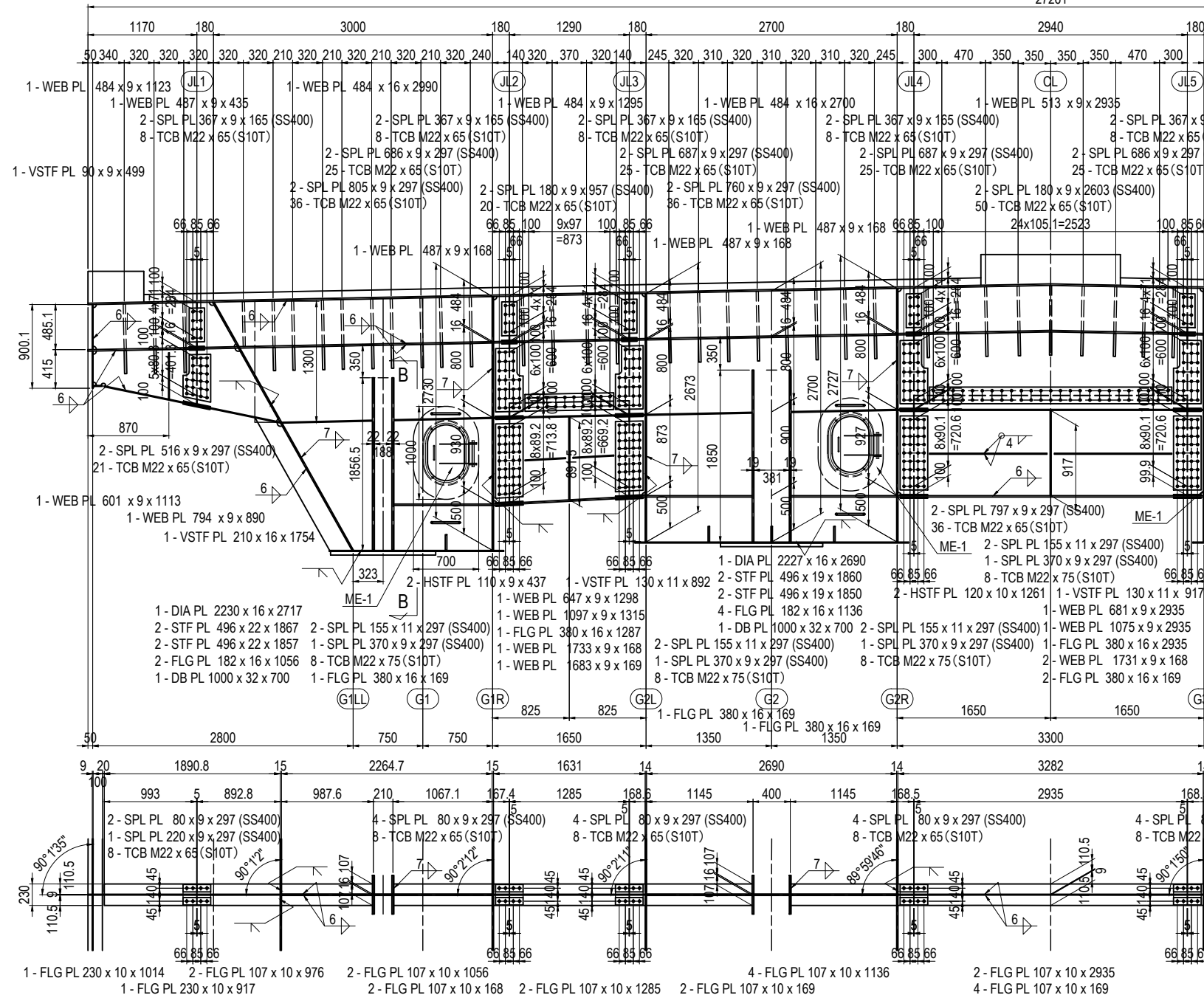
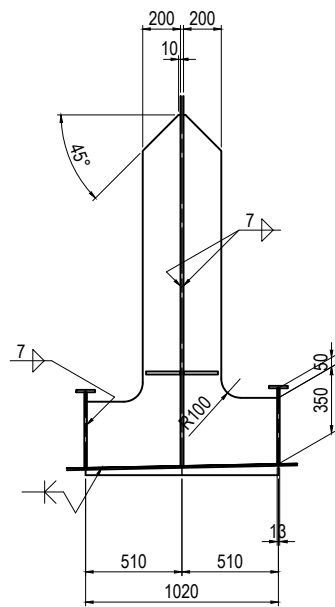


DETAIL OF END CROSS GIRDER (1) S=1:60

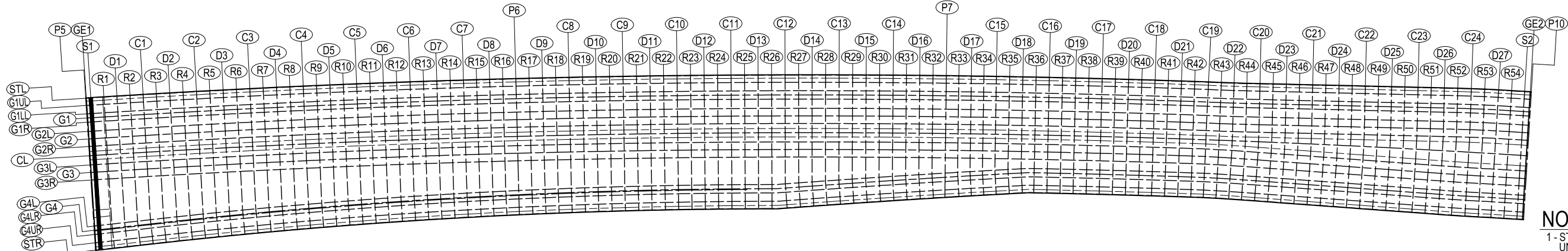
S1 (1)

27261

SECTION B - B S=1:40



MARKING DIAGRAM

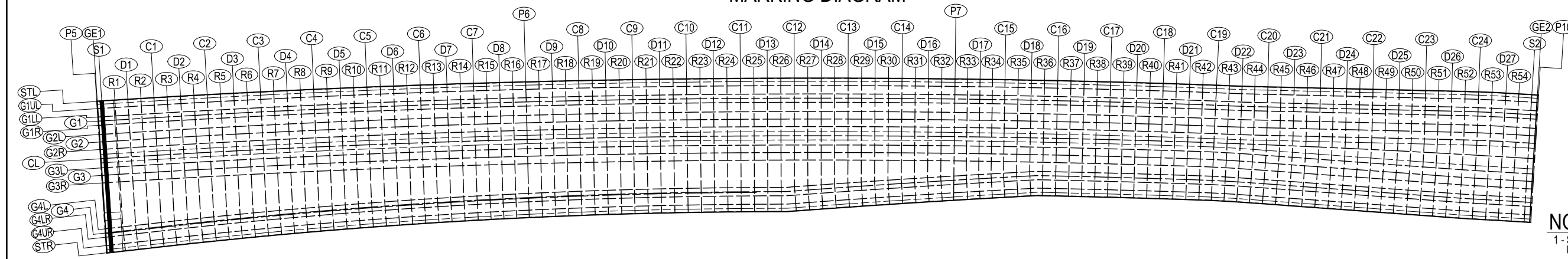
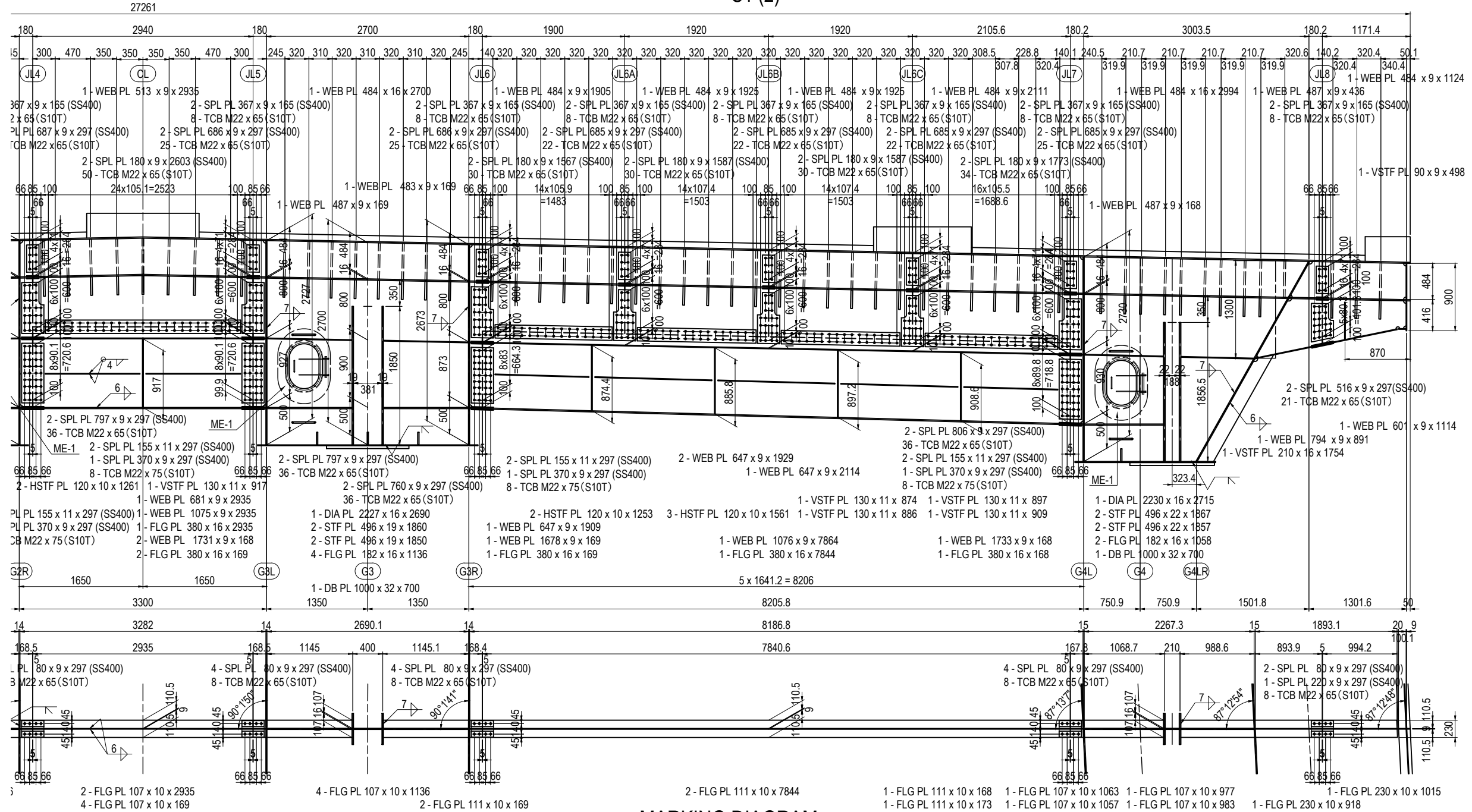


NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY 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 29 Sept.2017 3 Oct.2017 6 Oct.2017	DRAWING TITLE DETAIL OF END CROSS GIRDER (1)	PACKAGE 1 DWG No. P1-SB-1501
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DETAIL OF END CROSS GIRDER (2) S=1:60

S1 (2)



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

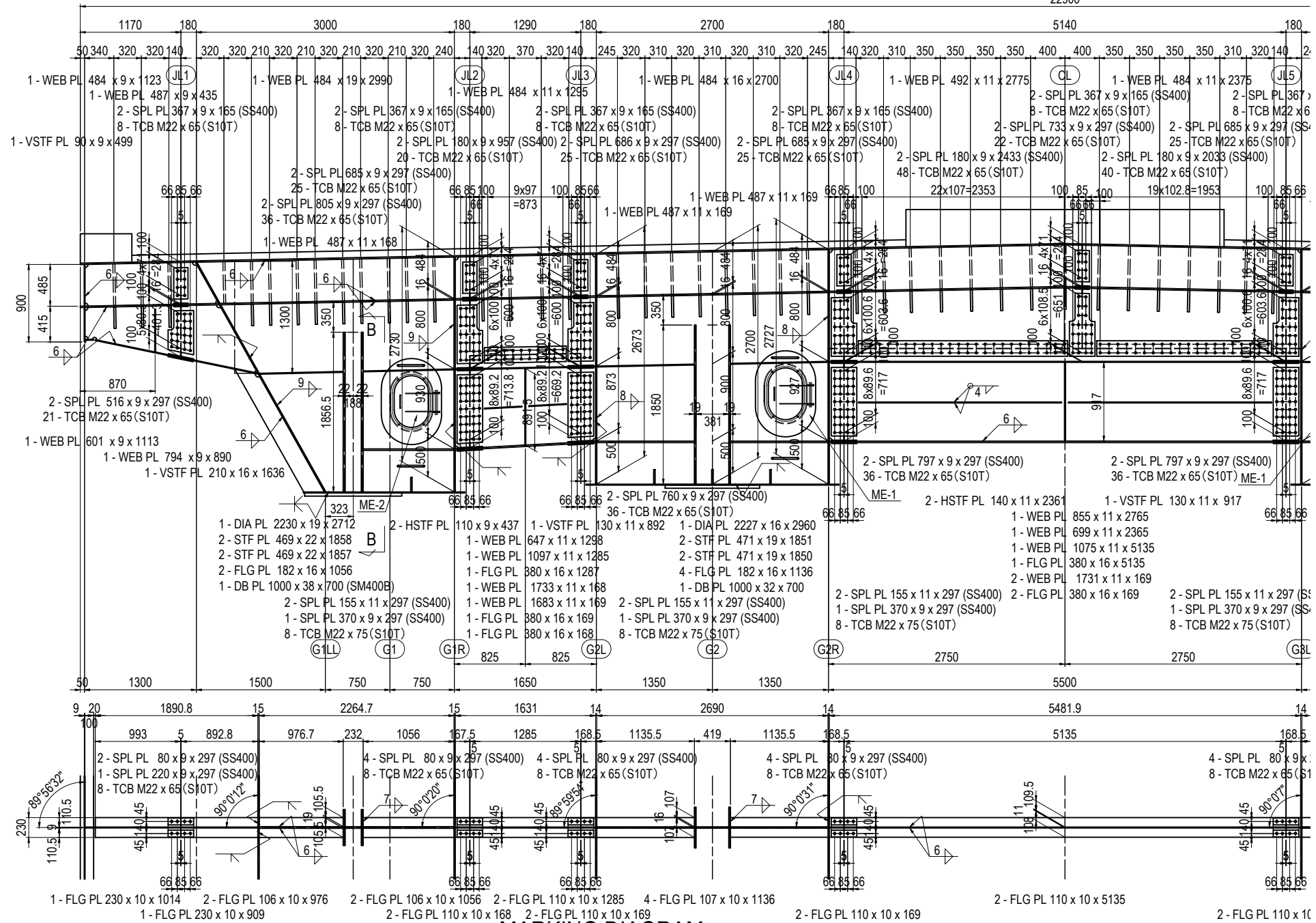
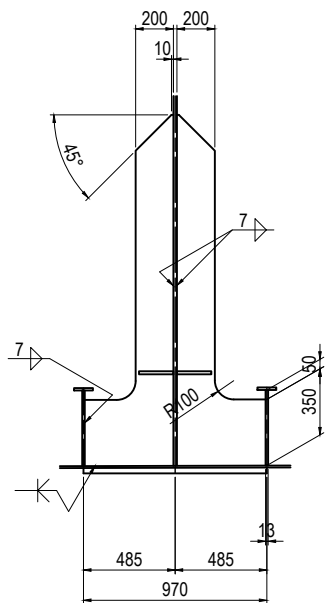
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN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

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

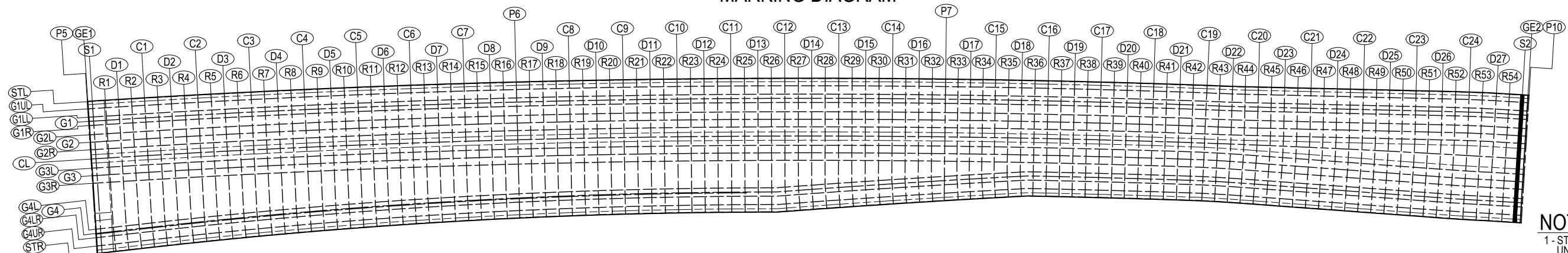
S2 (1)

22900

SECTION B - B S=1:40



MARKING DIAGRAM

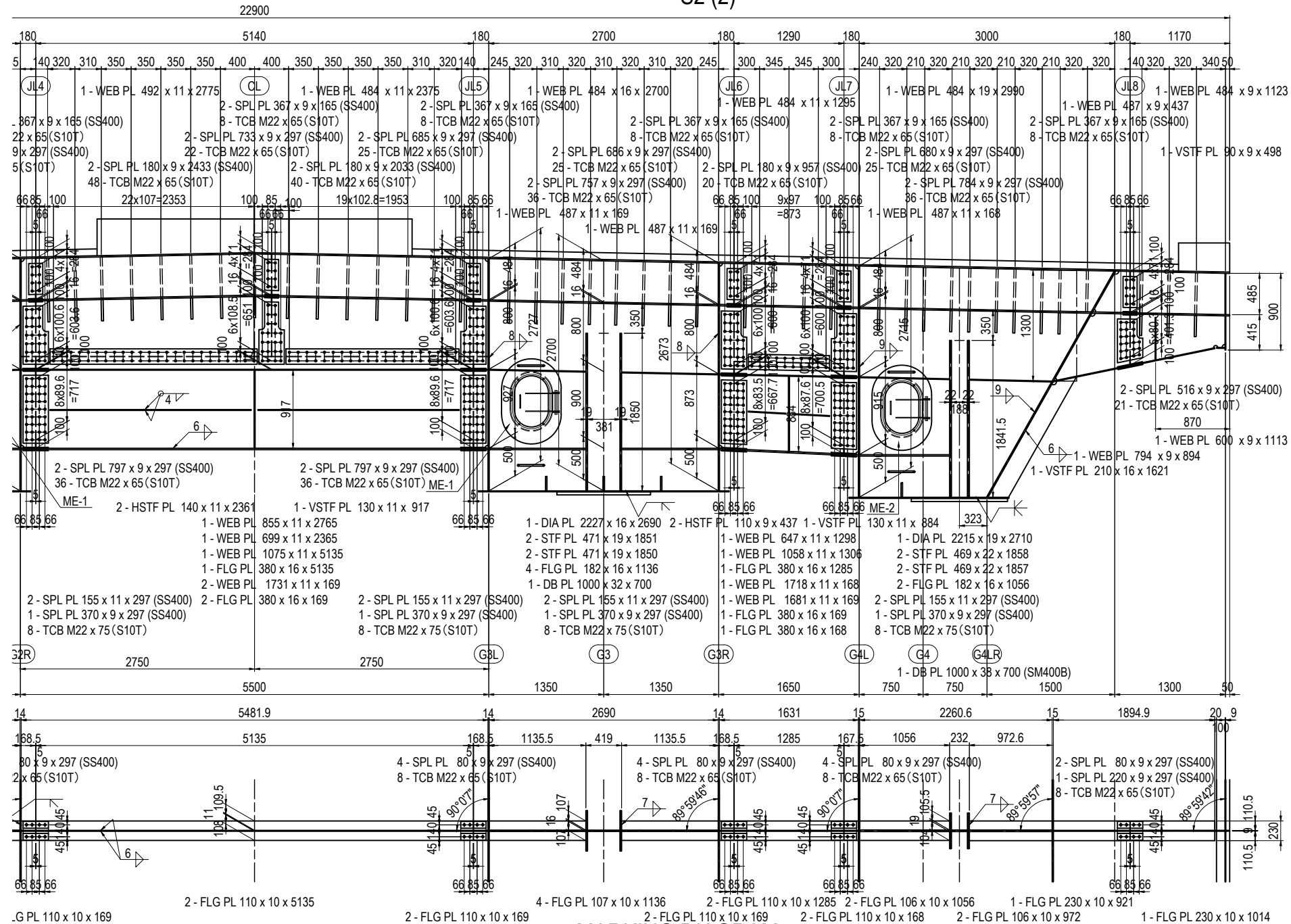


NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

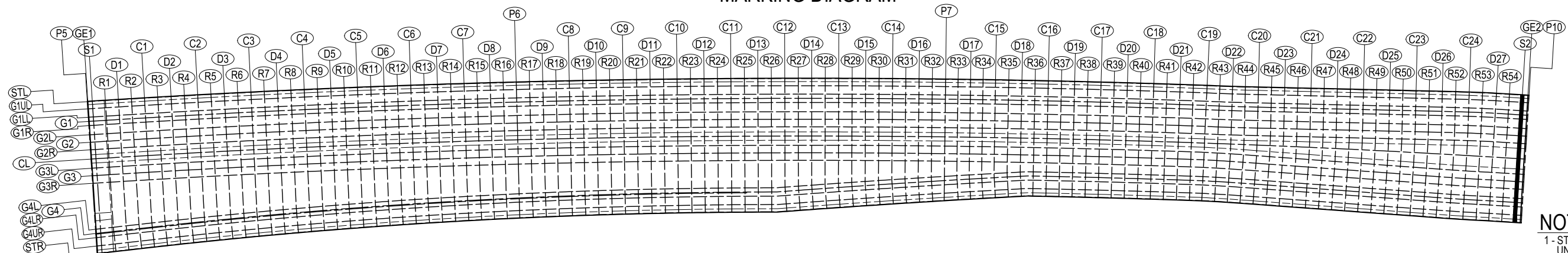
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN 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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF END CROSS GIRDER (3)	PACKAGE 1 DWG No. P1-SB-1503
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

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

S2 (2)



MARKING DIAGRAM



NOTES:
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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF END CROSS GIRDER (4)	PACKAGE 1 DWG No. P1-SB-1504
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

DETAIL OF MIDDLE CROSS GIRDER (1)

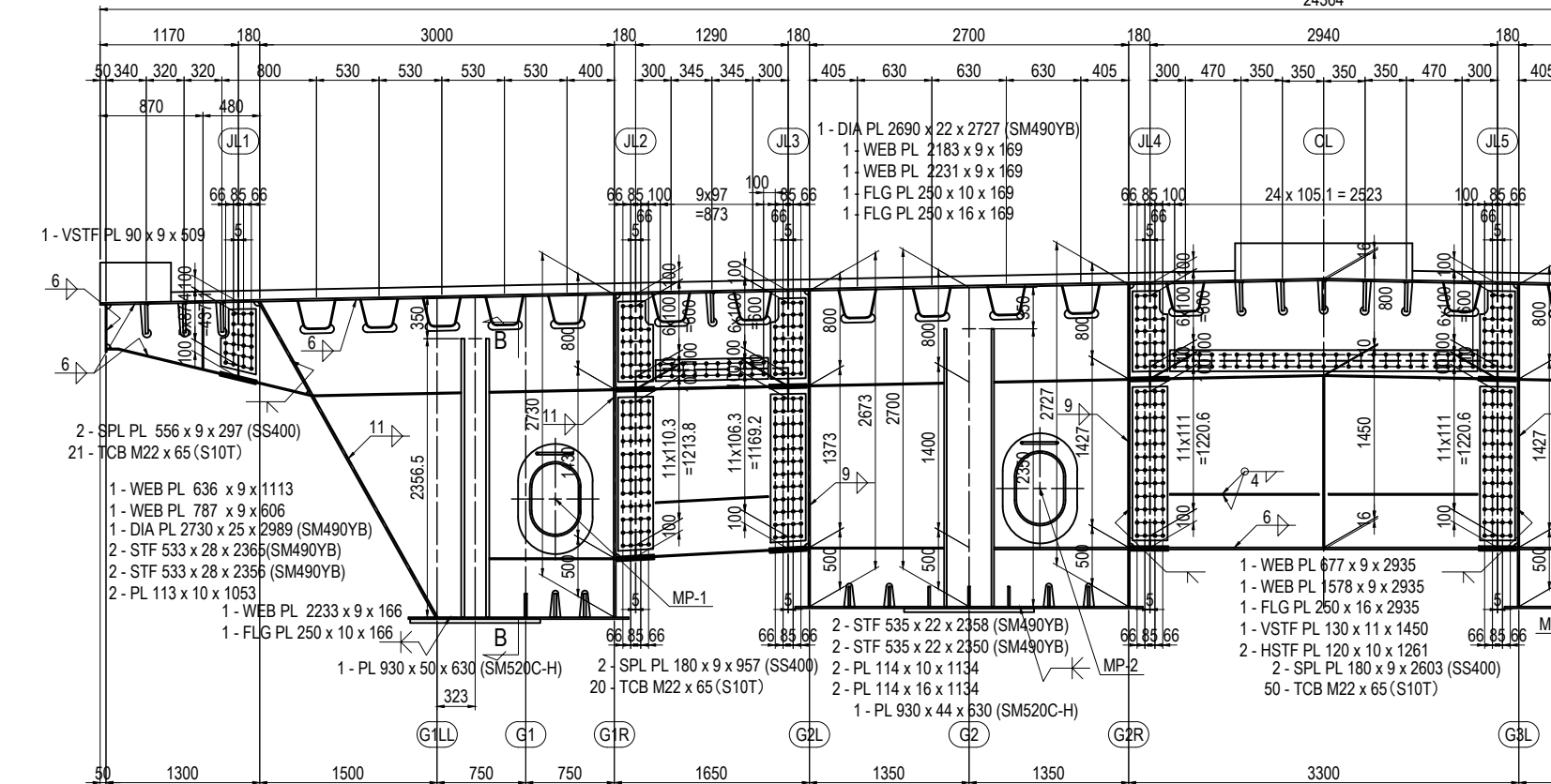
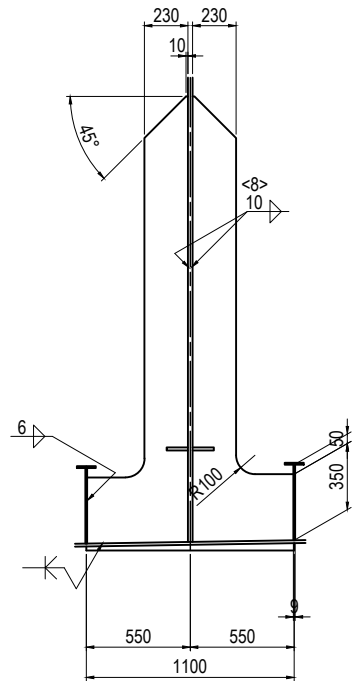
P6 (1)

S=1:60

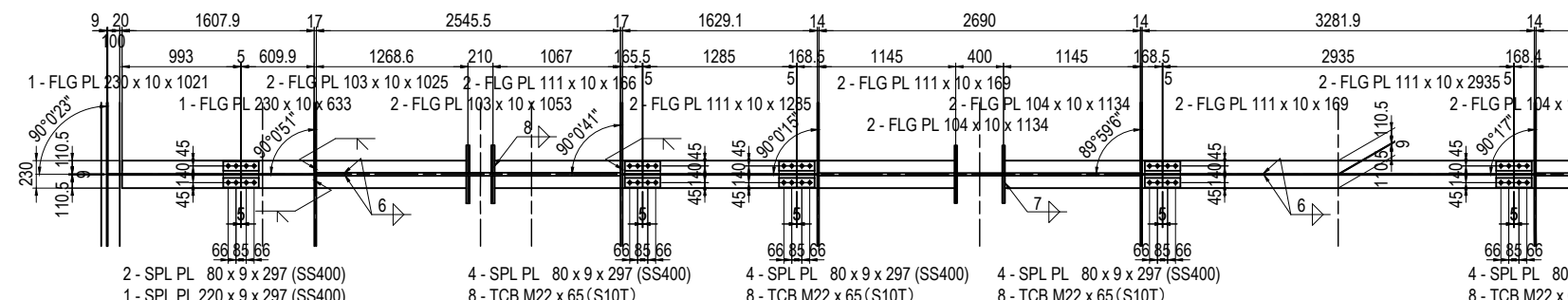
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SECTION B - B S=1:40

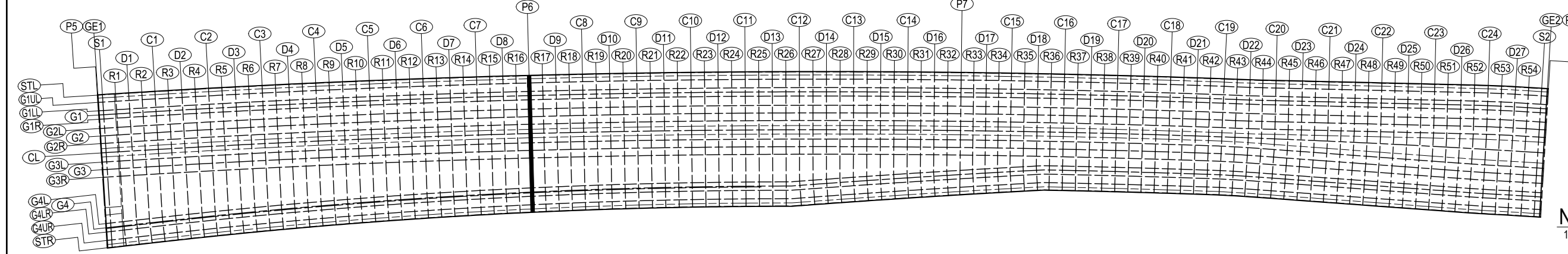
G1,G4 <G2,G3>



- | | | | |
|--|--|--|---|
| 2 - SPL PL 685 x 9 x 297 (SS400)
26 - TCB M22 x 65 (S10T)
2 - SPL PL 1305 x 9 x 297 (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 1298
1 - WEB PL 1597 x 9 x 1285
1 - FLG PL 250 x 10 x 1287
1 - HSTF PL 110 x 9 x 954 | 2 - SPL PL 685 x 9 x 297 (SS400)
26 - TCB M22 x 65 (S10T)
2 - SPL PL 1260 x 9 x 297 (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) | 2 - SPL PL 685 x 9 x 297 (SS400)
26 - TCB M22 x 65 (S10T)
2 - SPL PL 1304 x 9 x 297 (SS400)
48 - TCB M22 x 65 (S10T)
1 - SPL PL 240 x 9 x 297 (SS400)
2 - SPL PL 100 x 11 x 297 (SS400)
8 - TCB M22 x 75 (S10T) |
|--|--|--|---|



MARKING DIAGRAM



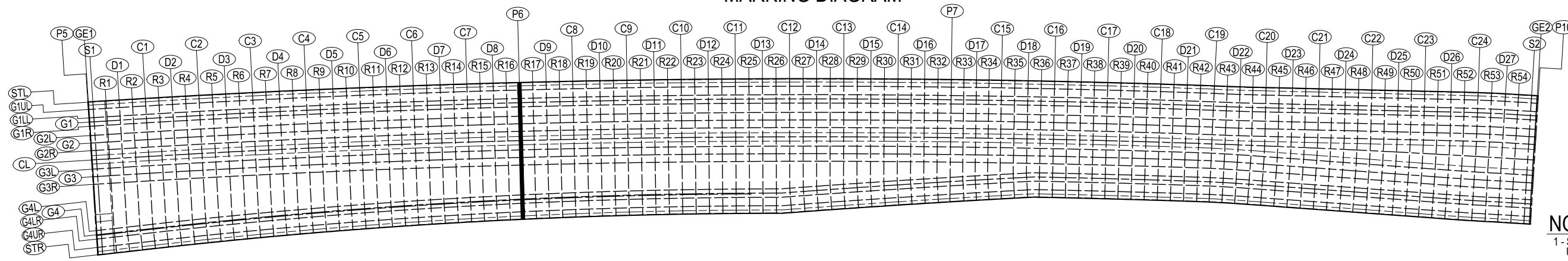
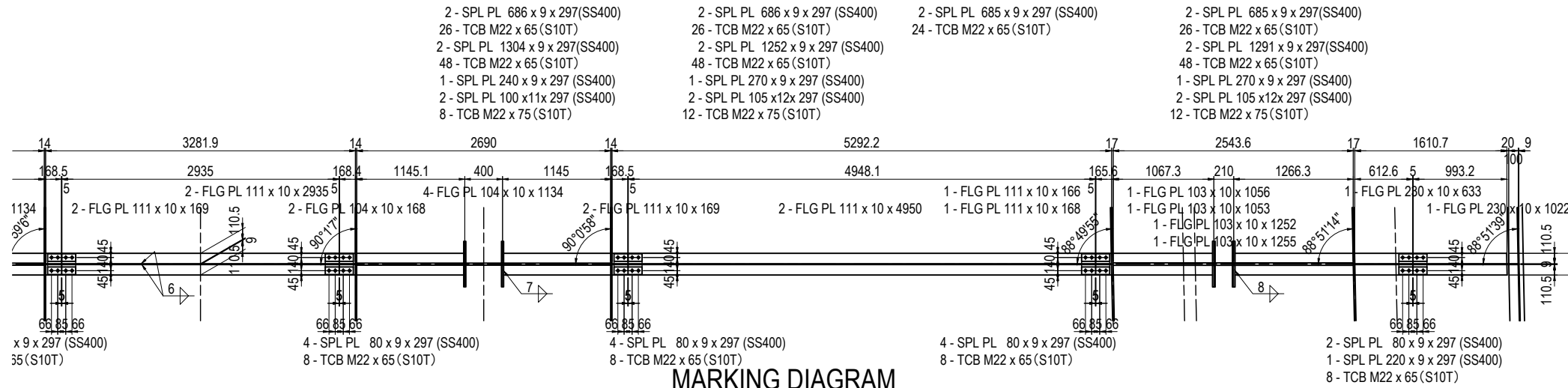
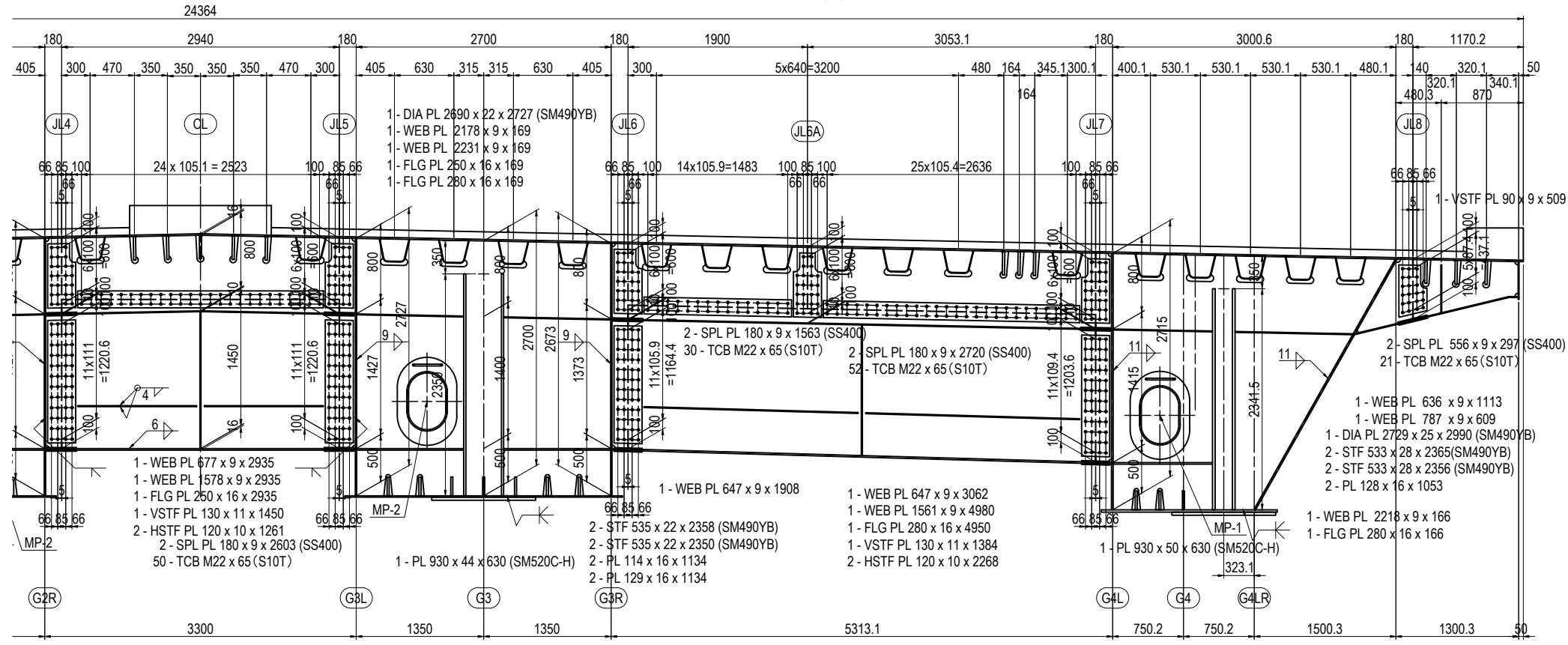
NOTES:
 1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY 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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF MIDDLE CROSS GIRDER (1)	PACKAGE 1 DWG No. P1-SB-1511
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

