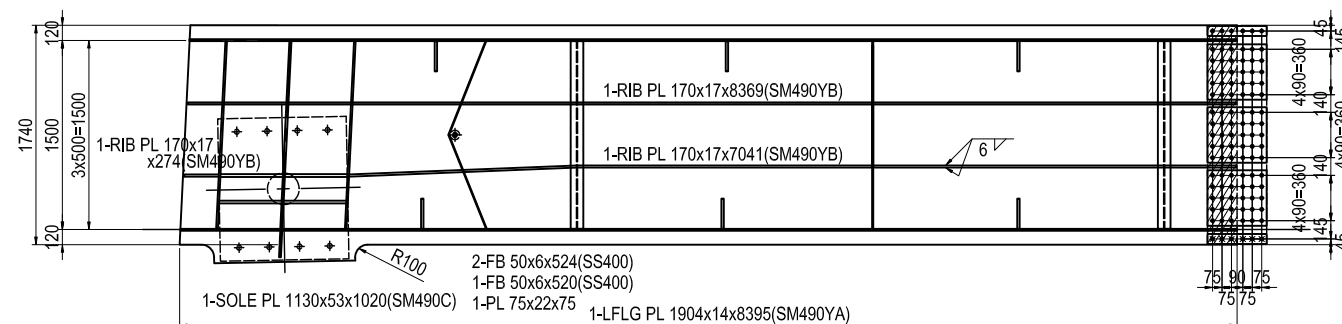
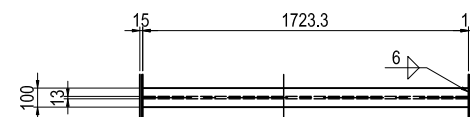
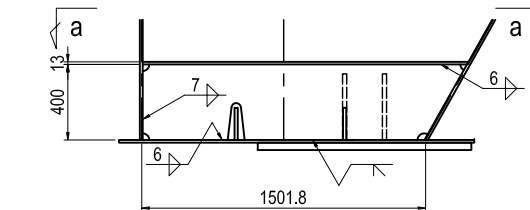
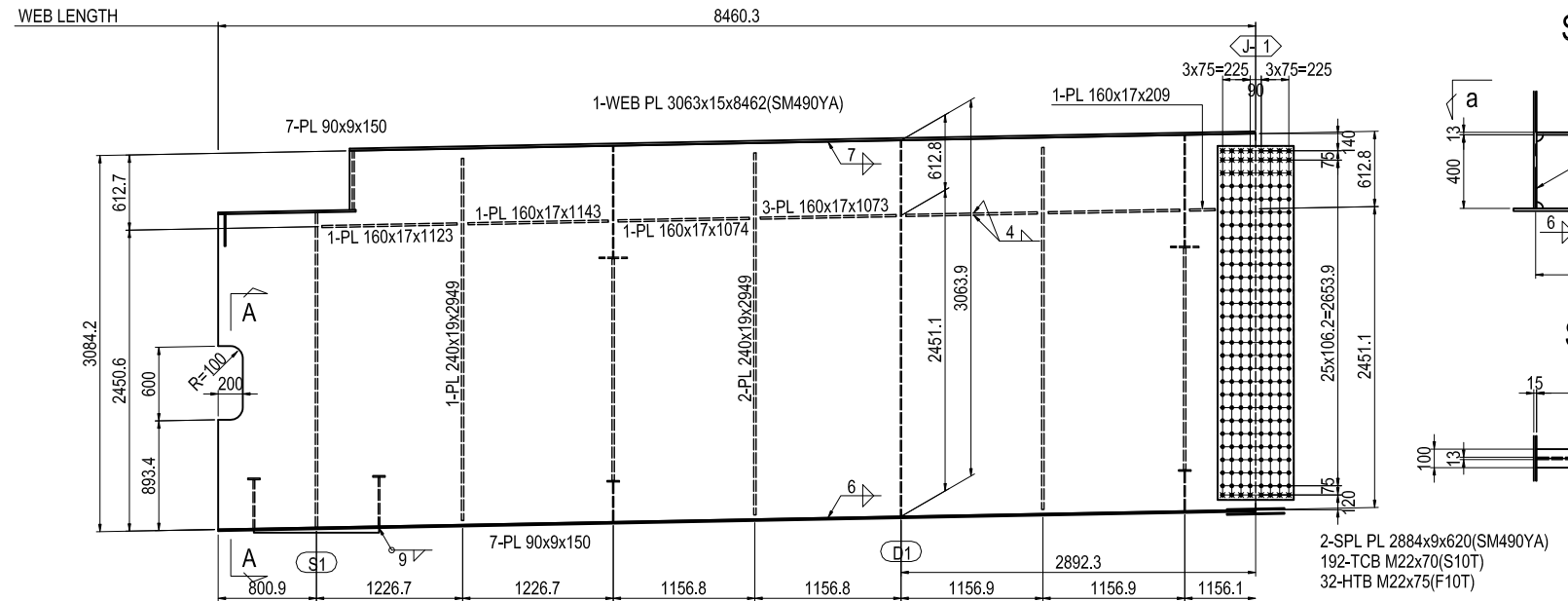
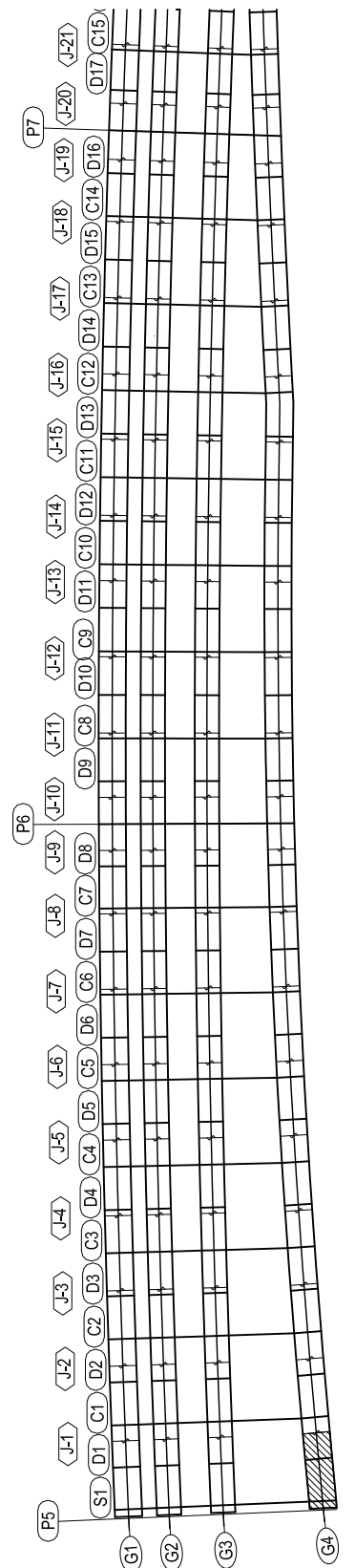


S=1:60



2-SPL PL 100x17x780(SM490YB)
10-TCB M22x95(S10T)
2-FILL PL 100x2.3x380(SS400)



MARKING DIAGRAM

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.   METROPOLITAN EXPRESSWAY COMPANY LIMITED  NIPPON ENGINEERING CONSULTANTS CO. LTD.		NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF GIRDER G4 (1)	PACKAGE
				PREPARED BY	S. IMADA		27 Nov.2017		1
				CHECKED BY	T. HAYAKAWA		28 Nov.2017		DWG No.
				APPROVED BY	Y. SANO		29 Nov.2017		P1-SB-1401

S=1:60



PANEL SPACING

SPAN LENGTH

WEB LENGTH



LATE

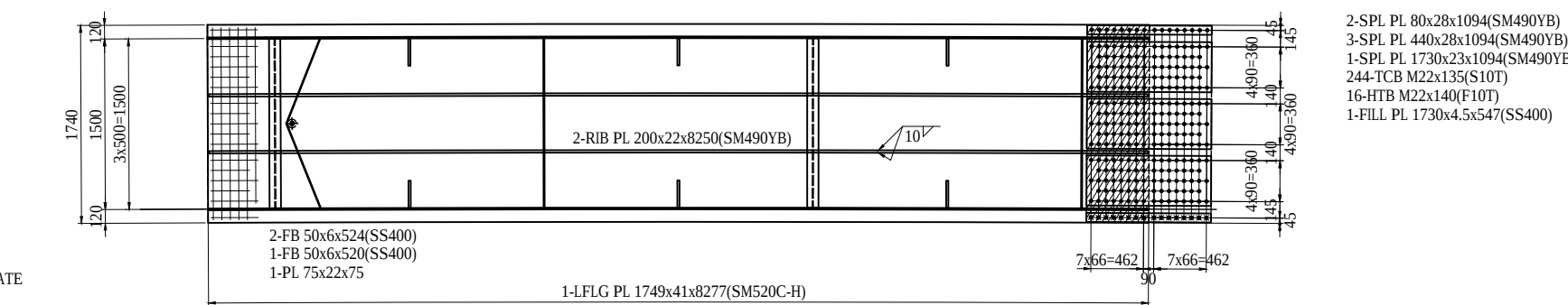
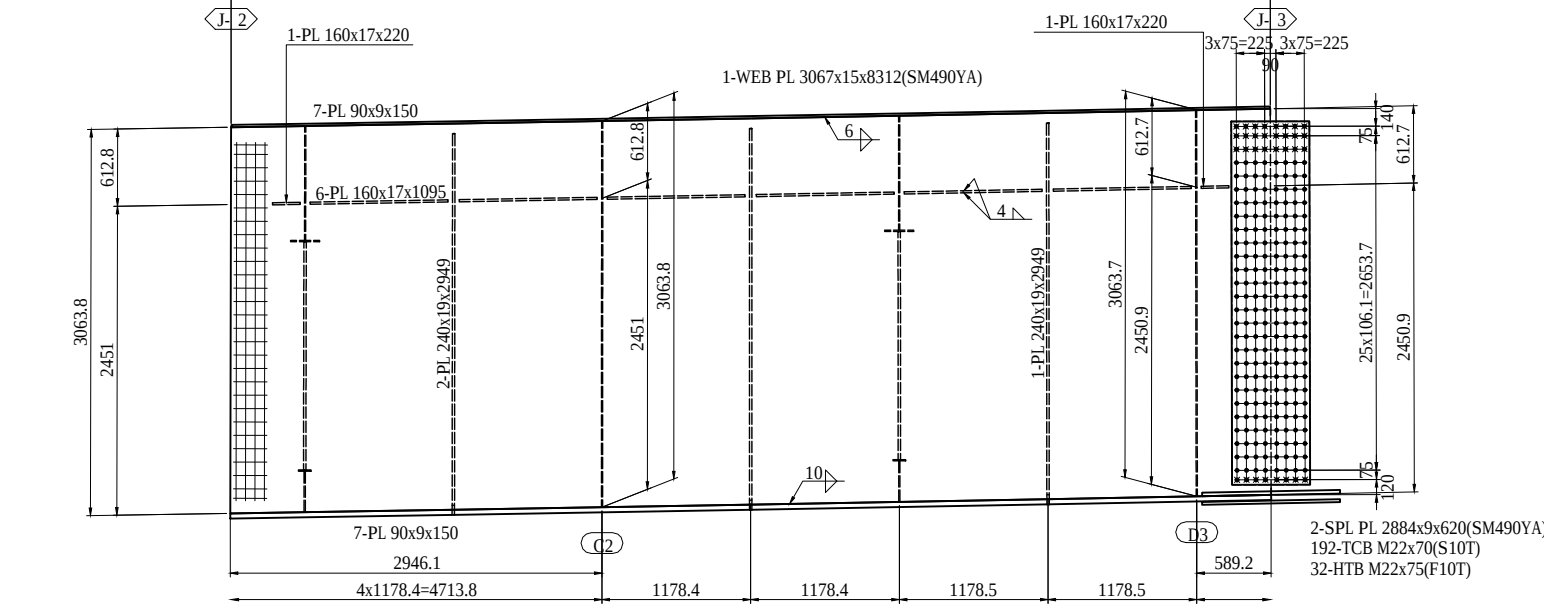
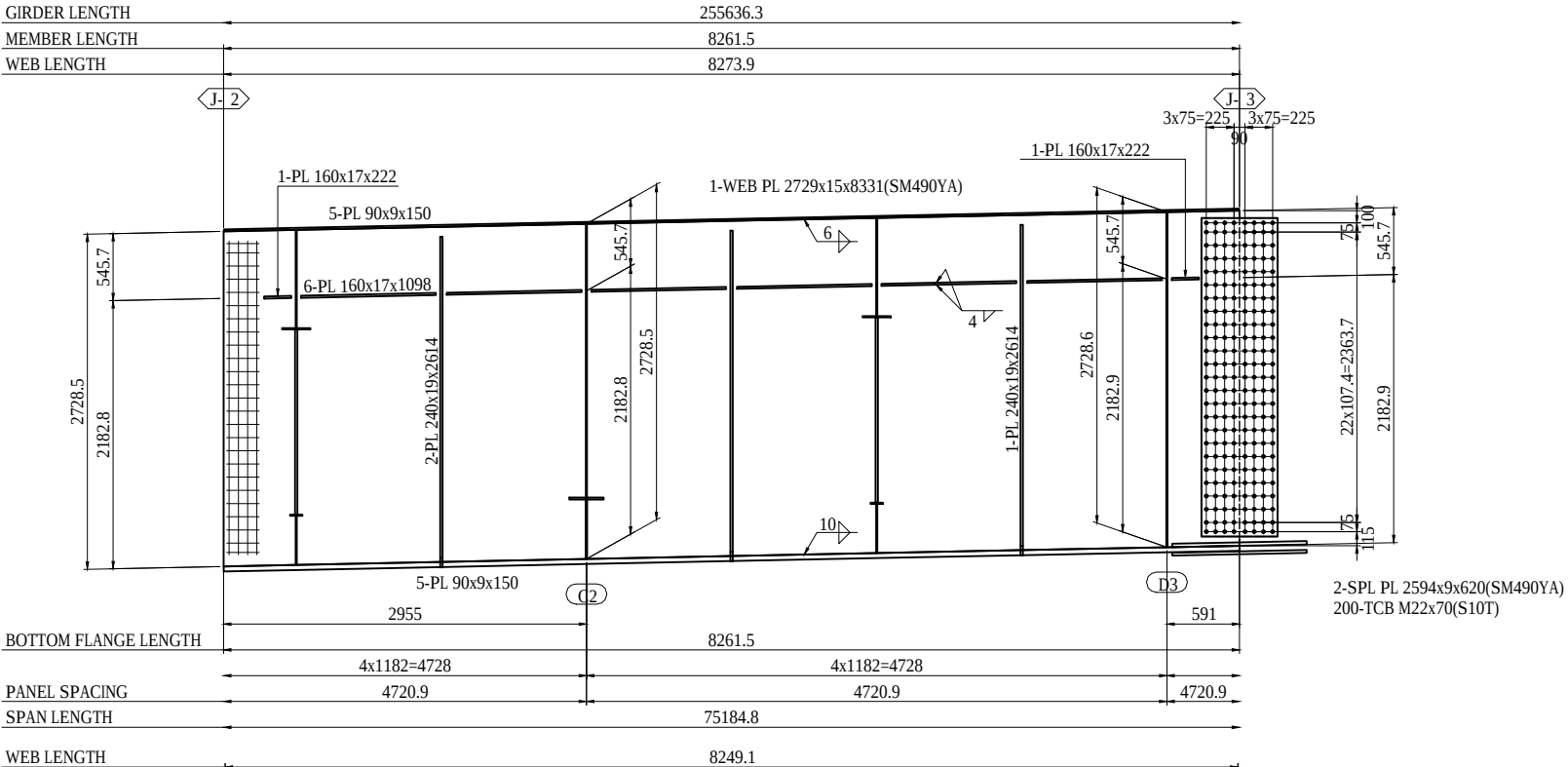
1-LFLG PL 1748x28x8239(SM490YB)

2-SPL PL 120x21x1090(SM490YB)
16-TCB M22x100(S10T)

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

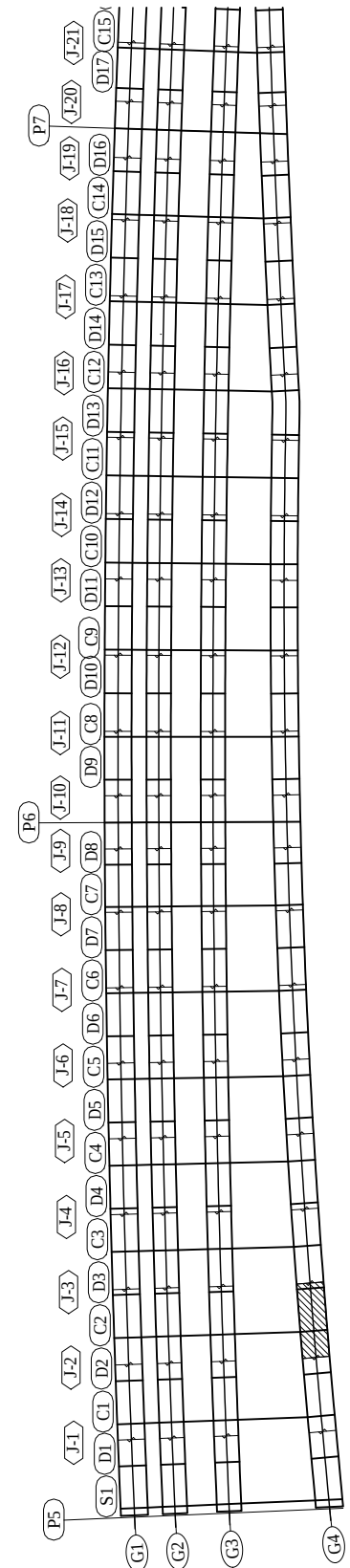
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM		NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY	 REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (2)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1402

DETAIL OF GIRDER G4 (3) S=1:60



NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

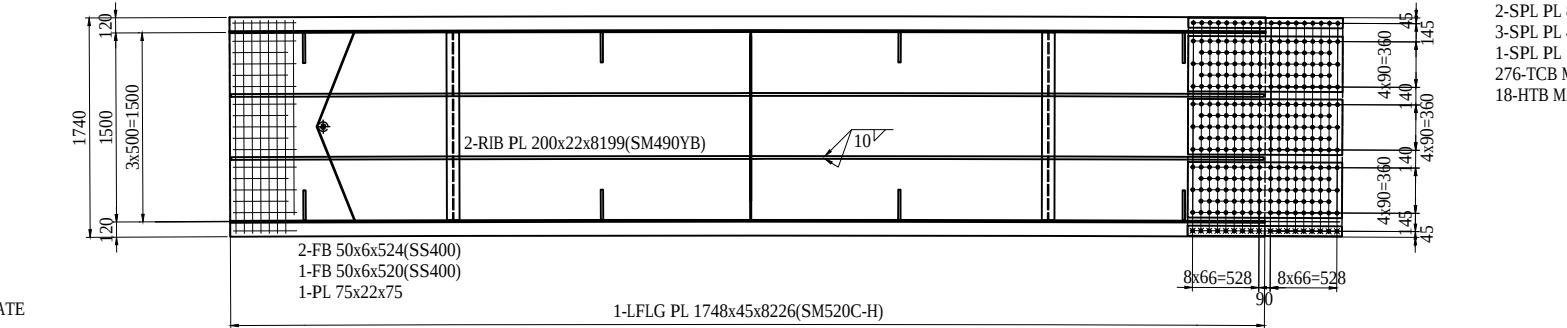
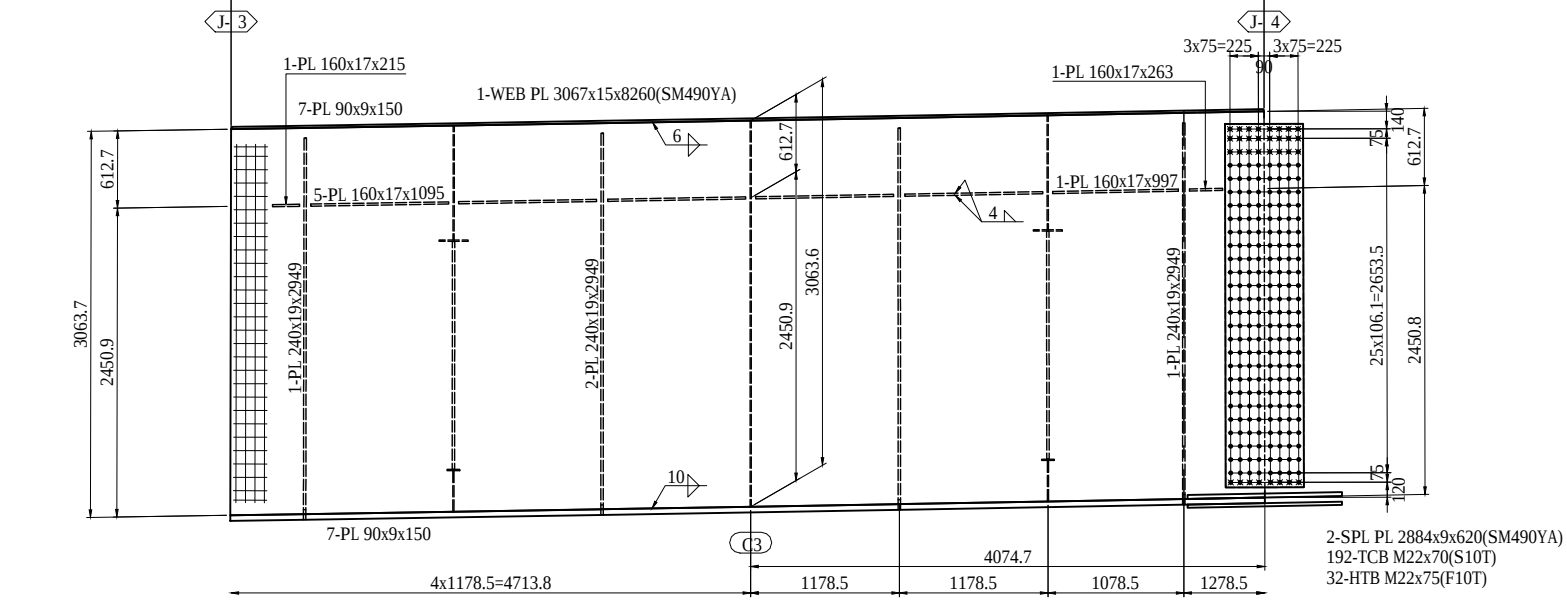
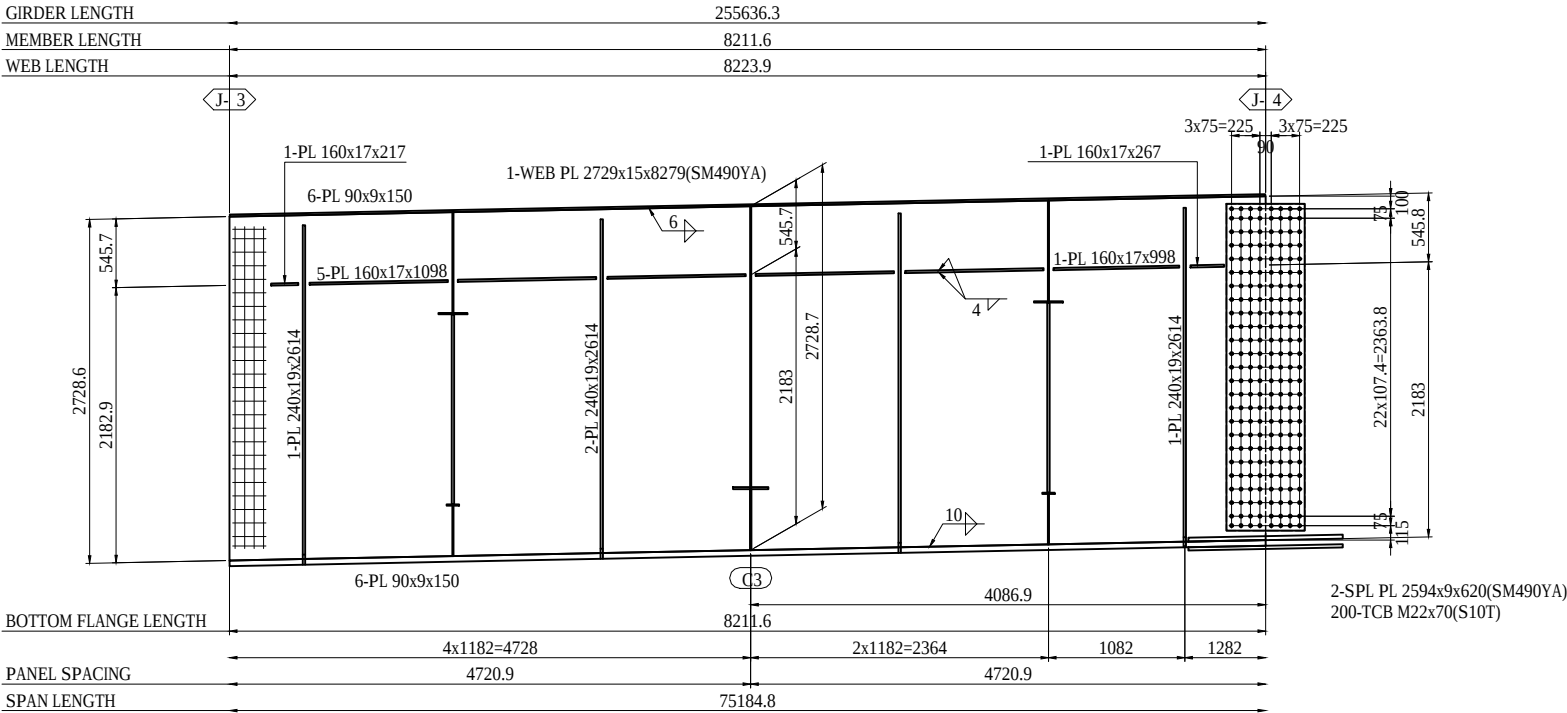
MARKING DIAGRAM



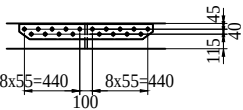
NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
PREPARED BY S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (3)	1
CHECKED BY T. HAYAKAWA		3 Oct.2017		DWG No.
APPROVED BY Y. SANO		6 Oct.2017		P1-SB-1403

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.
---	--	---	--

DETAIL OF GIRDER G4 (4) S=1:60

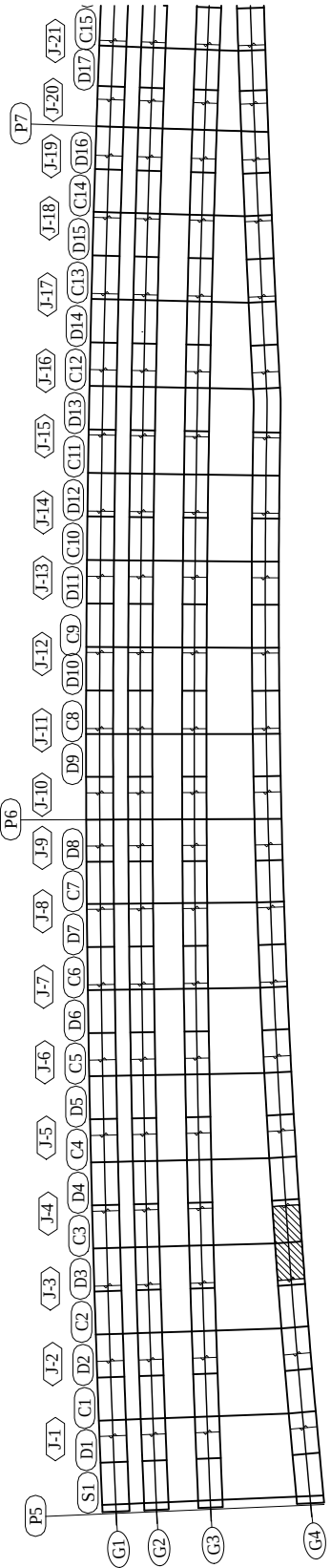


2-SPL PL 80x31x1226(SM490YB)
3-SPL PL 440x31x1226(SM490YB)
1-SPL PL 1730x25x1226(SM490YB)
276-TCB M22x140(S10T)
18-HTB M22x145(F10T)



2-SPL PL 120x22x1060(SM490YB)
18-TCB M22x105(S10T)

MARKING DIAGRAM

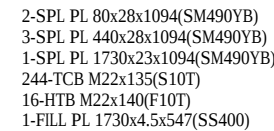


NOTES:

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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 T. HAYAKAWA DATE 29 Sept.2017 3 Oct.2017 6 Oct.2017	DRAWING TITLE DETAIL OF GIRDER G4 (4)	PACKAGE 1 DWG No. P1-SB-1404
---	--	---	--	--	--	---------------------------------------

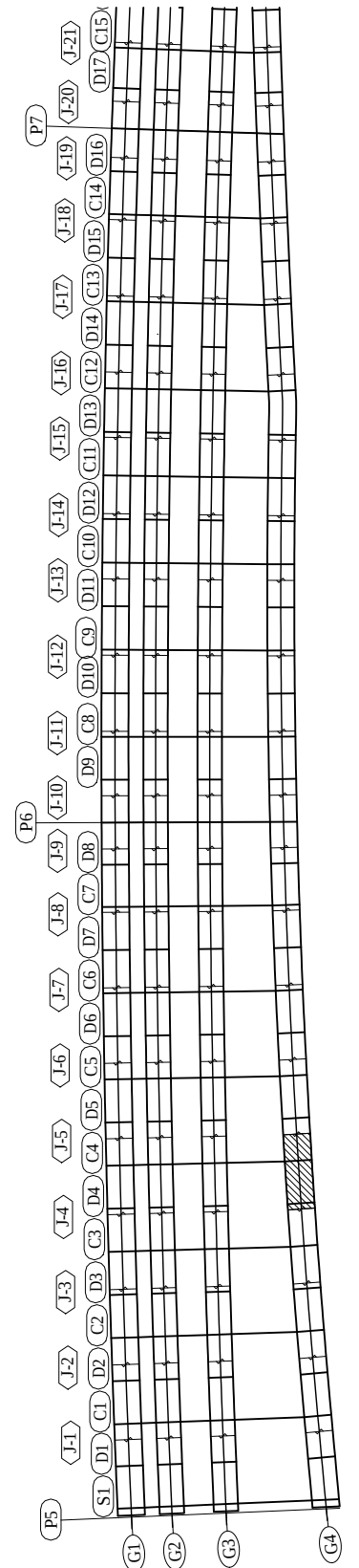
S=1:60



2-SPL PL 120x21x1090(SM490YB)
16-TCB M22x100(S10T)

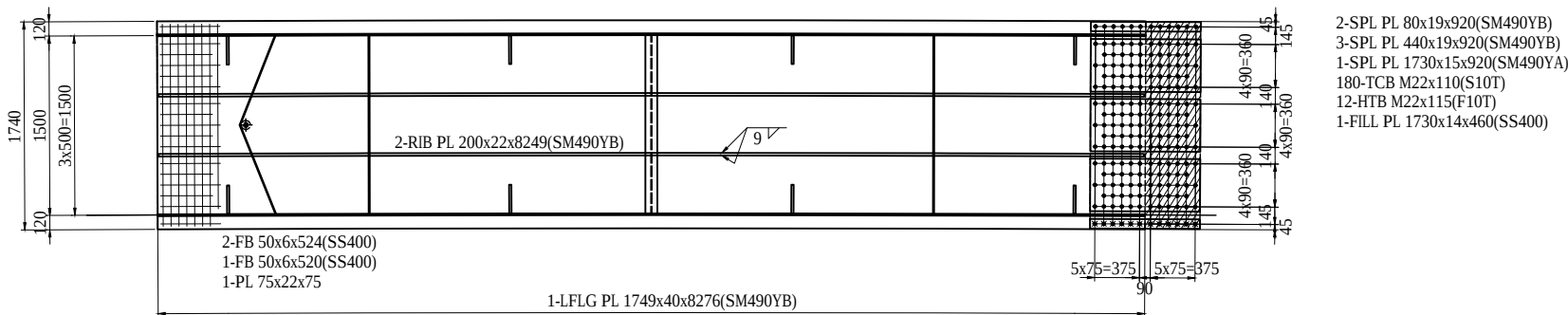
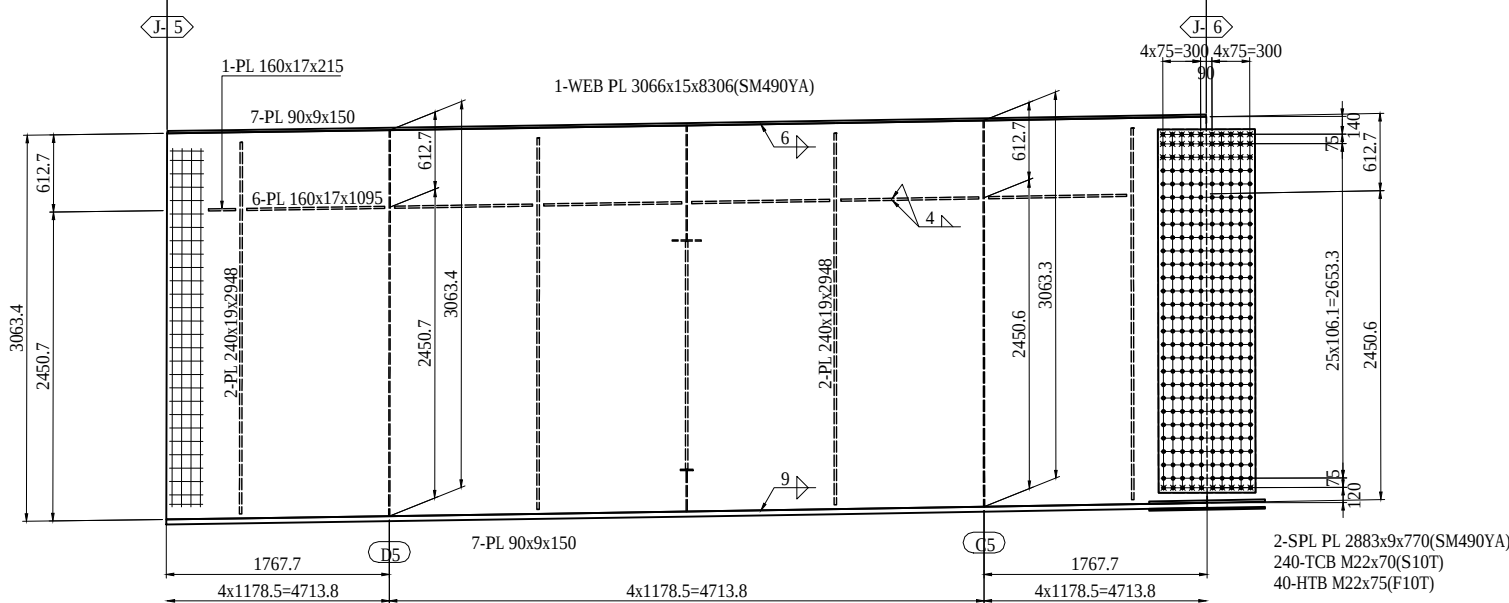
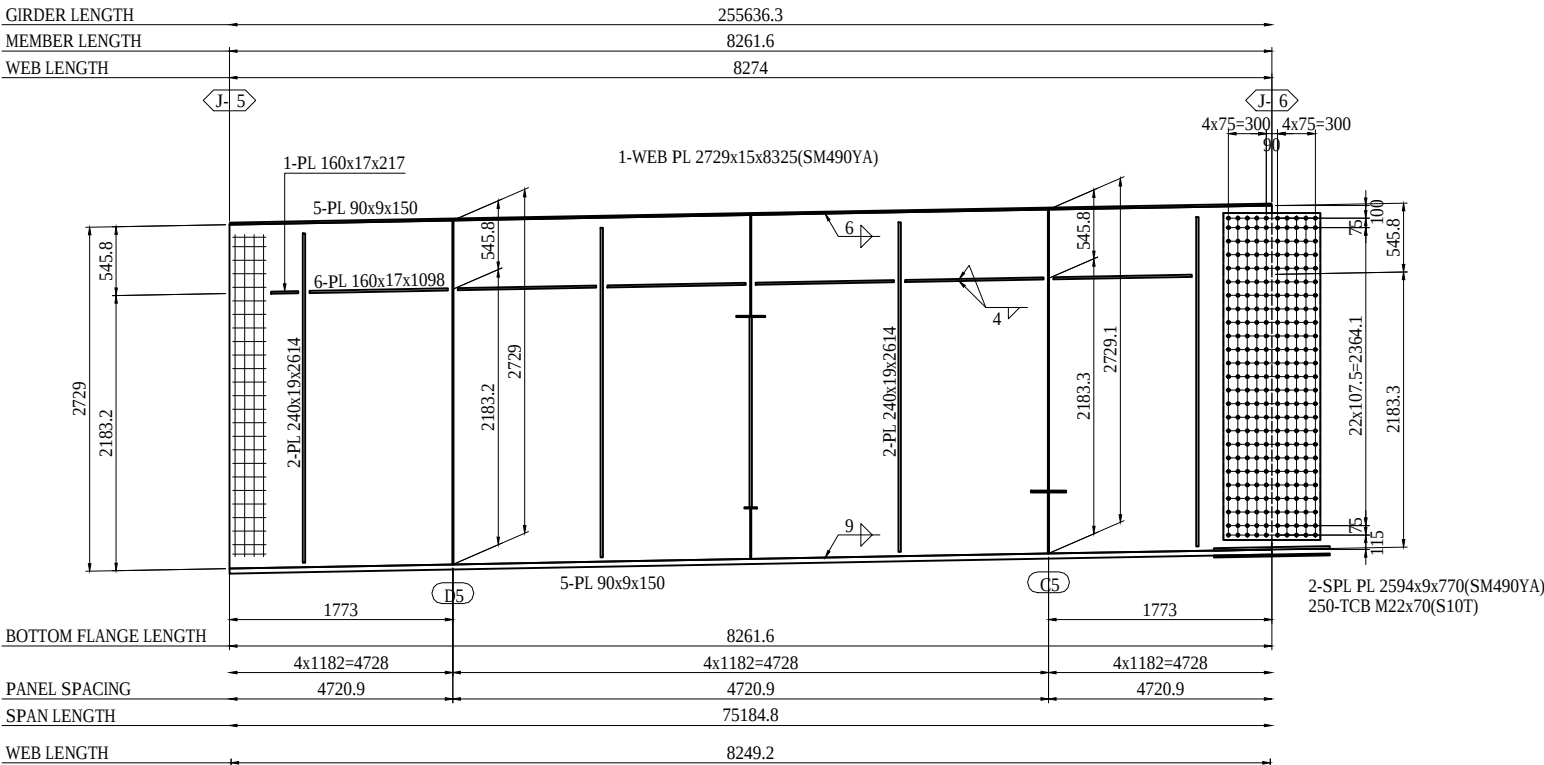
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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	山田 昌平	29 Sept.2017	DETAIL OF GIRDER G4 (5)	1
				CHECKED BY	T. HAYAKAWA	平川 知邦	3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO	佐野 祐一	6 Oct.2017		P1-SB-1405

