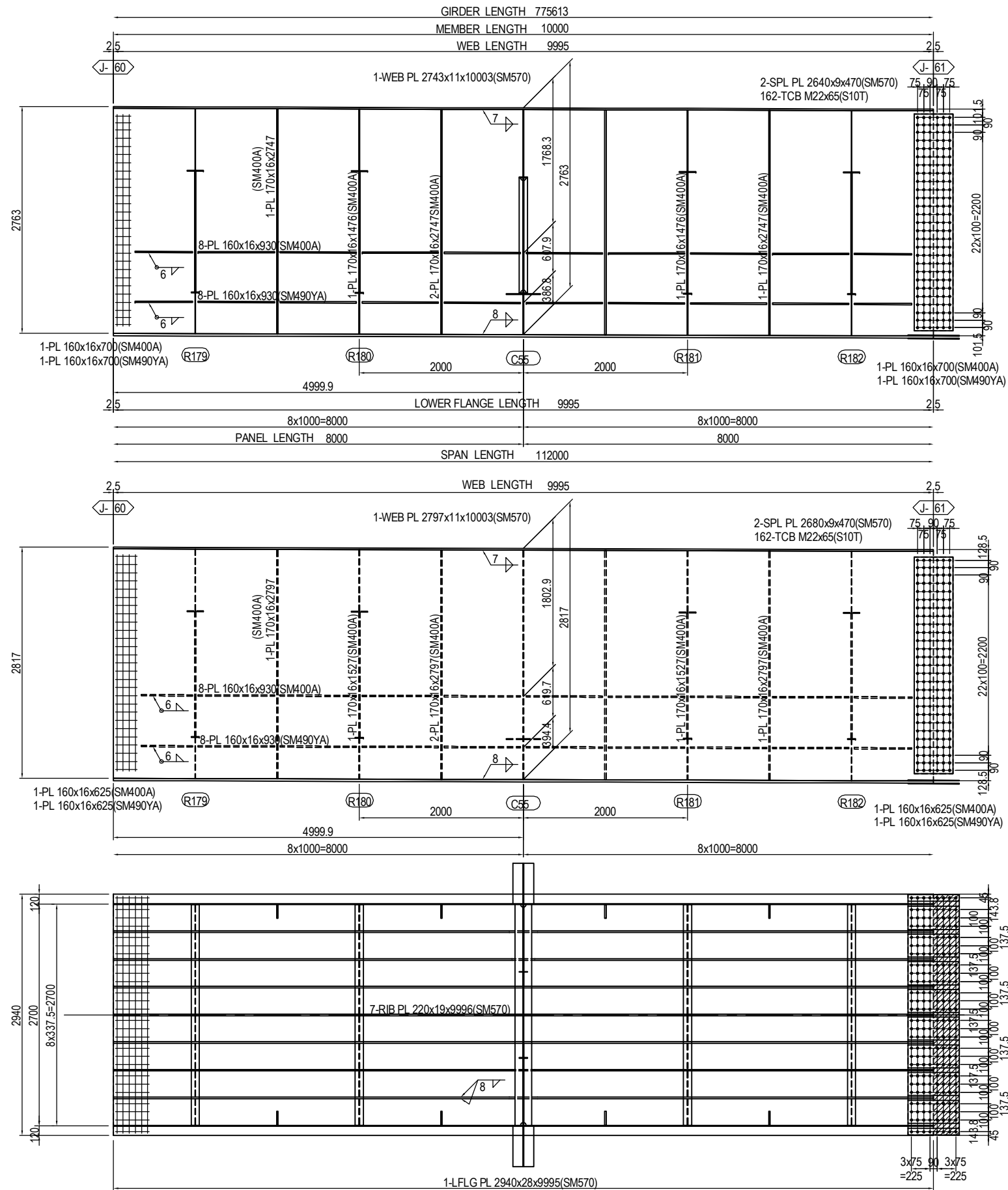


MARKING DIAGRAM

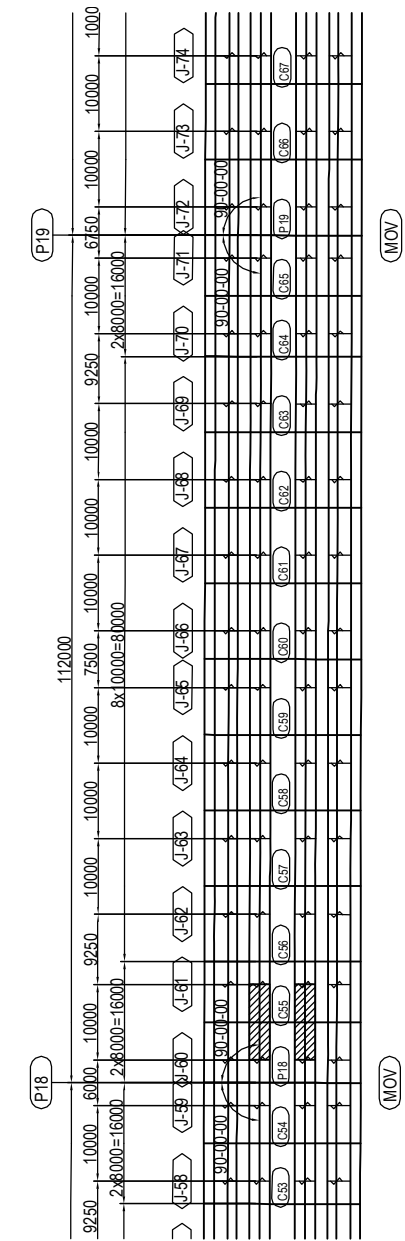


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (60)	PACKAGE 2 DWG No. P2-SB-1260
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (61) S=1:60



MARKING DIAGRAM

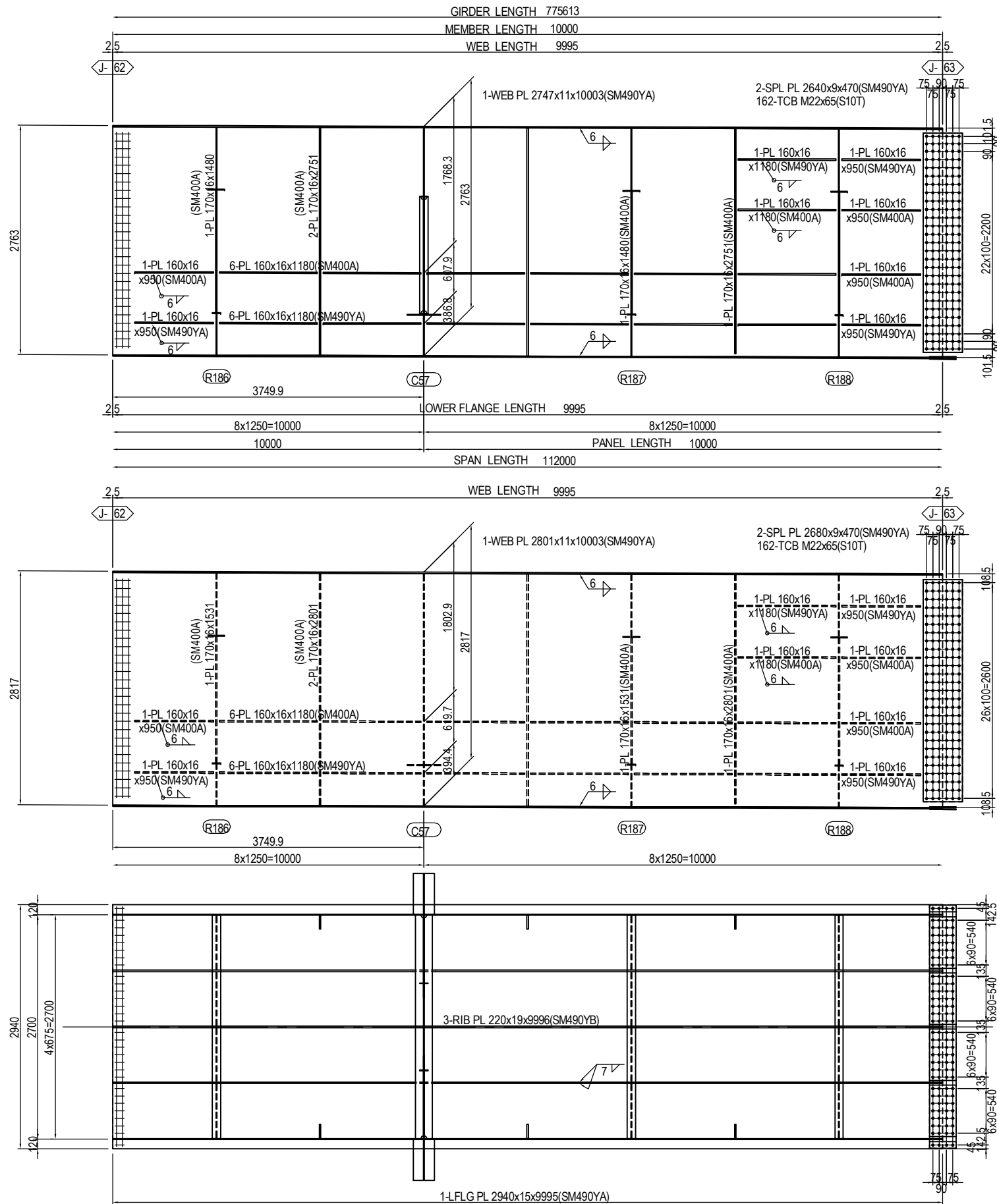


- 2-SPL PL 80x9x620(SM570)
- 8-SPL PL 280x9x620(SM570)
- 1-SPL PL 2930x9x620(SM570)
- 208-TCB M22x85(S10T)
- 1-FILL PL 2930x8x308(SS400)

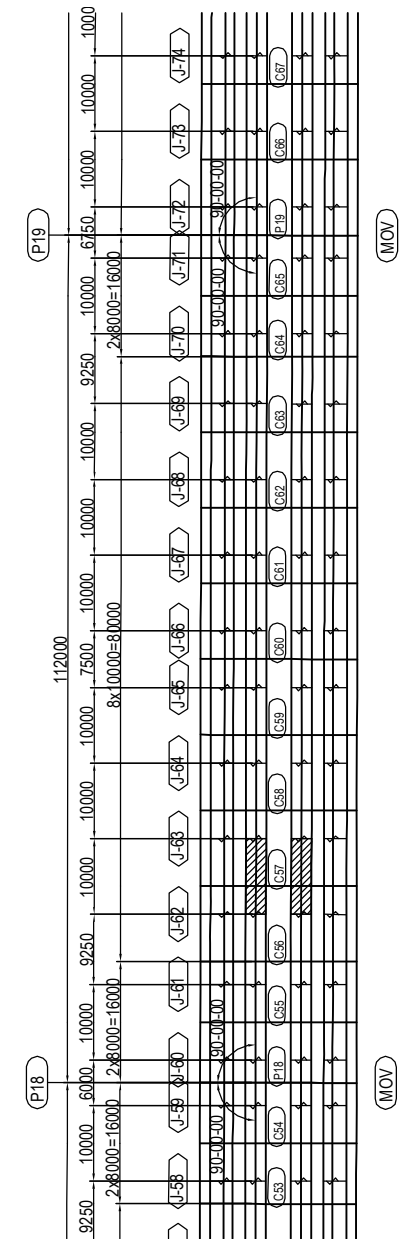
- (RIB PLATE per set)
- 2-SPL PL 160x9x480(SM570)
- 12-TCB M22x75(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 15%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (61)	PACKAGE 2 DWG No. P2-SB-1261
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (63) S=1:60



MARKING DIAGRAM

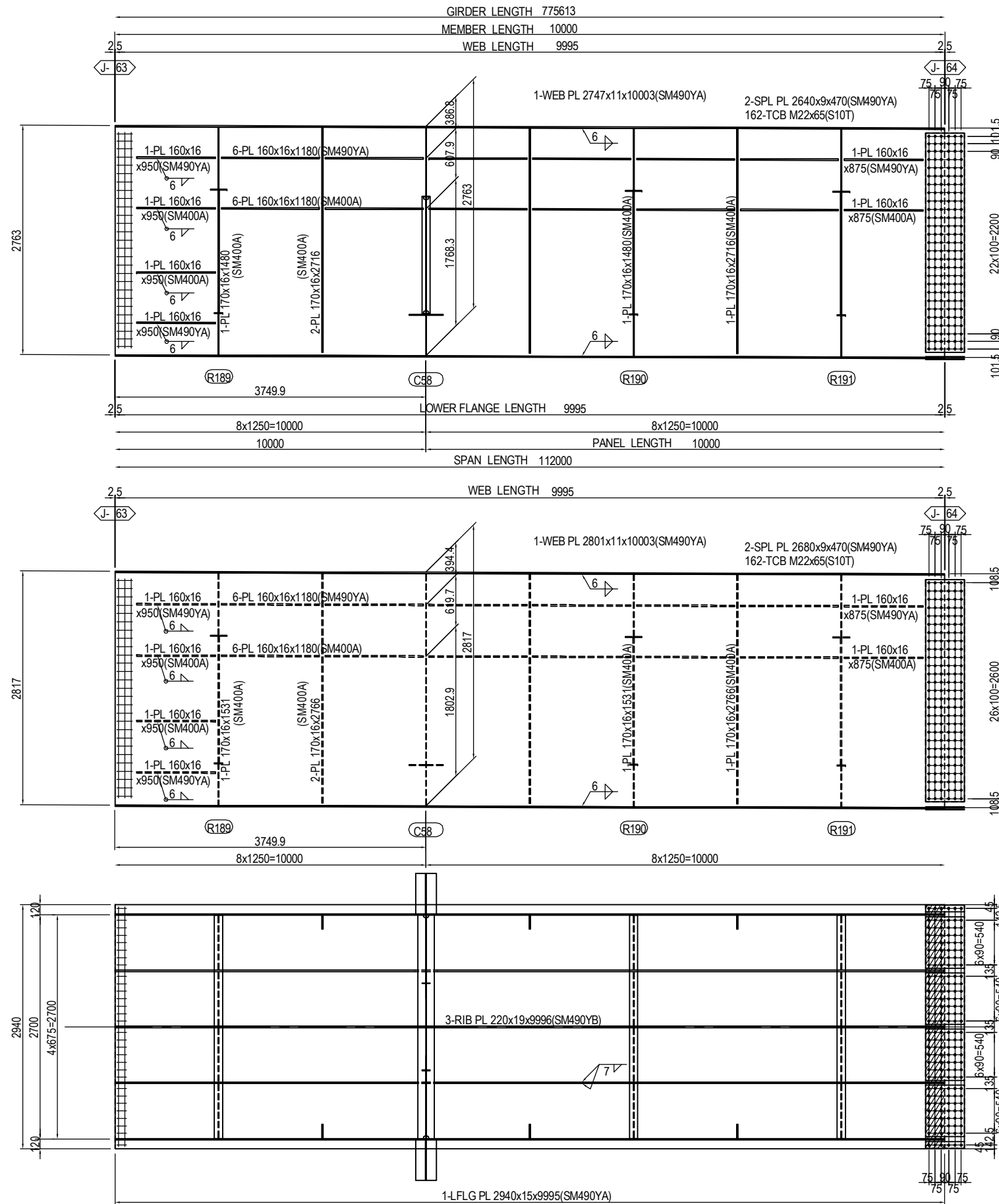


2-SPL PL 80x9x320(SM490YA)
 4-SPL PL 620x9x320(SM490YA)
 1-SPL PL 2930x9x320(SM490YA)
 12-TCB M22x70(S10T)