DETAIL OF MIDDLE CROSS GIRDER (2)

P6 (2)

S=1:60



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

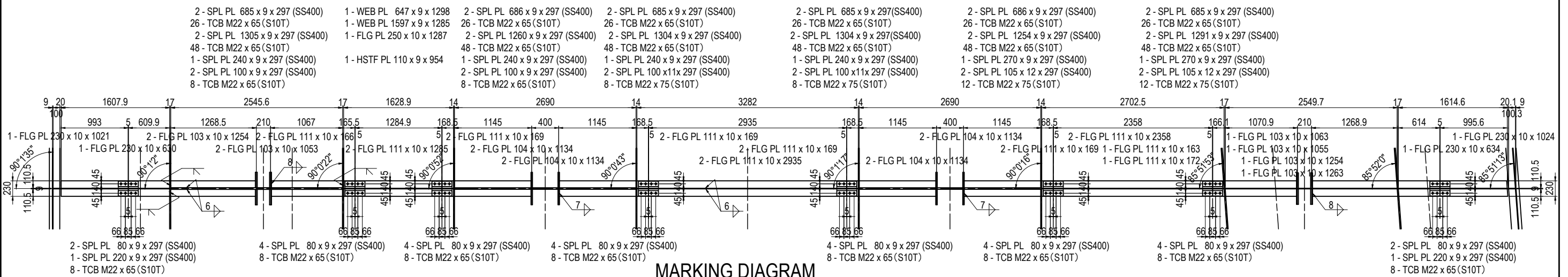
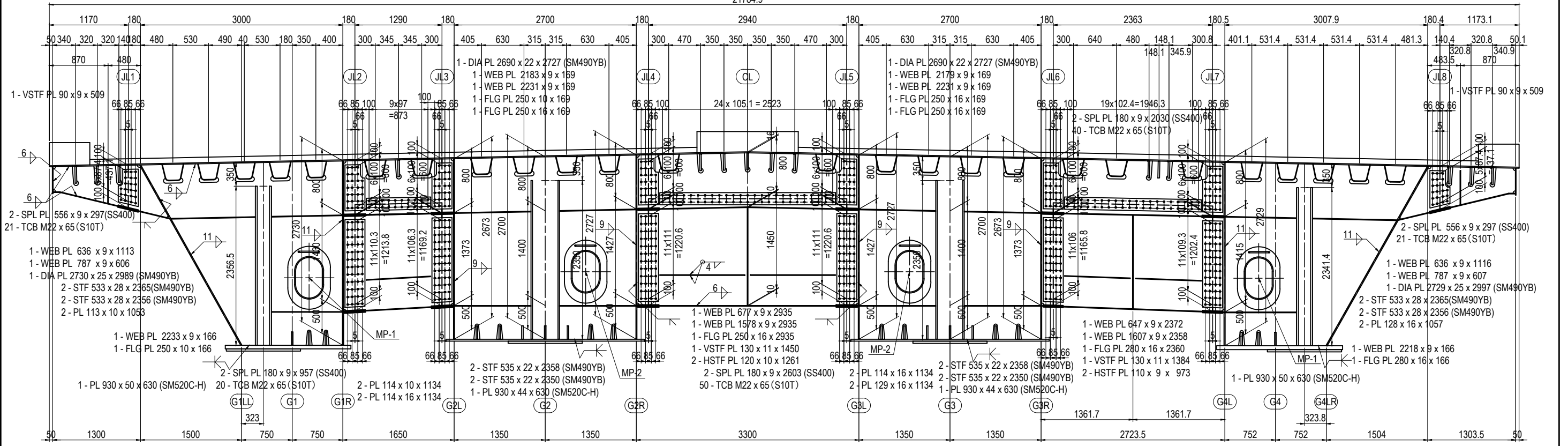
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE <i>S. Imada</i>	DATE 29 Sept.2017	DRAWING TITLE DETAIL OF MIDDLE CROSS GIRDER (2)	PACKAGE 1
				CHECKED BY T. HAYAKAWA	<i>T. Hayakawa</i>	3 Oct.2017		DWG No.
				APPROVED BY Y. SANO	<i>Y. Sano</i>	6 Oct.2017		P1-SB-1512

DETAIL OF MIDDLE CROSS GIRDER (3)

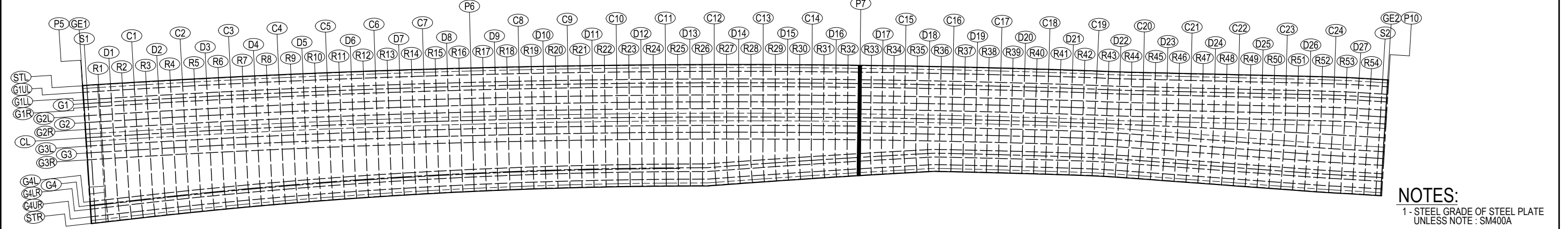
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P7

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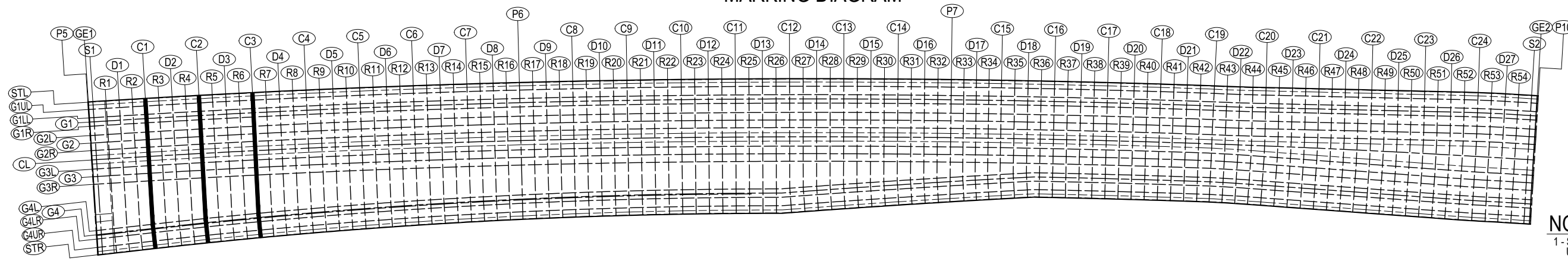
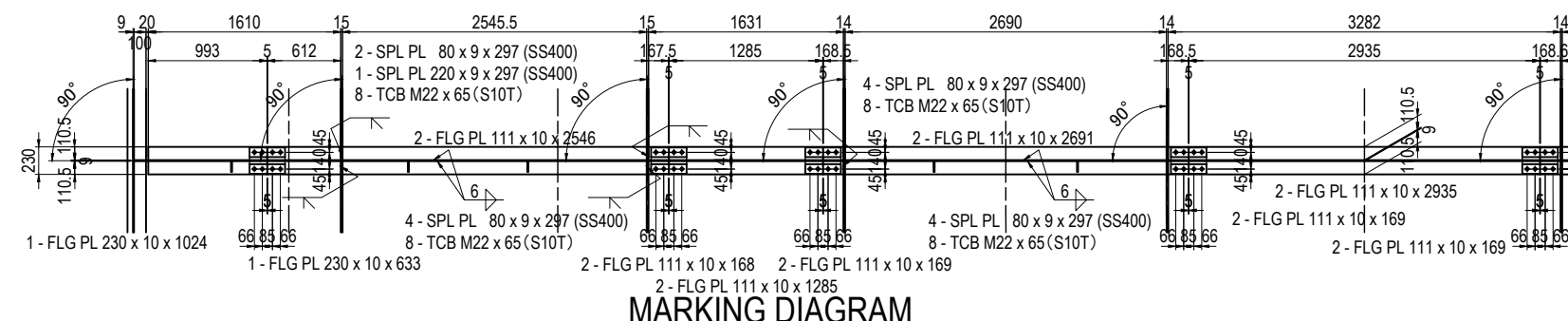
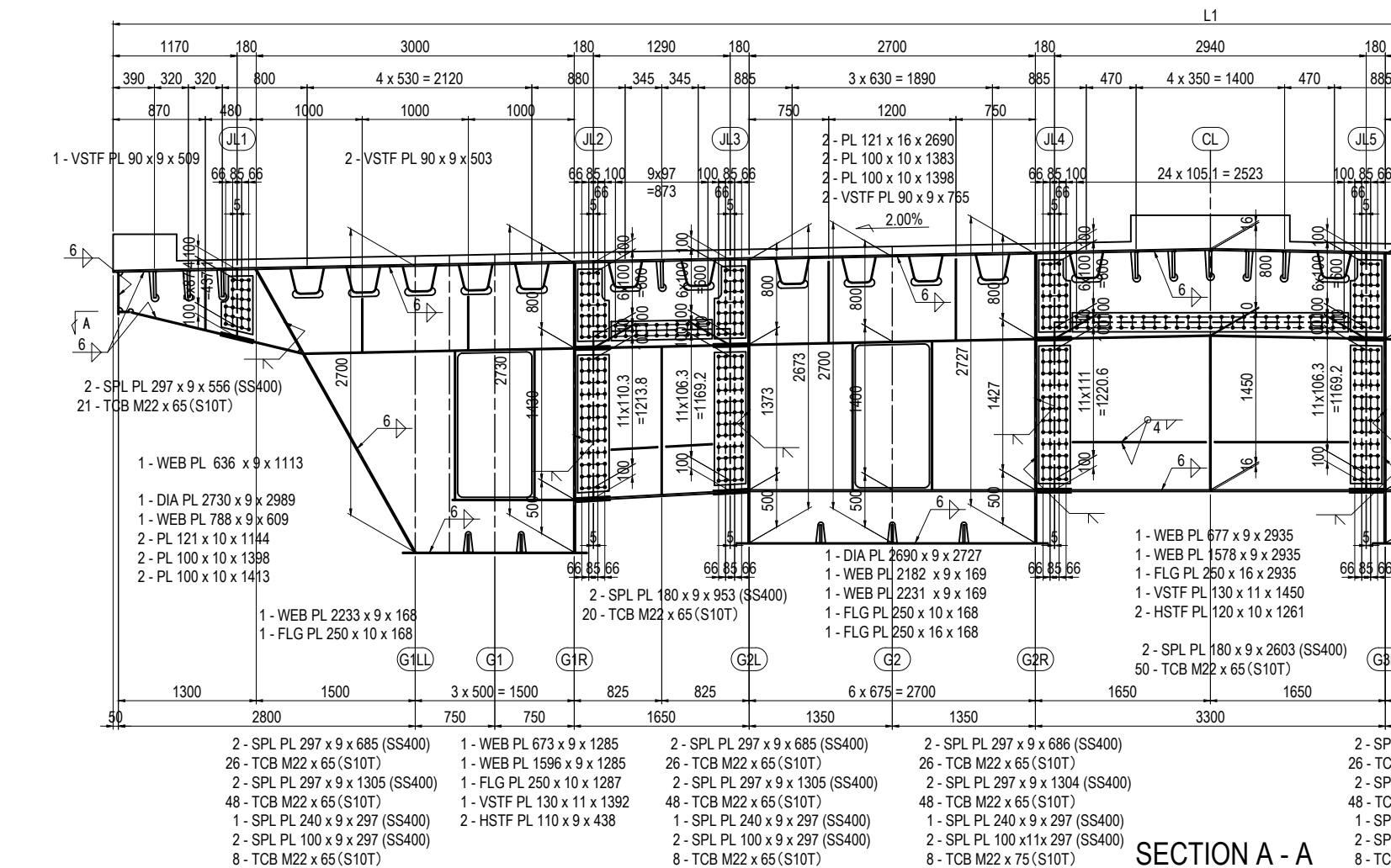
MARKING DIAGRAM



NOTES:
 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 S. IMADA	SIGNATURE 	DATE 29 Sept.2017	DRAWING TITLE DETAIL OF MIDDLE CROSS GIRDER (3)	PACKAGE 1 DWG No. P1-SB-1513
PREPARED BY T. HAYAKAWA				CHECKED BY Y. SANO		DATE 3 Oct.2017 6 Oct.2017		

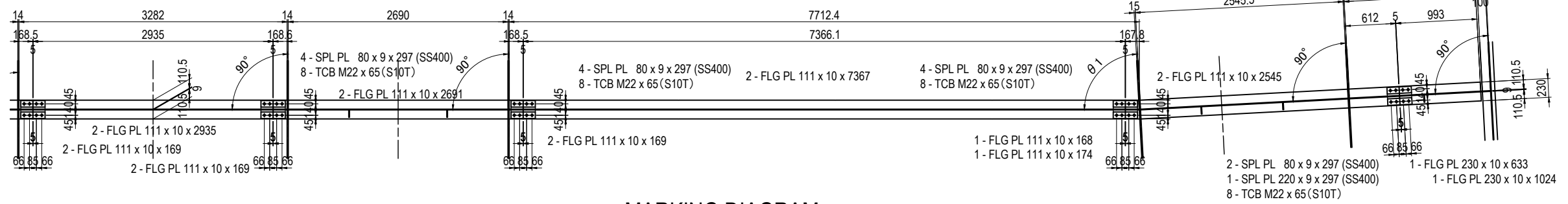
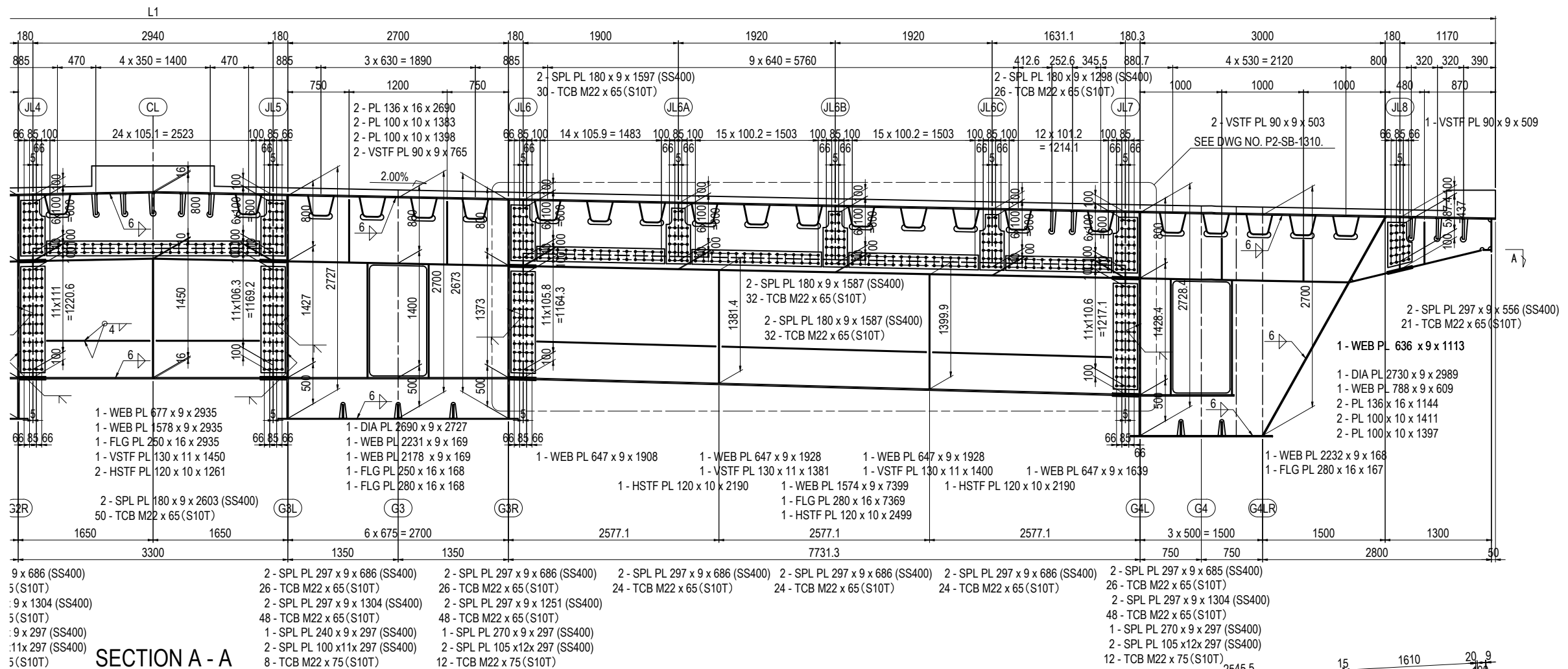
DETAIL OF CROSS GIRDER SECTION (1) S=1:60 C1 TO C3 (1)



NOTES:
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 PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 29 Sept.2017 3 Oct.2017 6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (1)	PACKAGE 1 DWG No. P1-SB-1521
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DETAIL OF CROSS GIRDER SECTION (2) S=1:60 C1 TO C3 (2)

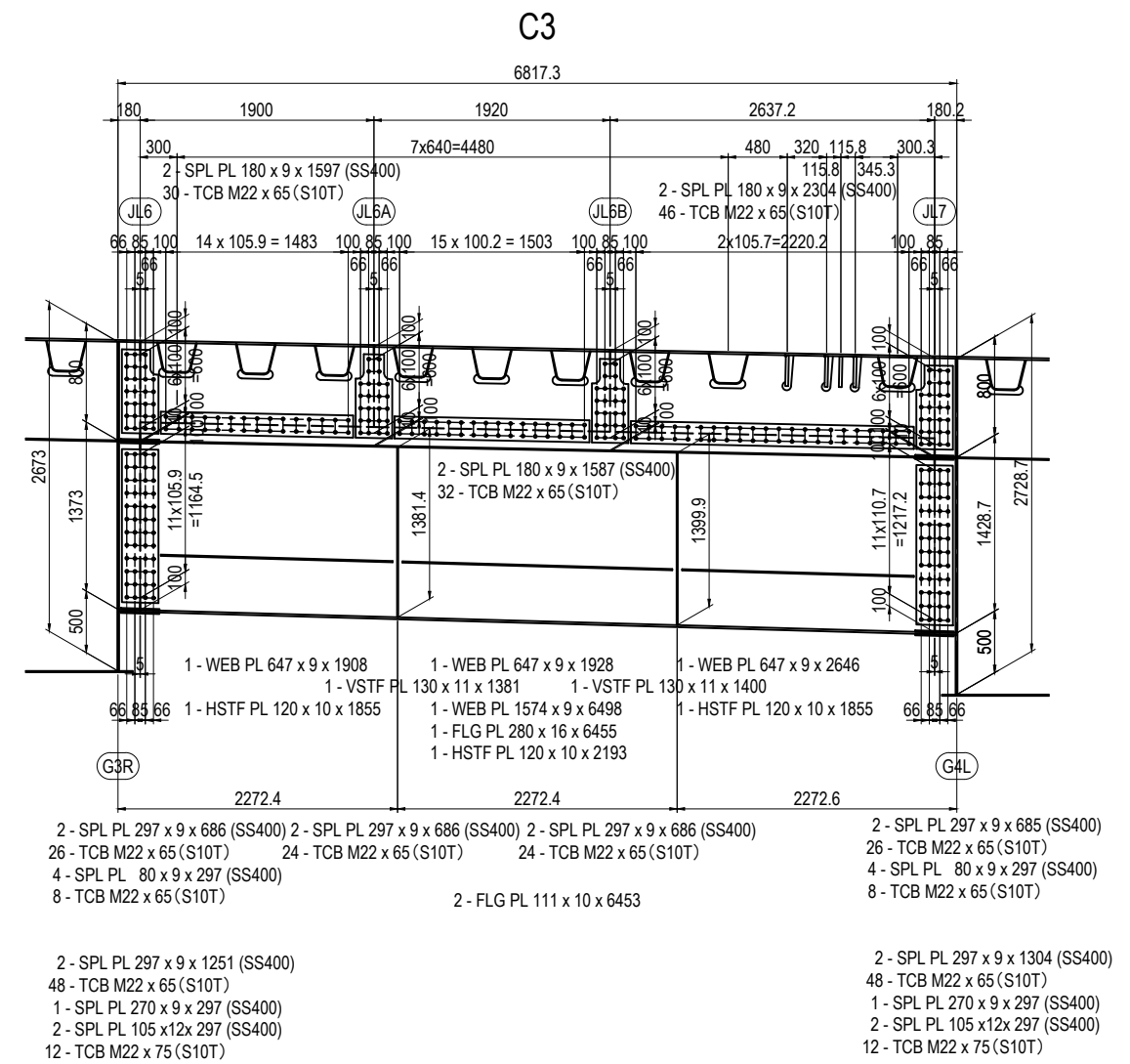
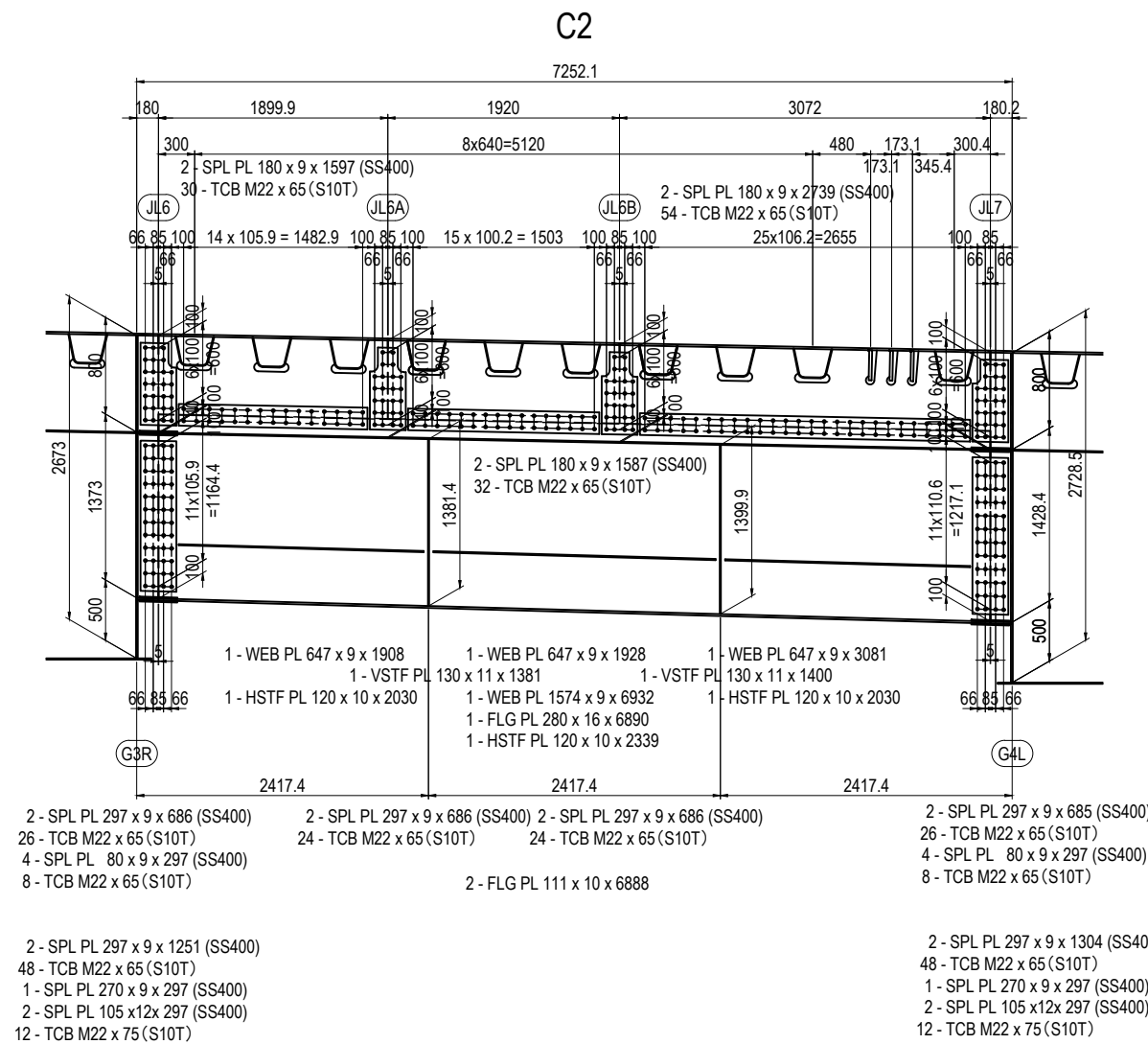


NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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 S. IMADA</td> <td></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		29 Sept.2017	CHECKED BY T. HAYAKAWA		3 Oct.2017	APPROVED BY Y. SANO		6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (2)	PACKAGE 1 DWG No. P1-SB-1522
NAME	SIGNATURE	DATE																
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 (3) S=1:60

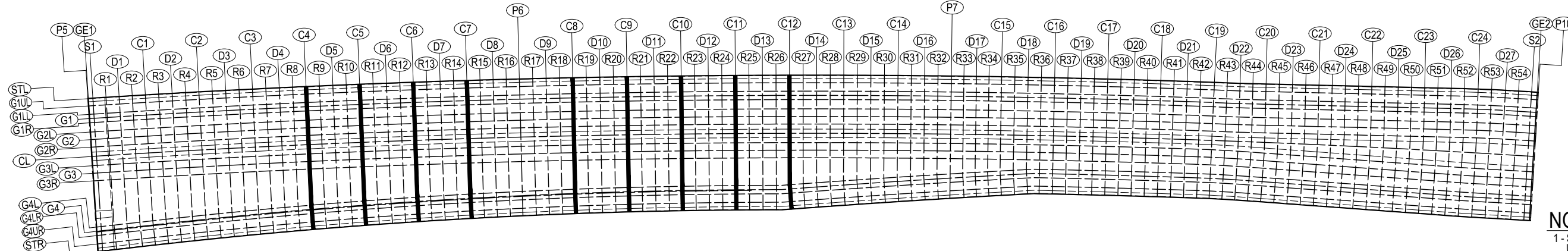
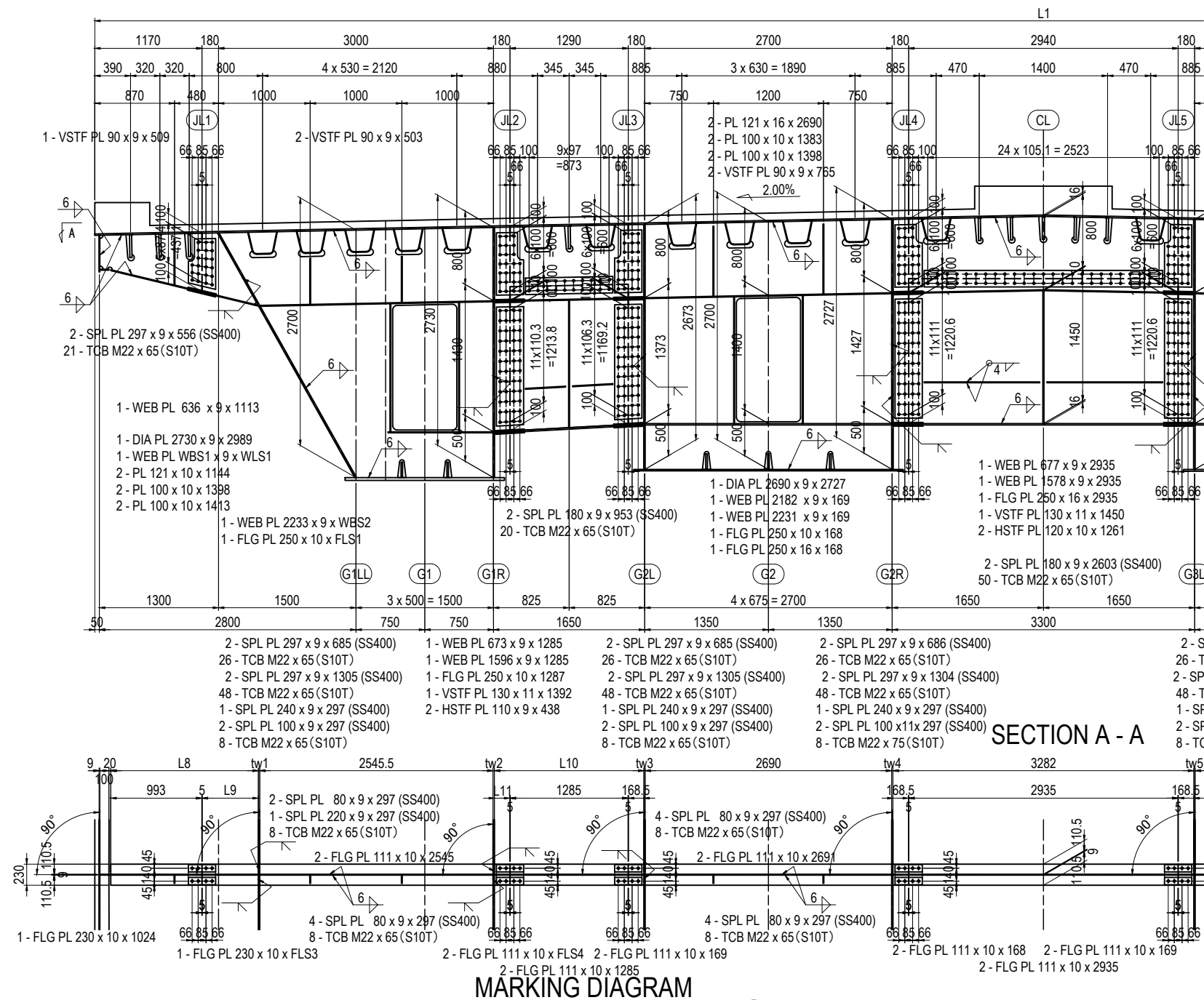
C1 TO C3 (3)



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

PROJECT NAME 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 29 Sept.2017 3 Oct.2017 6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (3)	PACKAGE 1 DWG No. P1-SB-1523
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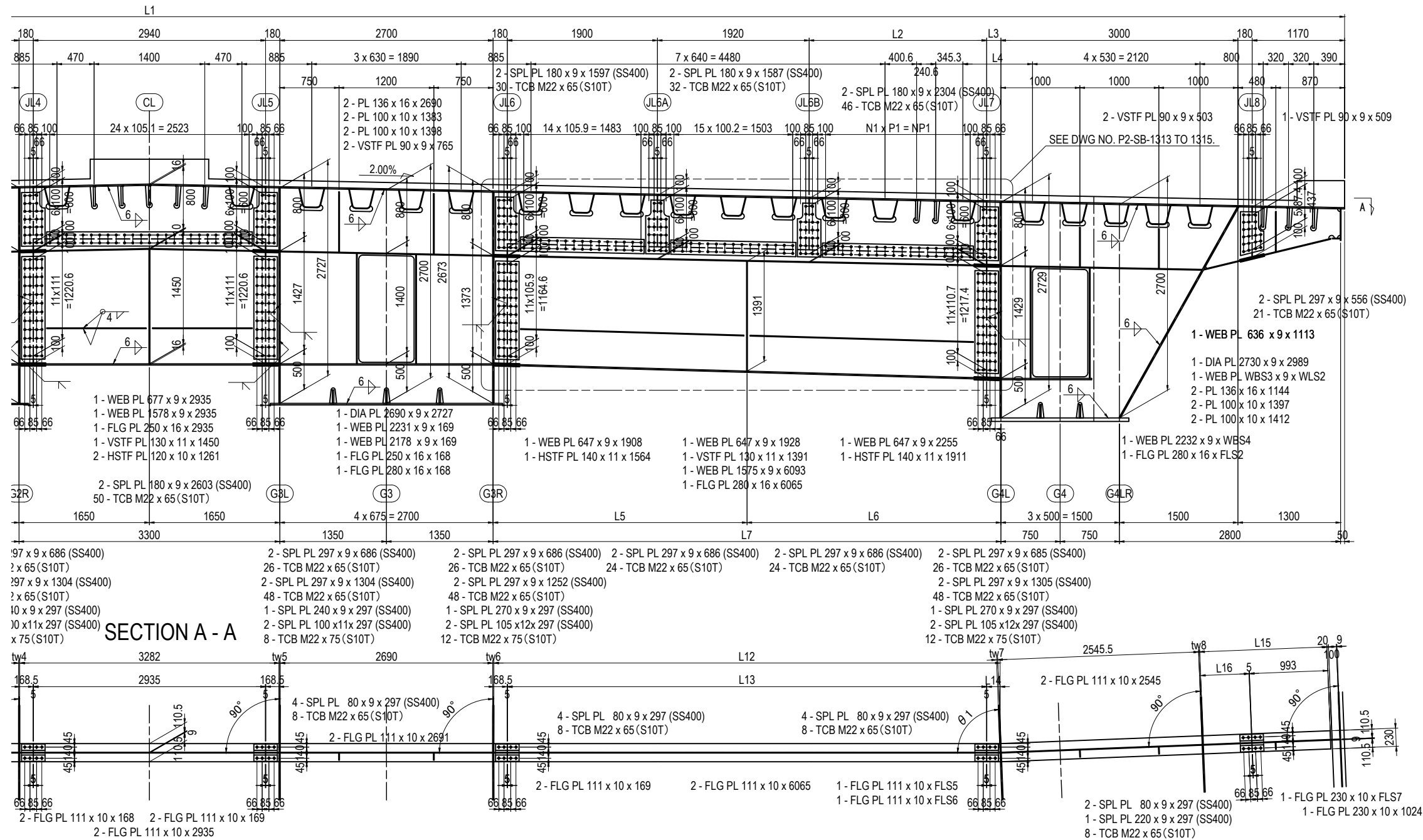
DETAIL OF CROSS GIRDER SECTION (4) S=1:60 C4 TO C12 (1)



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

PROJECT NAME 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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (4)	PACKAGE 1 DWG No. P1-SB-1524
NAME	SIGNATURE	DATE																
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 (5) S=1:60 C4 TO C12 (2)

