

# DETAIL OF END DIAPHRAGM AND CROSS GIRDER (1) (P13) S=1:100

- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2714 x 11 x 2980 (SM400A)
- 4 - VSTIFF PL 220 x 25 x 2300 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 11 x 2690 (SM400A)
- 4 - VSTIFF PL 220 x 25 x 2400 (SM400A)

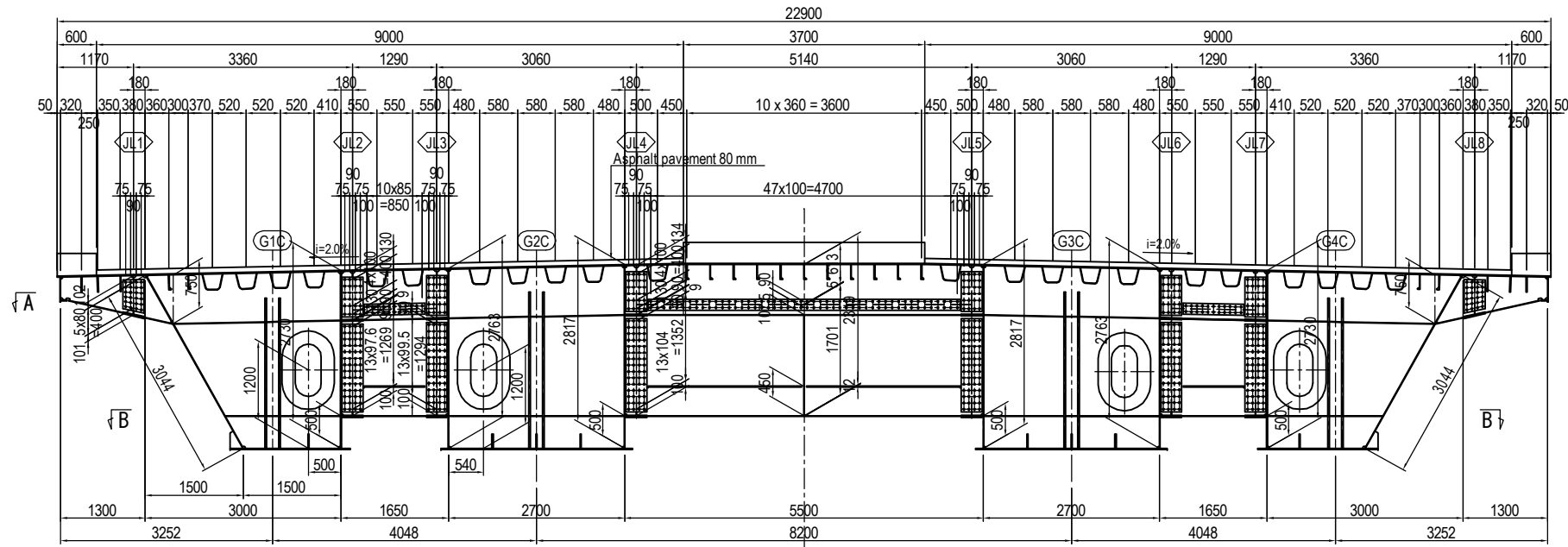
- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 5135 (SM400A)
- 1 - WEB PL 1701 x 9 x 5135 (SM400A)
- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 2350 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1542 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1432 (SS400)
- 2 - SPL PL 170 x 9 x 4780 (SS400)
- 256 - TCB M22 x 65 (S10T)

- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

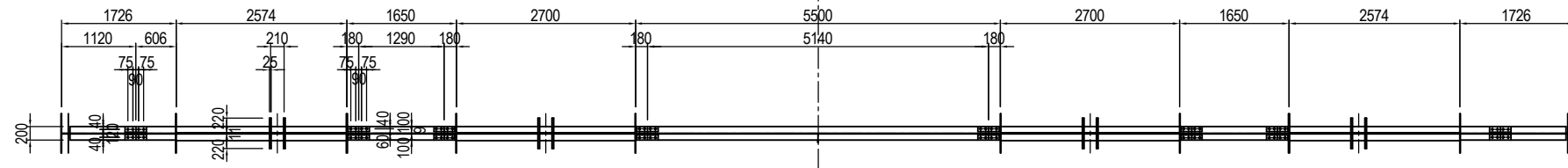
- 1 - DIA PL 2714 x 11 x 2980 (SM400A)
- 4 - VSTIFF PL 220 x 25 x 2300 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

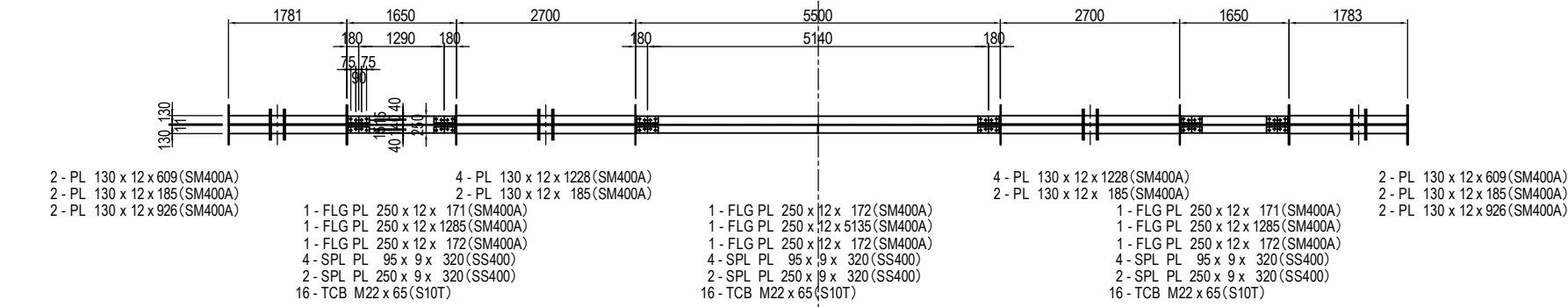
- 1 - DIA PL 2801 x 11 x 2690 (SM400A)
- 4 - VSTIFF PL 220 x 25 x 2400 (SM400A)



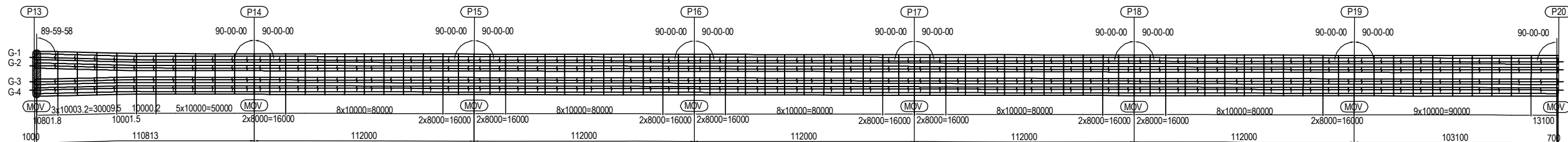
A - A



B - B



## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF END DIAPHRAGM AND CROSS GIRDER (1)	PACKAGE 2 DWG No. P2-SB-1301
				CHECKED BY T. HAYAKAWA		DATE 20 Jun.2017		
				APPROVED BY Y. SANO		DATE 21 Jun.2017		

# DETAIL OF END DIAPHRAGM AND CROSS GIRDER (2) (P20) S=1:100

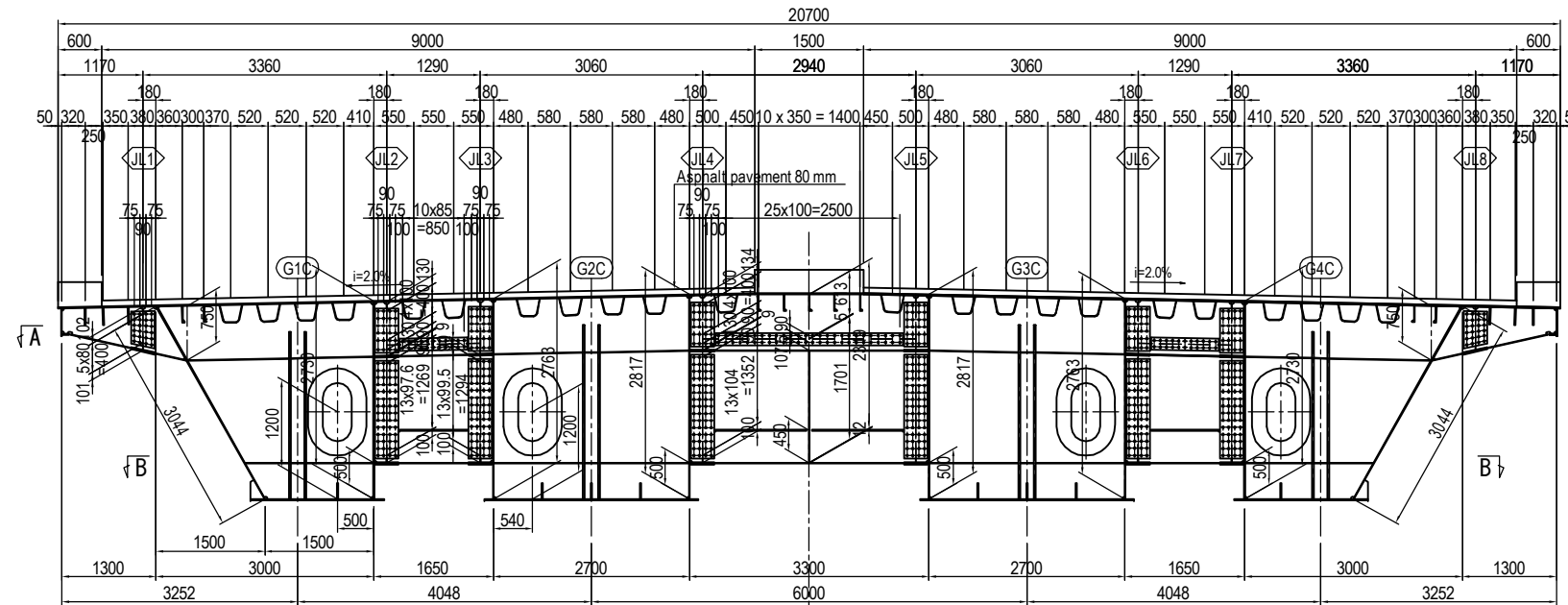
- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2714 x 11 x 2980 (SM400A)
- 4 - VSTIFF PL 230 x 22 x 2300 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 11 x 2690 (SM400A)
- 4 - VSTIFF PL 230 x 22 x 2400 (SM400A)

- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 2935 (SM400A)
- 1 - WEB PL 1701 x 9 x 2935 (SM400A)
- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 1250 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1542 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1432 (SS400)
- 2 - SPL PL 170 x 9 x 2580 (SS400)
- 212 - TCB M22 x 65 (S10T)

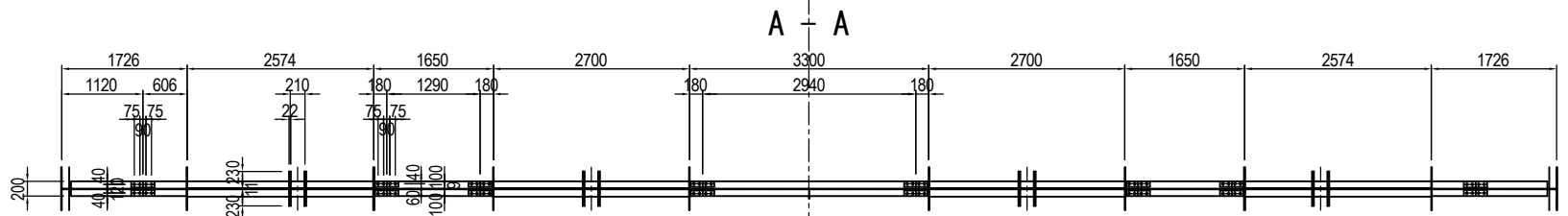


- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

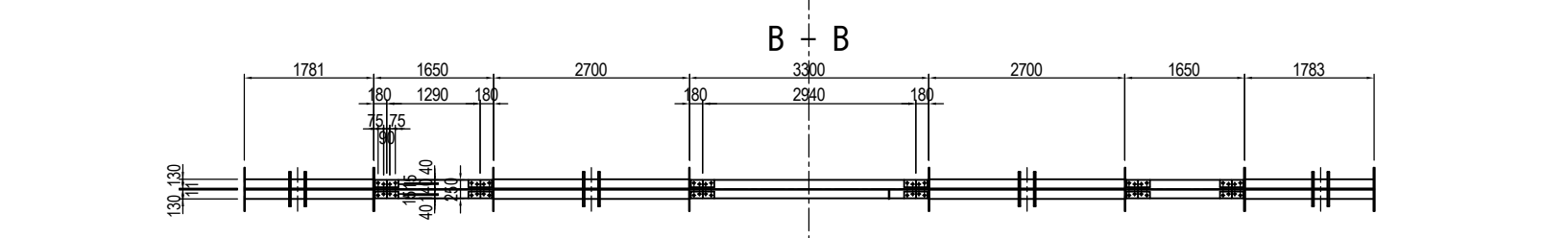
- 1 - DIA PL 2714 x 11 x 2980 (SM400A)
- 4 - VSTIFF PL 230 x 22 x 2300 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 11 x 2690 (SM400A)
- 4 - VSTIFF PL 230 x 22 x 2400 (SM400A)