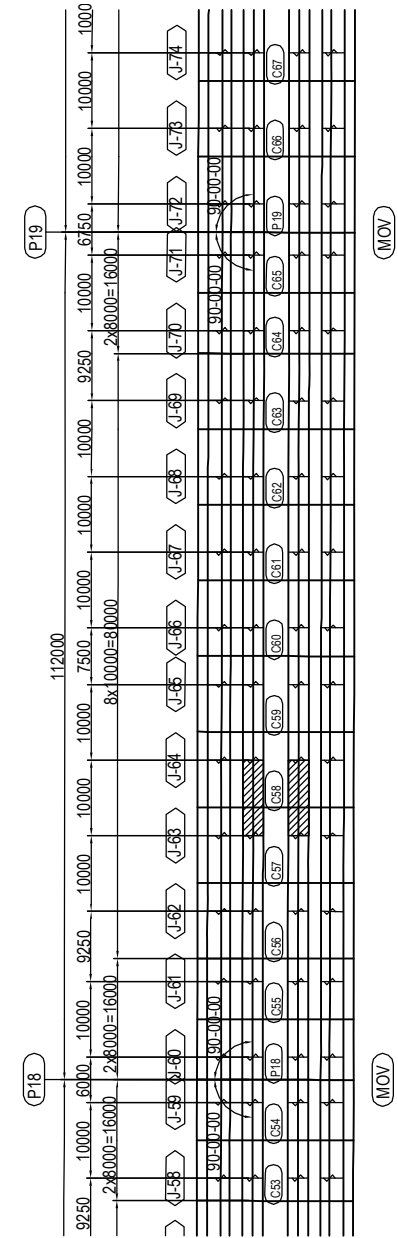
(RIB PLATE per set)
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 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (63)	PACKAGE 2 DWG No. P2-SB-1263
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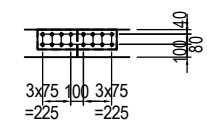
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (64) S=1:60



MARKING DIAGRAM



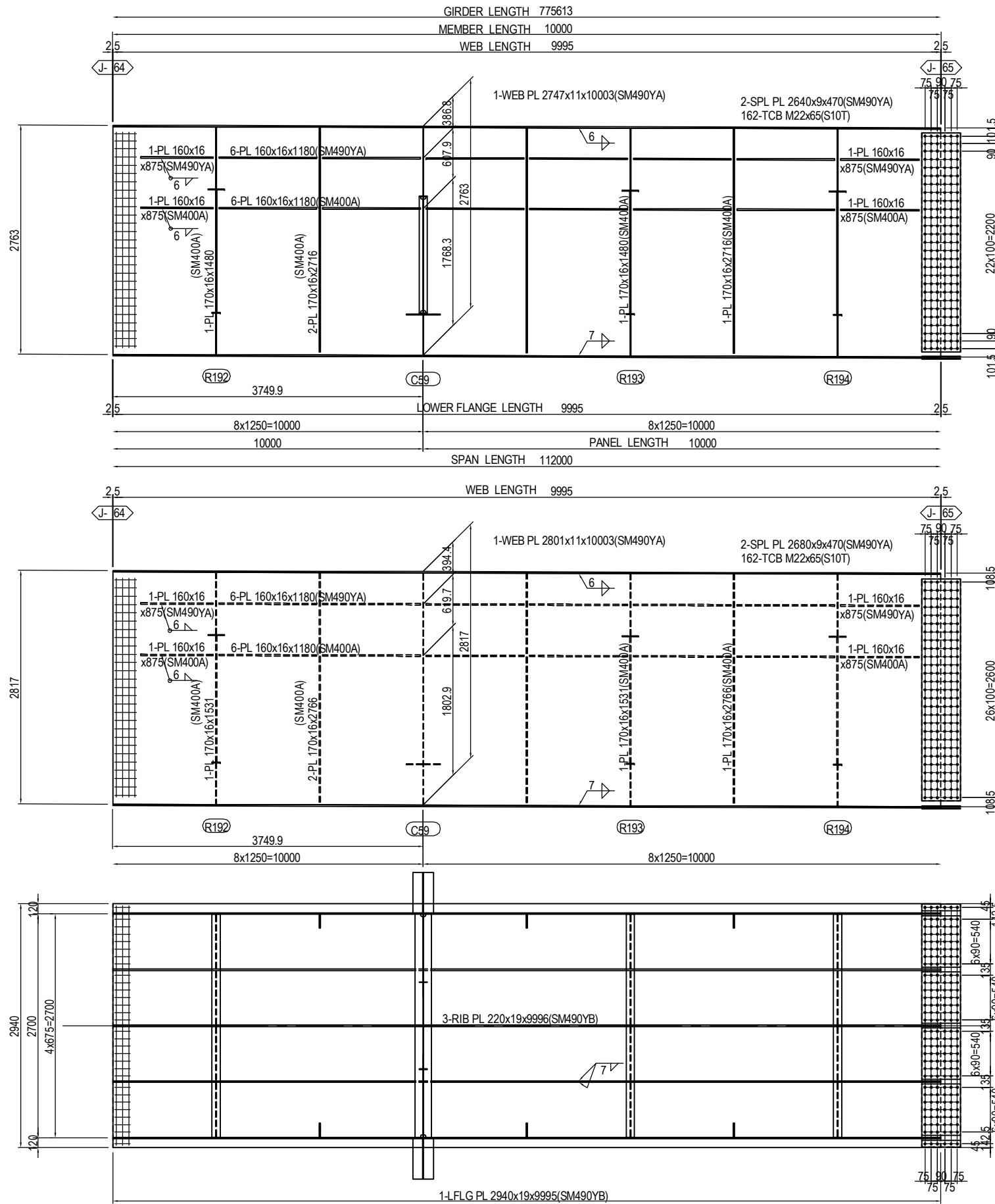
- 2-SPL PL 80x9x470(SM490YA)
- 4-SPL PL 620x9x470(SM490YA)
- 1-SPL PL 2930x9x470(SM490YA)
- 180-TCB M22x75(S10T)
- 1-FILL PL 2930x4.5x233(SS400)



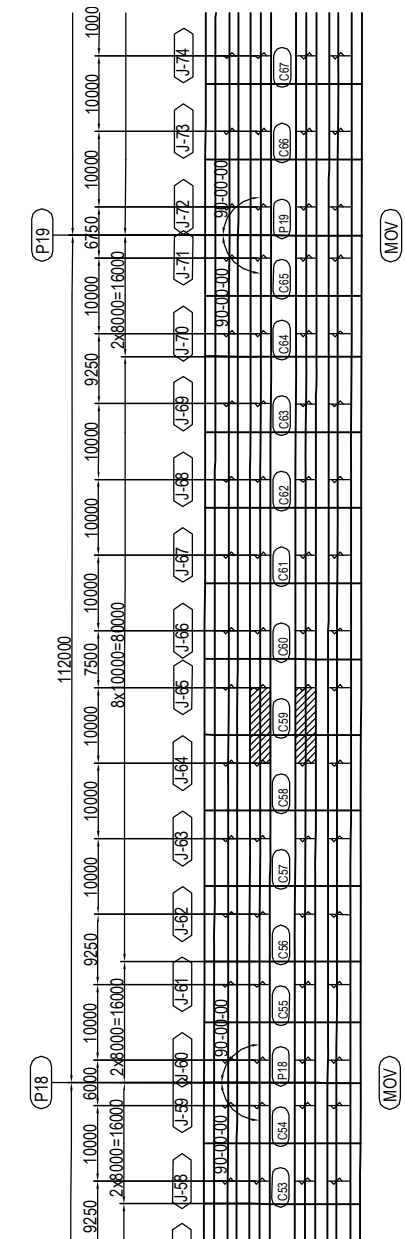
(RIB PLATE per set)
2-SPL PL 160x14x630(SM490YA)
16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (64)	PACKAGE 2 DWG No. P2-SB-1264
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

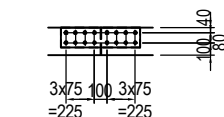
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (65) S=1:60



MARKING DIAGRAM



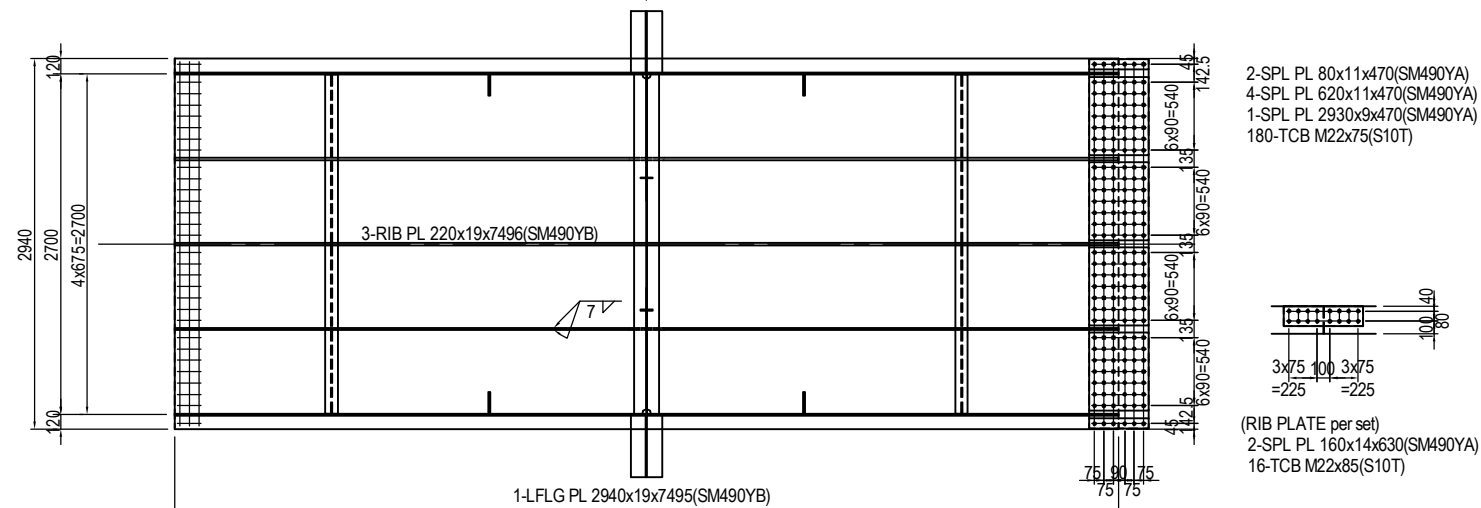
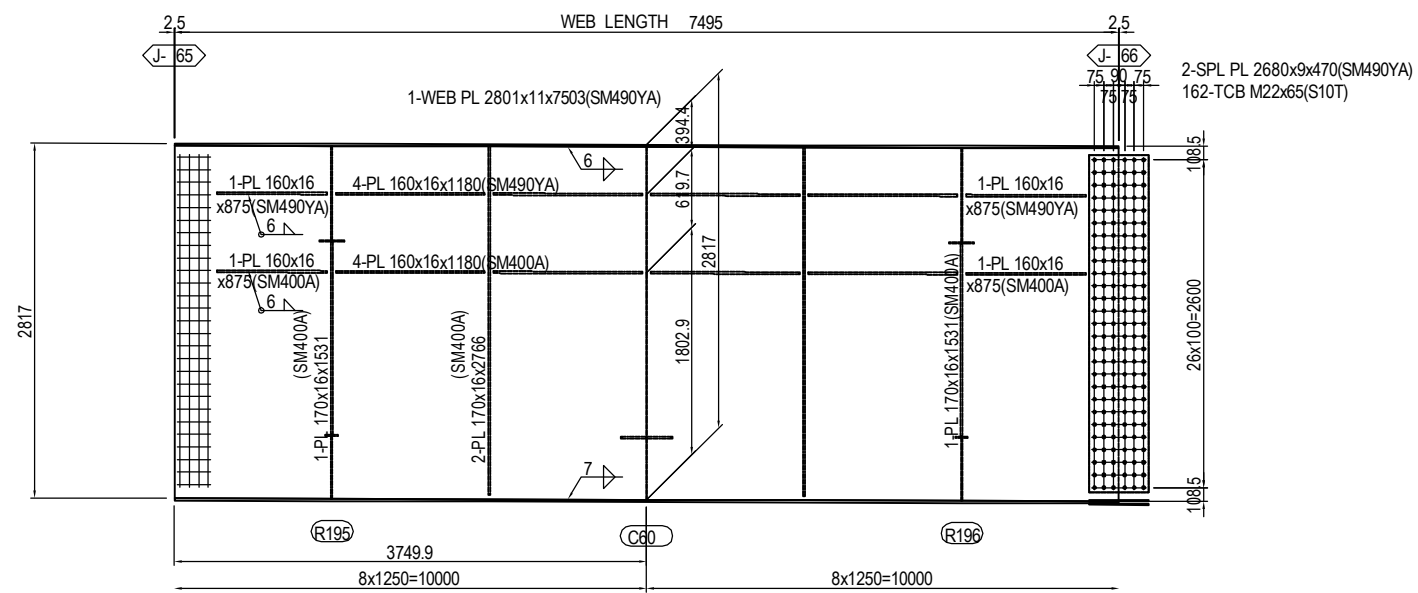
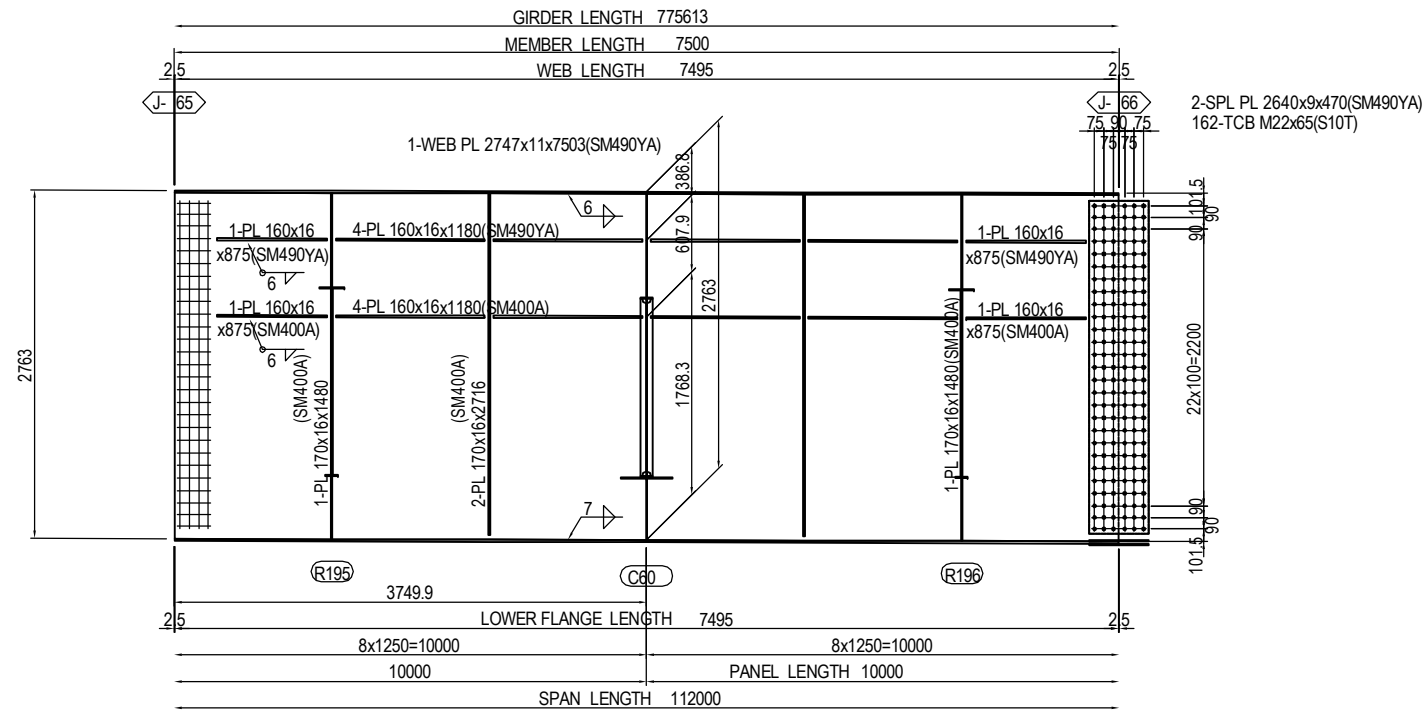
2-SPL PL 80x11x470(SM490YA)
 4-SPL PL 620x11x470(SM490YA)
 1-SPL PL 2930x9x470(SM490YA)
 180-TCB M22x75(S10T)