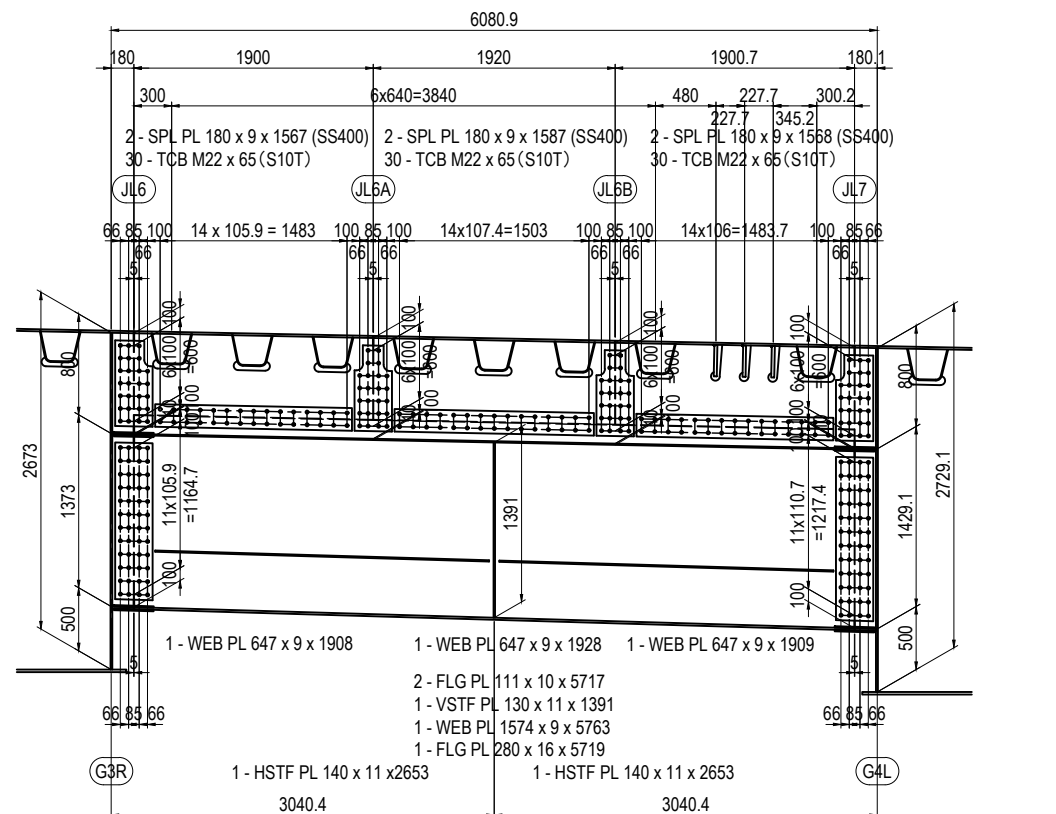


NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>DRAWING TITLE</th> <th>PACKAGE</th> </tr> </thead> <tbody> <tr> <td rowspan="3" style="text-align: center;">DETAIL OF CROSS GIRDER SECTION (5)</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">DWG No.</td> </tr> <tr> <td style="text-align: center;">P1-SB-1525</td> </tr> </tbody> </table>	DRAWING TITLE	PACKAGE	DETAIL OF CROSS GIRDER SECTION (5)	1	DWG No.	P1-SB-1525
NAME	SIGNATURE	DATE																					
PREPARED BY	S. IMADA	29 Sept.2017																					
CHECKED BY	T. HAYAKAWA	3 Oct.2017																					
APPROVED BY	Y. SANO	6 Oct.2017																					
DRAWING TITLE	PACKAGE																						
DETAIL OF CROSS GIRDER SECTION (5)	1																						
	DWG No.																						
	P1-SB-1525																						

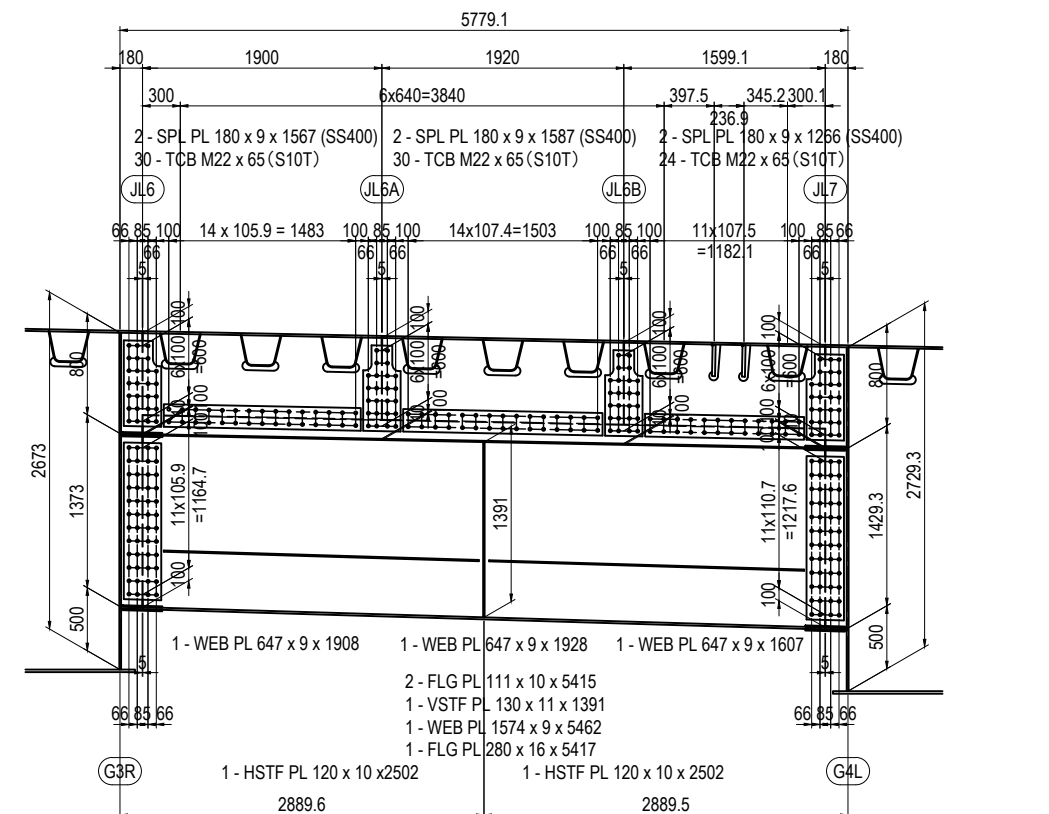
DETAIL OF CROSS GIRDER SECTION (6) S=1:60 C4 TO C12 (3)

C5



- | | | | |
|--|--|--|--|
| 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 686 (SS400)
24 - TCB M22 x 65 (S10T) | 2 - SPL PL 297 x 9 x 686 (SS400)
24 - TCB M22 x 65 (S10T) | 2 - SPL PL 297 x 9 x 685 (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 1252 (SS400)
48 - TCB M22 x 65 (S10T)
1 - SPL PL 270 x 9 x 297 (SS400)
2 - SPL PL 105 x 12 x 297 (SS400)
12 - TCB M22 x 75 (S10T) | | | 2 - SPL PL 297 x 9 x 1305 (SS400)
48 - TCB M22 x 65 (S10T)
1 - SPL PL 270 x 9 x 297 (SS400)
2 - SPL PL 105 x 12 x 297 (SS400)
12 - TCB M22 x 75 (S10T) |

C6

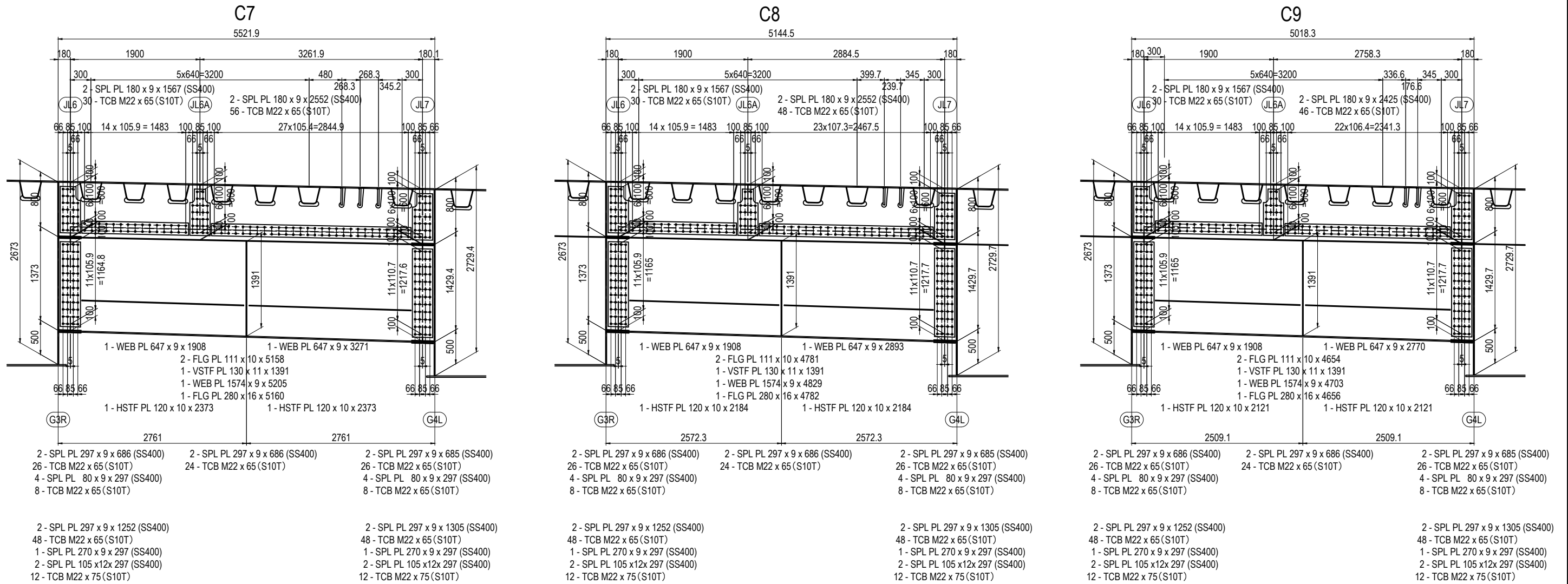


- | | | | |
|--|--|--|--|
| 2 - SPL PL 297 x 9 x 686 (SS400)
26 - TCB M22 x 65 (S10T)
4 - SPL PL 80 x 9 x 297 (SS400)
8 - TCB M22 x 65 (S10T) | 2 - SPL PL 297 x 9 x 686 (SS400)
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26 - TCB M22 x 65 (S10T)
4 - SPL PL 80 x 9 x 297 (SS400)
8 - TCB M22 x 65 (S10T) |
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48 - TCB M22 x 65 (S10T)
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48 - TCB M22 x 65 (S10T)
1 - SPL PL 270 x 9 x 297 (SS400)
2 - SPL PL 105 x 12 x 297 (SS400)
12 - TCB M22 x 75 (S10T) |

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

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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (6)	PACKAGE 1 DWG No. P1-SB-1526
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

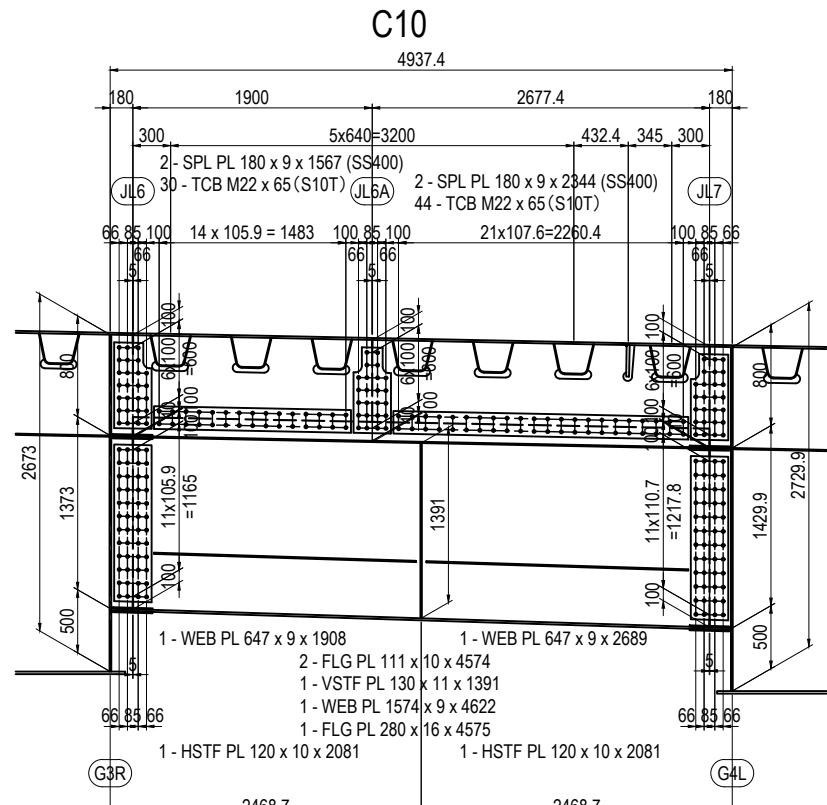
DETAIL OF CROSS GIRDER SECTION (7) S=1:60 C4 TO C12 (4)



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

PROJECT NAME 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%;"></th> <th style="width: 20%;">NAME</th> <th style="width: 20%;">SIGNATURE</th> <th style="width: 10%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		29 Sept.2017	CHECKED BY	T. HAYAKAWA		3 Oct.2017	APPROVED BY	Y. SANO		6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (7)	PACKAGE 1 DWG No. P1-SB-1527
	NAME	SIGNATURE	DATE																			
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 (8) S=1:60 C4 TO C12 (5)

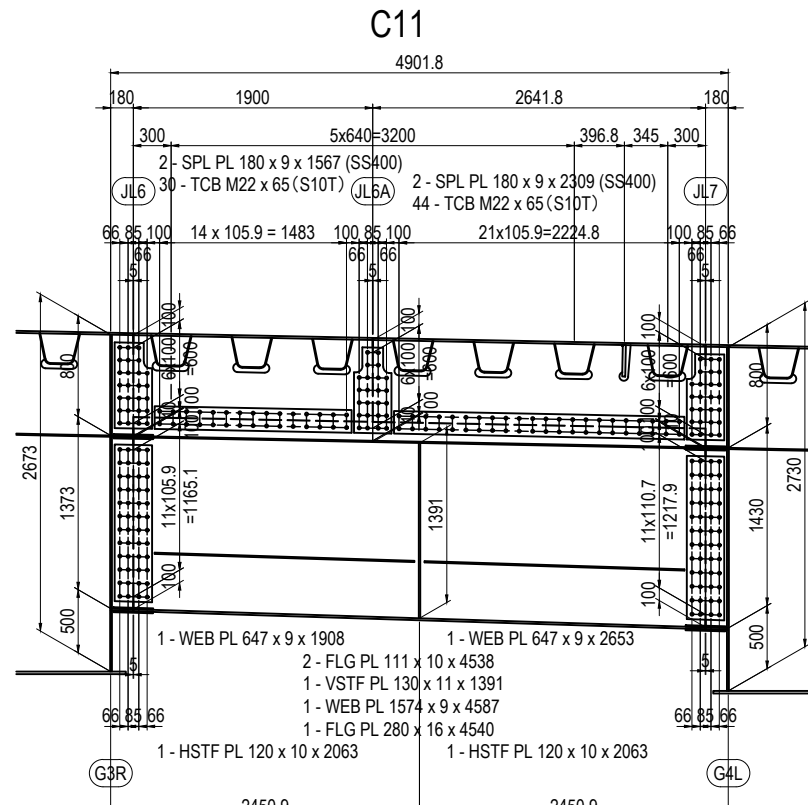


- 2 - SPL PL 297 x 9 x 686 (SS400)
- 26 - TCB M22 x 65 (S10T)
- 4 - SPL PL 80 x 9 x 297 (SS400)
- 8 - TCB M22 x 65 (S10T)

- 2 - SPL PL 297 x 9 x 1252 (SS400)
- 48 - TCB M22 x 65 (S10T)
- 1 - SPL PL 270 x 9 x 297 (SS400)
- 2 - SPL PL 105 x 12 x 297 (SS400)
- 12 - TCB M22 x 75 (S10T)

- 2 - SPL PL 297 x 9 x 686 (SS400)
- 24 - TCB M22 x 65 (S10T)
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- 2 - SPL PL 297 x 9 x 1305 (SS400)
- 48 - TCB M22 x 65 (S10T)
- 1 - SPL PL 270 x 9 x 297 (SS400)
- 2 - SPL PL 105 x 12 x 297 (SS400)
- 12 - TCB M22 x 75 (S10T)

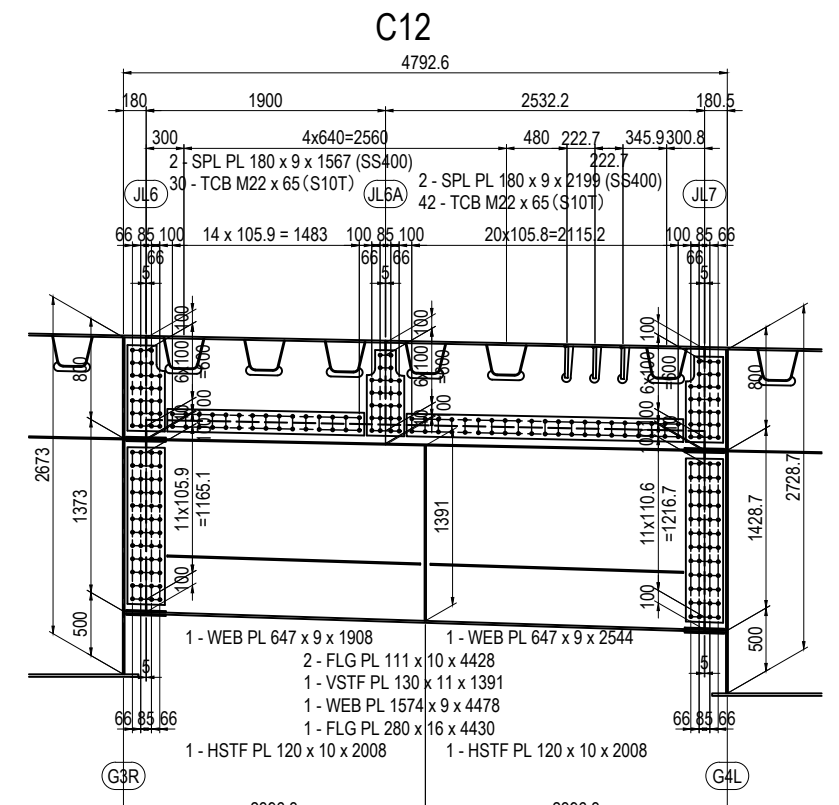


- 2 - SPL PL 297 x 9 x 686 (SS400)
- 26 - TCB M22 x 65 (S10T)
- 4 - SPL PL 80 x 9 x 297 (SS400)
- 8 - TCB M22 x 65 (S10T)

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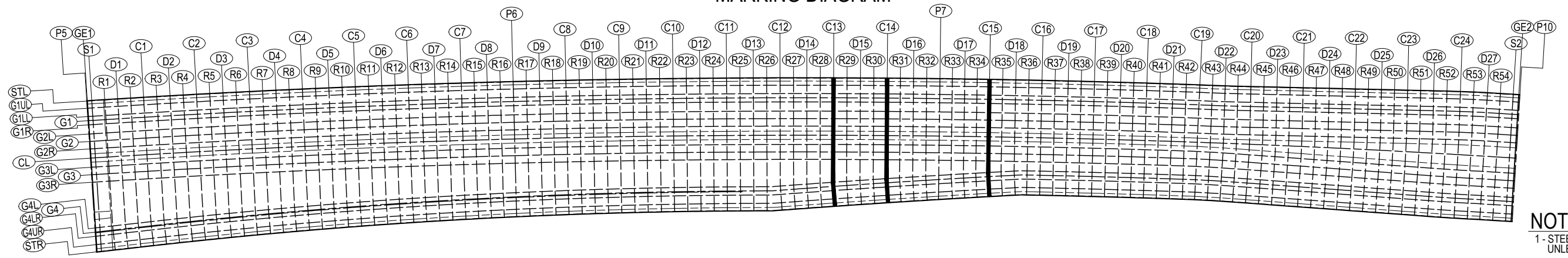
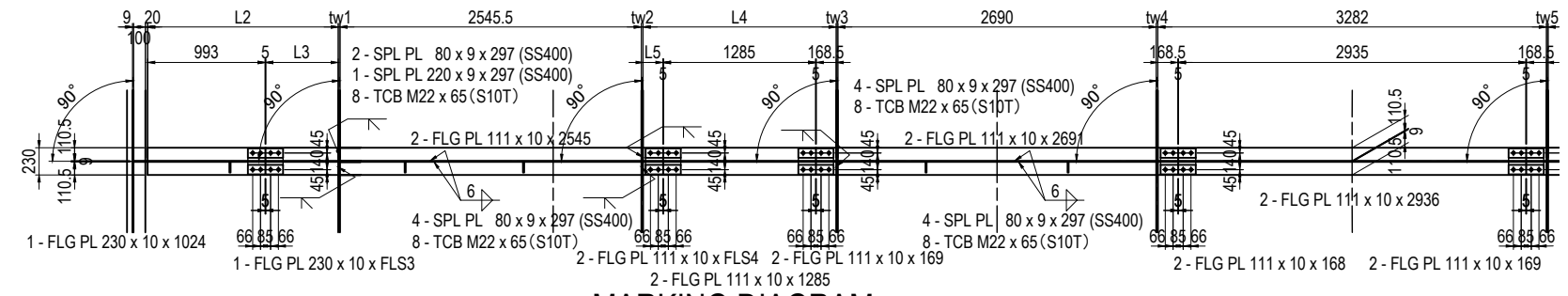
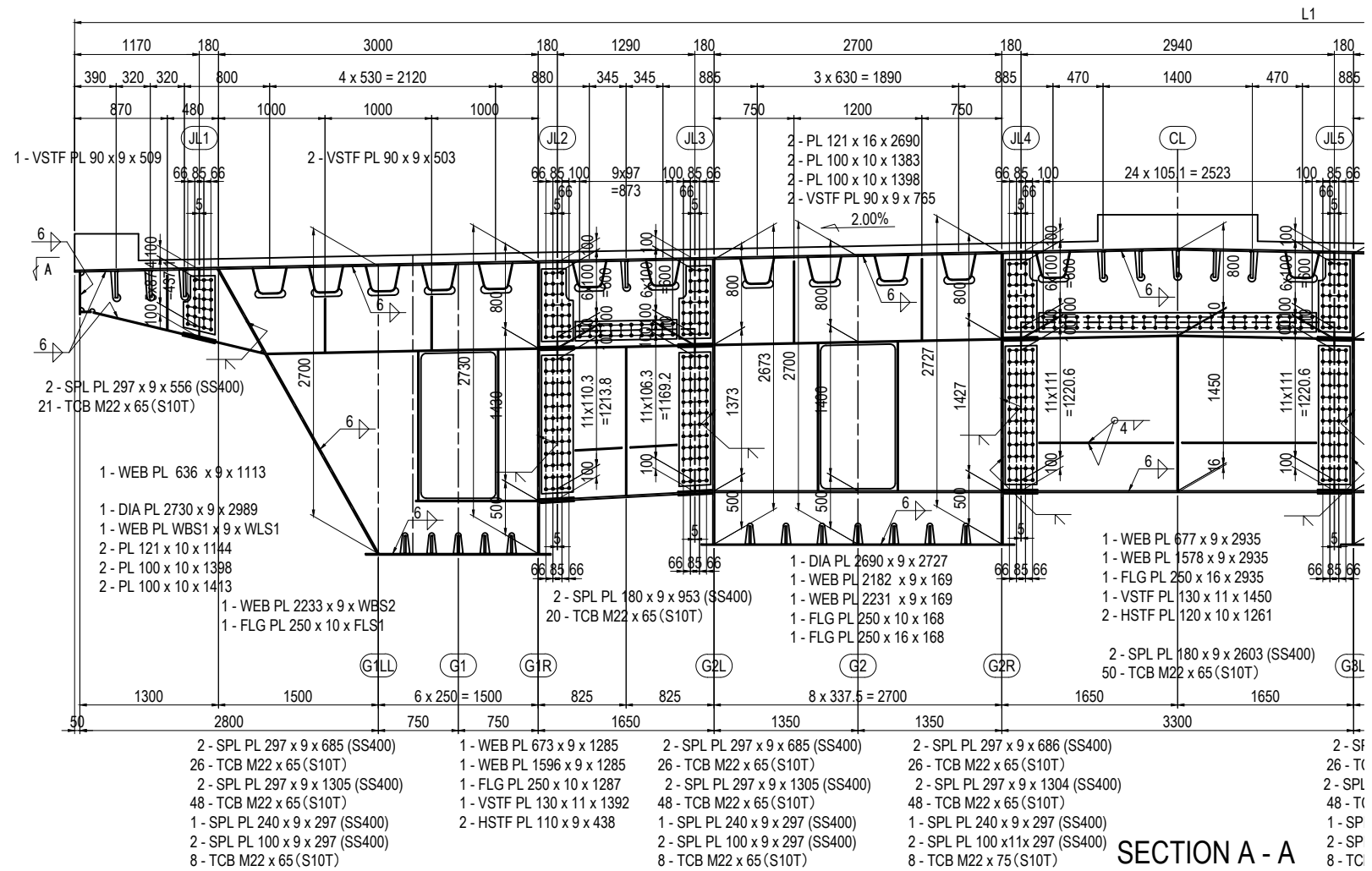
- 2 - SPL PL 297 x 9 x 686 (SS400)
- 24 - TCB M22 x 65 (S10T)
- 2 - SPL PL 297 x 9 x 685 (SS400)
- 26 - TCB M22 x 65 (S10T)
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- 12 - TCB M22 x 75 (S10T)

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

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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (8)	PACKAGE 1 DWG No. P1-SB-1528
NAME	SIGNATURE	DATE																
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 (9) S=1:60 C13 TO C15 (1)



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

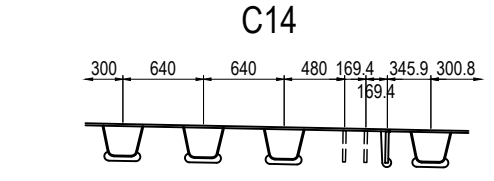
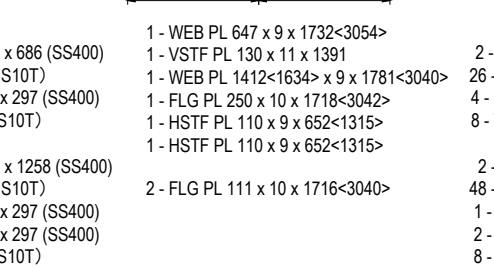
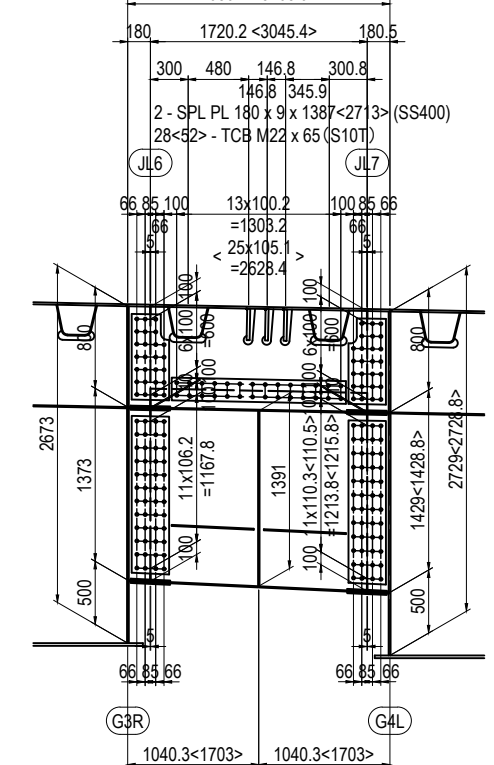
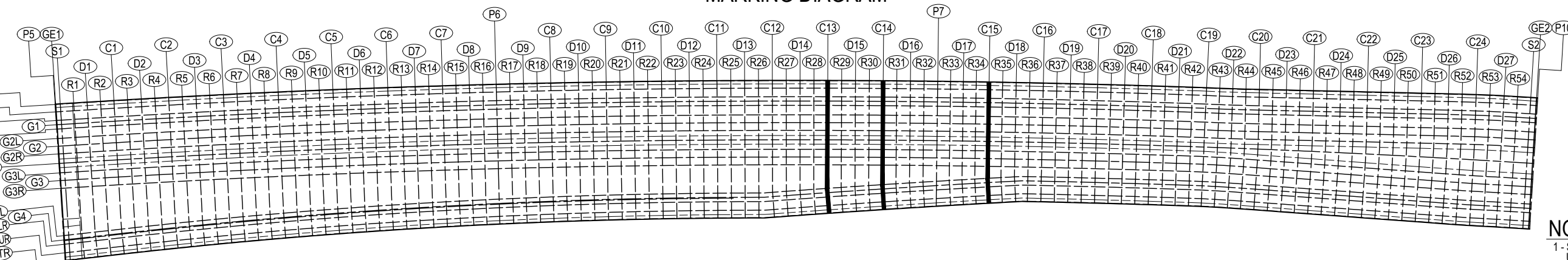
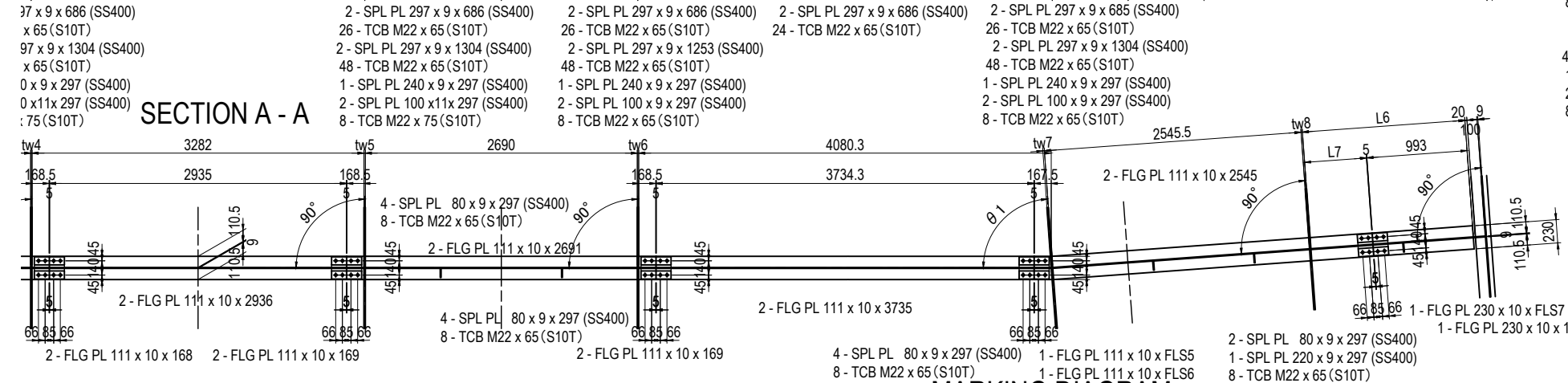
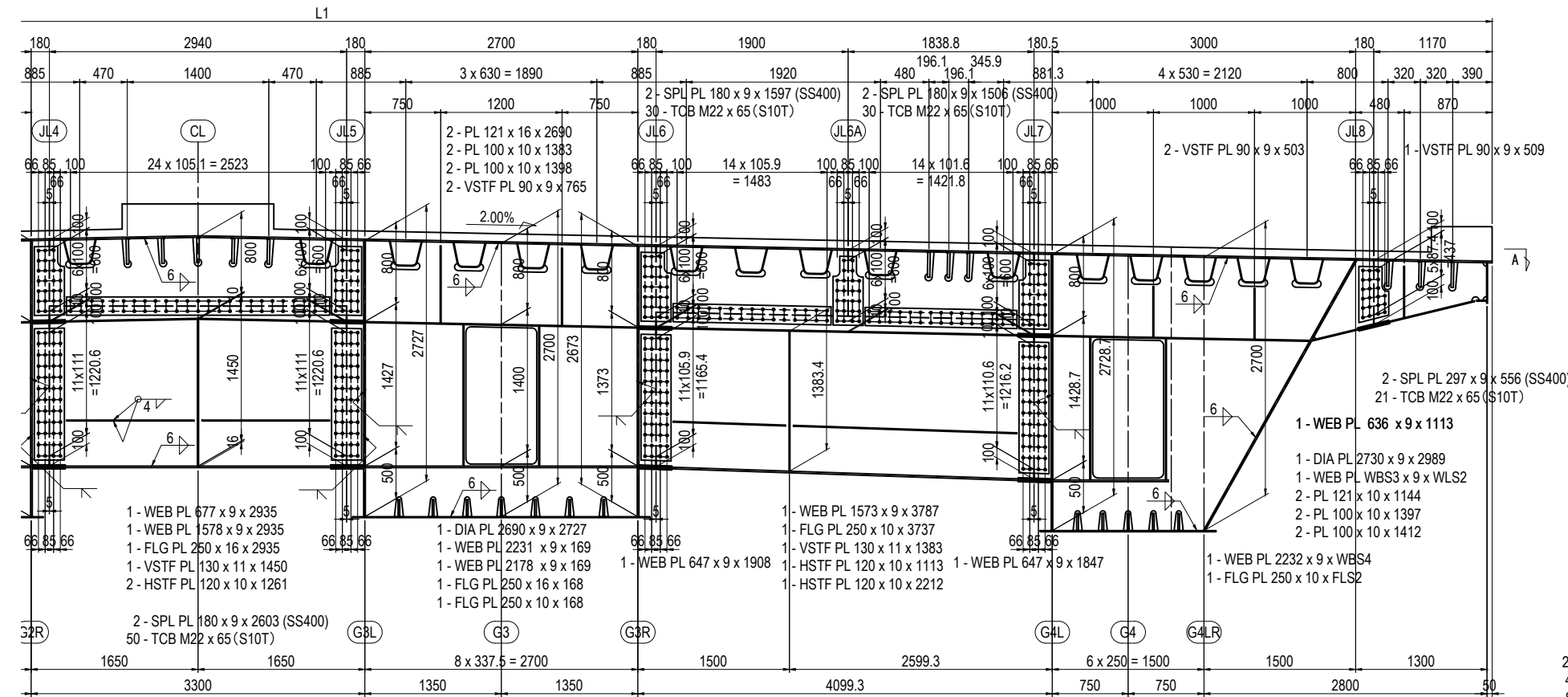
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE	
				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 (9)	1	
								DWG No.	
								P1-SB-1529	

DETAIL OF CROSS GIRDER SECTION (10) S=1:60

C13 TO C15 (2)