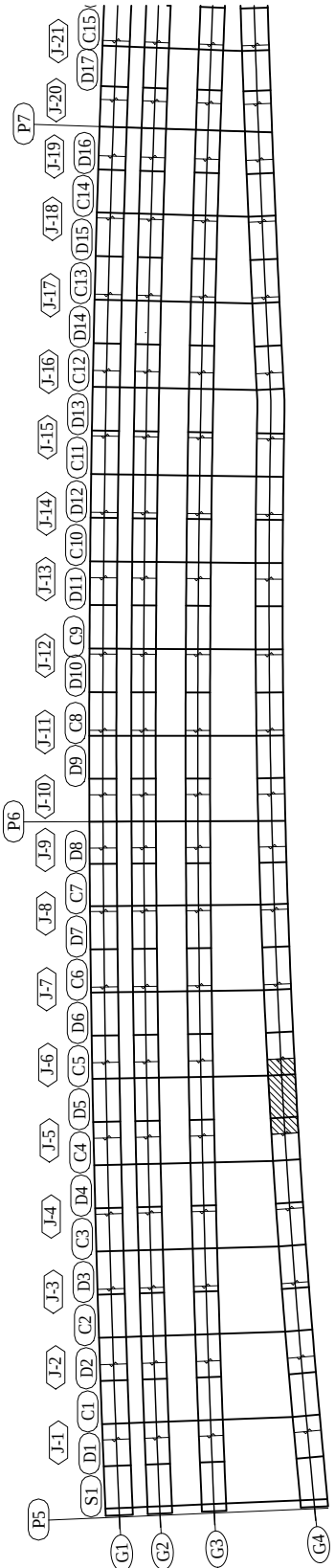
DETAIL OF GIRDER G4 (6) S=1:60



NOTES:

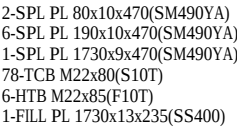
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

MARKING DIAGRAM



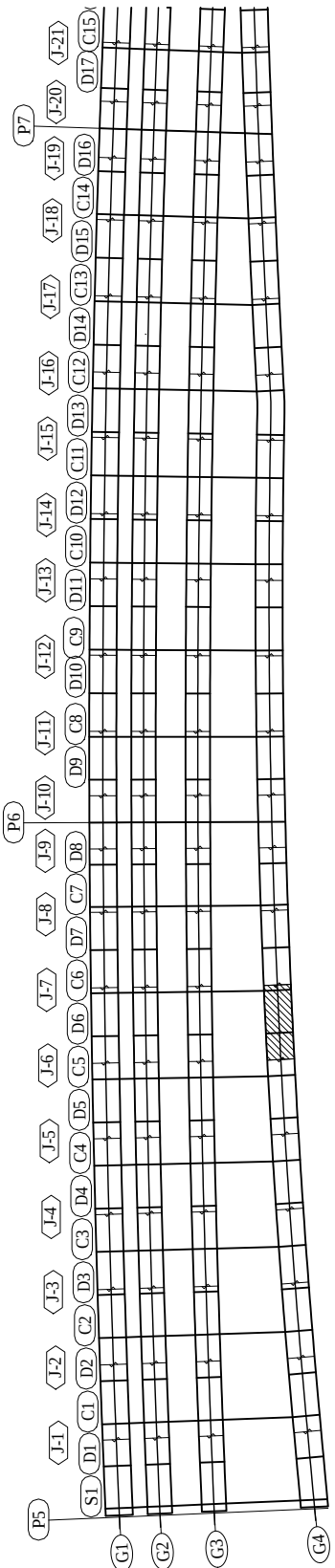
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF GIRDER G4 (6)	1 DWG No. P1-SB-1406

S=1:60



2-SPL PL 100x17x630(SM490YB)
 8-TCB M22x95(S10T)
 2-FILL PL 100x2.3x305(SS400)

MARKING DIAGRAM



1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

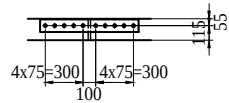
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY  JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART  REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM     NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.		NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF GIRDER G4 (7)	PACKAGE
				PREPARED BY	S. IMADA		29 Sept.2017		1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1407

S=1:60



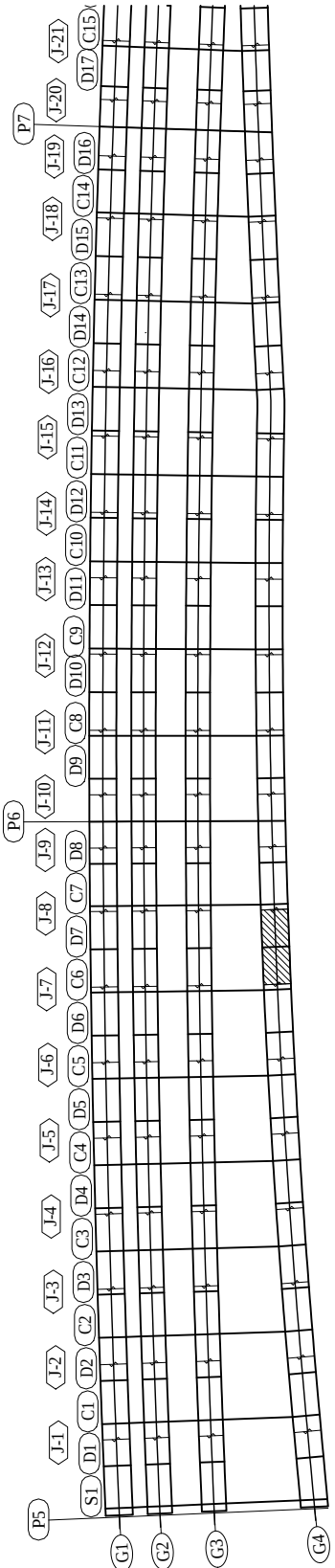
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

2-SPL PL 80x10x470(SM490YA)
6-SPL PL 190x10x470(SM490YA)
1-SPL PL 1730x9x470(SM490YA)
78-TCB M22x70(S10T)
6-HTB M22x75(F10T)
1-FILL PL 1730x2.3x235(SS400)



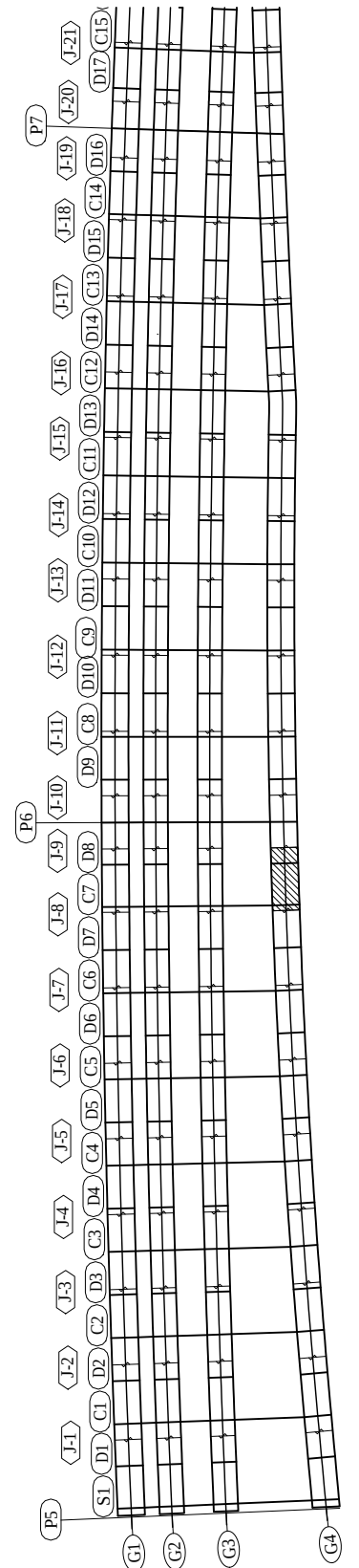
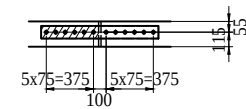
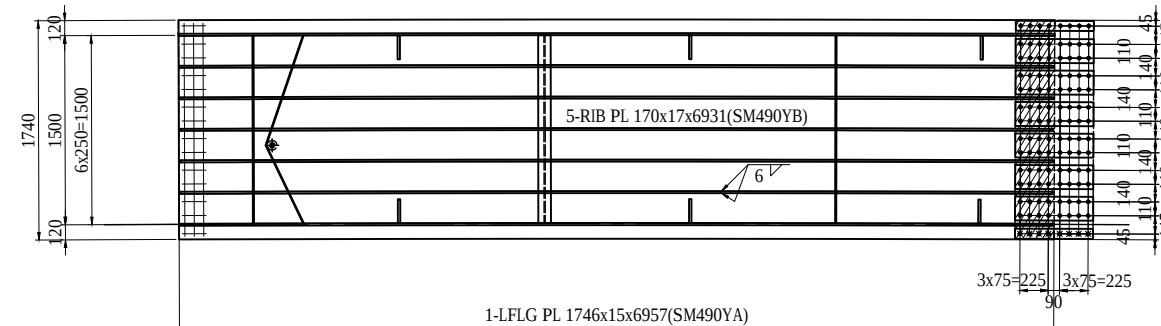
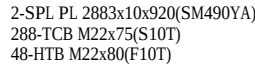
2-SPL PL 100x17x780(SM490YB)
10-TCB M22x90(S10T)

MARKING DIAGRAM



PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM		NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	 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		29 Sept.2017	DETAIL OF GIRDER G4 (8)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1408

S=1:60



MARKING DIAGRAM

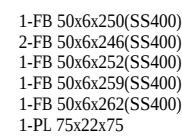
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.					DETAIL OF GIRDER G4 (9)	1
				PREPARED BY	S. IMADA		29 Sept.2017		DWG No.
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		P1-SB-1409
				APPROVED BY	Y. SANO		6 Oct.2017		

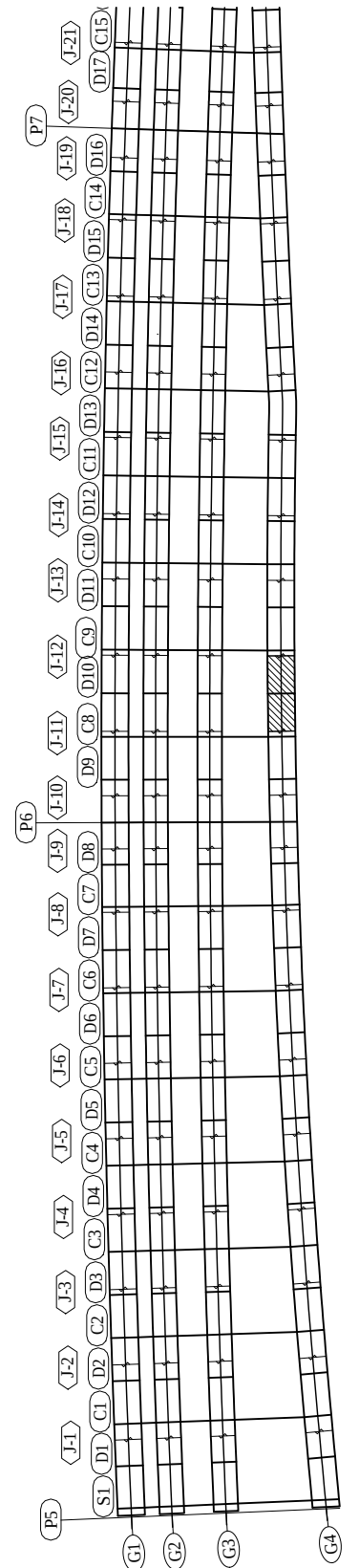
S=1:60

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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (10)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1410

S=1:60



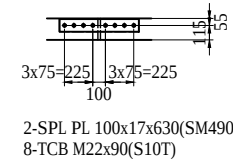
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A



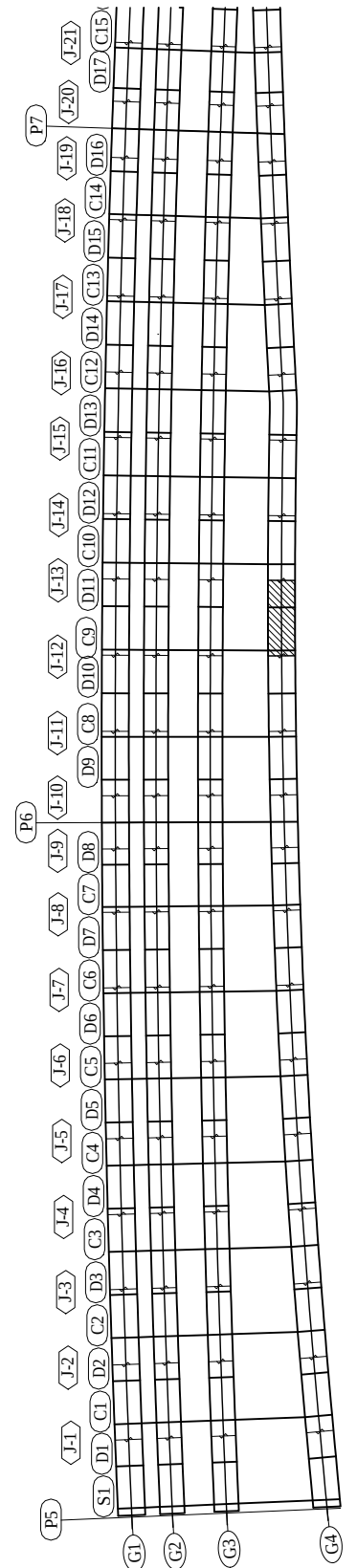
MARKING DIAGRAM

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		29 Sept.2017	DETAIL OF GIRDER G4 (12)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1412

S=1:60



MARKING DIAGRAM

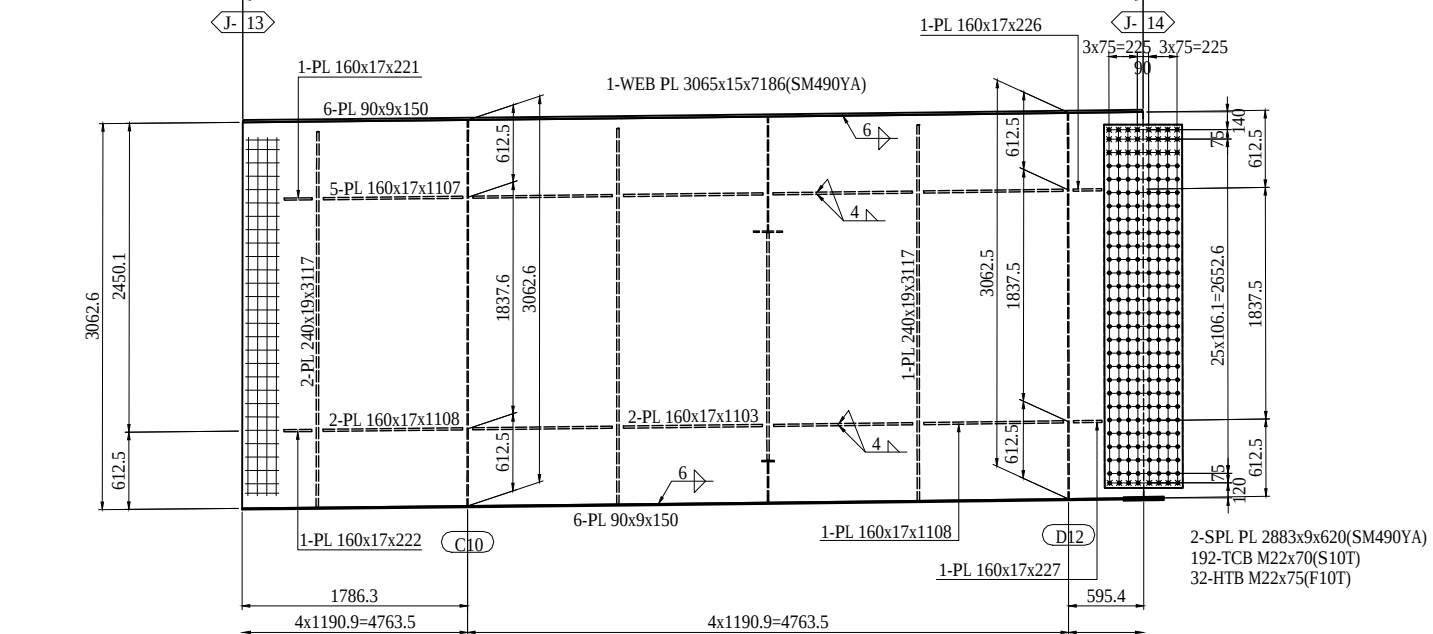


NOTES:

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (13)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1413

S=1:60



5-RIB PL 170x17x7142(SM490YB)

1-LFLG PL 1746x10x7168(SM490YA)

6x250=1500

1740

120

1500

120

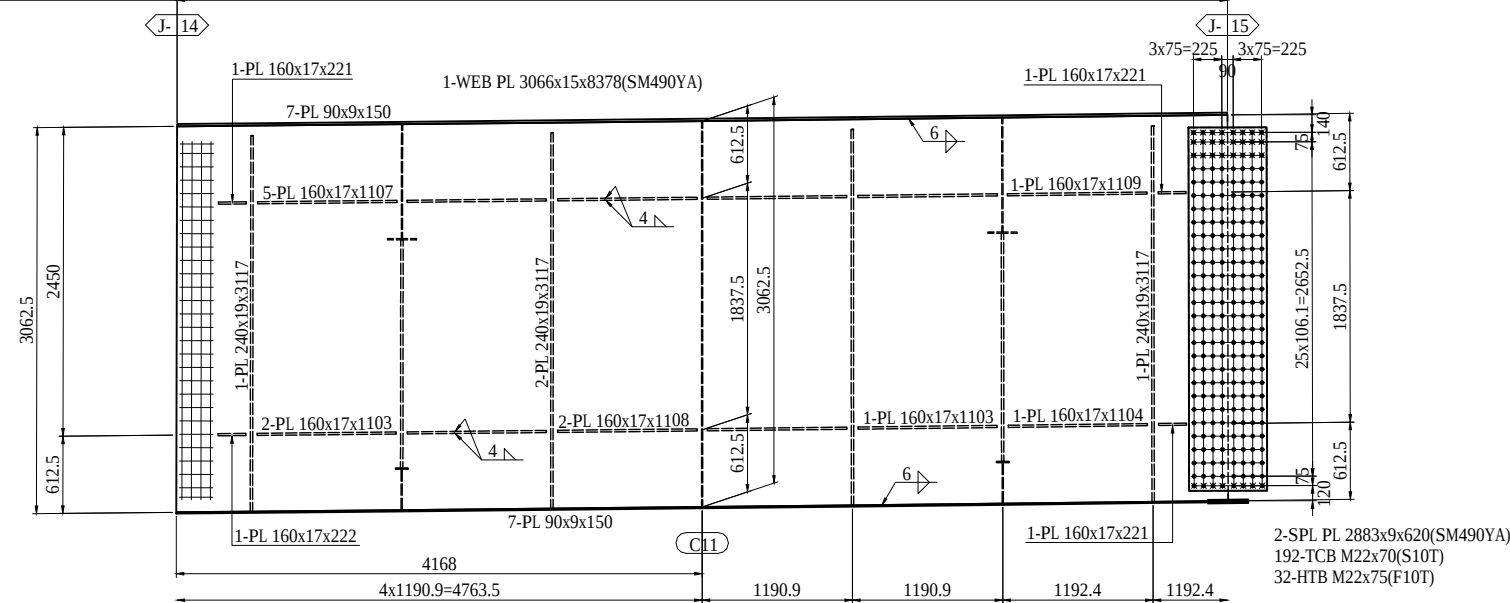
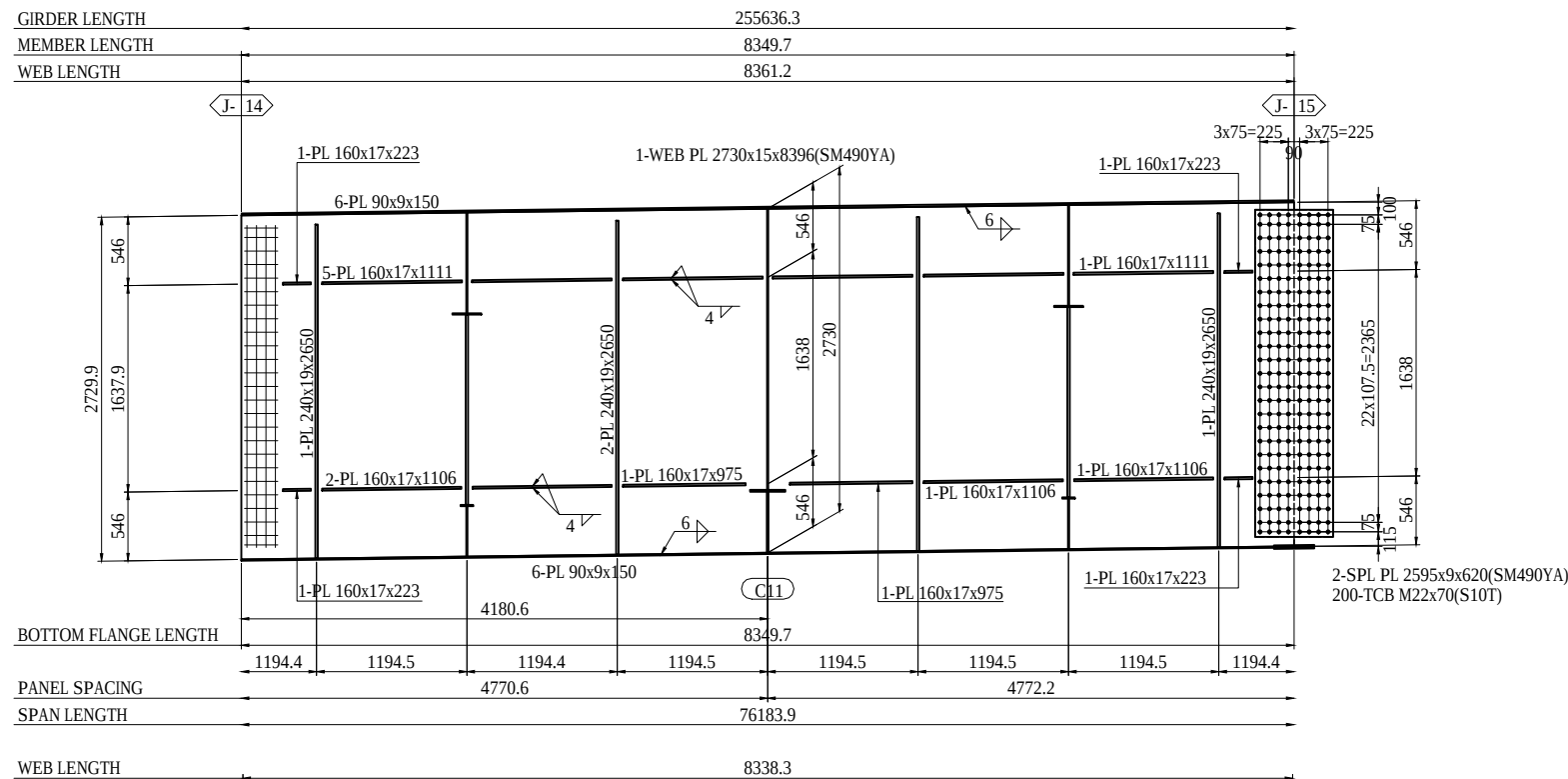
6

45	140	110	140	110	45
15	110	40	110	15	

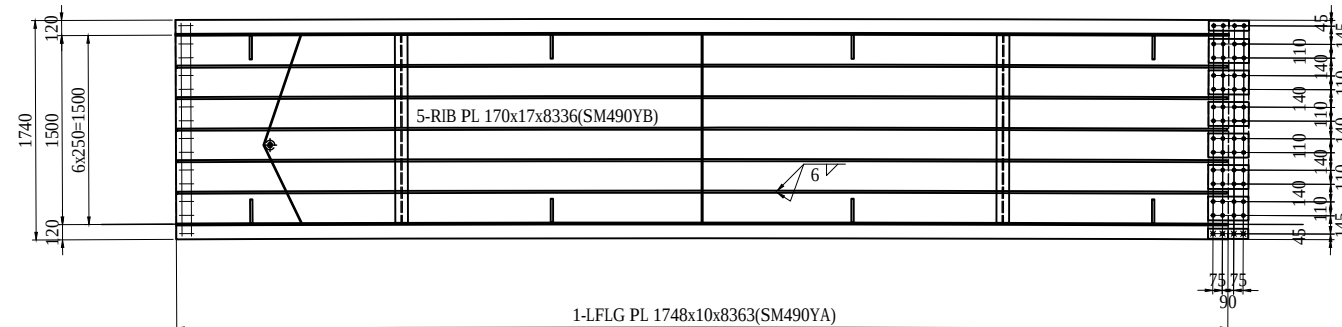
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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	  	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF GIRDER G4 (14)	1 DWG No. P1-SB-1414

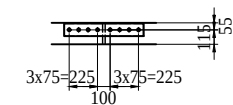
DETAIL OF GIRDER G4 (15) S=1:60



1-FB 50x6x250(SS400)
 2-FB 50x6x246(SS400)
 1-FB 50x6x252(SS400)
 1-FB 50x6x259(SS400)
 1-FB 50x6x262(SS400)
 1-PL 75x22x75

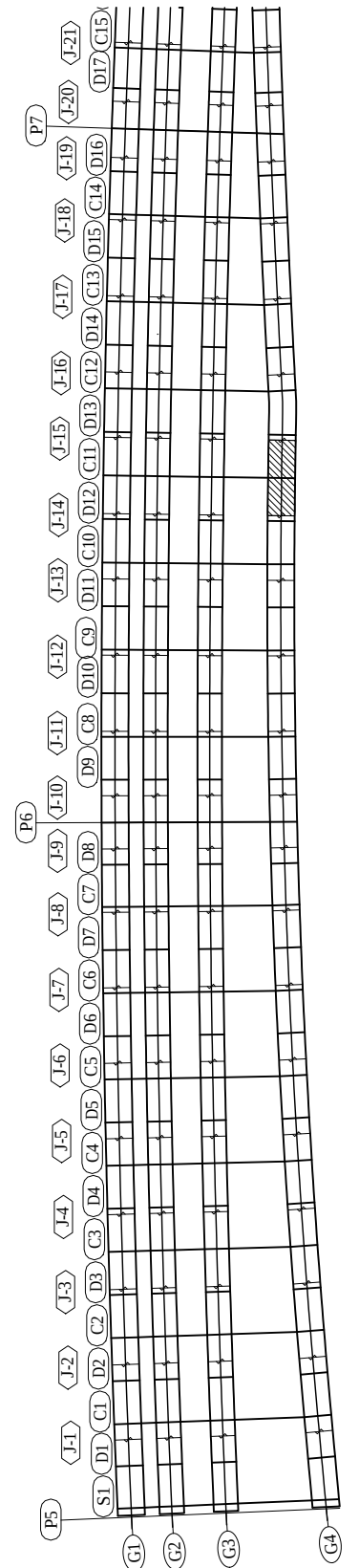


2-SPL PL 80x9x320(SM490YA)
 6-SPL PL 190x9x320(SM490YA)
 1-SPL PL 1730x9x320(SM490YA)
 52-TCB M22x65(S10T)
 4-HTB M22x70(F10T)



2-SPL PL 100x17x630(SM490YB)
 8-TCB M22x90(S10T)

MARKING DIAGRAM

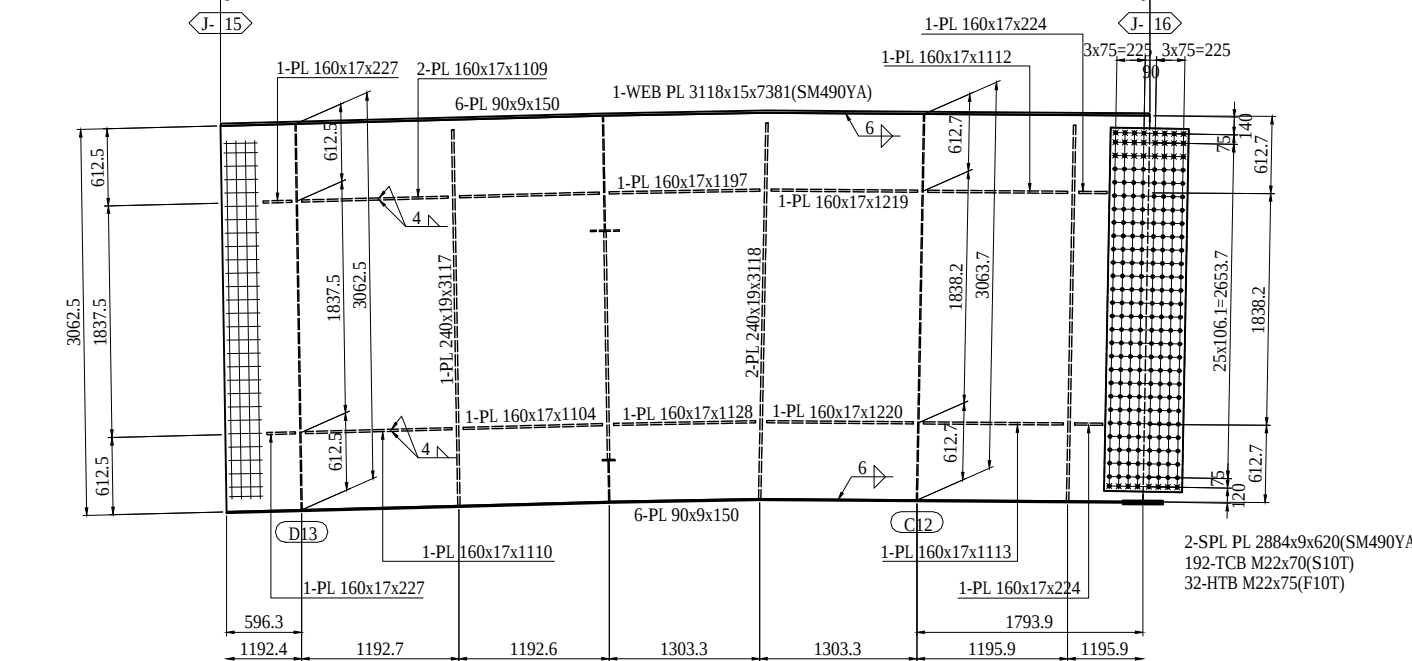


NOTES:

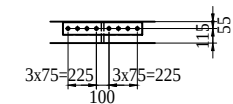
1 - STEEL GRADE OF STEEL PLATE
 UNLESS NOTE : SM400A

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.	PREPARED BY S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (15)	1
				CHECKED BY T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY Y. SANO		6 Oct.2017		P1-SB-1415

S=1:60



- 2-SPL PL 80x9x320(SM490YA)
6-SPL PL 190x9x320(SM490YA)
1-SPL PL 1730x9x320(SM490YA)
52-TCB M22x70(S10T)
4-HTB M22x75(F10T)
1-FILL PL 1730x2.3x160(SS400)

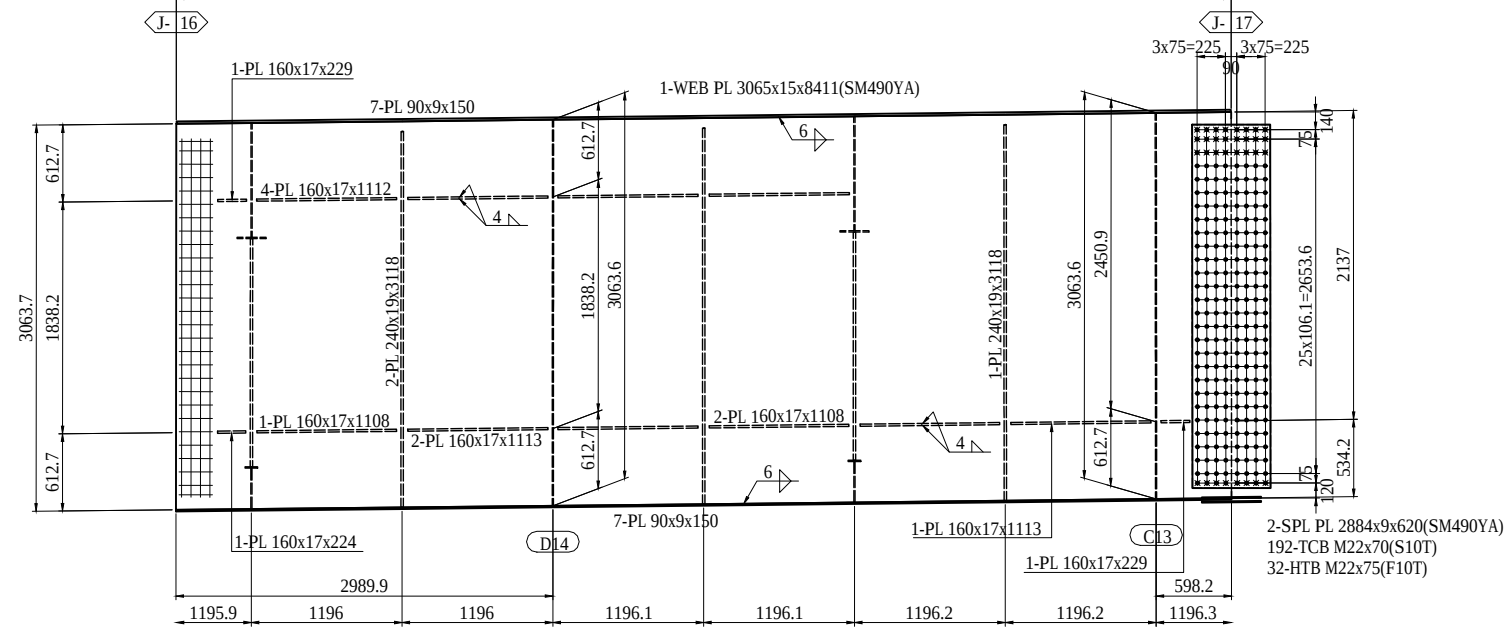
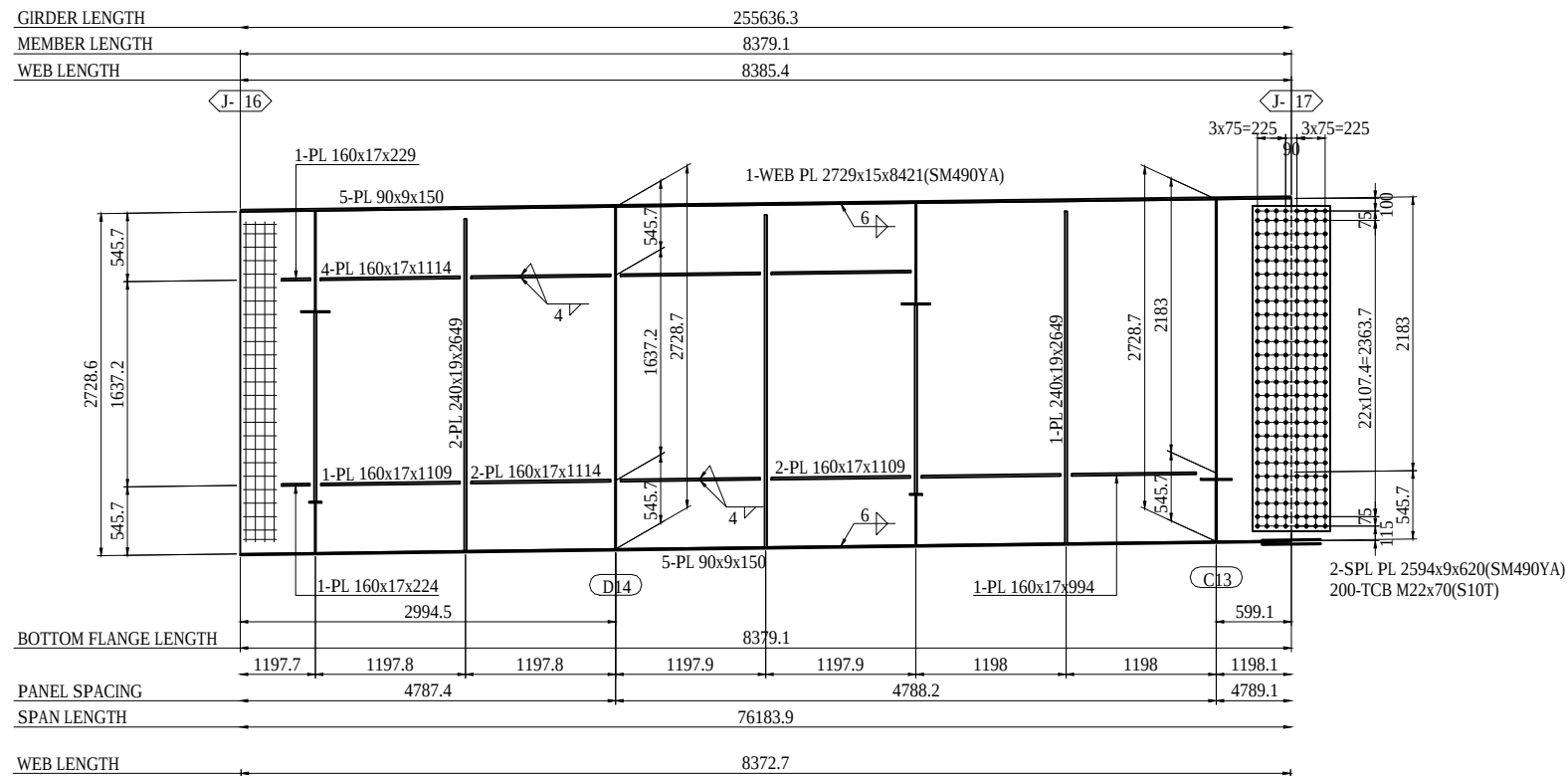


Technical drawing of a bridge deck cross-section. The drawing shows a rectangular cross-section with a total width of 1740 mm and a total height of 120 mm. The deck is reinforced with 5-RIB PL 170x17x7207 (SM490YB) and 1-LFLG PL 1855x10x7283 (SM490YA). The reinforcement is shown as a grid of bars. The drawing includes dimensions for the deck width (1740 mm), deck height (120 mm), and the spacing of the reinforcement bars (6x250=1500 mm). A 6° angle is indicated for the reinforcement layout. The drawing also shows the reinforcement details for the deck edges, including the 5-RIB PL 170x17x7207 (SM490YB) and 1-LFLG PL 1855x10x7283 (SM490YA) bars.