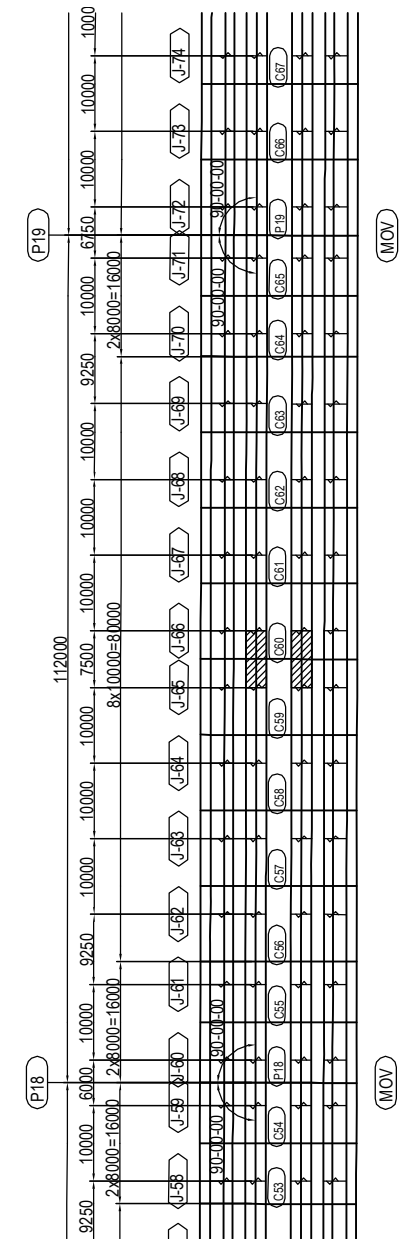
(RIB PLATE per set)
 2-SPL PL 160x15x630(SM490YA)
 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (65)	PACKAGE 2 DWG No. P2-SB-1265
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (66) S=1:60

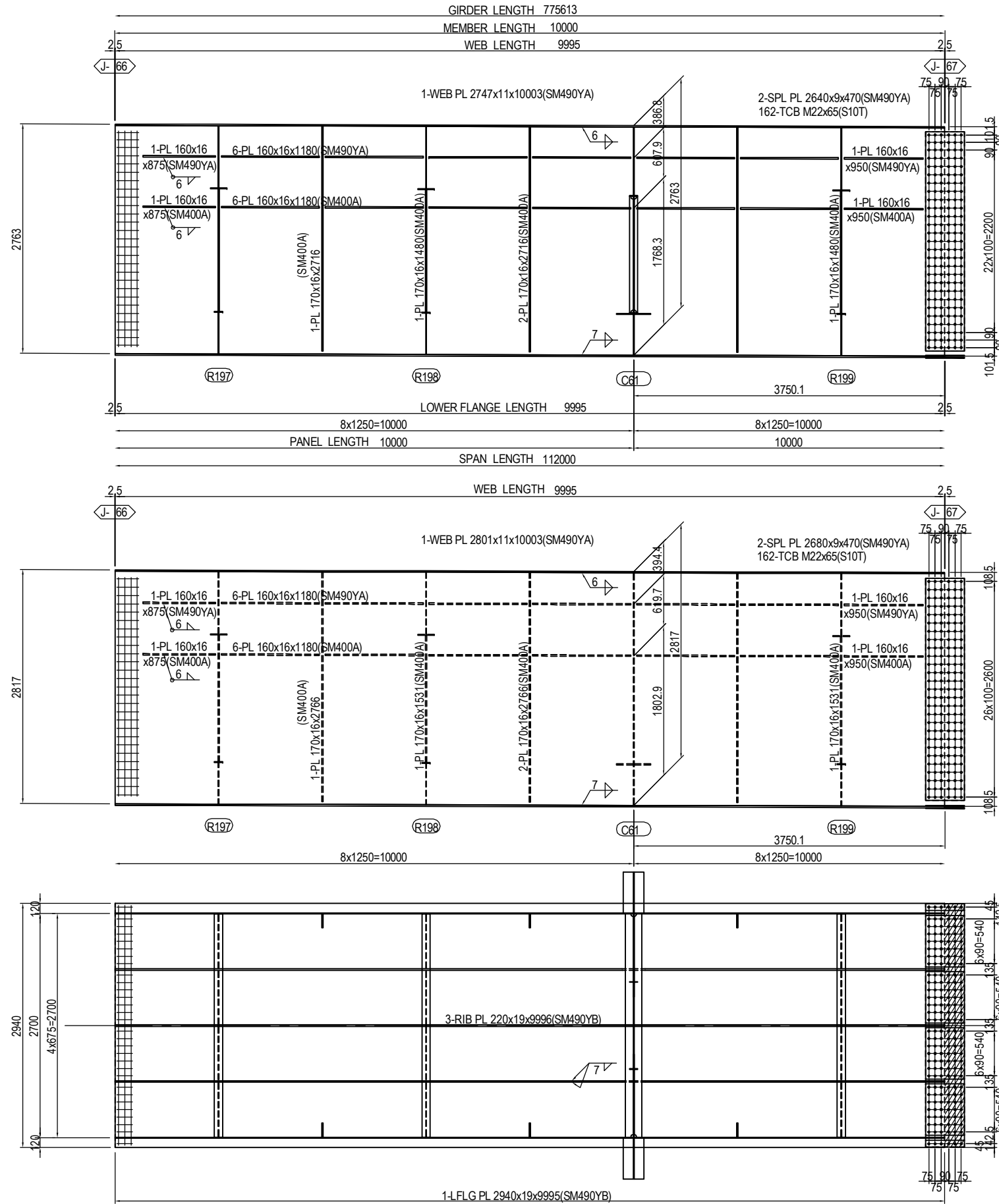


MARKING DIAGRAM

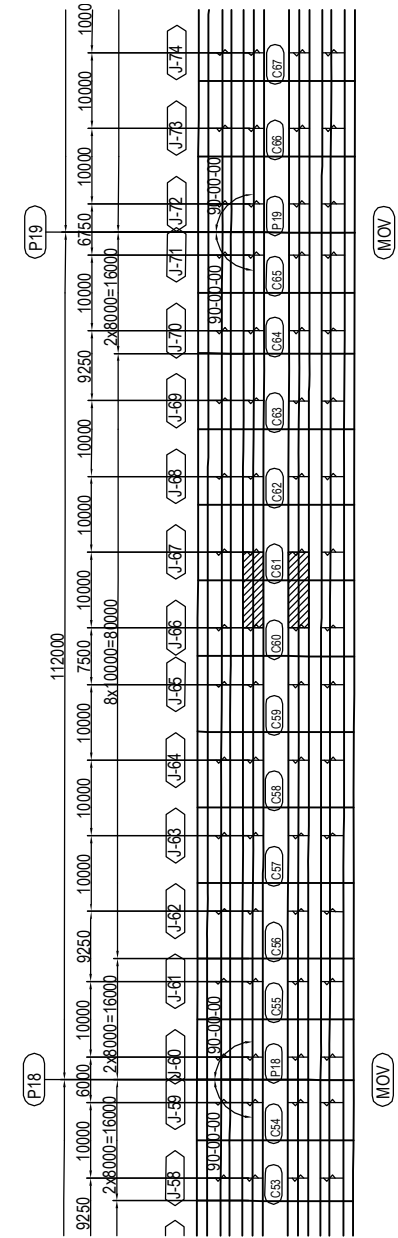


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (66)	PACKAGE 2 DWG No. P2-SB-1266
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

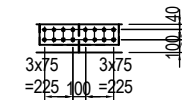
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (67) S=1:60



MARKING DIAGRAM



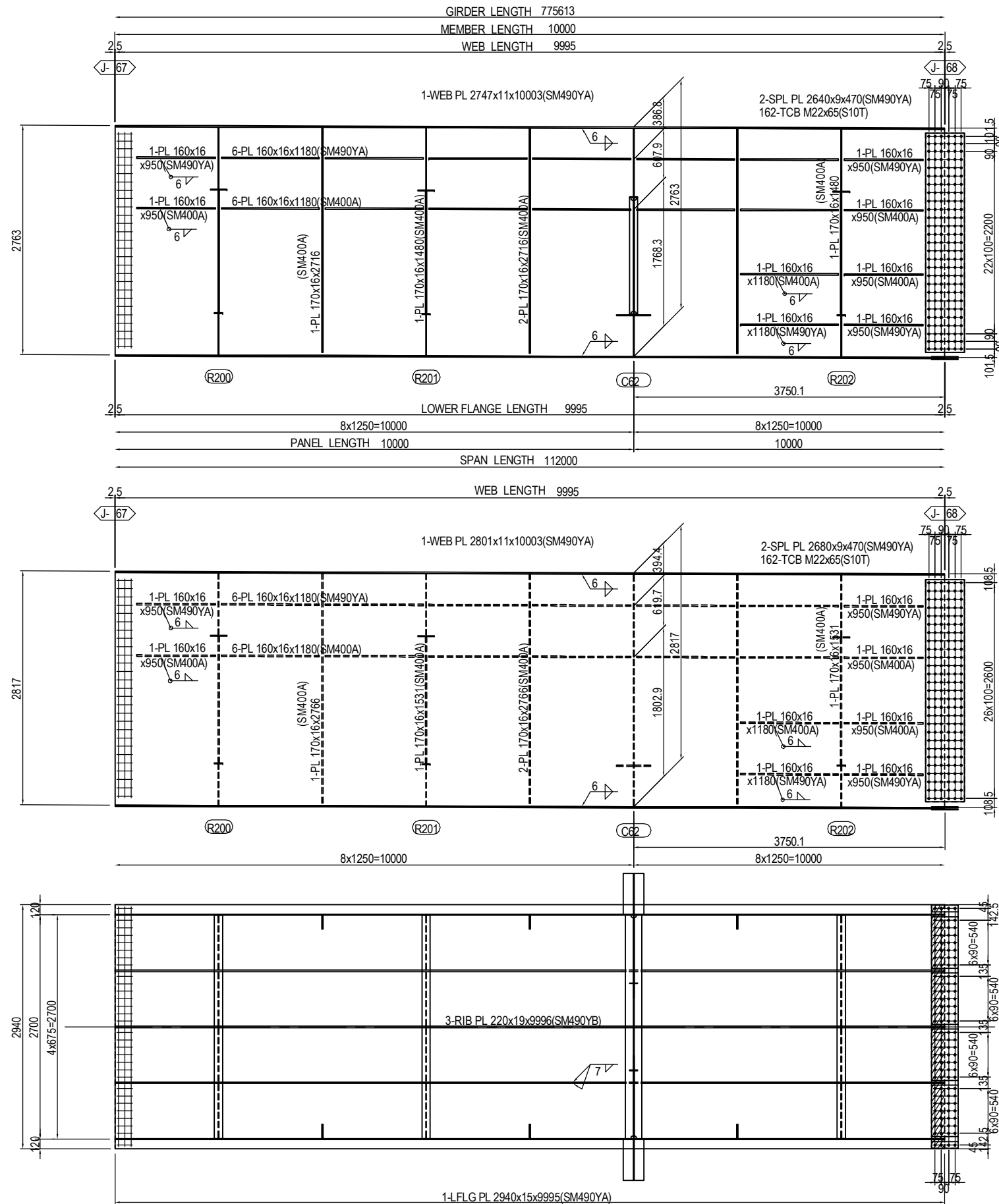
- 2-SPL PL 80x9x470(SM490YA)
- 4-SPL PL 620x9x470(SM490YA)
- 1-SPL PL 2930x9x470(SM490YA)
- 180-TCB M22x75(S10T)
- 1-FILL PL 2930x4.5x233(SS400)



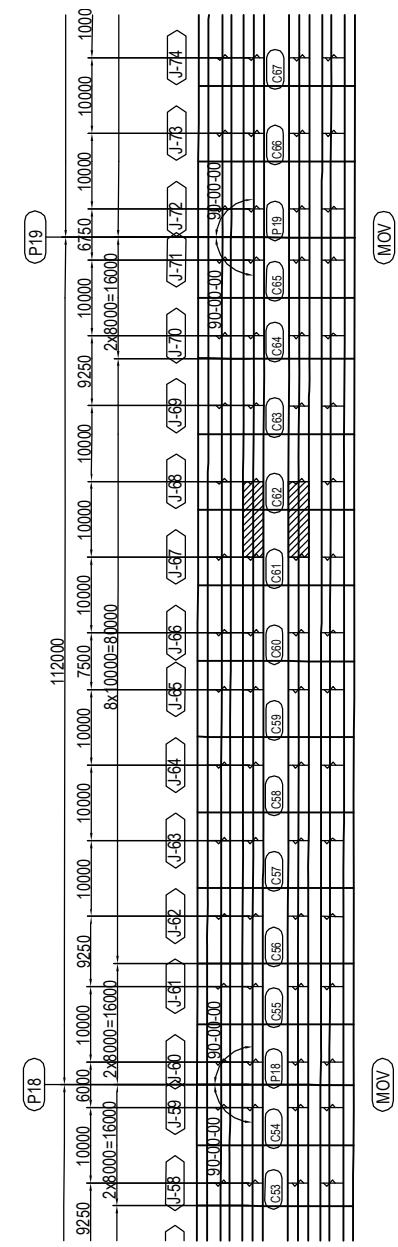
- (RIB PLATE per set)
- 2-SPL PL 160x13x630(SM490YA)
- 16-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (67)	PACKAGE 2 DWG No. P2-SB-1267
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (68) S=1:60