<C14>, C15

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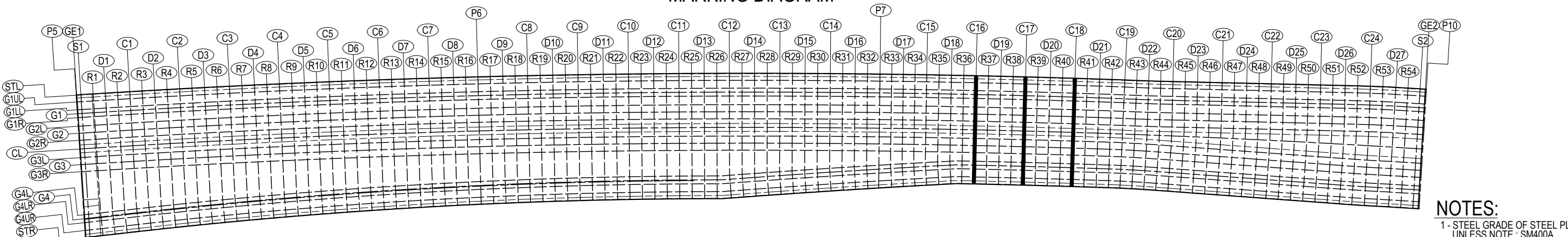
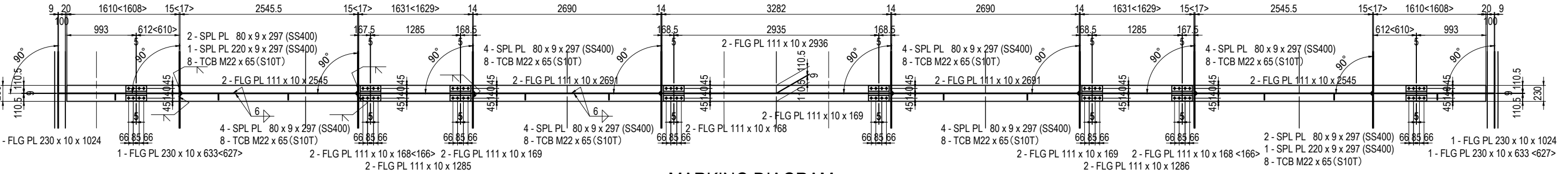
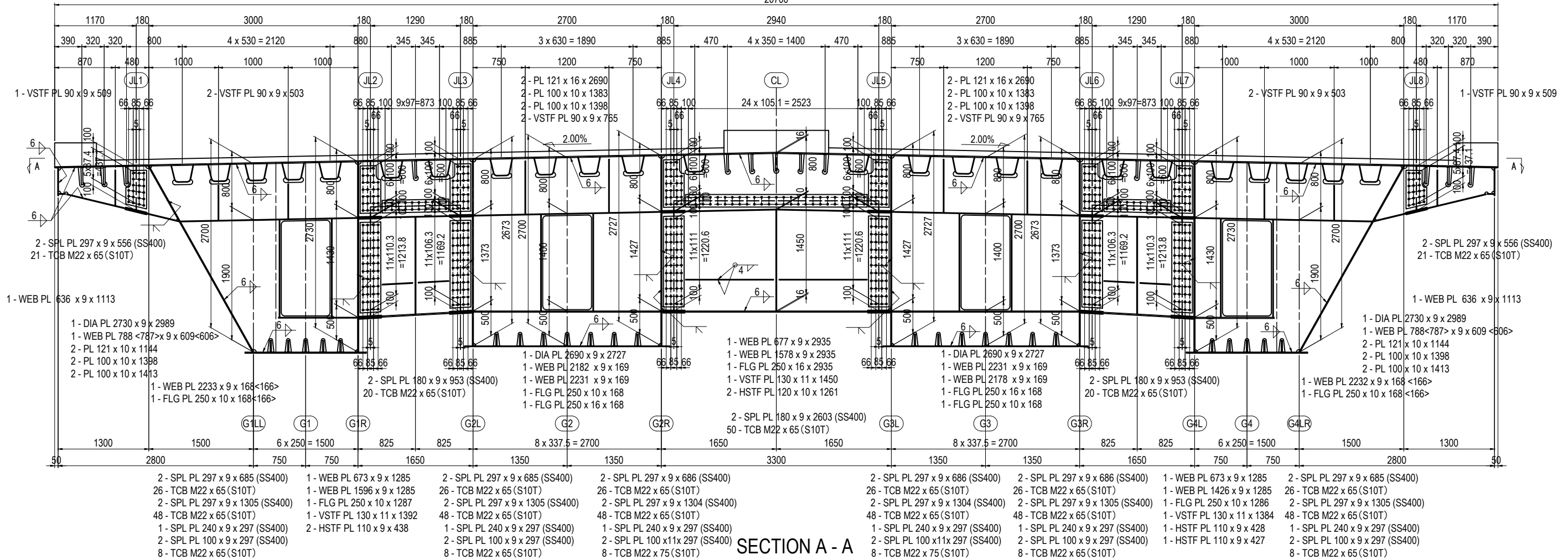
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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 <i>S. Imada</i>	DATE 29 Sept.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (10)	PACKAGE 1
				CHECKED BY T. HAYAKAWA	<i>T. Hayakawa</i>	3 Oct.2017		DWG No.
				APPROVED BY Y. SANO	<i>Y. Sano</i>	6 Oct.2017		P1-SB-1530

DETAIL OF CROSS GIRDER SECTION (11) S=1:60

C16, C17 & <C18> (1)

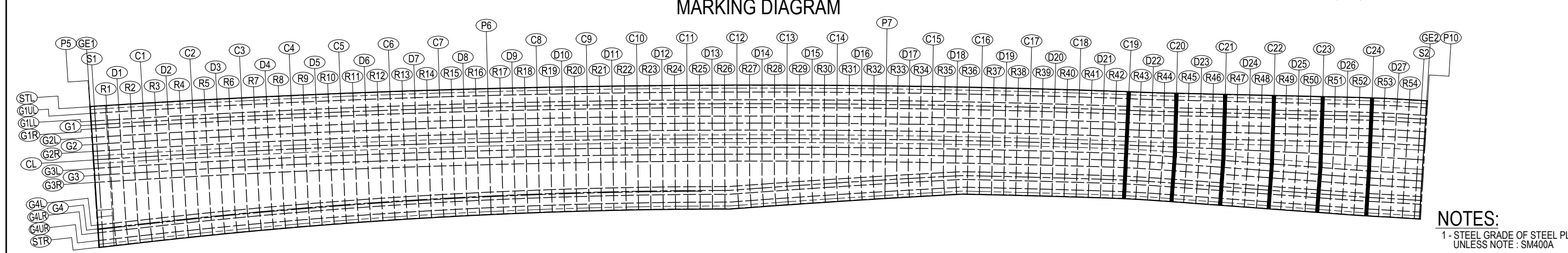
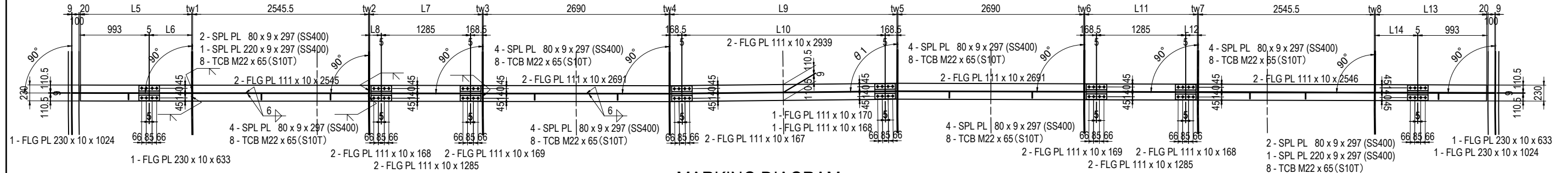
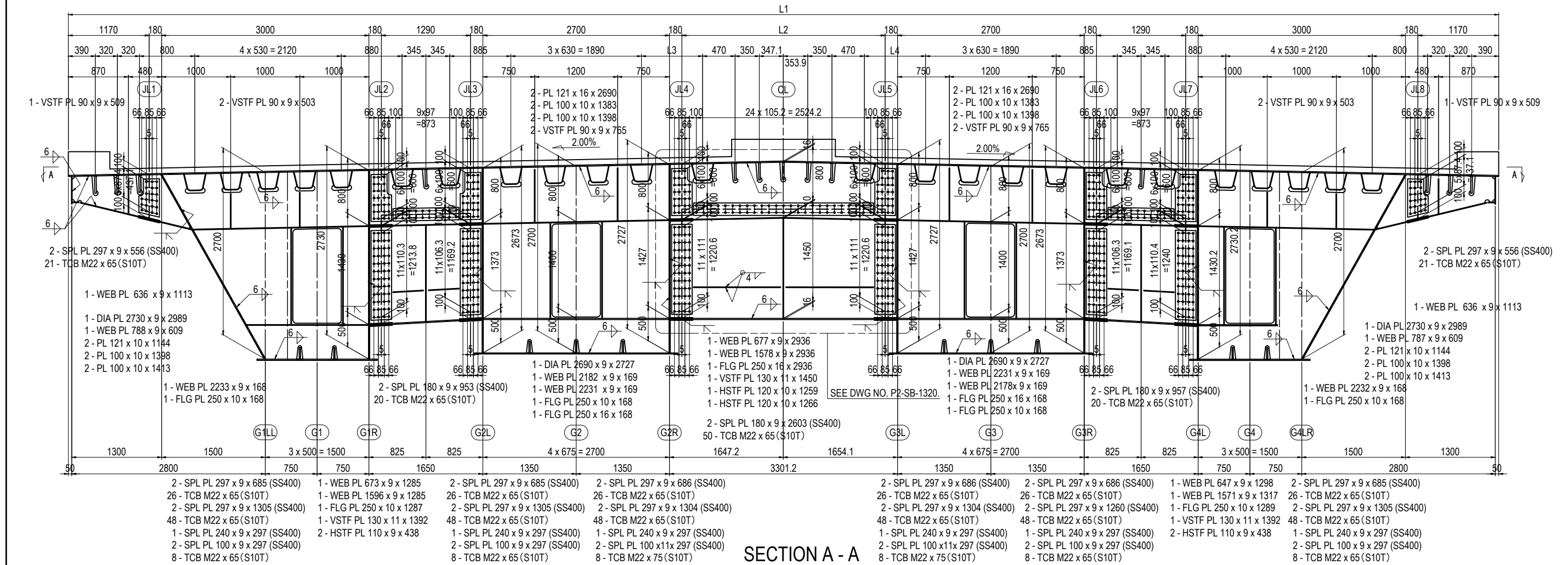
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NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (11)	PACKAGE 1 DWG No. P1-SB-1531
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

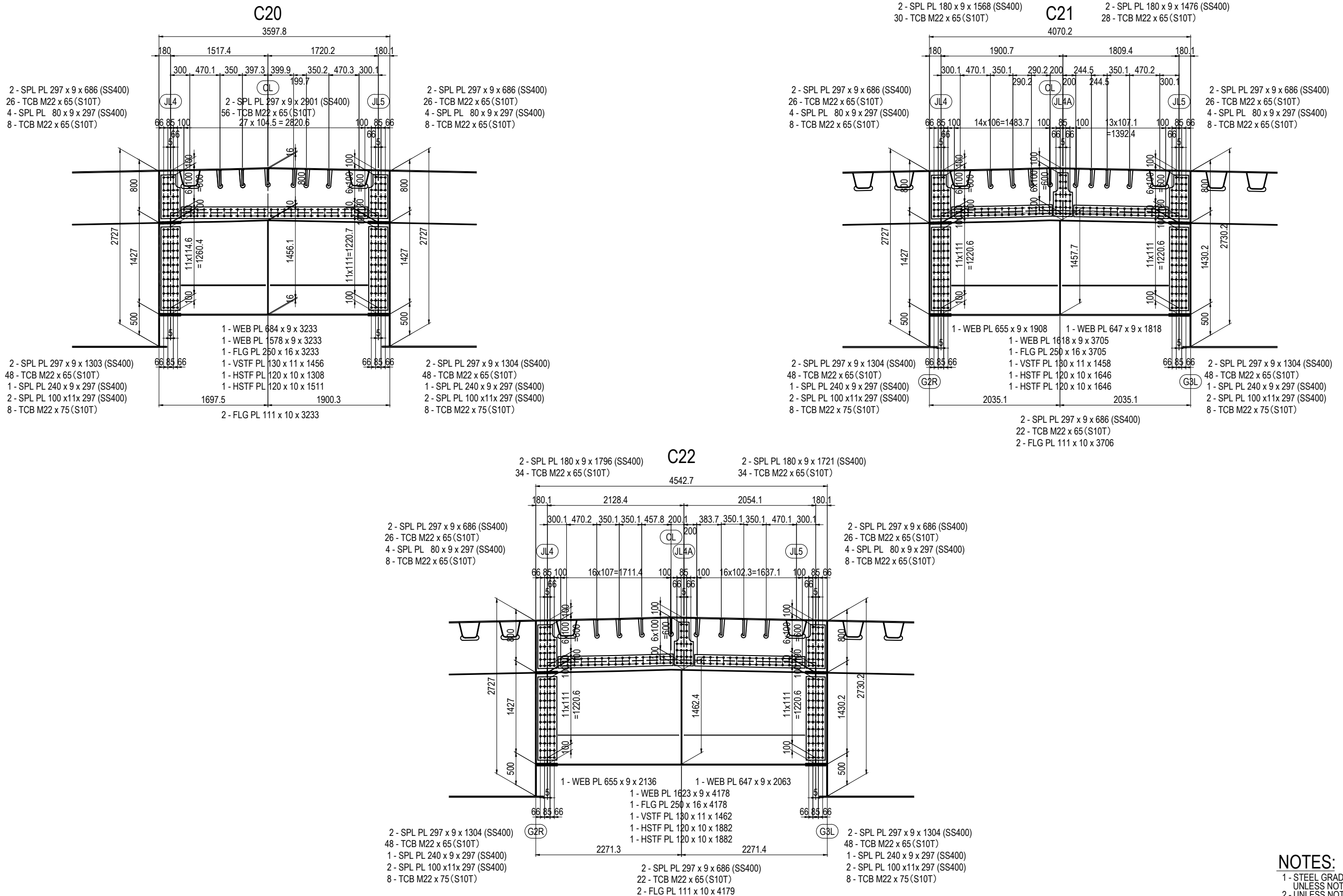
DETAIL OF CROSS GIRDER SECTION (12) S=1:60 C19 TO C24 (1)



NOTES:
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.	<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 S. IMADA</td> <td></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		29 Sept.2017	CHECKED BY T. HAYAKAWA		3 Oct.2017	APPROVED BY Y. SANO		6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (12)	PACKAGE 1 DWG No. P1-SB-1532
NAME	SIGNATURE	DATE																
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 (13) S=1:60 C19 TO C24 (2)

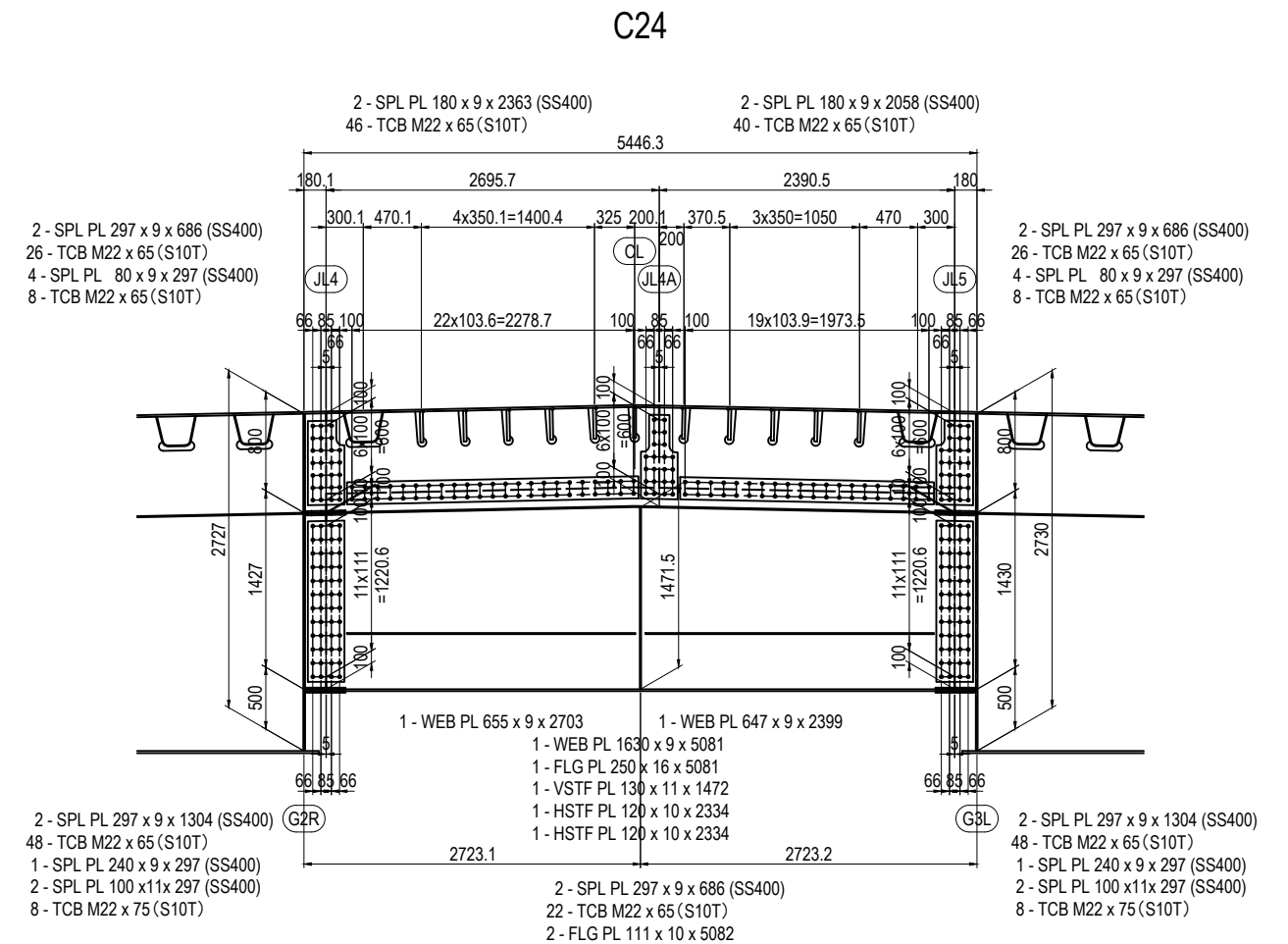
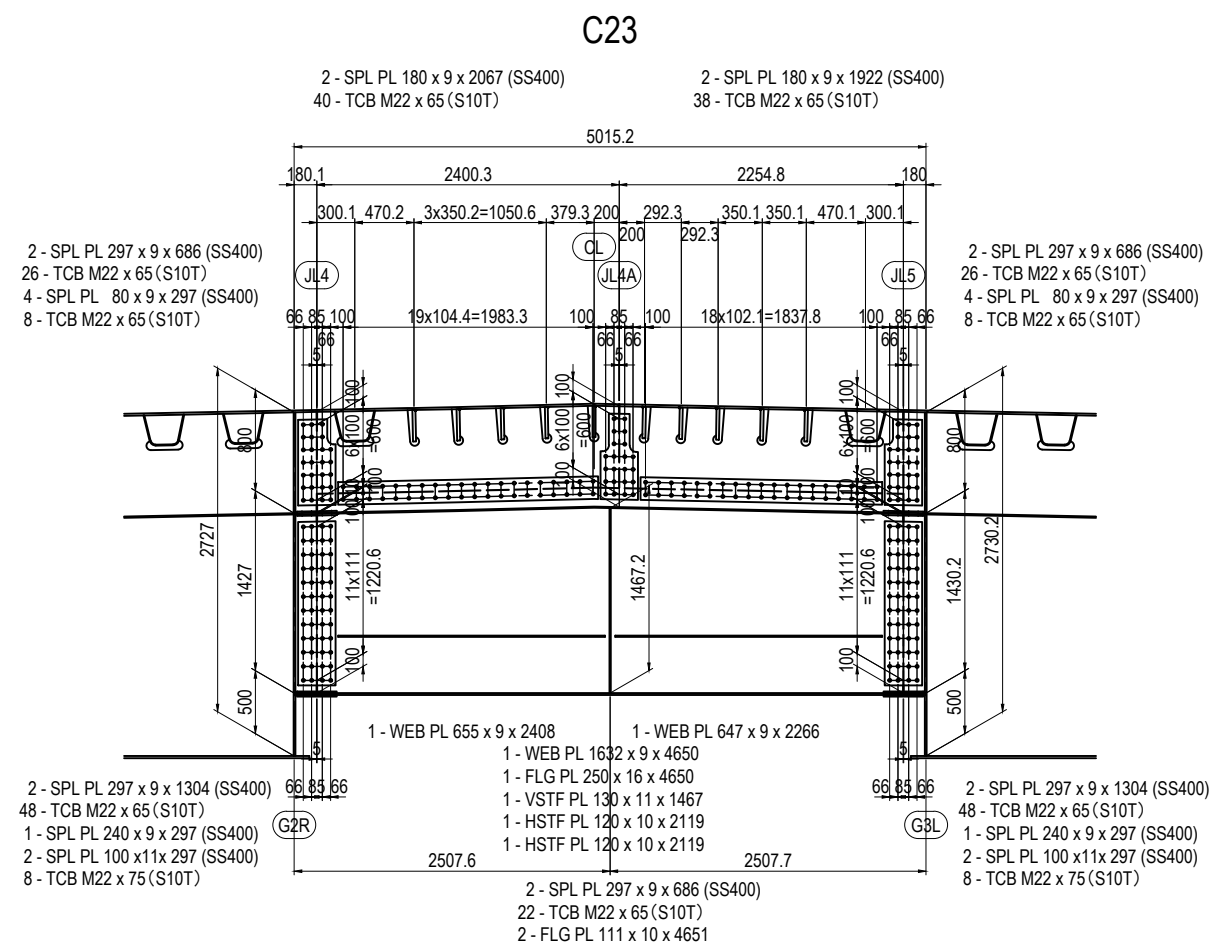


NOTES:
 1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A
 2 - UNLESS NOTED OTHERWISE SEE DWG NO. P2-SB-1319.

PROJECT NAME 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 29 Sept.2017 3 Oct.2017 6 Oct.2017	DRAWING TITLE DETAIL OF CROSS GIRDER SECTION (13)	PACKAGE 1 DWG No. P1-SB-1533
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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	
				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-1534

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

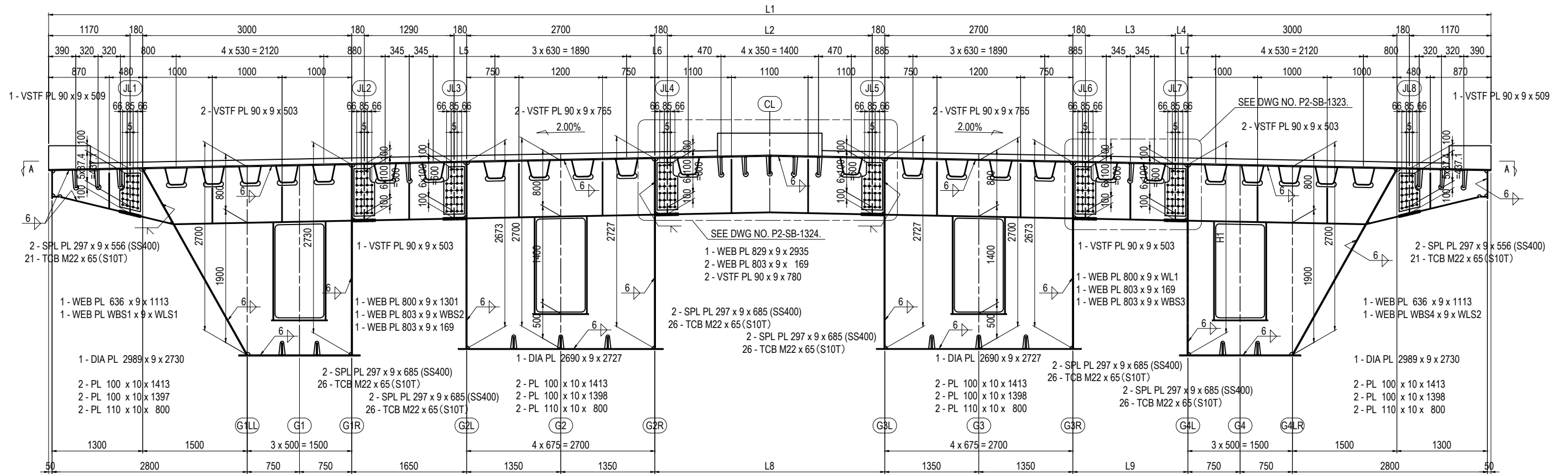
	θ1	WBS1	WBS2	WBS3	WBS4	WLS1	WLS2	FLS1	FLS2	FLS3	FLS4	FLS5	FLS6	FLS7
C13	85°51'06"	788	168	788	168	609	609	168	168	633	168	167	172	633
C14	85°51'11"	787	166	787	166	606	606	166	166	627	166	167	172	627
C15	85°51'21"	788	168	788	168	609	609	168	168	633	168	167	172	633

	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

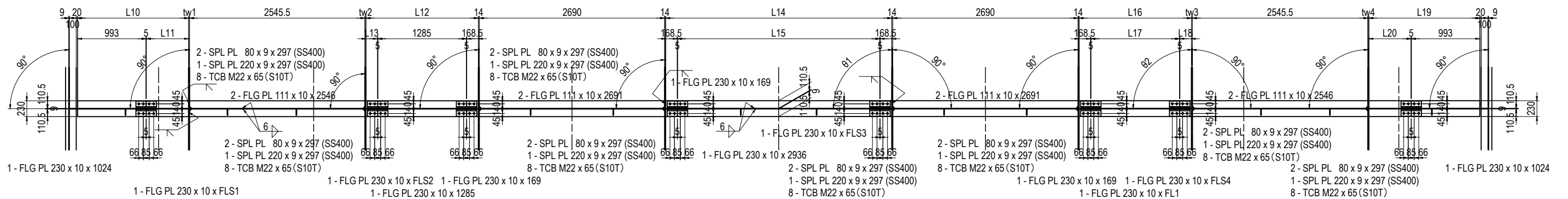
	tw1	tw2	tw3	tw4	tw5	tw6	tw7	tw8	θ1
C19	17	17	14	14	14	14	17	17	90°47'11"
C20	17	17	14	14	14	14	17	17	91°53'51"
C21	17	17	14	14	14	14	17	17	91°37'41"
C22	17	17	14	14	14	14	17	17	91°21'32"
C23	17	17	14	14	14	14	17	17	91°05'23"
C24	15	15	14	14	14	14	15	15	90°08'50"

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

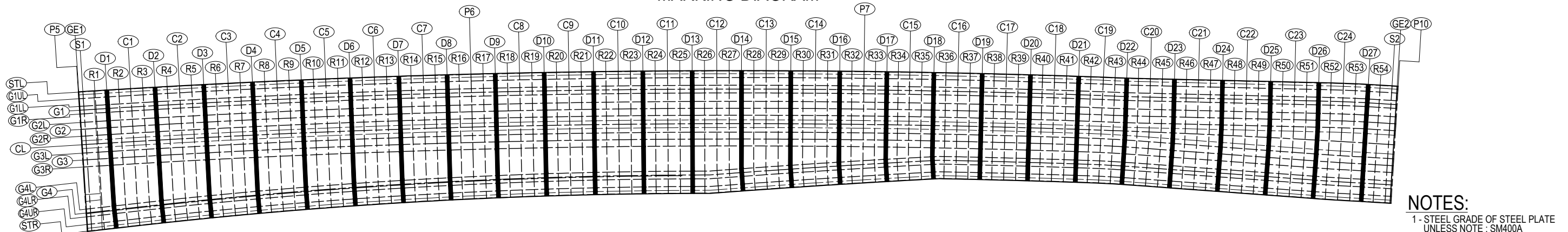
TYPICAL SECTION



SECTION A - A



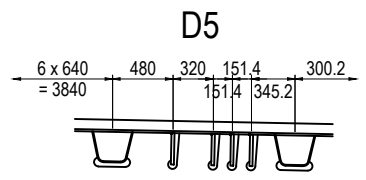
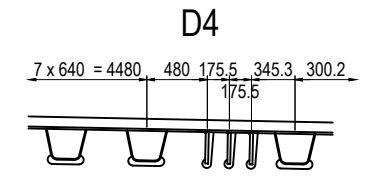
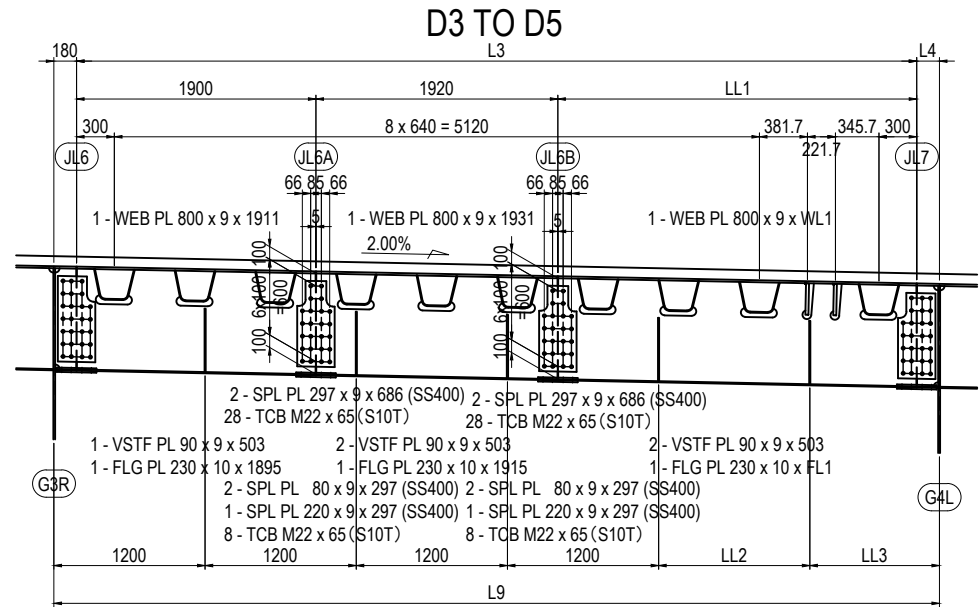
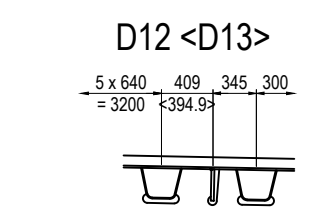
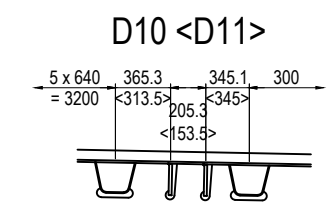
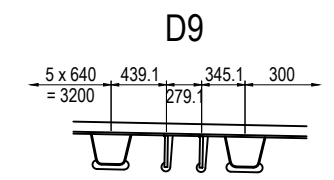
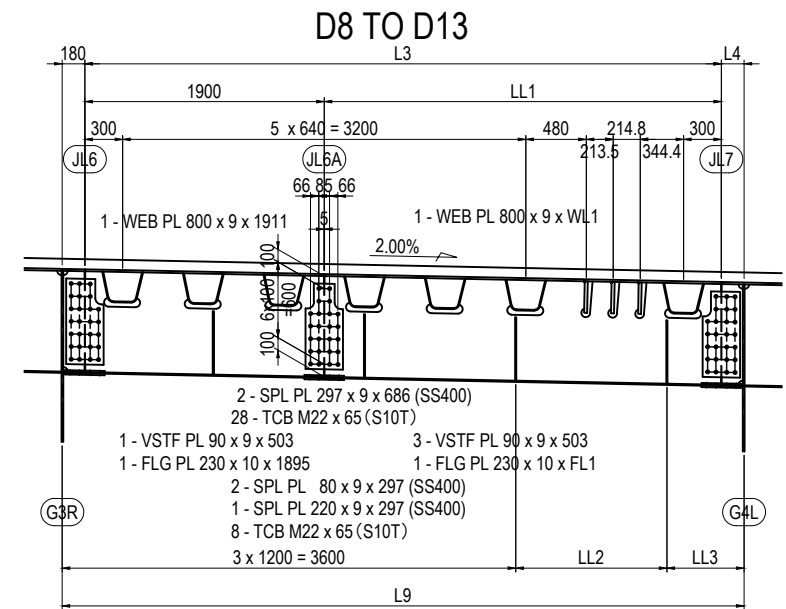
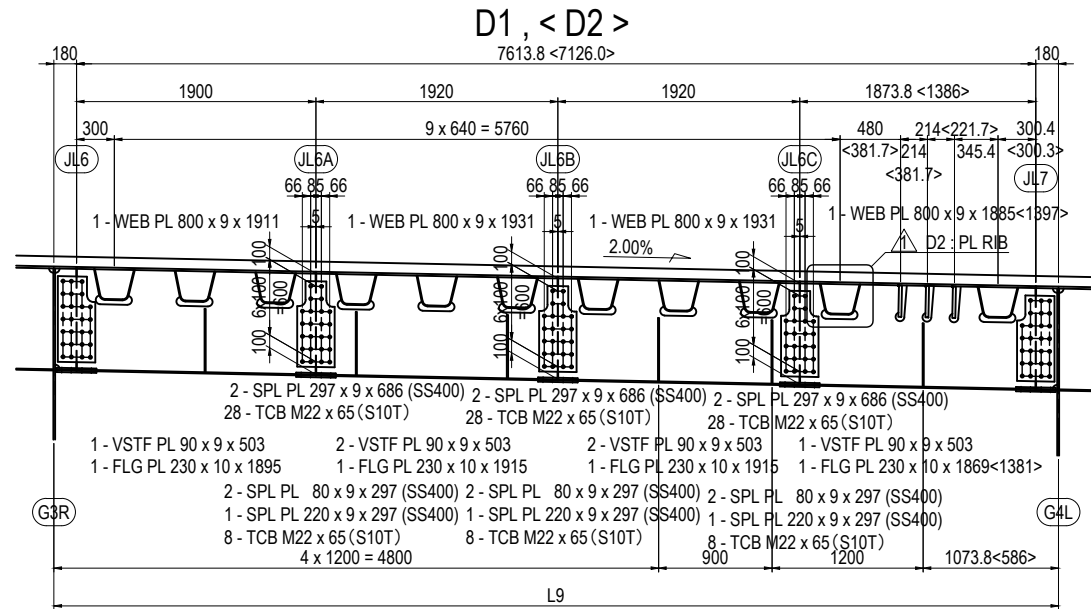
MARKING DIAGRAM



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

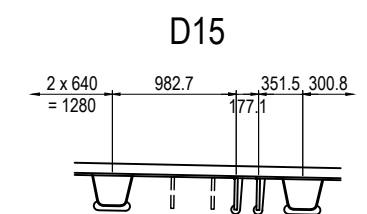
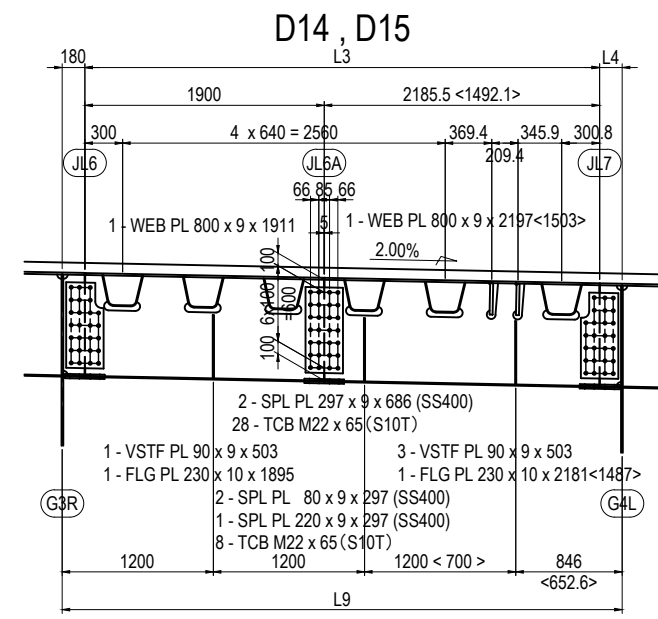
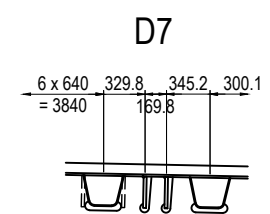
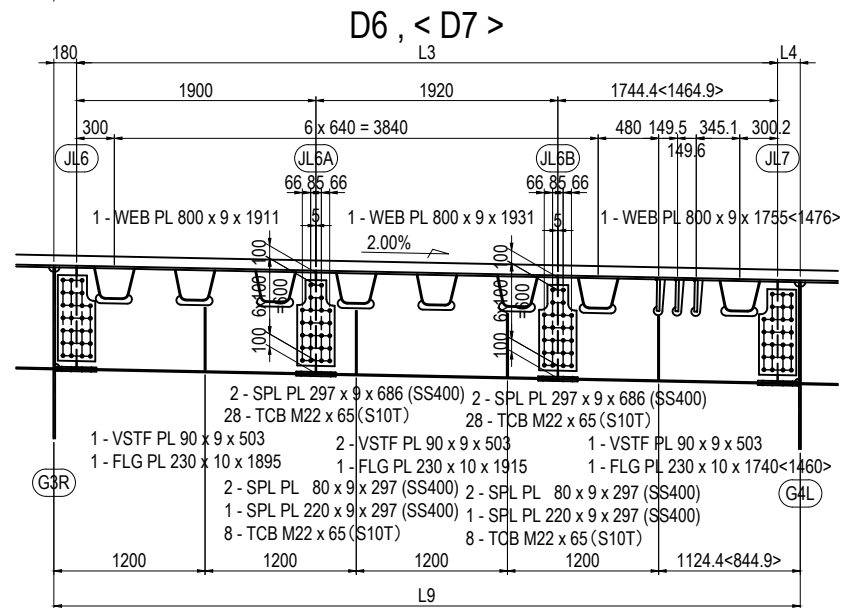
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE <i>S. Imada</i>	DATE 29 Sept.2017	DRAWING TITLE DETAIL OF DIAPHRAGM SECTION (1)	PACKAGE 1
				CHECKED BY T. HAYAKAWA	<i>T. Hayakawa</i>	3 Oct.2017		DWG No. P1-SB-1541
				APPROVED BY Y. SANO	<i>Y. Sano</i>	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

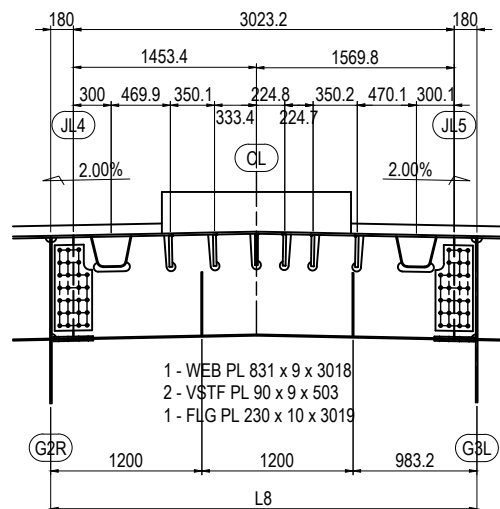
	LL1	LL2	LL3	WL1	FL1
D8	3152.1	1200.0	612.2	3163	3148
D9	2963.3	1200.0	423.3	2974	2959
D10	2815.8	700.0	775.7	2827	2811
D11	2712.2	700.0	672.1	2723	2708
D12	2654.0	700.0	613.9	2665	2650
D13	2639.9	700.0	600.0	2651	2635



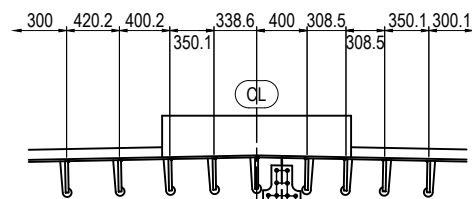
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A
2 - UNLESS NOTED OTHERWISE SEE DWG NO. P2-SB-1322.