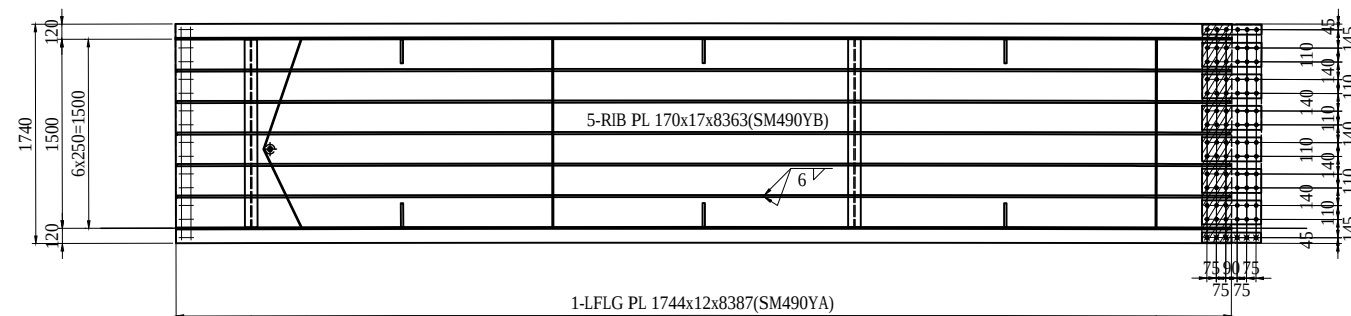
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (16)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1416

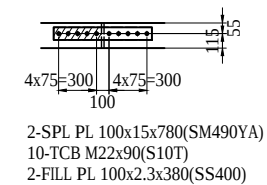
DETAIL OF GIRDER G4 (17) S=1:60



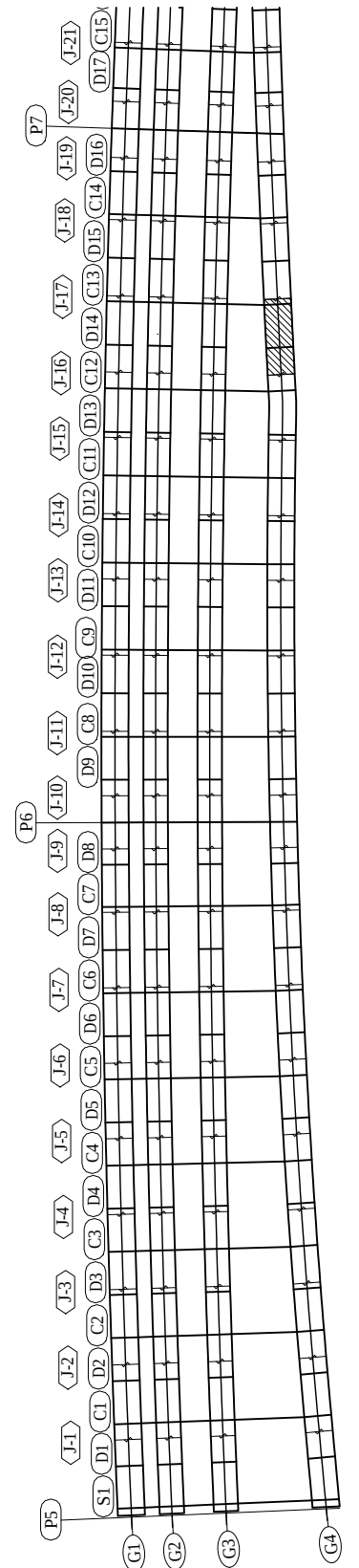
- 1-FB 50x6x250(SS400)
- 2-FB 50x6x246(SS400)
- 1-FB 50x6x252(SS400)
- 1-FB 50x6x259(SS400)
- 1-FB 50x6x262(SS400)
- 1-PL 75x22x75



- 2-SPL PL 80x9x470(SM490YA)
- 6-SPL PL 190x9x470(SM490YA)
- 1-SPL PL 1730x9x470(SM490YA)
- 78-TCB M22x80(S10T)
- 6-HTB M22x85(F10T)
- 1-FILL PL 1730x12x235(SS400)



MARKING DIAGRAM

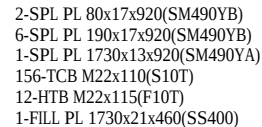


NOTES:

- 1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	PREPARED BY S. IMADA	30.09.2017	29 Sept.2017	DETAIL OF GIRDER G4 (17)	1
				CHECKED BY T. HAYAKAWA	30.10.2017	3 Oct.2017		DWG No.
				APPROVED BY Y. SANO	30.10.2017	6 Oct.2017		P1-SB-1417

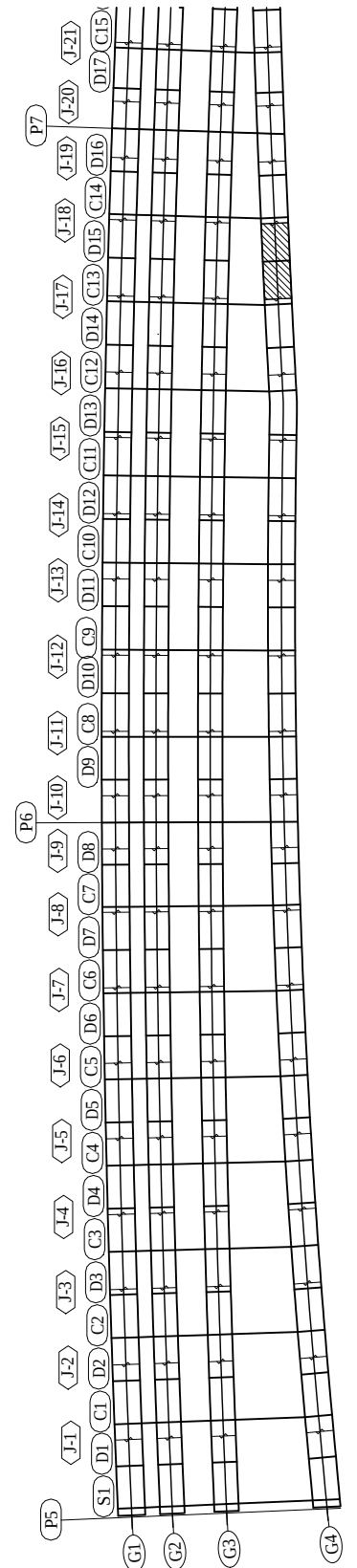
S=1:60



2-SPL PL 120x19x1060(SM490YB)
18-TCB M22x95(S10T)

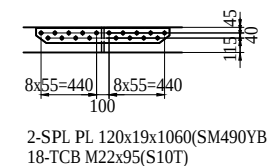
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

MARKING DIAGRAM



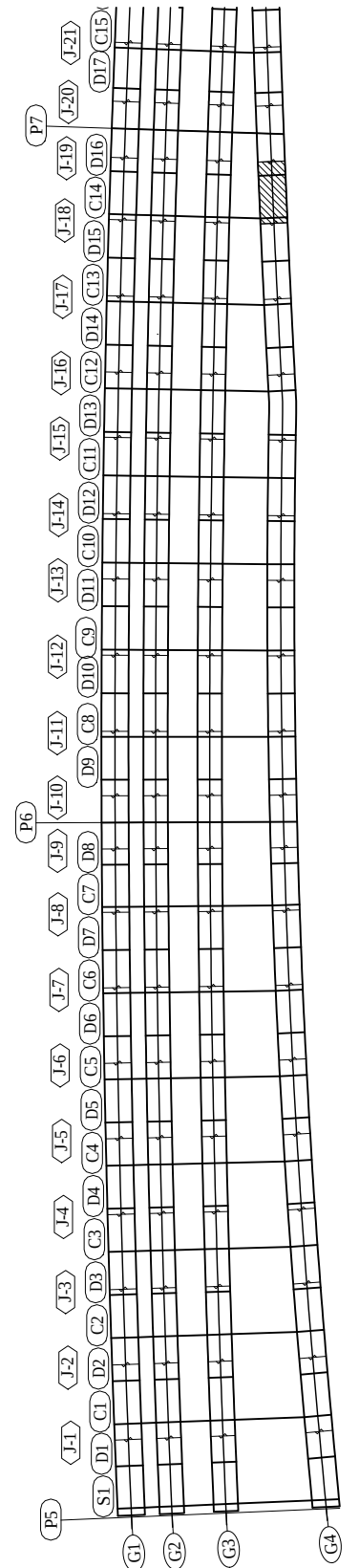
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM		NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY	 REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	 NIPPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO.,LTD.  NIPPON ENGINEERING CONSULTANTS CO.,LTD.					DETAIL OF GIRDER G4 (18)	1
				PREPARED BY	S. IMADA		29 Sept.2017		DWG No.
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		P1-SB-1418
				APPROVED BY	Y. SANO		6 Oct.2017		

S=1:60



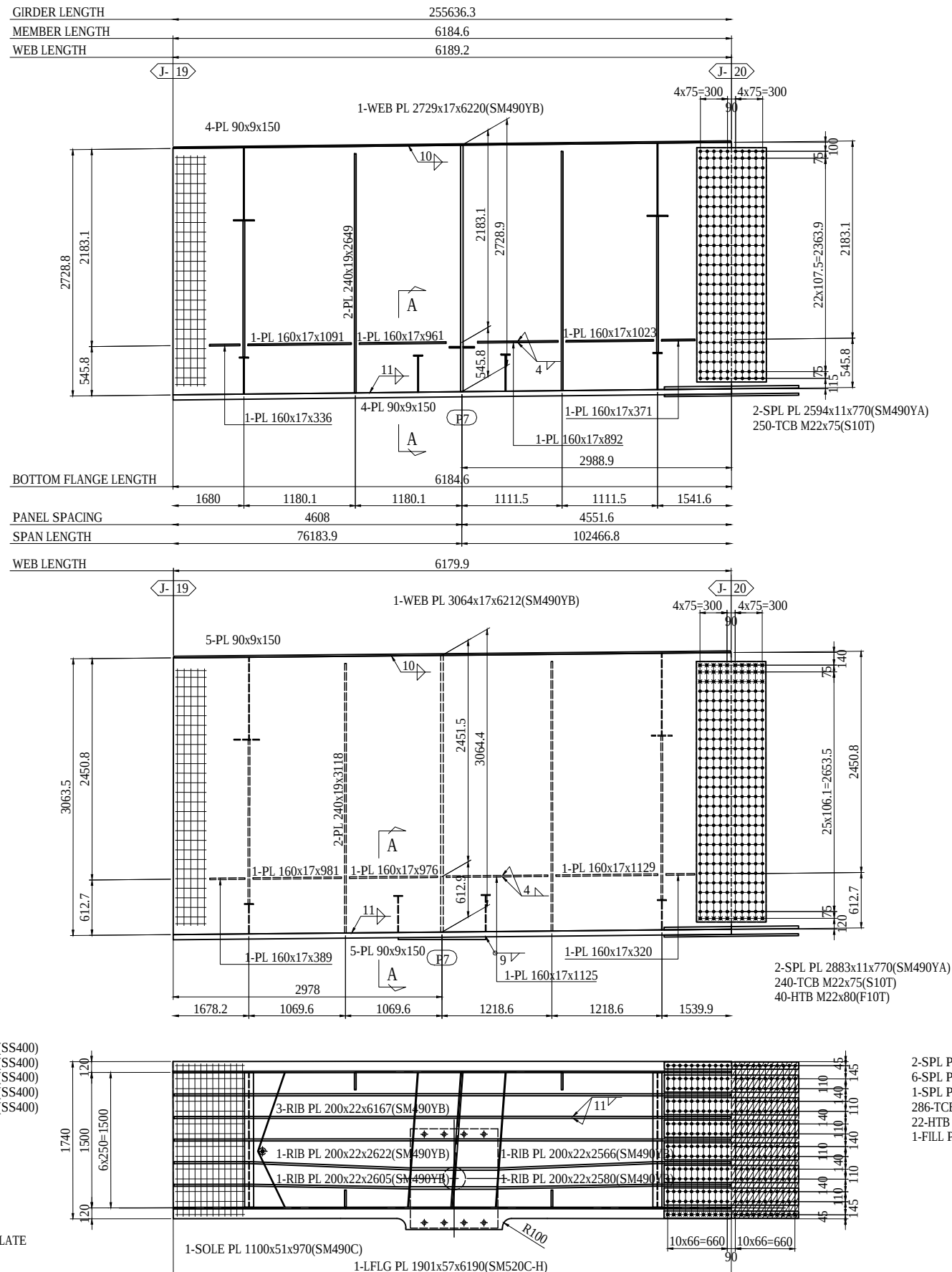
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

MARKING DIAGRAM



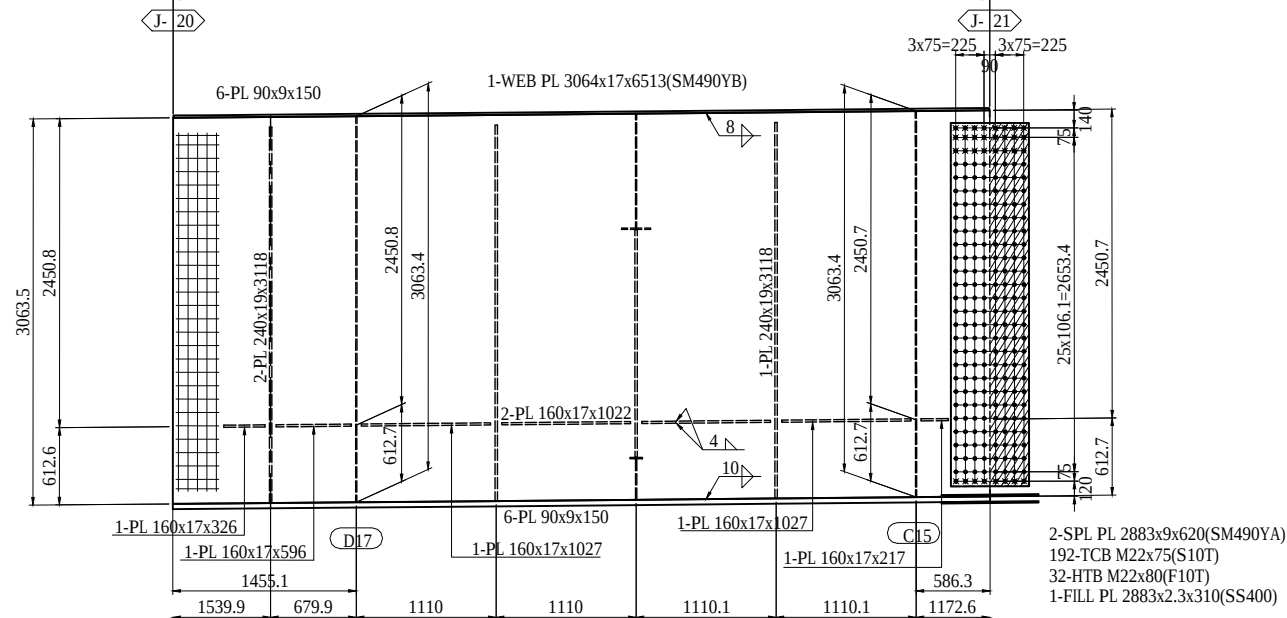
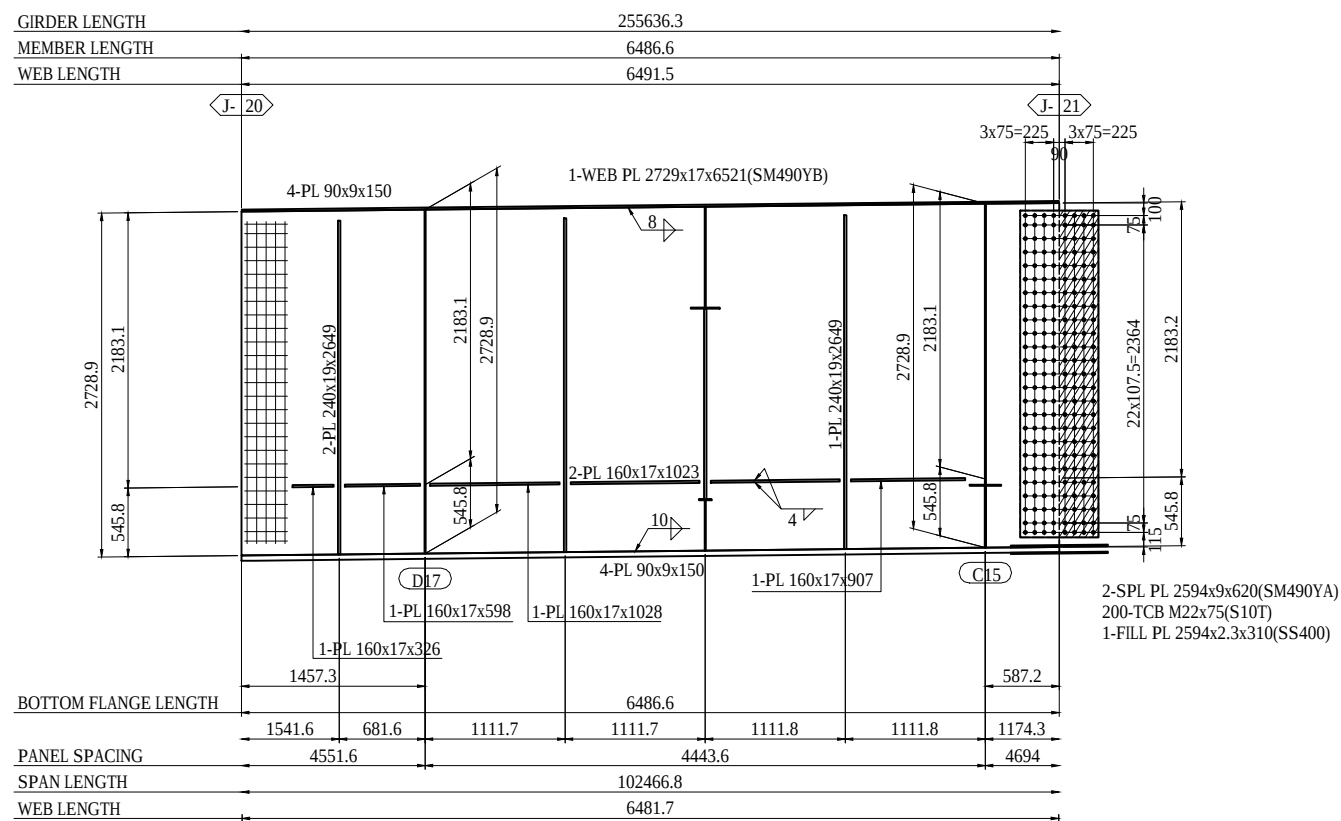
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM		NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY	 REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	  NIPPON KOEI CO., LTD.   METROPOLITAN EXPRESSWAY COMPANY LIMITED   CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (19)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1419

DETAIL OF GIRDER G4 (20) S=1:60

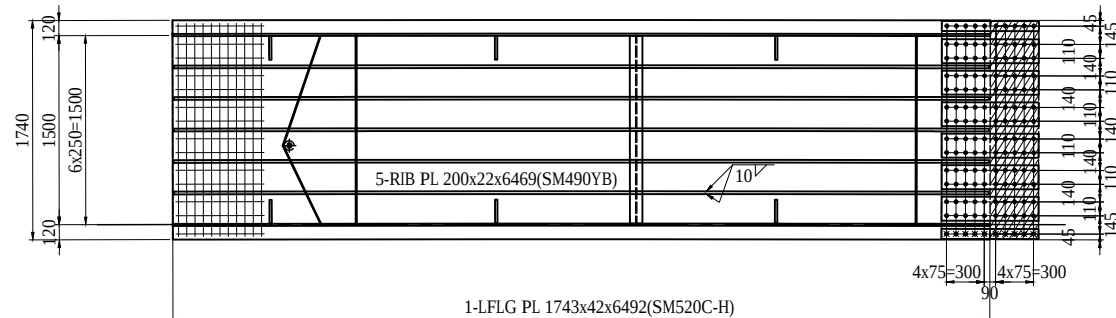


PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA	29 Sept.2017	3 Oct.2017	DETAIL OF GIRDER G4 (20)	1
				T. HAYAKAWA	3 Oct.2017	6 Oct.2017		DWG No.
				Y. SANO	6 Oct.2017			P1-SB-1420

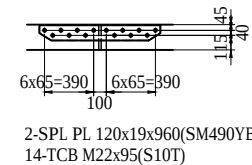
DETAIL OF GIRDER G4 (21) S=1:60



1-FB 50x6x250(SS400)
2-FB 50x6x246(SS400)
1-FB 50x6x252(SS400)
1-FB 50x6x259(SS400)
1-FB 50x6x262(SS400)
1-PL 75x22x75



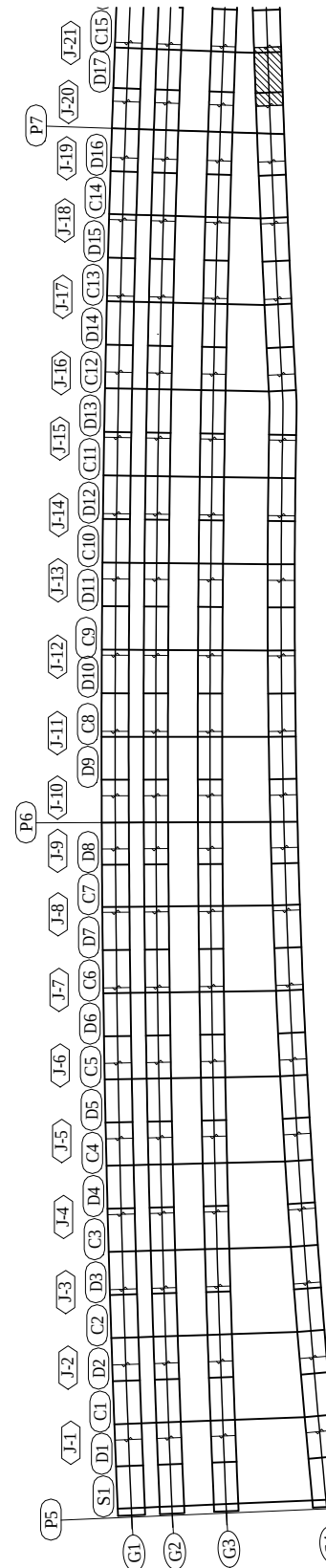
2-SPL PL 80x15x770(SM490YA)
6-SPL PL 190x15x770(SM490YA)
1-SPL PL 1730x11x770(SM490YA)
130-TCB M22x105(S10T)
10-HTB M22x110(F10T)
1-FILL PL 1730x21x385(SS400)



NOTES:

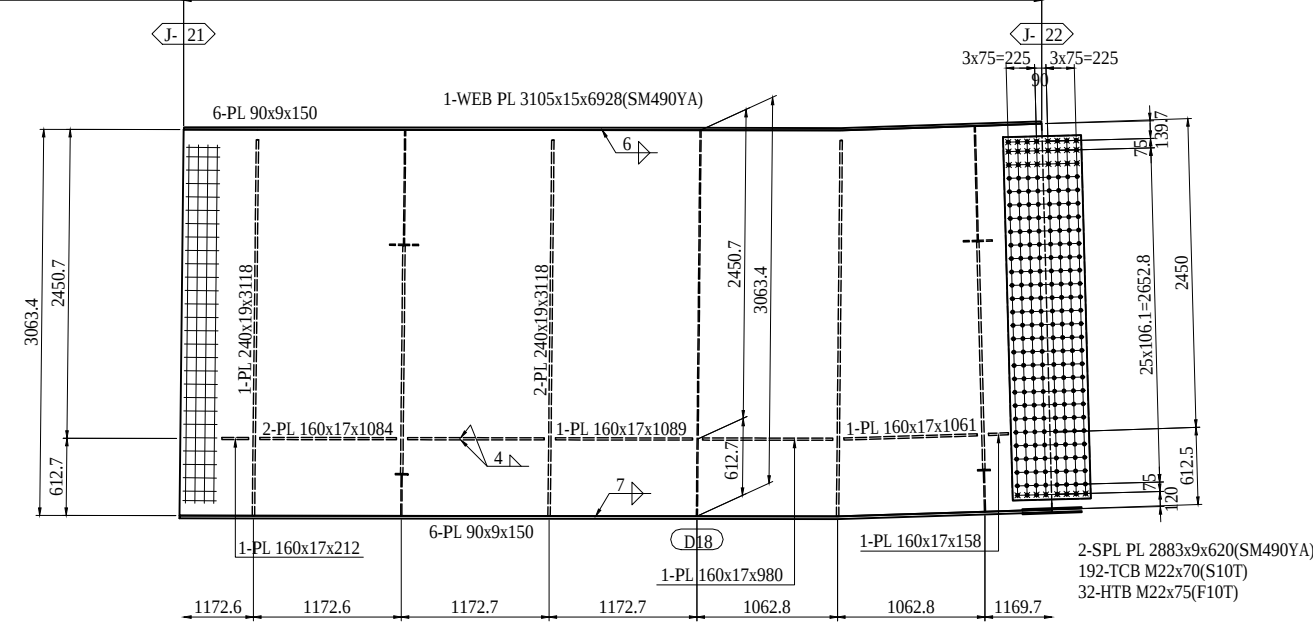
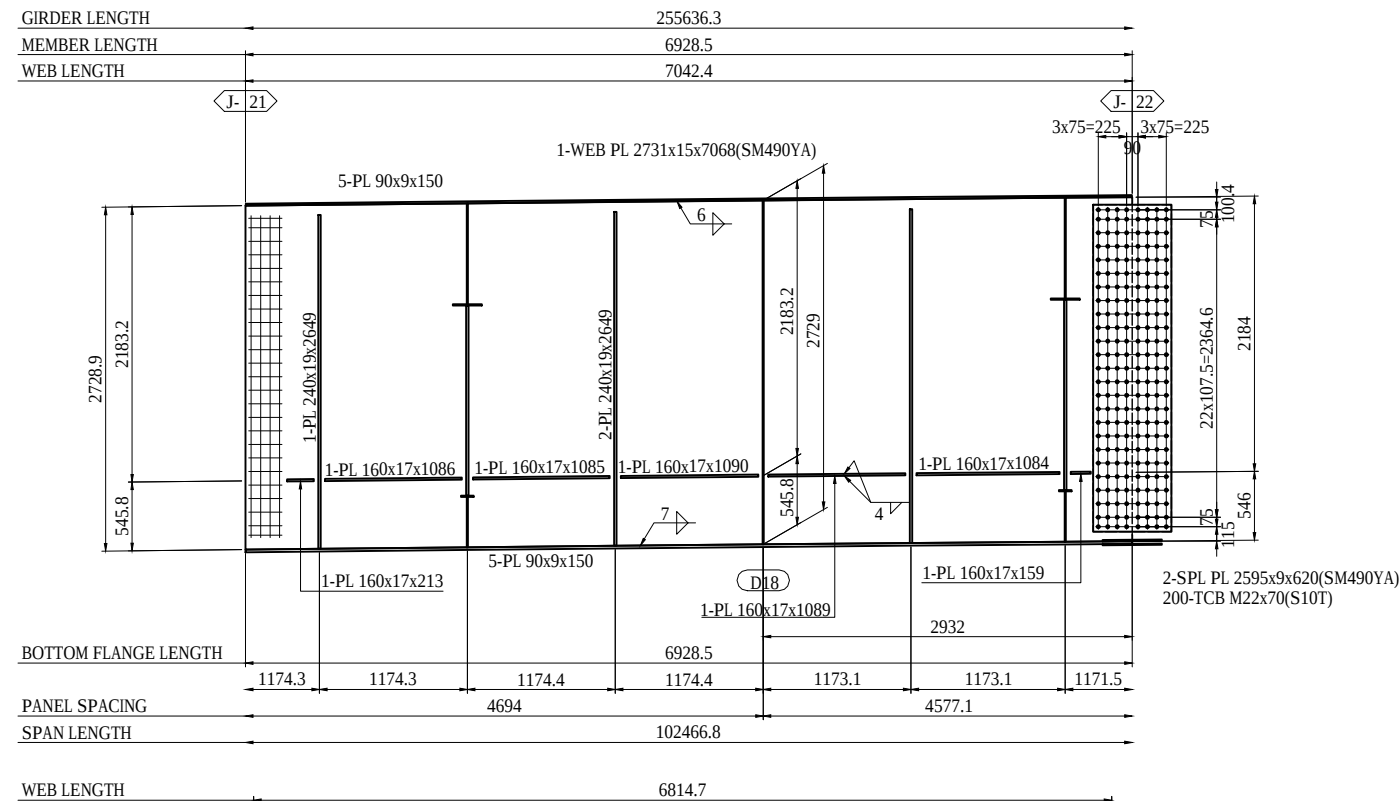
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

MARKING DIAGRAM

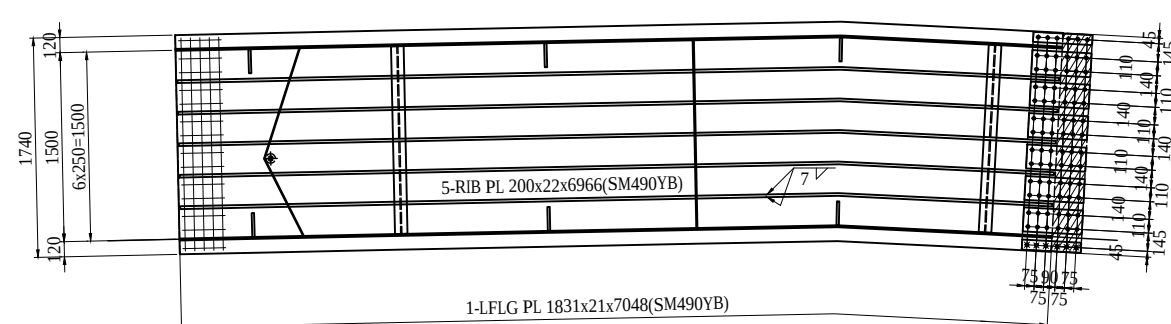


PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF GIRDER G4 (21)	1 DWG No. P1-SB-1421

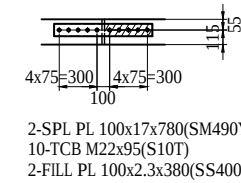
DETAIL OF GIRDER G4 (22) S=1:60



- 1-FB 50x6x250(SS400)
- 2-FB 50x6x246(SS400)
- 1-FB 50x6x252(SS400)
- 1-FB 50x6x259(SS400)
- 1-FB 50x6x262(SS400)
- 1-PL 75x22x75



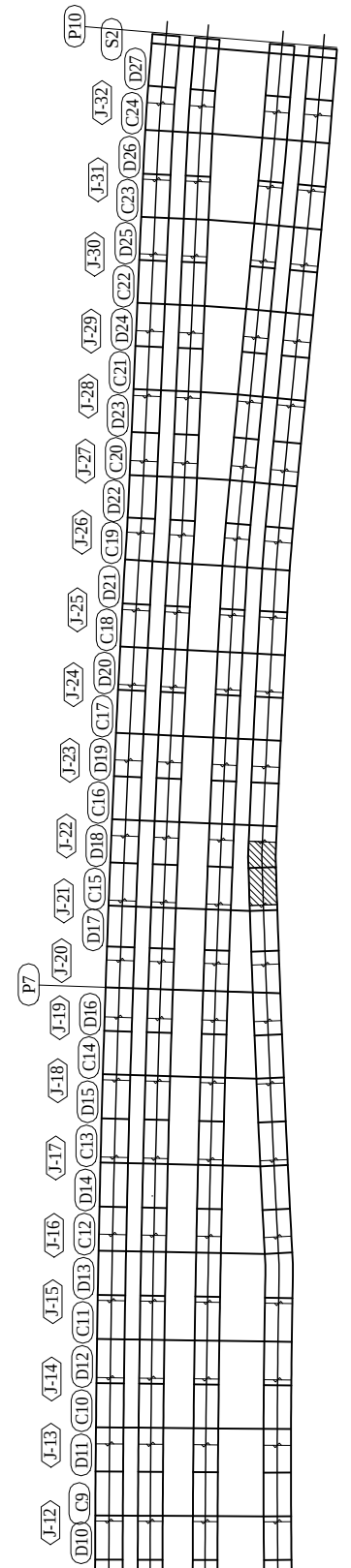
- 2-SPL PL 80x11x470(SM490YA)
- 6-SPL PL 190x11x470(SM490YA)
- 1-SPL PL 1730x9x470(SM490YA)
- 78-TCB M22x80(S10T)
- 6-HTB M22x85(F10T)
- 1-FILL PL 1730x6x235(SS400)



NOTES:

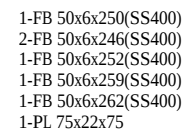
- 1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	PREPARED BY S. IMADA	29 Sept.2017		DETAIL OF GIRDER G4 (22)	1
				CHECKED BY T. HAYAKAWA	3 Oct.2017			DWG No.
				APPROVED BY Y. SANO	6 Oct.2017			P1-SB-1422

S=1:60



1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

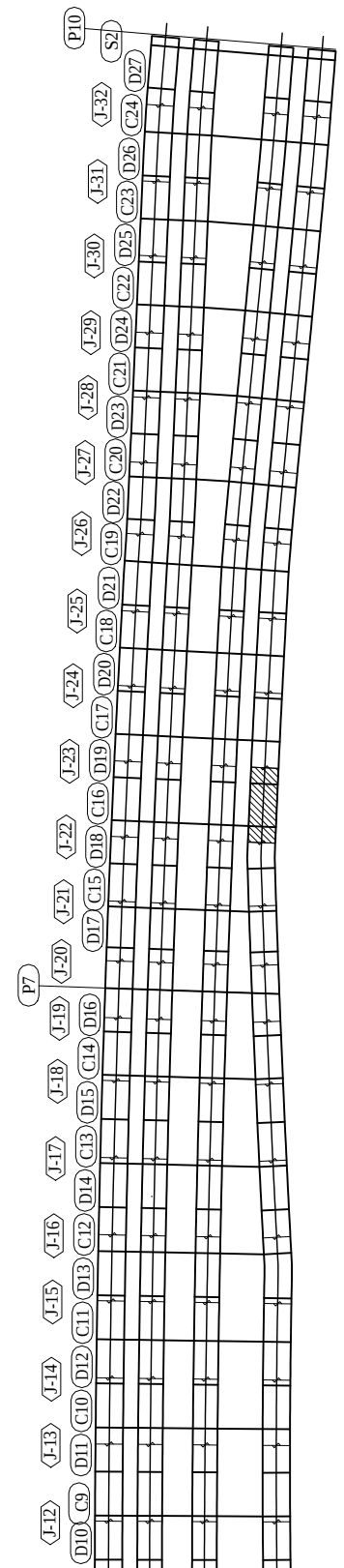
2-SPL PL 80x9x470(SM490YA)
3-SPL PL 440x9x470(SM490YA)
1-SPL PL 1730x9x470(SM490YA)
96-TCB M22x80(S10T)
6-HTB M22x85(F10T)
1-FILL PL 1730x13x235(SS400)

4x75=300 100 4x75=300

115 25

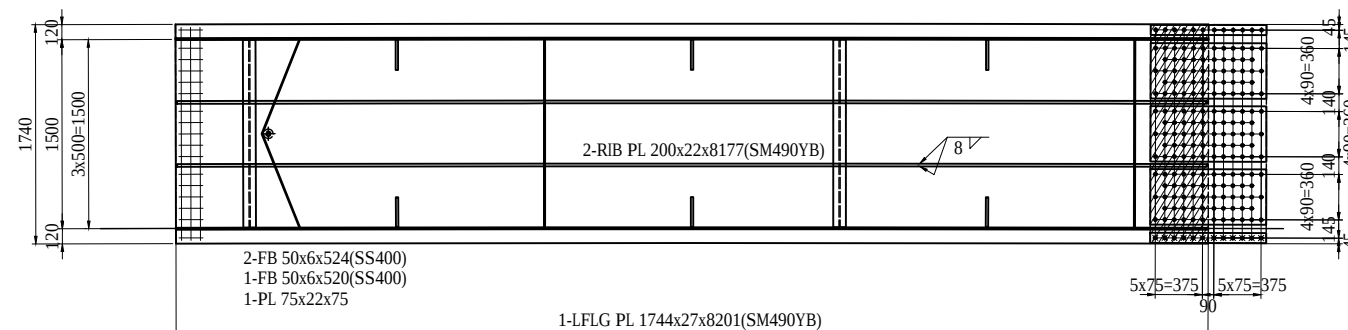
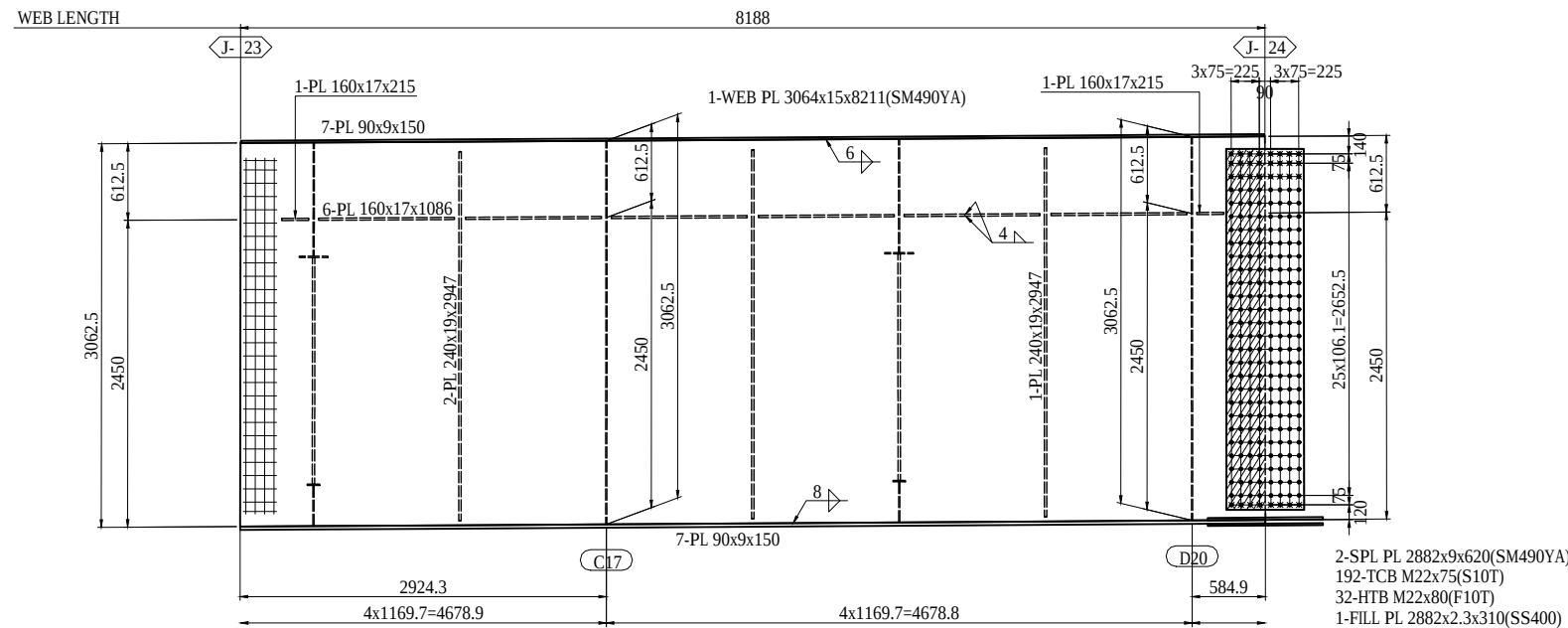
2-SPL PL 100x17x780(SM490YB)
 10-TCB M22x95(S10T)
 2-FILL PL 100x2.3x380(SS400)

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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (23)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1423

S=1:60



2-SPL PL 80x19x920(SM490YB)
3-SPL PL 440x19x920(SM490YB)
1-SPL PL 1730x16x920(SM490YA)
180-TCB M22x100(S10T)
12-HTB M22x105(F10T)
1-FILL PL 1730x2.3x460(SS400)

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

FINANCED BY

 JAPAN INTERNATIONAL
COOPERATION AGENCY

JICA STUDY TEAM



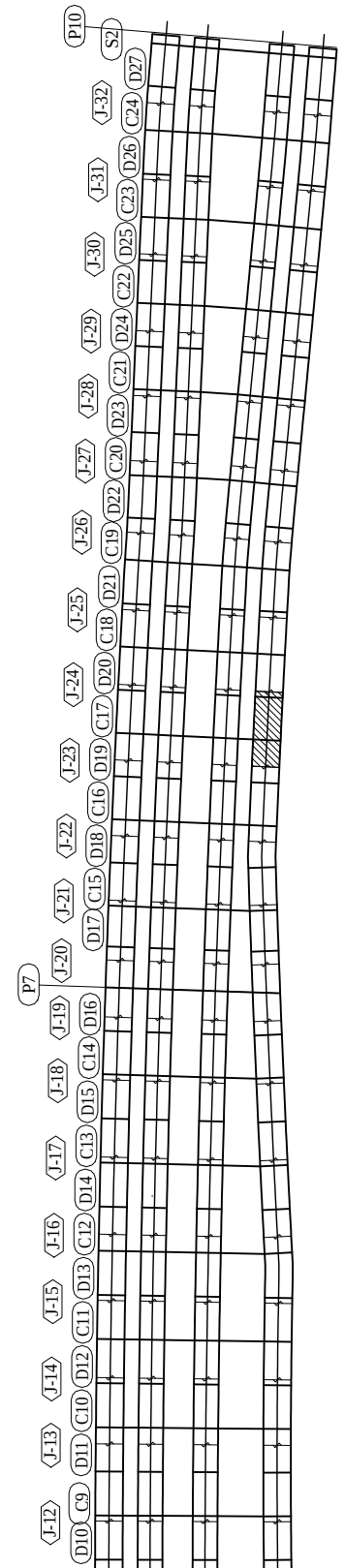
NIPPON KOEI CO., LTD.
ORIENTAL CONSULTANTS GLOBAL CO., LTD.
METROPOLITAN EXPRESSWAY COMPANY LIMITED
CHODAI CO.,LTD.
NIPPON ENGINEERING CONSULTANTS CO.LTD.