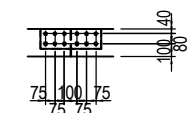


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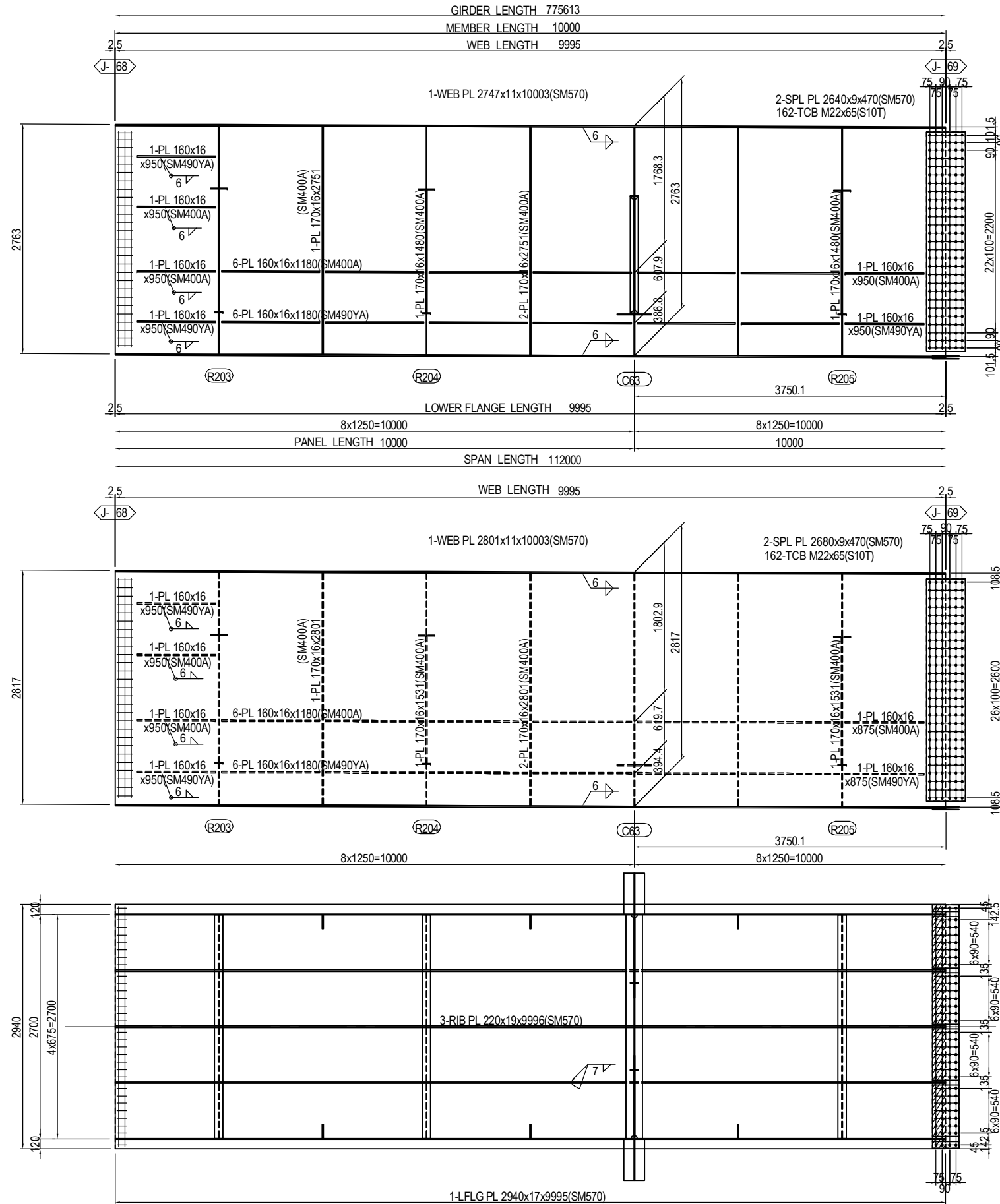
- 2-SPL PL 80x9x320(SM490YA)
- 4-SPL PL 620x9x320(SM490YA)
- 1-SPL PL 2930x9x320(SM490YA)
- 120-TCB M22x75(S10T)
- 1-FILL PL 2930x2.3x158(SS400)

- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

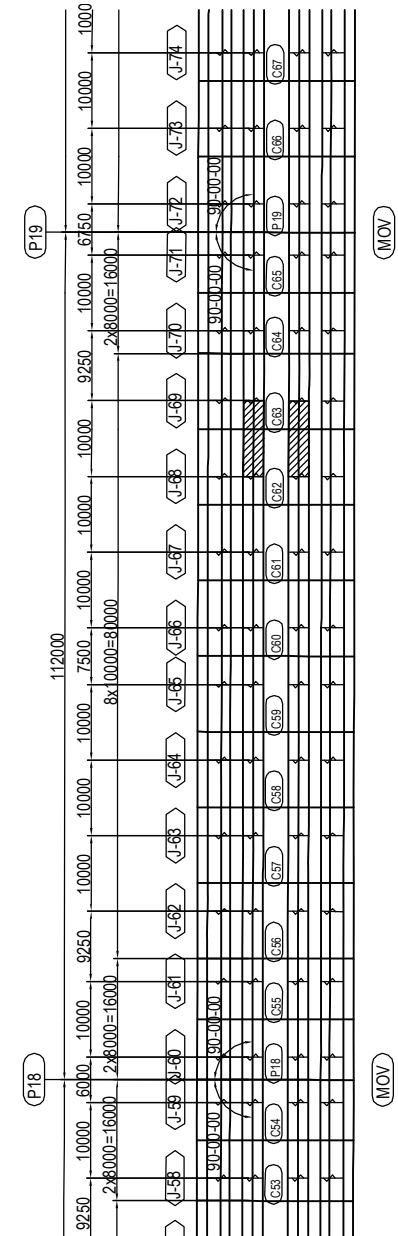


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (68)	PACKAGE 2
							DWG No. P2-SB-1268	P2-SB-1268
PREPARED BY T. HAYAKAWA					SIGNATURE 		DATE 20 Jun.2017	
CHECKED BY Y. SANO					SIGNATURE 		DATE 21 Jun.2017	

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (69) S=1:60



MARKING DIAGRAM

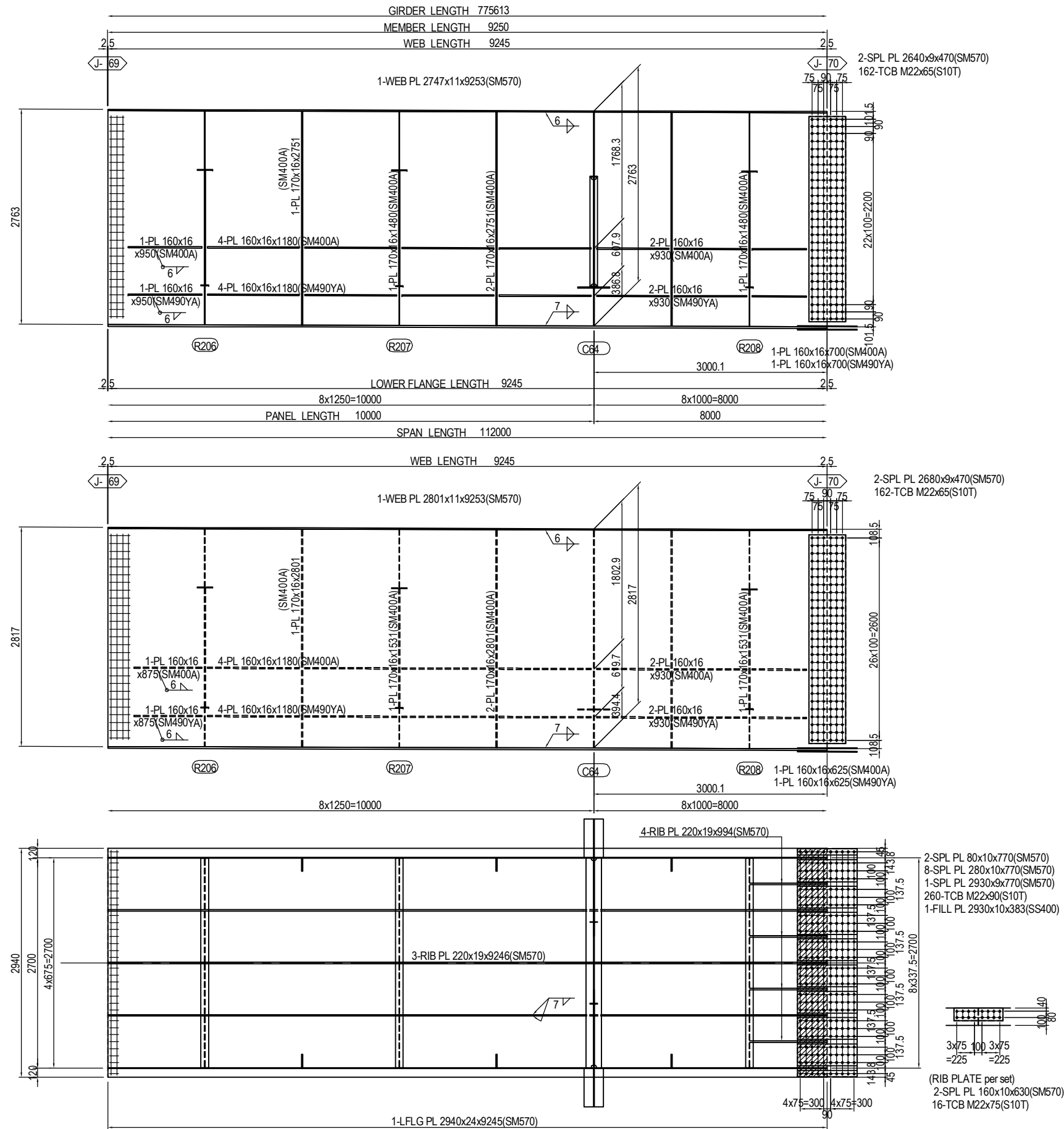


- 2-SPL PL 80x9x320(SM570)
- 4-SPL PL 620x9x320(SM570)
- 1-SPL PL 2930x9x320(SM570)
- 120-TCB M22x80(S10T)
- 1-FILL PL 2930x6x158(SS400)

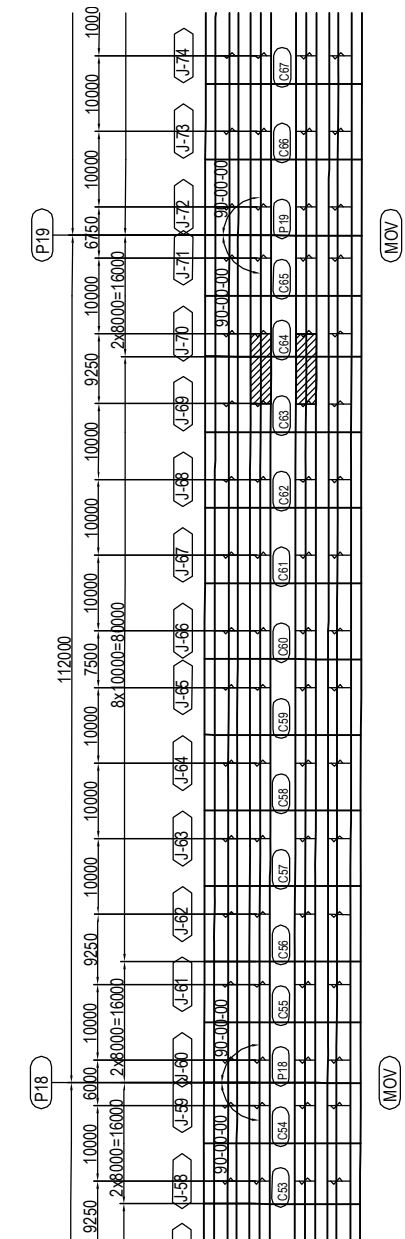
- (RIB PLATE per set)
- 2-SPL PL 160x9x480(SM570)
- 12-TCB M22x75(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (69)	PACKAGE 2 DWG No. P2-SB-1269
				PREPARED BY	T. HAYAKAWA	20 Jun.2017		
				CHECKED BY	Y. SANO	21 Jun.2017		
				APPROVED BY				

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (70) S=1:60

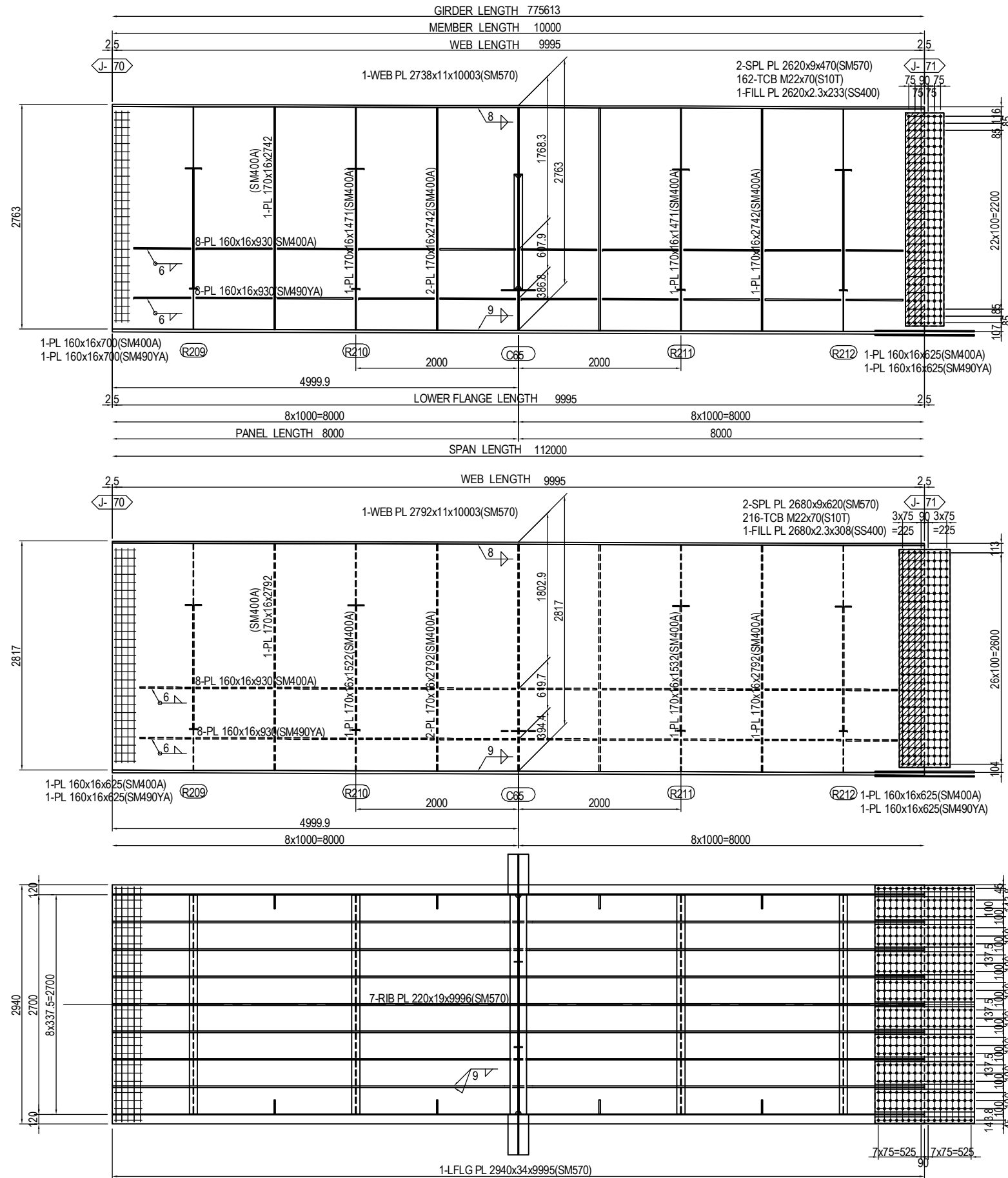


MARKING DIAGRAM

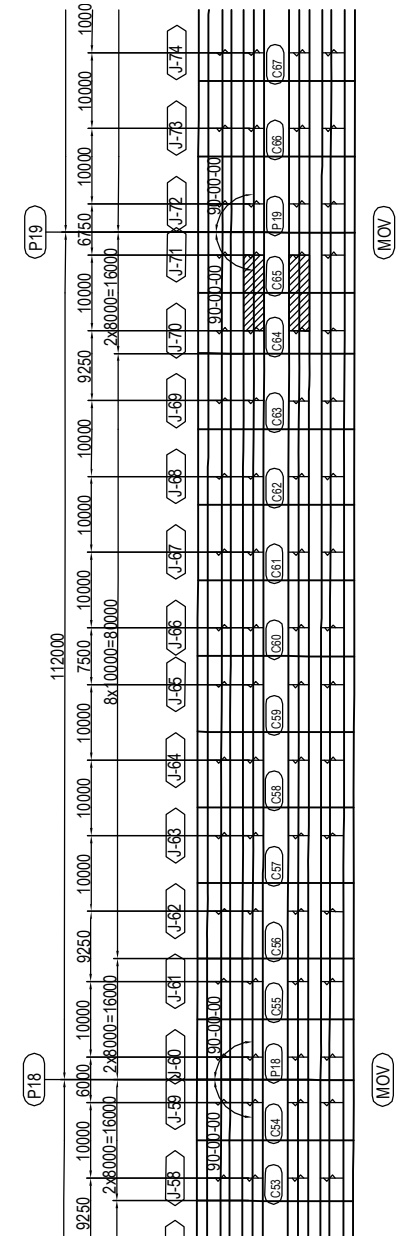


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">NAME</th> <th style="width: 10%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (70)	PACKAGE 2 DWG No. P2-SB-1270
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