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

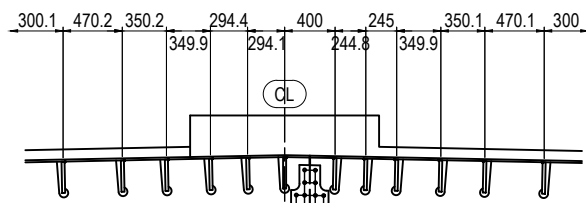
D22



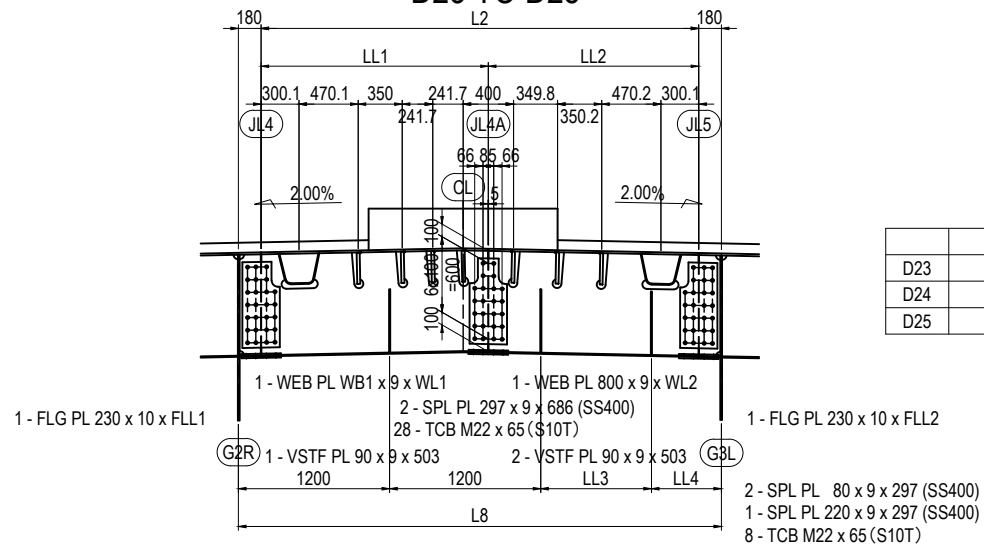
D24



D25

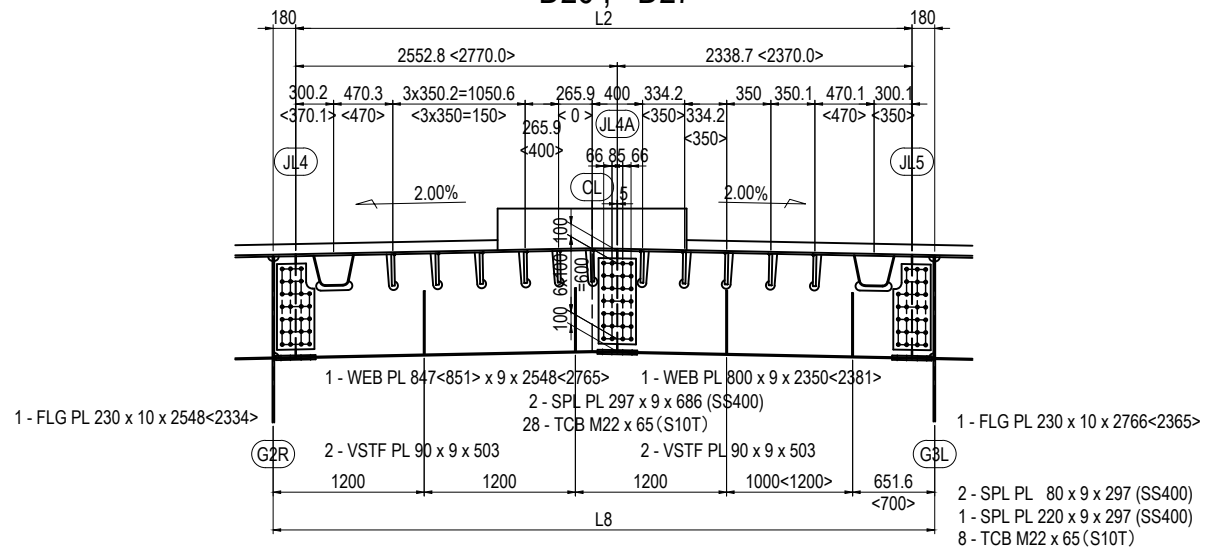


D23 TO D25



	LL1	LL2	LL3	LL4	WB1	WL1	WL2	FLL1	FLL2
D23	1803.6	1670.3	800.0	634.0	832	1799	1681	1799	1665
D24	2009.0	1937.3	1200.0	706.4	836	2004	1948	2004	1932
D25	2258.8	2172.7	1200.0	1178.9	841	2254	2184	2209	2168

D26, <D27>

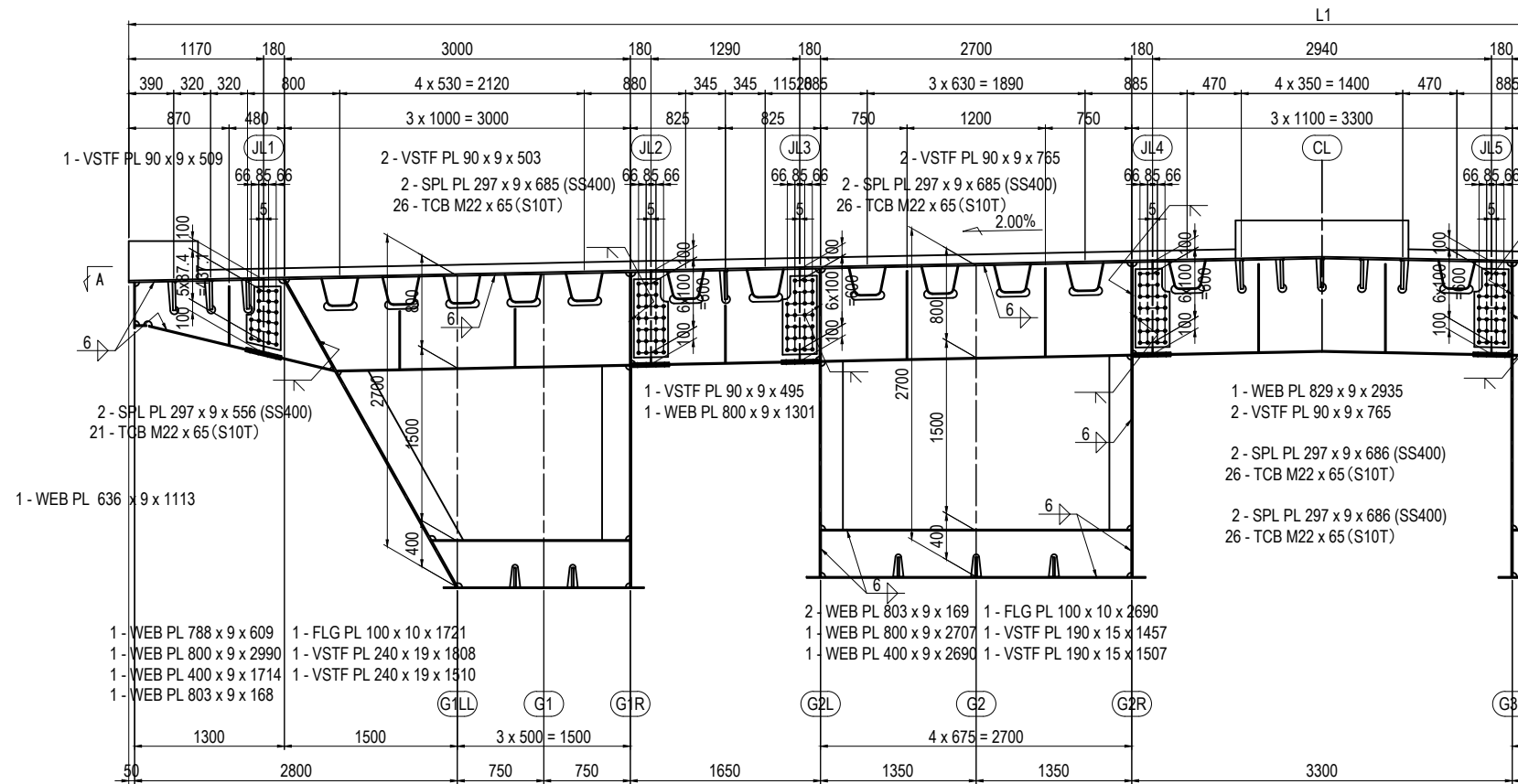


NOTES:
 1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A
 2 - UNLESS NOTED OTHERWISE SEE DWG NO. P2-SB-1322.

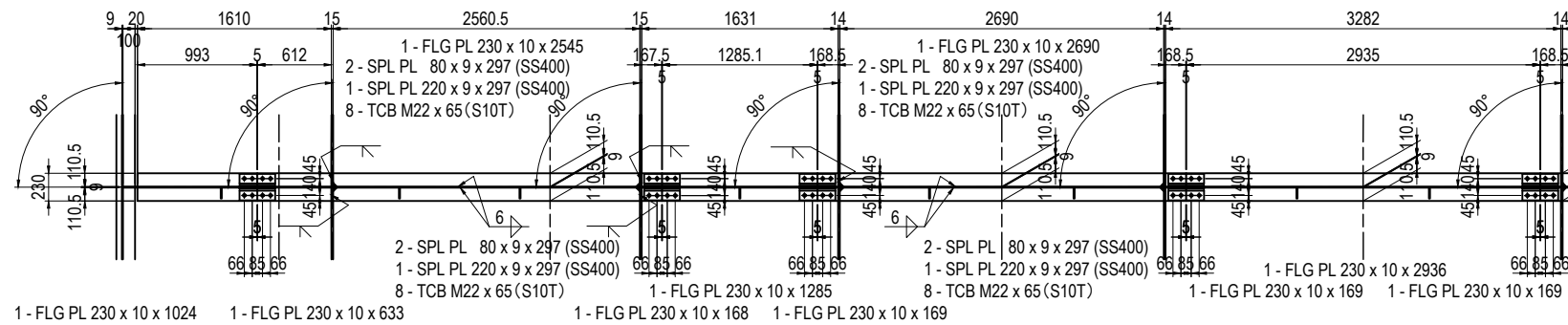
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA	<i>S. Imada</i>	29 Sept.2017	DETAIL OF DIAPHRAGM SECTION (3)	1
				T. HAYAKAWA	<i>T. Hayakawa</i>	3 Oct.2017		DWG No.
				Y. SANO	<i>Y. Sano</i>	6 Oct.2017		P1-SB-1543

DETAIL OF CROSS BEAM SECTION (1) S=1:60

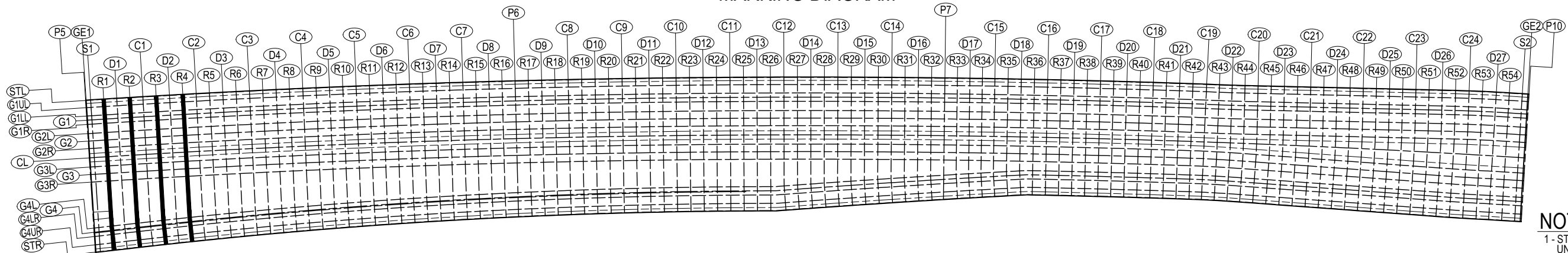
R1 < R2 TO R4 > (1)



SECTION A - A



MARKING DIAGRAM

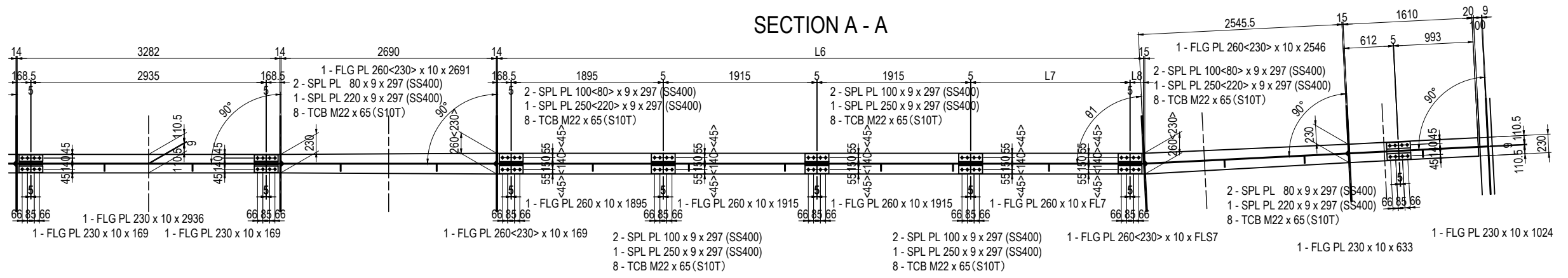
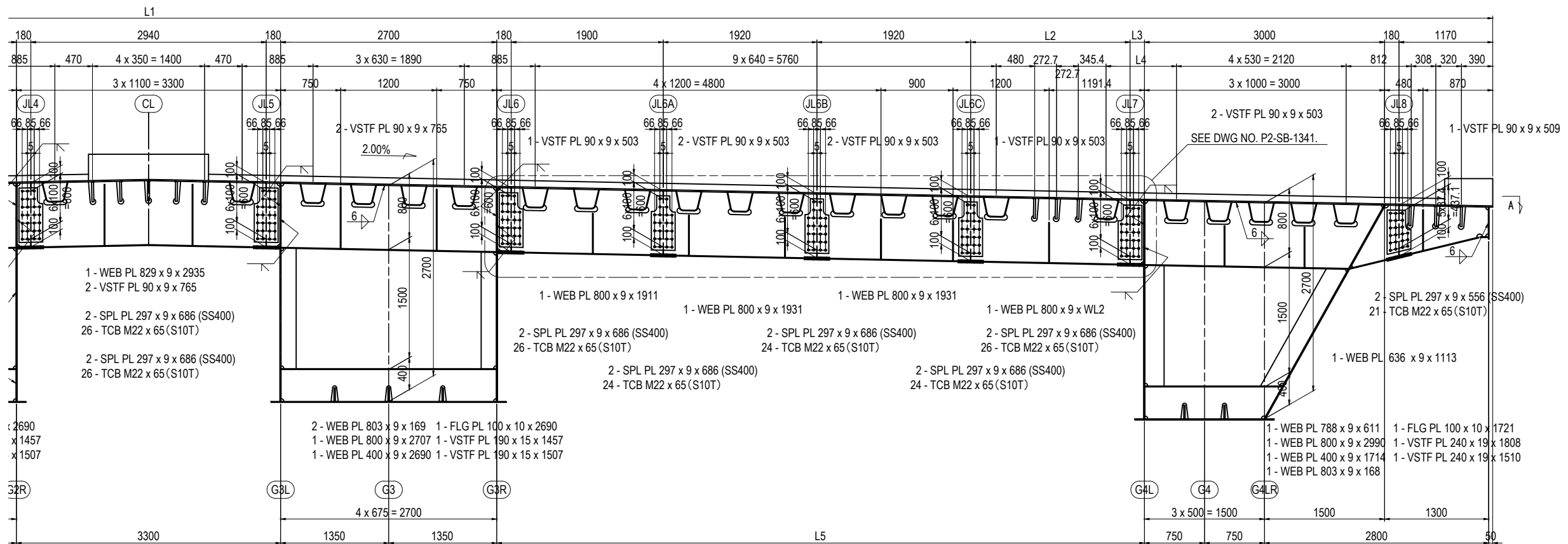


NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <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></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		29 Sept.2017	CHECKED BY	T. HAYAKAWA		3 Oct.2017	APPROVED BY	Y. SANO		6 Oct.2017	DRAWING TITLE <p style="text-align: center; font-weight: bold;">DETAIL OF CROSS BEAM SECTION (1)</p>	PACKAGE 1 DWG No. P1-SB-1551
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		29 Sept.2017																			
CHECKED BY	T. HAYAKAWA		3 Oct.2017																			
APPROVED BY	Y. SANO		6 Oct.2017																			

DETAIL OF CROSS BEAM SECTION (2) S=1:60

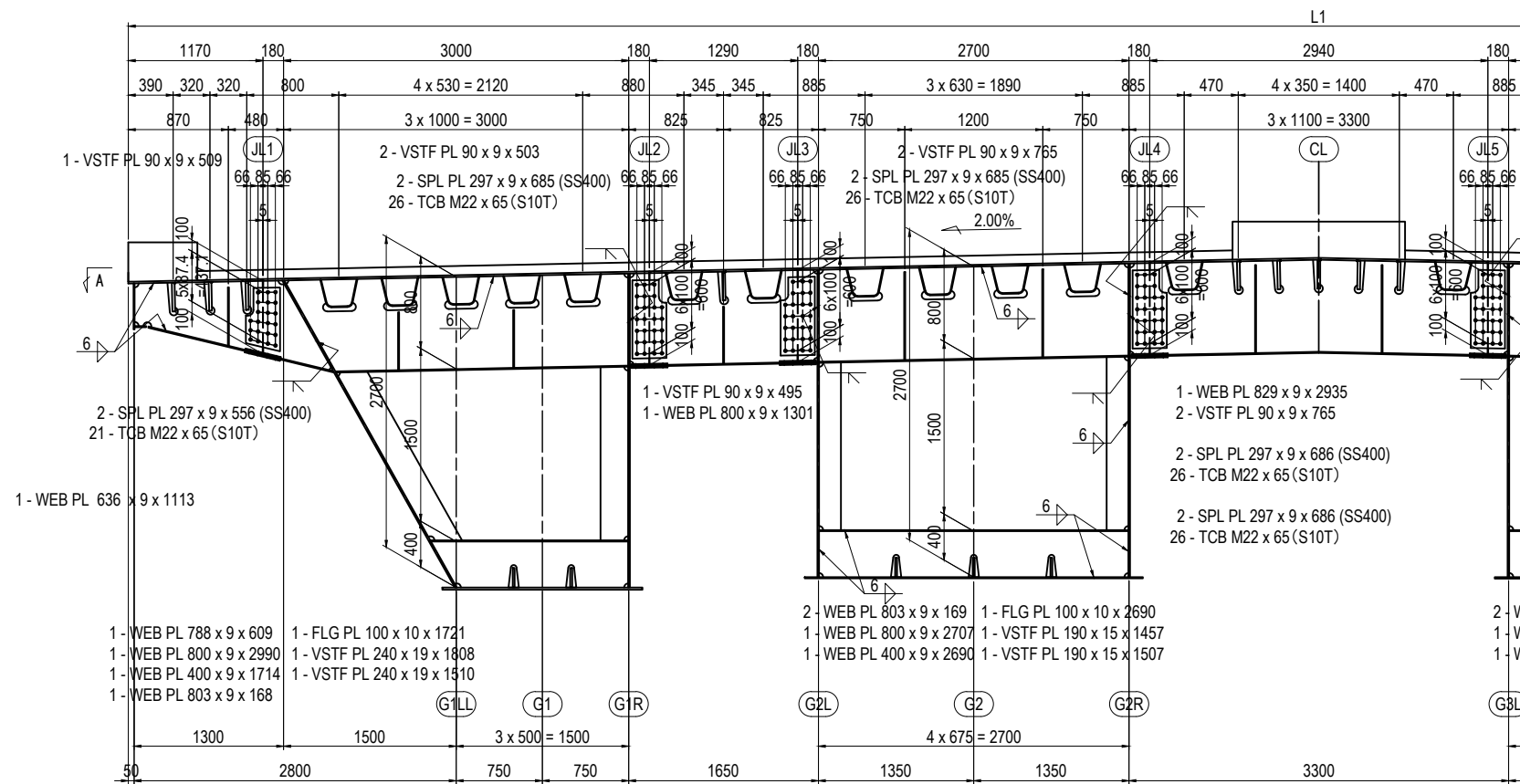
R1 < R2 TO R4 > (2)



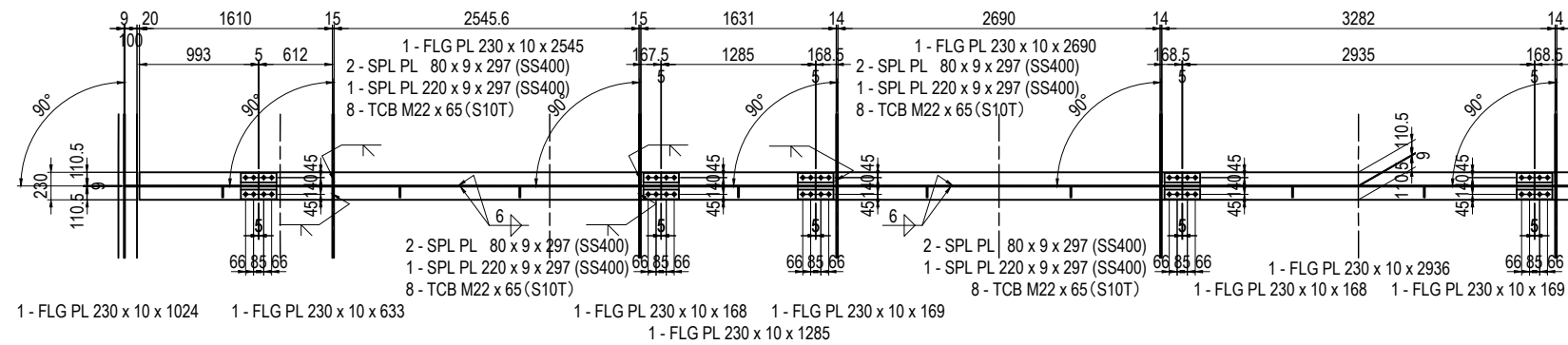
NOTES:
 1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (2)	PACKAGE 1 DWG No. P1-SB-1552
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

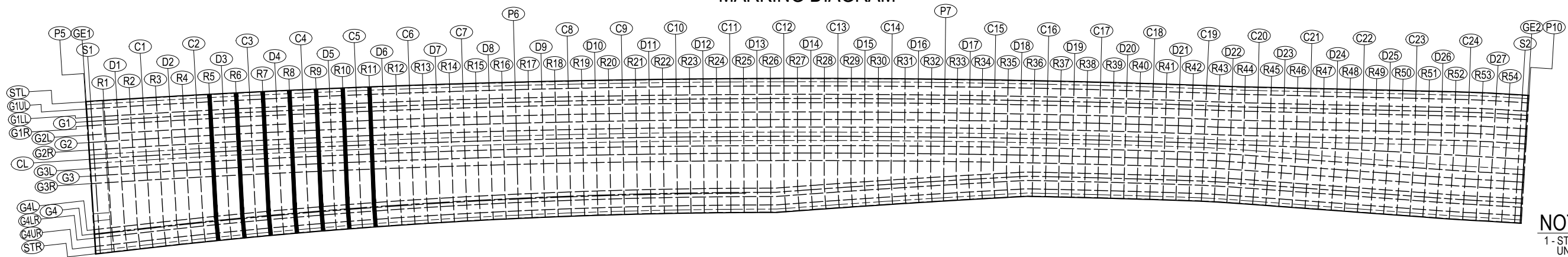
DETAIL OF CROSS BEAM SECTION (3) S=1:60 R5 TO R11 (1)



SECTION A - A



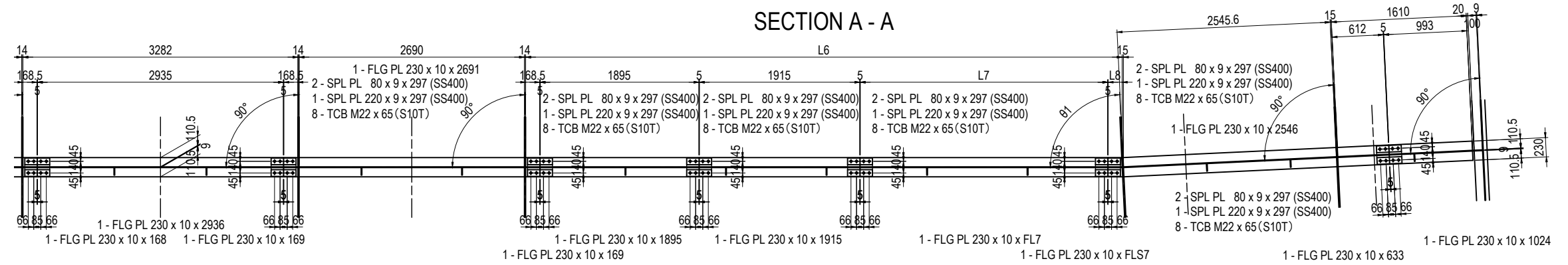
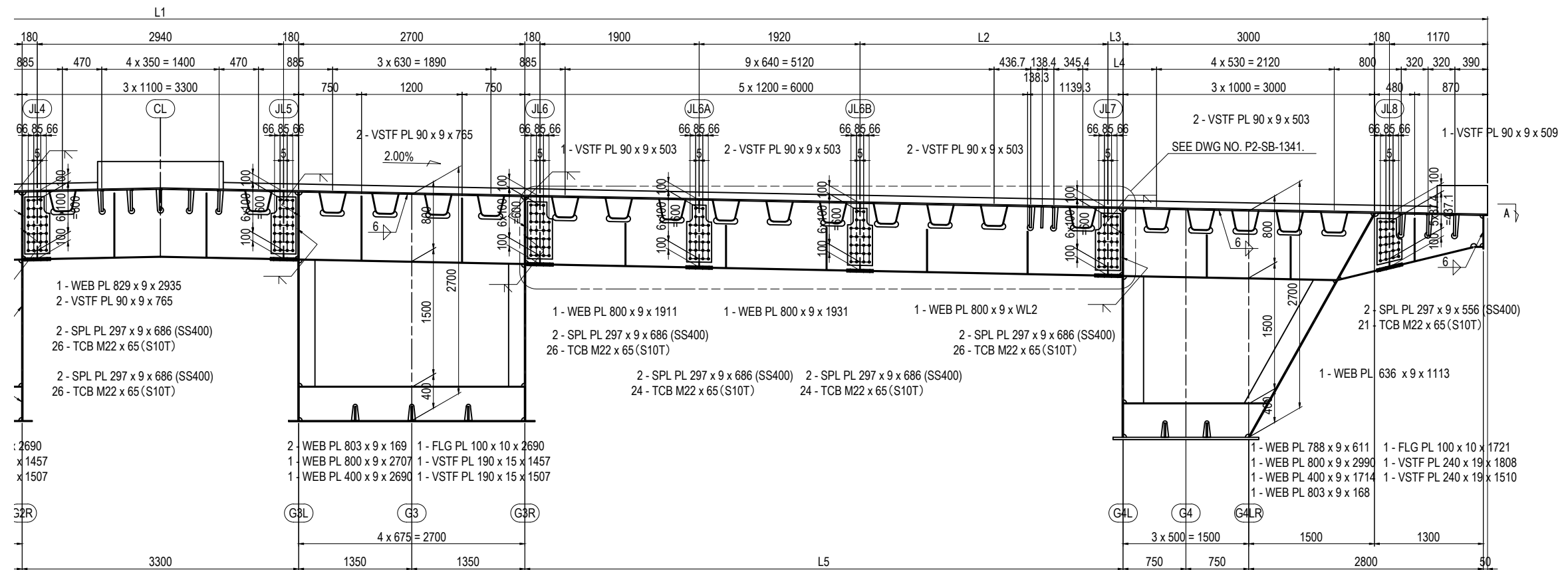
MARKING DIAGRAM



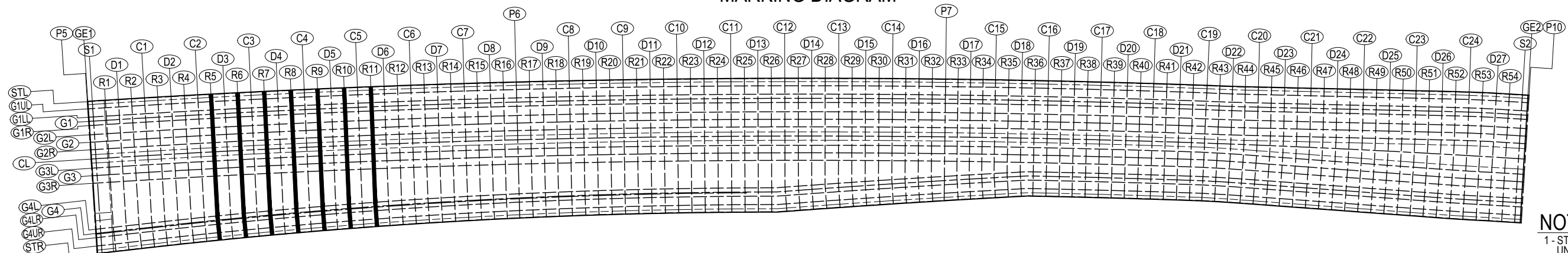
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE <p style="text-align: center; font-weight: bold;">DETAIL OF CROSS BEAM SECTION (3)</p>	PACKAGE 1 DWG No. P1-SB-1553
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

DETAIL OF CROSS BEAM SECTION (4) S=1:60 R5 TO R11 (2)



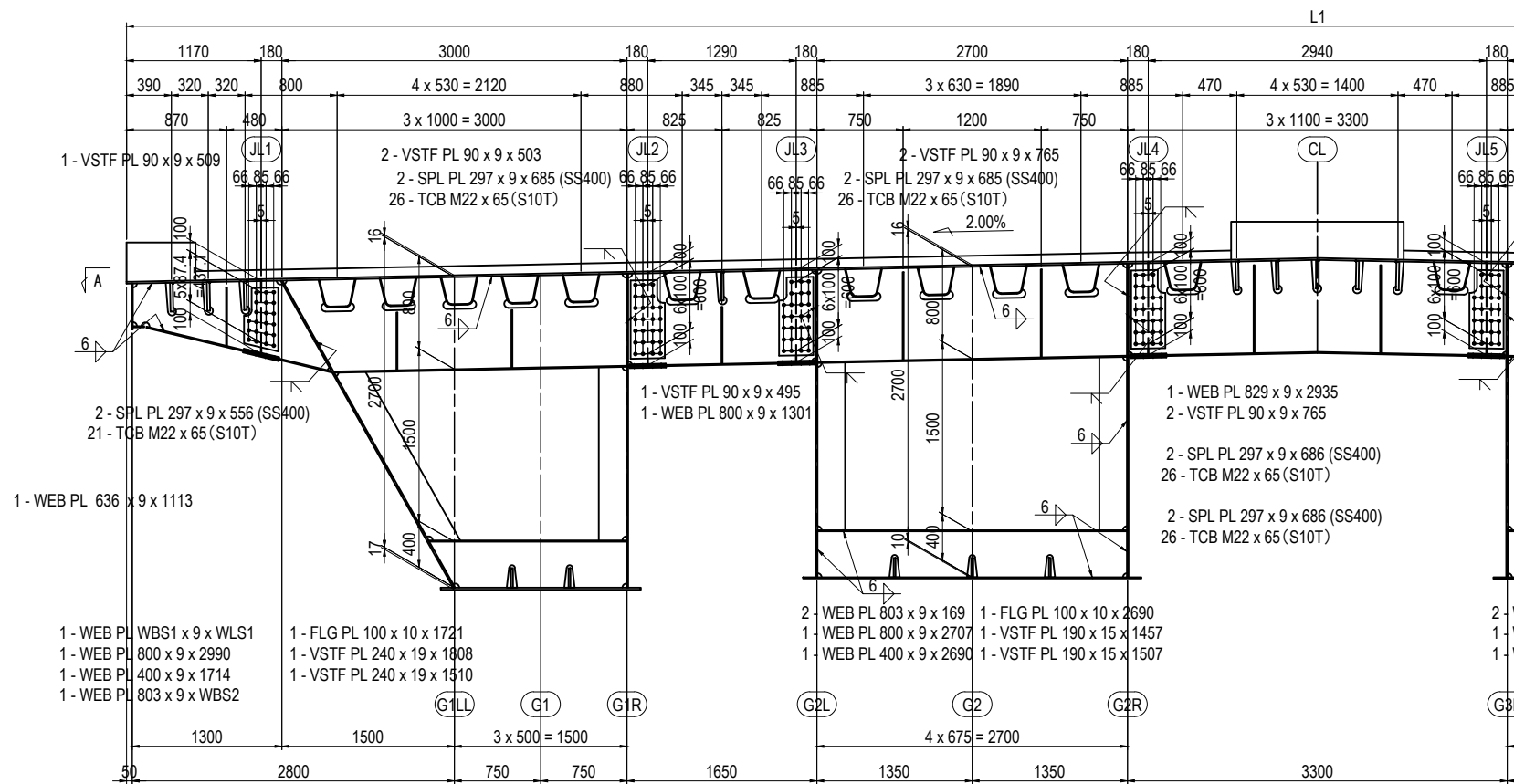
MARKING DIAGRAM



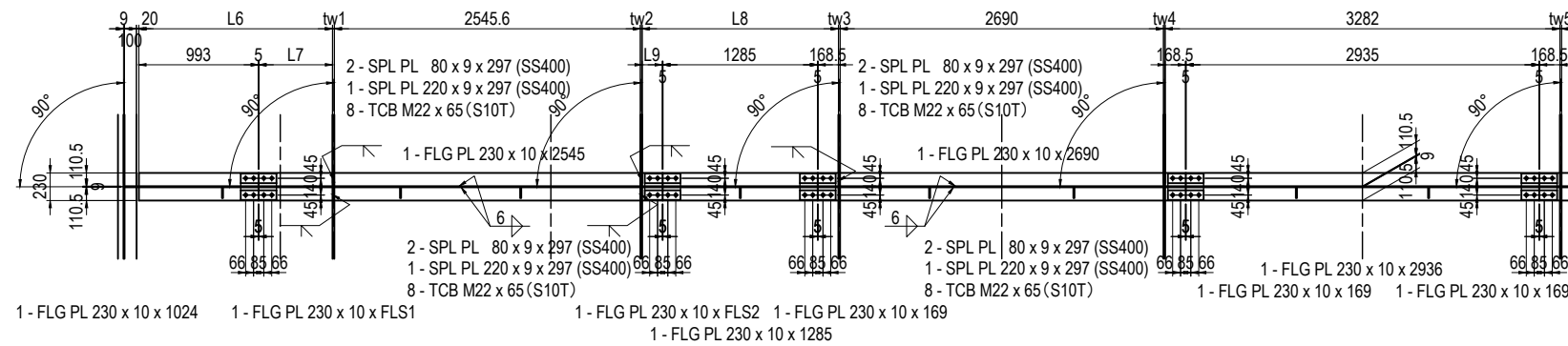
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (4)	PACKAGE 1 DWG No. P1-SB-1554
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