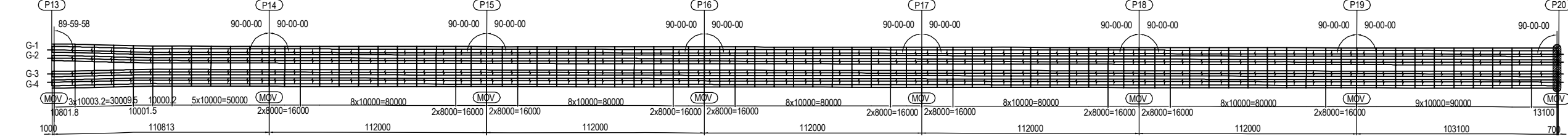


- 2 - PL 100 x 9 x 1403 (SM400A)
- 2 - PL 100 x 9 x 188 (SM400A)
- 2 - PL 100 x 9 x 927 (SM400A)
- 4 - PL 100 x 9 x 1229 (SM400A)
- 2 - PL 100 x 9 x 188 (SM400A)
- 4 - PL 100 x 9 x 1229 (SM400A)
- 2 - PL 100 x 9 x 188 (SM400A)
- 2 - PL 100 x 9 x 927 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 2935 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 171 (SM400A)
- 2 - PL 100 x 9 x 2935 (SM400A)
- 2 - PL 100 x 9 x 171 (SM400A)
- 2 - PL 100 x 9 x 188 (SM400A)
- 2 - PL 100 x 9 x 927 (SM400A)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 615 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)



- 2 - PL 130 x 12 x 612 (SM400A)
- 2 - PL 130 x 12 x 188 (SM400A)
- 2 - PL 130 x 12 x 927 (SM400A)
- 4 - PL 130 x 12 x 1229 (SM400A)
- 2 - PL 130 x 12 x 188 (SM400A)
- 4 - PL 130 x 12 x 1229 (SM400A)
- 2 - PL 130 x 12 x 188 (SM400A)
- 2 - PL 130 x 12 x 927 (SM400A)
- 1 - FLG PL 250 x 12 x 171 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 172 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY CHECKED BY APPROVED BY	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF END DIAPHRAGM AND CROSS GIRDER (2)	PACKAGE 2 DWG No. P2-SB-1302
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# DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER(1) (P14) S=1:100

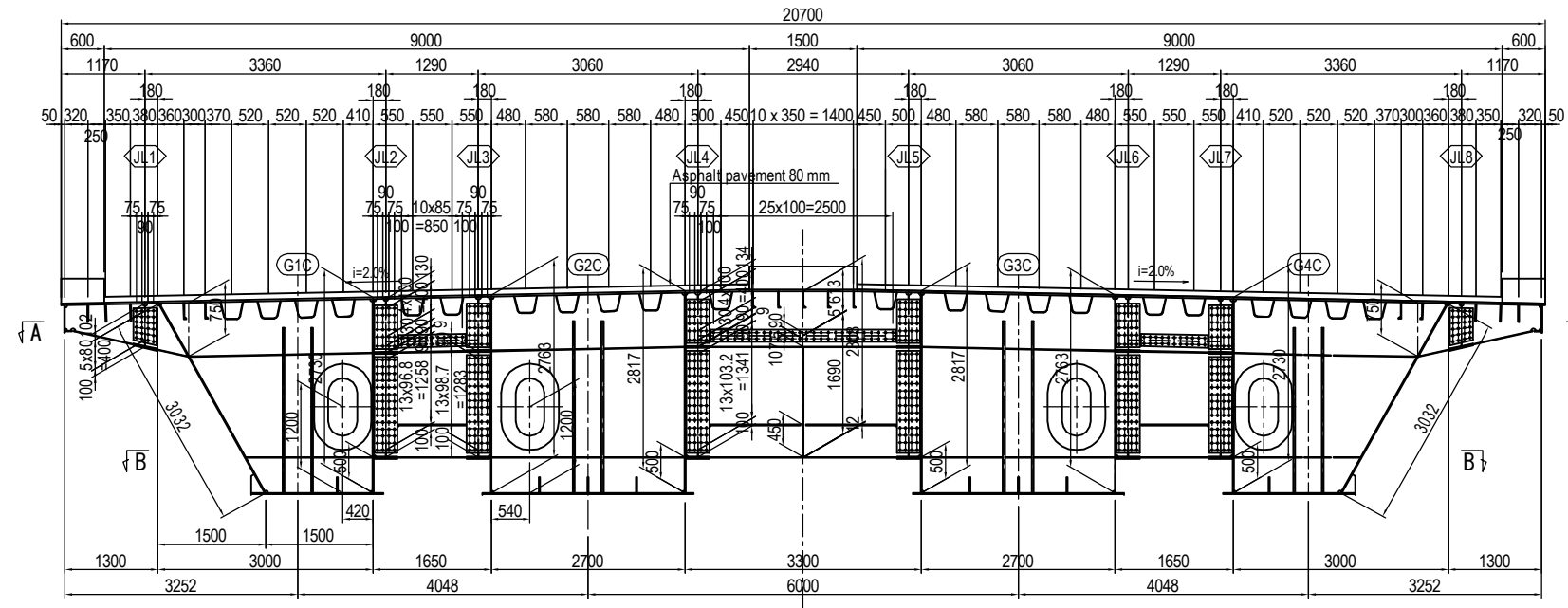
- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2703 x 19 x 2974 (SM490YB)
- 4 - VSTIFF PL 270 x 30 x 2300 (SM490YB)

- 1 - WEB PL 2207 x 9 x 169 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1632 x 9 x 1285 (SM400A)
- 1 - WEB PL 2236 x 9 x 170 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1338 (SS400)
- 2 - SPL PL 320 x 9 x 1363 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2790 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 270 x 30 x 2400 (SM490YB)

- 1 - WEB PL 2294 x 9 x 170 (SM400A)
- 1 - WEB PL 613 x 9 x 2935 (SM400A)
- 1 - WEB PL 1690 x 9 x 2935 (SM400A)
- 1 - WEB PL 2294 x 9 x 170 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 1250 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1531 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1421 (SS400)
- 2 - SPL PL 170 x 9 x 2580 (SS400)
- 212 - TCB M22 x 65 (S10T)

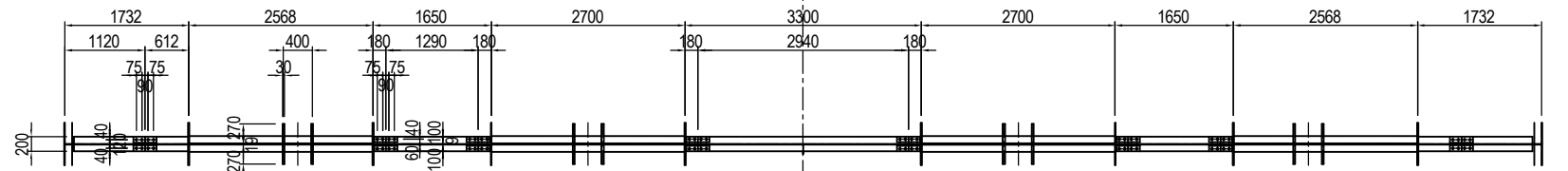


- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

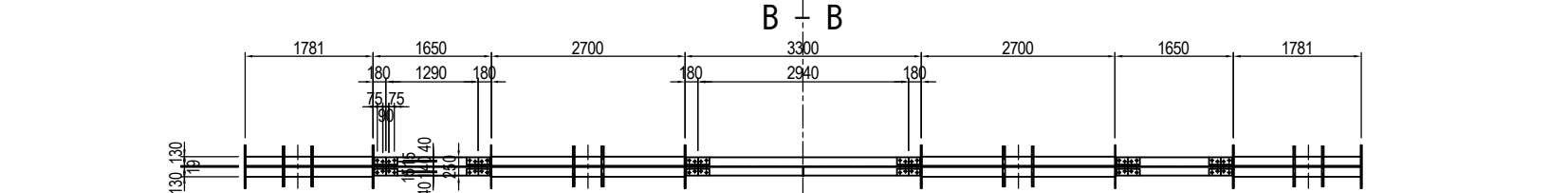
- 1 - DIA PL 2703 x 19 x 2974 (SM490YB)
- 4 - VSTIFF PL 270 x 30 x 2300 (SM490YB)

- 1 - WEB PL 2207 x 9 x 169 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1632 x 9 x 1285 (SM400A)
- 1 - WEB PL 2236 x 9 x 170 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1338 (SS400)
- 2 - SPL PL 320 x 9 x 1363 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2790 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 270 x 30 x 2400 (SM490YB)

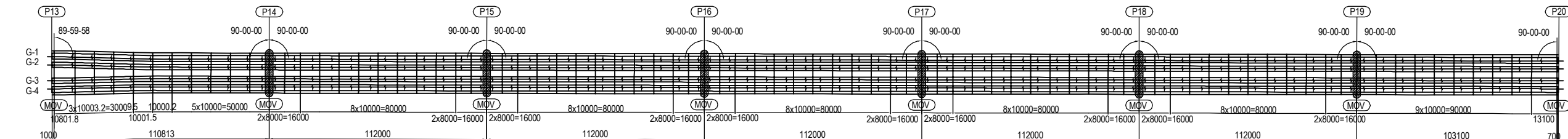


- 2 - PL 100 x 9 x 1300 (SM400A)
- 2 - PL 100 x 9 x 370 (SM400A)
- 2 - PL 100 x 9 x 828 (SM400A)
- 4 - PL 100 x 9 x 1130 (SM400A)
- 2 - PL 100 x 9 x 370 (SM400A)
- 4 - PL 100 x 9 x 1130 (SM400A)
- 2 - PL 100 x 9 x 370 (SM400A)
- 2 - PL 100 x 9 x 828 (SM400A)
- 2 - PL 100 x 9 x 1300 (SM400A)
- 2 - PL 100 x 9 x 370 (SM400A)
- 2 - PL 100 x 9 x 828 (SM400A)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 615 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)



- 2 - PL 130 x 12 x 513 (SM400A)
- 2 - PL 130 x 12 x 370 (SM400A)
- 2 - PL 130 x 12 x 828 (SM400A)
- 4 - PL 130 x 12 x 1130 (SM400A)
- 2 - PL 130 x 12 x 370 (SM400A)
- 4 - PL 130 x 12 x 1130 (SM400A)
- 2 - PL 130 x 12 x 370 (SM400A)
- 2 - PL 130 x 12 x 513 (SM400A)
- 2 - PL 130 x 12 x 370 (SM400A)
- 2 - PL 130 x 12 x 828 (SM400A)
- 1 - FLG PL 250 x 12 x 171 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 172 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER (1)	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
APPROVED BY	Y. SANO	21 Jun.2017	P2-SB-1311					

# DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER(2) (P15) S=1:100

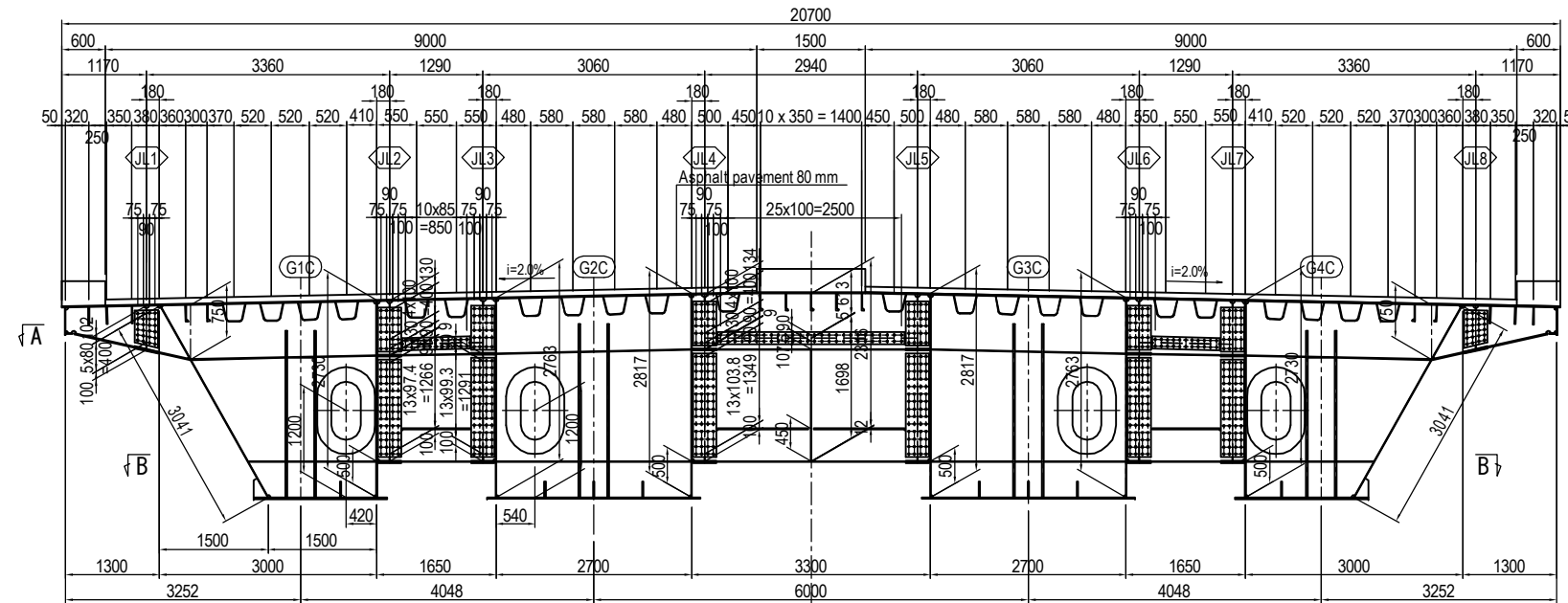
- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2711 x 19 x 2979 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2300 (SM490YB)

- 1 - WEB PL 2215 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1632 x 9 x 1285 (SM400A)
- 1 - WEB PL 2236 x 9 x 170 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1340 (SS400)
- 2 - SPL PL 320 x 9 x 1371 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2798 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2400 (SM490YB)