DRAWING TITLE

DETAIL OF GIRDER G4 (24)

PACKAGE
1
DWG No.
P1-SB-1424

MARKING DIAGRAM



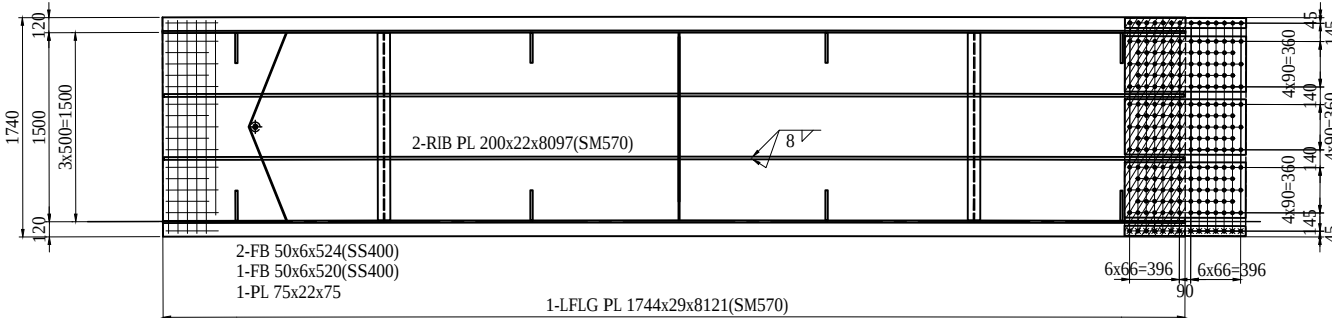
S=1:60



PANEL SPACING

SPAN LENGTH

WEB LENGTH



2-SPL PL 120x22x1170(SM570)
20-TCB M22x105(S10T)

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

FINANCED BY

 JAPAN INTERNATIONAL
COOPERATION AGENCY

JICA STUDY TEAM

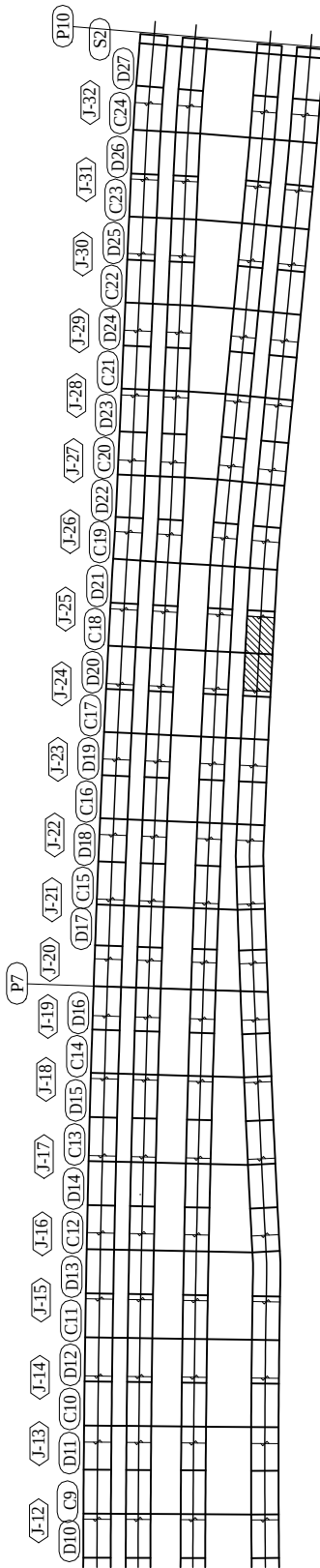
  
NIPPON KOEI CO., LTD.
ORIENTAL CONSULTANTS GLOBAL CO., LTD.
METROPOLITAN EXPRESSWAY COMPANY LIMITED
CHODAI CO.,LTD.
NIPPON ENGINEERING CONSULTANTS CO.,LTD.

DRAWING TITLE

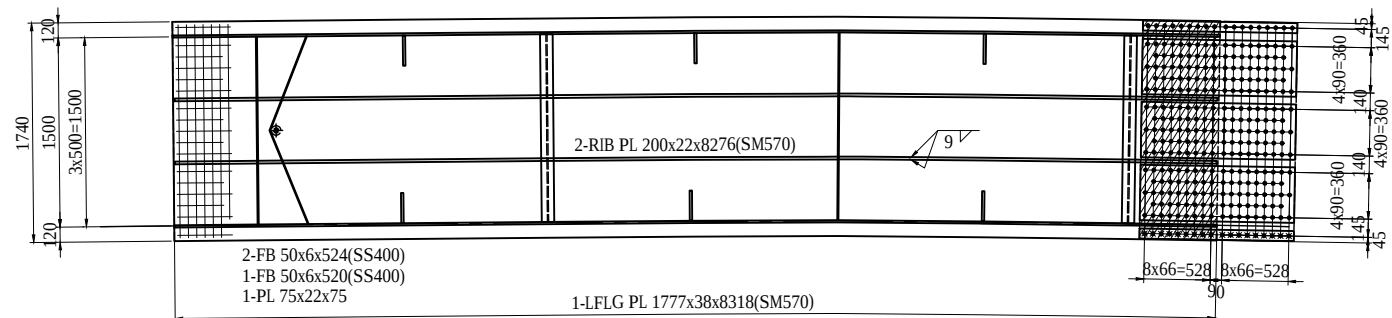
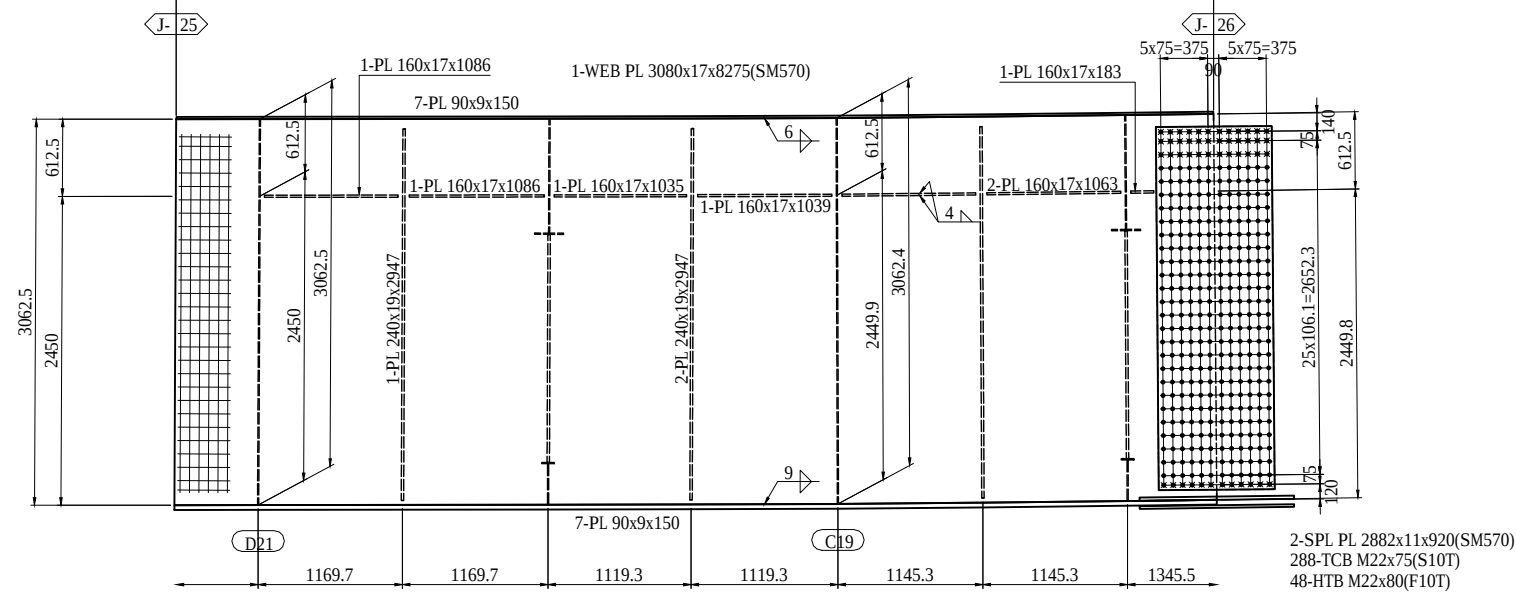
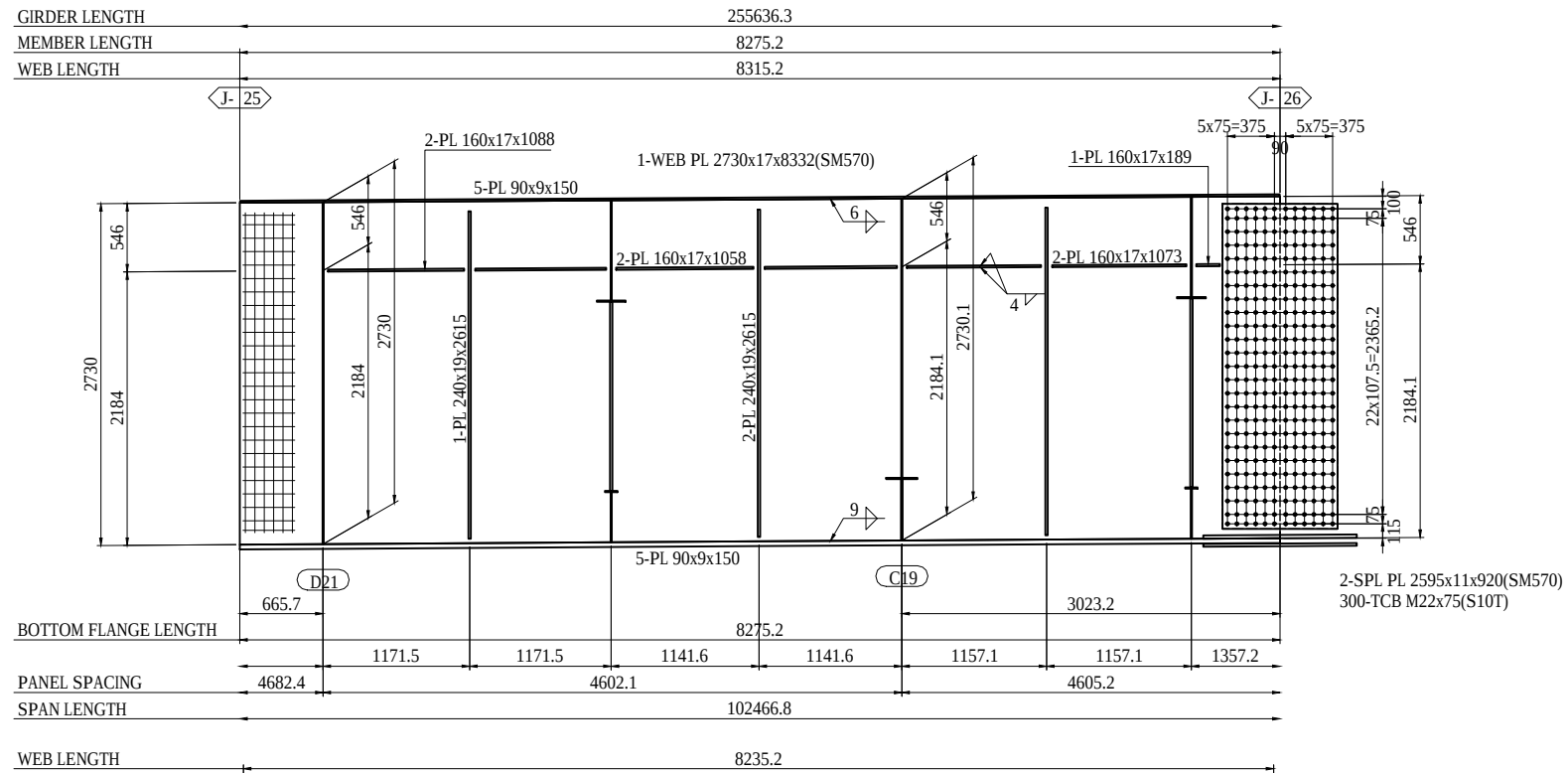
DETAIL OF GIRDER G4 (25)

PACKAGE
1
DWG No.
P1-SB-1425

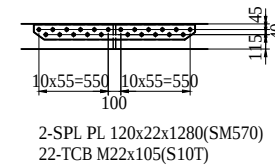
MARKING DIAGRAM



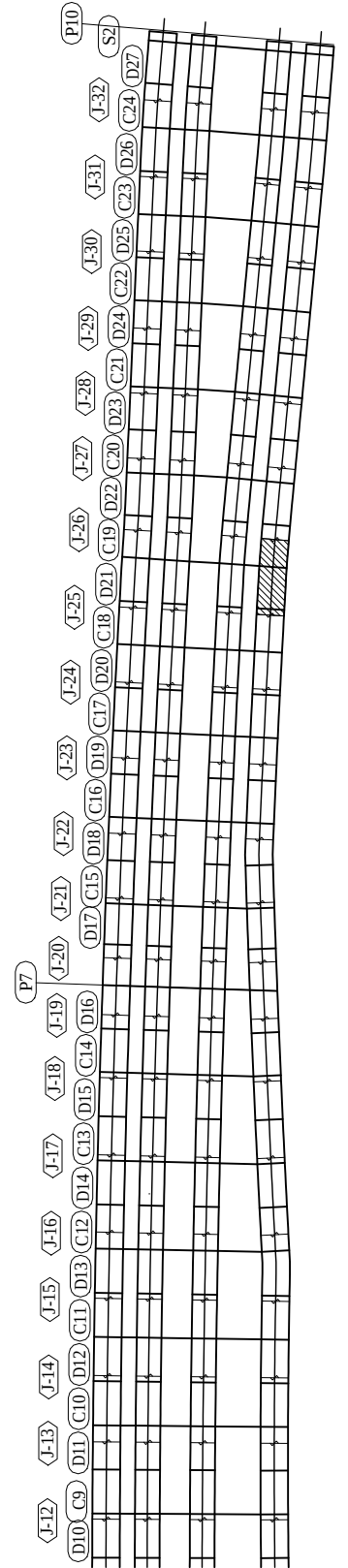
S=1:60



2-SPL PL 80x26x1226(SM570)
3-SPL PL 440x26x1226(SM570)
1-SPL PL 1730x21x1226(SM570)
276-TCB M22x125(S10T)
18-HTB M22x130(F10T)
1-FILL PL 1730x4.5x613(SS400)



MARKING DIAGRAM

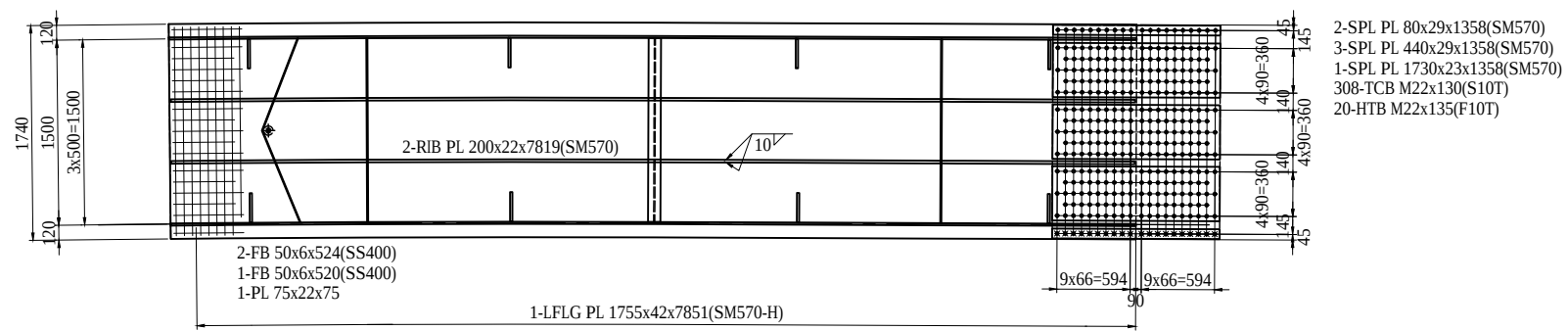
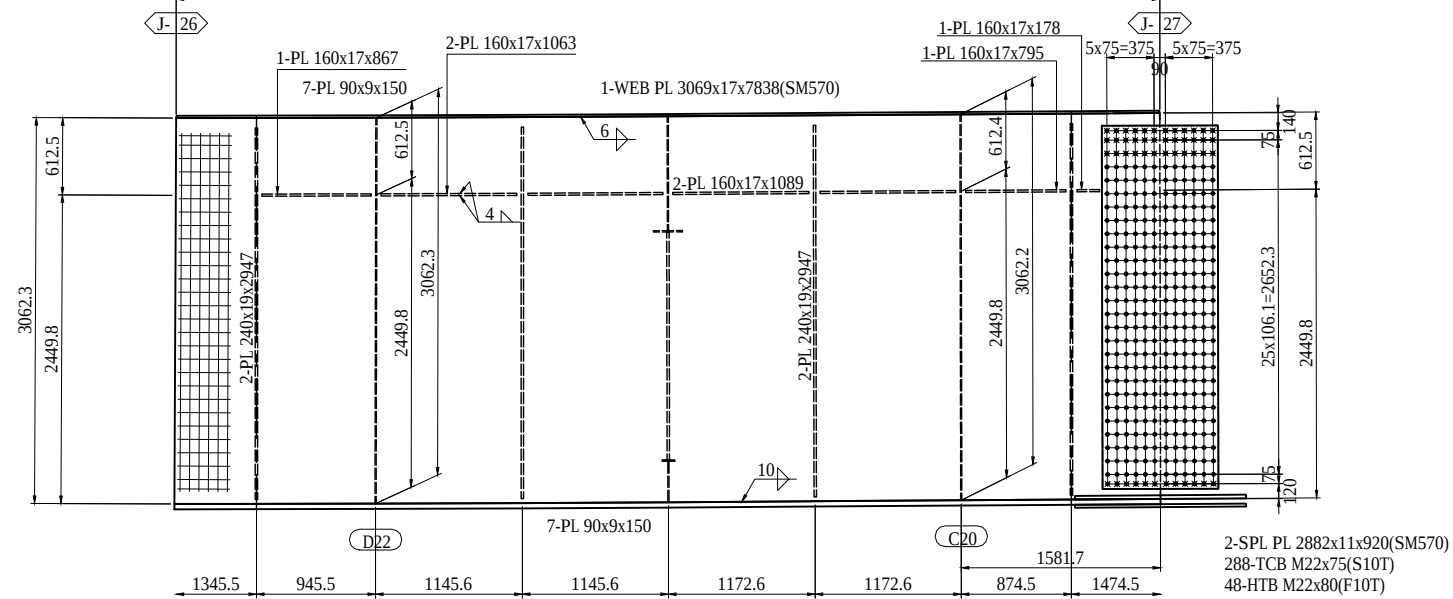
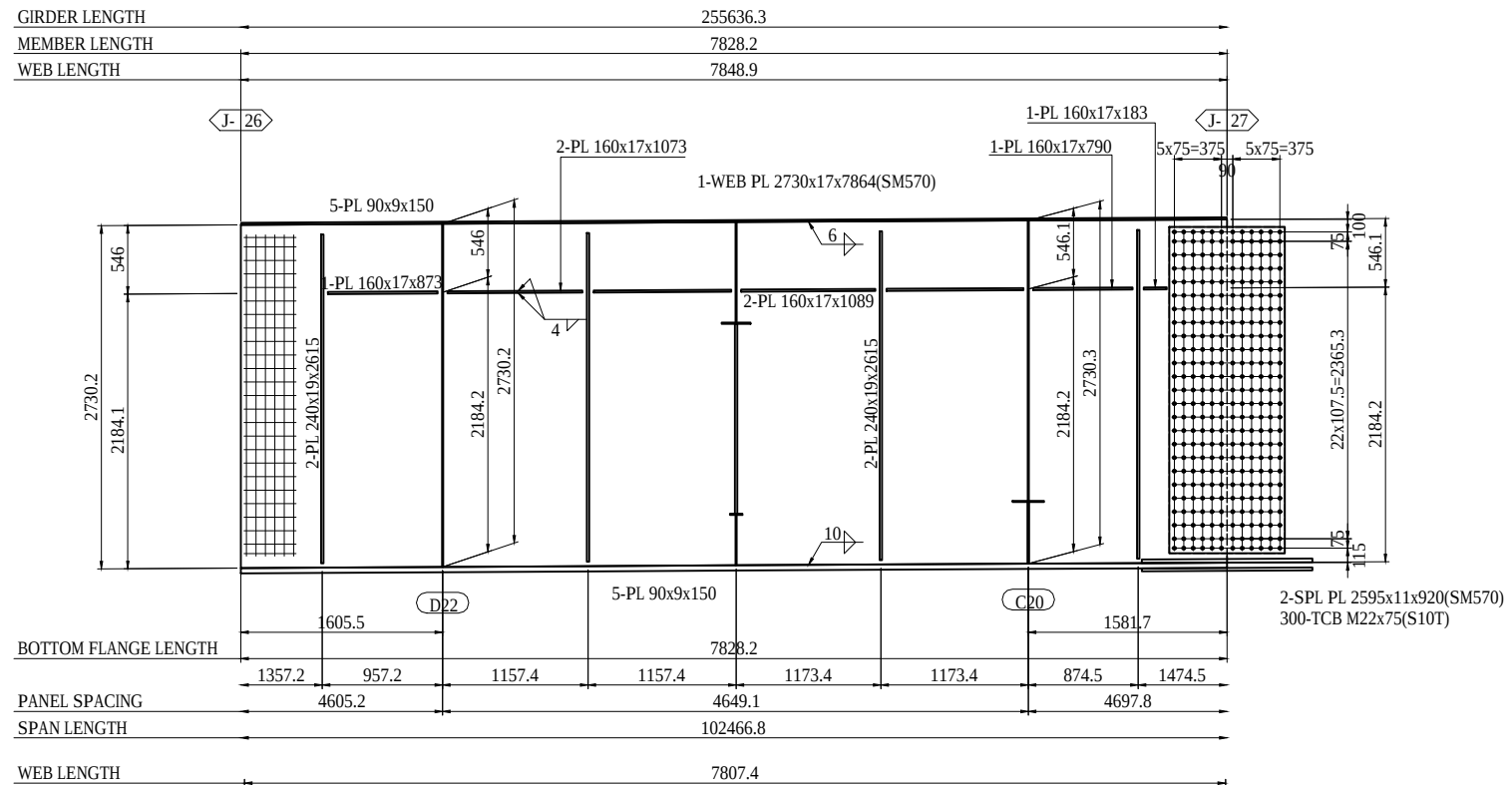


NOTES:

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (26)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1426

S=1:60



2-SPL PL 120x22x1280(SM570)
22-TCB M22x105(S10T)

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.

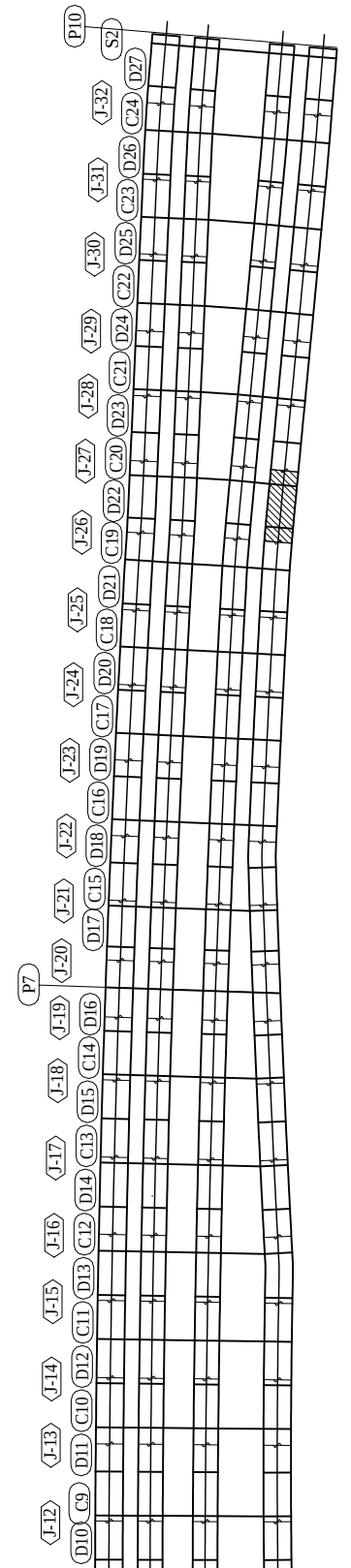
	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA	今村 透平	29 Sept.2017
CHECKED BY	T. HAYAKAWA	早川 知那	3 Oct.2017
APPROVED BY	Y. SANO	佐野 祐一	6 Oct.2017

DRAWING TITLE

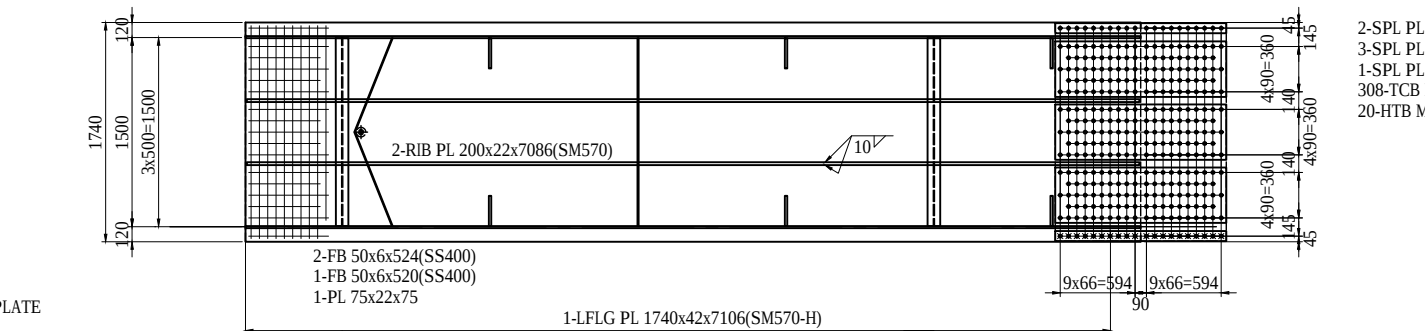
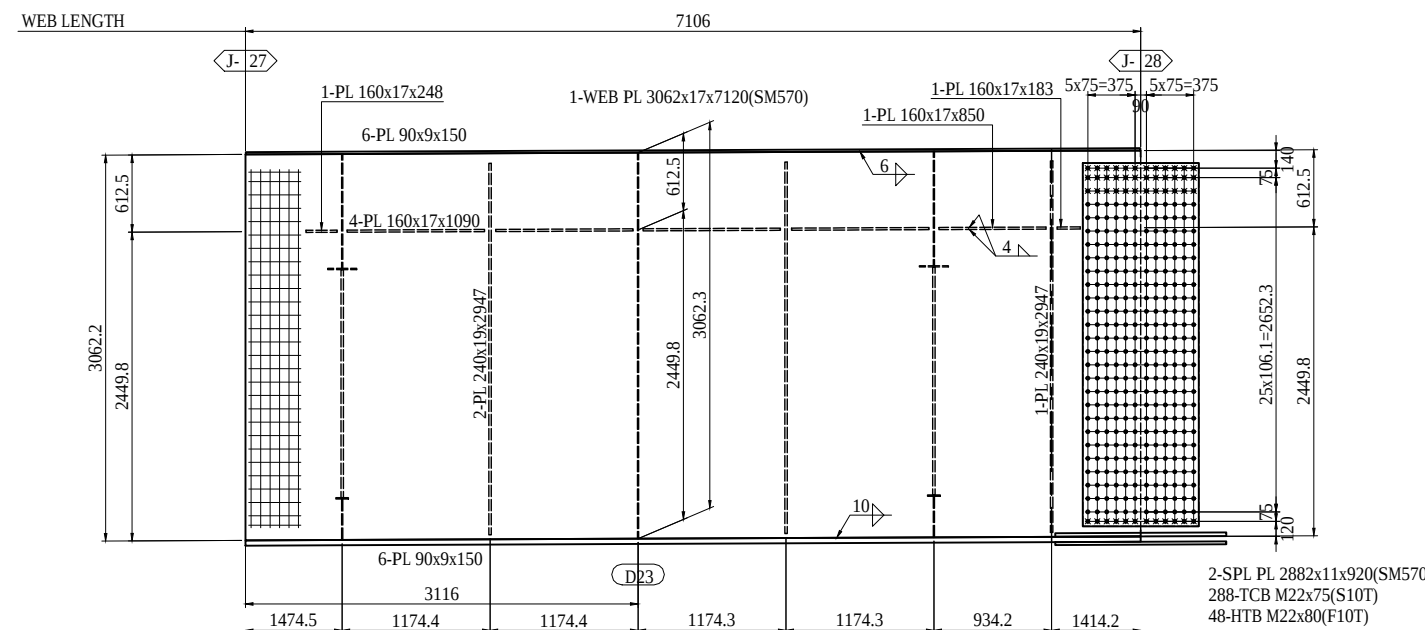
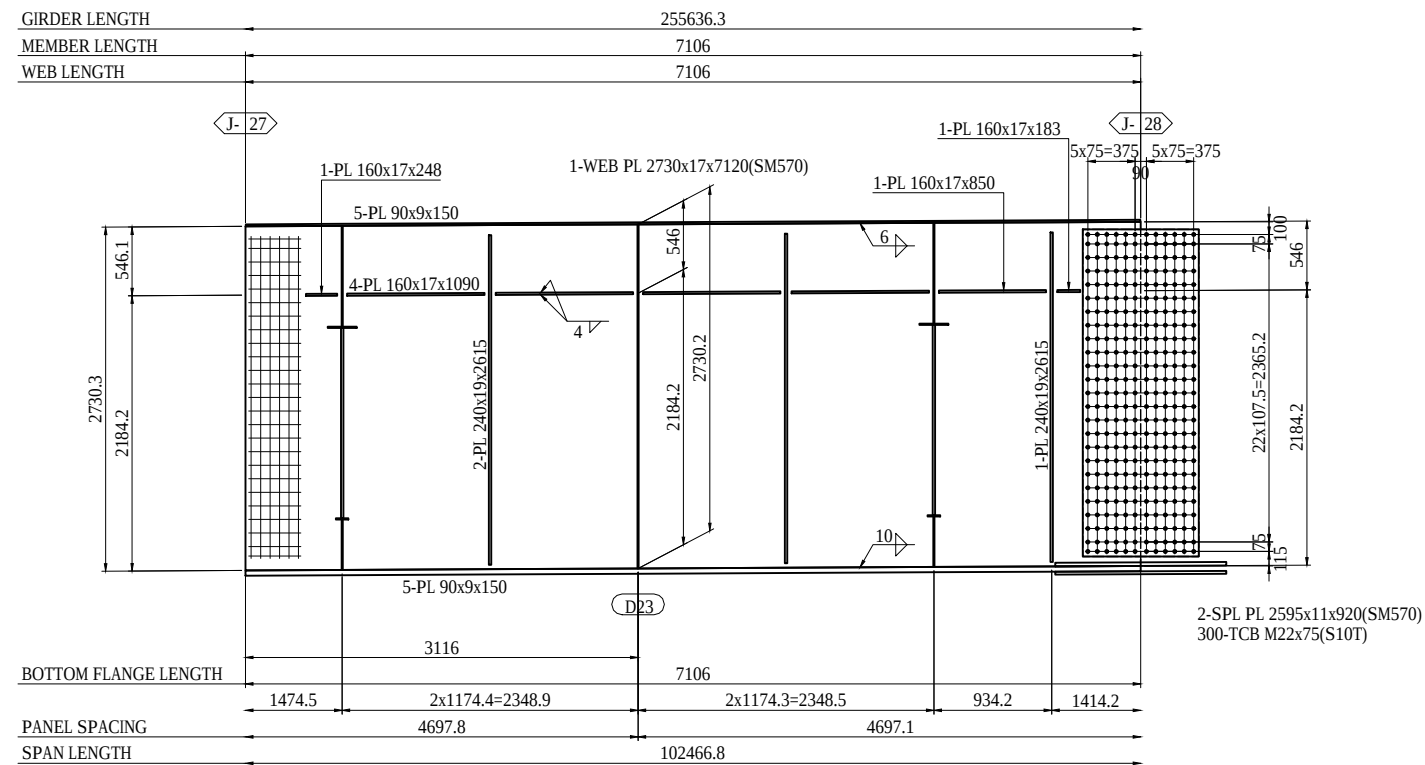
DETAIL OF GIRDER G4 (27)

PACKAGE
1
DWG No.
1-SB-1427

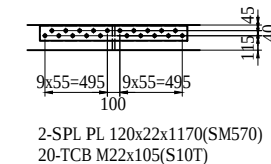
MARKING DIAGRAM



DETAIL OF GIRDER G4 (28) S=1:60

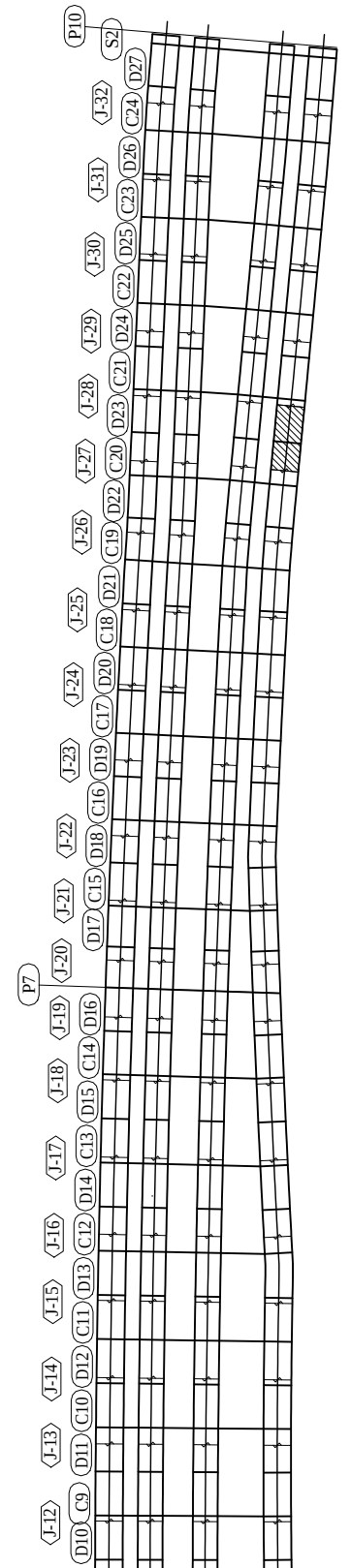


2-SPL PL 80x29x1358(SM570)
3-SPL PL 440x29x1358(SM570)
1-SPL PL 1730x23x1358(SM570)
308-TCB M22x130(S10T)
20-HTB M22x135(F10T)



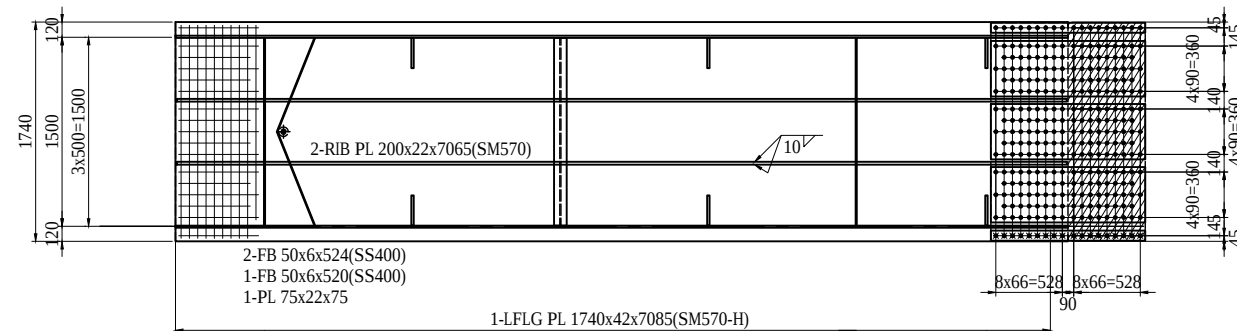
NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.	PREPARED BY S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (28)	1
				CHECKED BY T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY Y. SANO		6 Oct.2017		P1-SB-1428