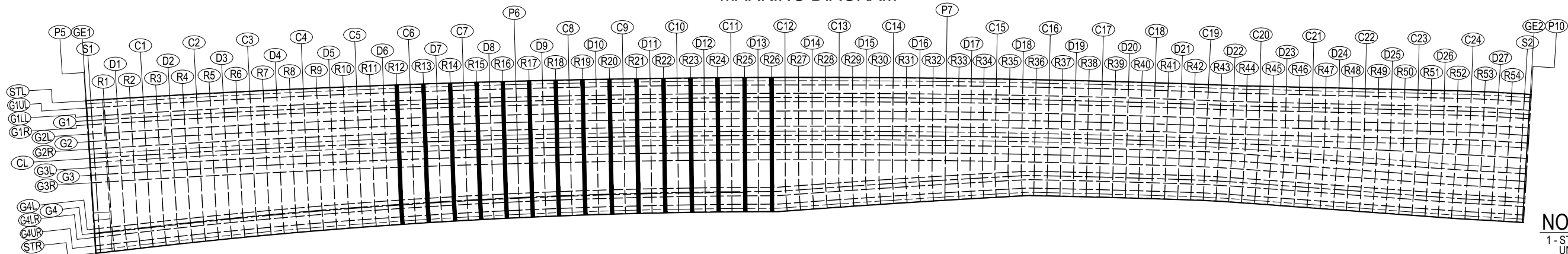
DETAIL OF CROSS BEAM SECTION (5) S=1:60 R12 TO R26 (1)



SECTION A - A



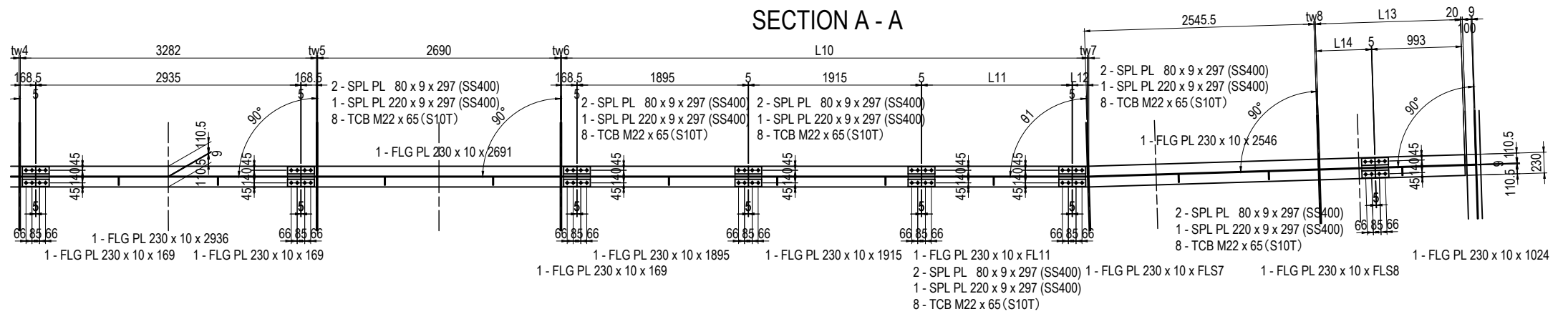
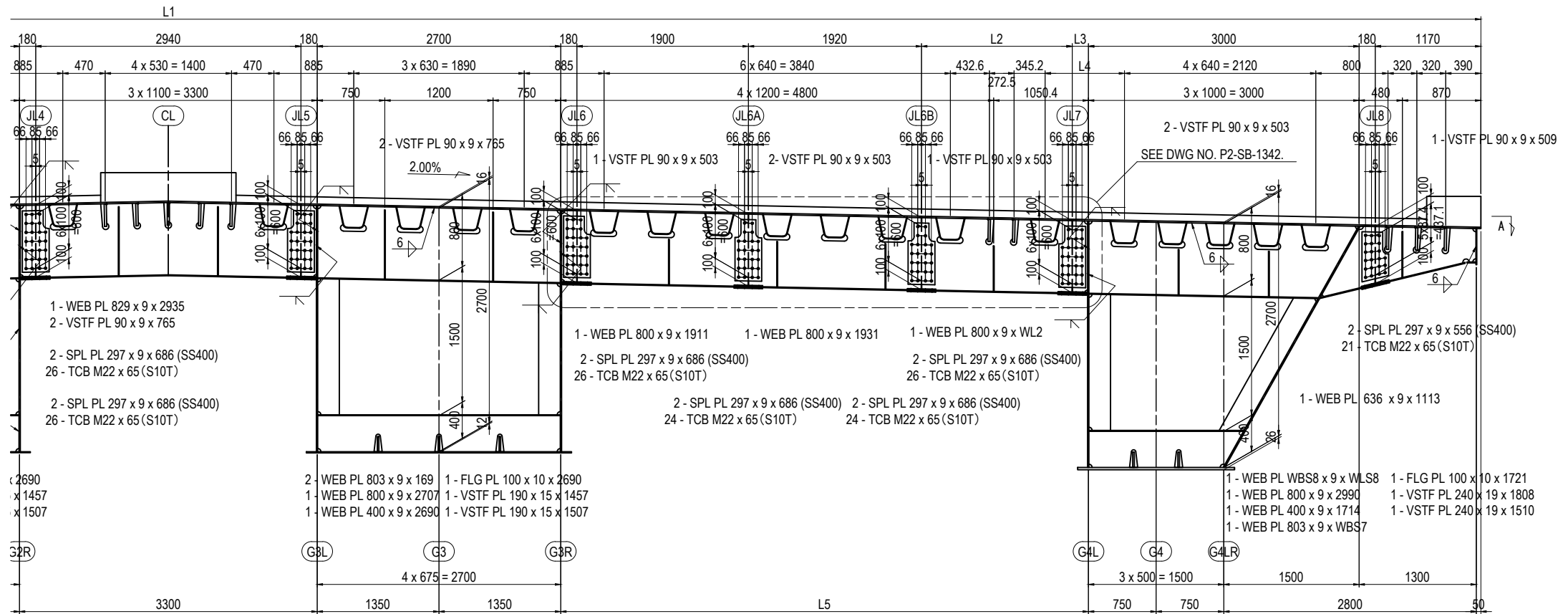
MARKING DIAGRAM



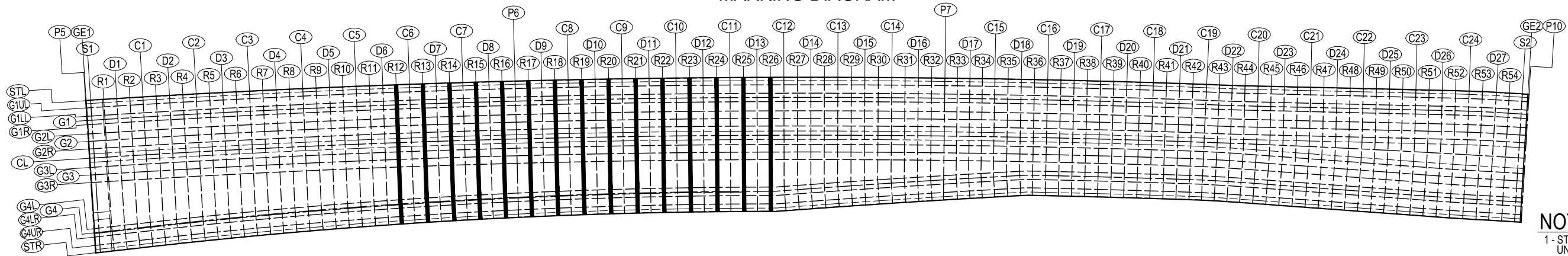
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (5)	PACKAGE 1 DWG No. P1-SB-1555
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

DETAIL OF CROSS BEAM SECTION (6) S=1:60 R12 TO R26 (2)



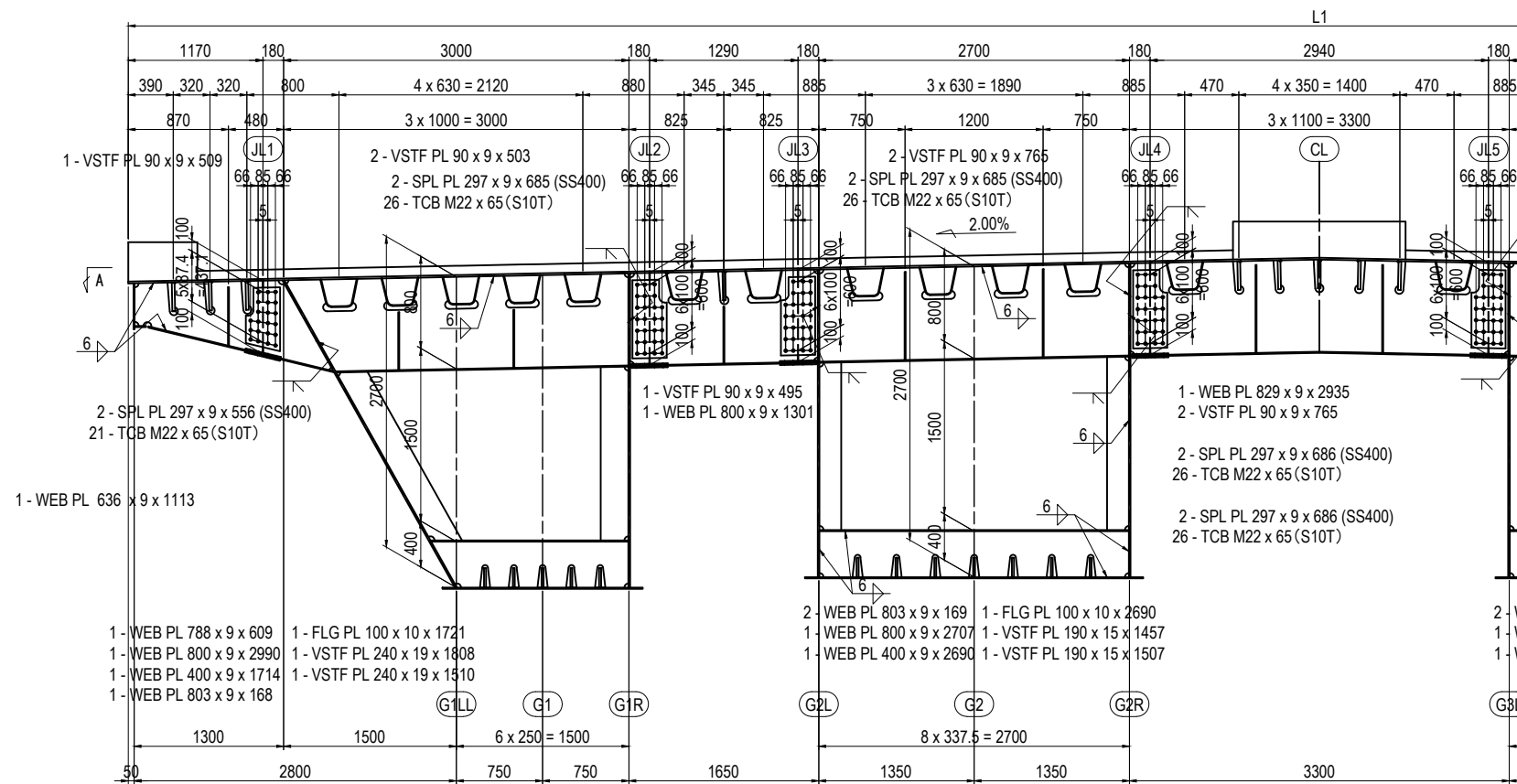
MARKING DIAGRAM



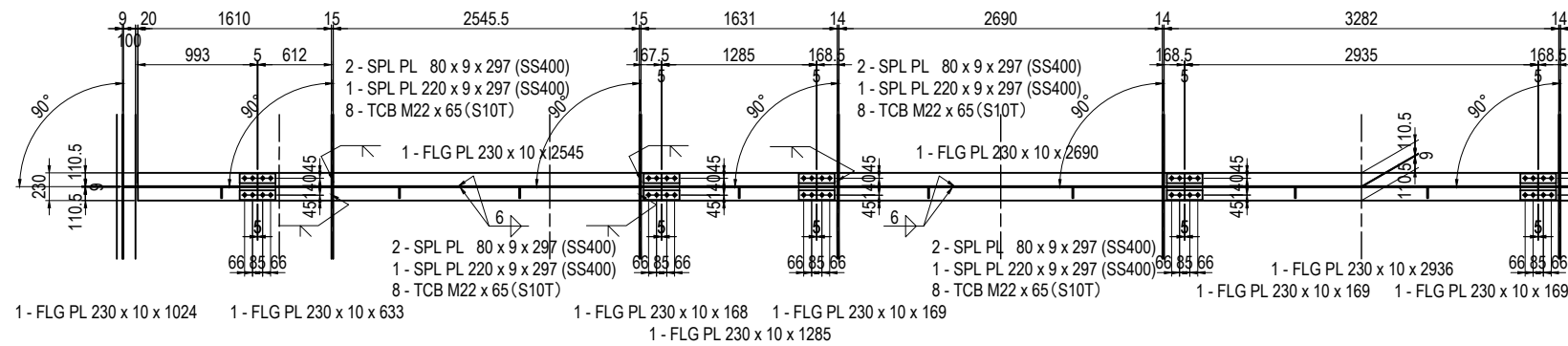
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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 S. IMADA</td> <td></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		29 Sept.2017	CHECKED BY T. HAYAKAWA		3 Oct.2017	APPROVED BY Y. SANO		6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (6)	PACKAGE 1 DWG No. P1-SB-1556
NAME	SIGNATURE	DATE																
PREPARED BY S. IMADA		29 Sept.2017																
CHECKED BY T. HAYAKAWA		3 Oct.2017																
APPROVED BY Y. SANO		6 Oct.2017																

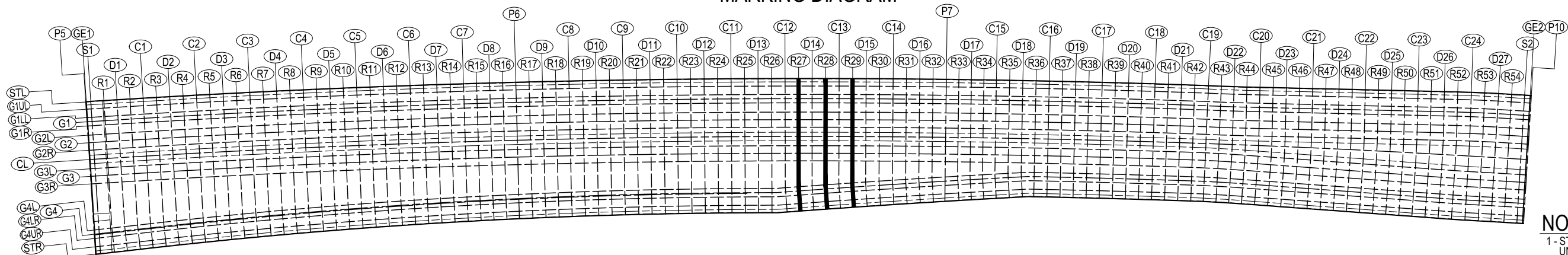
DETAIL OF CROSS BEAM SECTION (7) S=1:60 R27 TO R29 (1)



SECTION A - A



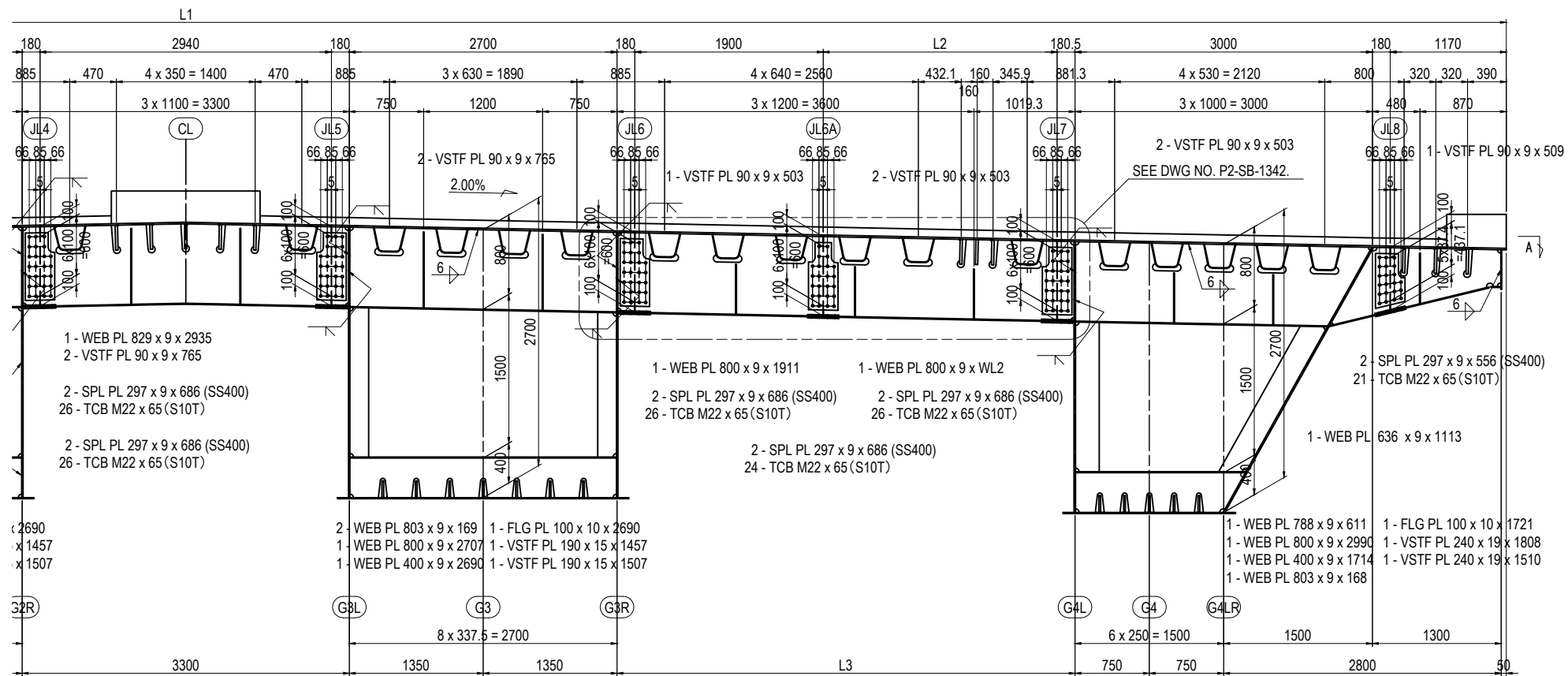
MARKING DIAGRAM



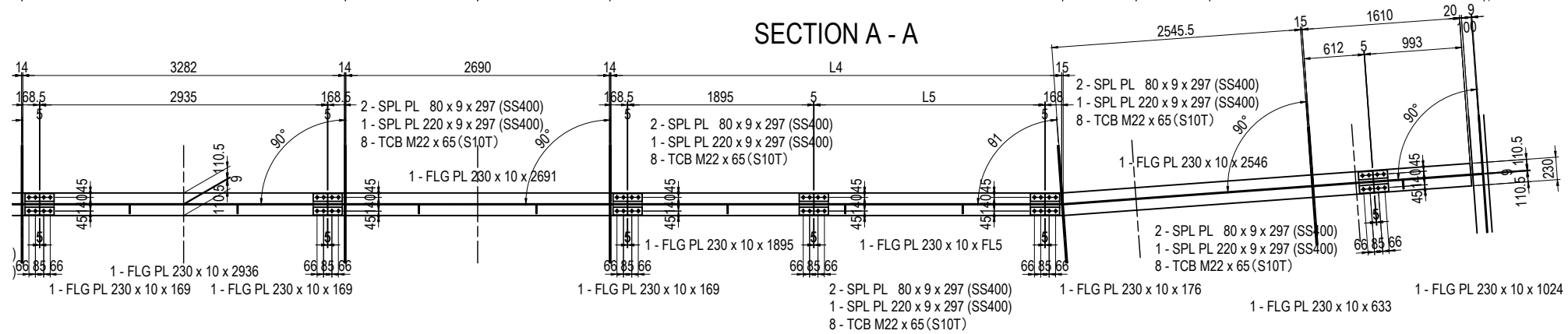
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (7)	PACKAGE 1 DWG No. P1-SB-1557
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

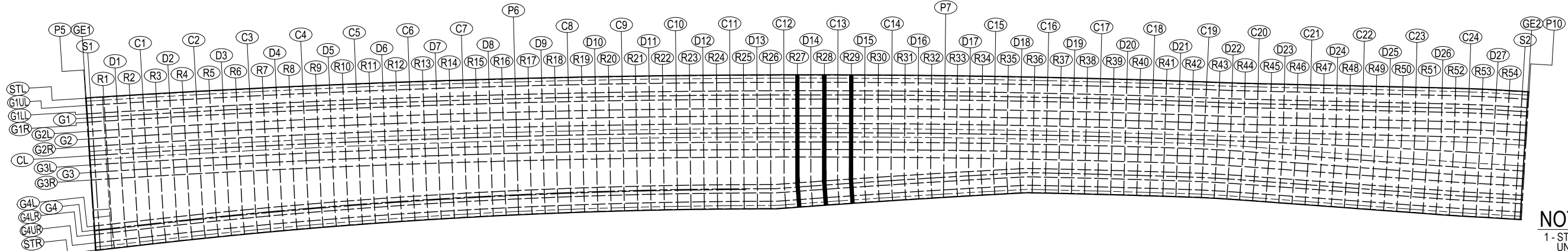
DETAIL OF CROSS BEAM SECTION (8) S=1:60 R27 TO R29 (2)



SECTION A - A



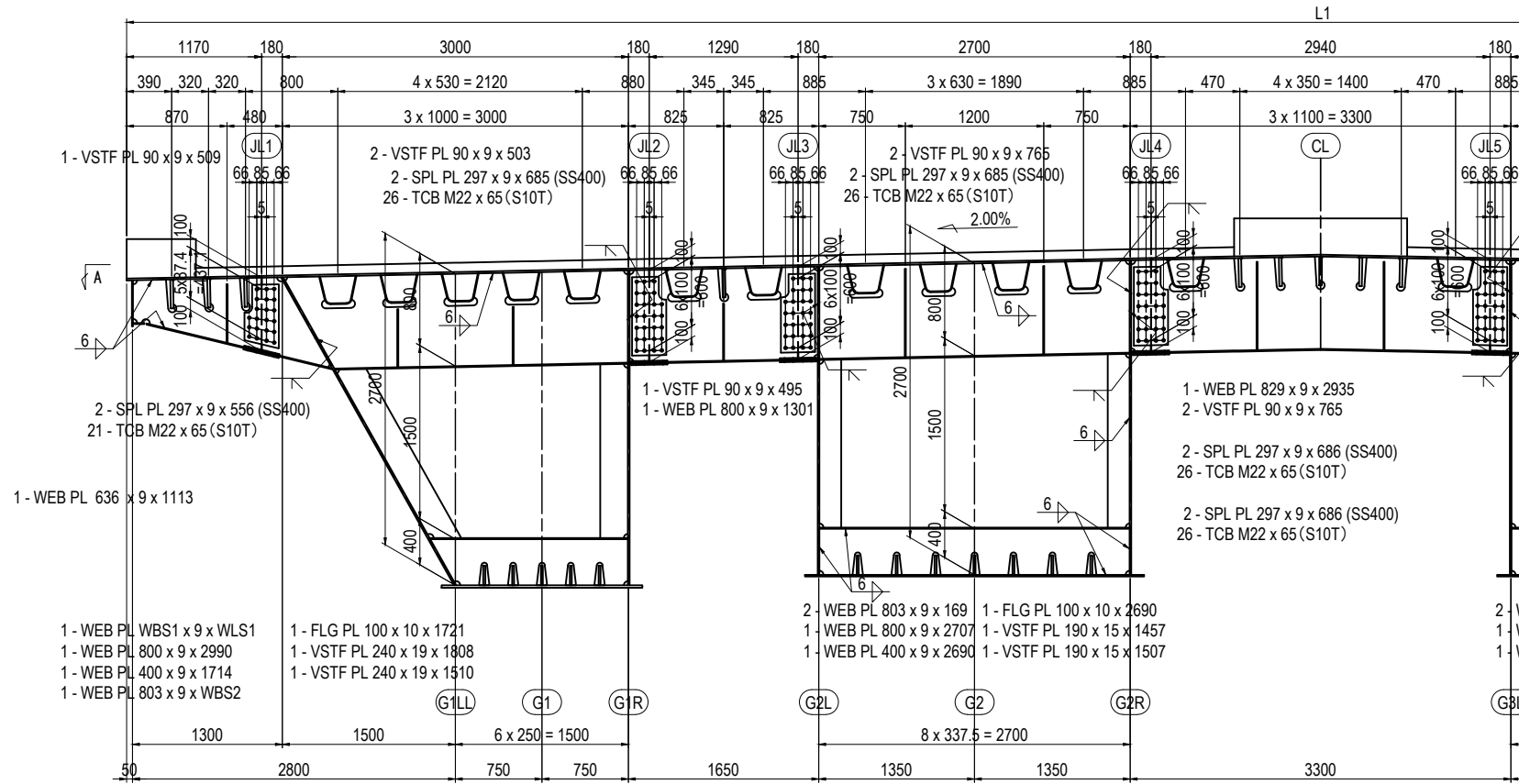
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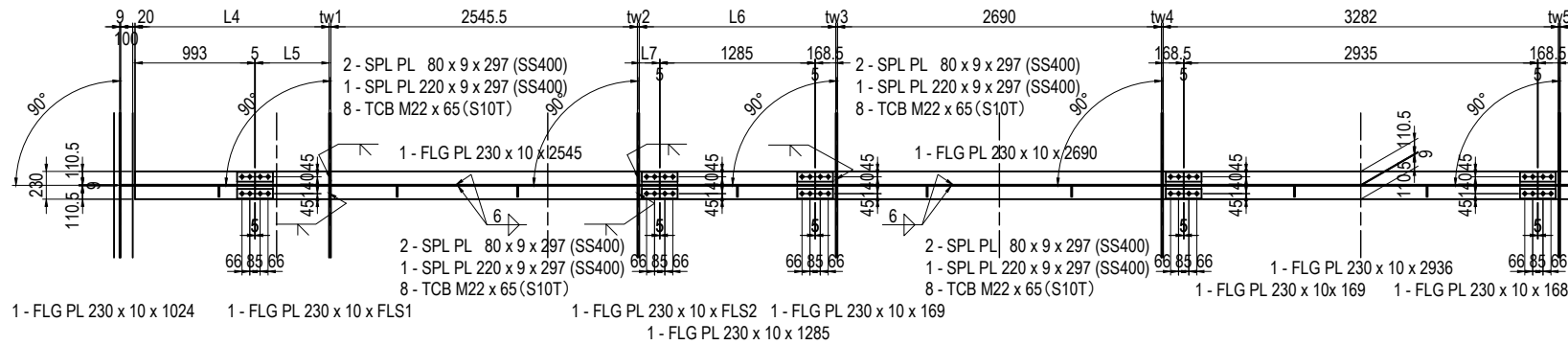
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE <p style="text-align: center; font-weight: bold;">DETAIL OF CROSS BEAM SECTION (8)</p>	PACKAGE 1 DWG No. P1-SB-1558
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

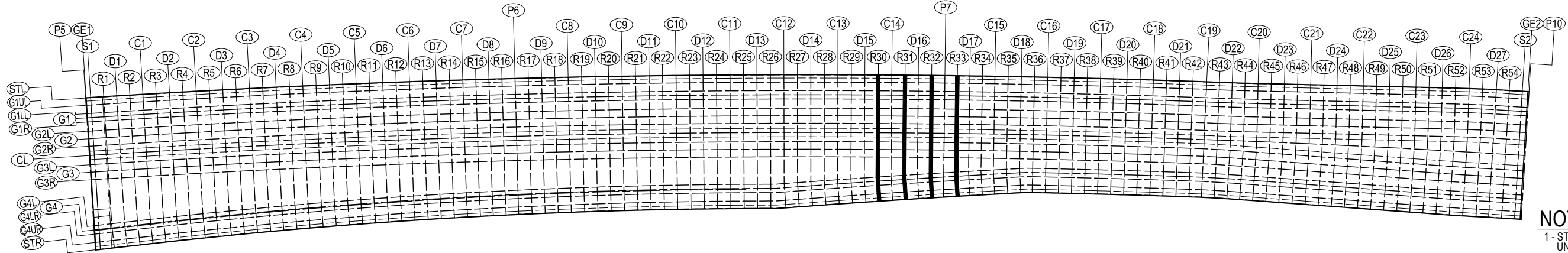
DETAIL OF CROSS BEAM SECTION (9) S=1:60 R30 TO R33 (1)



SECTION A - A



MARKING DIAGRAM

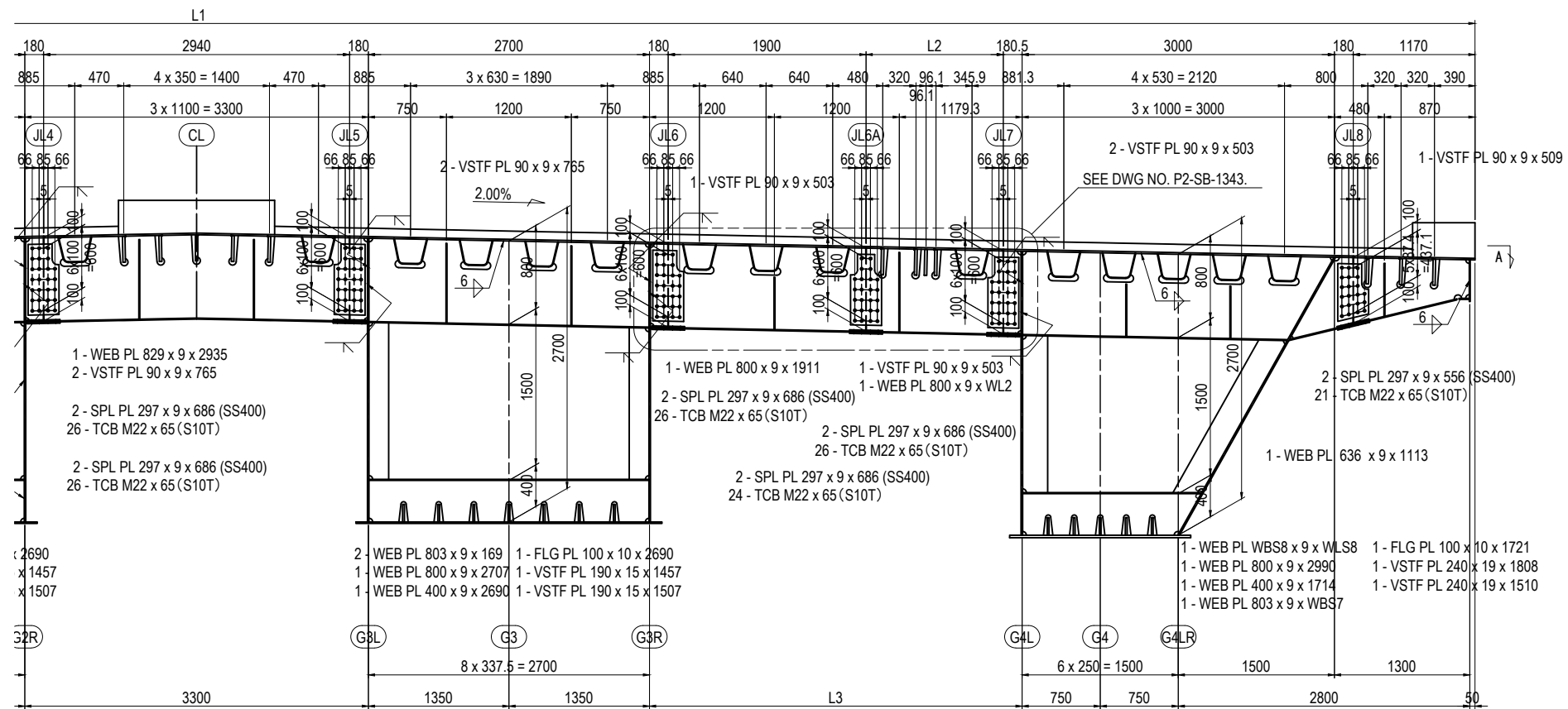


NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

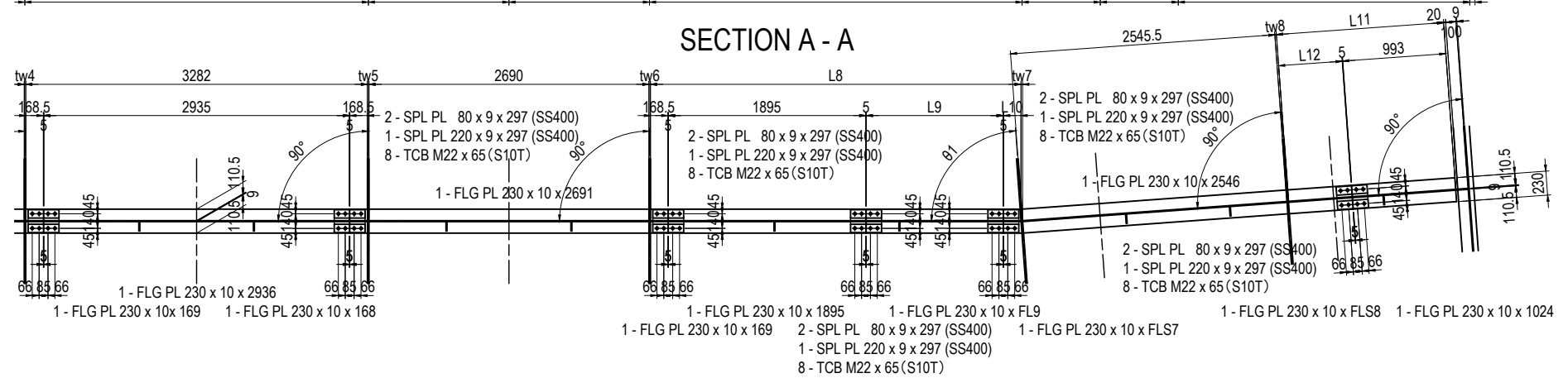
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">NAME</th> <th style="width: 20%;">SIGNATURE</th> <th style="width: 15%;">DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (9)	PACKAGE 1 DWG No. P1-SB-1559
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

DETAIL OF CROSS BEAM SECTION (10) S=1:60

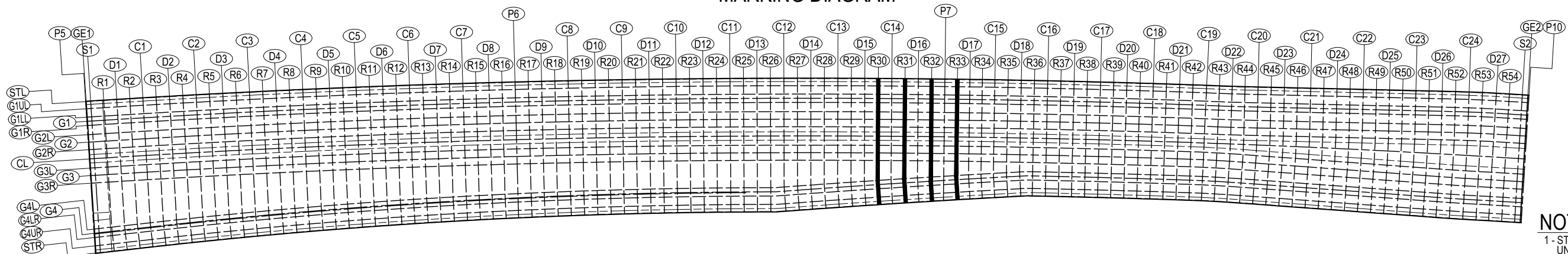
R30 TO R33 (2)