- 1 - WEB PL 2302 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 2935 (SM400A)
- 1 - WEB PL 1698 x 9 x 2935 (SM400A)
- 1 - WEB PL 2302 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 1250 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1539 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1429 (SS400)
- 2 - SPL PL 170 x 9 x 2580 (SS400)
- 212 - TCB M22 x 65 (S10T)

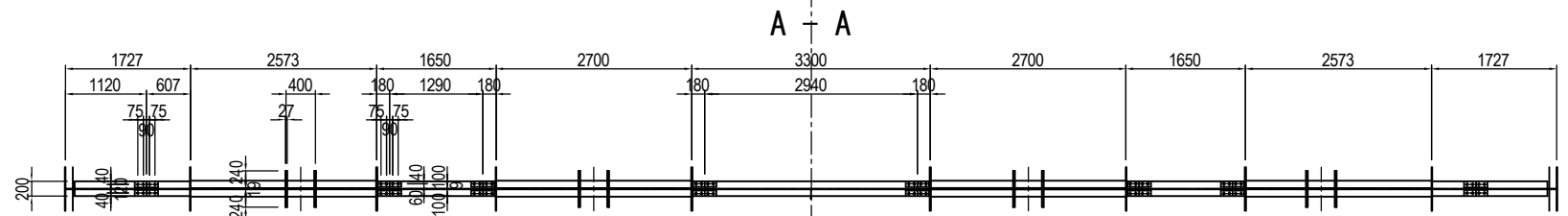


- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

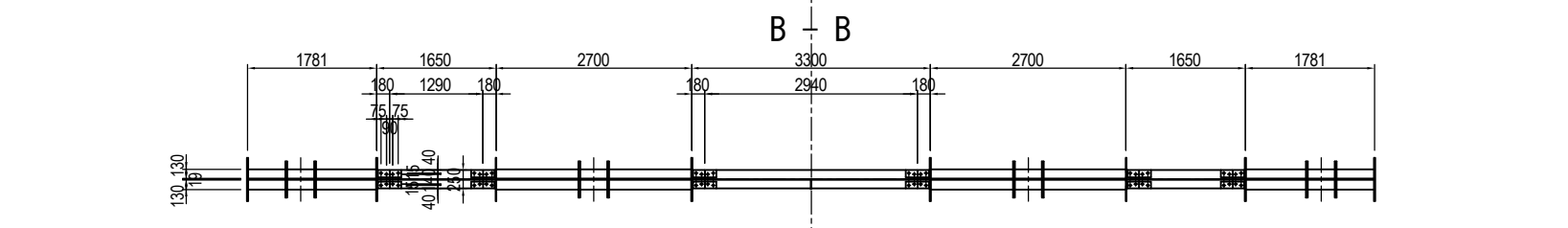
- 1 - DIA PL 2711 x 19 x 2979 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2300 (SM490YB)

- 1 - WEB PL 2215 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1632 x 9 x 1285 (SM400A)
- 1 - WEB PL 2236 x 9 x 170 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1340 (SS400)
- 2 - SPL PL 320 x 9 x 1371 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2798 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2400 (SM490YB)

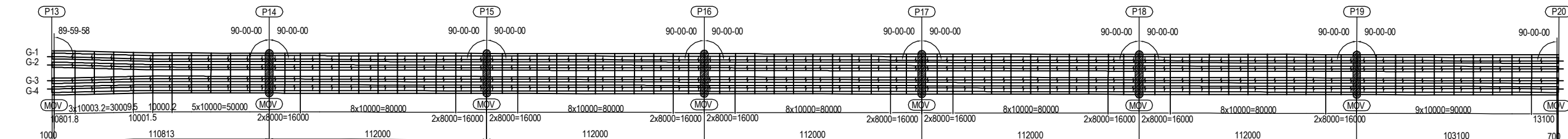


- 2 - PL 100 x 9 x 1306 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 2935 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 169 (SM400A)
- 2 - PL 100 x 9 x 1285 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 169 (SM400A)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 617 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)



- 2 - PL 130 x 12 x 514 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)
- 4 - PL 130 x 12 x 1132 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 4 - PL 130 x 12 x 1132 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 514 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)
- 1 - FLG PL 250 x 12 x 169 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER (2)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO		21 Jun.2017	P2-SB-1312	

# DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER(3) (P16) S=1:100

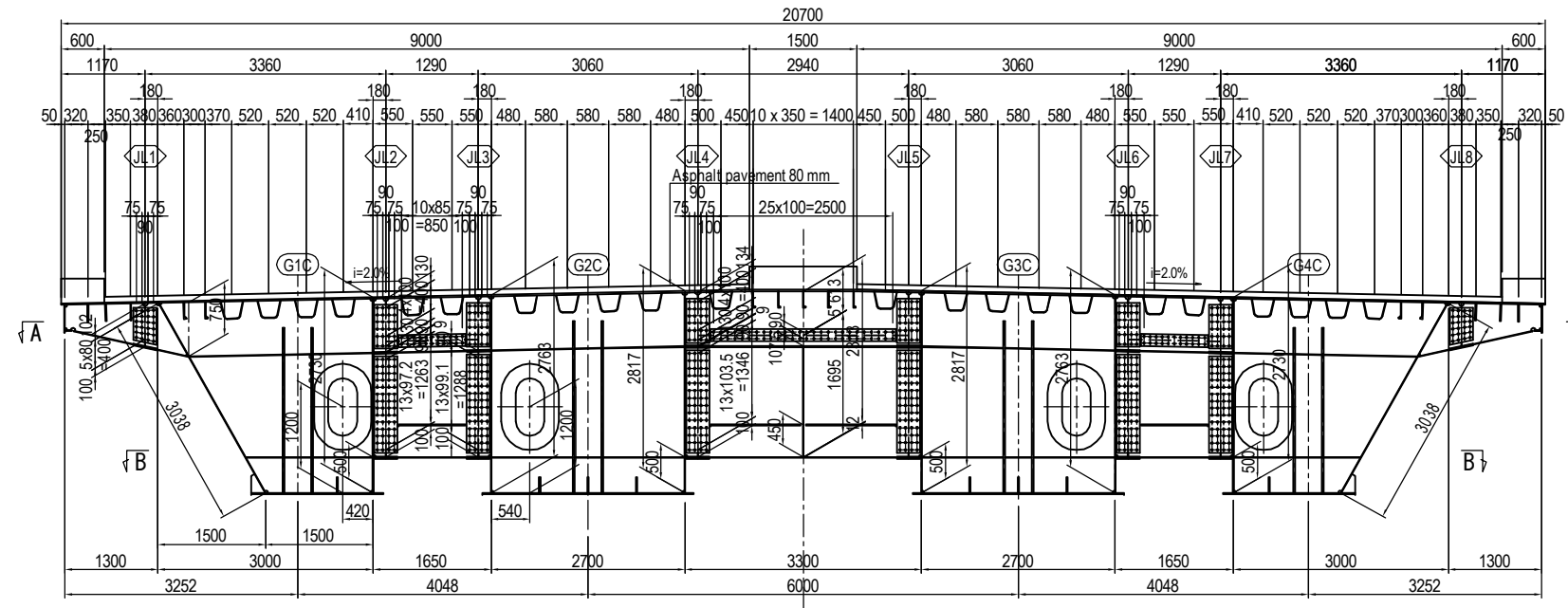
- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2708 x 19 x 2977 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2300 (SM490YB)

- 1 - WEB PL 2212 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1637 x 9 x 1285 (SM400A)
- 1 - WEB PL 2241 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1343 (SS400)
- 2 - SPL PL 320 x 9 x 1368 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2795 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2400 (SM490YB)

- 1 - WEB PL 2299 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 2935 (SM400A)
- 1 - WEB PL 1695 x 9 x 2935 (SM400A)
- 1 - WEB PL 2299 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 1250 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1536 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1426 (SS400)
- 2 - SPL PL 170 x 9 x 2580 (SS400)
- 212 - TCB M22 x 65 (S10T)

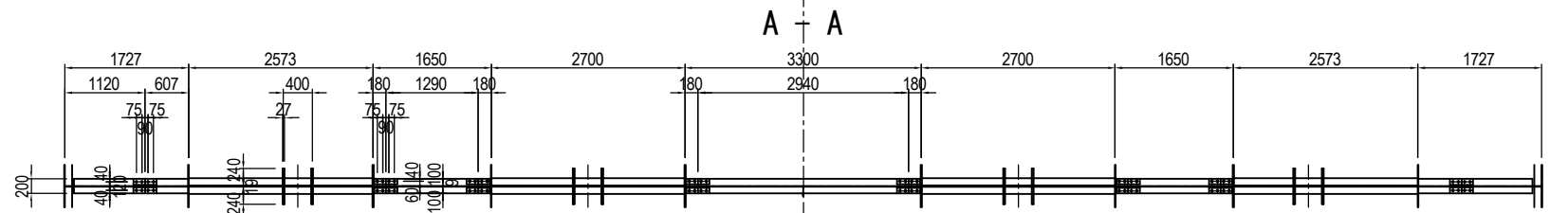


- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

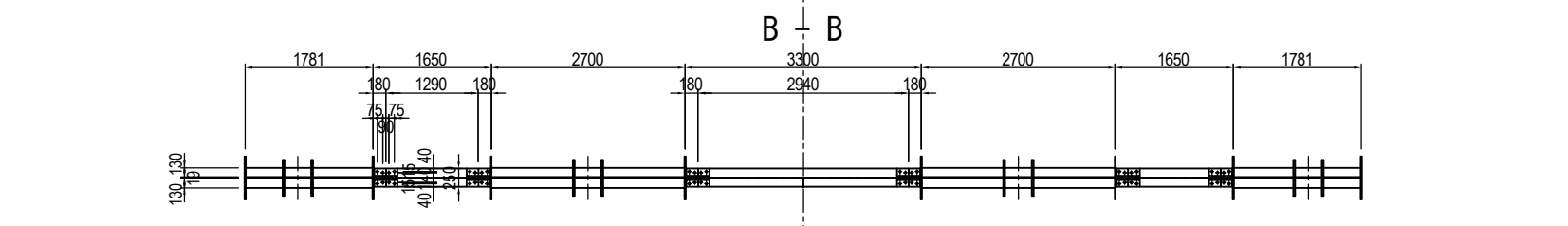
- 1 - DIA PL 2708 x 19 x 2977 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2300 (SM490YB)

- 1 - WEB PL 2212 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1637 x 9 x 1285 (SM400A)
- 1 - WEB PL 2241 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1343 (SS400)
- 2 - SPL PL 320 x 9 x 1368 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2795 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2400 (SM490YB)

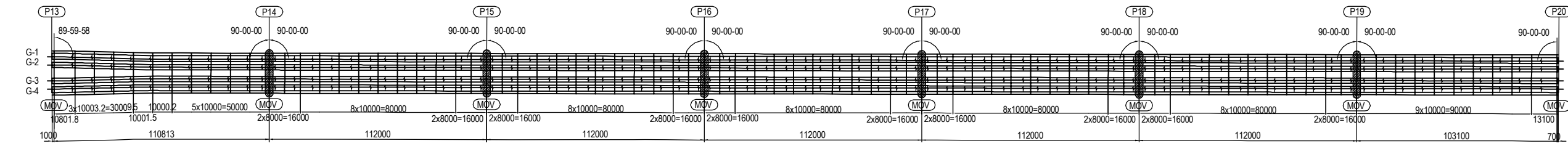


- 2 - PL 100 x 9 x 1306 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 2935 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 169 (SM400A)
- 2 - PL 100 x 9 x 1285 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 169 (SM400A)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 617 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)



- 2 - PL 130 x 12 x 514 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)
- 4 - PL 130 x 12 x 1132 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 4 - PL 130 x 12 x 1132 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 514 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)
- 1 - FLG PL 250 x 12 x 169 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER (3)	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
APPROVED BY	Y. SANO	21 Jun.2017	P2-SB-1313					

# DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER(4) (P17) S=1:100

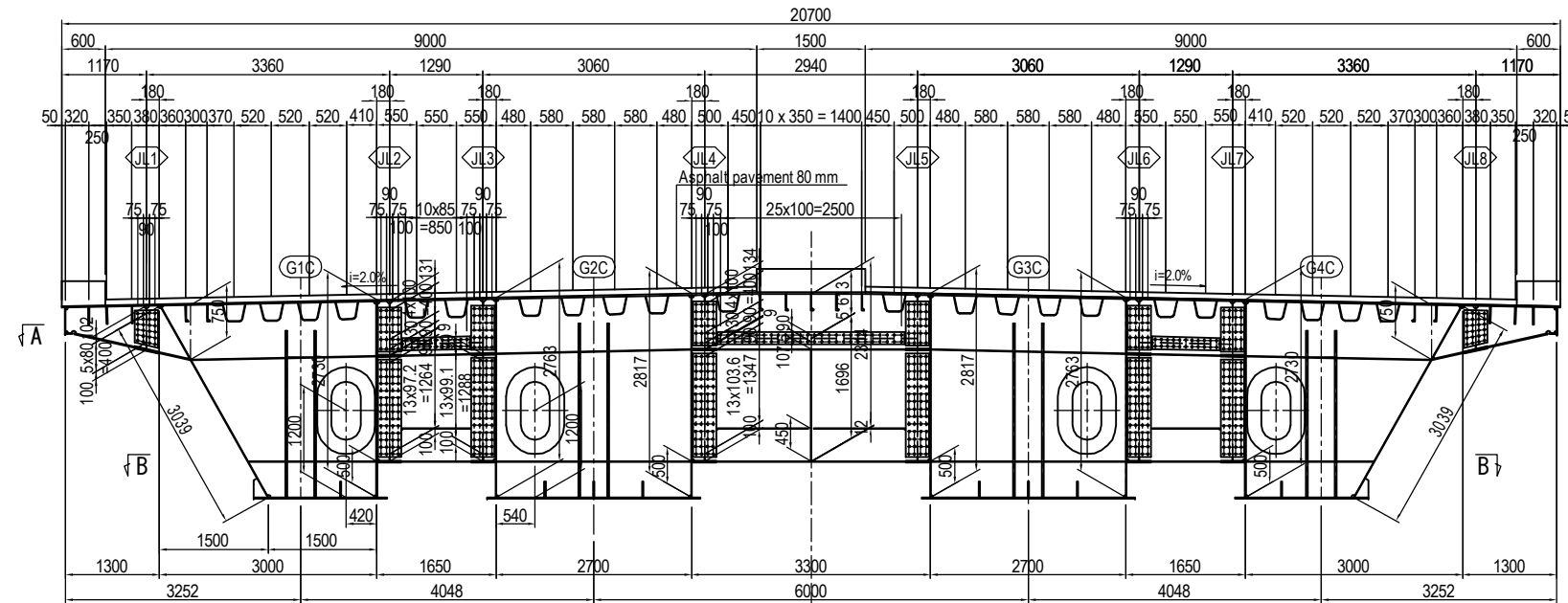
- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2709 x 19 x 2978 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2300 (SM490YB)