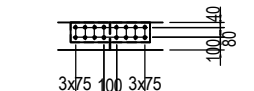
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (71) S=1:60



MARKING DIAGRAM



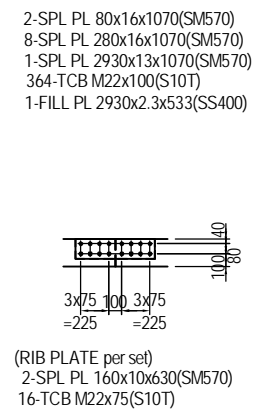
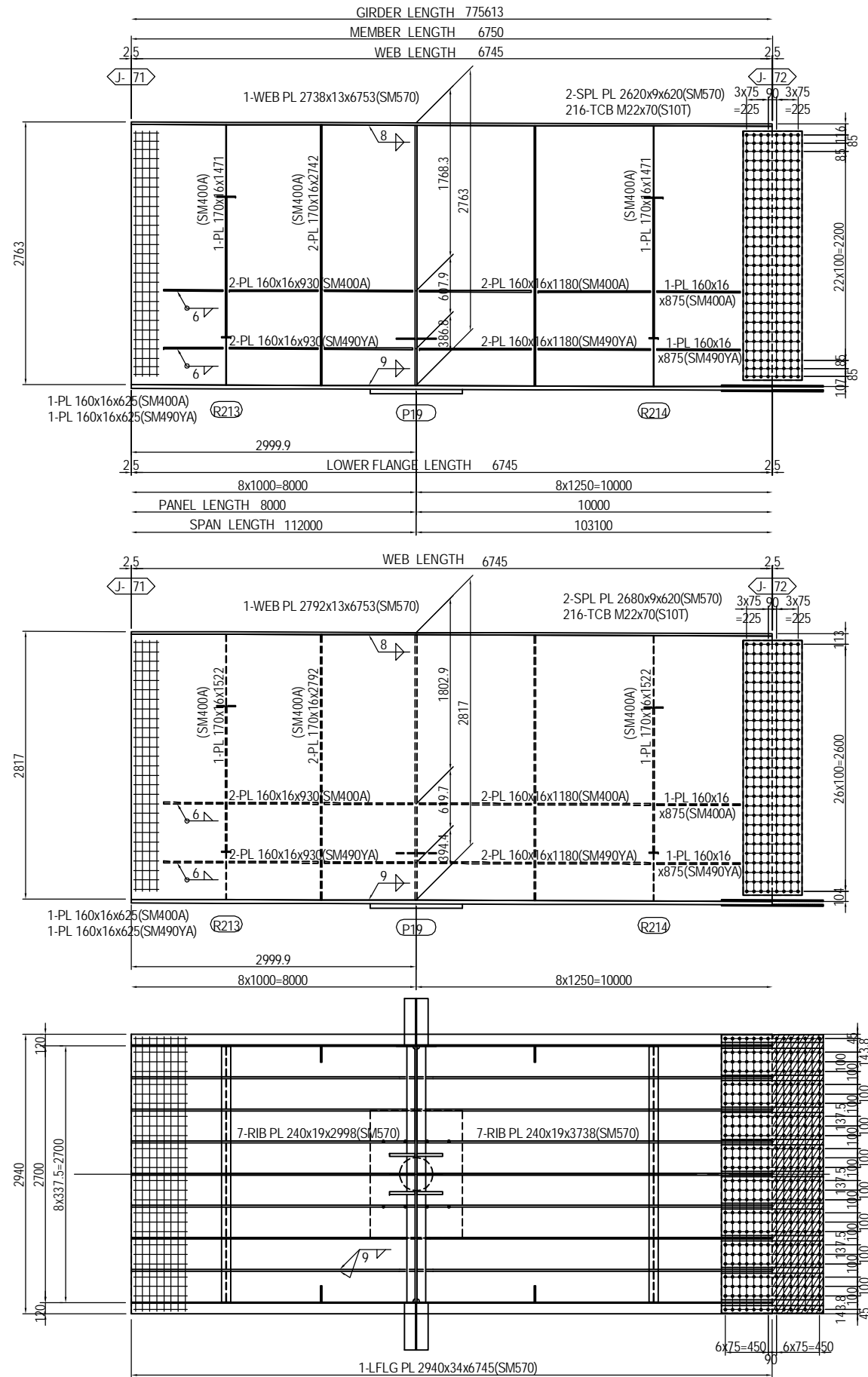
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 8-SPL PL 280x17x1220(SM570)
 1-SPL PL 2930x13x1220(SM570)
 416-TCB M22x105(S10T)



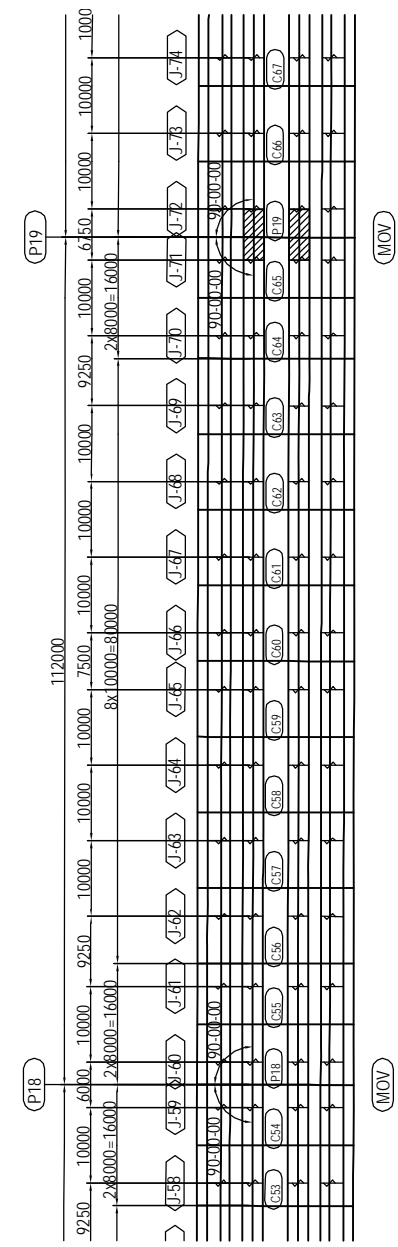
(RIB PLATE per set)
 2-SPL PL 160x11x630(SM570)
 16-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (71)	PACKAGE 2 DWG No. P2-SB-1271
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DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (72) S=1:60

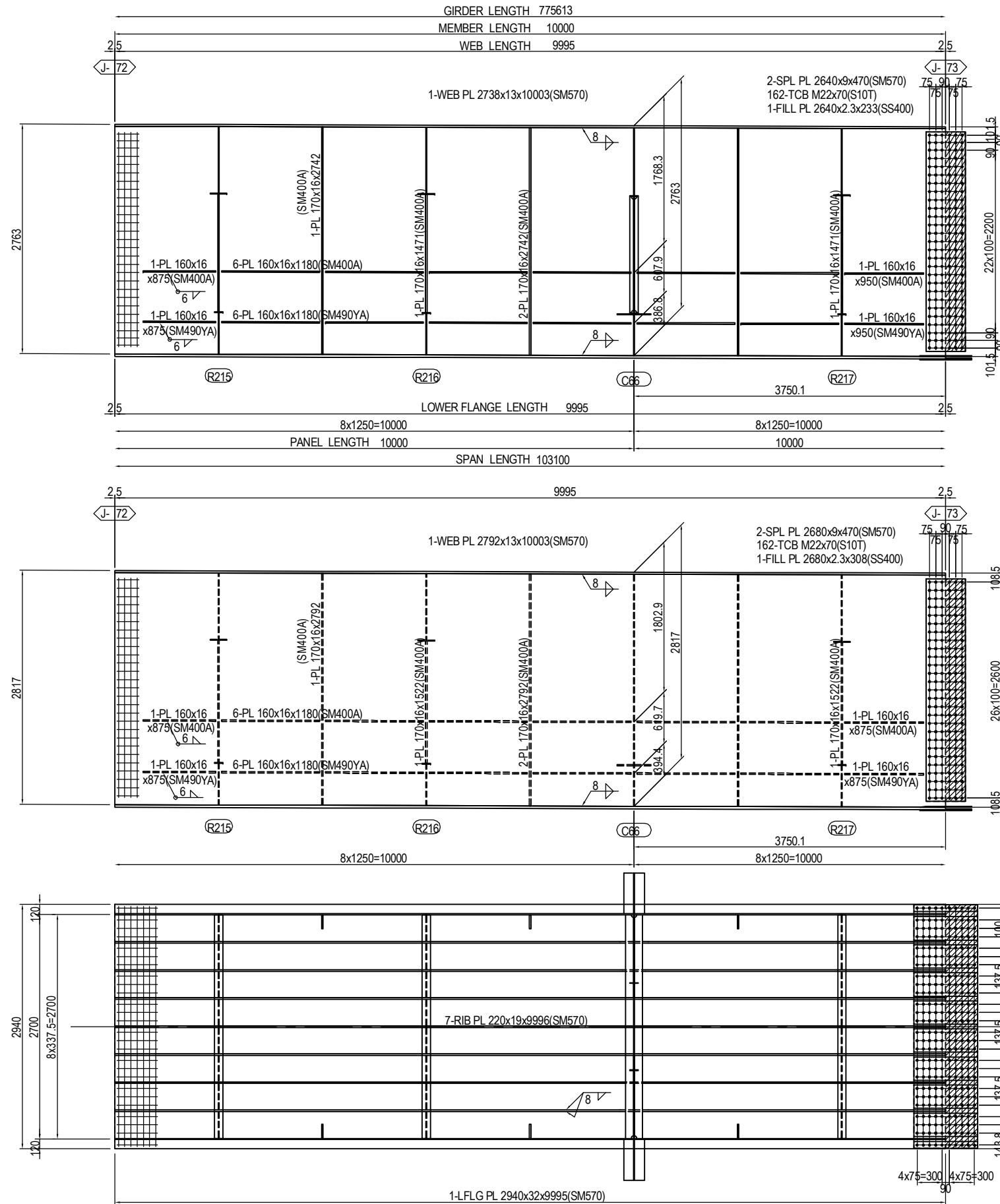


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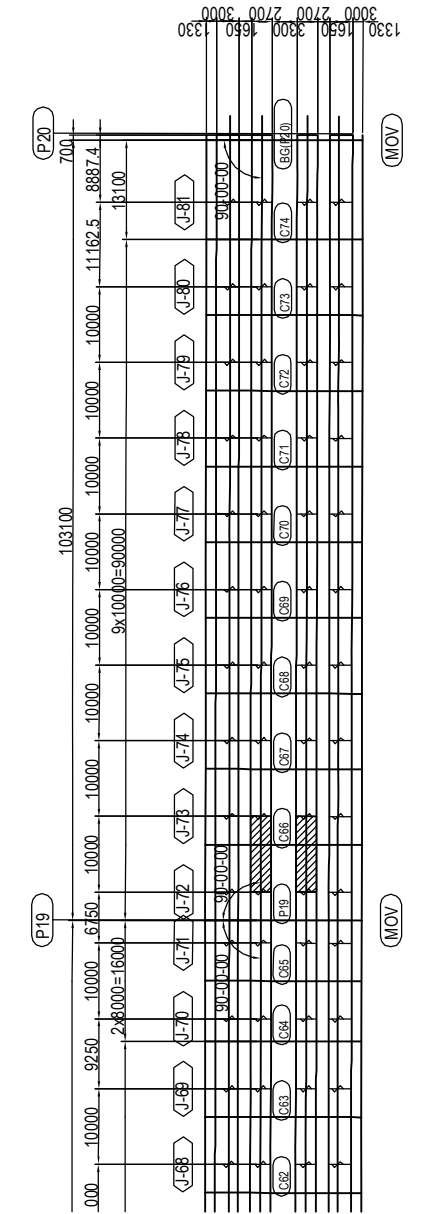


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO. LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (72)	PACKAGE 2 DWG No. P2-SB-1272
				PREPARED BY T. HAYAKAWA	SIGNATURE 	DATE 20 Jun.2017		
				APPROVED BY Y. SANO	SIGNATURE 	DATE 21 Jun.2017		

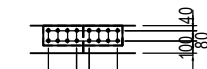
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (73) S=1:60