SECTION A - A



MARKING DIAGRAM

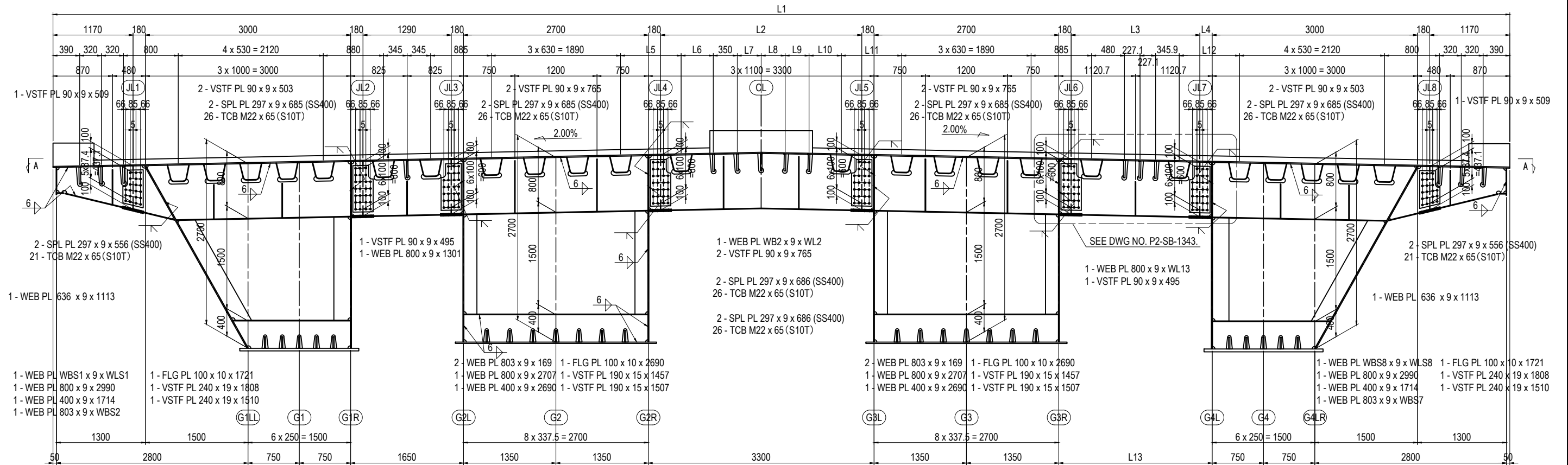


NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

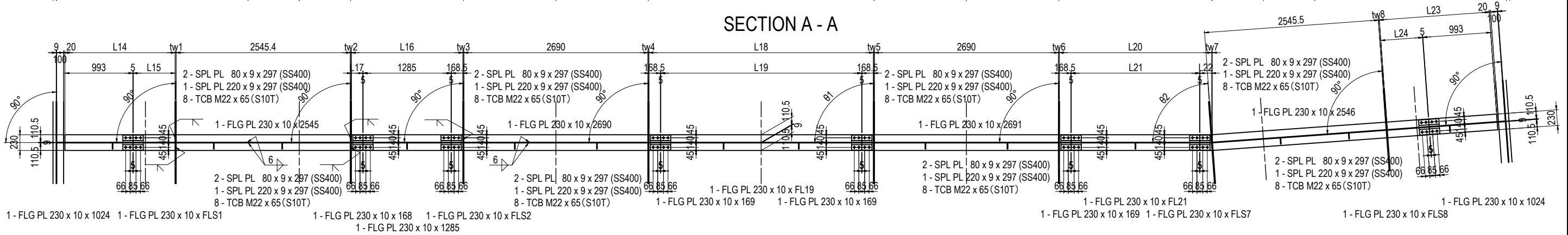
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <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></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		29 Sept.2017	CHECKED BY	T. HAYAKAWA		3 Oct.2017	APPROVED BY	Y. SANO		6 Oct.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF CROSS BEAM SECTION (10)</h3>	PACKAGE 1 DWG No. P1-SB-1560
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		29 Sept.2017																			
CHECKED BY	T. HAYAKAWA		3 Oct.2017																			
APPROVED BY	Y. SANO		6 Oct.2017																			

DETAIL OF CROSS BEAM SECTION (11) S=1:60

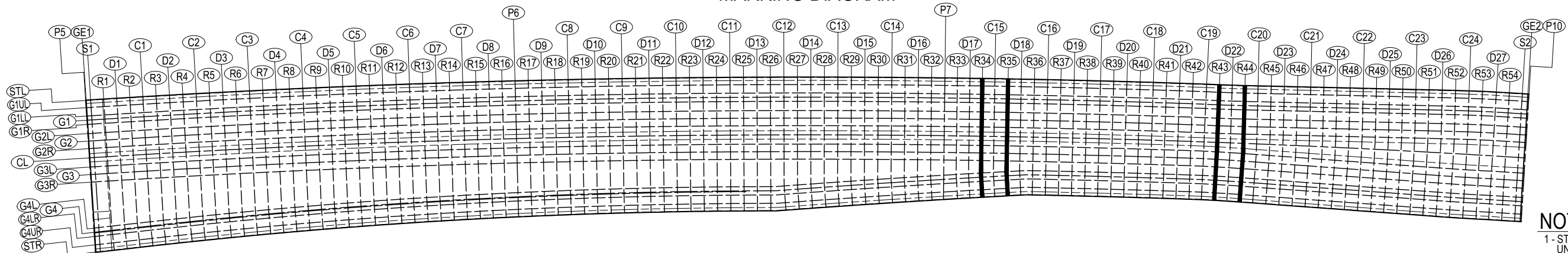
R34, R35, R43 & R44



SECTION A - A



MARKING DIAGRAM



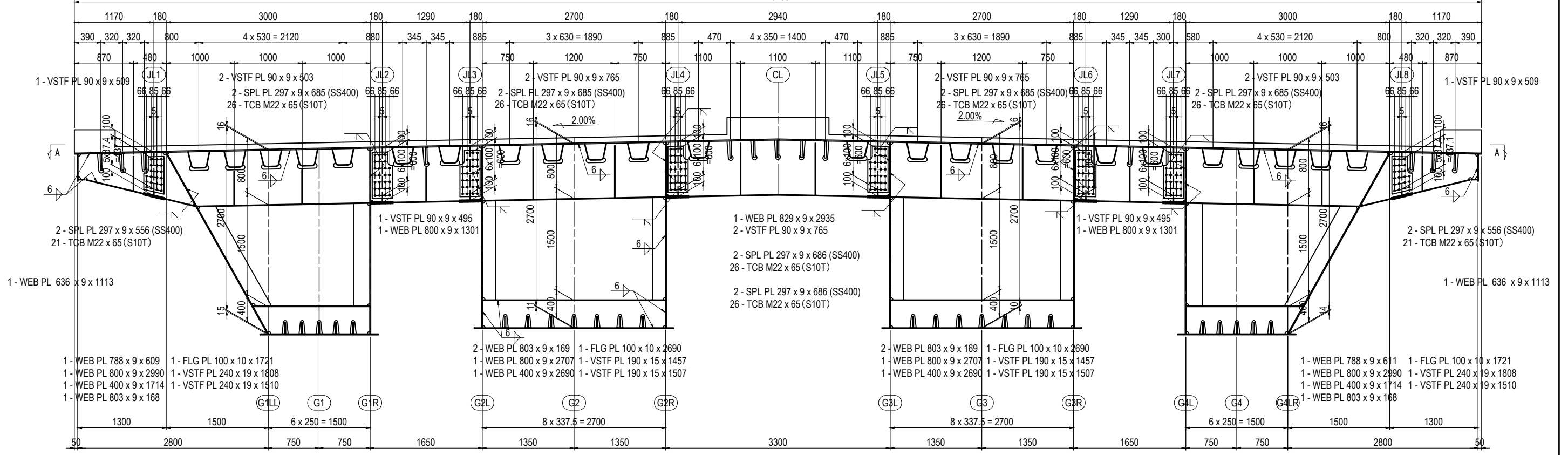
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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 S. IMADA</td> <td></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		29 Sept.2017	CHECKED BY T. HAYAKAWA		3 Oct.2017	APPROVED BY Y. SANO		6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (11)	PACKAGE 1 DWG No. P1-SB-1561
NAME	SIGNATURE	DATE																
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CHECKED BY T. HAYAKAWA		3 Oct.2017																
APPROVED BY Y. SANO		6 Oct.2017																

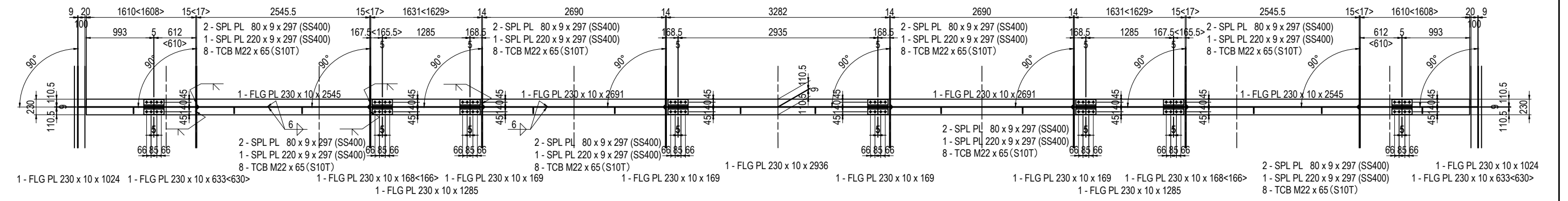
DETAIL OF CROSS BEAM SECTION (12) S=1:60

R36 TO R39 < R40 TO R42 >

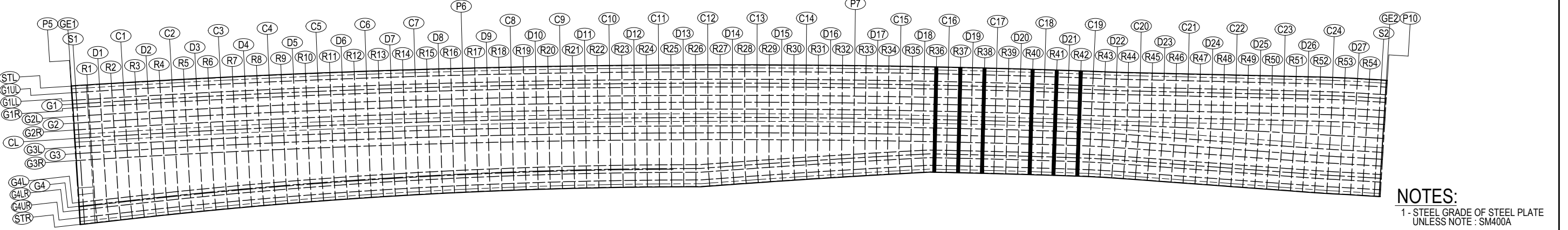
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SECTION A - A



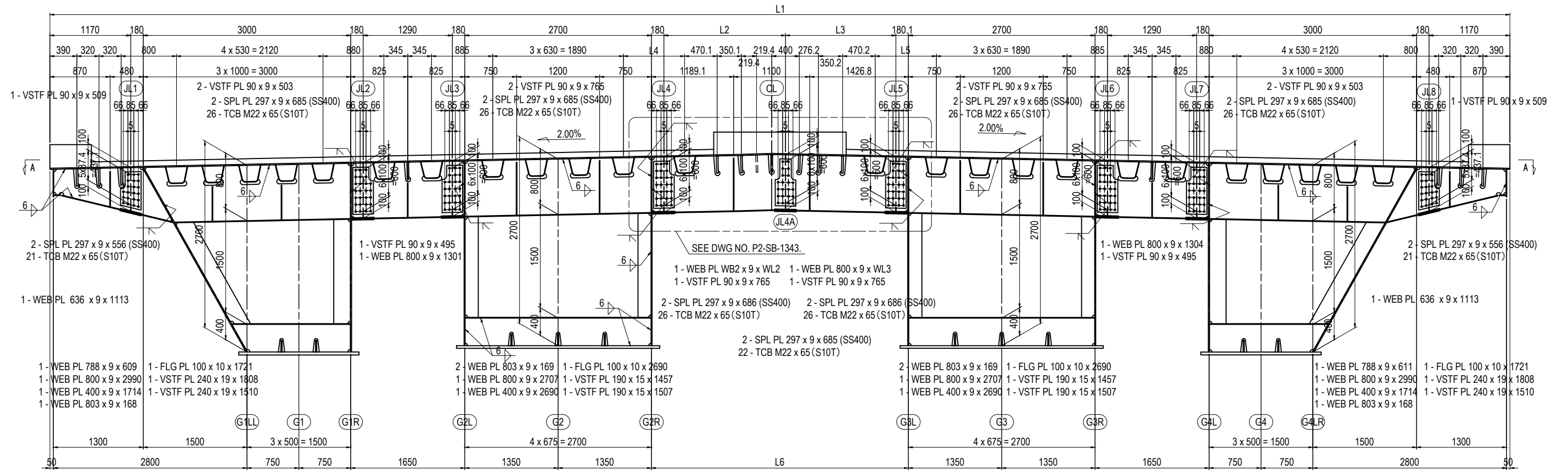
MARKING DIAGRAM



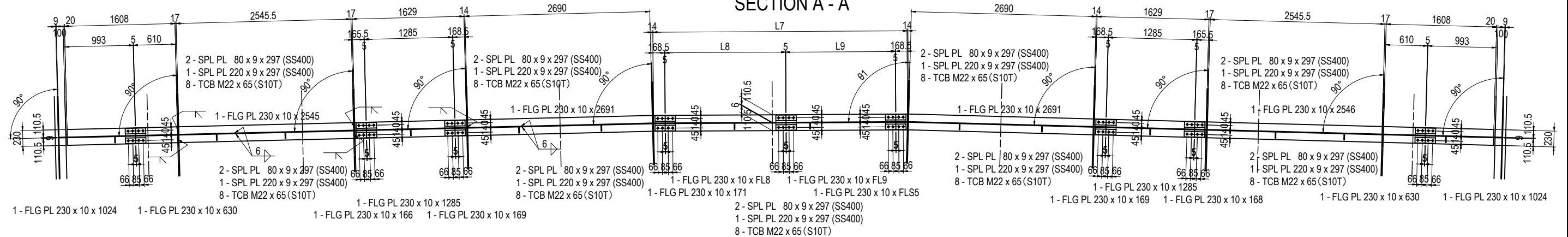
NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A

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.	<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 S. IMADA</td> <td></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		29 Sept.2017	CHECKED BY T. HAYAKAWA		3 Oct.2017	APPROVED BY Y. SANO		6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (12)	PACKAGE 1 DWG No. P1-SB-1562
NAME	SIGNATURE	DATE																
PREPARED BY S. IMADA		29 Sept.2017																
CHECKED BY T. HAYAKAWA		3 Oct.2017																
APPROVED BY Y. SANO		6 Oct.2017																

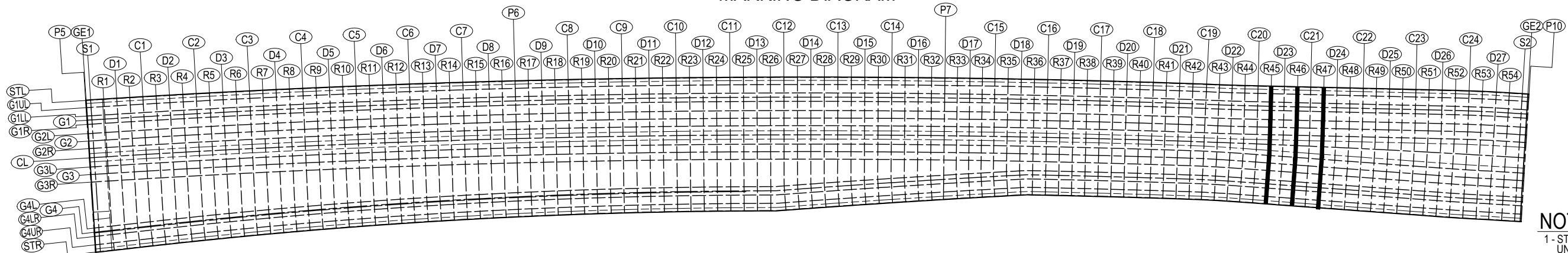
DETAIL OF CROSS BEAM SECTION (13) S=1:60 R45 TO R49



SECTION A - A



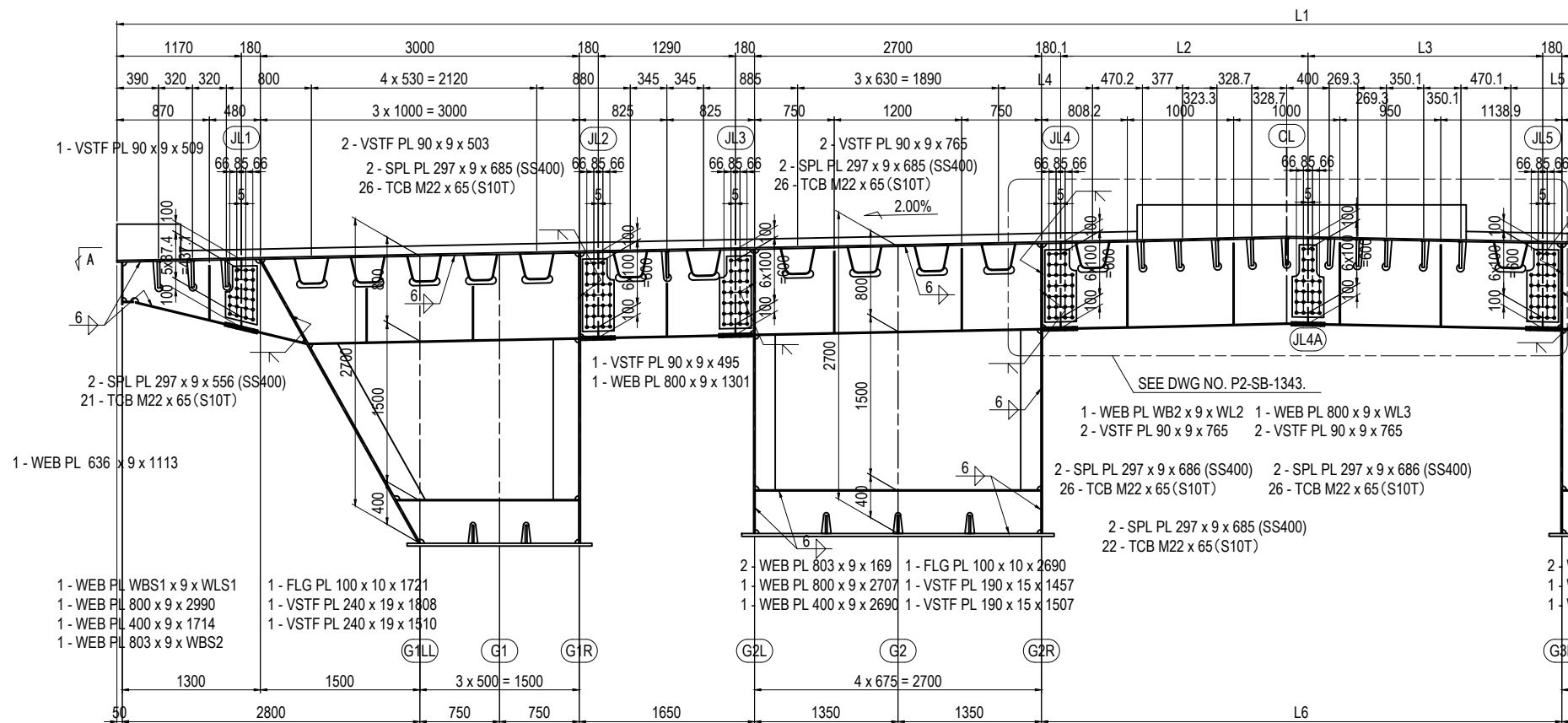
MARKING DIAGRAM



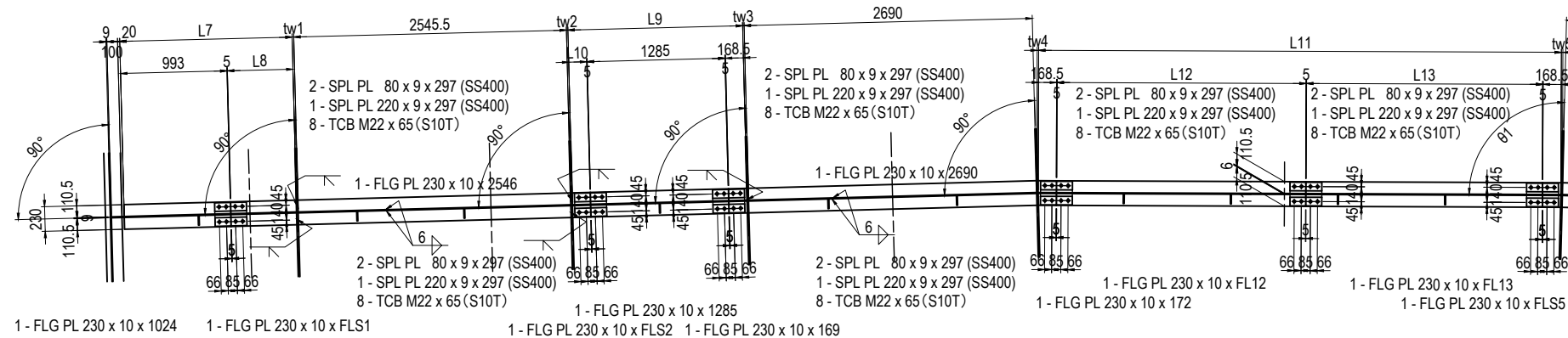
NOTES:
1 - STEEL GRADE OF STEEL PLATE
UNLESS NOTE : SM400A

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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (13)	PACKAGE 1 DWG No. P1-SB-1563
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

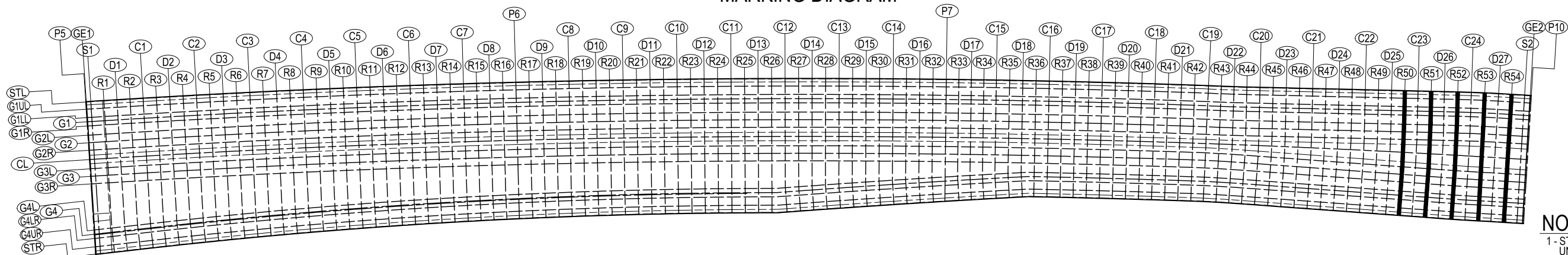
DETAIL OF CROSS BEAM SECTION (14) S=1:60 R50 TO R54 (1)



SECTION A - A



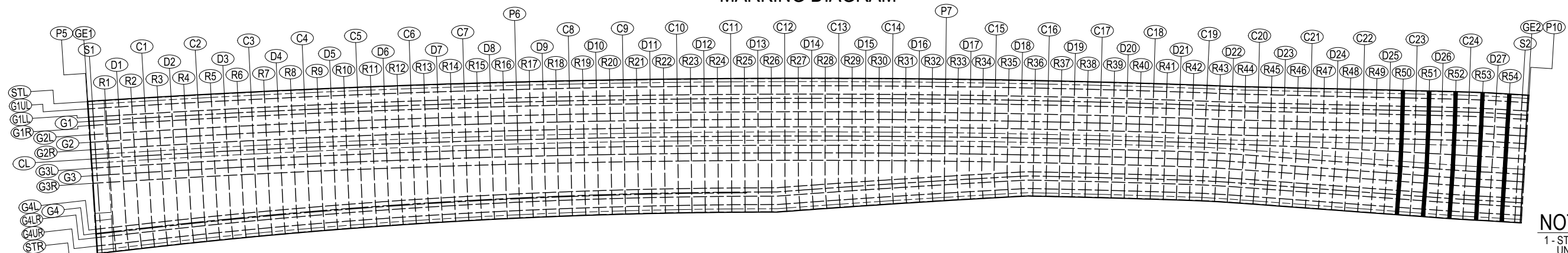
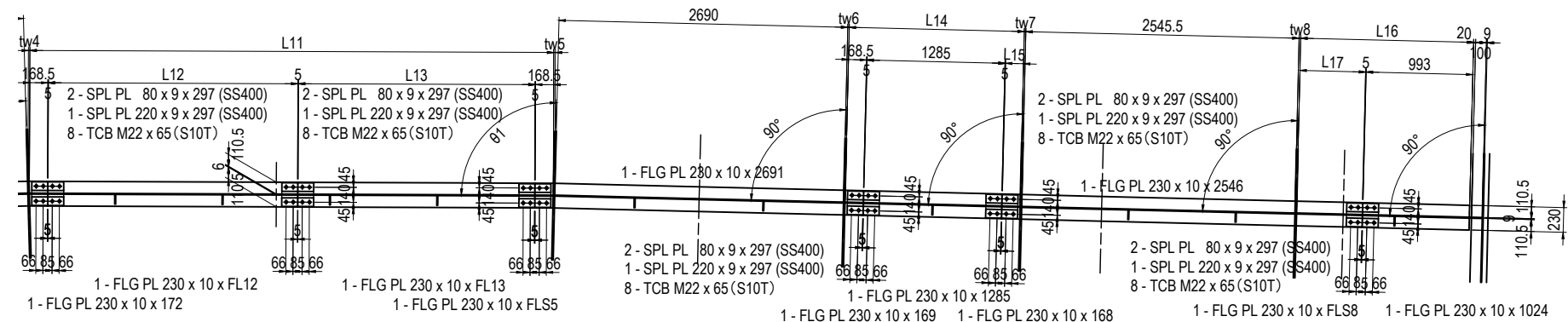
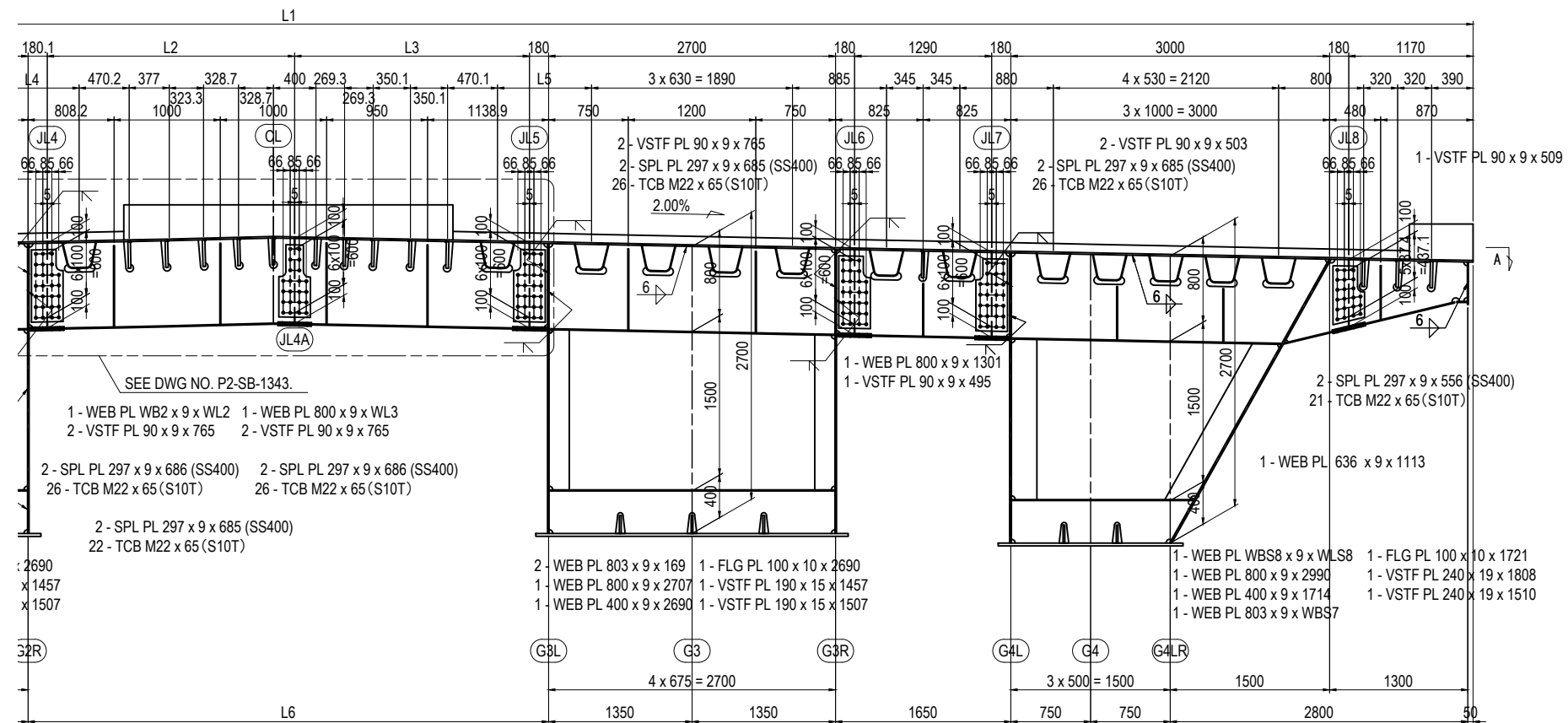
MARKING DIAGRAM



NOTES:
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.	<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>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	29 Sept.2017	CHECKED BY	T. HAYAKAWA	3 Oct.2017	APPROVED BY	Y. SANO	6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (14)	PACKAGE 1 DWG No. P1-SB-1564
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	29 Sept.2017																
CHECKED BY	T. HAYAKAWA	3 Oct.2017																
APPROVED BY	Y. SANO	6 Oct.2017																

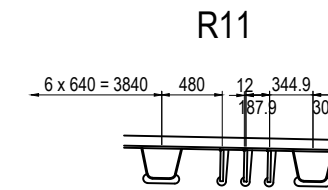
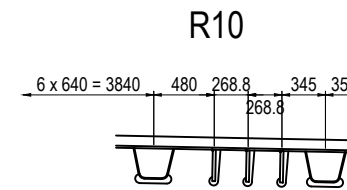
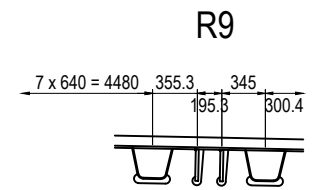
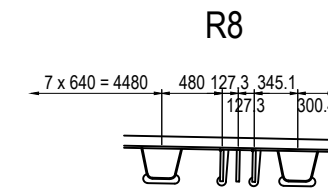
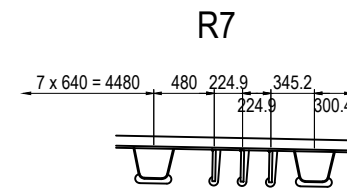
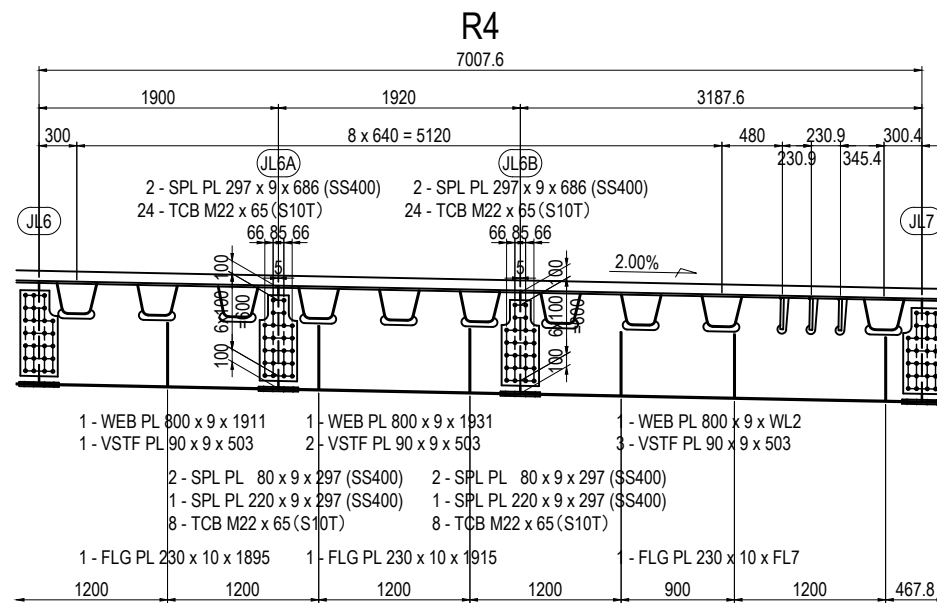
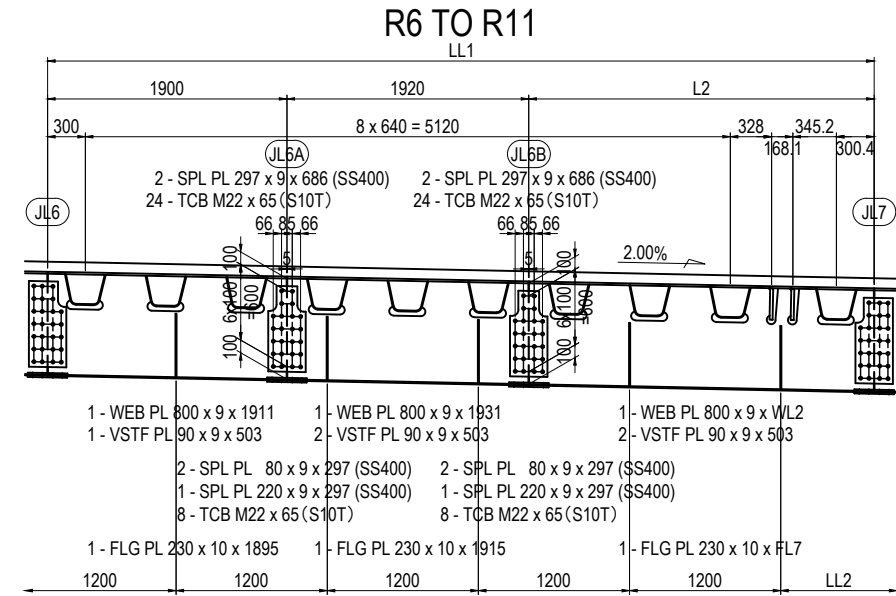
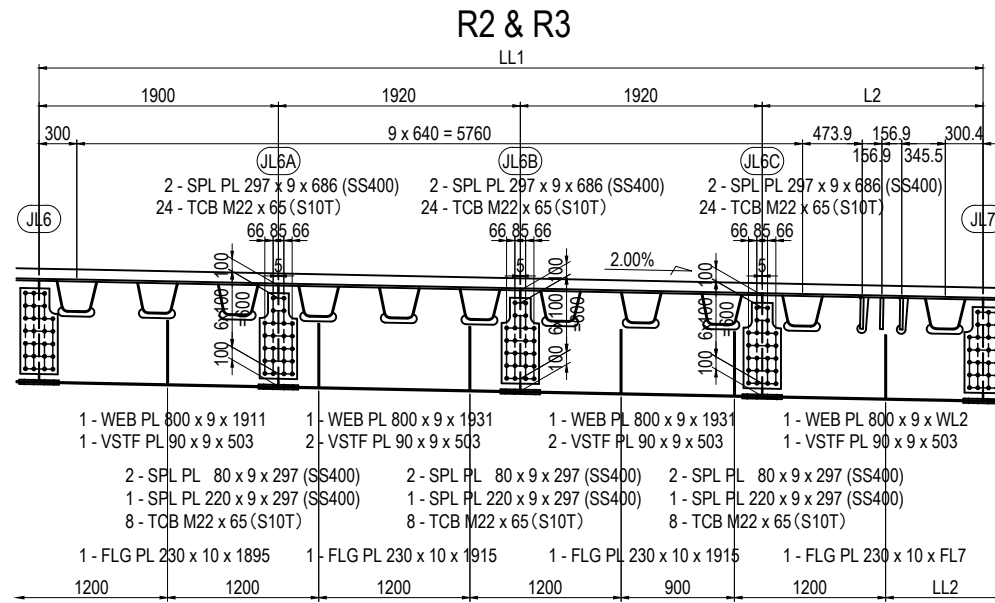
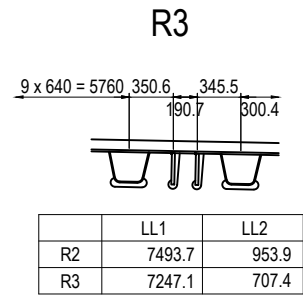
DETAIL OF CROSS BEAM SECTION (15) S=1:60 R50 TO R54 (2)



NOTES:
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.	<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 S. IMADA</td> <td></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </tbody> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		29 Sept.2017	CHECKED BY T. HAYAKAWA		3 Oct.2017	APPROVED BY Y. SANO		6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (15)	PACKAGE 1 DWG No. P1-SB-1565
NAME	SIGNATURE	DATE																
PREPARED BY S. IMADA		29 Sept.2017																
CHECKED BY T. HAYAKAWA		3 Oct.2017																
APPROVED BY Y. SANO		6 Oct.2017																

DETAIL OF CROSS BEAM SECTION (16) S=1:60

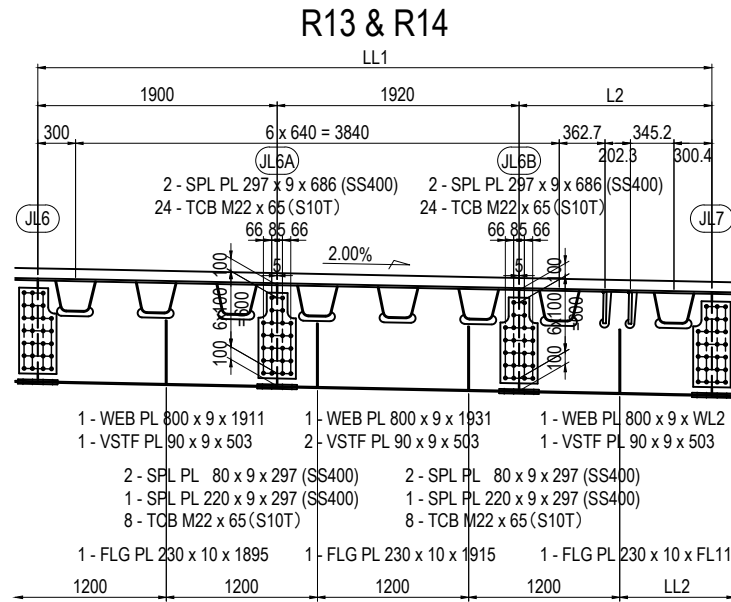


	LL1	LL2
R6	6561.7	921.9
R7	6355.4	715.6
R8	6160.2	520.3
R9	5976.1	636.2
R10	5803.1	463.2
R11	5641.2	601.3

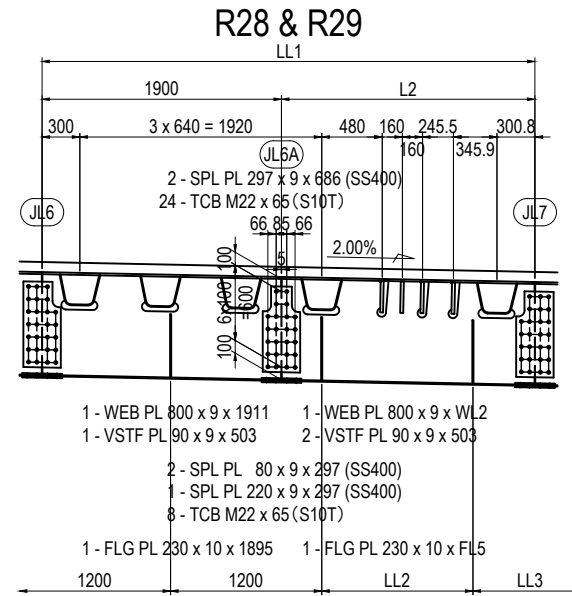
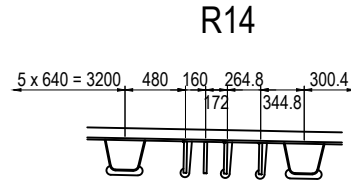
NOTES:
 1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A
 2 - UNLESS NOTED OTHERWISE SEE DWG NO. P2-SB-1326 TO 1329.