S=1:60

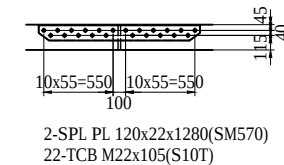
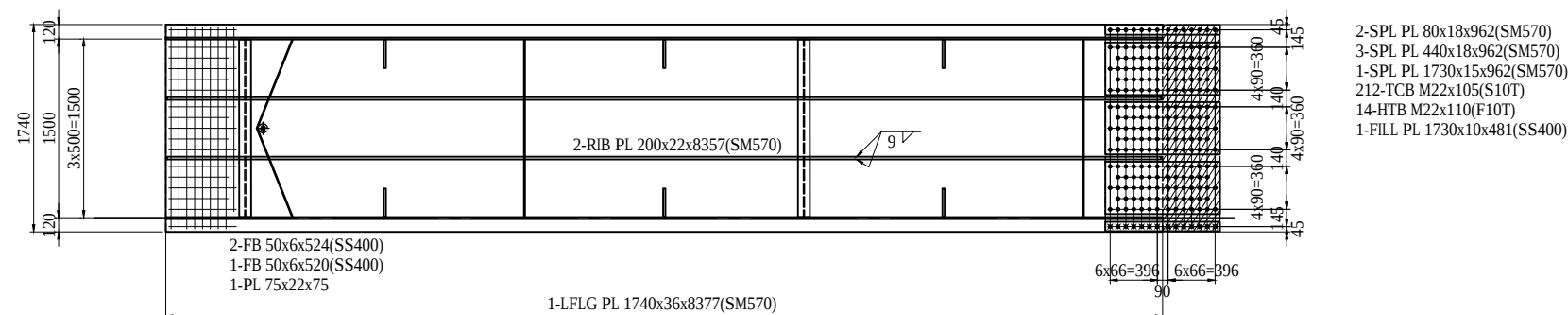
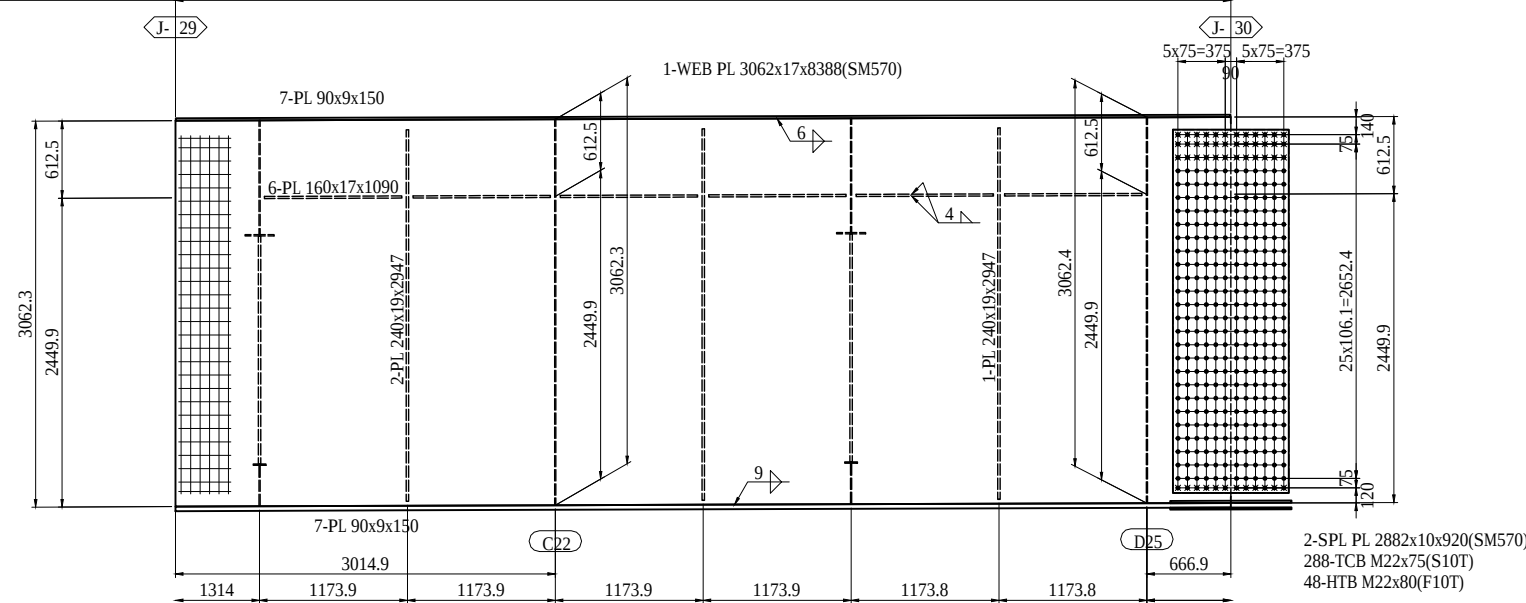
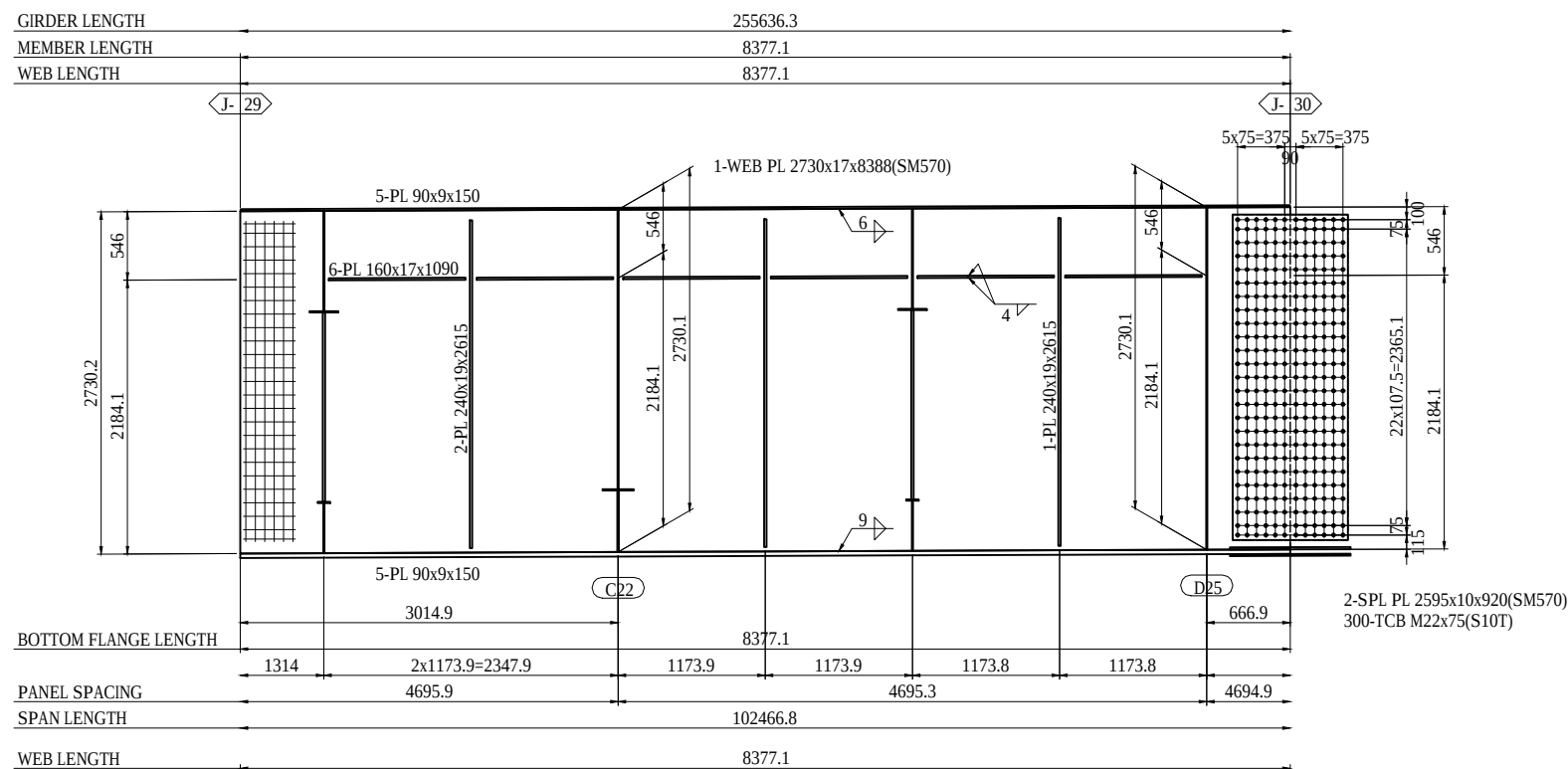


1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

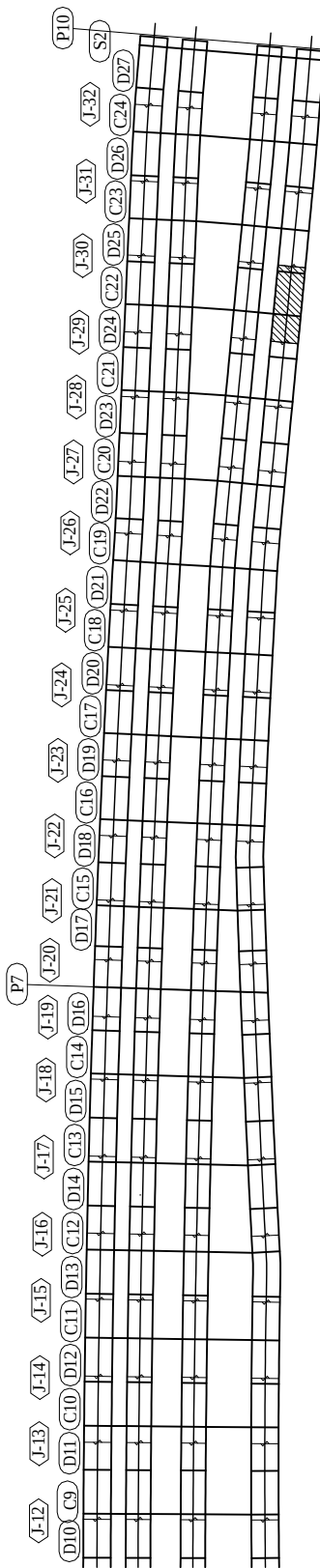
2-SPL PL 120x22x1280(SM570)
22-TCB M22x105(S10T)

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.					DETAIL OF GIRDER G4 (29)	1
				PREPARED BY	S. IMADA	今田 昌平	29 Sept.2017		DWG No.
				CHECKED BY	T. HAYAKAWA	平川 知邦	3 Oct.2017		P1-SB-1429
				APPROVED BY	Y. SANO	佐野 祐一	6 Oct.2017		

DETAIL OF GIRDER G4 (30) S=1:60



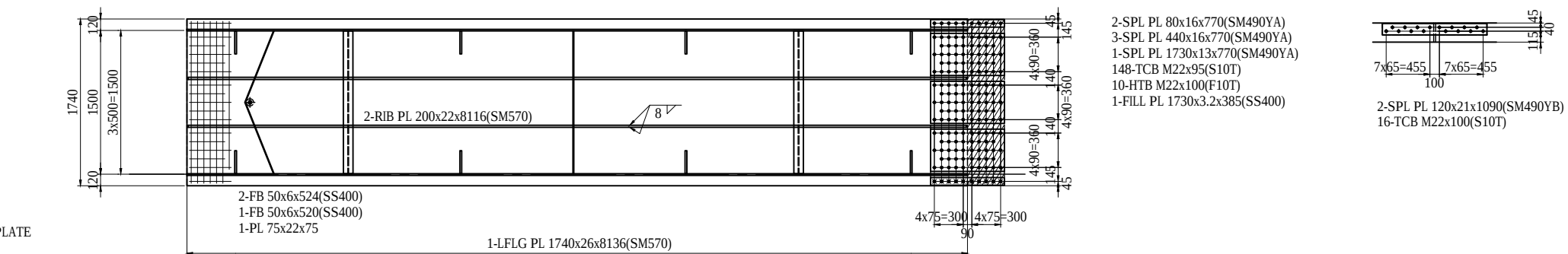
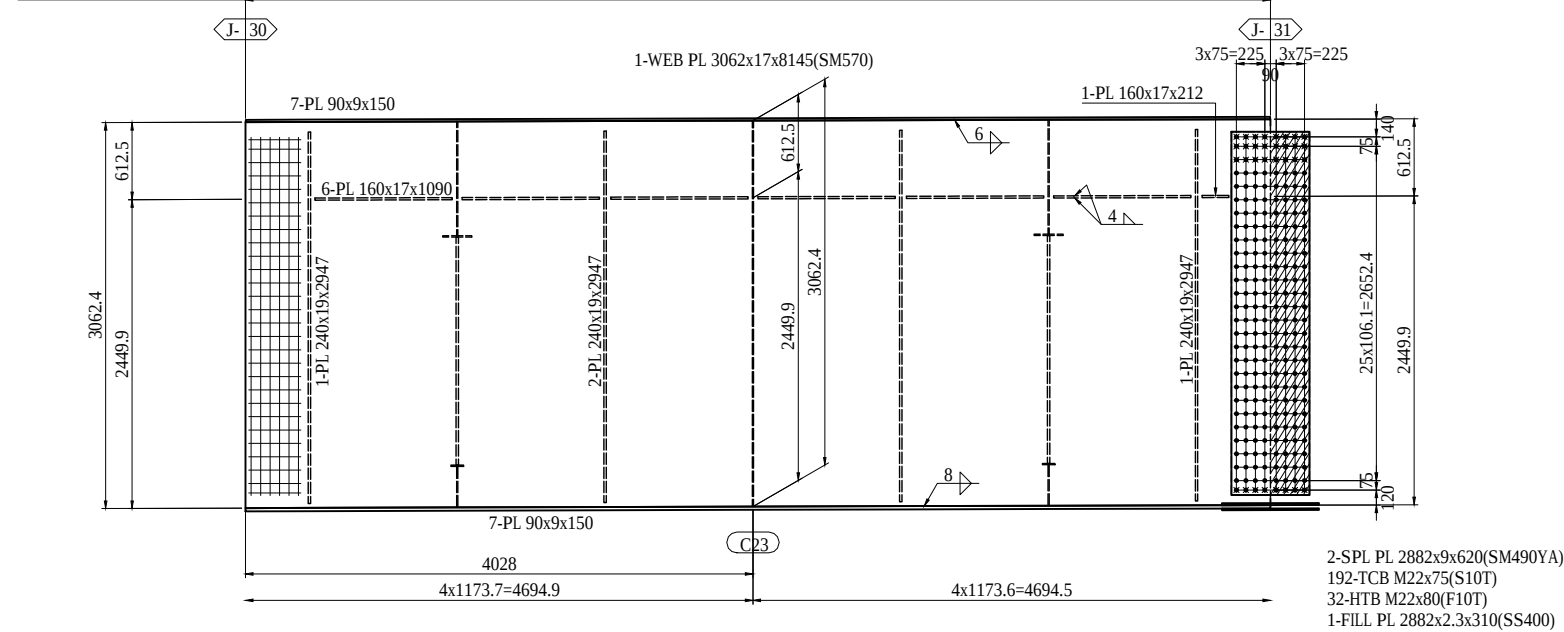
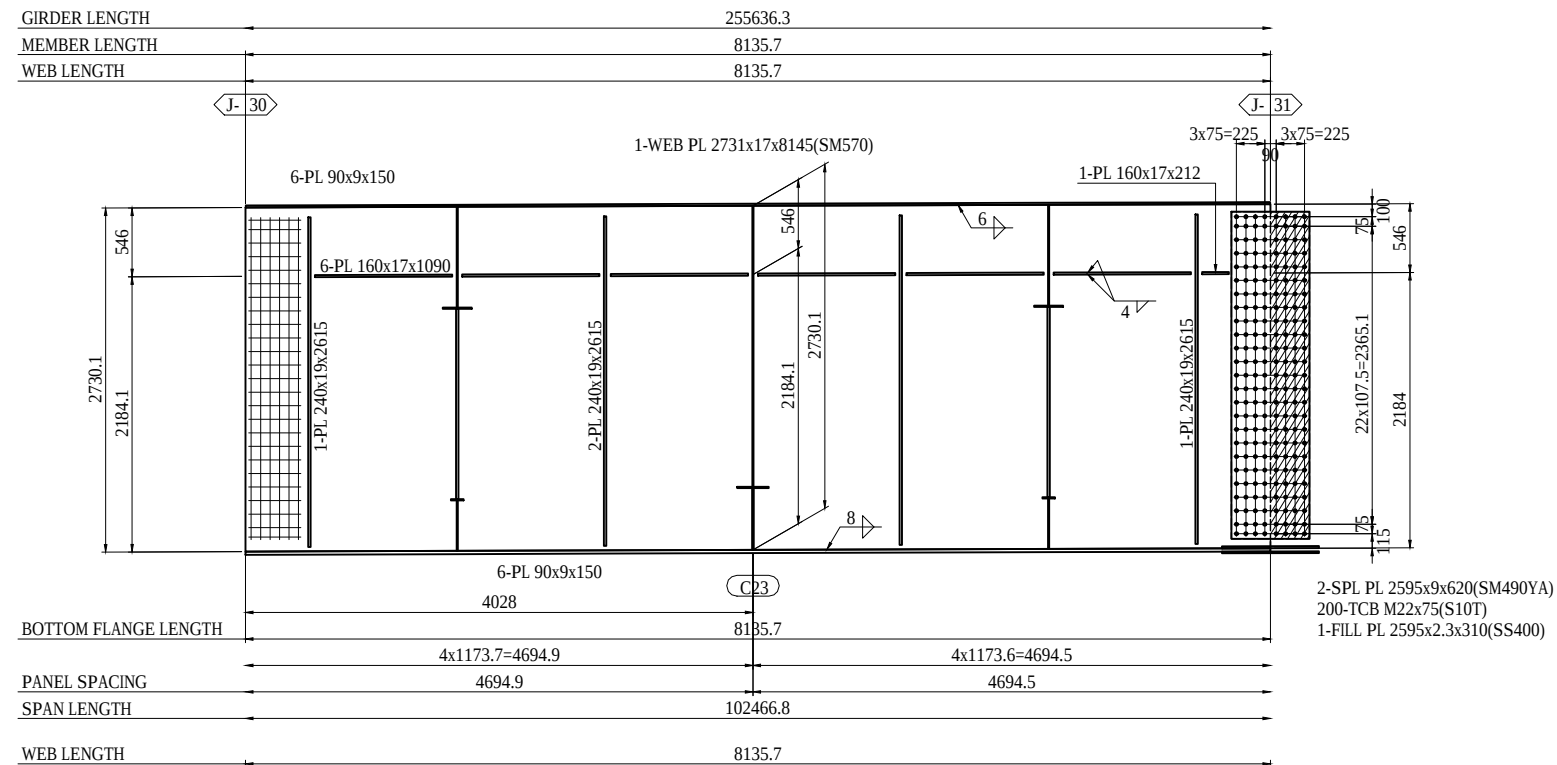
MARKING DIAGRAM



NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF GIRDER G4 (30)	1 DWG No. P1-SB-1430

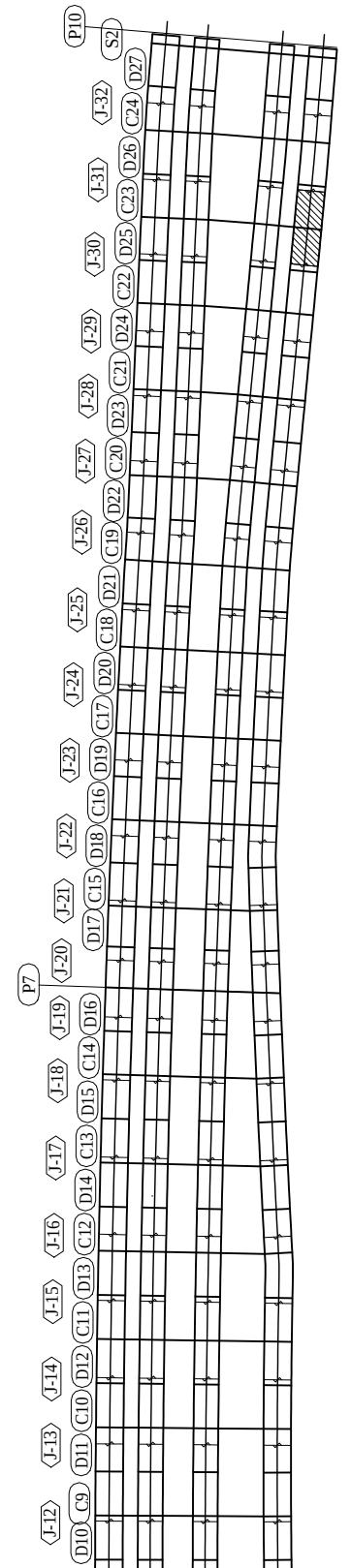
DETAIL OF GIRDER G4 (31) S=1:60



NOTES:

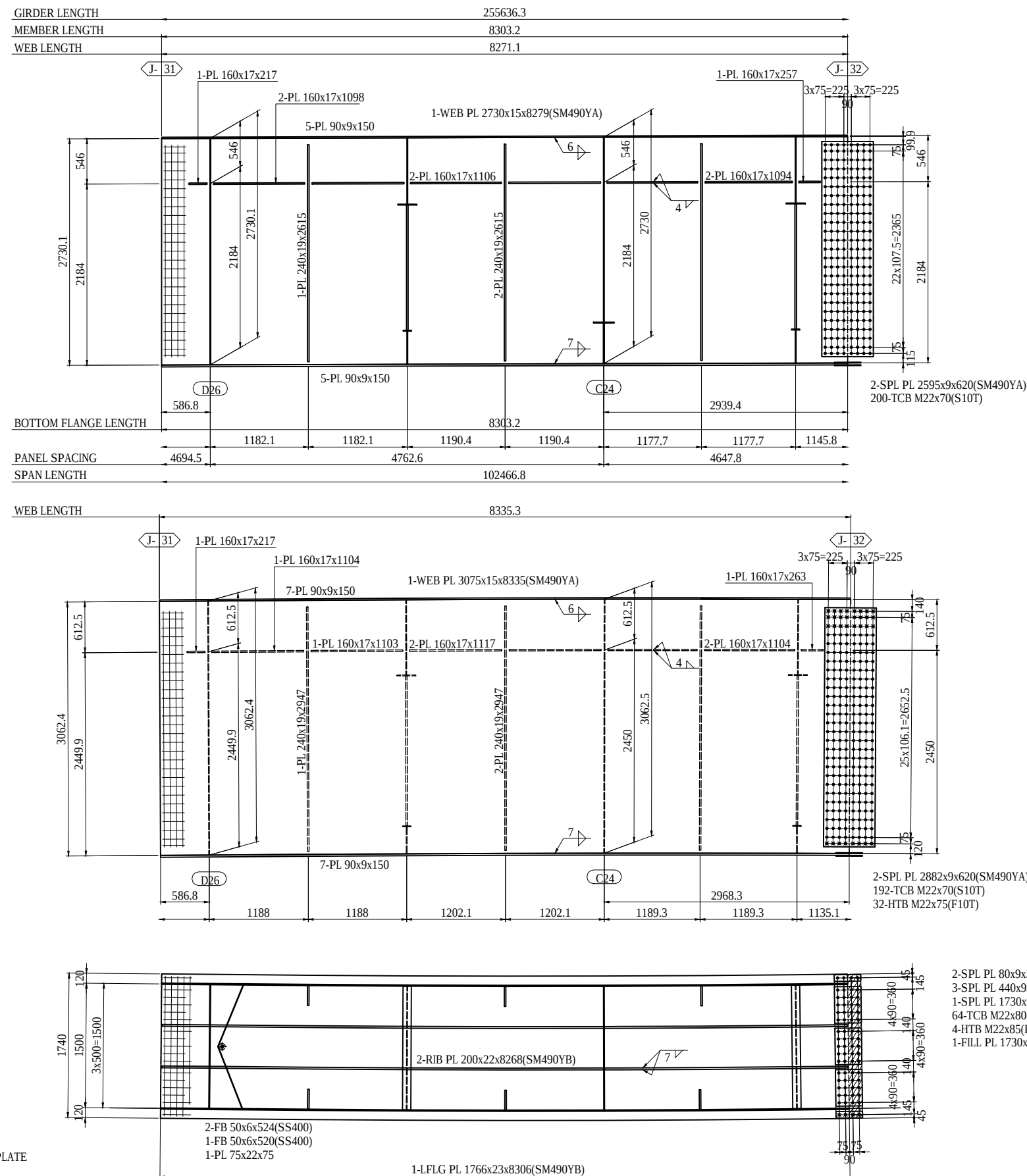
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

MARKING DIAGRAM

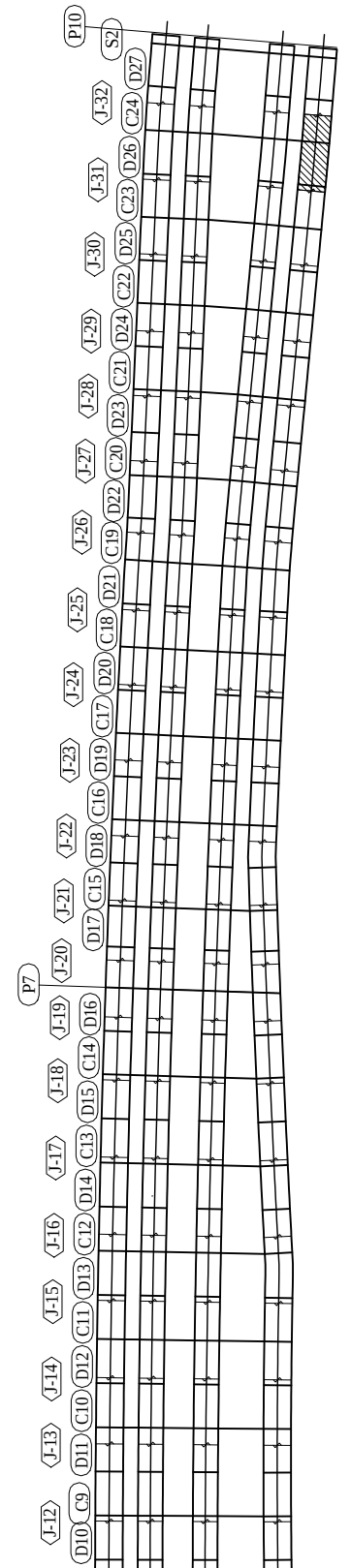


PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	PREPARED BY S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (31)	1
				CHECKED BY T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY Y. SANO		6 Oct.2017		P1-SB-1431

DETAIL OF GIRDER G4 (32) S=1:60



MARKING DIAGRAM

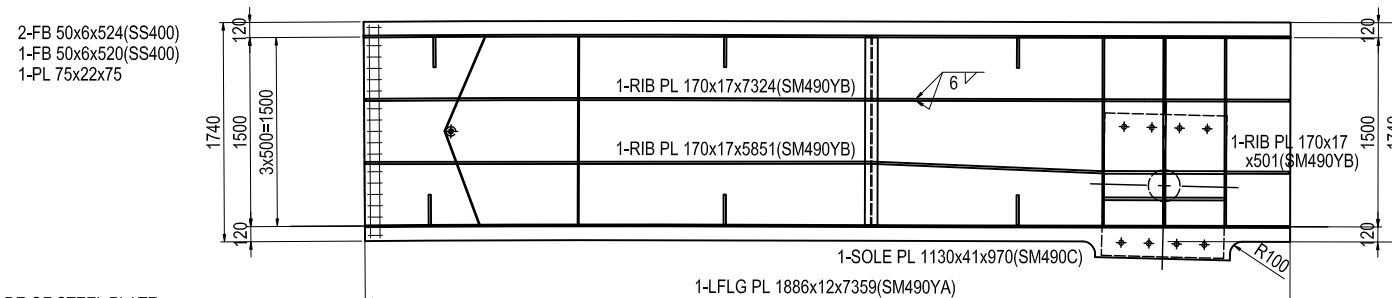
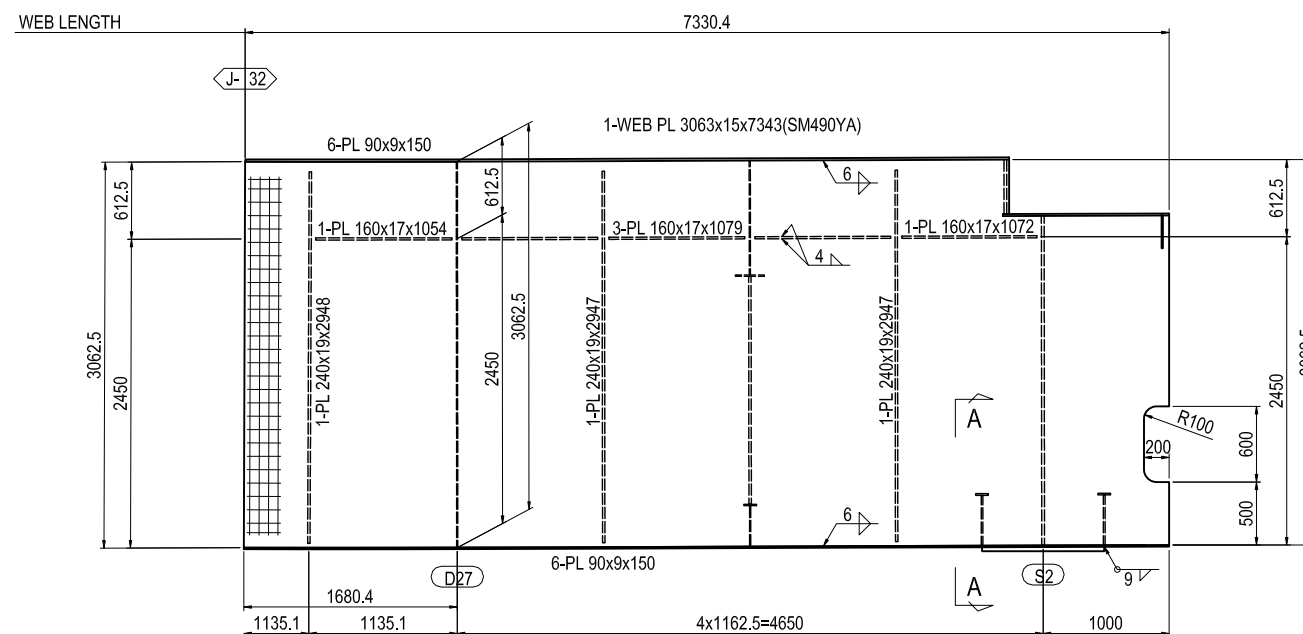


NOTES:

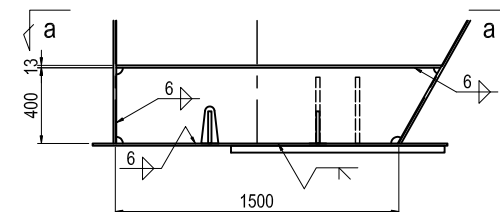
1 - STEEL GRADE OF STEEL PLATE
 UNLESS NOTE : SM400A

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.	PREPARED BY S. IMADA		29 Sept.2017	DETAIL OF GIRDER G4 (32)	1
				CHECKED BY T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY Y. SANO		6 Oct.2017		P1-SB-1432

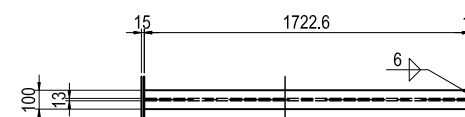
$S=1:60$



S=1:40



SECTION a-a

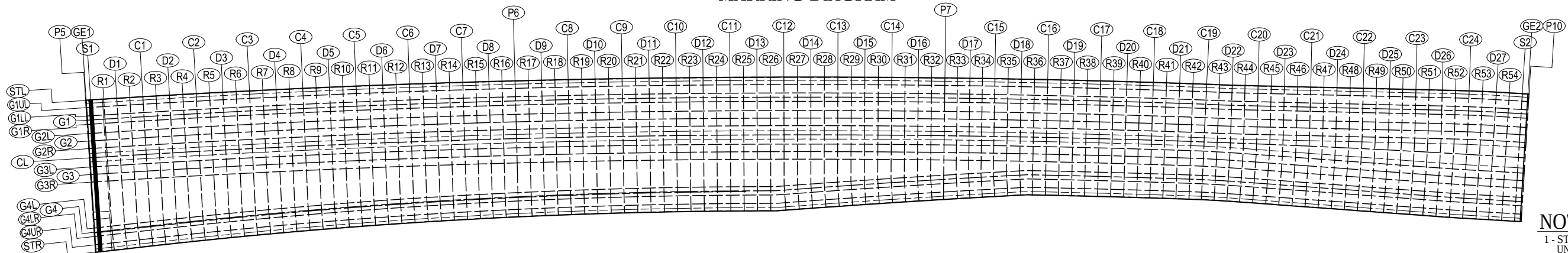
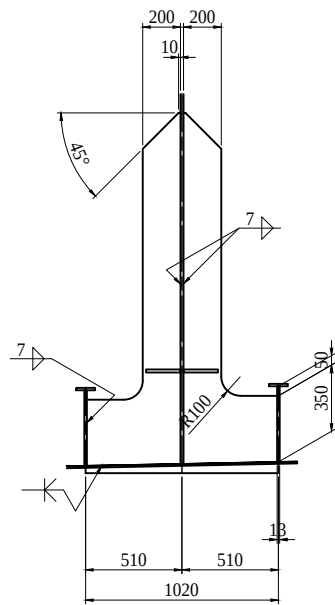


2-FLG PL 100x13x1723
2-WEB PL 400x13x1723

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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		27 Nov. 2017	DETAIL OF GIRDER G4 (33)	1
				CHECKED BY	T. HAYAKAWA		28 Nov. 2017		DWG No.
				APPROVED BY	Y. SANO		29 Nov. 2017		P1-SB-1433

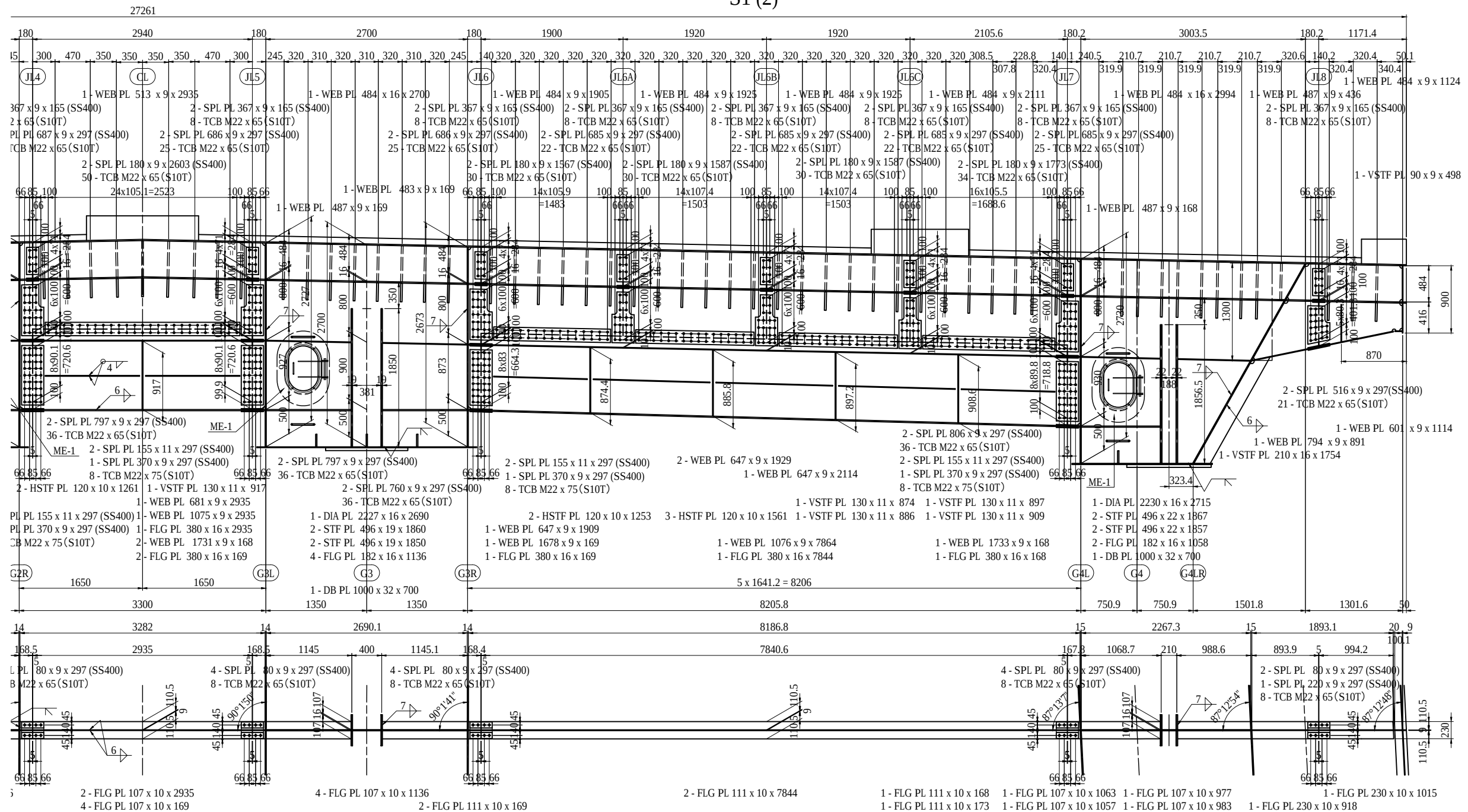
S1 (1)



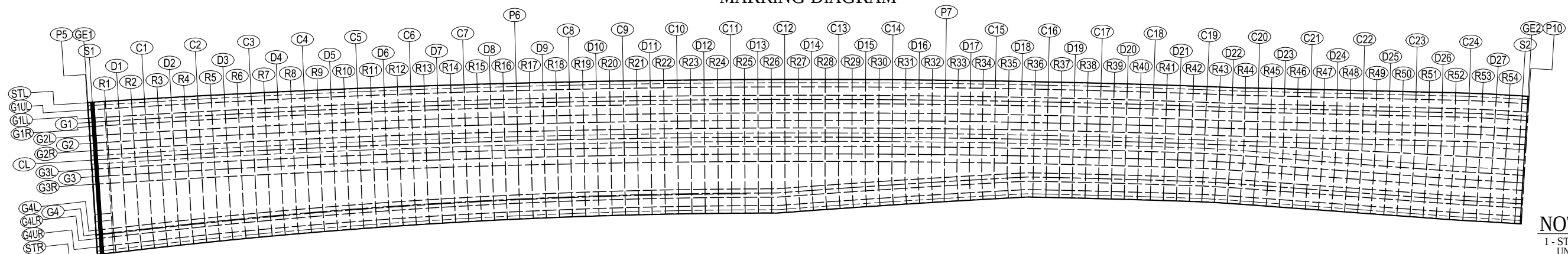
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.					DETAIL OF END CROSS GIRDER (1)	
				PREPARED BY	S. IMADA	今田 昌平	29 Sept.2017		1
				CHECKED BY	T. HAYAKAWA	山崎 知和	3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO	佐野 祐一	6 Oct.2017		P1-SB-1501

DETAIL OF END CROSS GIRDER (2) S=1:60
S1 (2)