MARKING DIAGRAM



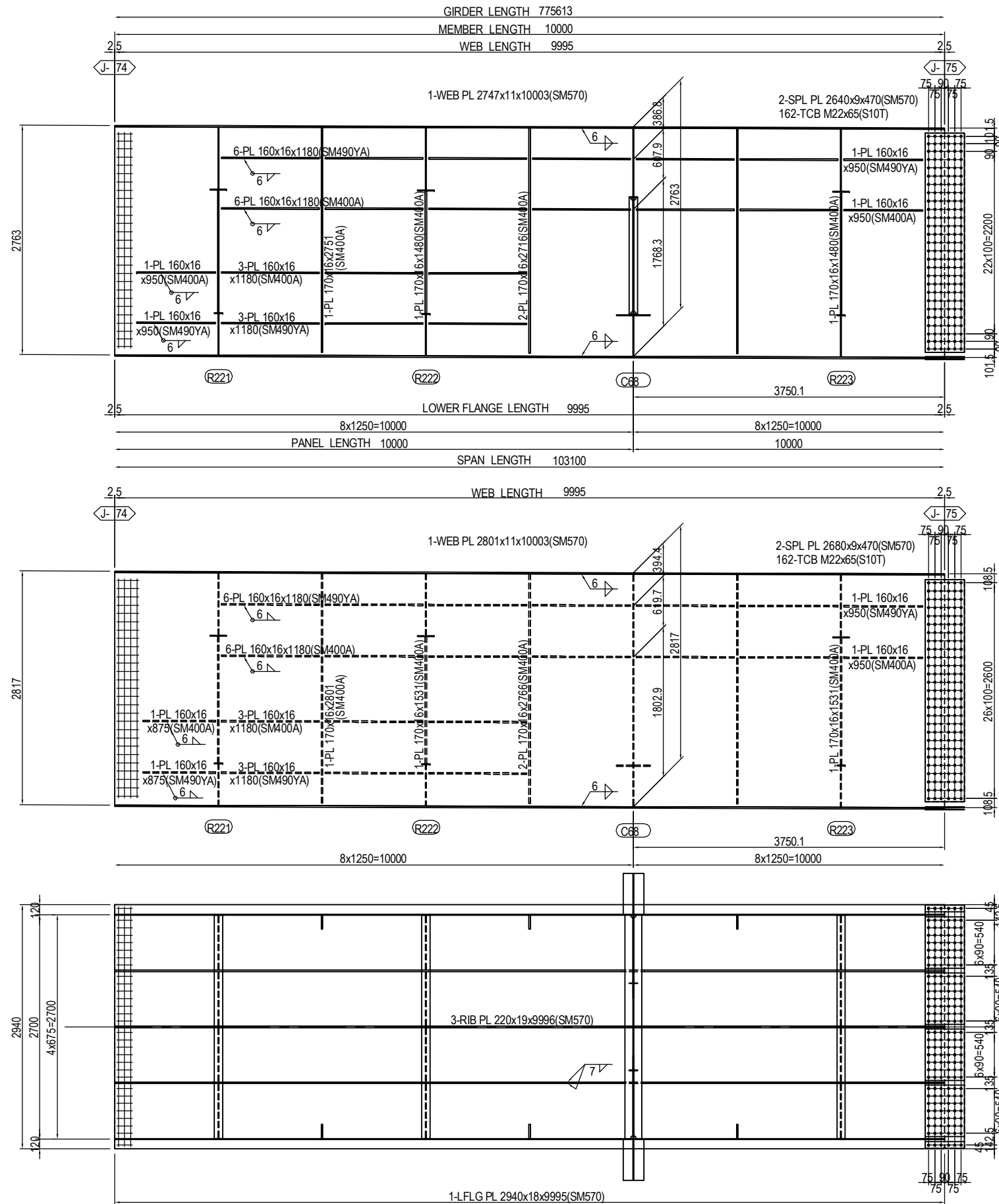
- 2-SPL PL 80x9x770(SM570)
- 8-SPL PL 280x9x770(SM570)
- 1-SPL PL 2930x9x770(SM570)
- 260-TCB M22x85(S10T)
- 1-FILL PL 2930x10x383(SS400)



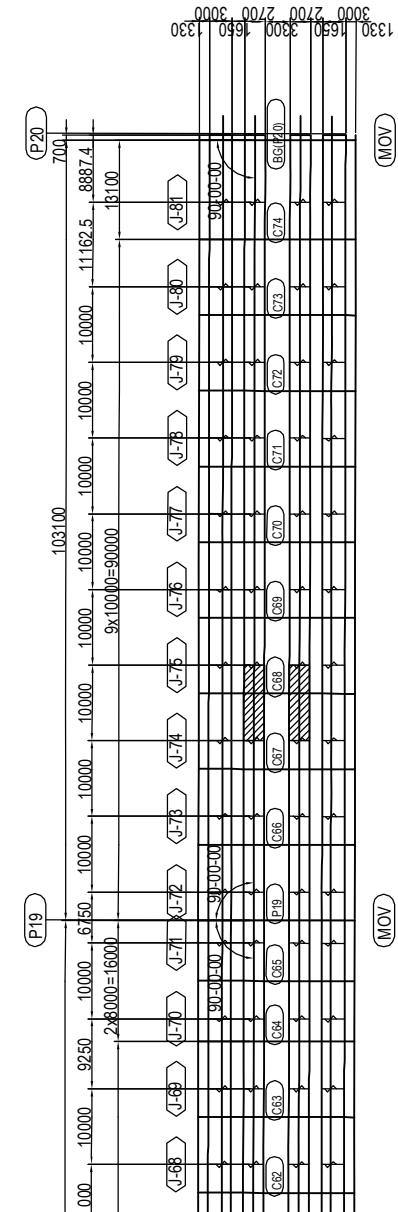
- (RIB PLATE per set)
- 2-SPL PL 160x9x630(SM570)
- 16-TCB M22x75(S10T)

PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA		15 Jun.2017	DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (73)	2
				T. HAYAKAWA		20 Jun.2017		DWG No.
				Y. SANO		21 Jun.2017		P2-SB-1273

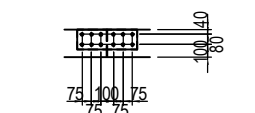
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (75) S=1:60



MARKING DIAGRAM



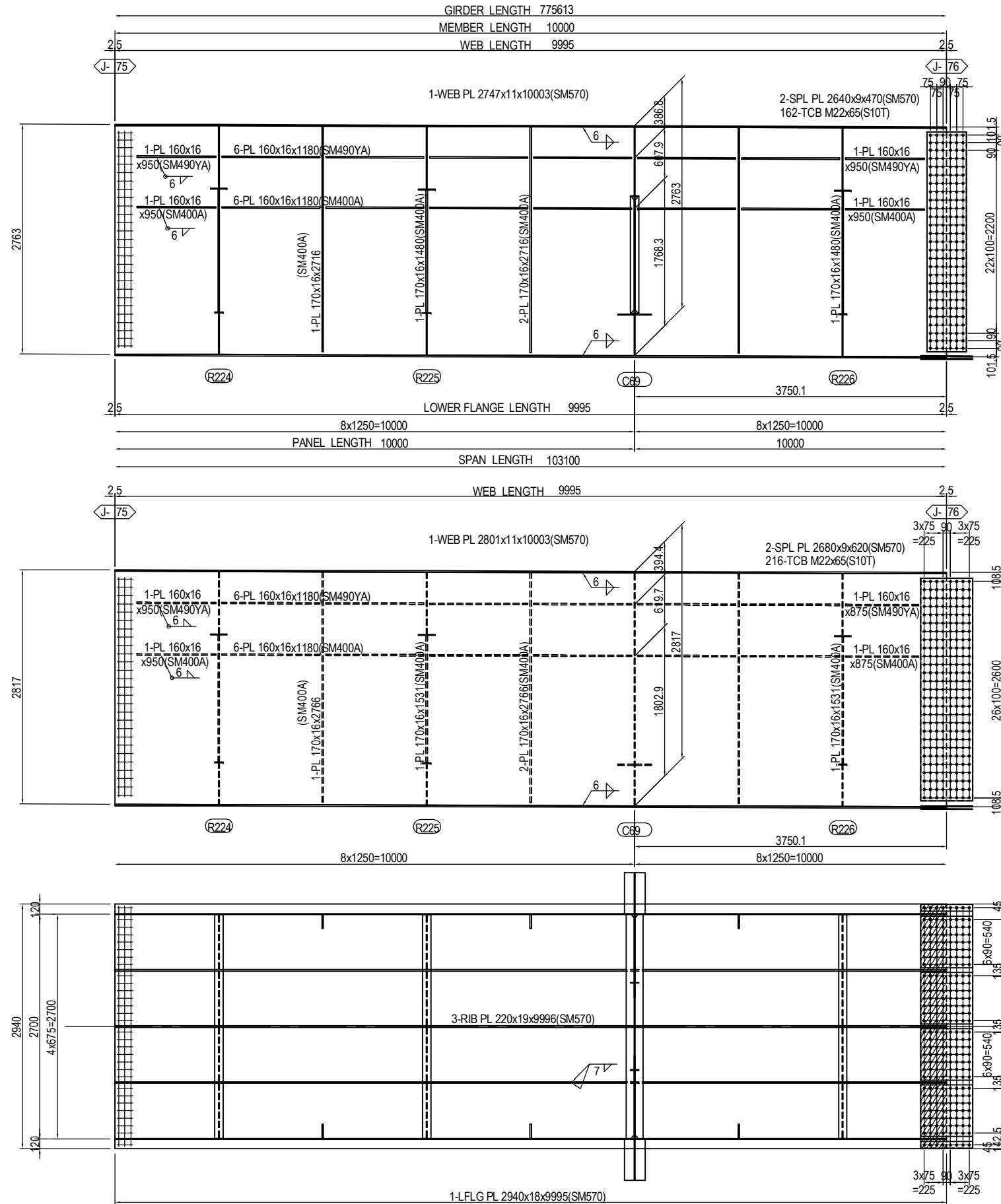
- 2-SPL PL 80x9x470(SM570)
- 4-SPL PL 620x9x470(SM570)
- 1-SPL PL 2930x9x470(SM570)
- 180-TCB M22x75(S10T)



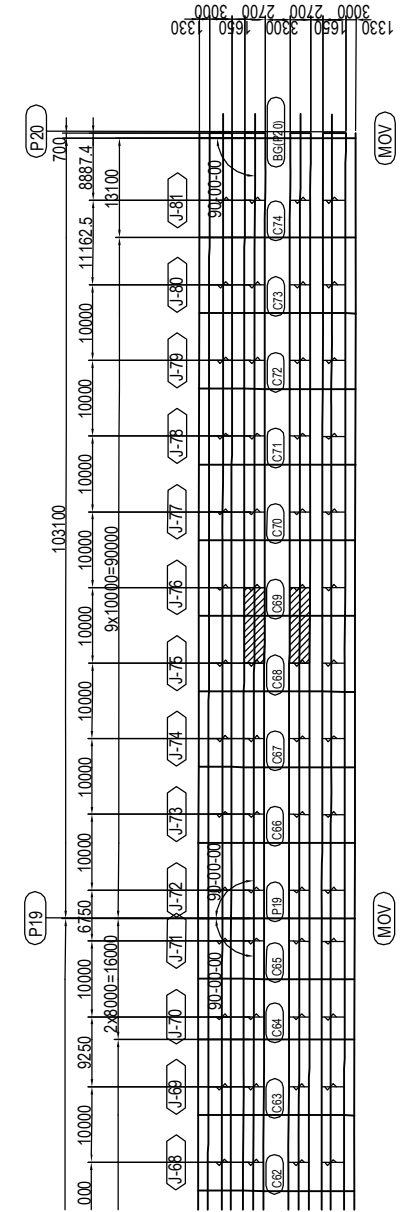
- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM570)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (75)	PACKAGE 2 DWG No. P2-SB-1275
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

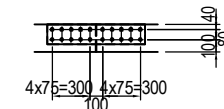
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (76) S=1:60



MARKING DIAGRAM



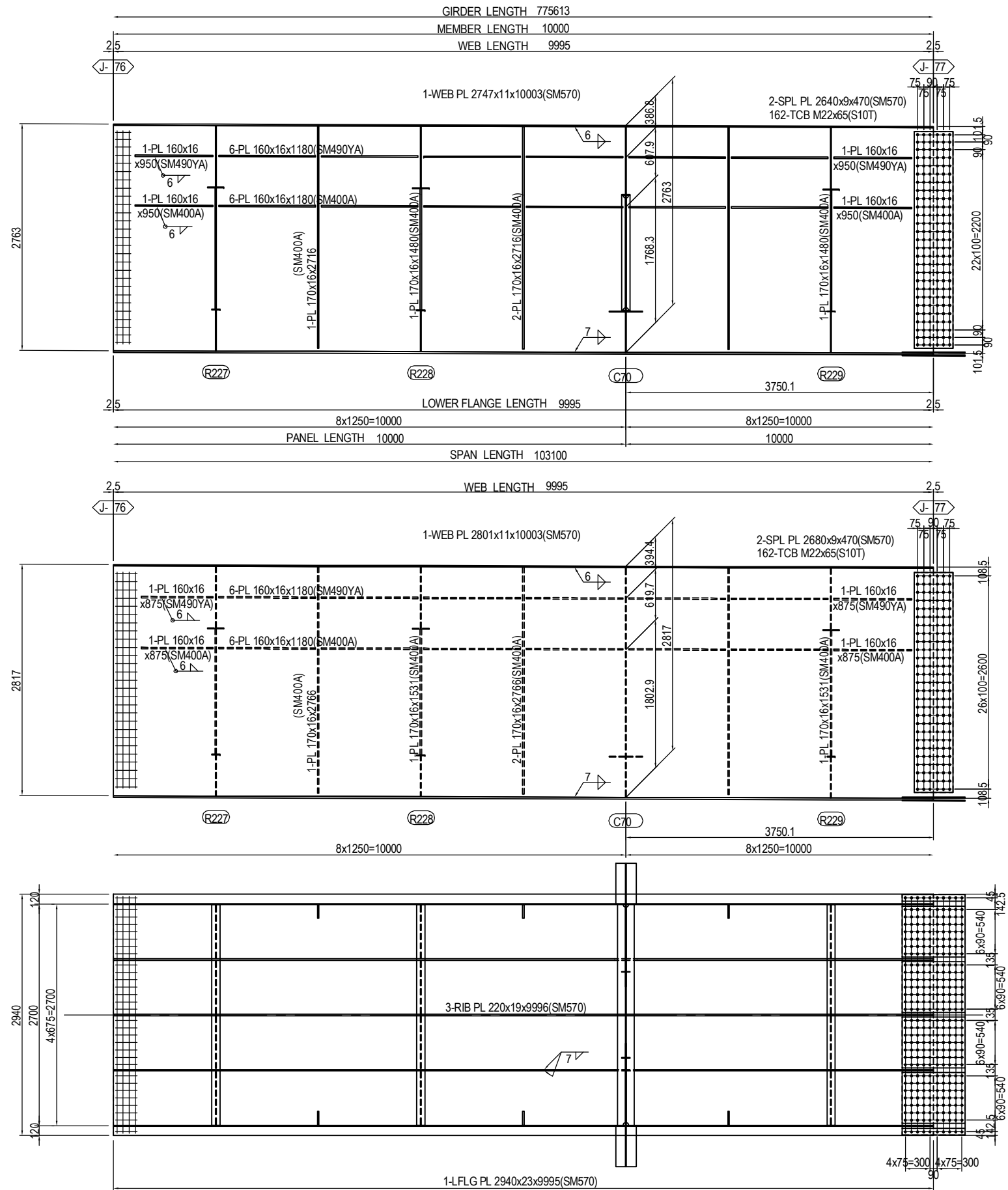
- 2-SPL PL 80x11x620(SM570)
- 4-SPL PL 620x11x620(SM570)
- 1-SPL PL 2930x9x620(SM570)
- 240-TCB M22x80(S10T)
- 1-FILL PL 2930x4.5x308(SS400)



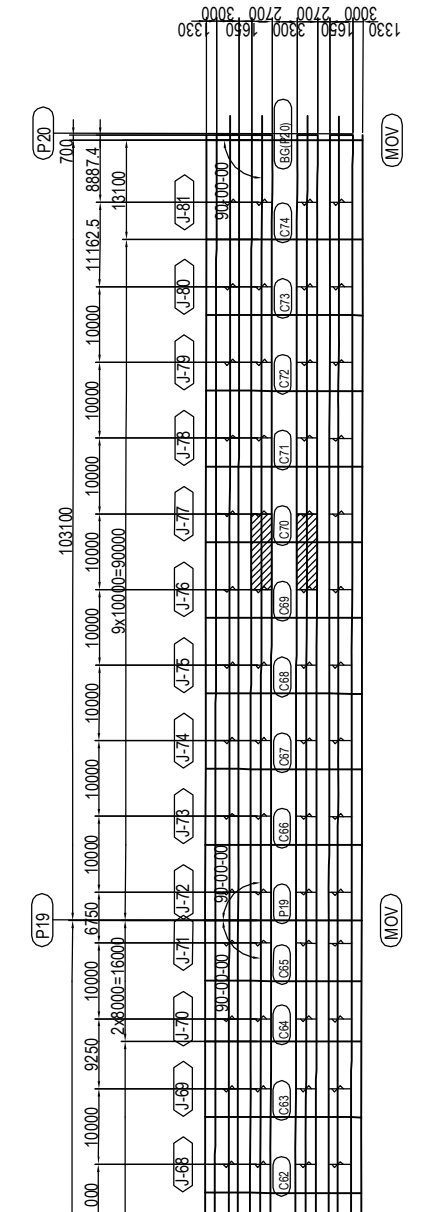
- (RIB PLATE per set)
- 2-SPL PL 160x15x780(SM570)
- 20-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (76)	PACKAGE 2 DWG No. P2-SB-1276
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