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></td> <td>NAME</td> <td>SIGNATURE</td> <td>DATE</td> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>29 Sept.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>3 Oct.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>6 Oct.2017</td> </tr> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		29 Sept.2017	CHECKED BY	T. HAYAKAWA		3 Oct.2017	APPROVED BY	Y. SANO		6 Oct.2017	DRAWING TITLE DETAIL OF CROSS BEAM SECTION (16)	PACKAGE 1 DWG No. P1-SB-1566
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		29 Sept.2017																			
CHECKED BY	T. HAYAKAWA		3 Oct.2017																			
APPROVED BY	Y. SANO		6 Oct.2017																			

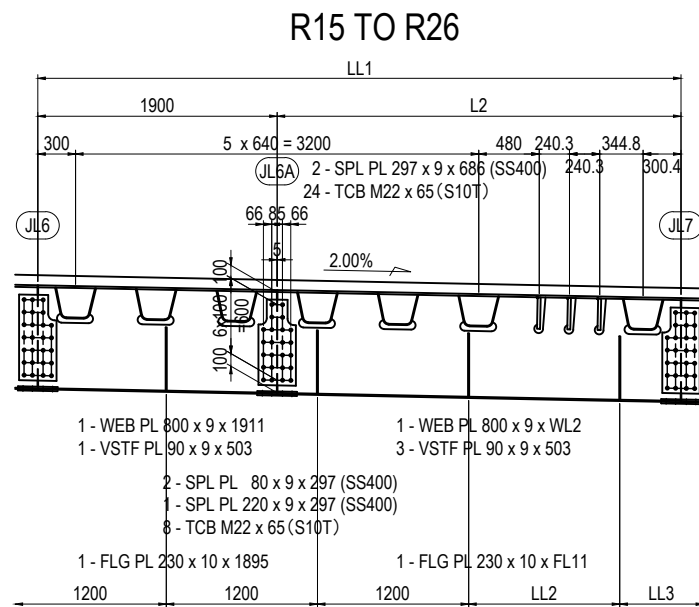
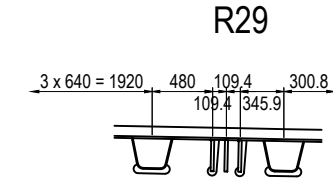
DETAIL OF CROSS BEAM SECTION (17) S=1:60



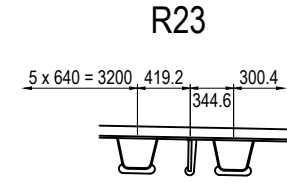
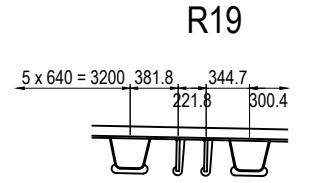
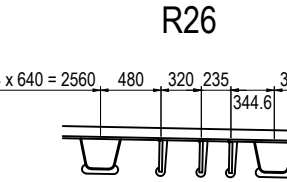
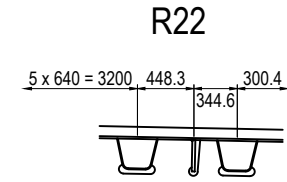
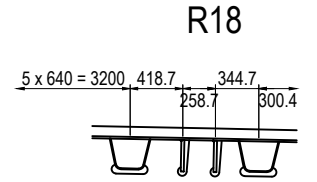
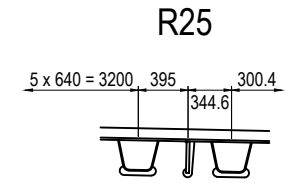
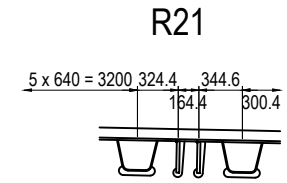
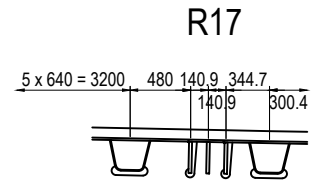
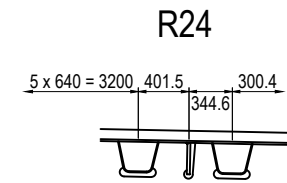
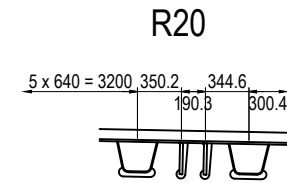
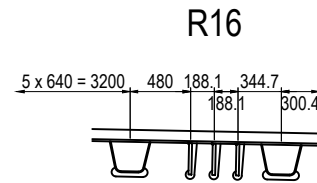
	LL1	LL2
R13	5350.6	910.7
R14	5222.0	782.1



	LL1	LL2	LL3
R2	3912.1	1200.0	672.6
R3	3565.5	700.0	826.0

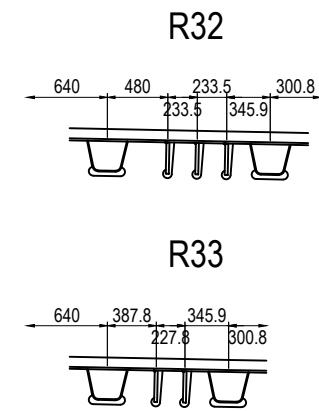
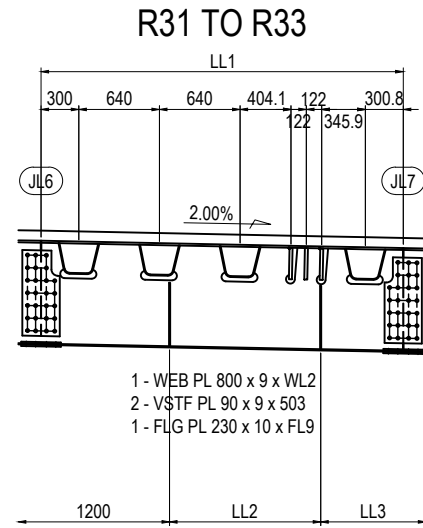


	LL1	LL2	LL3
R15	5105.7	1200.0	665.8
R16	5001.3	1200.0	561.3
R17	4906.8	1200.0	466.9
R18	4822.5	1200.0	382.6
R19	4748.7	700.0	808.7
R20	4685.6	700.0	745.6
R21	4633.8	700.0	693.8
R22	4593.3	700.0	653.3
R23	4564.2	700.0	624.2
R24	4546.5	700.0	606.5
R25	4540.0	700.0	600.0
R26	4540.0	700.0	600.0

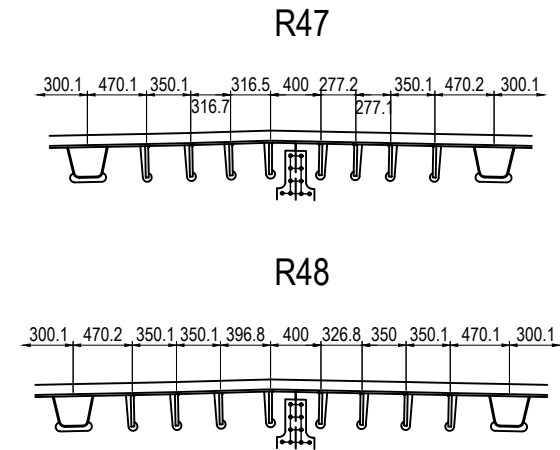
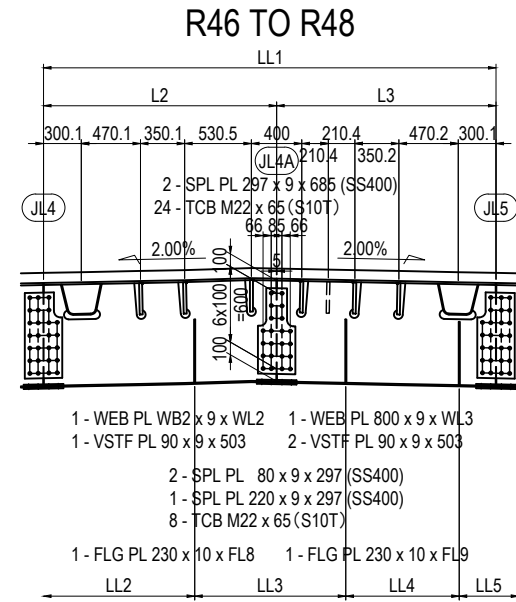


NOTES:
1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A
2 - UNLESS NOTED OTHERWISE SEE DWG NO. P2-SB-1330 TO 1333.

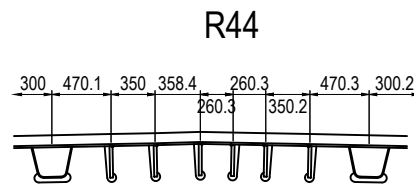
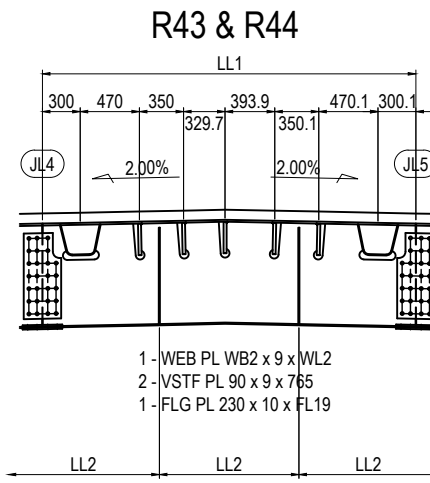
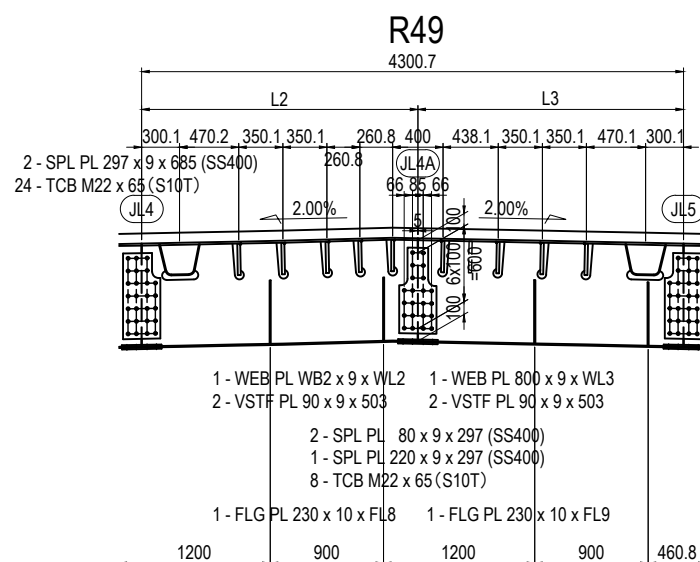
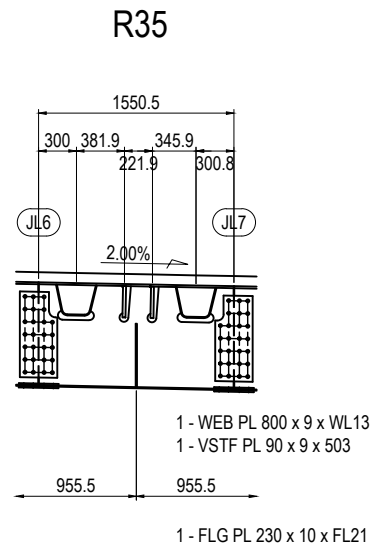
DETAIL OF CROSS BEAM SECTION (18) S=1:60



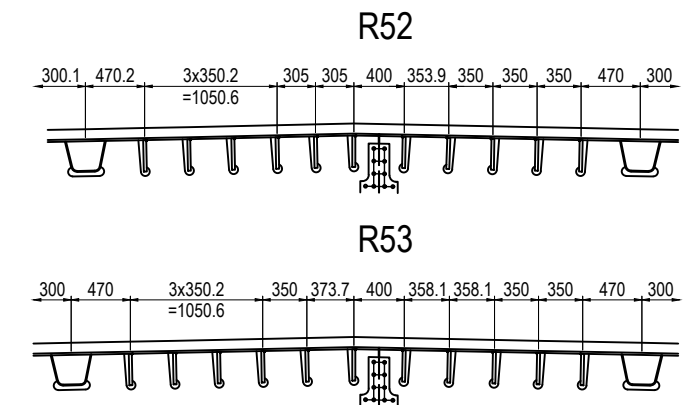
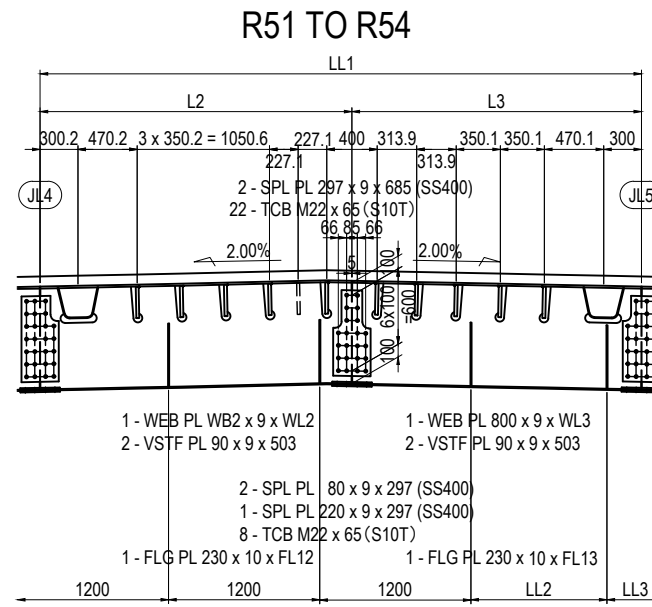
	LL1	LL2	LL3
R31	2874.9	1200.0	835.3
R32	2533.6	1200.0	494.1
R33	2202.3	700.0	662.8



	LL1	LL2	LL3	LL4	LL5
R46	3592.0	1200.0	1200.0	900.0	652.1
R47	3828.2	1200.0	1200.0	1200.0	588.3
R48	4064.4	824.5	1200.0	1200.0	1200.0



	LL1	LL2
R43	2963.8	1107.9
R44	3119.7	1159.9

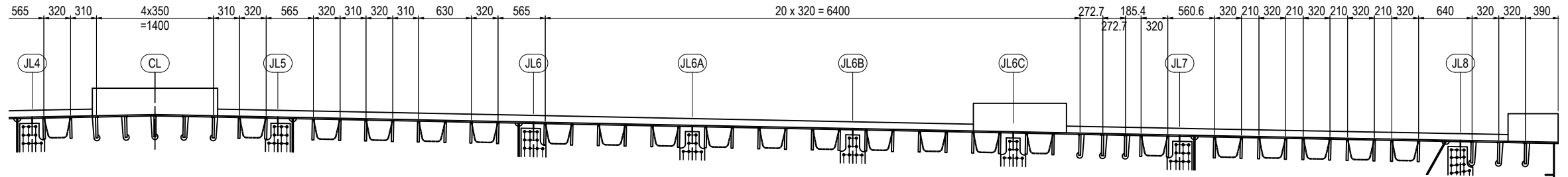
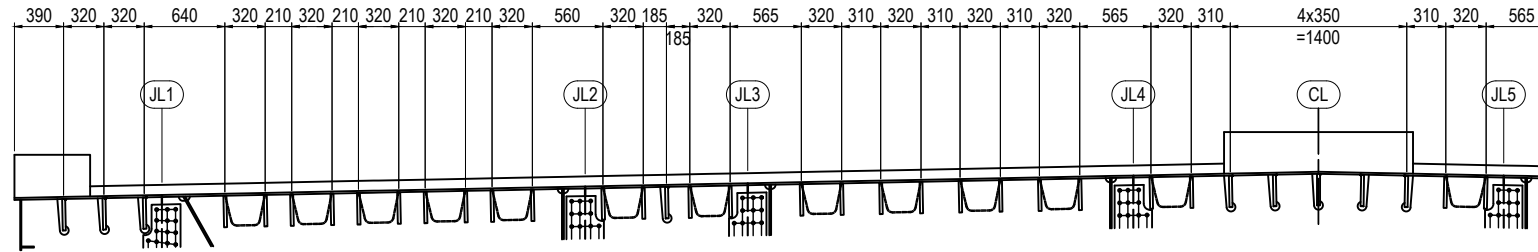


	LL1	LL2	LL3
R51	4773.3	900.0	633.4
R52	5005.0	1200.0	565.1
R53	5130.5	1200.0	690.5
R54	5140.0	1200.0	700.0

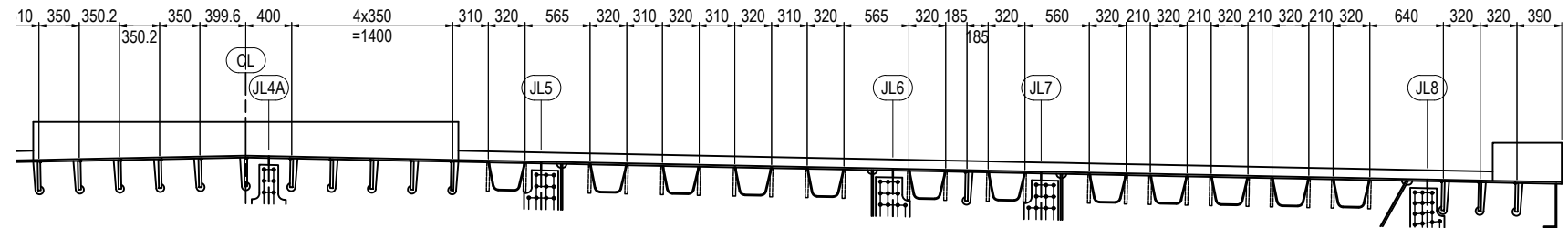
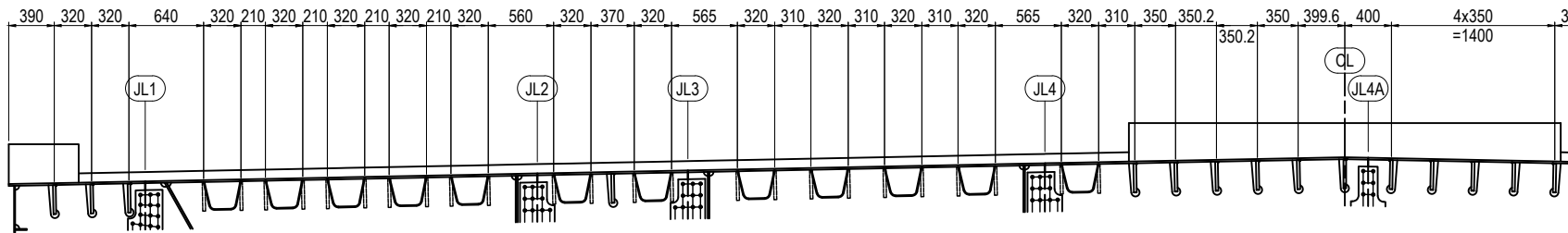
NOTES:
 1 - STEEL GRADE OF STEEL PLATE UNLESS NOTE : SM400A
 2 - UNLESS NOTED OTHERWISE SEE DWG NO. P2-SB-1334 TO 1340.

DETAIL OF CROSS BEAM SECTION (19) S=1:60

R1



R54



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 BEAM SECTION (19)	PACKAGE 1 DWG No. P1-SB-1569	
				PREPARED BY	S. IMADA				29 Sept.2017
				CHECKED BY	T. HAYAKAWA				3 Oct.2017
				APPROVED BY	Y. SANO				6 Oct.2017

DETAIL OF CROSS BEAM SECTION (20) S=1:60

	L1	L2	L3	L4	L5	L6	L7	L8	θ1	WL2	FL7	FLS7
R1	27141.4	1991.2	180.2	880.6	8091.4	8072.4	1986.2	167.7	87°07'29"	2003	1987	174
R2	26903.9	1753.7	180.3	880.7	7853.9	7834.9	1748.6	167.8	86°59'30"	1765	1749	174
R3	26657.4	1507.1	180.2	880.6	7607.4	7588.4	1502.2	167.7	87°01'41"	1518	1502	174
R4	26417.8	3187.6	180.2	880.6	7367.8	7348.8	1262.6	167.7	87°09'45"	3199	3183	173

	L1	L2	L3	L4	L5	L6	L7	L8	θ1	WL2	FL7	FLS7
R5	26189.3	2959.1	180.2	880.5	7139.3	7120.3	2954.1	167.7	87°17'50"	2971	2955	173
R6	25971.9	2741.7	180.2	880.5	6921.9	6902.9	2736.7	167.7	87°25'54"	2753	2737	173
R7	25765.6	2535.4	180.2	880.4	6715.6	6696.6	2530.4	167.7	87°33'59"	2547	2531	173
R8	25570.3	2340.2	180.1	880.4	6520.3	6501.3	2335.2	167.6	87°42'03"	2352	2336	172
R9	25386.2	2156.1	180.1	880.3	6336.2	6317.2	2151.1	167.6	87°50'08"	2168	2152	172
R10	25213.2	1983.1	180.1	880.3	6163.2	6144.2	1978.1	167.6	87°58'12"	1994	1978	172
R11	25051.3	1821.2	180.1	880.3	6001.3	5982.3	1816.2	167.6	88°06'17"	1833	1817	171

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	tw1	tw2	tw3	tw4	tw5	tw6	tw7	tw8
R12	24900.4	1670.4	180.1	880.2	5850.4	1610.0	612.0	1631.0	167.5	5831.4	1665.3	167.6	1610.0	612.0	15	15	14	14	14	14	15	15
R13	24760.7	1530.6	180.1	880.2	5710.7	1610.0	612.0	1631.0	167.5	5691.7	1525.6	167.6	1610.0	612.0	15	15	14	14	14	14	15	15
R14	24632.1	1402.0	180.1	880.2	5582.1	1610.0	612.0	1631.0	167.5	5563.1	1397.0	167.6	1610.0	612.0	15	15	14	14	14	14	15	15
R15	24515.8	3205.7	180.1	880.1	5465.8	1608.0	610.0	1629.0	165.5	5444.8	1280.7	165.6	1608.0	610.0	17	17	14	14	14	14	17	17
R16	24411.3	3101.3	180.0	880.1	5361.3	1608.0	610.0	1629.0	165.5	5340.3	1176.3	165.5	1608.0	610.0	17	17	14	14	14	14	17	17
R17	24316.9	3006.8	180.0	880.1	5266.9	1608.0	610.0	1629.0	165.5	5245.9	1081.9	165.5	1608.0	610.0	17	17	14	14	14	14	17	17
R18	24232.6	2922.5	180.0	880.1	5182.6	1608.0	610.0	1629.0	165.5	5161.6	997.6	165.5	1608.0	610.0	17	17	14	14	14	14	17	17
R19	24158.7	2848.7	180.0	880.0	5108.7	1610.0	612.0	1631.0	167.5	5089.7	923.7	167.5	1610.0	612.0	15	15	14	14	14	14	15	15
R20	24095.6	2785.6	180.0	880.0	5045.6	1610.0	612.0	1631.0	167.5	5026.6	860.6	167.5	1610.0	612.0	15	15	14	14	14	14	15	15
R21	24043.8	2733.8	180.0	880.0	4993.8	1610.0	612.0	1631.0	167.5	4974.8	808.8	167.5	1610.0	612.0	15	15	14	14	14	14	15	15
R22	24003.3	2693.3	180.0	880.0	4953.3	1610.0	612.0	1631.0	167.5	4934.3	768.3	167.5	1610.0	612.0	15	15	14	14	14	14	15	15
R23	23974.2	2664.2	180.0	880.0	4924.2	1610.0	612.0	1631.0	167.5	4905.2	739.2	167.5	1610.0	612.0	15	15	14	14	14	14	15	15
R24	23956.5	2646.5	180.0	880.0	4906.5	1610.0	612.0	1631.0	167.5	4887.5	721.5	167.5	1610.0	612.0	15	15	14	14	14	14	15	15
R25	23950.0	2640.0	180.0	880.0	4900.0	1610.0	612.0	1631.0	167.5	4881.0	715.0	167.5	1610.0	612.0	15	15	14	14	14	14	15	15
R26	23950.0	2640.0	180.0	880.0	4900.0	1610.0	612.0	1631.0	167.5	4881.0	715.0	167.5	1610.0	612.0	15	15	14	14	14	14	15	15

	θ1	WL2	FL11	WBS1	WLS1	WBS2	WLS2	FLS1	FLS2	WBS8	WLS8	WBS7	WLS7	FLS8	FLS7
R12	88°14'21"	1682	1666	788	609	168	803	630	168	788	609	168	803	630	171
R13	88°22'26"	1542	1526	788	609	168	803	630	168	788	609	168	803	630	171
R14	88°30'30"	1413	1397	788	609	168	803	630	168	788	609	168	803	630	171
R15	88°38'29"	3217	3201	787	606	166	803	627	166	787	606	166	803	627	168
R16	88°46'24"	3113	3097	787	606	166	803	627	166	787	606	166	803	627	168
R17	88°54'22"	3018	3002	787	606	166	803	627	166	787	606	166	803	627	168
R18	89°02'24"	2934	2918	787	606	166	803	627	166	787	606	166	803	627	167
R19	89°10'30"	2860	2844	788	609	168	803	630	168	788	609	168	803	630	169
R20	89°18'39"	2797	2781	788	609	168	803	630	168	788	609	168	803	630	169
R21	89°26'49"	2745	2729	788	609	168	803	630	168	788	609	168	803	630	169
R22	89°34'58"	2705	2689	788	609	168	803	630	168	788	609	168	803	630	168
R23	89°43'08"	2676	2660	788	609	168	803	630	168	788	609	168	803	630	168
R24	89°51'18"	2658	2642	788	609	168	803	630	168	788	609	168	803	630	168
R25	89°59'27"	2652	2636	788	609	168	803	630	168	788	609	168	803	630	168
R26	90°00'00"	2652	2636	788	609	168	803	630	168	788	609	168	803	630	168

	L1	L2	L3	L4	L5	θ1	WL2	FL5	FLS7
R27	23669.3	2358.8	4619.3	4600.3	2353.8	85°51'02"	2370	2354	176
R28	23322.6	2012.1	4272.6	4253.6	2007.1	85°51'05"	2024	2008	176
R29	22976.0	1665.5	3926.0	3907.0	1660.5	85°51'07"	1677	1661	176

DETAIL OF CROSS BEAM SECTION (21) S=1:60

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	tw1	tw2	tw3	tw4	tw5	tw6	tw7	tw8
R30	22629.3	1318.8	3579.3	1610.0	612.0	1631.0	167.5	3560.3	1313.8	168.0	1610.0	612.0	15	15	14	14	14	14	15	15
R31	22285.3	2874.9	3235.3	1608.0	610.0	1629.0	165.5	3214.3	2869.8	166.0	1608.0	610.0	17	17	14	14	14	14	17	17
R32	21944.1	2533.6	2894.1	1608.0	610.0	1629.0	165.5	2873.1	2528.6	166.0	1608.0	610.0	17	17	14	14	14	14	17	17
R33	21612.8	2202.3	2562.8	1608.0	610.0	1629.0	165.5	2541.8	2197.3	166.0	1608.0	610.0	17	17	14	14	14	14	17	17

	θ1	WL2	FL9	WBS1	WLS1	WBS2	WLS2	FLS1	FLS2	WBS8	WLS8	WBS7	WLS7	FLS8	FLS7
R30	85°51'10"	1330	1314	788	609	168	803	630	168	788	609	168	803	630	176
R31	85°51'13"	2886	2870	787	606	166	803	627	166	787	606	166	803	627	174
R32	85°51'15"	2545	2529	787	606	166	803	627	166	787	606	166	803	627	174
R33	85°51'18"	2214	2198	787	606	166	803	627	166	787	606	166	803	627	174

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	L18	L19	L20	L21	L22	L23	L24
R34	21291.4	2940.0	1880.9	180.5	885.0	470.0	350.0	350.0	350.0	470.0	885.0	881.3	2241.4	1608.0	610.0	1629.0	165.5	3282.0	2935.0	2220.4	1875.9	166.0	1608.0	610.0
R35	20961.0	2940.0	1550.5	180.5	885.0	470.0	350.0	350.0	350.0	470.0	885.0	881.3	1911.0	1610.0	612.0	1631.0	167.5	3282.0	2935.0	1892.0	1545.5	168.0	1610.0	612.0
R43	20723.8	2963.8	1290.0	180.0	885.0	470.0	329.7	393.9	350.1	470.1	885.1	880.0	1650.0	1608.0	610.0	1629.0	165.5	3305.8	2958.8	1629.0	1285.0	165.5	1608.0	610.0
R44	20879.8	3119.7	1290.0	180.0	885.1	470.1	358.4	520.6	350.2	470.3	885.3	880.0	1650.0	1608.0	610.0	1629.0	165.5	3461.8	3114.8	1629.0	1285.0	165.5	1608.0	610.0

	tw1	tw2	tw3	tw4	tw5	tw6	tw7	tw8	θ1	θ2	WB2	WL2	FL19	WL13	FL21	WBS1
R34	17	17	14	14	14	14	17	17	90°00'00"	85°51'20"	829	2935	2936	1892	1876	787
R35	15	15	14	14	14	14	15	15	90°00'00"	85°51'22"	829	2935	2936	1562	1546	788
R43	17	17	14	14	14	14	17	17	91°10'08"	90°00'00"	830	2959	2959	1301	1285	787
R44	17	17	14	14	14	14	17	17	91°56'03"	90°00'00"	833	3115	3115	1301	1285	787

	WLS1	WBS2	WLS2	FLS1	FLS2	WBS8	WLS8	WBS7	WLS7	FLS8	FLS7
R34	606	166	803	627	166	787	609	166	803	627	174
R35	609	168	803	630	168	788	612	168	803	630	176
R43	606	166	803	627	166	787	609	166	803	627	166
R44	606	166	803	627	166	787	609	166	803	627	166

	L1	L2	L3	L4	L5	L6	L7	L8	L9	θ1	WB2	WL2	FL8	WL3	FL9	FLS5
R45	21115.9	1759.0	1596.7	885.1	885.2	3715.9	3697.9	1754.0	1591.8	91°49'49"	831	1754	1754	1608	1592	172
R46	21352.1	1850.7	1741.3	885.1	885.2	3952.1	3934.1	1845.7	1736.4	91°41'44"	833	1846	1846	1753	1736	172
R47	21588.3	1953.5	1874.8	885.1	885.2	4188.3	4170.3	1948.5	1869.9	91°33'39"	835	1949	1949	1886	1870	172
R48	21824.5	2067.3	1997.2	885.2	885.1	4424.5	4406.5	2062.3	1992.3	91°25'34"	837	2062	2063	2009	1992	171
R49	22060.8	2192.2	2108.6	885.2	885.1	4660.8	4642.8	2187.2	2103.7	91°17'30"	840	2187	2188	2120	2104	171

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15	L16	L17	tw1	tw2	tw3	tw4	tw5	tw6	tw7	tw8
R50	22297.1	2328.1	2208.8	885.2	885.1	4897.1	1608.0	610.0	1629.0	165.5	4879.1	2323.2	2203.9	1629.0	165.5	1608	610	17	17	14	14	14	14	17	17
R51	22533.4	2475.2	2298.0	885.3	885.1	5133.4	1608.0	610.0	1629.0	165.5	5115.4	2470.3	2293.1	1629.0	165.5	1608	610	17	17	14	14	14	14	17	17
R52	22765.1	2631.0	2374.0	885.2	885.0	5365.1	1610.0	612.0	1631.0	167.5	5347.1	2626.1	2369.0	1631.0	167.5	1610	612	15	15	14	14	14	14	15	15
R53	22890.5	2744.3	2386.0	885.1	885.0	5490.6	1610.0	612.0	1631.0	167.5	5472.6	2739.4	2381.2	1631.0	167.5	1610	612	15	15	14	14	14	14	15	15
R54	22900.0	2770.0	2370.0	885.0	885.0	5500.1	1610.0	612.0	1631.0	167.5	5482.1	2765.1	2365.0	1631.0	167.5	1610	612	15	15	14	14	14	14	15	15

	θ1	WB2	WL2	FL12	WL3	FL13	WBS1	WLS1	WBS2	WLS2	FLS1	FLS2	WBS8	WLS8	WBS7	WLS7	FLS8	FLS5
R50	91°09'25"	843	2323	2324	2220	2204	787	606	166	803	627	166	787	606	166	803	627	171
R51	91°01'20"	845	2470	2471	2309	2293	787	606	166	803	627	166	787	606	166	803	627	171
R52	90°39'41"	849	2626	2627	2385	2369	788	609	168	803	630	168	788	609	168	803	630	170
R53	89°38'19"	851	2739	2740	2397	2381	788	609	168	803	630	168	788	609	168	803	630	169
R54	90°00'00"	851	2765	2766	2381	2365	788	609	168	803	630	168	788	609	168	803	630	169