MARKING DIAGRAM



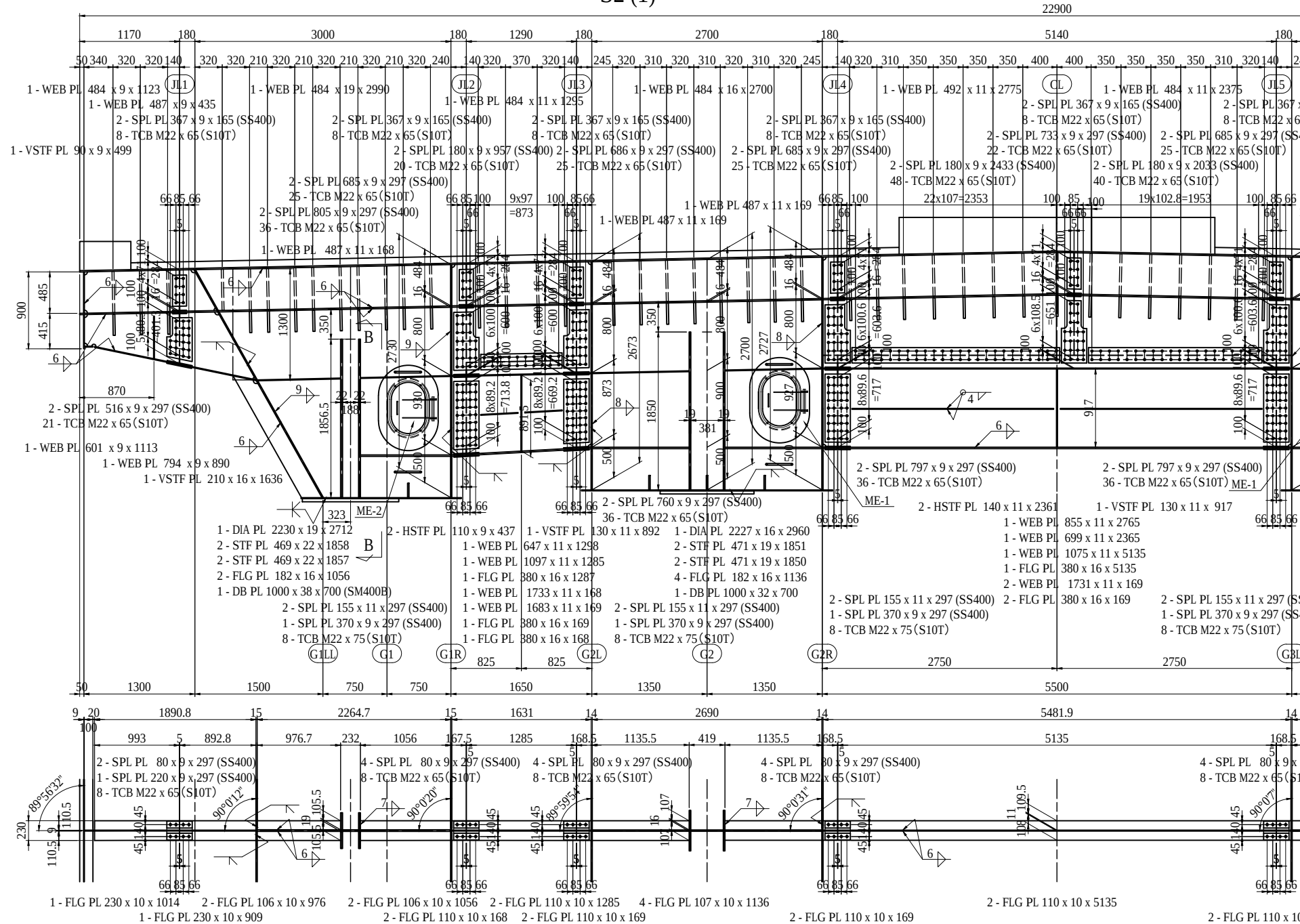
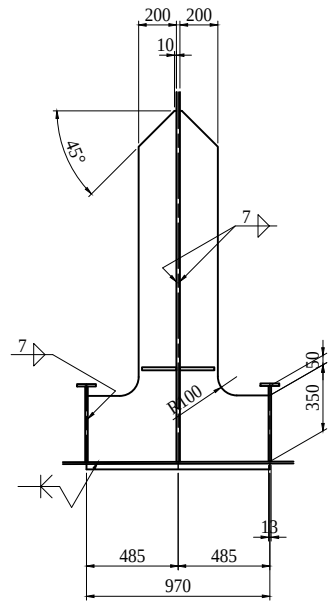
NOTES:

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

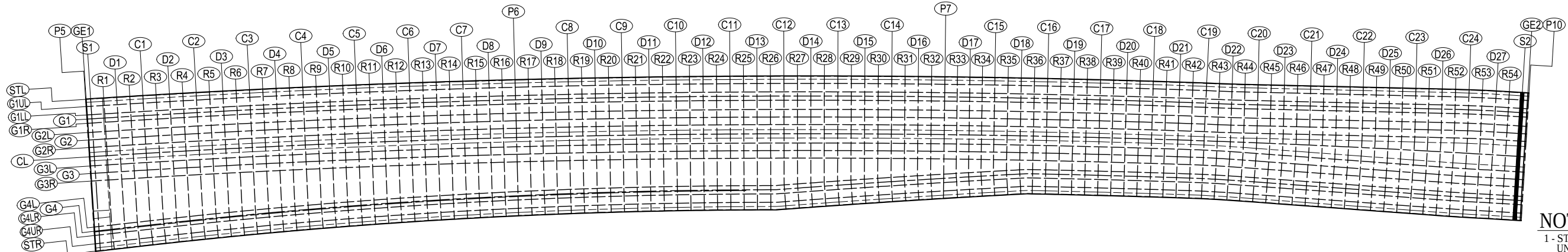
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM		NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	 JAPAN INTERNATIONAL COOPERATION AGENCY	 REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF END CROSS GIRDER (2)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1502

DETAIL OF END CROSS GIRDER (3) S=1:60 S2 (1)

SECTION B - B S=1:40



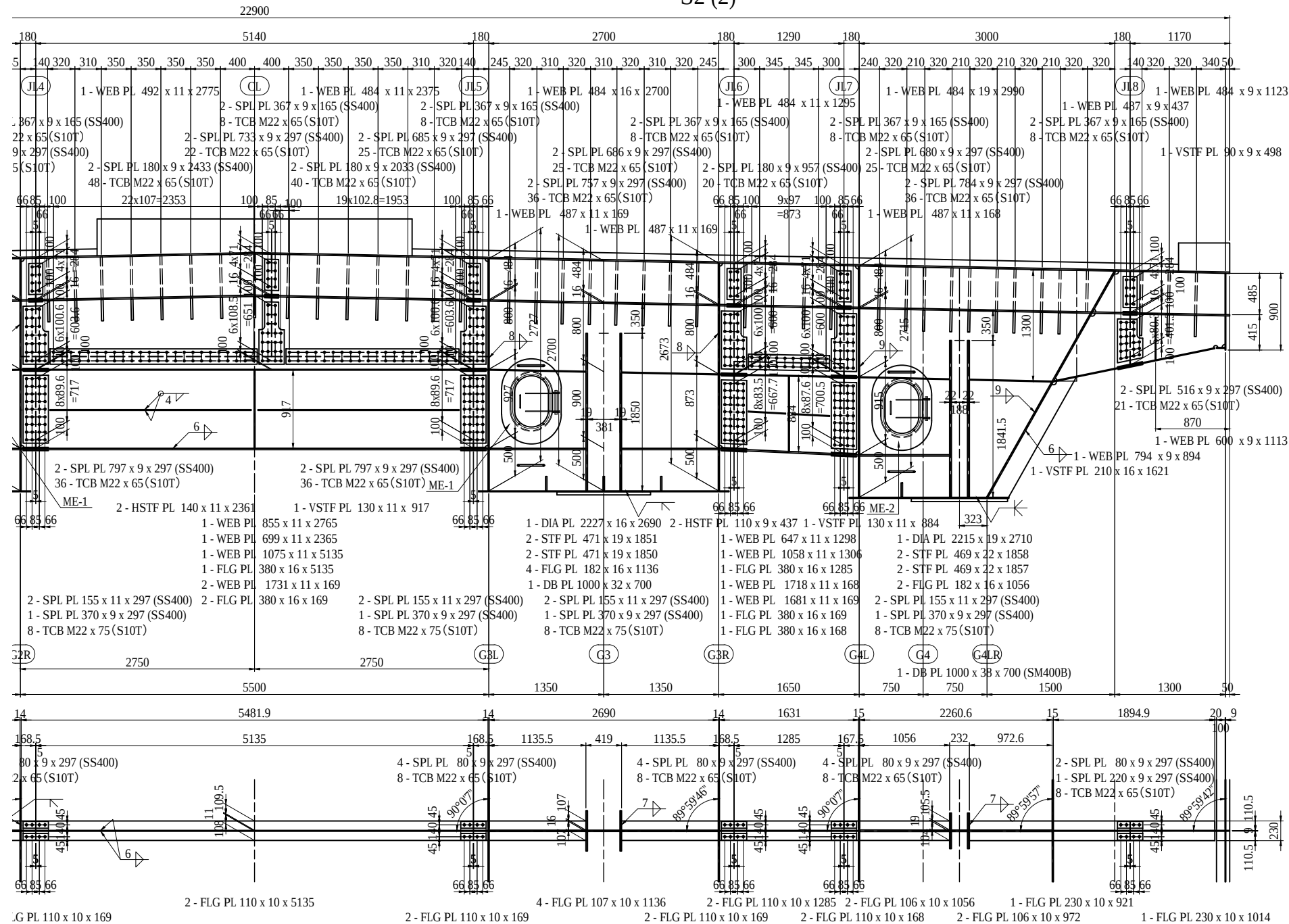
MARKING DIAGRAM



NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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 T. HAYAKAWA DATE 29 Sept.2017 3 Oct.2017 6 Oct.2017	DRAWING TITLE DETAIL OF END CROSS GIRDER (3)	PACKAGE 1 DWG No. P1-SB-1503
---	--	---	--	--	---	---------------------------------------

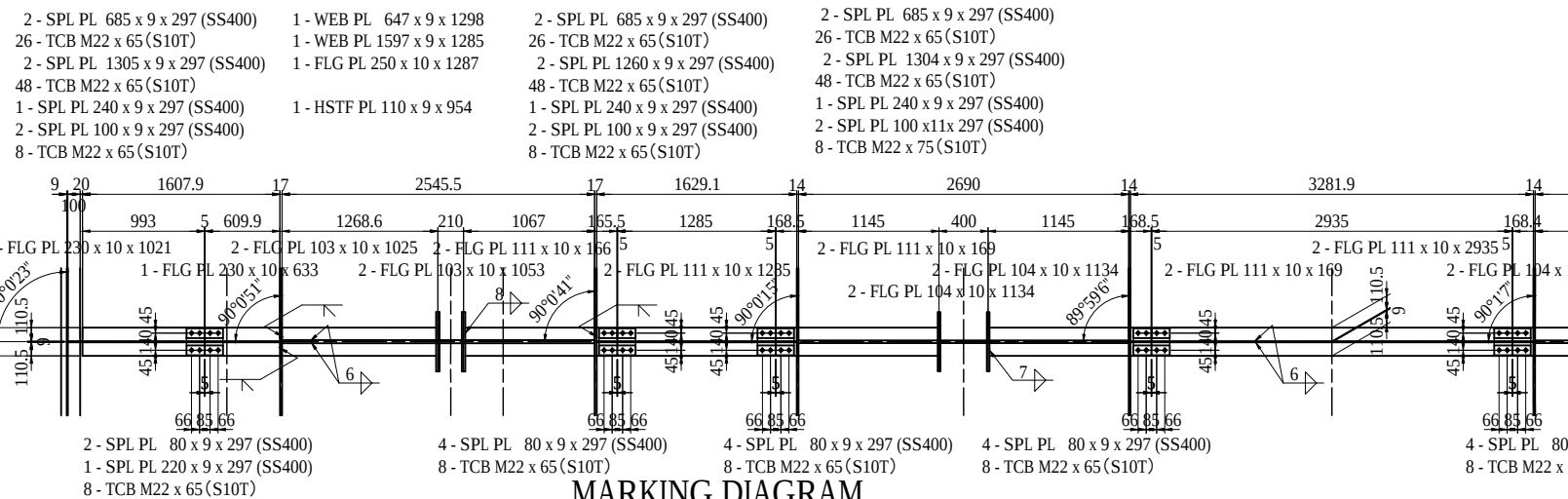
DETAIL OF END CROSS GIRDER (4) S=1:60
S2 (2)



S=1:60

SECTION B - B S=1:40

Technical drawing of a mechanical part, likely a pump or valve assembly, showing dimensions and tolerances. The drawing includes a central vertical shaft with a diameter of $\varnothing 10$ and a section line labeled $\langle 8 \rangle$. The top flange has a diameter of $\varnothing 230$ and a thickness of 10. The main body has a diameter of $\varnothing 230$ and a height of 350. The base has a diameter of $\varnothing 1100$ and a height of 6. The drawing also shows a 45° angle and a 100mm dimension for the base flange.



MARKING DIAGRAM

The diagram shows a grid of points labeled C1 through C27, D1 through D27, R1 through R54, and S1 through S2. The grid is divided into sections by dashed lines. A vertical line is labeled P6 and P7, and a horizontal line is labeled GE1 and GE2. The grid is divided into sections by dashed lines.

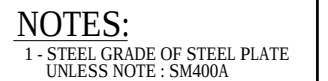
STL
G1UL
G1LL
G1R
G2L
G2R
CL
G3L
G3R
G4L
G4LR
G4UR
STR

NO
1-ST

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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		29 Sept.2017	DETAIL OF MIDDLE CROSS GIRDER (1)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1511

S=1:60



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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF MIDDLE CROSS GIRDER (2)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1512

S=1:60

21784.9



1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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	  	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF MIDDLE CROSS GIRDER (3)	1 DWG No. P1-SB-1513

C1 T0 C3 (1)



MARKING DIAGRAM



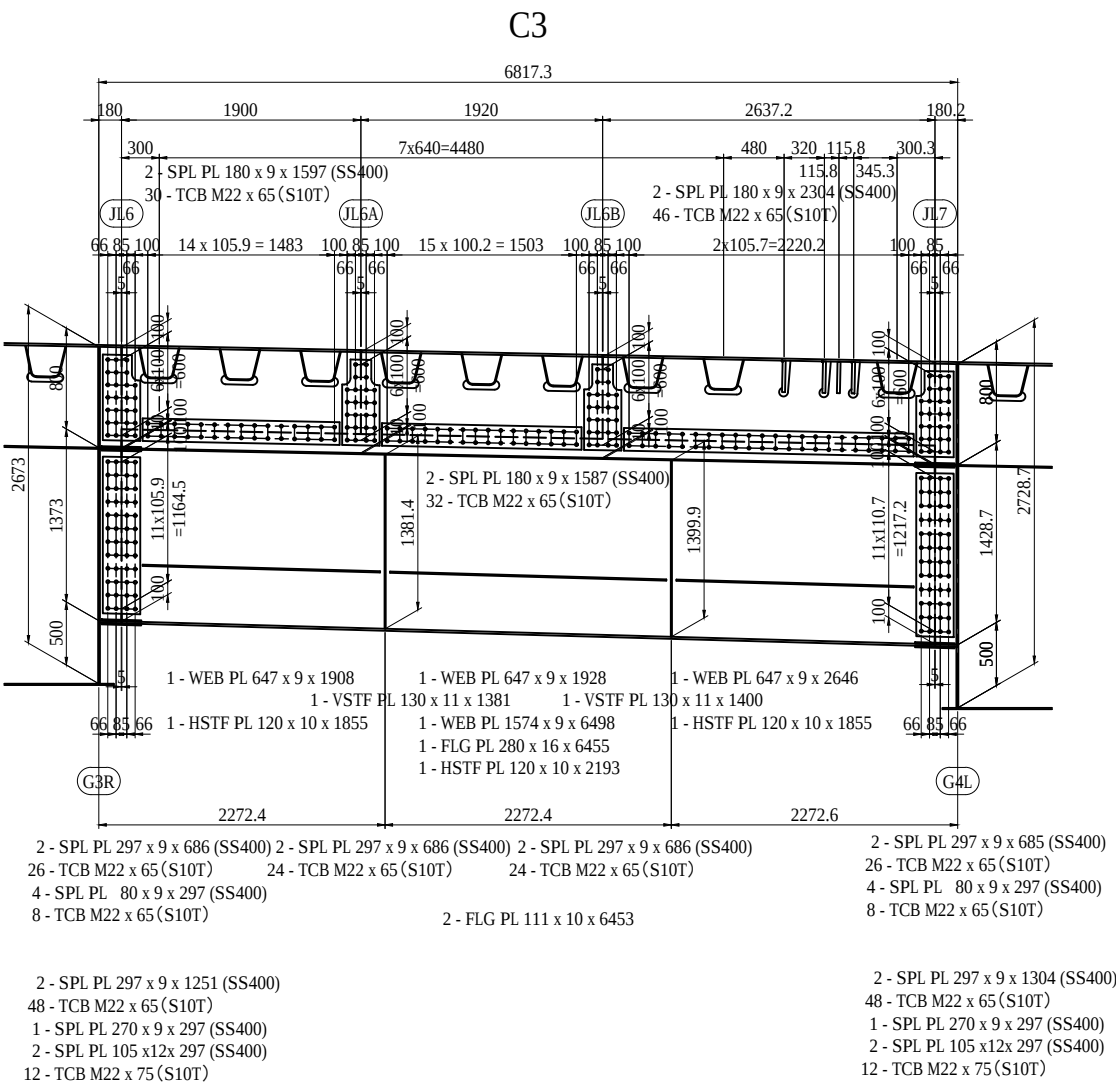
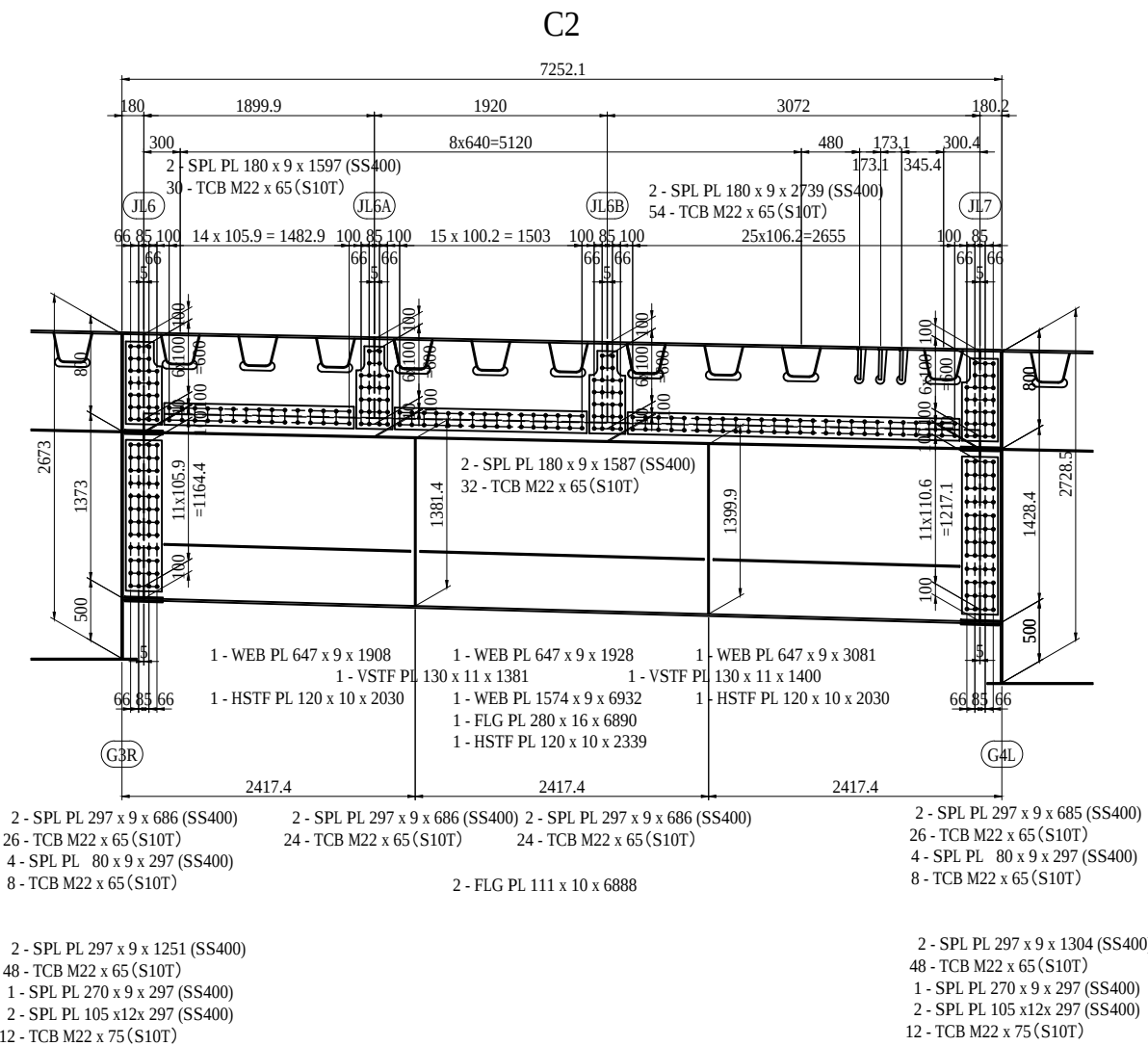
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD.  NIPPON ENGINEERING CONSULTANTS CO.,LTD.					DETAIL OF CROSS GIRDER SECTION (1)	1
				PREPARED BY	S. IMADA		29 Sept.2017		DWG No.
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		P1-SB-1521
				APPROVED BY	Y. SANO		6 Oct.2017		

[illegible]

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		29 Sept.2017	DETAIL OF CROSS GIRDER SECTION (2)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1522

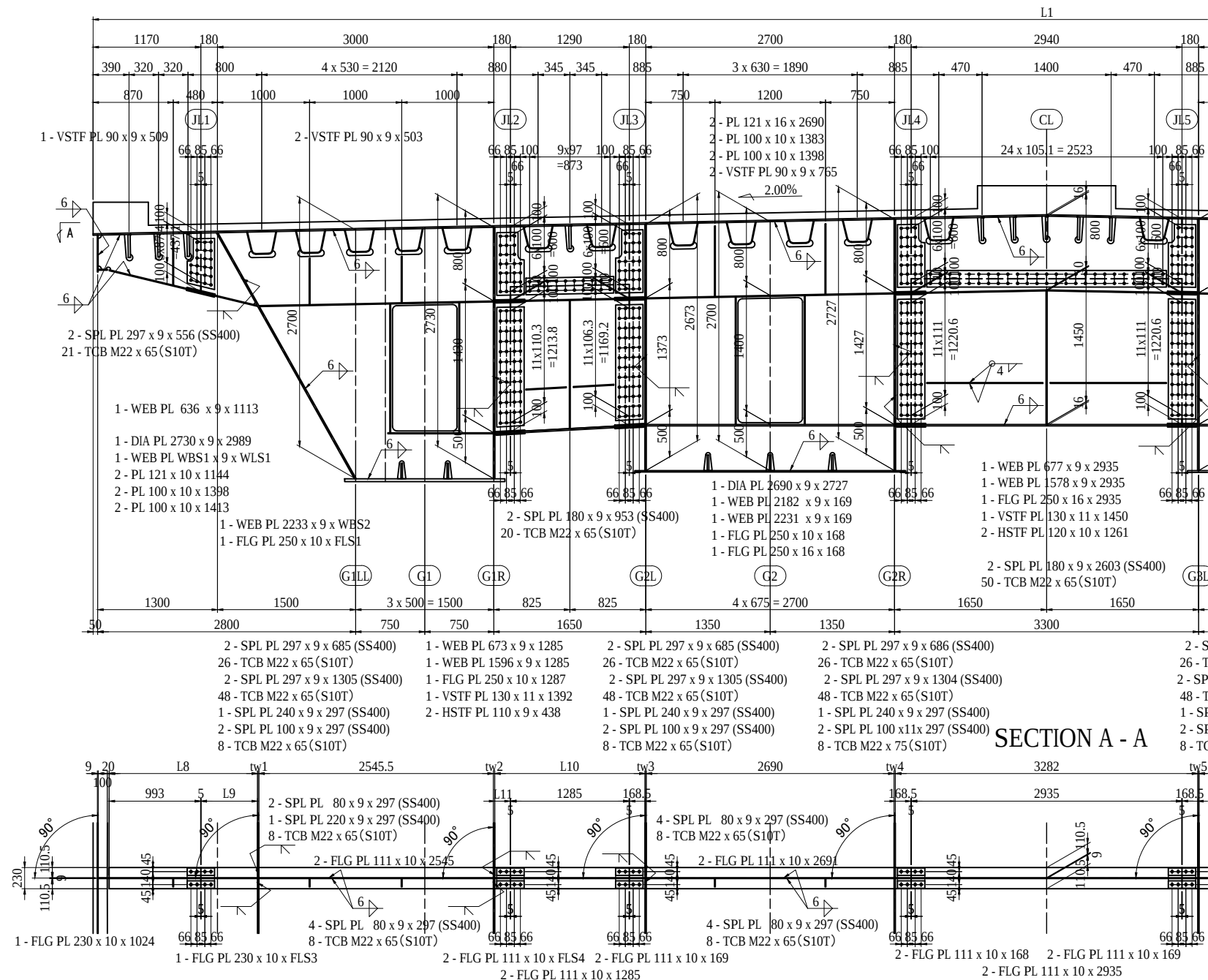
DETAIL OF CROSS GIRDER SECTION(3) S=1:60
C1 TO C3 (3)



NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A
2 - UNLESS NOTED OTHERWISE
SEE DWG NO. P2-SB-1308 & 1309.

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	29 Sept.2017	DETAIL OF CROSS GIRDER SECTION (3)	1
					CHECKED BY	T. HAYAKAWA	3 Oct.2017		DWG No.
					APPROVED BY	Y. SANO	6 Oct.2017		P1-SB-1523

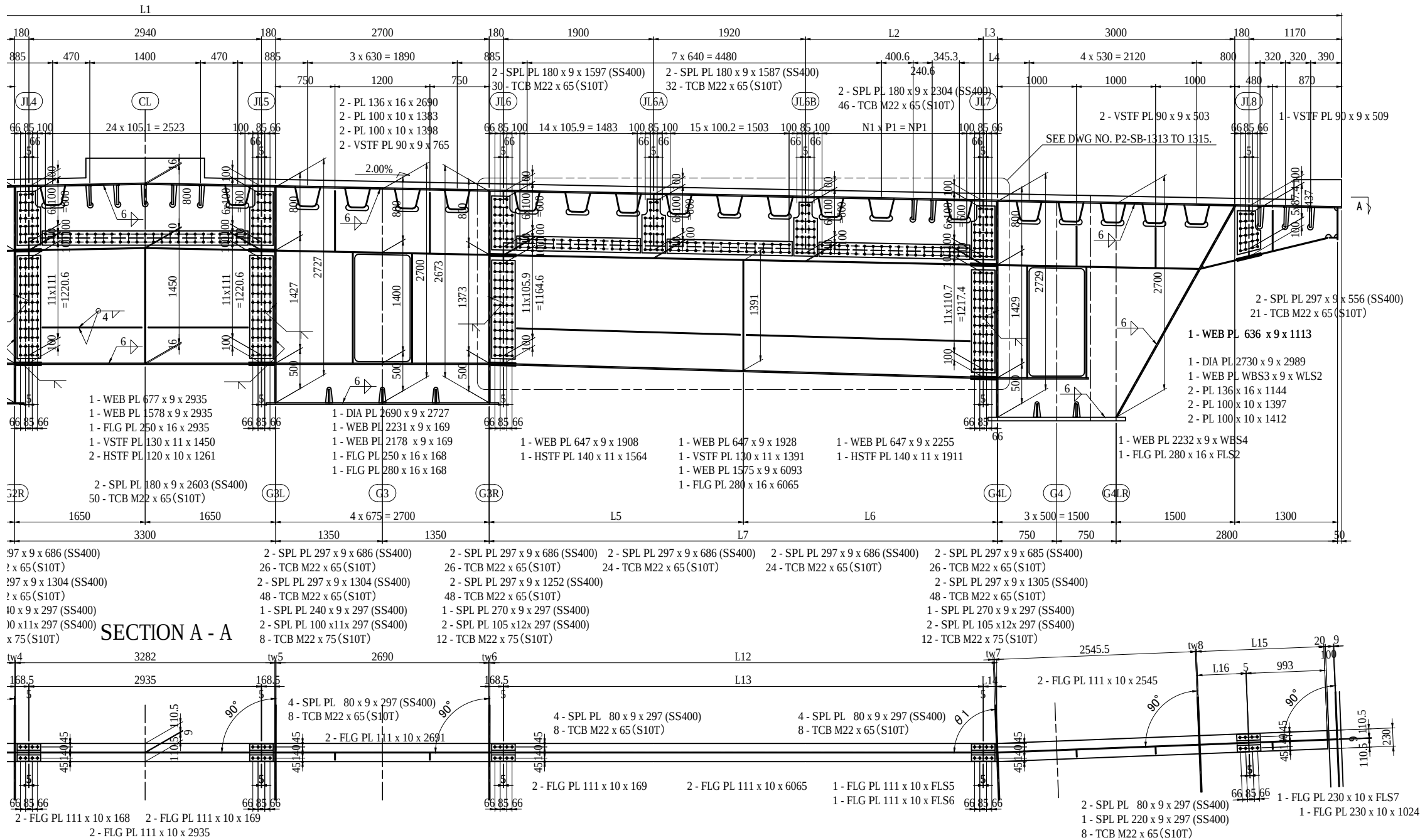
DETAIL OF CROSS GIRDER SECTION(4) S=1:60
C4 TO C12 (1)



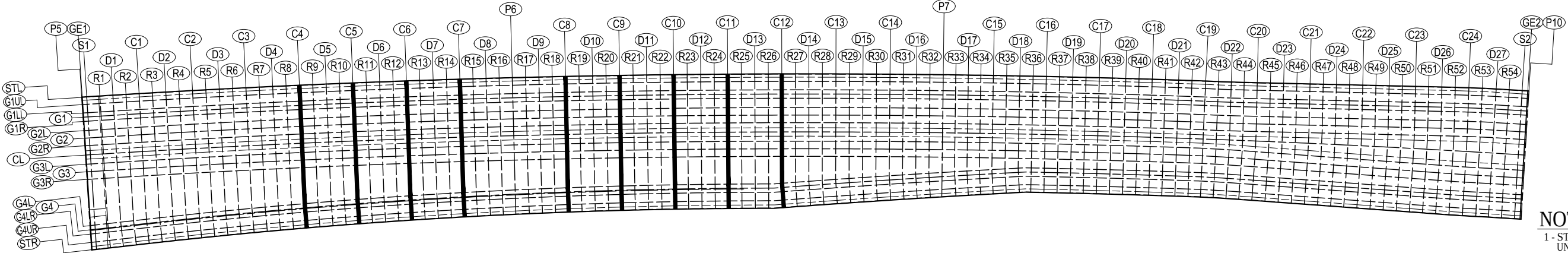
NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF CROSS GIRDER SECTION (4)	1 DWG No. P1-SB-1524

DETAIL OF CROSS GIRDER SECTION(5) S=1:60
C4 TO C12 (2)



MARKING DIAGRAM

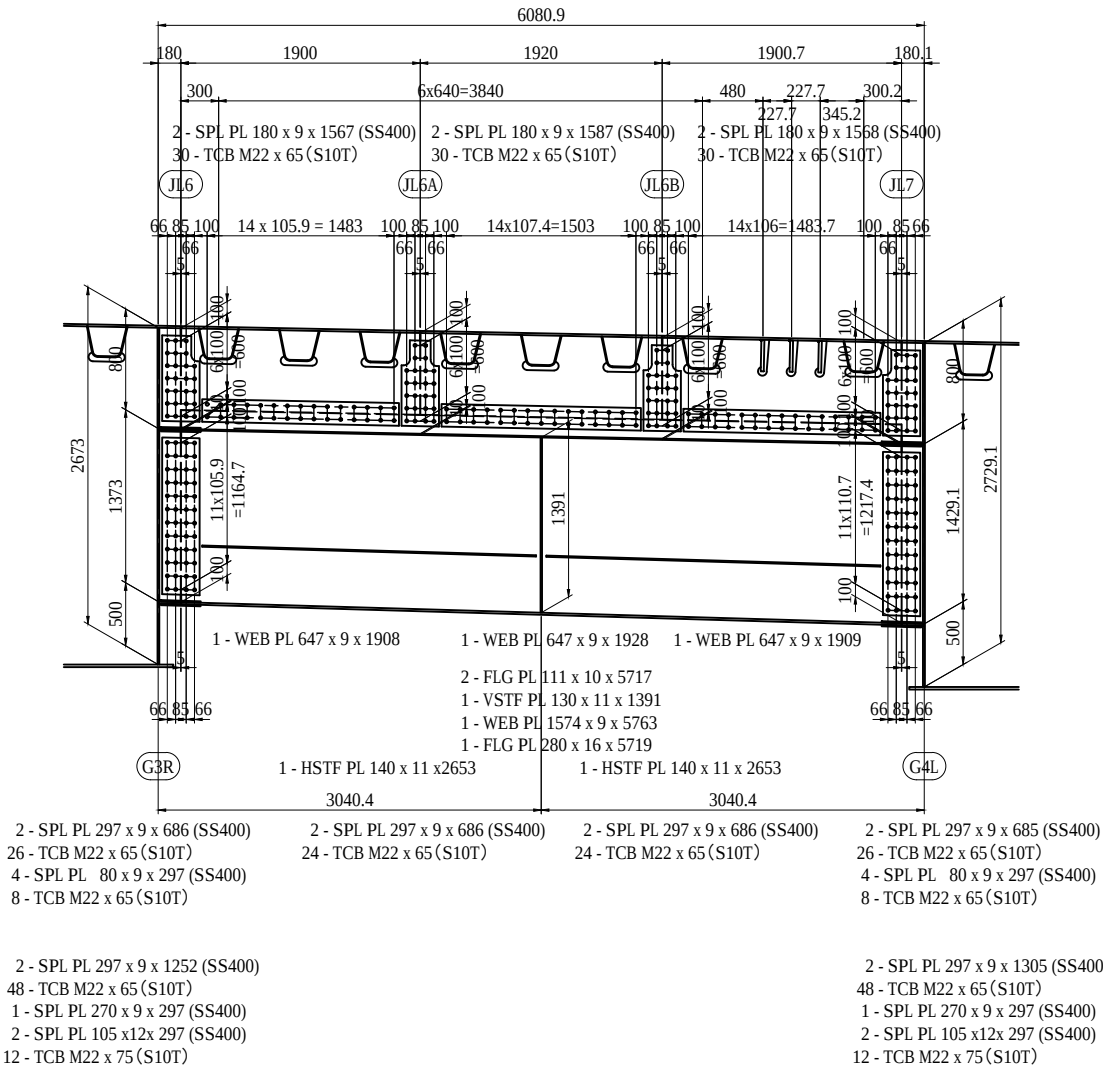


NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

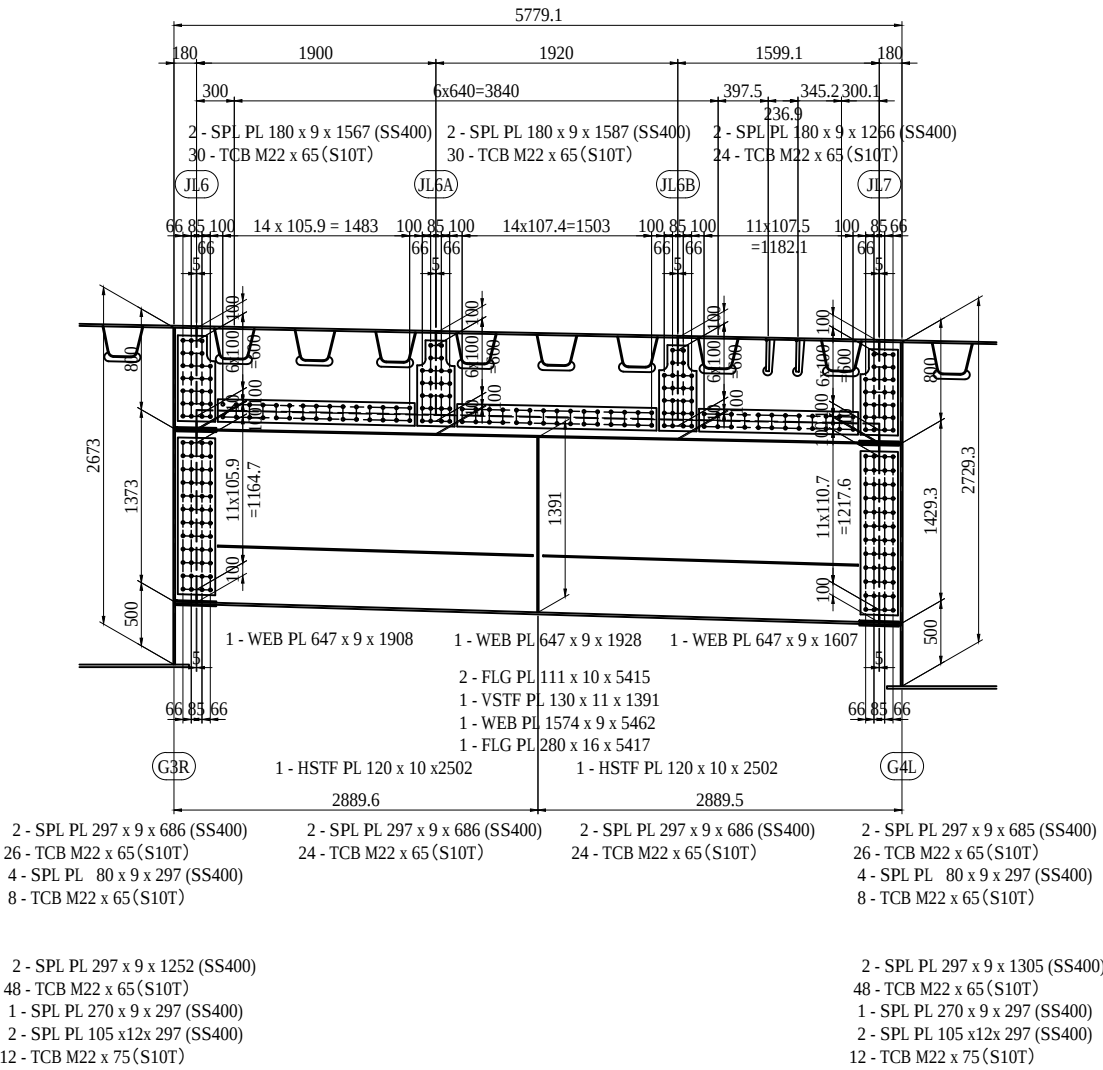
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF CROSS GIRDER SECTION (5)	1 DWG No. P1-SB-1525

DETAIL OF CROSS GIRDER SECTION(6) S=1:60
C4 TO C12 (3)