- 1 - WEB PL 2213 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1638 x 9 x 1285 (SM400A)
- 1 - WEB PL 2242 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1343 (SS400)
- 2 - SPL PL 320 x 9 x 1368 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2796 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2400 (SM490YB)

- 1 - WEB PL 2300 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 2935 (SM400A)
- 1 - WEB PL 1696 x 9 x 2935 (SM400A)
- 1 - WEB PL 2300 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 1250 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1537 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1427 (SS400)
- 2 - SPL PL 170 x 9 x 2580 (SS400)
- 212 - TCB M22 x 65 (S10T)

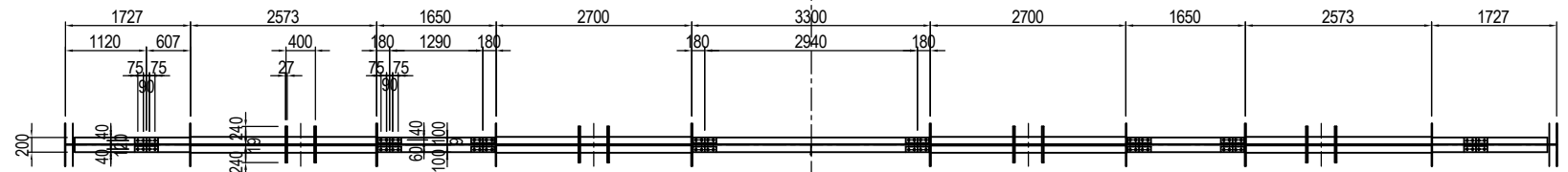


- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

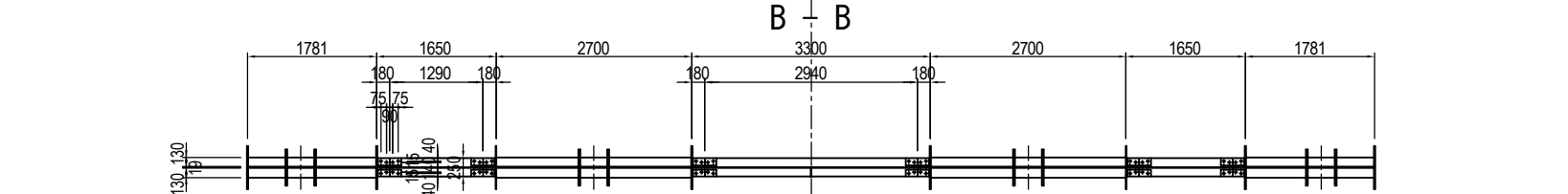
- 1 - DIA PL 2709 x 19 x 2978 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2300 (SM490YB)

- 1 - WEB PL 2213 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1638 x 9 x 1285 (SM400A)
- 1 - WEB PL 2242 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1343 (SS400)
- 2 - SPL PL 320 x 9 x 1368 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2796 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2400 (SM490YB)

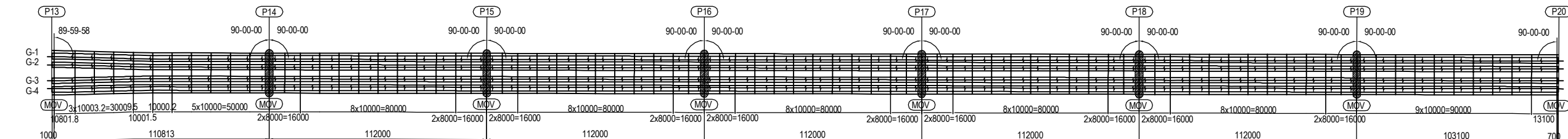


- 2 - PL 100 x 9 x 1306 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 2935 (SM400A)
- 2 - PL 100 x 9 x 169 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 16 - TCB M22 x 65 (S10T)
- 16 - TCB M22 x 65 (S10T)
- 16 - TCB M22 x 65 (S10T)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 618 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)
- 2 - PL 100 x 9 x 1306 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 2935 (SM400A)
- 2 - PL 100 x 9 x 169 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 618 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)



- 2 - PL 130 x 12 x 514 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)
- 4 - PL 130 x 12 x 1132 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 4 - PL 130 x 12 x 1132 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)
- 1 - FLG PL 250 x 12 x 169 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 1 - FLG PL 250 x 12 x 2935 (SM400A)
- 1 - FLG PL 250 x 12 x 169 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 1 - FLG PL 250 x 12 x 169 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 130 x 12 x 514 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	S. IMADA	SIGNATURE		DATE	15 Jun.2017	DRAWING TITLE DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER (4)	PACKAGE	2
				PREPARED BY	T. HAYAKAWA	CHECKED BY		DATE	20 Jun.2017		DWG No.	P2-SB-1314
				APPROVED BY	Y. SANO		DATE	21 Jun.2017				

# DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER(5) (P18) S=1:100

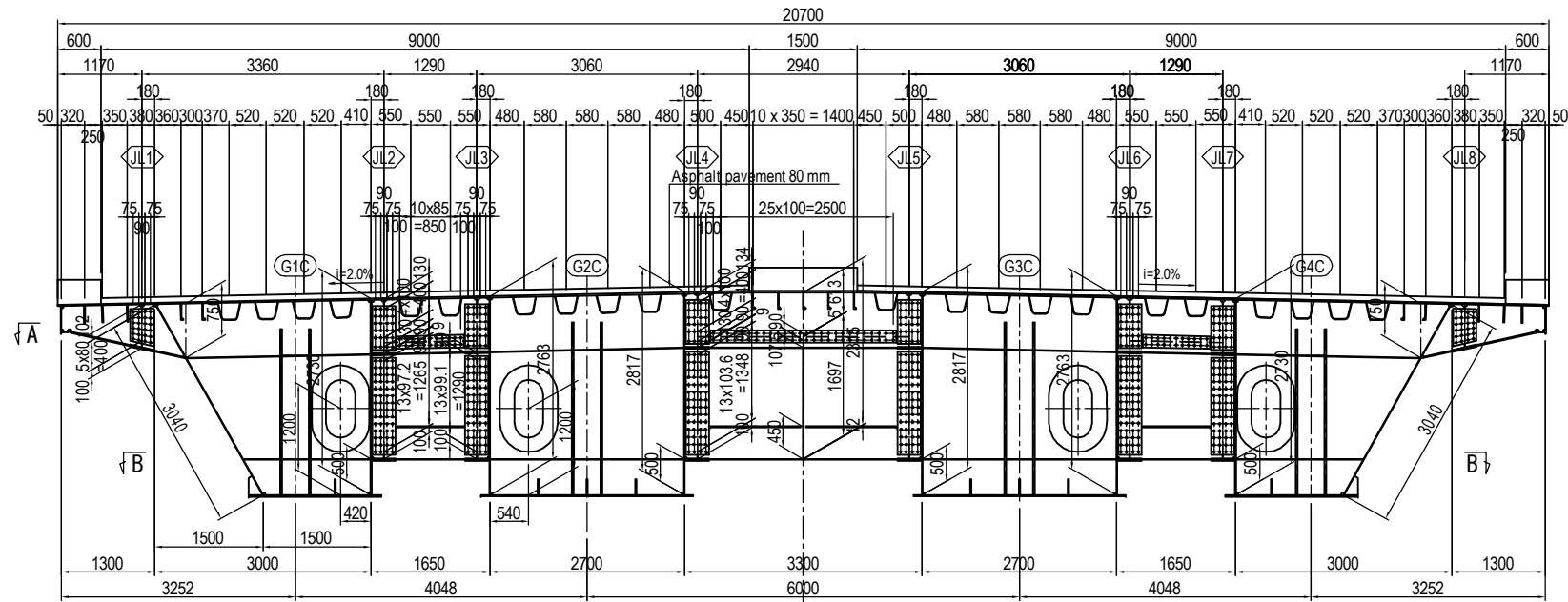
- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2710 x 19 x 2978 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2300 (SM490YB)

- 1 - WEB PL 2214 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1639 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1345 (SS400)
- 2 - SPL PL 320 x 9 x 1370 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2797 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2400 (SM490YB)

- 1 - WEB PL 2301 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 2935 (SM400A)
- 1 - WEB PL 1697 x 9 x 2935 (SM400A)
- 1 - WEB PL 2301 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 1250 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1538 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1428 (SS400)
- 2 - SPL PL 170 x 9 x 2580 (SS400)
- 212 - TCB M22 x 65 (S10T)

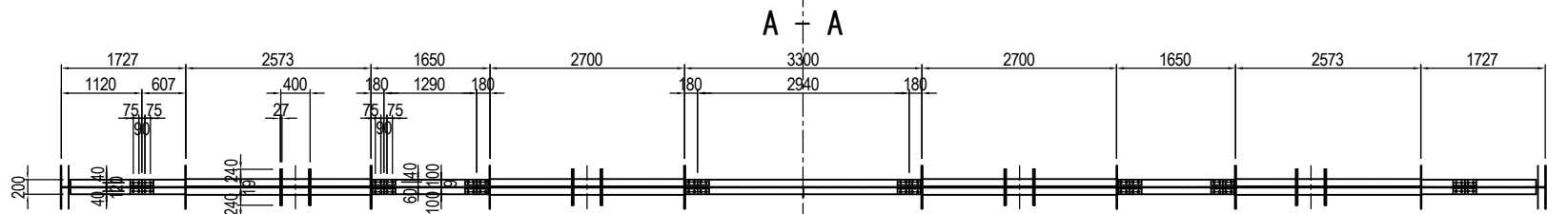


- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 597 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

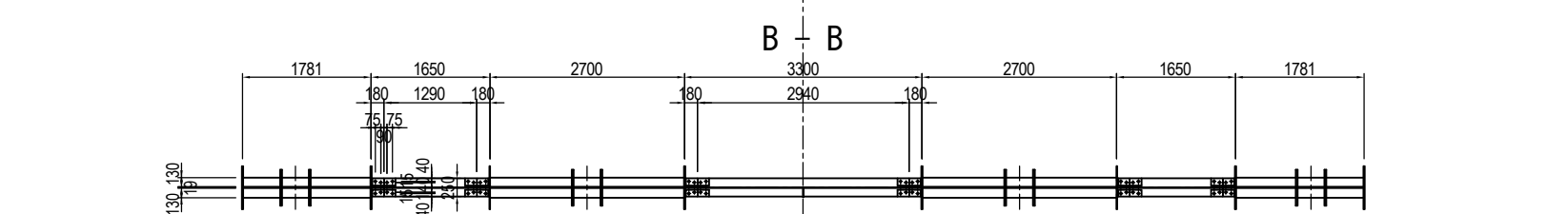
- 1 - DIA PL 2710 x 19 x 2978 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2300 (SM490YB)

- 1 - WEB PL 2214 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1639 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1345 (SS400)
- 2 - SPL PL 320 x 9 x 1370 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2797 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 240 x 27 x 2400 (SM490YB)

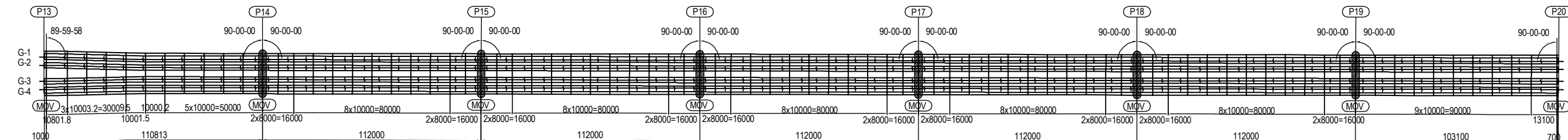


- 2 - PL 100 x 9 x 1306 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 4 - PL 100 x 9 x 1132 (SM400A)
- 2 - PL 100 x 9 x 373 (SM400A)
- 2 - PL 100 x 9 x 829 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 2935 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 100 x 9 x 169 (SM400A)
- 2 - PL 100 x 9 x 1285 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 100 x 9 x 169 (SM400A)
- 2 - PL 100 x 9 x 1285 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 2 - PL 100 x 9 x 170 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 618 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 618 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)



- 2 - PL 130 x 12 x 514 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)
- 4 - PL 130 x 12 x 1132 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 4 - PL 130 x 12 x 1132 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 514 (SM400A)
- 2 - PL 130 x 12 x 373 (SM400A)
- 2 - PL 130 x 12 x 829 (SM400A)
- 1 - FLG PL 250 x 12 x 169 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 1 - FLG PL 250 x 12 x 2935 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 1 - FLG PL 250 x 12 x 169 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER (5)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO		21 Jun.2017	P2-SB-1315	

# DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER(6) (P19) S=1:100

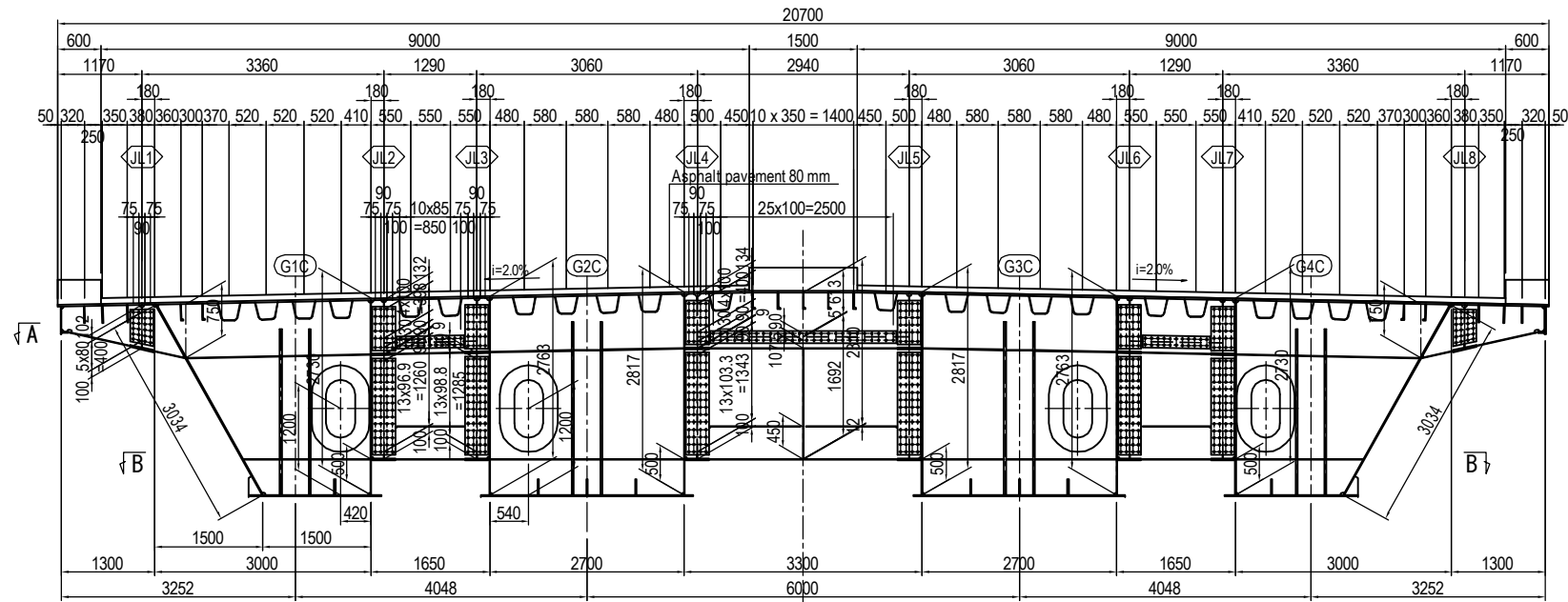
- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 599 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2703 x 19 x 2974 (SM490YB)
- 4 - VSTIFF PL 270 x 30 x 2300 (SM490YB)

- 1 - WEB PL 2209 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1634 x 9 x 1285 (SM400A)
- 1 - WEB PL 2238 x 9 x 170 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1340 (SS400)
- 2 - SPL PL 320 x 9 x 1365 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2792 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 270 x 30 x 2400 (SM490YB)

- 1 - WEB PL 2296 x 9 x 170 (SM400A)
- 1 - WEB PL 613 x 9 x 2935 (SM400A)
- 1 - WEB PL 1692 x 9 x 2935 (SM400A)
- 1 - WEB PL 2296 x 9 x 170 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 1250 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1533 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1423 (SS400)
- 2 - SPL PL 170 x 9 x 2580 (SS400)
- 212 - TCB M22 x 65 (S10T)

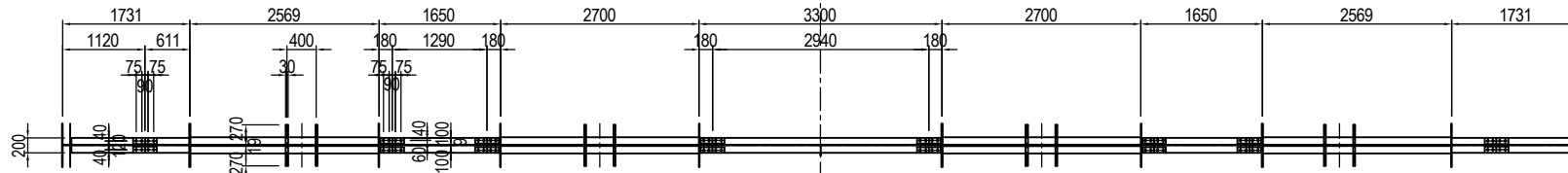


- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 599 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

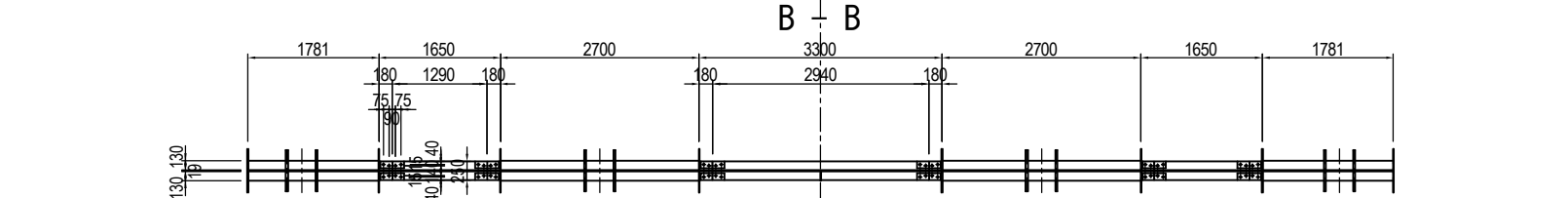
- 1 - DIA PL 2703 x 19 x 2974 (SM490YB)
- 4 - VSTIFF PL 270 x 30 x 2300 (SM490YB)

- 1 - WEB PL 2209 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1634 x 9 x 1285 (SM400A)
- 1 - WEB PL 2238 x 9 x 170 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1340 (SS400)
- 2 - SPL PL 320 x 9 x 1365 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2792 x 19 x 2690 (SM490YB)
- 4 - VSTIFF PL 270 x 30 x 2400 (SM490YB)

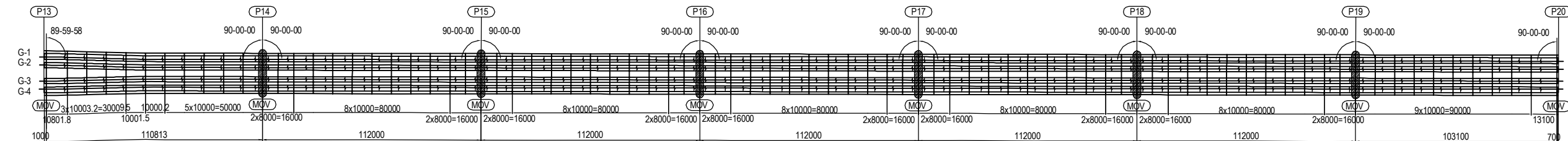


- 2 - PL 100 x 9 x 1301 (SM400A)
- 2 - PL 100 x 9 x 370 (SM400A)
- 2 - PL 100 x 9 x 828 (SM400A)
- 4 - PL 100 x 9 x 1130 (SM400A)
- 2 - PL 100 x 9 x 370 (SM400A)
- 2 - PL 100 x 9 x 828 (SM400A)
- 4 - PL 100 x 9 x 1130 (SM400A)
- 2 - PL 100 x 9 x 370 (SM400A)
- 2 - PL 100 x 9 x 828 (SM400A)
- 2 - PL 100 x 9 x 1301 (SM400A)
- 2 - PL 100 x 9 x 370 (SM400A)
- 2 - PL 100 x 9 x 828 (SM400A)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 620 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)



- 2 - PL 130 x 12 x 513 (SM400A)
- 2 - PL 130 x 12 x 370 (SM400A)
- 2 - PL 130 x 12 x 828 (SM400A)
- 4 - PL 130 x 12 x 1130 (SM400A)
- 2 - PL 130 x 12 x 370 (SM400A)
- 2 - PL 130 x 12 x 828 (SM400A)
- 1 - FLG PL 250 x 12 x 171 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 170 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT		FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY		COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE		JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.		NAME PREPARED BY S. IMADA			SIGNATURE 			DATE 15 Jun.2017			DRAWING TITLE DETAIL OF MEDIAN SUPPORT DIAPHRAGM AND CROSS GIRDER (6)			PACKAGE 2 DWG No. P2-SB-1316		
CHECKED BY T. HAYAKAWA		APPROVED BY Y. SANO		DATE 20 Jun.2017			DATE 21 Jun.2017															



# DETAIL OF CROSS GIRDER (1) (C1) S=1:100

- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2714 x 9 x 2980 (SM400A)
- 2 - PL 200 x 9 x 1425 (SM400A)
- 2 - PL 200 x 9 x 1446 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 9 x 2690 (SM400A)
- 2 - PL 200 x 9 x 1505 (SM400A)
- 2 - PL 200 x 9 x 1526 (SM400A)

- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 4782 (SM400A)
- 1 - WEB PL 1701 x 9 x 4782 (SM400A)
- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 2174 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1542 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1432 (SS400)
- 2 - SPL PL 170 x 9 x 4427 (SS400)
- 254 - TCB M22 x 65 (S10T)

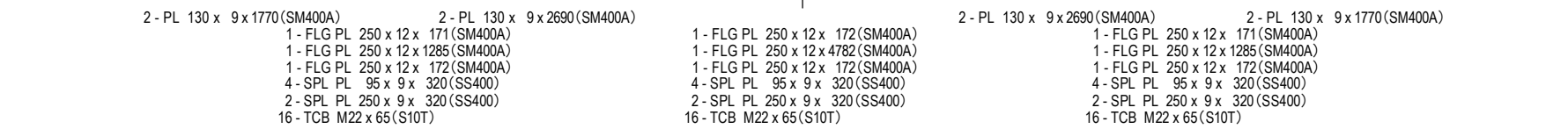
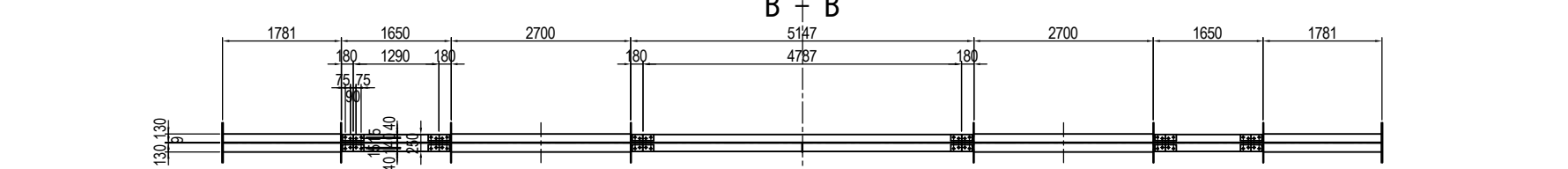
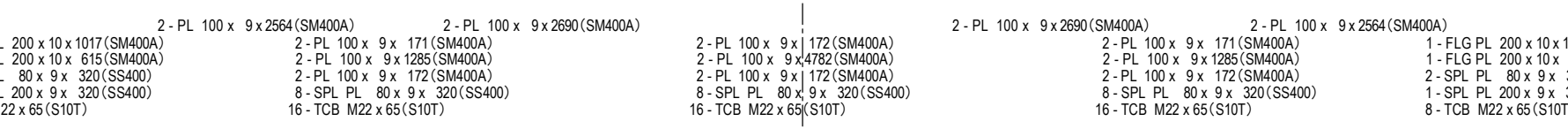
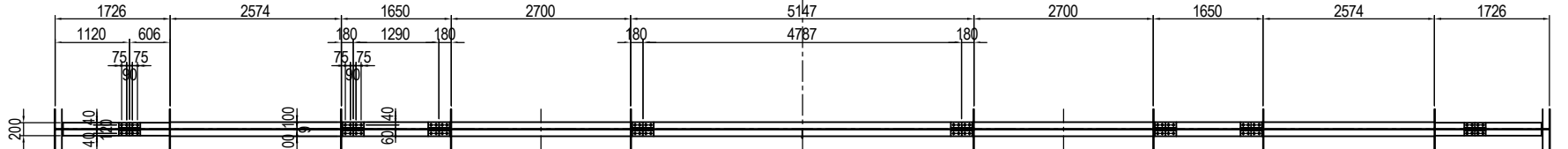
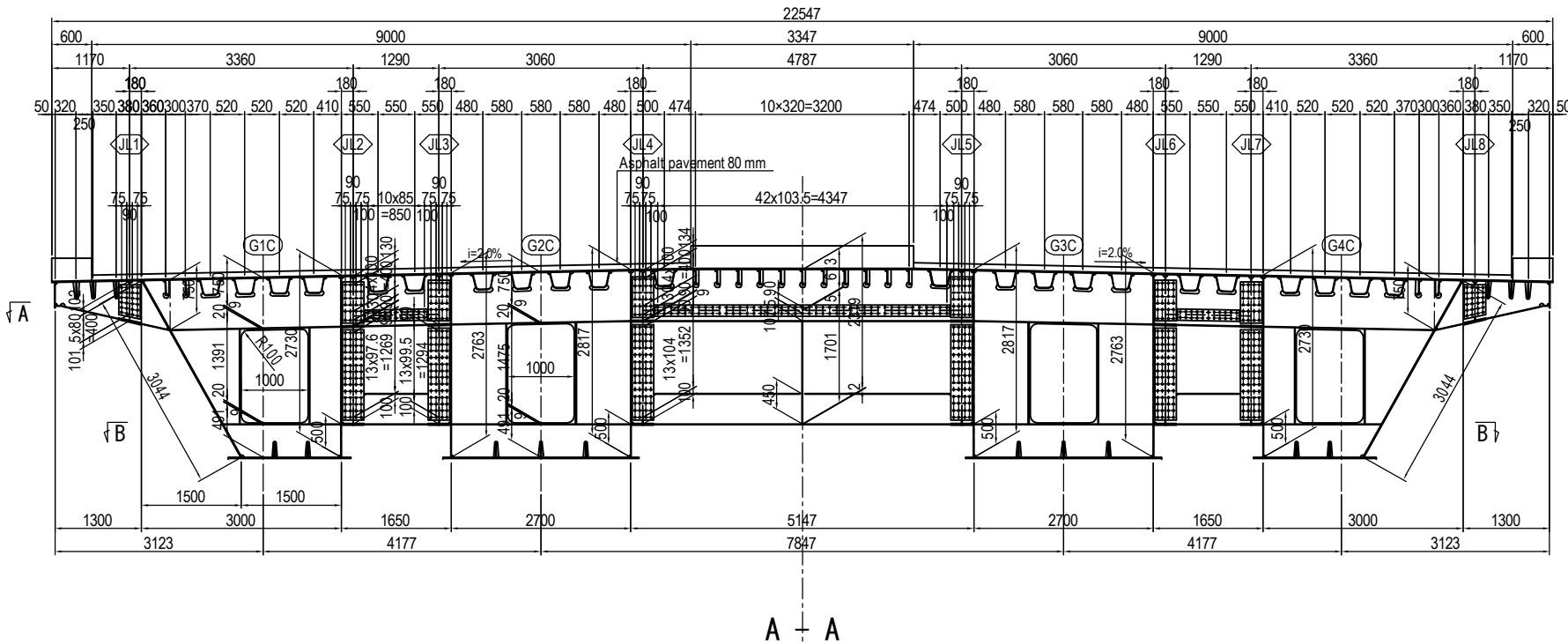
- 2 - PL 100 x 9 x 2564 (SM400A)
- 2 - PL 100 x 9 x 2690 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 4782 (SM400A)
- 2 - PL 100 x 9 x 2690 (SM400A)
- 2 - PL 100 x 9 x 2564 (SM400A)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 2 - PL 100 x 9 x 171 (SM400A)
- 2 - PL 100 x 9 x 1285 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 171 (SM400A)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 615 (SM400A)
- 2 - PL 100 x 9 x 320 (SS400)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 16 - TCB M22 x 65 (S10T)
- 16 - TCB M22 x 65 (S10T)
- 16 - TCB M22 x 65 (S10T)

- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

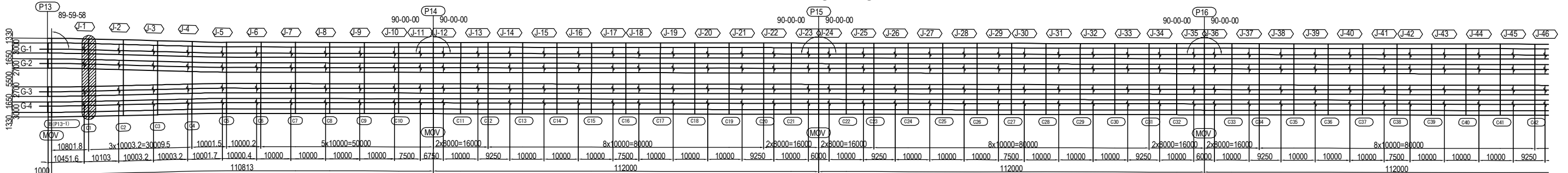
- 1 - DIA PL 2714 x 9 x 2980 (SM400A)
- 2 - PL 200 x 9 x 1425 (SM400A)
- 2 - PL 200 x 9 x 1446 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 9 x 2690 (SM400A)
- 2 - PL 200 x 9 x 1505 (SM400A)
- 2 - PL 200 x 9 x 1526 (SM400A)



## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF CROSS GIRDER (1)	PACKAGE 2 DWG No. P2-SB-1321
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# DETAIL OF CROSS GIRDER (2) (C2) S=1:100

- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2714 x 9 x 2980 (SM400A)
- 2 - PL 200 x 9 x 1425 (SM400A)
- 2 - PL 200 x 9 x 1446 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 9 x 2690 (SM400A)
- 2 - PL 200 x 9 x 1505 (SM400A)
- 2 - PL 200 x 9 x 1526 (SM400A)

- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 4280 (SM400A)
- 1 - WEB PL 1701 x 9 x 4280 (SM400A)
- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 2174 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1542 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1432 (SS400)
- 2 - SPL PL 170 x 9 x 2825 (SS400)
- 242 - TCB M22 x 65 (S10T)

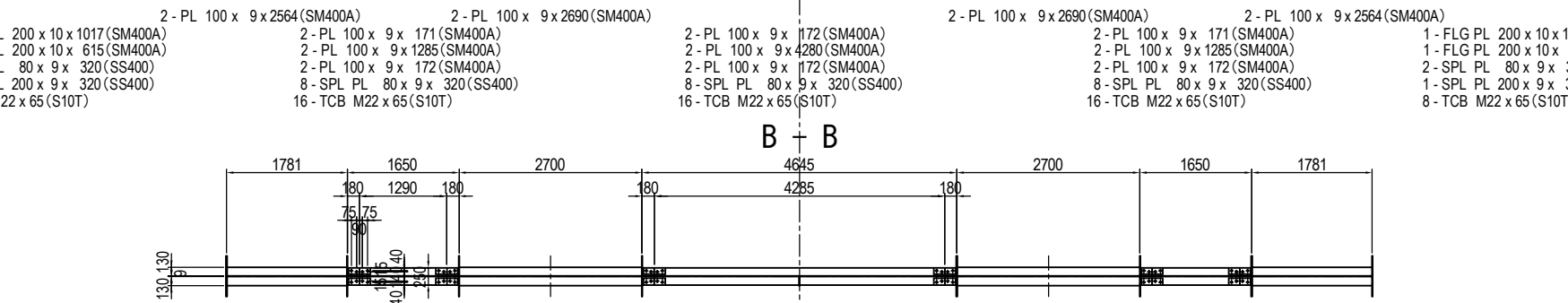
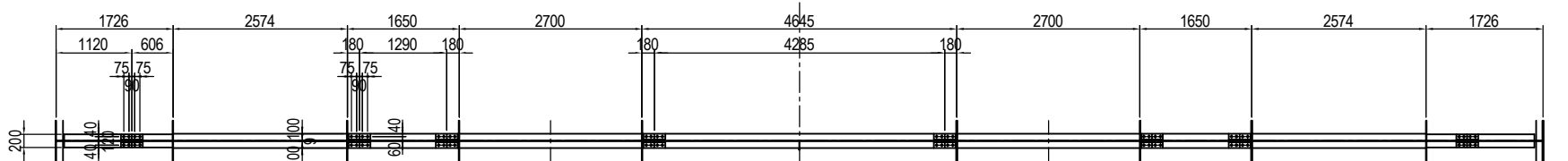
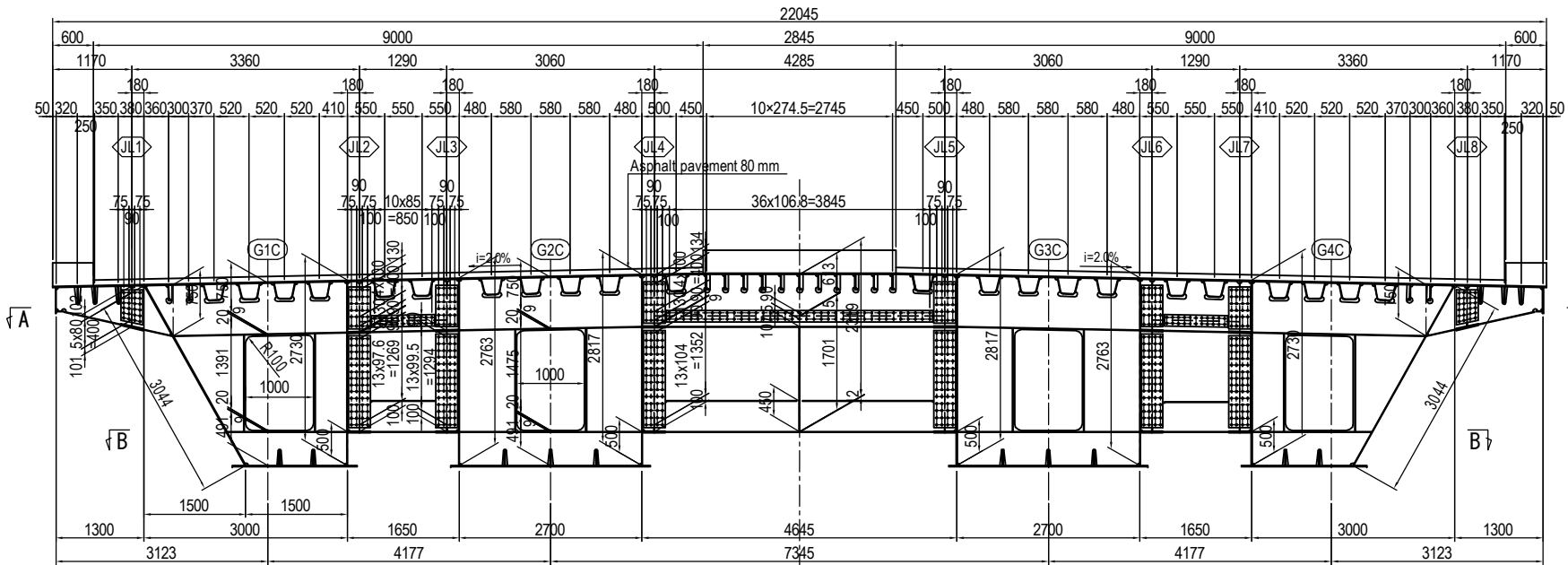
- 2 - PL 100 x 9 x 2564 (SM400A)
- 2 - PL 100 x 9 x 2690 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 4280 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 100 x 9 x 2690 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 1285 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 100 x 9 x 2564 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 2 - PL 100 x 9 x 1285 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 8 - SPL PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 615 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)

- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

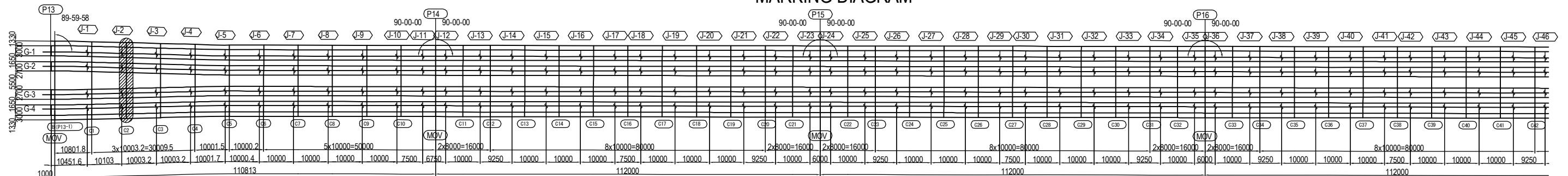
- 1 - DIA PL 2714 x 9 x 2980 (SM400A)
- 2 - PL 200 x 9 x 1425 (SM400A)
- 2 - PL 200 x 9 x 1446 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 9 x 2690 (SM400A)
- 2 - PL 200 x 9 x 1505 (SM400A)
- 2 - PL 200 x 9 x 1526 (SM400A)