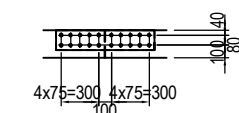
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (77) S=1:60



MARKING DIAGRAM



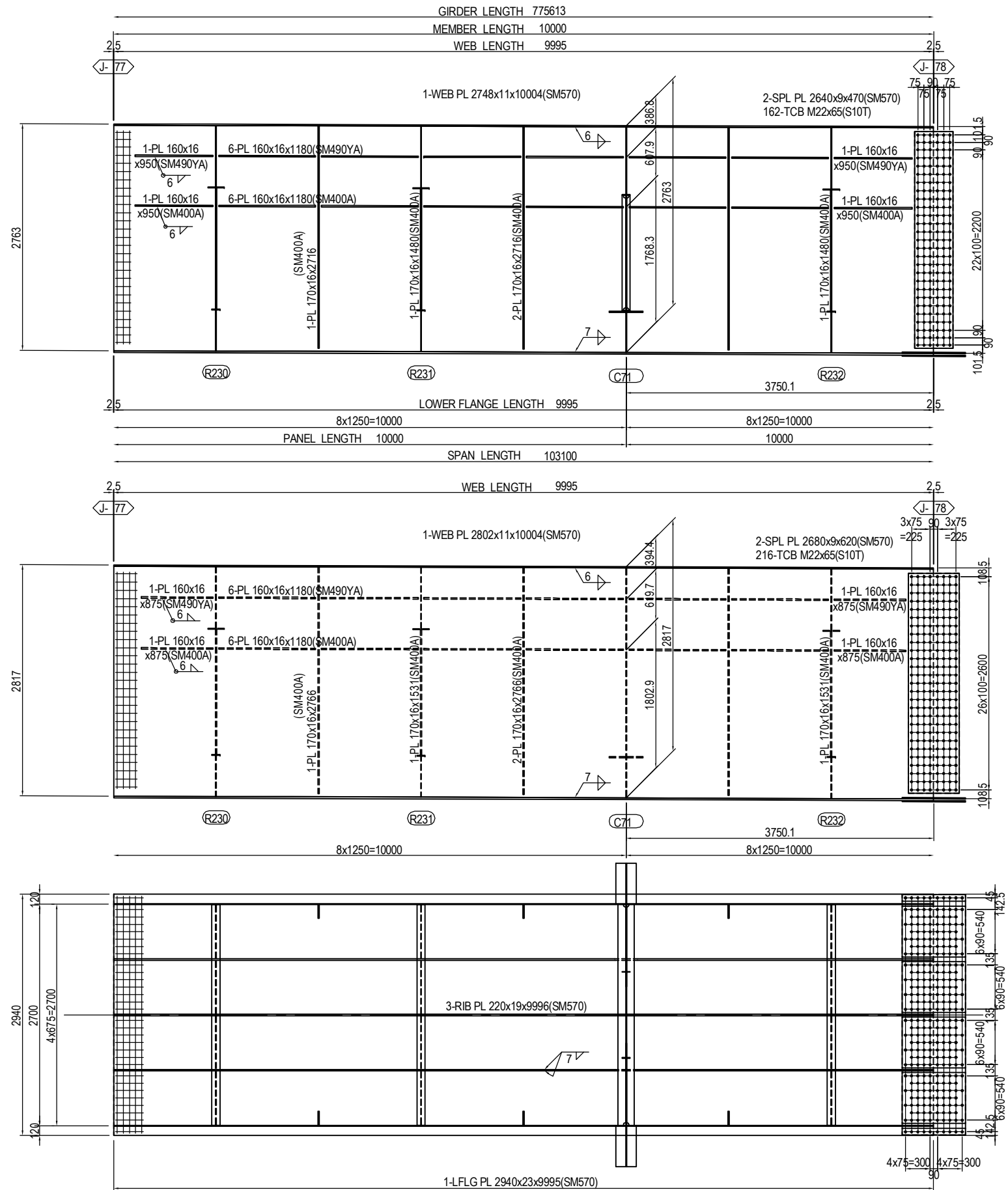
- 2-SPL PL 80x13x770(SM570)
- 4-SPL PL 620x13x770(SM570)
- 1-SPL PL 2930x12x770(SM570)
- 300-TCB M22x85(S10T)



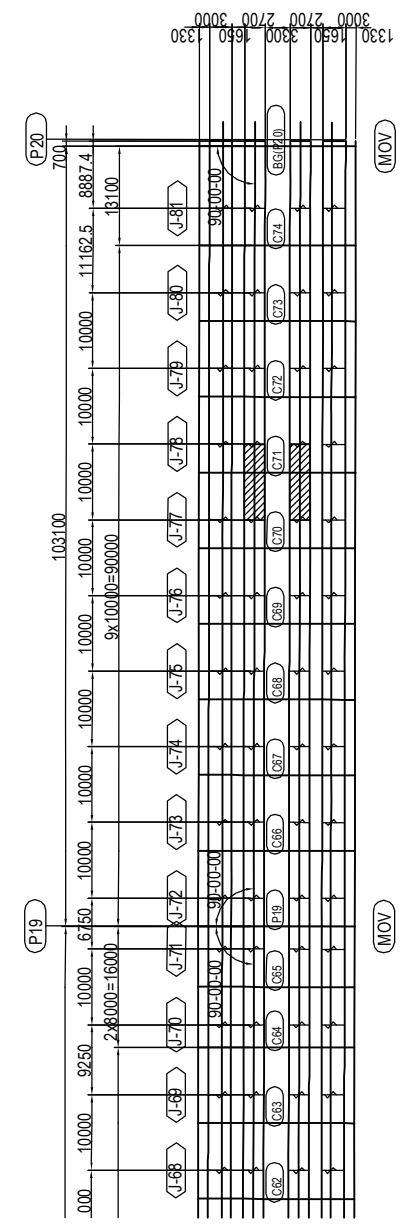
- (RIB PLATE per set)
- 2-SPL PL 160x15x780(SM570)
 - 20-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (77)	PACKAGE 2 DWG No. P2-SB-1277
				CHECKED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (78) S=1:60



MARKING DIAGRAM

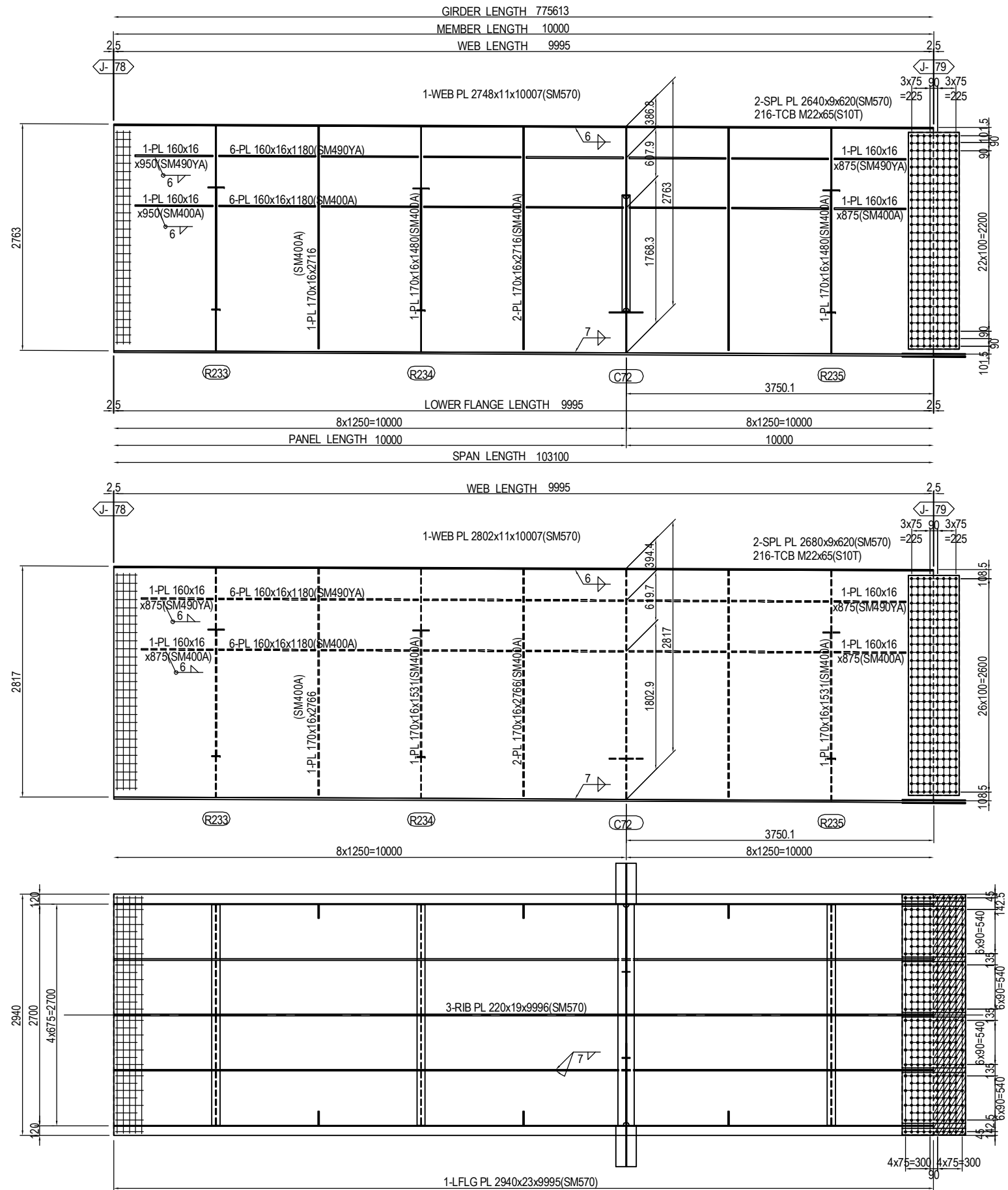


2-SPL PL 80x14x770(SM570)
 4-SPL PL 620x14x770(SM570)
 1-SPL PL 2930x12x770(SM570)
 276-TCB M22x85(S10T)

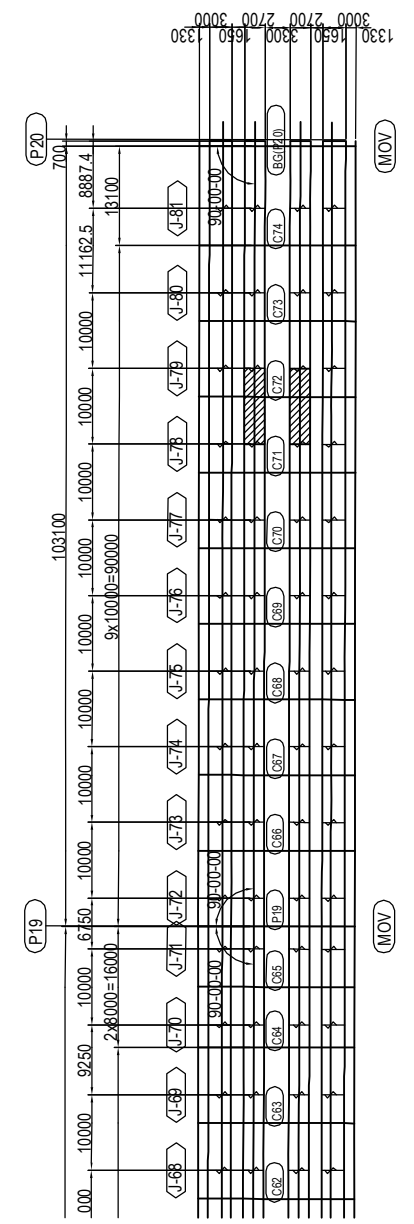
3x75 100 3x75
 =225 =225
 (RIB PLATE per set)
 2-SPL PL 160x14x630(SM570)
 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (78)	PACKAGE 2 DWG No. P2-SB-1278
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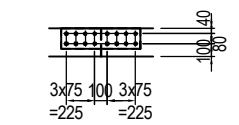
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (79) S=1:60



MARKING DIAGRAM



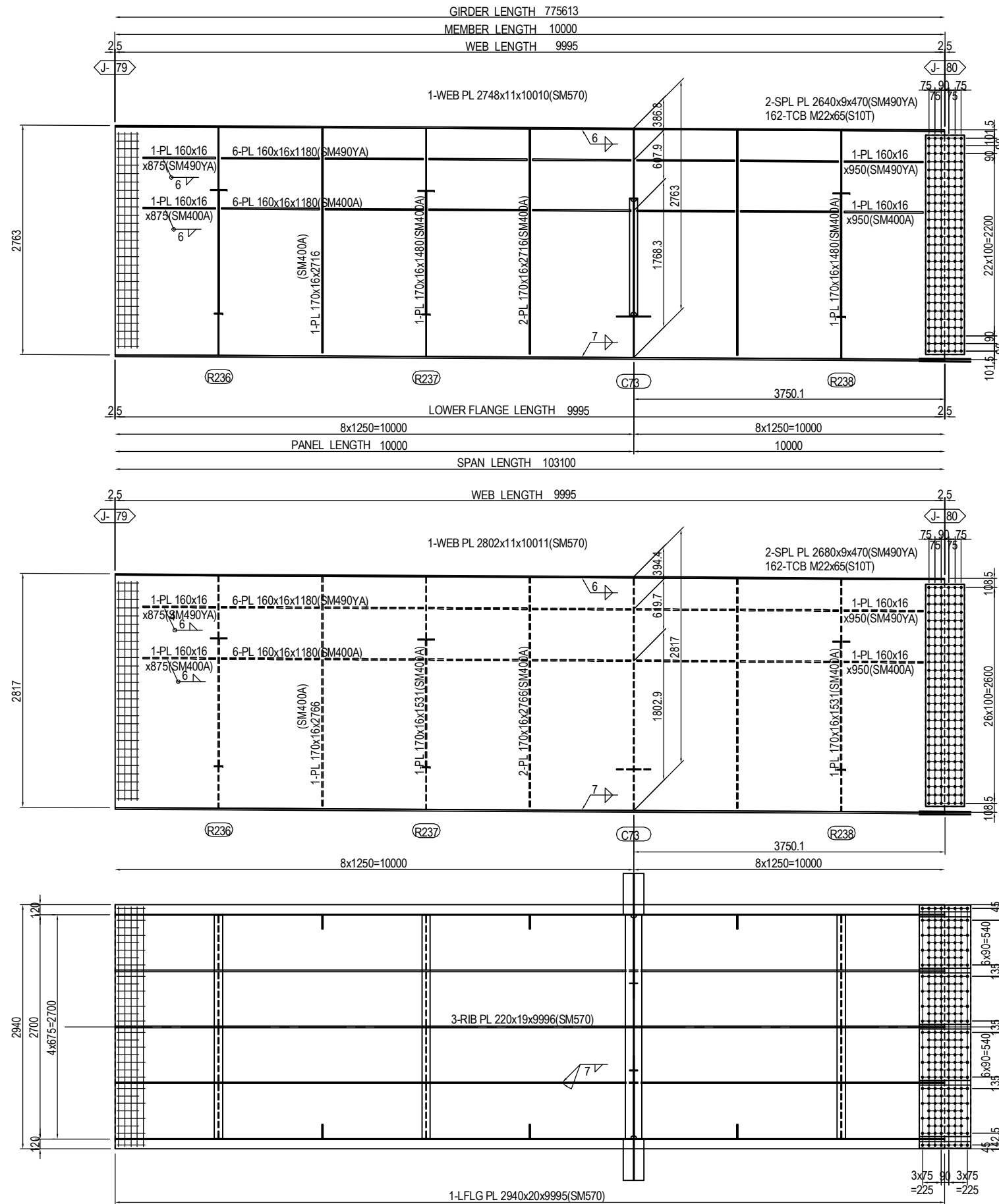
- 2-SPL PL 80x12x770(SM570)
- 4-SPL PL 620x12x770(SM570)
- 1-SPL PL 2930x11x770(SM570)
- 276-TCB M22x85(S10T)
- 1-FILL PL 2930x3.2x383(SS400)