C5



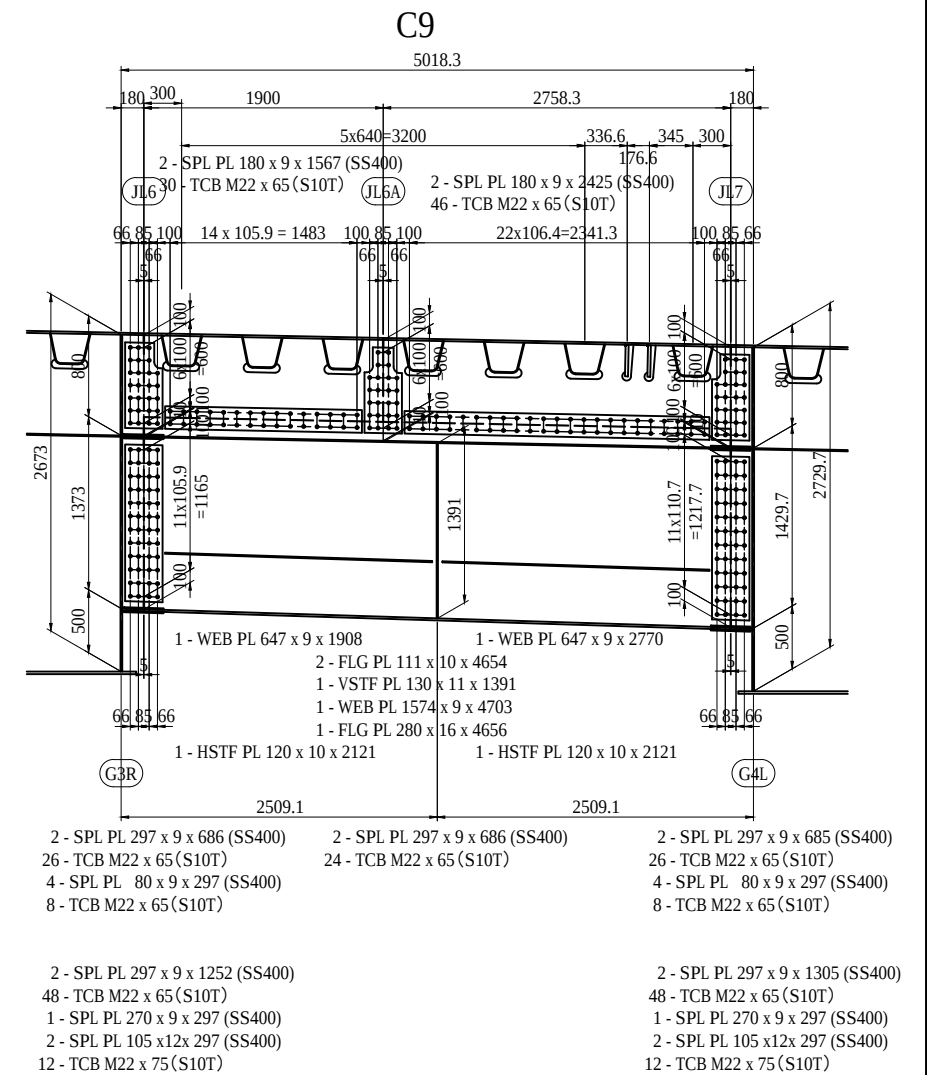
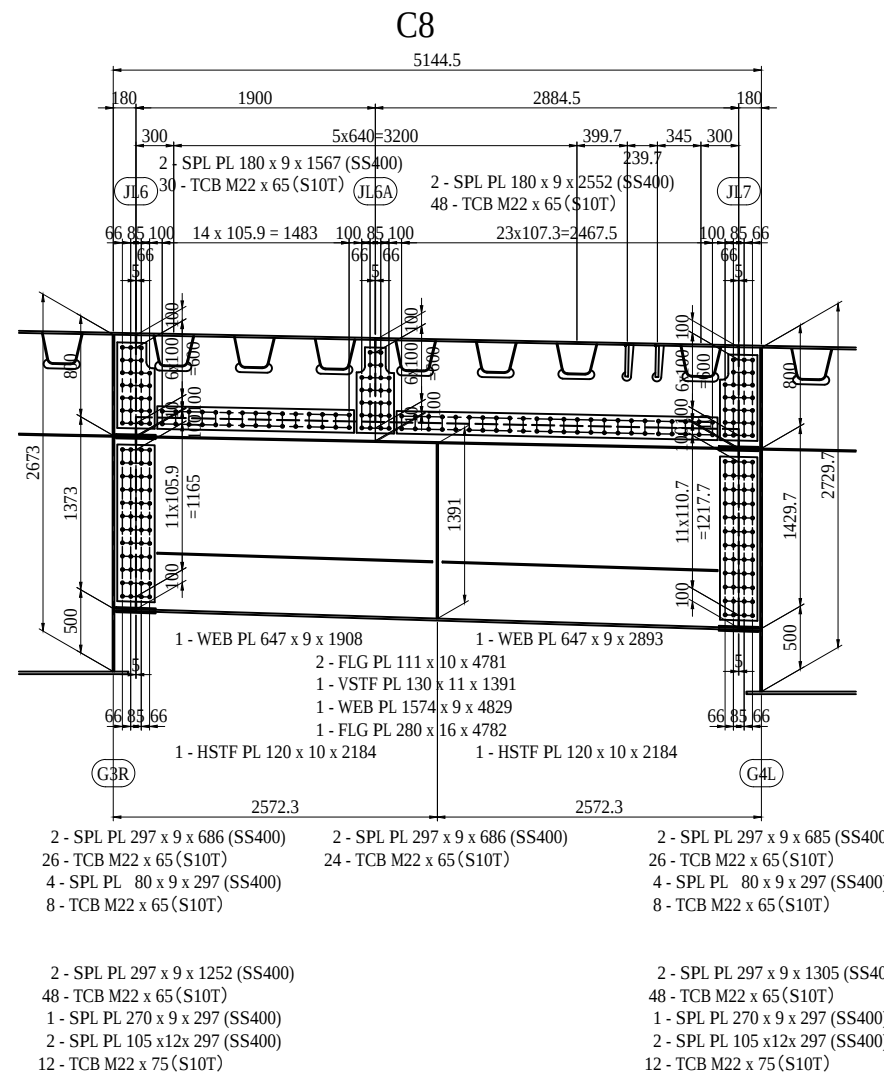
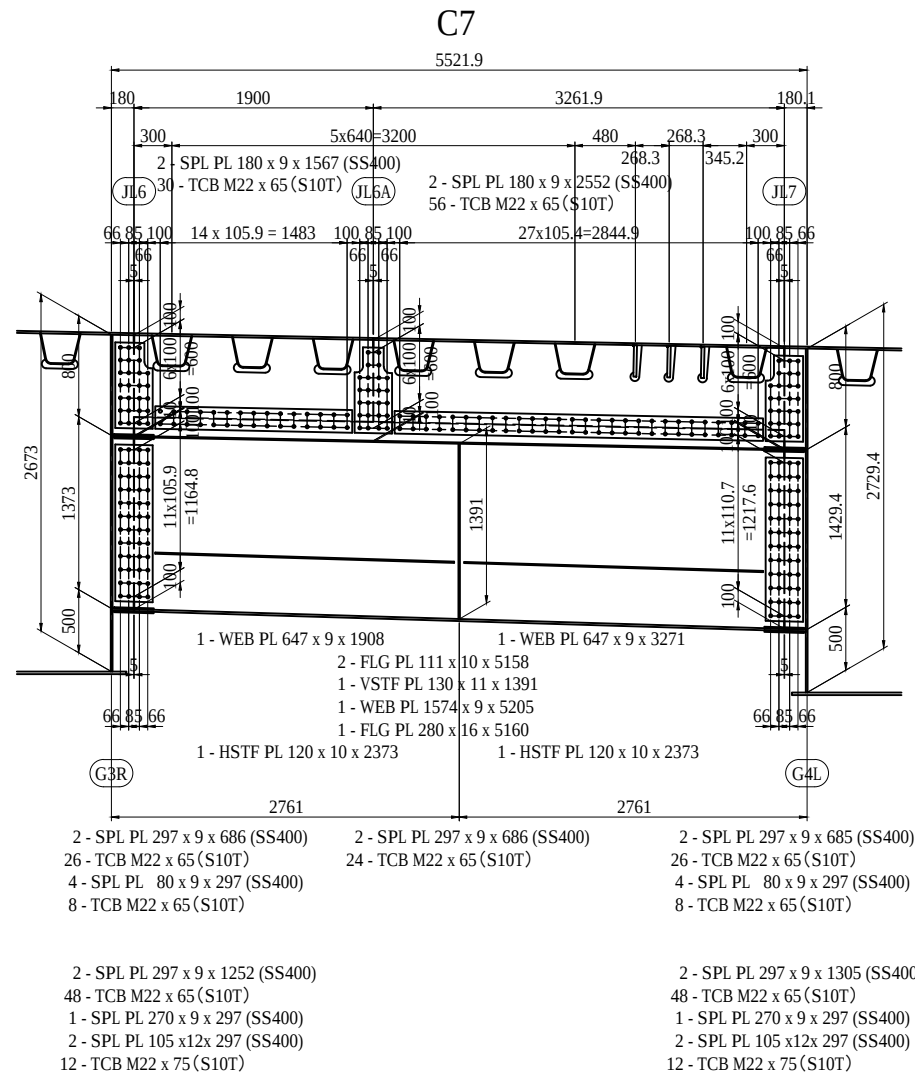
C6



NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A
2 - UNLESS NOTED OTHERWISE
SEE DWG NO. P2-SB-1311 & 1312.

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.	PREPARED BY S. IMADA		29 Sept.2017	DETAIL OF CROSS GIRDER SECTION (6)	1
				CHECKED BY T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY Y. SANO		6 Oct.2017		P1-SB-1526

DETAIL OF CROSS GIRDER SECTION (7) S=1:60
C4 TO C12 (4)

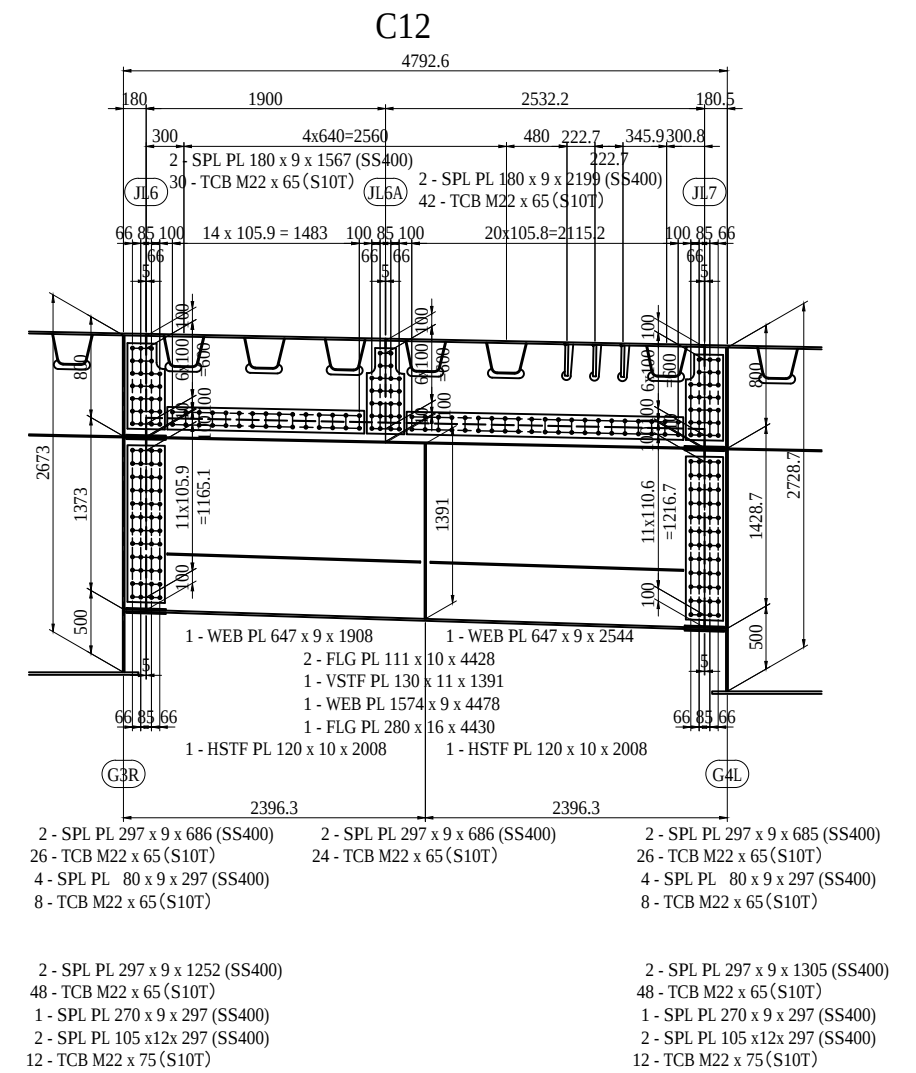
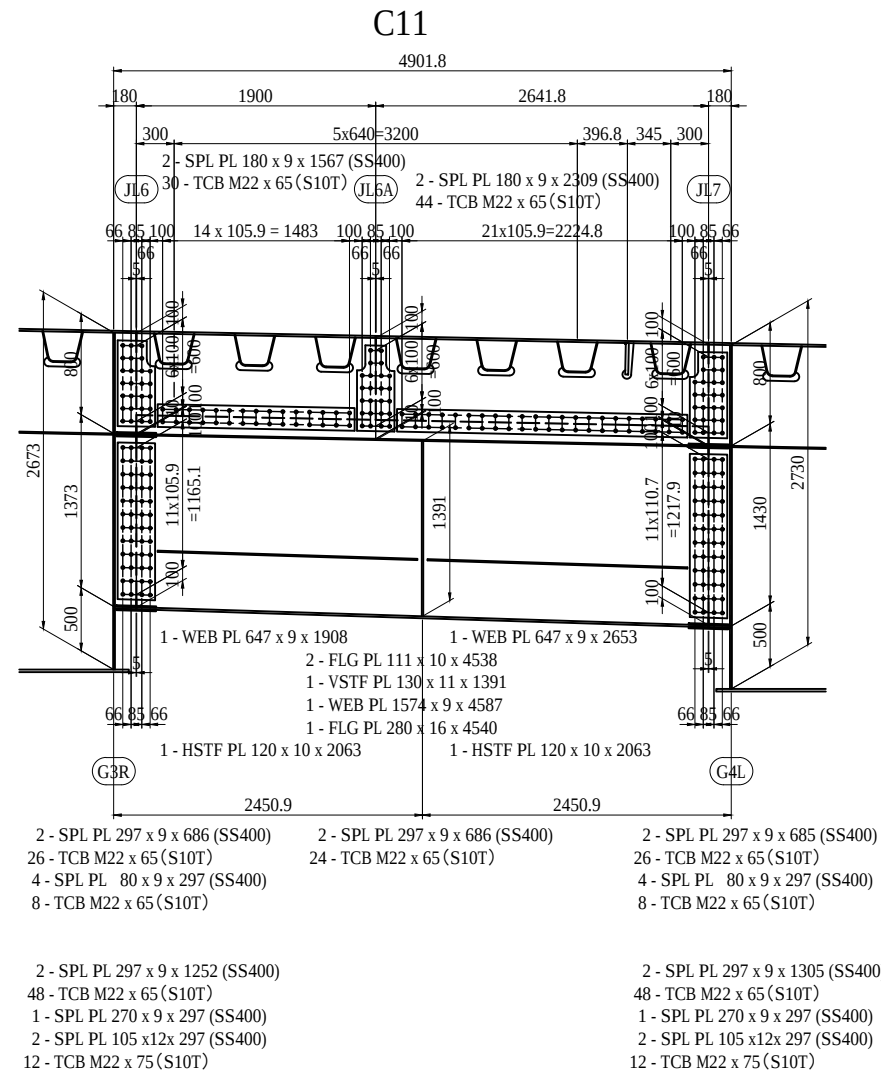
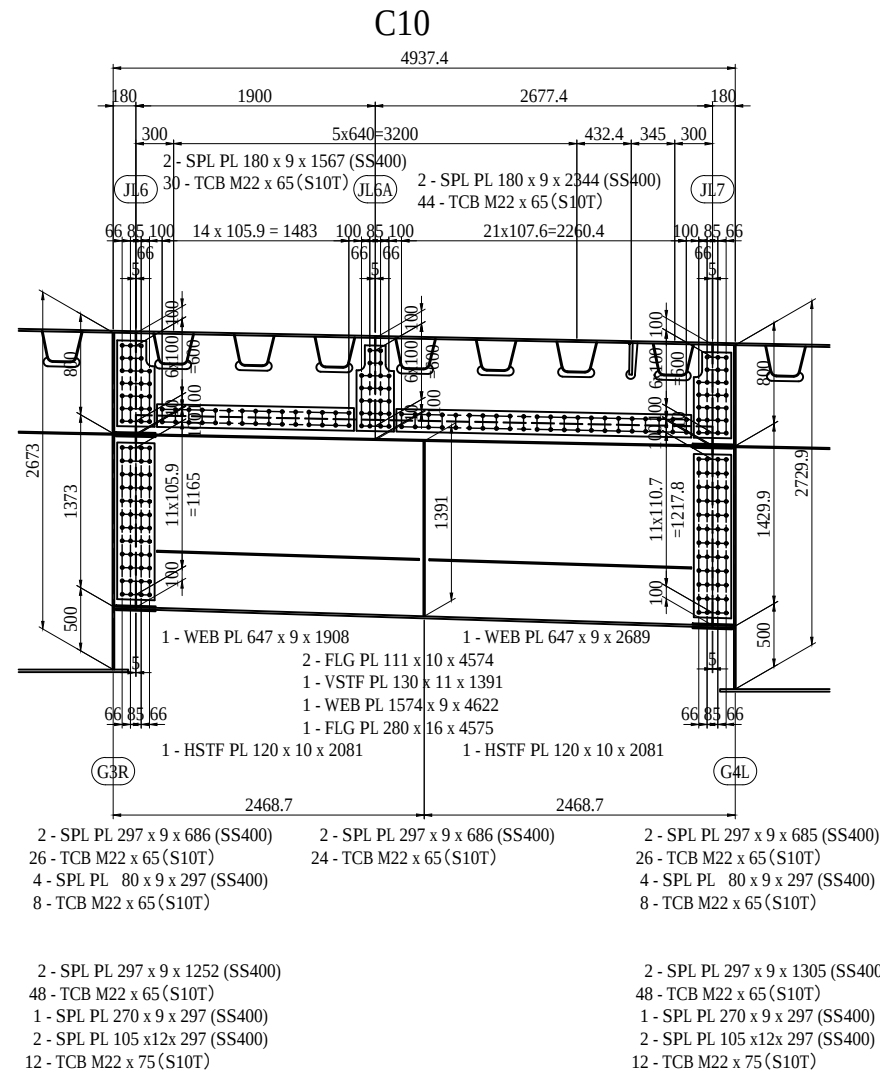


NOTES:

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A
2 - UNLESS NOTED OTHERWISE
SEE DWG NO. P2-SB-1311 & 1312.

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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED  CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF CROSS GIRDER SECTION (7)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1527

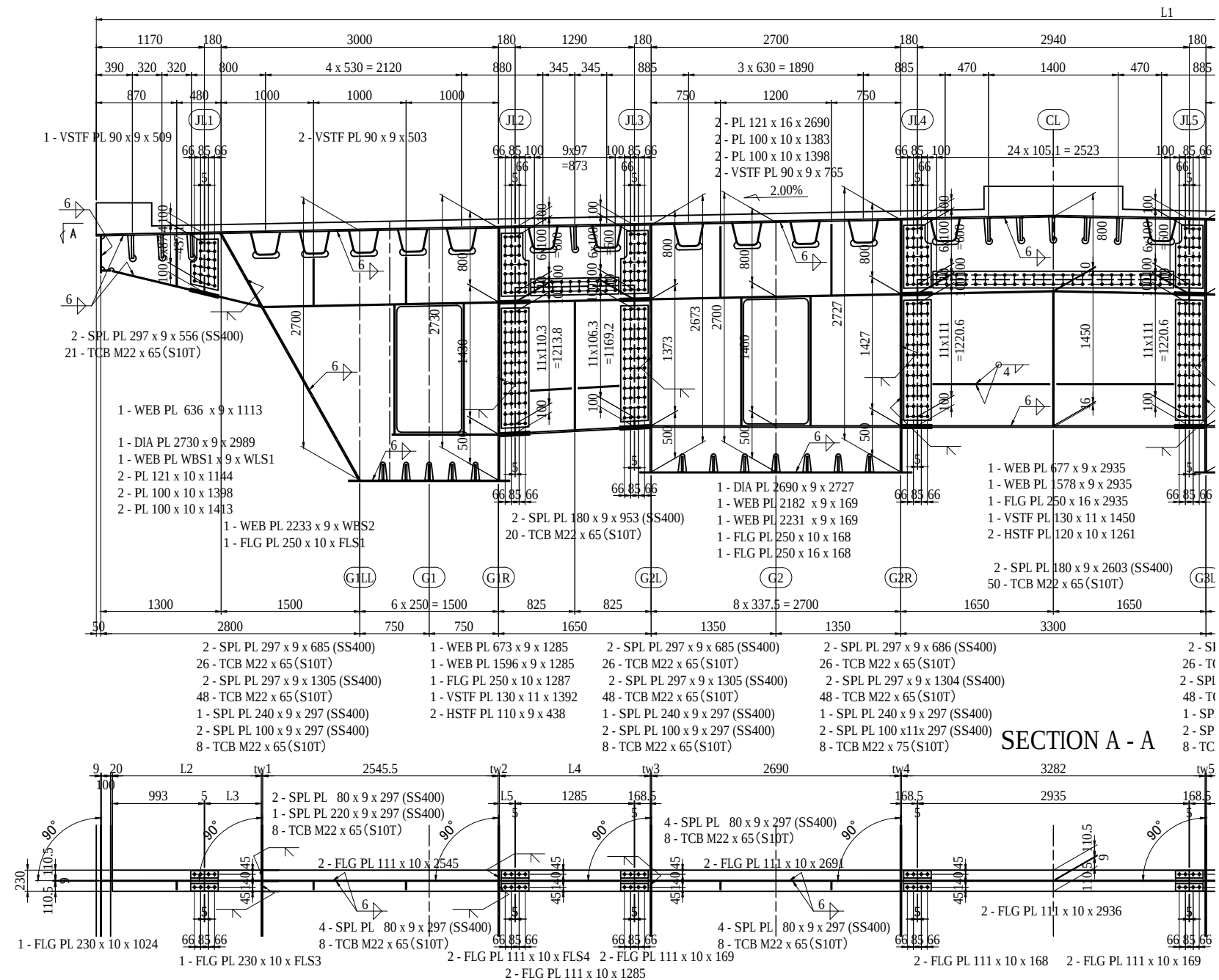
DETAIL OF CROSS GIRDER SECTION (8) S=1:60
C4 TO C12 (5)



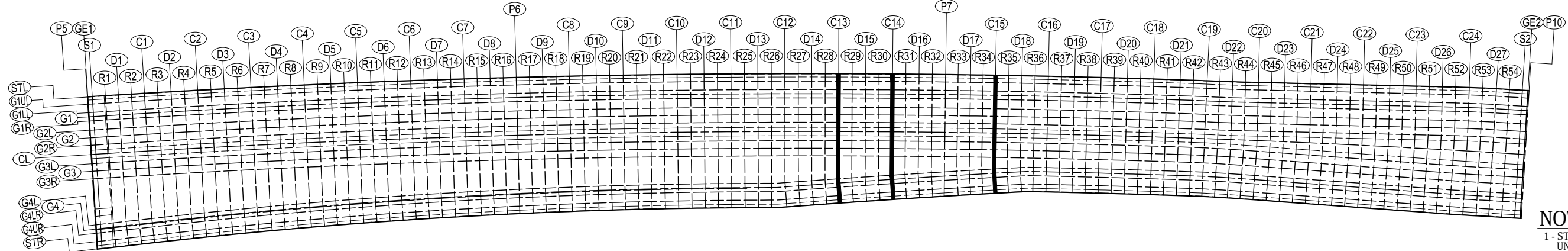
NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTED : SM400A
2 - UNLESS NOTED OTHERWISE
SEE DWG NO. P2-SB-1311 & 1312.

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	 NIPON KOEI CO., LTD.  ORIENTAL CONSULTANTS GLOBAL CO., LTD.  METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD.  NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY	S. IMADA		29 Sept.2017	DETAIL OF CROSS GIRDER SECTION (8)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1528

DETAIL OF CROSS GIRDER SECTION(9) S=1:60
C13 TO C15 (1)



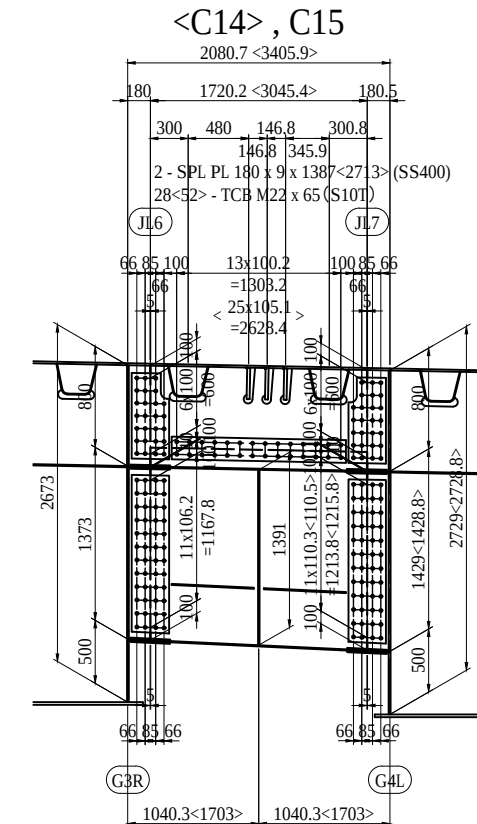
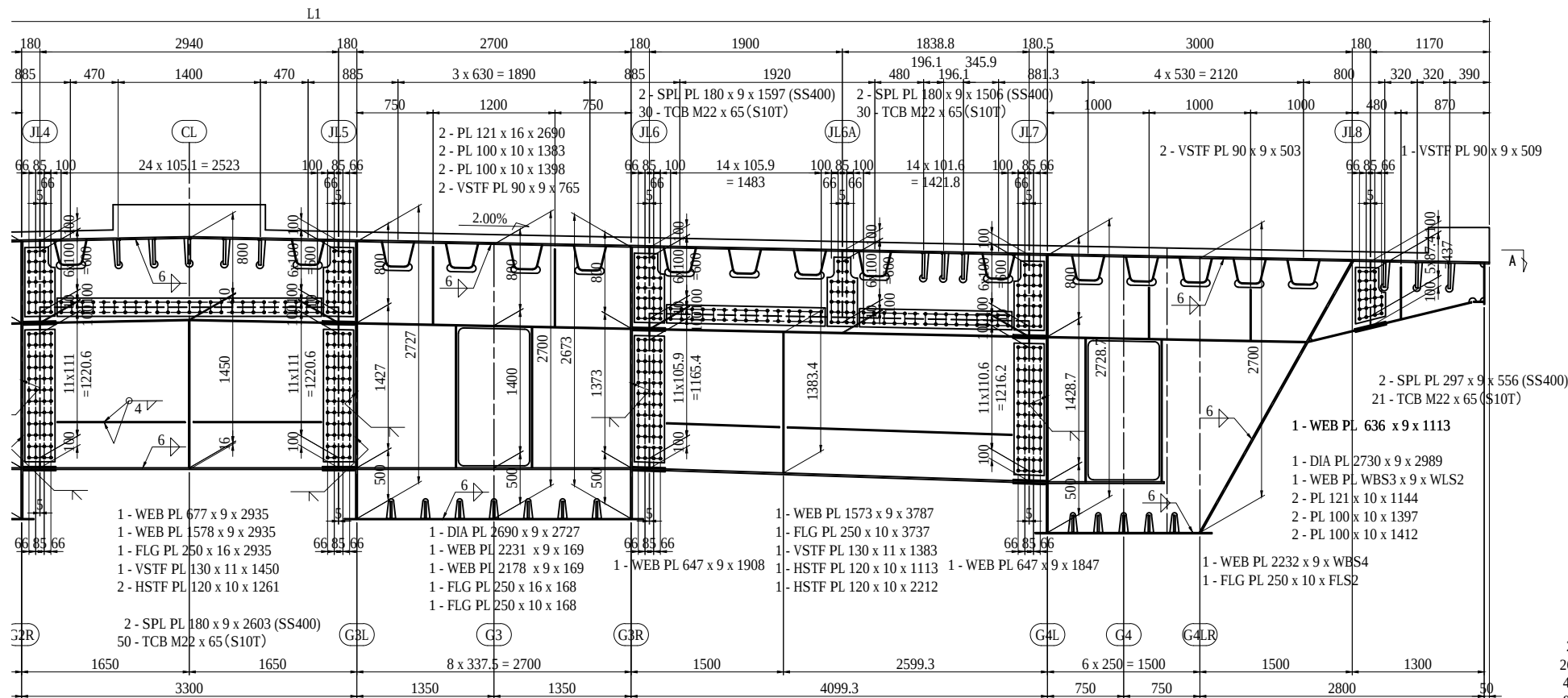
MARKING DIAGRAM



NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

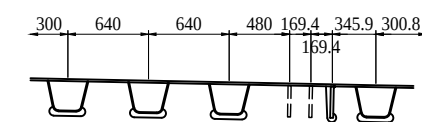
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF CROSS GIRDER SECTION (9)	1 DWG No. P1-SB-1529

DETAIL OF CROSS GIRDER SECTION (10) S=1:60 C13 TO C15 (2)

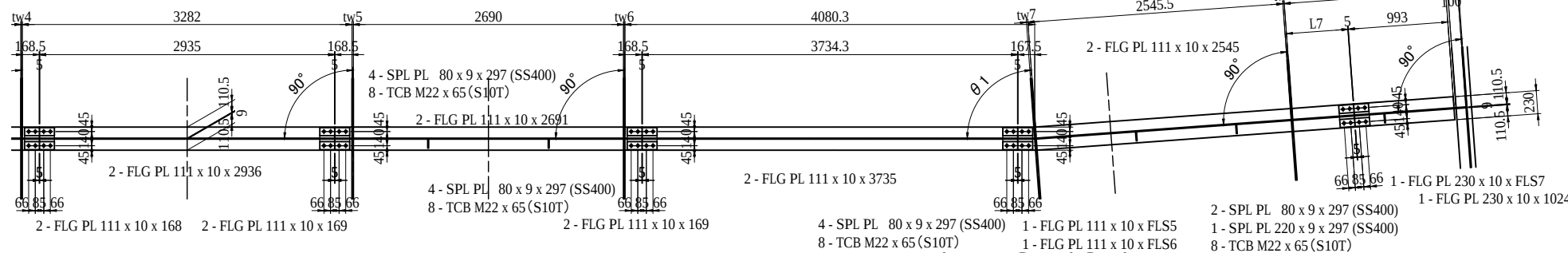


- 2 - SPL PL 297 x 9 x 686 (SS400)
- 26 - TCB M22 x 65 (S10T)
- 4 - SPL PL 80 x 9 x 297 (SS400)
- 8 - TCB M22 x 65 (S10T)
- 2 - SPL PL 297 x 9 x 1258 (SS400)
- 48 - TCB M22 x 65 (S10T)
- 1 - SPL PL 240 x 9 x 297 (SS400)
- 2 - SPL PL 100 x 9 x 297 (SS400)
- 8 - TCB M22 x 65 (S10T)
- 1 - WEB PL 647 x 9 x 1732<3054>
- 1 - VSTF PL 130 x 11 x 1391
- 1 - WEB PL 1412<1634> x 9 x 1781<3040>
- 1 - FLG PL 250 x 10 x 1718<3042>
- 1 - HSTF PL 110 x 9 x 652<1315>
- 1 - HSTF PL 110 x 9 x 652<1315>
- 2 - SPL PL 297 x 9 x 1304 (SS400)
- 48 - TCB M22 x 65 (S10T)
- 1 - SPL PL 240 x 9 x 297 (SS400)
- 2 - SPL PL 100 x 9 x 297 (SS400)
- 8 - TCB M22 x 65 (S10T)

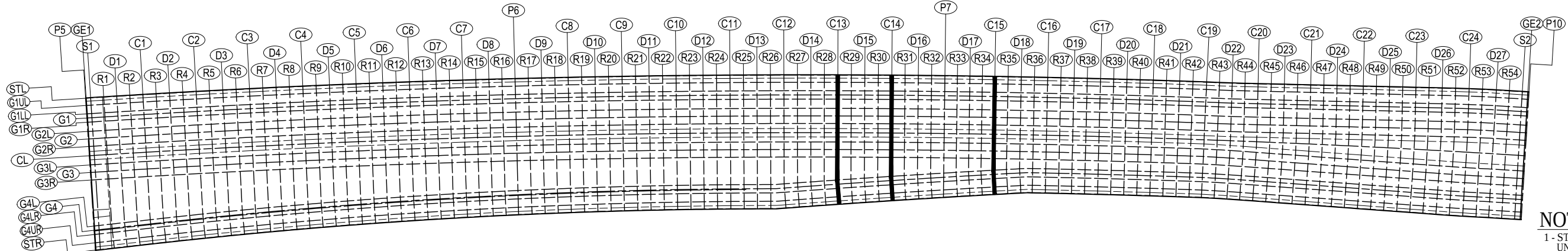
C14



SECTION A - A



MARKING DIAGRAM

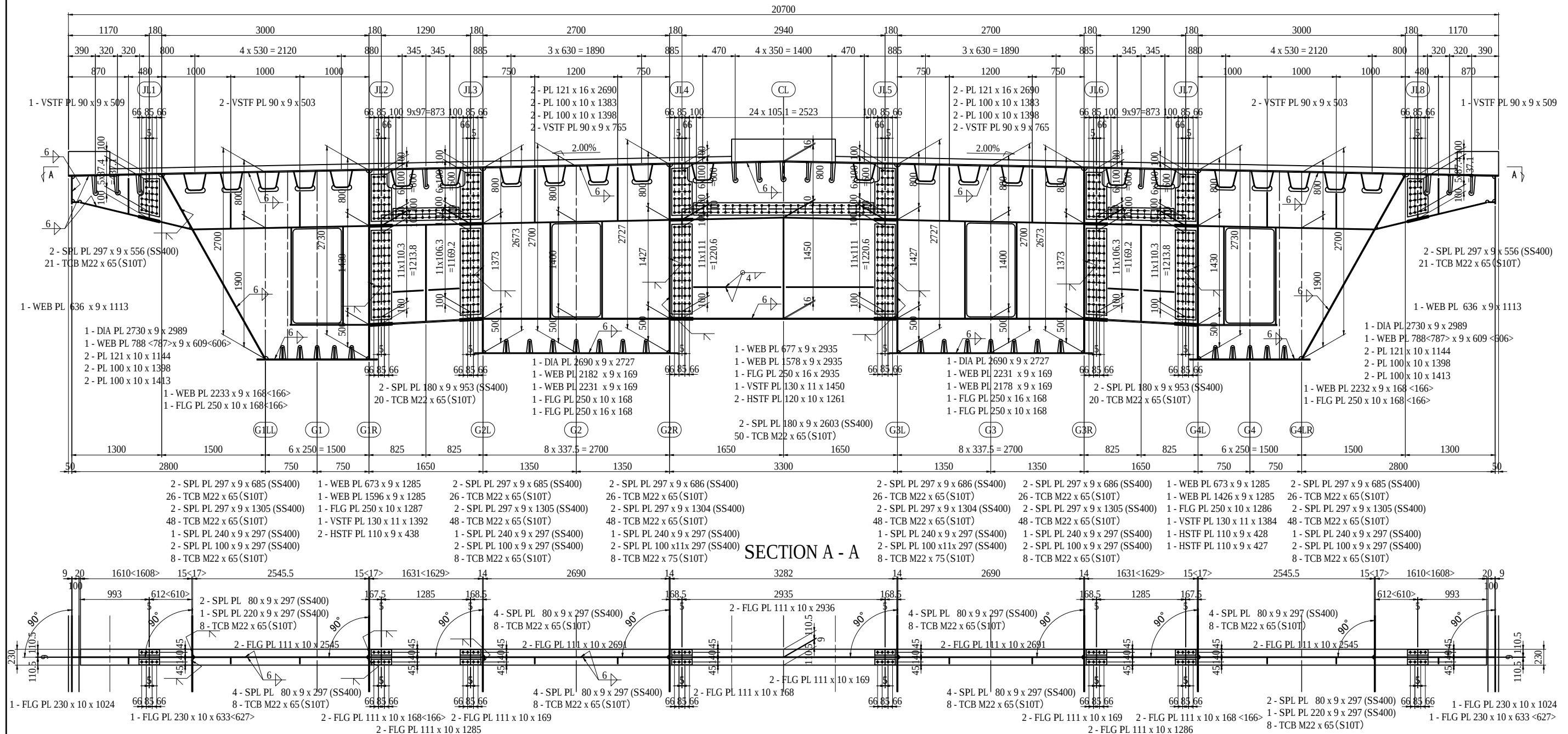


NOTES:

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF CROSS GIRDER SECTION (10)	1 DWG No. P1-SB-1530

DETAIL OF CROSS GIRDER SECTION(11) S=1:60 C16,C17& <C18> (1)



NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

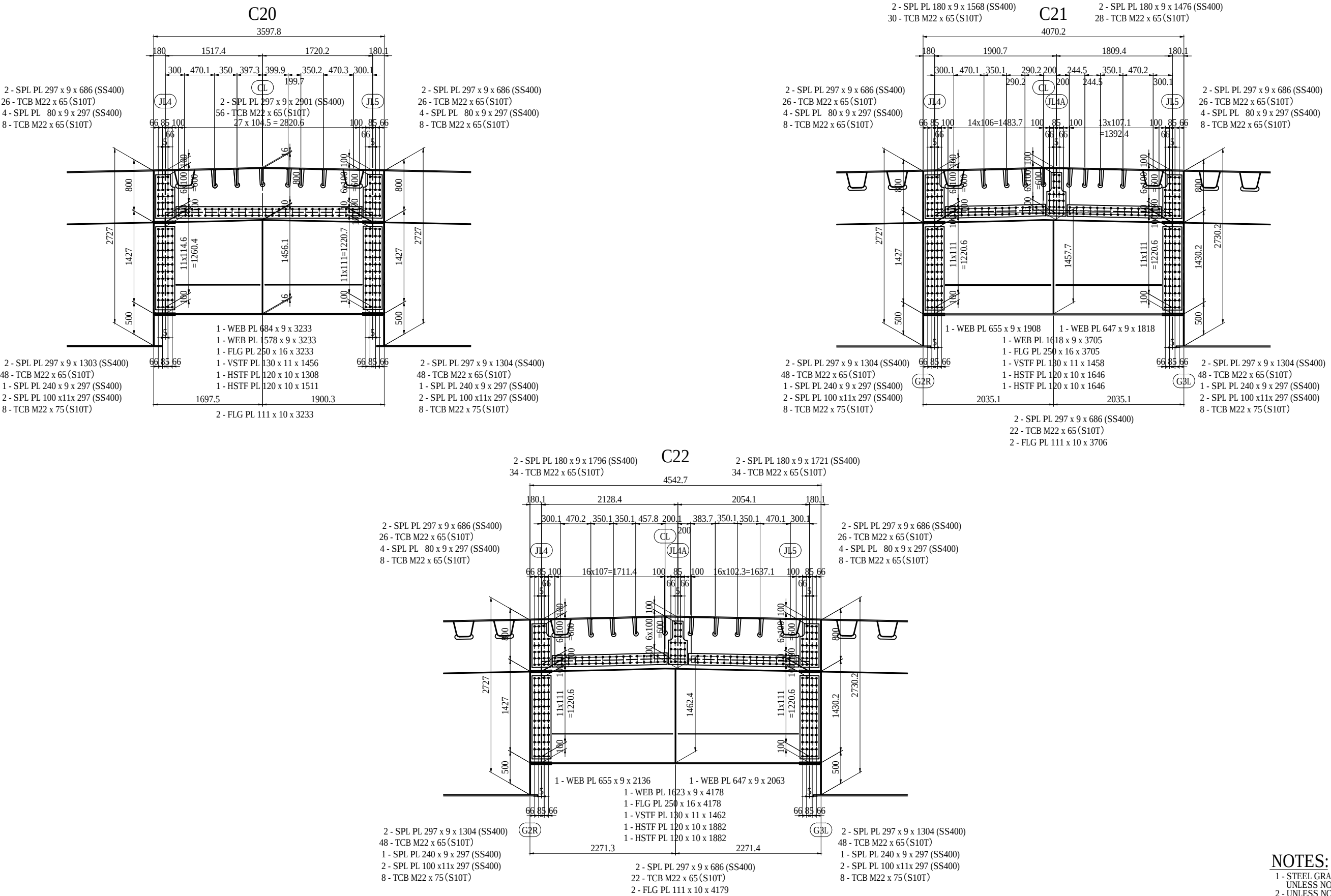
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF CROSS GIRDER SECTION(11)	1 DWG No. P1-SB-1531

L1



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		29 Sept.2017	DETAIL OF CROSS GIRDER SECTION (12)	1
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO		6 Oct.2017		P1-SB-1532