## MARKING DIAGRAM

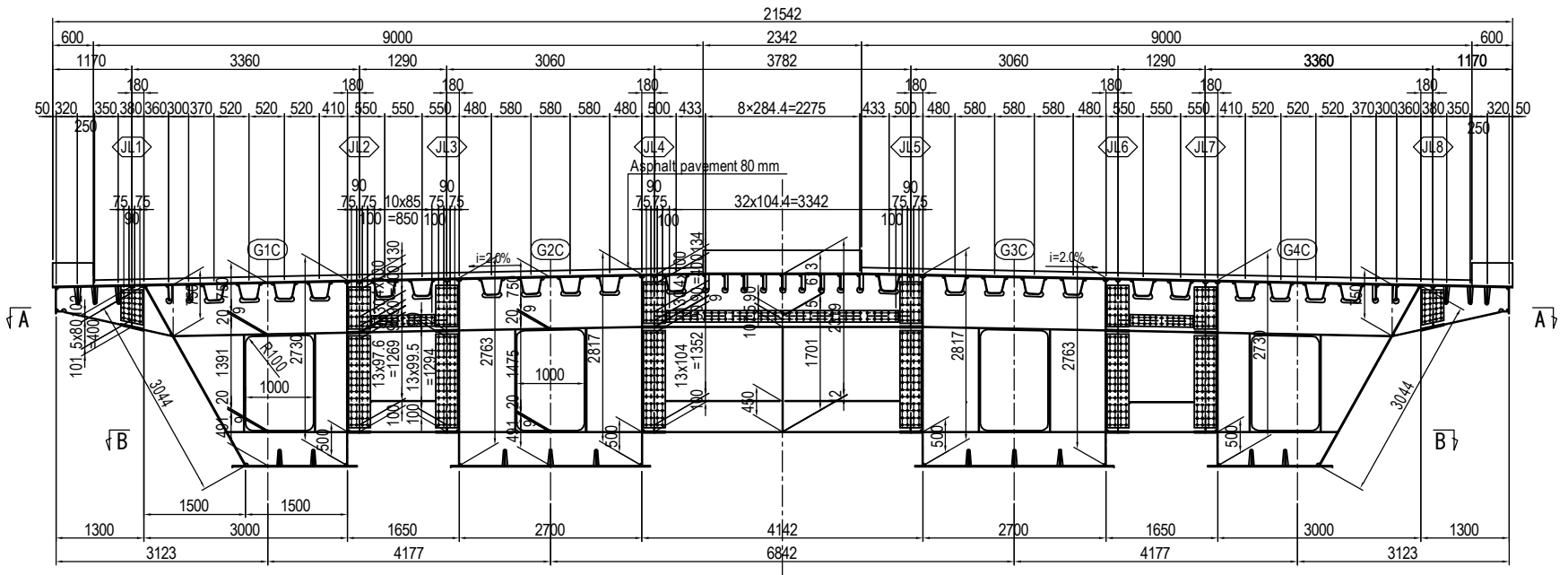


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF CROSS GIRDER (2)	PACKAGE 2 DWG No. P2-SB-1322
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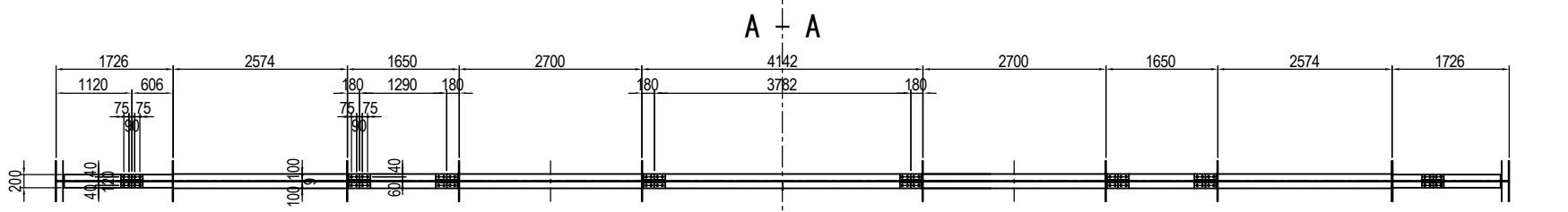
# DETAIL OF CROSS GIRDER (3) (C3) S=1:100

- 1 - WEB PL 602 x 9 x 1113(SM400A)
- 1 - WEB PL 739 x 9 x 594(SM400A)
- 2 - SPL PL 320 x 9 x 520(SS400)
- 24 - TCB M22 x 65(S10T)
  
- 1 - DIA PL 2714 x 9 x 2980(SM400A)
- 2 - PL 200 x 9 x 1425(SM400A)
- 2 - PL 200 x 9 x 1446(SM400A)
  
- 1 - WEB PL 2218 x 9 x 171(SM400A)
- 1 - WEB PL 621 x 9 x 1285(SM400A)
- 1 - WEB PL 1643 x 9 x 1285(SM400A)
- 1 - WEB PL 2243 x 9 x 172(SM400A)
- 1 - HSTIFF PL 140 x 11 x 930(SM400A)
- 4 - SPL PL 320 x 9 x 610(SS400)
- 2 - SPL PL 320 x 9 x 1349(SS400)
- 2 - SPL PL 320 x 9 x 1374(SS400)
- 2 - SPL PL 170 x 9 x 934(SS400)
- 182 - TCB M22 x 65(S10T)
  
- 1 - DIA PL 2801 x 9 x 2690(SM400A)
- 2 - PL 200 x 9 x 1505(SM400A)
- 2 - PL 200 x 9 x 1526(SM400A)

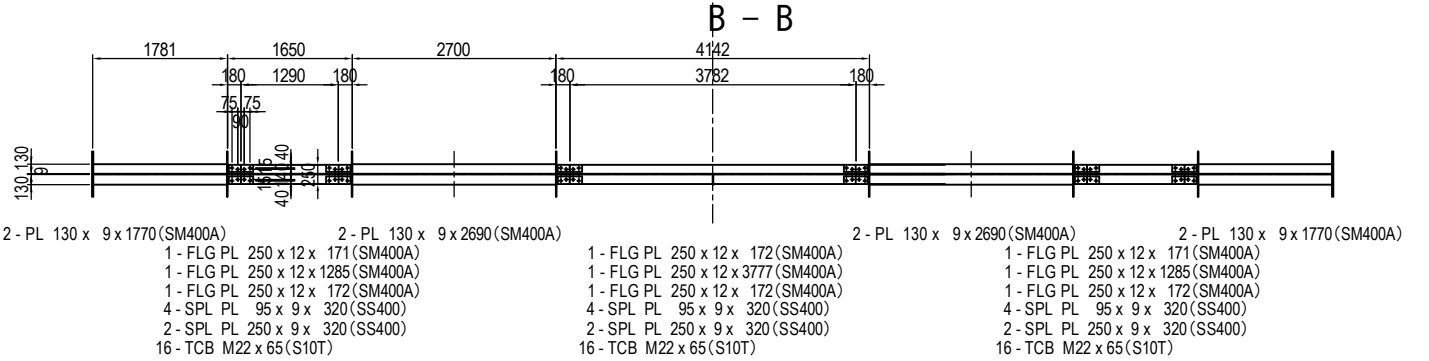
- 1 - WEB PL 602 x 9 x 1113(SM400A)
- 1 - WEB PL 739 x 9 x 594(SM400A)
- 2 - SPL PL 320 x 9 x 520(SS400)
- 24 - TCB M22 x 65(S10T)
  
- 1 - DIA PL 2714 x 9 x 2980(SM400A)
- 2 - PL 200 x 9 x 1425(SM400A)
- 2 - PL 200 x 9 x 1446(SM400A)
  
- 1 - WEB PL 2218 x 9 x 171(SM400A)
- 1 - WEB PL 621 x 9 x 1285(SM400A)
- 1 - WEB PL 1643 x 9 x 1285(SM400A)
- 1 - WEB PL 2243 x 9 x 172(SM400A)
- 1 - HSTIFF PL 140 x 11 x 930(SM400A)
- 4 - SPL PL 320 x 9 x 610(SS400)
- 2 - SPL PL 320 x 9 x 1349(SS400)
- 2 - SPL PL 320 x 9 x 1374(SS400)
- 2 - SPL PL 170 x 9 x 934(SS400)
- 182 - TCB M22 x 65(S10T)
  
- 1 - DIA PL 2801 x 9 x 2690(SM400A)
- 2 - PL 200 x 9 x 1505(SM400A)
- 2 - PL 200 x 9 x 1526(SM400A)



- 1 - WEB PL 2305 x 9 x 172(SM400A)
- 1 - WEB PL 613 x 9 x 3777(SM400A)
- 1 - WEB PL 1701 x 9 x 3777(SM400A)
- 1 - WEB PL 2305 x 9 x 172(SM400A)
- 2 - HSTIFF PL 140 x 11 x 2174(SM400A)
- 1 - VSTIFF PL 130 x 11 x 1542(SM400A)
- 4 - SPL PL 320 x 9 x 610(SS400)
- 4 - SPL PL 320 x 9 x 1432(SS400)
- 2 - SPL PL 170 x 9 x 3422(SS400)
- 234 - TCB M22 x 65(S10T)

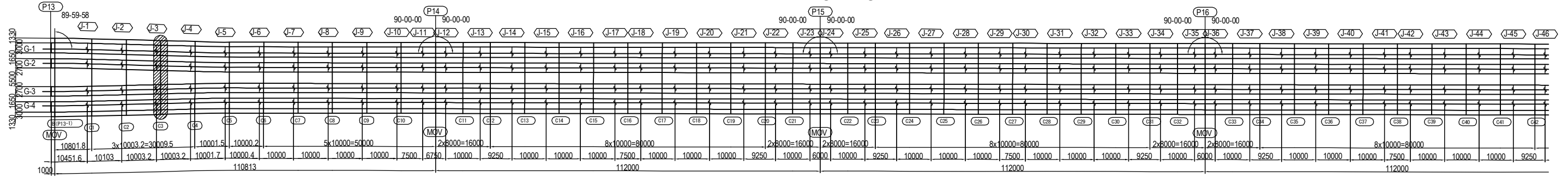


- 2 - PL 100 x 9 x 2564(SM400A)
- 2 - PL 100 x 9 x 2690(SM400A)
- 2 - PL 100 x 9 x 172(SM400A)
- 2 - PL 100 x 9 x 3777(SM400A)
- 2 - PL 100 x 9 x 172(SM400A)
- 8 - SPL PL 80 x 9 x 320(SS400)
- 16 - TCB M22 x 65(S10T)
- 2 - PL 100 x 9 x 2690(SM400A)
- 2 - PL 100 x 9 x 2564(SM400A)
- 2 - PL 100 x 9 x 171(SM400A)
- 2 - PL 100 x 9 x 1285(SM400A)
- 2 - PL 100 x 9 x 172(SM400A)
- 8 - SPL PL 80 x 9 x 320(SS400)
- 16 - TCB M22 x 65(S10T)
- 2 - PL 100 x 9 x 2690(SM400A)
- 2 - PL 100 x 9 x 2564(SM400A)
- 1 - FLG PL 200 x 10 x 1017(SM400A)
- 1 - FLG PL 200 x 10 x 615(SM400A)
- 2 - SPL PL 80 x 9 x 320(SS400)
- 1 - SPL PL 200 x 9 x 320(SS400)
- 8 - TCB M22 x 65(S10T)
- 2 - PL 100 x 9 x 171(SM400A)
- 2 - PL 100 x 9 x 1285(SM400A)
- 2 - PL 100 x 9 x 172(SM400A)
- 8 - SPL PL 80 x 9 x 320(SS400)
- 16 - TCB M22 x 65(S10T)
- 1 - FLG PL 200 x 10 x 1017(SM400A)
- 1 - FLG PL 200 x 10 x 615(SM400A)
- 2 - SPL PL 80 x 9 x 320(SS400)
- 1 - SPL PL 200 x 9 x 320(SS400)
- 8 - TCB M22 x 65(S10T)



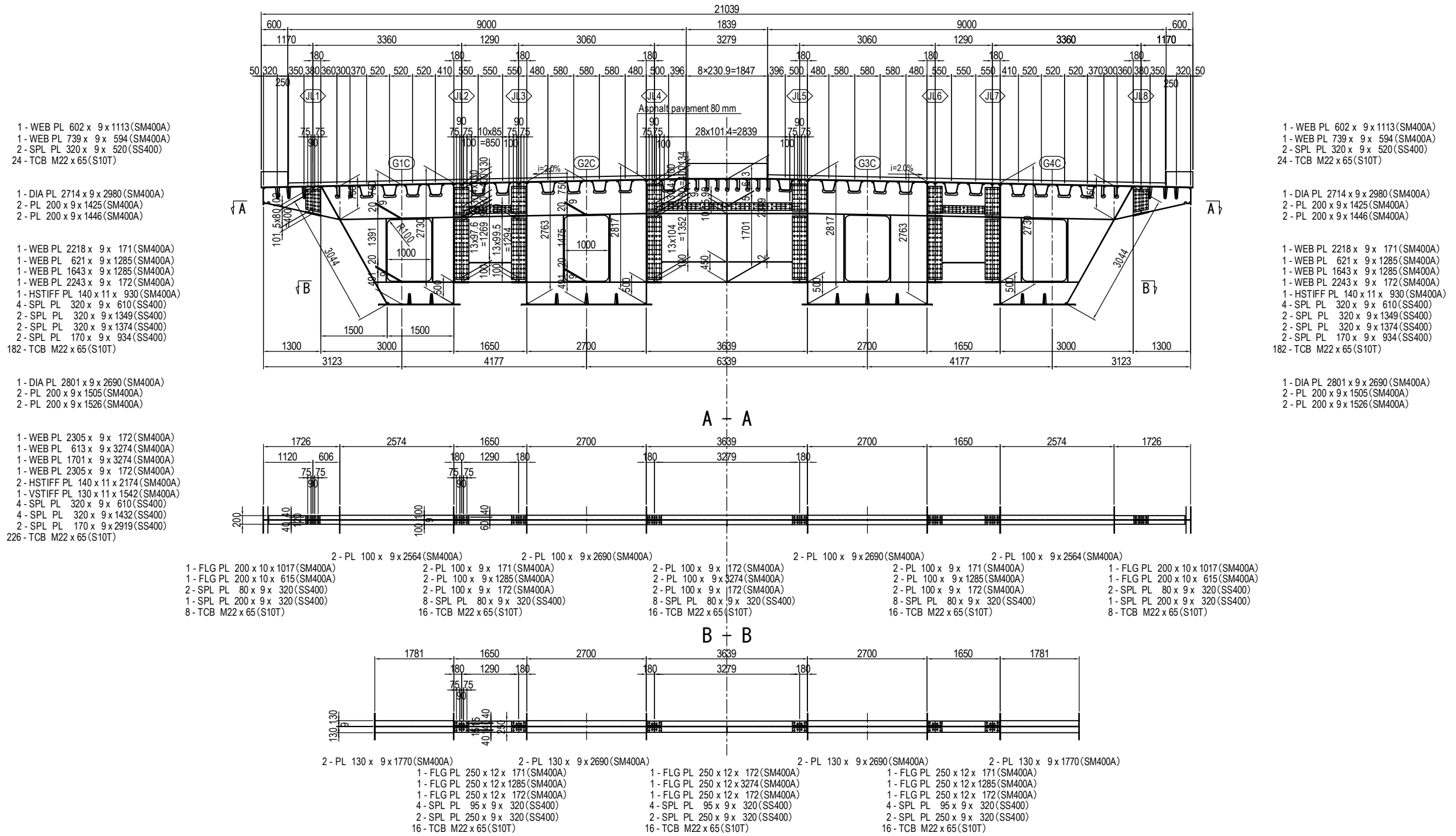
- 2 - PL 130 x 9 x 1770(SM400A)
- 2 - PL 130 x 9 x 2690(SM400A)
- 1 - FLG PL 250 x 12 x 171(SM400A)
- 1 - FLG PL 250 x 12 x 1285(SM400A)
- 1 - FLG PL 250 x 12 x 172(SM400A)
- 4 - SPL PL 95 x 9 x 320(SS400)
- 2 - SPL PL 250 x 9 x 320(SS400)
- 16 - TCB M22 x 65(S10T)
- 2 - PL 130 x 9 x 2690(SM400A)
- 2 - PL 130 x 9 x 1770(SM400A)
- 1 - FLG PL 250 x 12 x 171(SM400A)
- 1 - FLG PL 250 x 12 x 1285(SM400A)
- 1 - FLG PL 250 x 12 x 172(SM400A)
- 4 - SPL PL 95 x 9 x 320(SS400)
- 2 - SPL PL 250 x 9 x 320(SS400)
- 16 - TCB M22 x 65(S10T)
- 2 - PL 130 x 9 x 2690(SM400A)
- 2 - PL 130 x 9 x 1770(SM400A)
- 1 - FLG PL 250 x 12 x 171(SM400A)
- 1 - FLG PL 250 x 12 x 1285(SM400A)
- 1 - FLG PL 250 x 12 x 172(SM400A)
- 4 - SPL PL 95 x 9 x 320(SS400)
- 2 - SPL PL 250 x 9 x 320(SS400)
- 16 - TCB M22 x 65(S10T)