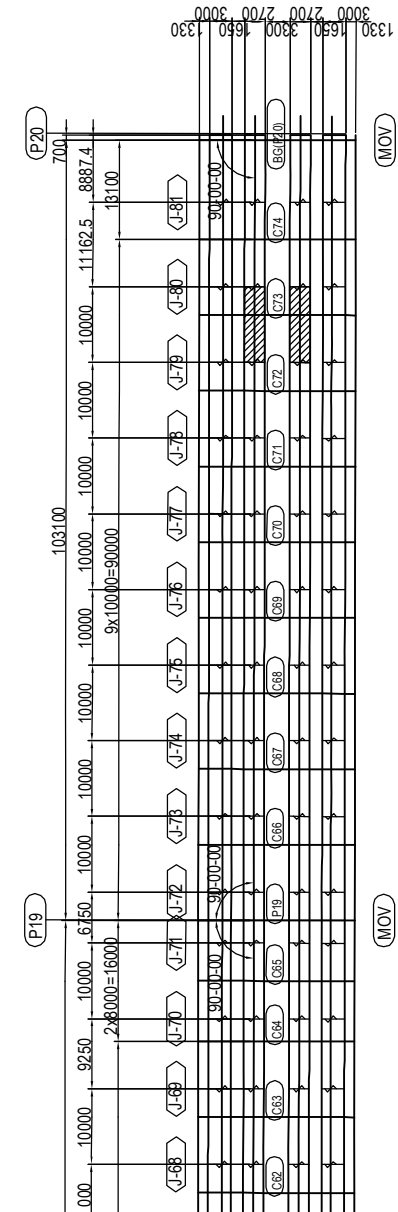
(RIB PLATE per set)
 2-SPL PL 160x14x630(SM570)
 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (79)	PACKAGE 2 DWG No. P2-SB-1279
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

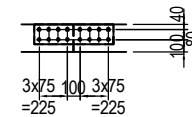
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (80) S=1:60



MARKING DIAGRAM



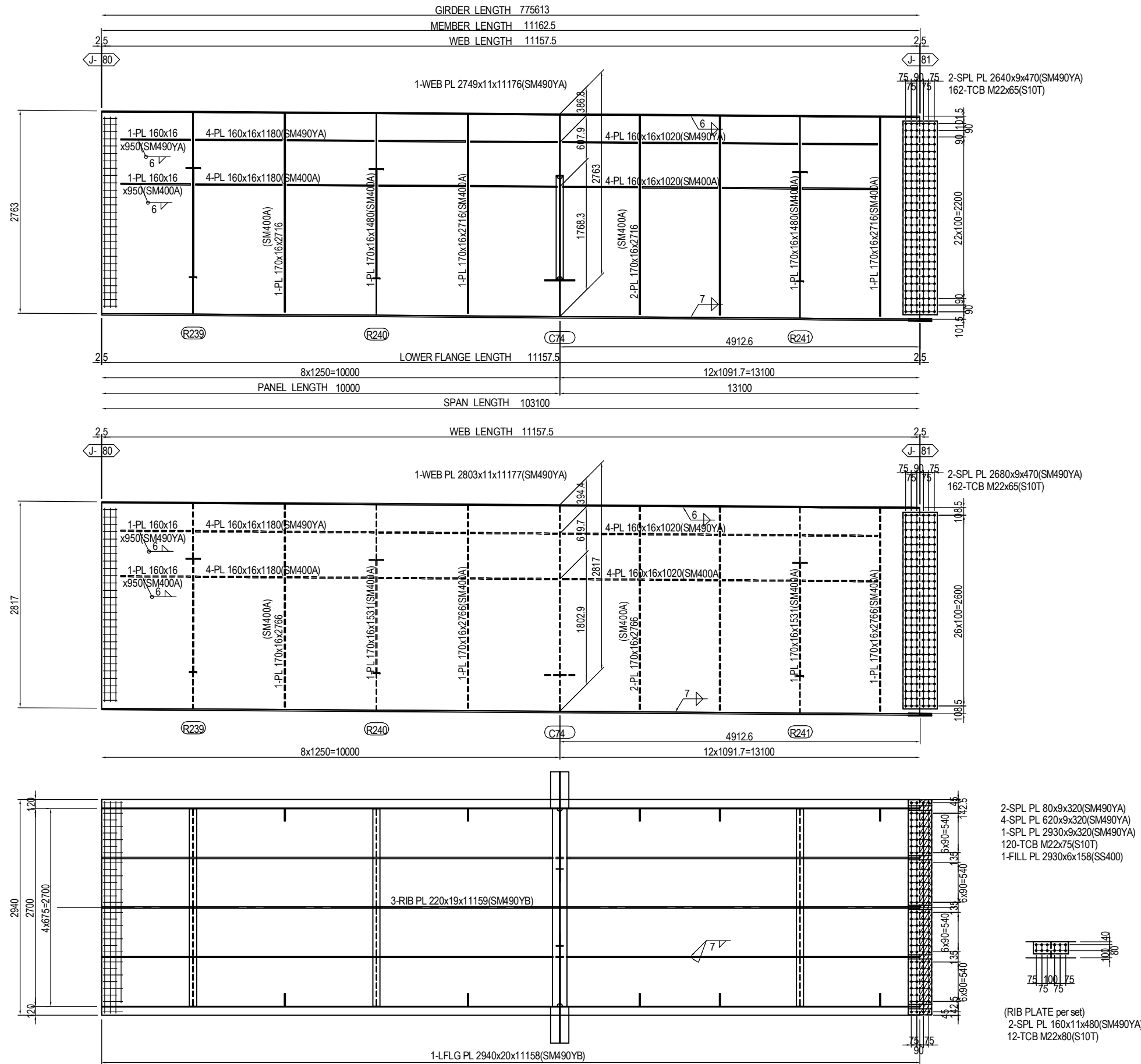
2-SPL PL 80x12x620(SM490YA)
 4-SPL PL 620x12x620(SM490YA)
 1-SPL PL 2930x11x620(SM490YA)
 216-TCB M22x80(S10T)



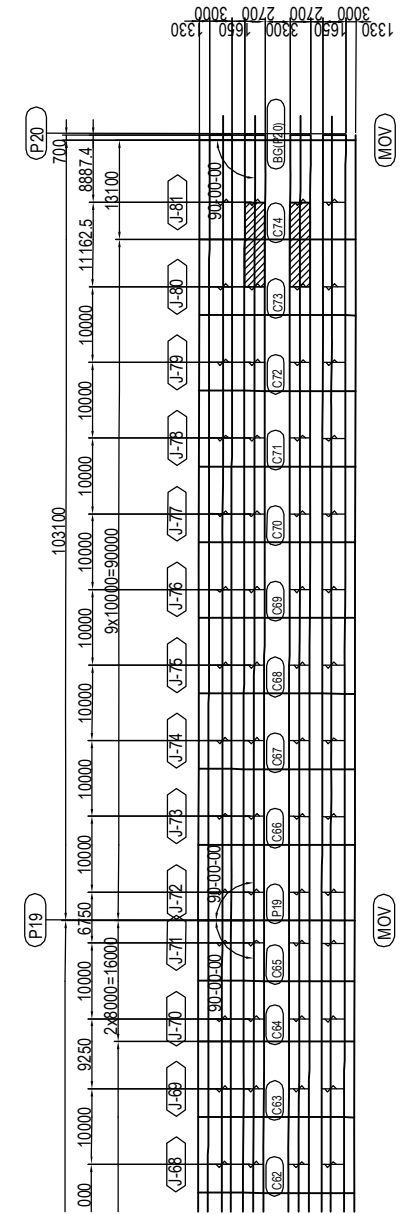
(RIB PLATE per set)
 2-SPL PL 160x14x630(SM490YA)
 16-TCB M22x85(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (80)	PACKAGE 2
				PREPARED BY T. HAYAKAWA	SIGNATURE 	DATE 20 Jun.2017		DWG No.
				APPROVED BY Y. SANO	SIGNATURE 	DATE 21 Jun.2017		P2-SB-1280

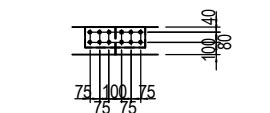
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (81) S=1:60



MARKING DIAGRAM



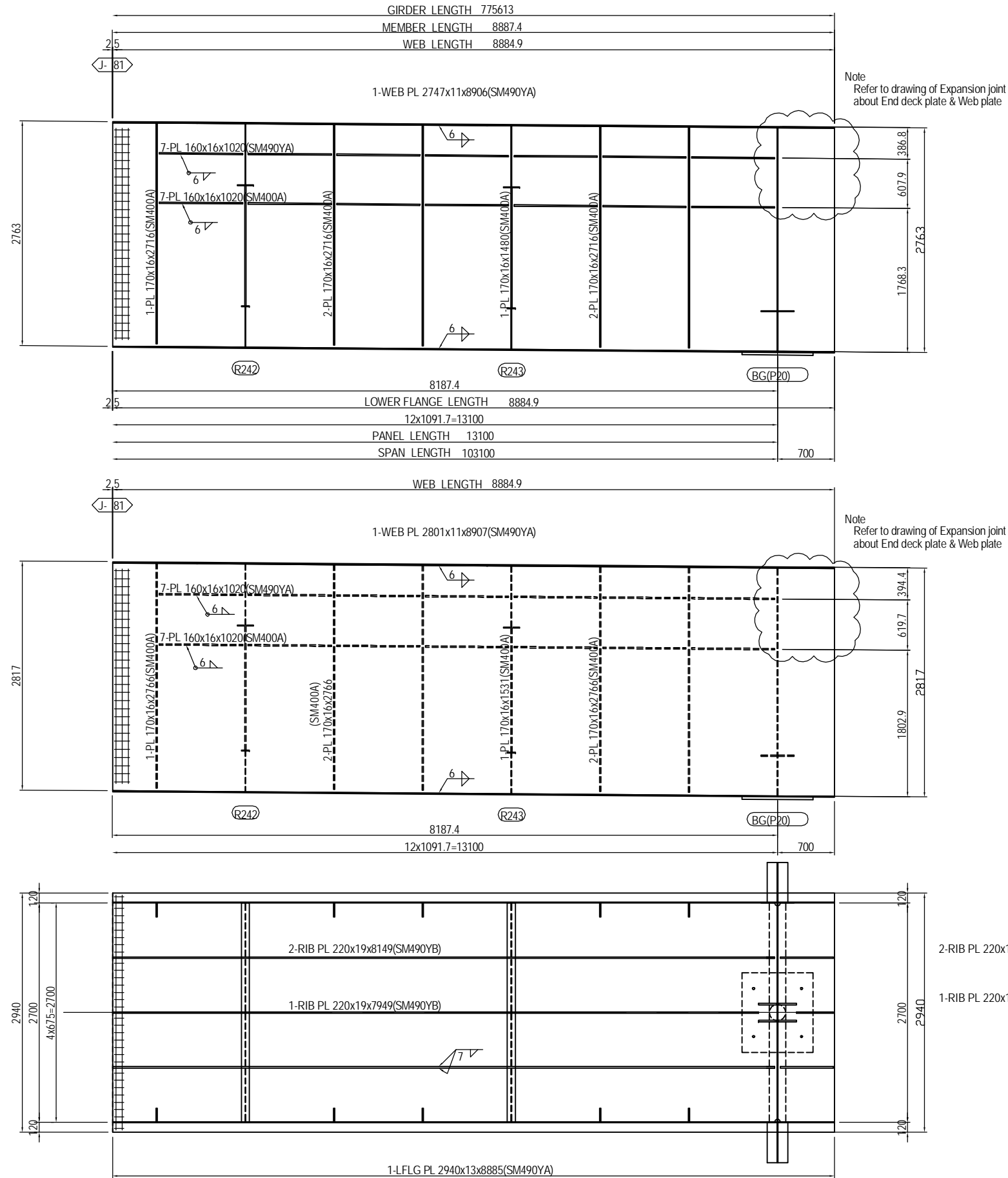
- 2-SPL PL 80x9x320(SM490YA)
- 4-SPL PL 620x9x320(SM490YA)
- 1-SPL PL 2930x9x320(SM490YA)
- 120-TCB M22x75(S10T)
- 1-FILL PL 2930x6x158(SS400)



- (RIB PLATE per set)
- 2-SPL PL 160x11x480(SM490YA)
- 12-TCB M22x80(S10T)

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (81)	PACKAGE 2 DWG No. P2-SB-1281
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

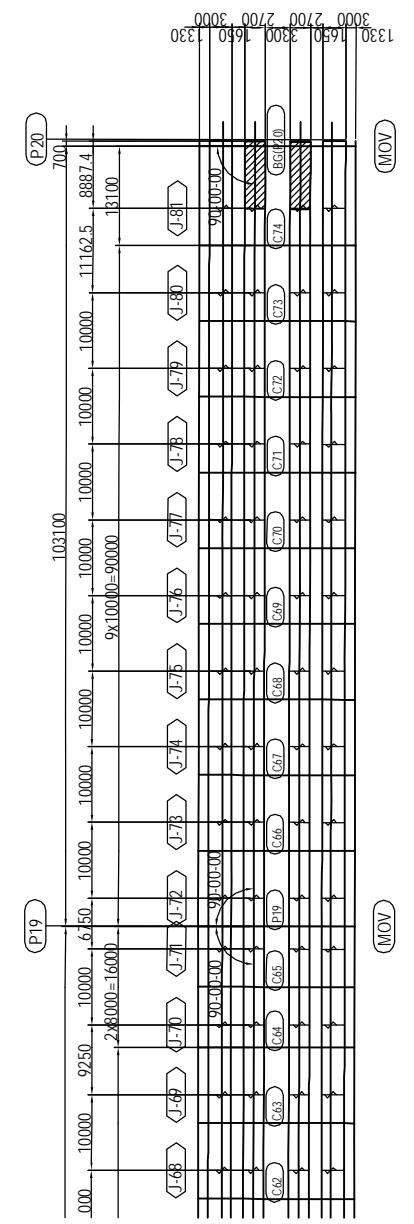
DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (82) S=1:60



Note
Refer to drawing of Expansion joint
about End deck plate & Web plate

Note
Refer to drawing of Expansion joint
about End deck plate & Web plate

MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF MAIN GIRDER G2,G3 (P13-P20) (82)	PACKAGE 2 DWG No. P2-SB-1282
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