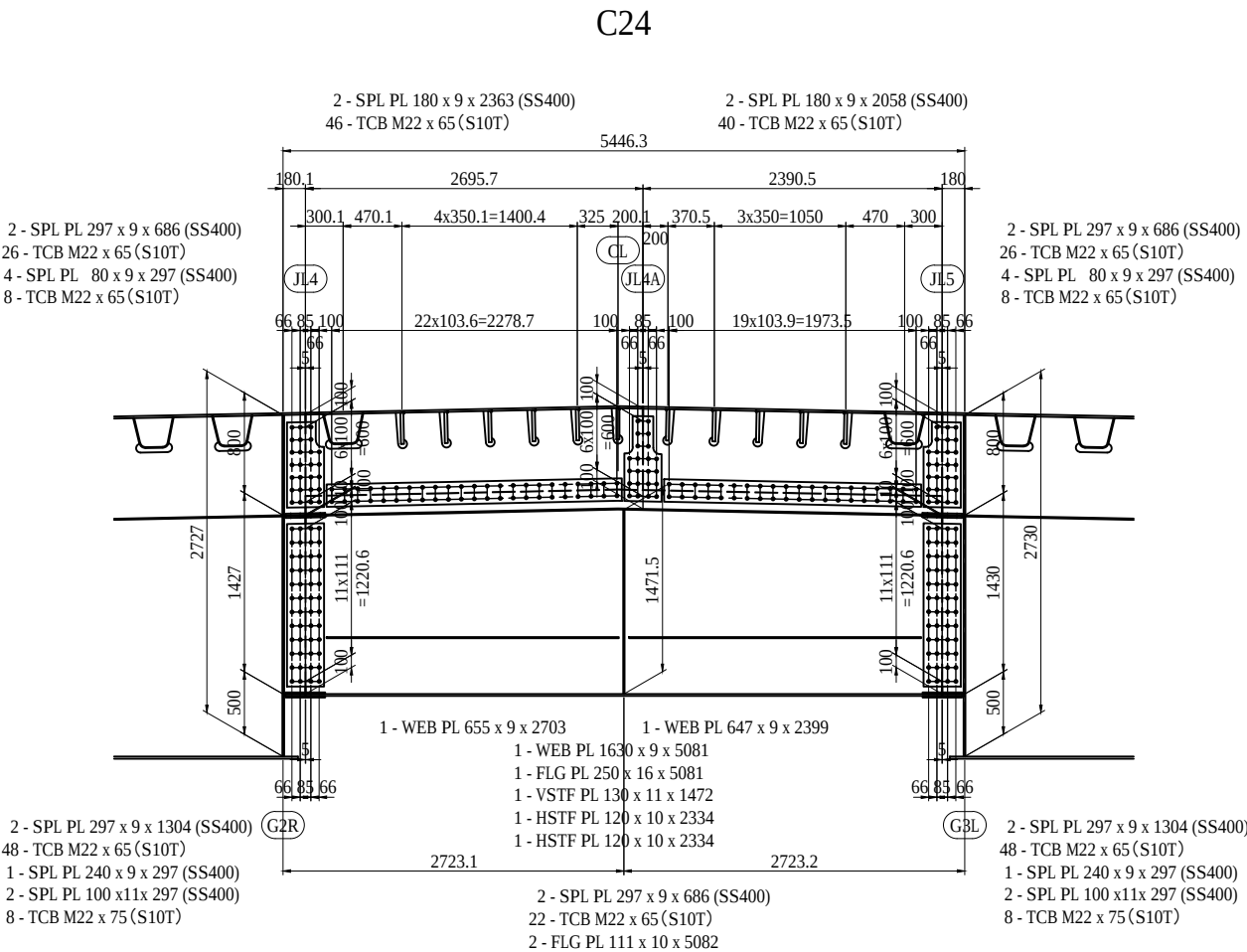
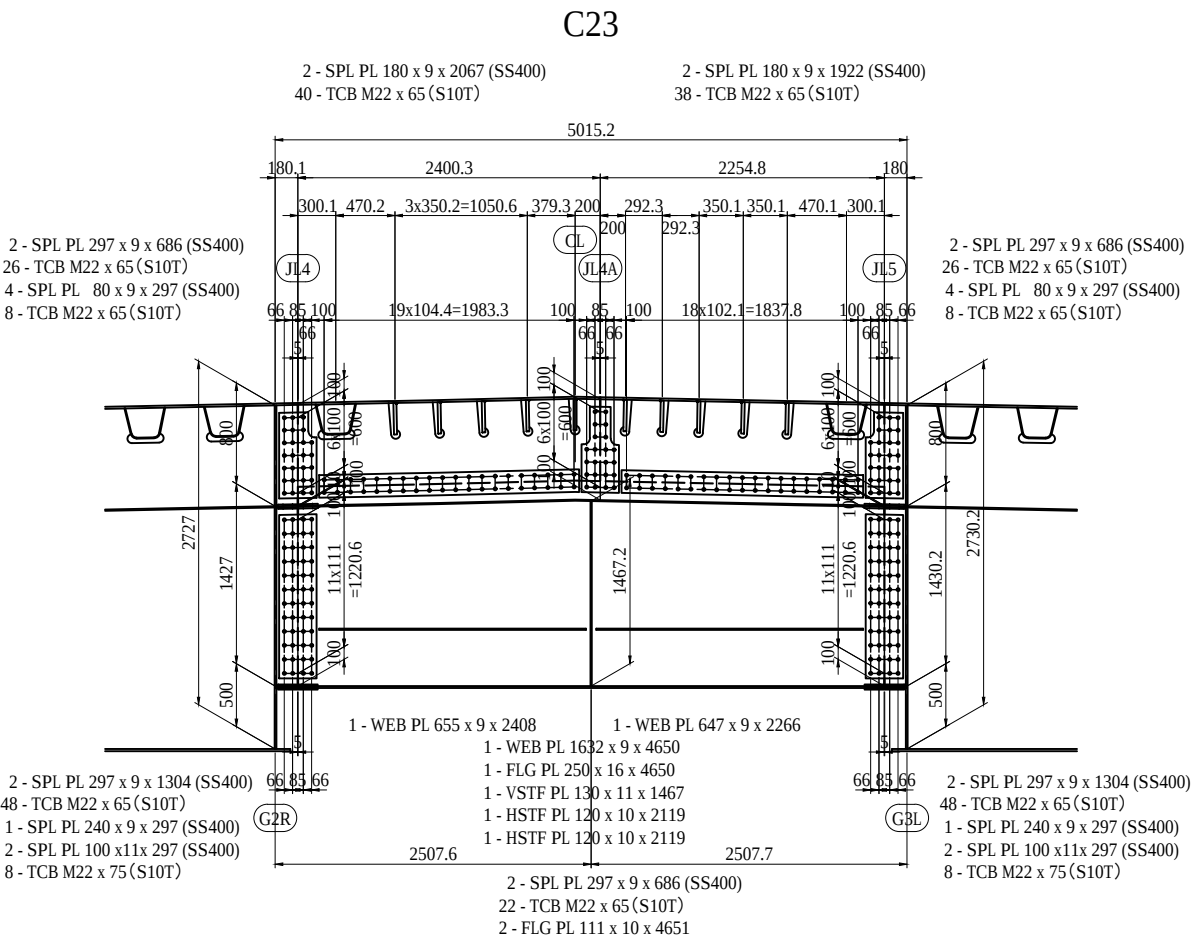
DETAIL OF CROSS GIRDER SECTION (13) S=1:60
C19 TO C24 (2)



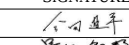
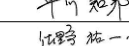
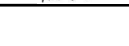
NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A
2 - UNLESS NOTED OTHERWISE
SEE DWG NO. P2-SB-1319.

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.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF CROSS GIRDER SECTION (13)	1 DWG No. P1-SB-1533

DETAIL OF CROSS GIRDER SECTION(14) S=1:60
C19 TO C24 (2)



NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A
2 - UNLESS NOTED OTHERWISE
SEE DWG NO. P2-SB-1319.

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 CROSS GIRDER SECTION (14)	PACKAGE 1 DWG No. P1-SB-1534
				PREPARED BY	S. IMADA		29 Sept.2017		
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		
				APPROVED BY	Y. SANO		6 Oct.2017		

DETAIL OF CROSS GIRDER SECTION(15) S=1:60

	L1	θ1
C1	26781.3	86°57'39"
C2	26302.2	87°13'47"
C3	25867.3	87°29'56"

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16
C4	25476.9	2246.8	180.1	880.4	3213.5	3213.5	6426.9	1610.0	612.0	1631	167.5	6407.9	6061.8	167.6	1610.0	612.0
C5	25130.9	1900.7	180.1	880.3	3040.5	3040.5	6080.9	1610.0	612.0	1631	167.5	6061.9	6061.9	167.6	1610.0	612.0
C6	24829.2	1599.1	180.1	880.2	2889.6	2889.6	5779.2	1610.0	612.0	1631	167.5	5760.2	5760.2	167.6	1610.0	612.0
C7	24571.9	3261.9	180.1	880.1	2761.0	2761.0	5521.9	1608.0	610.0	1629	165.5	5500.9	5500.9	165.6	1608.0	610.0
C8	24194.5	2884.5	180.0	880.1	2572.3	2572.3	5144.5	1608.0	610.0	1629	165.5	5123.5	5123.5	165.5	1608.0	610.0
C9	24068.3	2758.3	180.0	880.0	2509.2	2509.2	5018.3	1610.0	612.0	1631	167.5	4999.3	4999.3	167.5	1610.0	612.0
C10	23987.4	2677.4	180.0	880.0	2468.7	2468.7	4937.4	1610.0	612.0	1631	167.5	4918.4	4918.4	167.5	1610.0	612.0
C11	23951.8	2641.8	180.0	880.0	2450.9	2450.9	4901.8	1610.0	612.0	1631	167.5	4882.8	4882.8	167.5	1610.0	612.0
C12	23842.6	2532.2	180.5	881.3	2396.3	2396.3	4792.6	1610.0	612.0	1631	167.5	4773.6	4773.6	168.0	1610.0	612.0

	tw1	tw2	tw3	tw4	tw5	tw6	tw7	tw8	θ1	WBS1	WBS2	WBS3	WBS4	WLS1	WLS2	FLS1	FLS2	FLS3	FLS4	FLS5	FLS6	FLS7
C4	15	15	14	14	14	14	15	15	87°46'05"	788	168	788	168	609	609	168	168	633	168	167	172	633
C5	15	15	14	14	14	14	15	15	88°02'14"	788	168	788	168	609	609	168	168	633	168	167	172	633
C6	15	15	14	14	14	14	15	15	88°18'23"	788	168	788	168	609	609	168	168	633	168	167	172	633
C7	17	17	14	14	14	14	17	17	88°34'32"	787	166	787	166	606	606	166	166	627	166	167	172	627
C8	17	17	14	14	14	14	17	17	89°06'25"	787	166	787	166	606	606	166	166	627	166	167	172	627
C9	15	15	14	14	14	14	15	15	89°22'44"	788	168	788	168	609	609	168	168	633	168	167	172	633
C10	15	15	14	14	14	14	15	15	89°39'03"	788	168	788	168	609	609	168	168	633	168	167	172	633
C11	15	15	14	14	14	14	15	15	89°55'22"	788	168	788	168	609	609	168	168	633	168	167	172	633
C12	15	15	14	14	14	14	15	15	85°51'01"	788	168	788	168	609	609	168	168	633	168	167	172	633

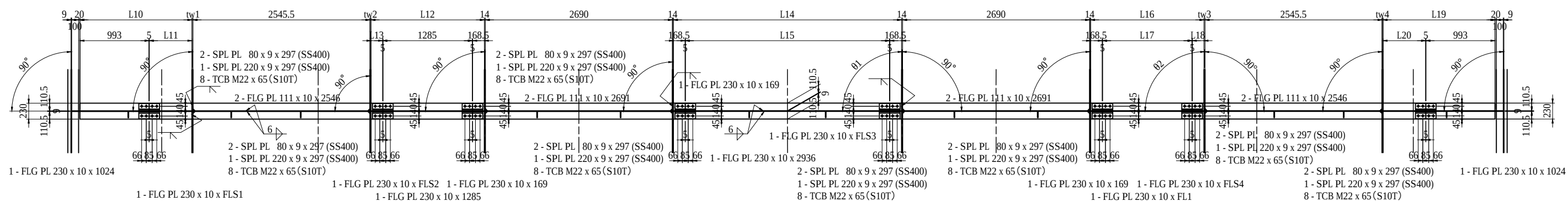
	L1	L2	L3	L4	L5	L6	L7	tw1	tw2	tw3	tw4	tw5	tw6	tw7	tw8
C13	23149.3	1610.0	612.0	1631.0	167.5	1610.0	612.0	15	15	14	14	14	14	15	15
C14	22456.0	1608.0	610.0	1629.0	165.5	1608.0	610.0	17	17	14	14	14	14	17	17
C15	21130.7	1610.0	612.0	1631.0	167.5	1610.0	612.0	15	15	14	14	14	14	15	15

	θ1	WBS1	WBS2	WBS3	WBS4	WLS1	WLS2	FLS1	FLS2	FLS3	FLS4	FLS5	FLS6	FLS7
C13	85°51'06"	788	168	788	168	609	609	168	168	633	168	167	172	633
C14	85°51'11"	787	166	787	166	606	606	166	166	627	166	167	172	627
C15	85°51'21"	788	168	788	168	609	609	168	168	633	168	167	172	633

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14
C19	20701.2	2941.2	885.0	3301.2	1608	610	1629.0	165.5	3283.2	2946.2	1629.0	165.5	1608	610
C20	20997.8	3237.7	885.1	3597.8	1608	610	1629.0	165.5	3579.8	3242.8	1629.0	165.5	1608	610
C21	21470.2	3710.1	885.1	4070.2	1608	610	1629.0	165.5	4052.2	3715.2	1629.0	165.5	1608	610
C22	21942.7	4182.5	885.2	4542.7	1608	610	1629.0	165.5	4524.7	4187.7	1629.0	165.5	1608	610
C23	22415.2	4655.1	885.2	5015.2	1608	610	1629.0	165.5	4997.2	4660.2	1629.0	165.5	1608	610
C24	22846.3	5086.2	885.1	5446.3	1610	612	1631.0	167.5	5428.3	5091.3	1631.0	167.5	1610	612

	tw1	tw2	tw3	tw4	tw5	tw6	tw7	tw8	θ1
C19	17	17	14	14	14	14	17	17	90°47'11"
C20	17	17	14	14	14	14	17	17	91°53'51"
C21	17	17	14	14	14	14	17	17	91°37'41"
C22	17	17	14	14	14	14	17	17	91°21'32"
C23	17	17	14	14	14	14	17	17	91°05'23"
C24	15	15	14	14	14	14	15	15	90°08'50"

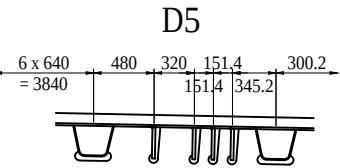
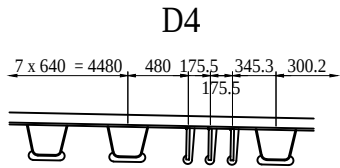
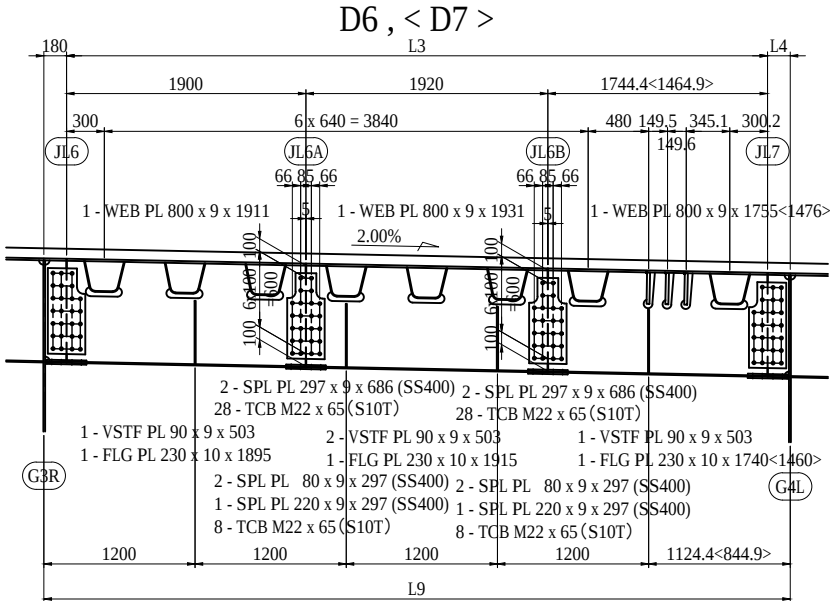
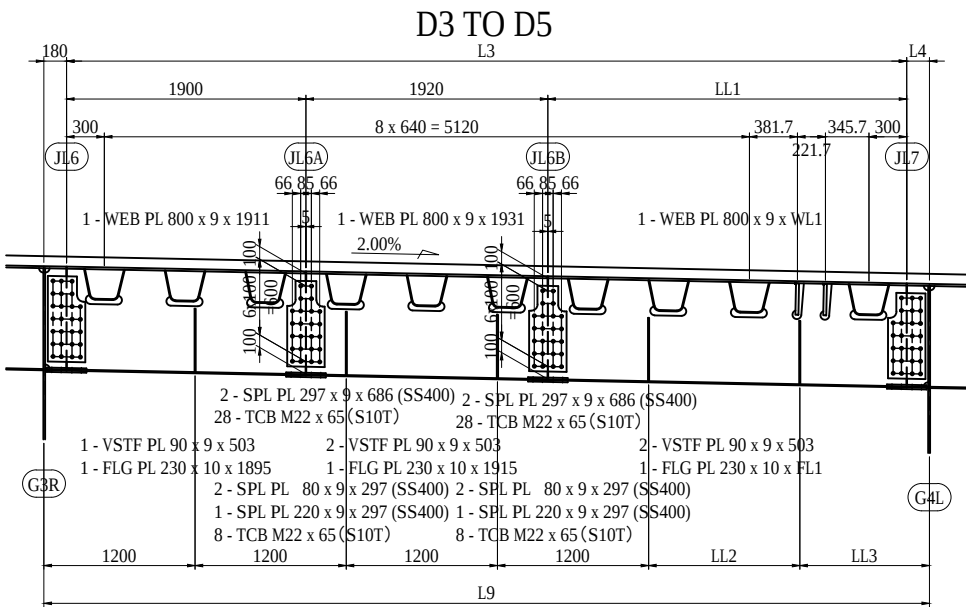
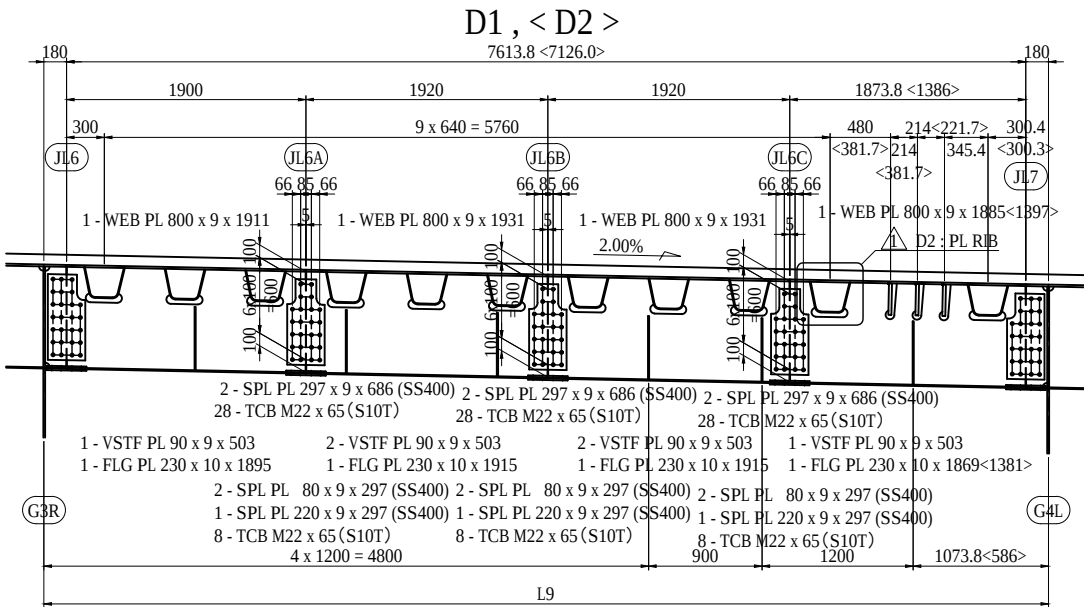
TYPICAL SECTION



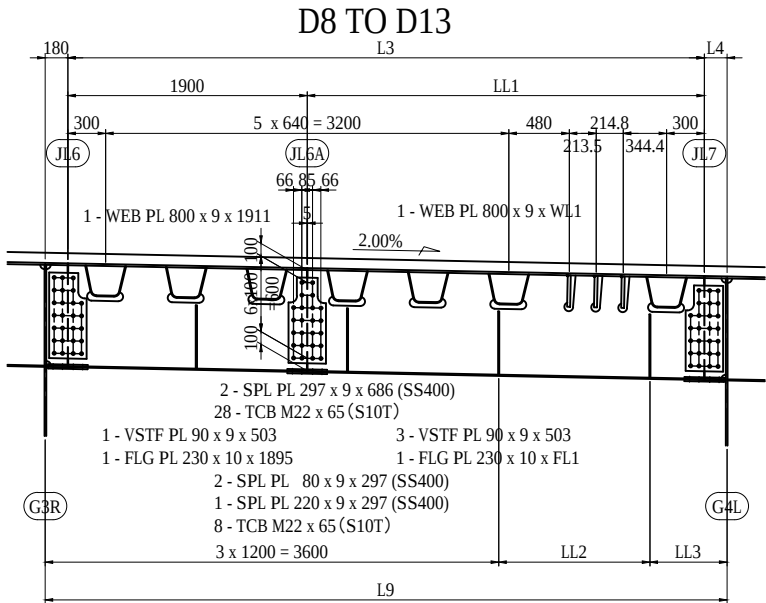
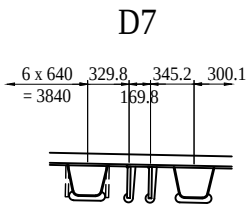
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.					DETAIL OF DIAPHRAGM SECTION (1)	1
					PREPARED BY	S. IMADA	29 Sept.2017		DWG No.
					CHECKED BY	T. HAYAKAWA	3 Oct.2017		P1-SB-1541
					APPROVED BY	Y. SANO	6 Oct.2017		

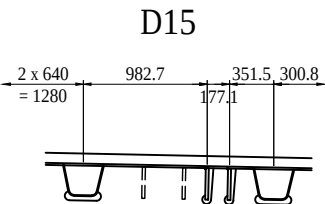
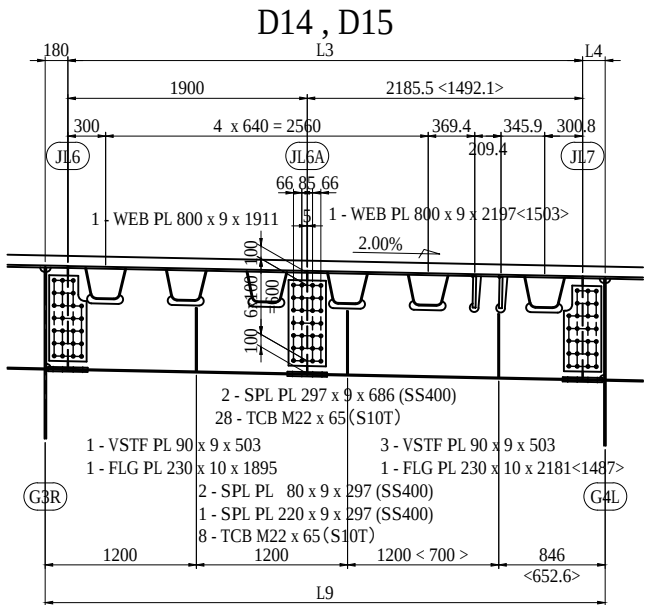
DETAIL OF DIAPHRAGM SECTION (2) S=1:60



	LL1	LL2	LL3	WL1	FL1
D3	2849.0	1200.0	669.0	2860	2845
D4	2436.4	900.0	556.4	2447	2432
D5	2068.2	600.0	668.2	2079	2064



	LL1	LL2	LL3	WL1	FL1
D8	3152.1	1200.0	612.2	3163	3148
D9	2963.3	1200.0	423.3	2974	2959
D10	2815.8	700.0	775.7	2827	2811
D11	2712.2	700.0	672.1	2723	2708
D12	2654.0	700.0	613.9	2665	2650
D13	2639.9	700.0	600.0	2651	2635



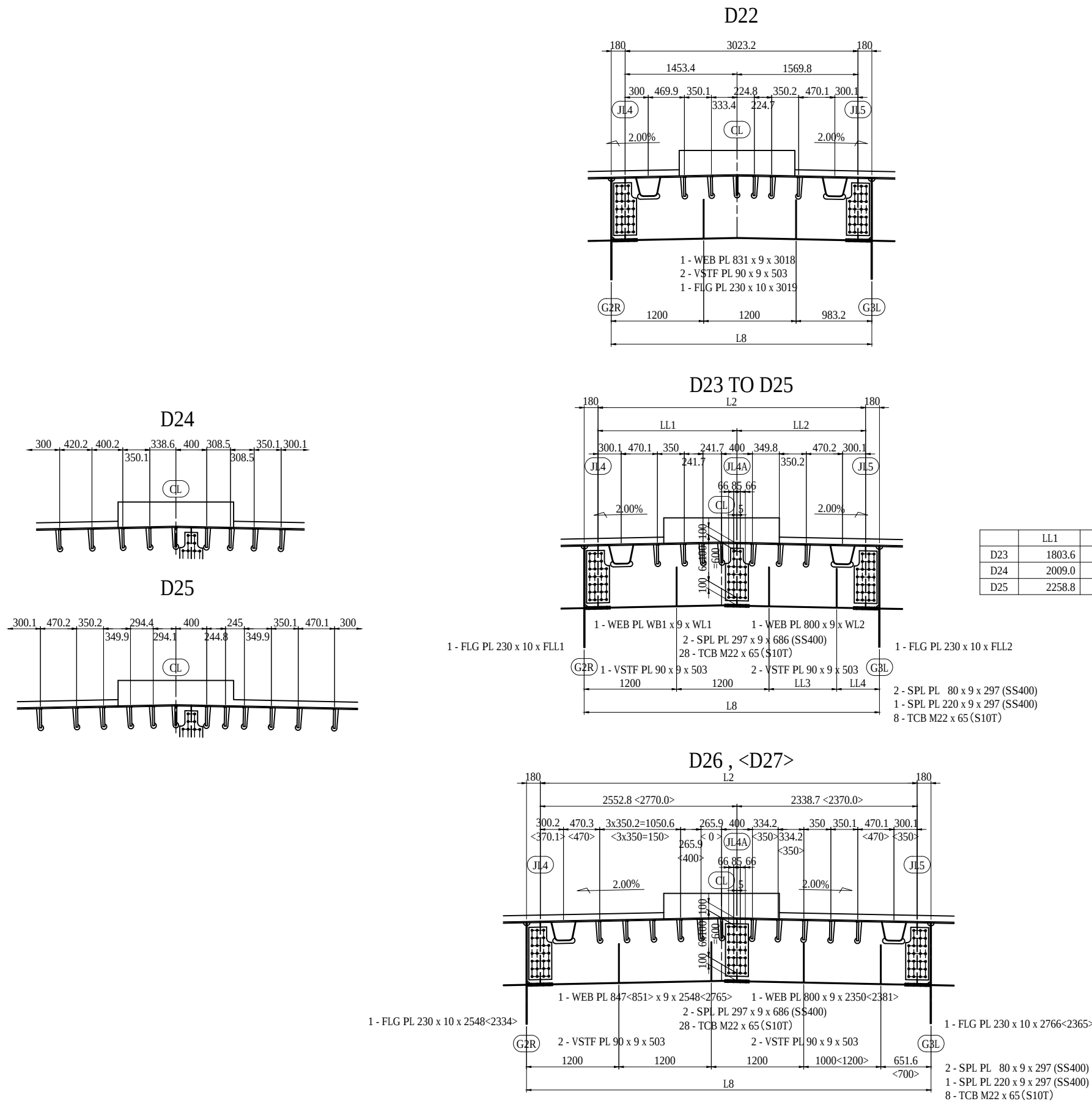
NOTES:

1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

2 - UNLESS NOTED OTHERWISE
SEE DWG NO. P2-SB-1322.

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.	PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	29 Sept.2017 3 Oct.2017 6 Oct.2017	DETAIL OF DIAPHRAGM SECTION (2)	1 DWG No. P1-SB-1542

DETAIL OF DIAPHRAGM SECTION (3) S=1:60



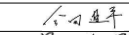
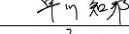
NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A
2 - UNLESS NOTED OTHERWISE
SEE DWG NO. P2-SB-1322.

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	29 Sept.2017	DETAIL OF DIAPHRAGM SECTION (3)	1
				CHECKED BY	T. HAYAKAWA	3 Oct.2017		DWG No.
				APPROVED BY	Y. SANO	6 Oct.2017		P1-SB-1543

DETAIL OF DIAPHRAGM SECTION (4)

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20	H1	tw1	tw2	tw3	tw4	θ1	θ2
D1	27024.0	2940.0	7613.8	180.2	885.0	885.0	880.6	3300.0	7974.0	1610.0	612.0	1631.0	167.5	3282.0	2935.0	7955.0	7608.8	167.7	1610	612	2728.4	15	15	15	15	90°00'00"	87°03'30"
D2	26536.2	2940.0	7126.0	180.2	885.0	885.0	880.6	3300.0	7486.2	1610.0	612.0	1631.0	167.5	3282.0	2935.0	7467.2	7121.0	167.7	1610	612	2728.5	15	15	15	15	90°00'00"	87°05'43"
D3	26079.2	2940.0	6669.0	180.2	885.0	885.0	880.5	3300.0	7029.2	1610.0	612.0	1631.0	167.5	3282.0	2935.0	7010.2	6664.0	167.7	1610	612	2728.7	15	15	15	15	90°00'00"	87°21'52"
D4	25666.6	2940.0	6256.4	180.2	885.0	885.0	880.4	3300.0	6616.6	1610.0	612.0	1631.0	167.5	3282.0	2935.0	6597.6	6251.4	167.7	1610	612	2728.8	15	15	15	15	90°00'00"	87°38'01"
D5	25298.3	2940.0	5888.2	180.1	885.0	885.0	880.3	3300.0	6248.3	1610.0	612.0	1631.0	167.5	3282.0	2935.0	6229.3	5883.2	167.6	1610	612	2729.0	15	15	15	15	90°00'00"	87°54'10"
D6	24974.5	2940.0	5564.4	180.1	885.0	885.0	880.2	3300.0	5924.5	1610.0	612.0	1631.0	167.5	3282.0	2935.0	5905.5	5559.4	167.6	1610	612	2729.1	15	15	15	15	90°00'00"	88°10'19"
D7	24695.0	2940.0	5285.0	180.1	885.0	885.0	880.2	3300.0	5645.0	1610.0	612.0	1631.0	167.5	3282.0	2935.0	5626.0	5279.9	167.6	1610	612	2729.3	15	15	15	15	90°00'00"	88°26'28"
D8	24462.2	2940.0	5052.2	180.0	885.0	885.0	880.1	3300.0	5412.2	1608.0	610.0	1629.0	165.5	3282.0	2935.0	5391.2	5047.2	165.5	1608	610	2729.4	17	17	17	17	90°00'00"	88°42'27"
D9	24273.3	2940.0	4863.3	180.0	885.0	885.0	880.1	3300.0	5223.3	1608.0	610.0	1629.0	165.5	3282.0	2935.0	5202.3	4858.3	165.5	1608	610	2729.6	17	17	17	17	90°00'00"	88°58'23"
D10	24125.7	2940.0	4715.7	180.0	885.0	885.0	880.0	3300.0	5075.7	1610.0	612.0	1631.0	167.5	3282.0	2935.0	5056.7	4710.7	167.5	1610	612	2729.7	15	15	15	15	90°00'00"	89°14'34"
D11	24022.1	2940.0	4612.1	180.0	885.0	885.0	880.0	3300.0	4972.1	1610.0	612.0	1631.0	167.5	3282.0	2935.0	4953.1	4607.1	167.5	1610	612	2729.9	15	15	15	15	90°00'00"	89°30'54"
D12	23963.9	2940.0	4553.9	180.0	885.0	885.0	880.0	3300.0	4913.9	1610.0	612.0	1631.0	167.5	3282.0	2935.0	4894.9	4548.9	167.5	1610	612	2730.0	15	15	15	15	90°00'00"	89°47'13"
D13	23950.0	2940.0	4540.0	180.0	885.0	885.0	880.0	3300.0	4900.0	1610.0	612.0	1631.0	167.5	3282.0	2935.0	4881.0	4535.0	167.5	1610	612	2730.0	15	15	15	15	90°00'00"	90°00'00"
D14	23496.0	2940.0	4085.5	180.5	885.0	885.0	881.3	3300.0	4446.0	1610.0	612.0	1631.0	167.5	3282.0	2935.0	4427.0	4080.5	168.0	1610	612	2728.7	15	15	15	15	90°00'00"	85°51'04"
D15	22802.6	2940.0	3392.1	180.5	885.0	885.0	881.3	3300.0	3752.6	1610.0	612.0	1631.0	167.5	3282.0	2935.0	3733.6	3387.1	168.0	1610	612	2728.8	15	15	15	15	90°00'00"	85°51'09"
D16	22114.7	2940.0	2704.2	180.5	885.0	885.0	881.3	3300.0	3064.7	1608.0	610.0	1629.0	165.5	3282.0	2935.0	3043.7	2699.2	166.0	1608	610	2728.8	17	17	17	17	90°00'00"	85°51'14"
D17	21452.1	2940.0	2041.6	180.5	885.0	885.0	881.3	3300.0	2402.1	1608.0	610.0	1629.0	165.5	3282.0	2935.0	2381.1	2036.6	166.0	1608	610	2729.0	17	17	17	17	90°00'00"	85°51'19"
D18	20791.3	2940.0	1380.8	180.5	885.0	885.0	881.3	3300.0	1741.2	1610.0	612.0	1631.0	167.5	3282.0	2935.0	1722.2	1375.7	168.0	1610	612	2729.0	15	15	15	15	90°00'00"	85°51'24"
D19	20700.0	2940.0	1290.0	180.0	885.0	885.0	880.0	3300.0	1650.0	1610.0	612.0	1631.0	167.5	3282.0	2935.0	1631.0	1285.0	167.5	1610	612	2730.0	15	15	15	15	90°00'00"	90°00'00"
D20	20700.0	2940.0	1290.0	180.0	885.0	885.0	880.0	3300.0	1650.0	1610.0	612.0	1631.0	167.5	3282.0	2935.0	1631.0	1285.0	167.5	1610	612	2730.0	15	15	15	15	90°00'00"	90°00'00"
D21	20700.0	2940.0	1290.0	180.0	885.0	885.0	880.0	3300.0	1650.0	1608.0	610.0	1629.0	165.5	3282.0	2935.0	1629.0	1285.0	165.5	1608	610	2730.0	17	17	17	17	90°00'00"	90°00'00"
D22	20783.4	3023.3	1290.0	180.0	885.0	885.2	880.0	3383.4	1650.0	1608.0	610.0	1629.0	165.5	3365.4	3018.4	1629.0	1285.0	165.5	1608	610	2730.3	17	17	17	17	91°33'05"	90°00'00"
D23	21234.0	3473.9	1290.0	180.0	885.1	885.2	880.0	3834.0	1650.0	1608.0	610.0	1629.0	165.5	3816.0	3469.0	1629.0	1285.0	165.5	1608	610	2730.3	17	17	17	17	91°45'46"	90°00'00"
D24	21706.4	3946.3	1290.0	180.0	885.1	885.2	880.0	4306.4	1650.0	1608.0	610.0	1629.0	165.5	4288.4	3941.4	1629.0	1285.0	165.5	1608	610	2730.2	17	17	17	17	91°29'37"	90°00'00"
D25	22178.9	4418.8	1290.0	180.0	885.2	885.1	880.0	4778.9	1650.0	1608.0	610.0	1629.0	165.5	4760.9	4413.9	1629.0	1285.0	165.5	1608	610	2730.2	17	17	17	17	91°13'27"	90°00'00"
D26	22651.6	4891.5	1290.0	180.0	885.3	885.1	880.0	5251.6	1650.0	1610.0	612.0	1631.0	167.5	5233.6	4886.6	1631.0	1285.0	167.5	1610	612	2730.0	15	15	15	15	90°57'18"	90°00'00"
D27	22900.0	5140.0	1290.0	180.0	885.0	885.0	880.0	5500.0	1650.0	1610.0	612.0	1631.0	167.5	5482.0	5135.0	1631.0	1285.0	167.5	1610	612	2730.0	15	15	15	15	90°00'00"	90°00'00"

	WBS1	WBS2	WBS3	WBS4	WLS1	WLS2	WL1	FLS1	FLS2	FLS3	FLS4	FLS5	FL1
D1	788	168	168	788	609	609	-	630	168	169	174	630	-
D2	788	168	168	788	609	609	-	630	168	169	174	630	-
D3	788	168	168	788	609	609	-	630	168	169	173	630	-
D4	788	168	168	788	609	609	-	630	168	169	172	630	-
D5	788	168	168	788	609	609	-	630	168	169	172	630	-
D6	788	168	168	788	609	609	-	630	168	169	171	630	-
D7	788	168	168	788	609	609	-	630	168	169	171	630	-
D8	787	166	166	787	606	606	-	627	166	169	168	627	-
D9	787	166	166	787	606	606	-	627	166	169	168	627	-
D10	788	168	168	788	609	609	-	630	168	169	169	630	-
D11	788	168	168	788	609	609	-	630	168	169	169	630	-
D12	788	168	168	788	609	609	-	630	168	169	168	630	-
D13	788	168	168	788	609	609	-	630	168	169	168	630	-
D14	788	168	168	788	609	609	-	630	168	169	176	630	-
D15	788	168	168	788	609	609	-	630	168	169	176	630	-
D16	787	166	166	787	606	606	2710	627	166	169	174	627	2700
D17	787	166	166	787	606	606	2048	627	166	169	174	627	2037
D18	788	168	168	788	609	609	1387	630	168	169	176	630	1376
D19	788	168	168	788	609	609	1296	630	168	169	168	630	1285
D20	788	168	168	788	609	609	1296	630	168	169	168	630	1285
D21	787	166	166	787	606	606	1296	627	166	169	166	627	1285
D22	787	166	166	787	606	606	1296	627	166	165	166	627	1285
D23	787	166	166	787	606	606	1296	627	166	165	166	627	1285
D24	787	166	166	787	606	606	1296	627	166	166	166	627	1285
D25	787	166	166	787	606	606	1296	627	166	166	166	627	1285
D26	788	168	168	788	609	609	1296	630	168	167	168	630	1285
D27	788	168	168	788	609	609	1296	630	168	169	168	630	1285

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 DIAPHRAGM SECTION (4)	PACKAGE 1 DWG No. P1-SB-1544
				PREPARED BY	S. IMADA		29 Sept.2017		
				CHECKED BY	T. HAYAKAWA		3 Oct.2017		
				APPROVED BY	Y. SANO		6 Oct.2017		