## MARKING DIAGRAM

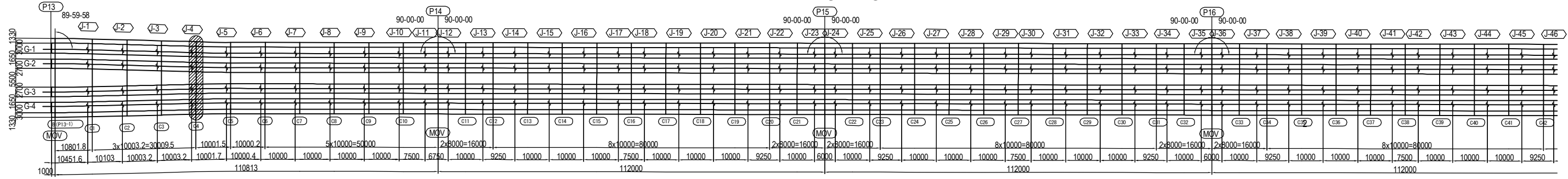


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO. LTD.	NAME S. IMADA SIGNATURE T. HAYAKAWA DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF CROSS GIRDER (3)	PACKAGE 2 DWG No. P2-SB-1323
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# DETAIL OF CROSS GIRDER (4) (C4) S=1:100



## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA SIGNATURE T. HAYAKAWA DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF CROSS GIRDER (4)	PACKAGE 2 DWG No. P2-SB-1324
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# DETAIL OF CROSS GIRDER (5) (C5-C74) S=1:100

- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2714 x 9 x 2980 (SM400A)
- 2 - PL 200 x 9 x 1425 (SM400A)
- 2 - PL 200 x 9 x 1446 (SM400A)

- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 9 x 2690 (SM400A)
- 2 - PL 200 x 9 x 1505 (SM400A)
- 2 - PL 200 x 9 x 1526 (SM400A)

- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 1 - WEB PL 613 x 9 x 2935 (SM400A)
- 1 - WEB PL 1701 x 9 x 2935 (SM400A)
- 1 - WEB PL 2305 x 9 x 172 (SM400A)
- 2 - HSTIFF PL 140 x 11 x 2174 (SM400A)
- 1 - VSTIFF PL 130 x 11 x 1542 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 4 - SPL PL 320 x 9 x 1432 (SS400)
- 2 - SPL PL 170 x 9 x 2580 (SS400)
- 218 - TCB M22 x 65 (S10T)

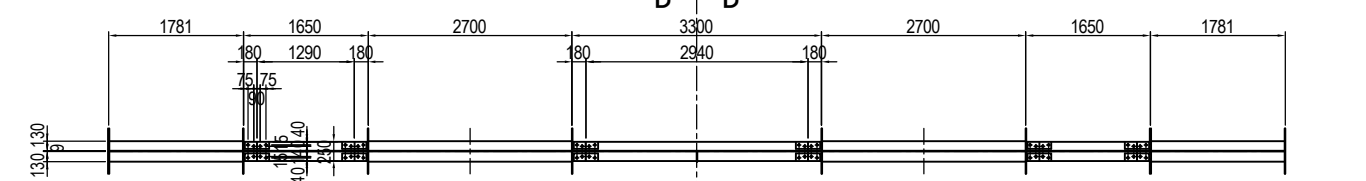
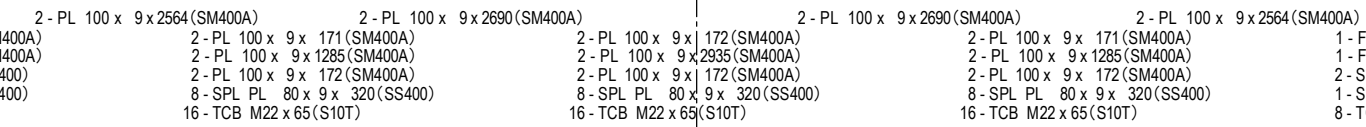
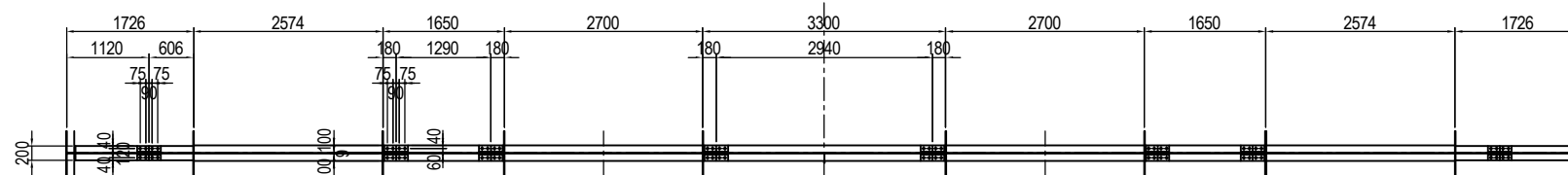
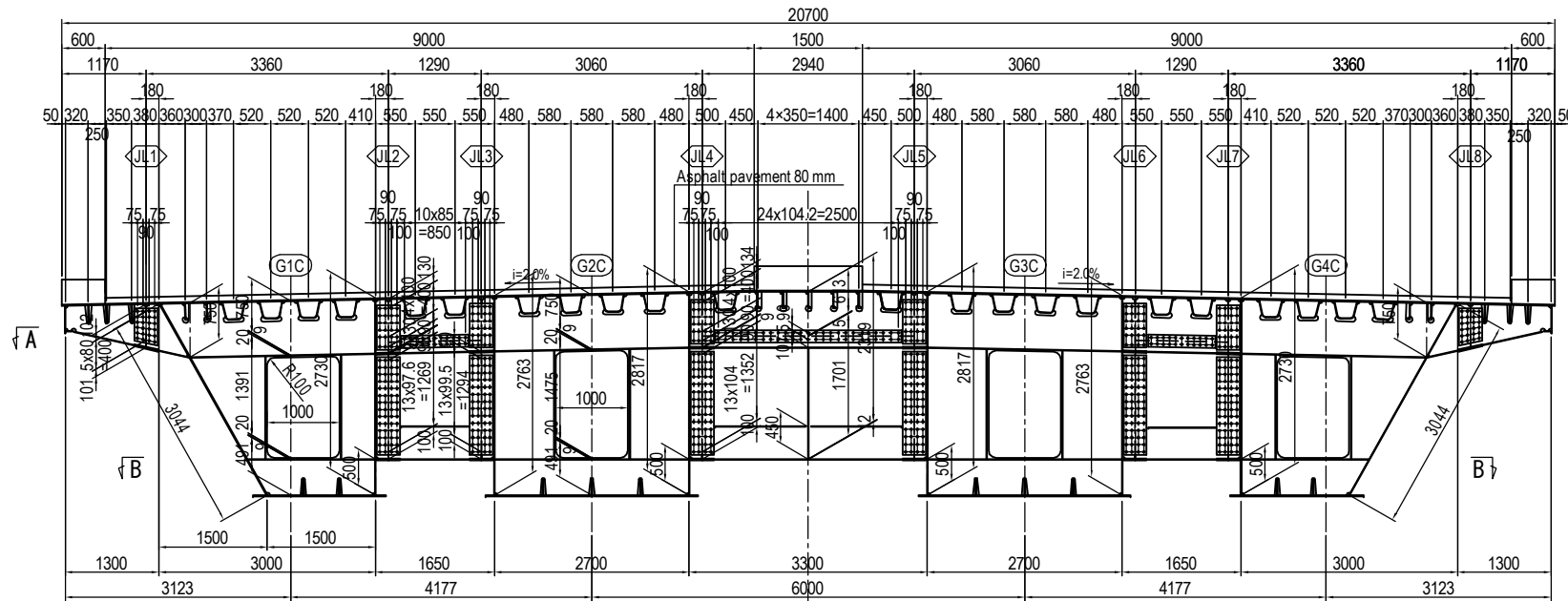
- 2 - PL 100 x 9 x 2564 (SM400A)
- 2 - PL 100 x 9 x 2690 (SM400A)
- 2 - PL 100 x 9 x 2690 (SM400A)
- 2 - PL 100 x 9 x 2564 (SM400A)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 615 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)
- 2 - PL 100 x 9 x 171 (SM400A)
- 2 - PL 100 x 9 x 1285 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 100 x 9 x 171 (SM400A)
- 2 - PL 100 x 9 x 2935 (SM400A)
- 2 - PL 100 x 9 x 172 (SM400A)
- 8 - SPL PL 80 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 1 - FLG PL 200 x 10 x 1017 (SM400A)
- 1 - FLG PL 200 x 10 x 615 (SM400A)
- 2 - SPL PL 80 x 9 x 320 (SS400)
- 1 - SPL PL 200 x 9 x 320 (SS400)
- 8 - TCB M22 x 65 (S10T)

- 1 - WEB PL 602 x 9 x 1113 (SM400A)
- 1 - WEB PL 739 x 9 x 594 (SM400A)
- 2 - SPL PL 320 x 9 x 520 (SS400)
- 24 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2714 x 9 x 2980 (SM400A)
- 2 - PL 200 x 9 x 1425 (SM400A)
- 2 - PL 200 x 9 x 1446 (SM400A)

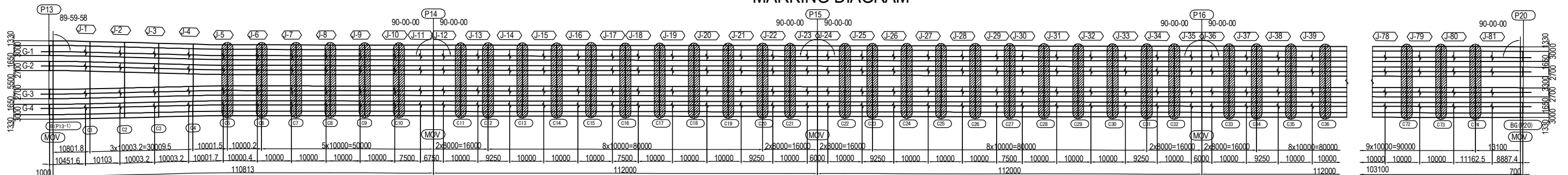
- 1 - WEB PL 2218 x 9 x 171 (SM400A)
- 1 - WEB PL 621 x 9 x 1285 (SM400A)
- 1 - WEB PL 1643 x 9 x 1285 (SM400A)
- 1 - WEB PL 2243 x 9 x 172 (SM400A)
- 1 - HSTIFF PL 140 x 11 x 930 (SM400A)
- 4 - SPL PL 320 x 9 x 610 (SS400)
- 2 - SPL PL 320 x 9 x 1349 (SS400)
- 2 - SPL PL 320 x 9 x 1374 (SS400)
- 2 - SPL PL 170 x 9 x 934 (SS400)
- 182 - TCB M22 x 65 (S10T)

- 1 - DIA PL 2801 x 9 x 2690 (SM400A)
- 2 - PL 200 x 9 x 1505 (SM400A)
- 2 - PL 200 x 9 x 1526 (SM400A)



- 2 - PL 130 x 9 x 1770 (SM400A)
- 1 - FLG PL 250 x 12 x 171 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 172 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 130 x 9 x 2690 (SM400A)
- 1 - FLG PL 250 x 12 x 172 (SM400A)
- 1 - FLG PL 250 x 12 x 2935 (SM400A)
- 1 - FLG PL 250 x 12 x 172 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 130 x 9 x 2690 (SM400A)
- 1 - FLG PL 250 x 12 x 171 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 172 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)
- 2 - PL 130 x 9 x 1770 (SM400A)
- 1 - FLG PL 250 x 12 x 171 (SM400A)
- 1 - FLG PL 250 x 12 x 1285 (SM400A)
- 1 - FLG PL 250 x 12 x 172 (SM400A)
- 4 - SPL PL 95 x 9 x 320 (SS400)
- 2 - SPL PL 250 x 9 x 320 (SS400)
- 16 - TCB M22 x 65 (S10T)

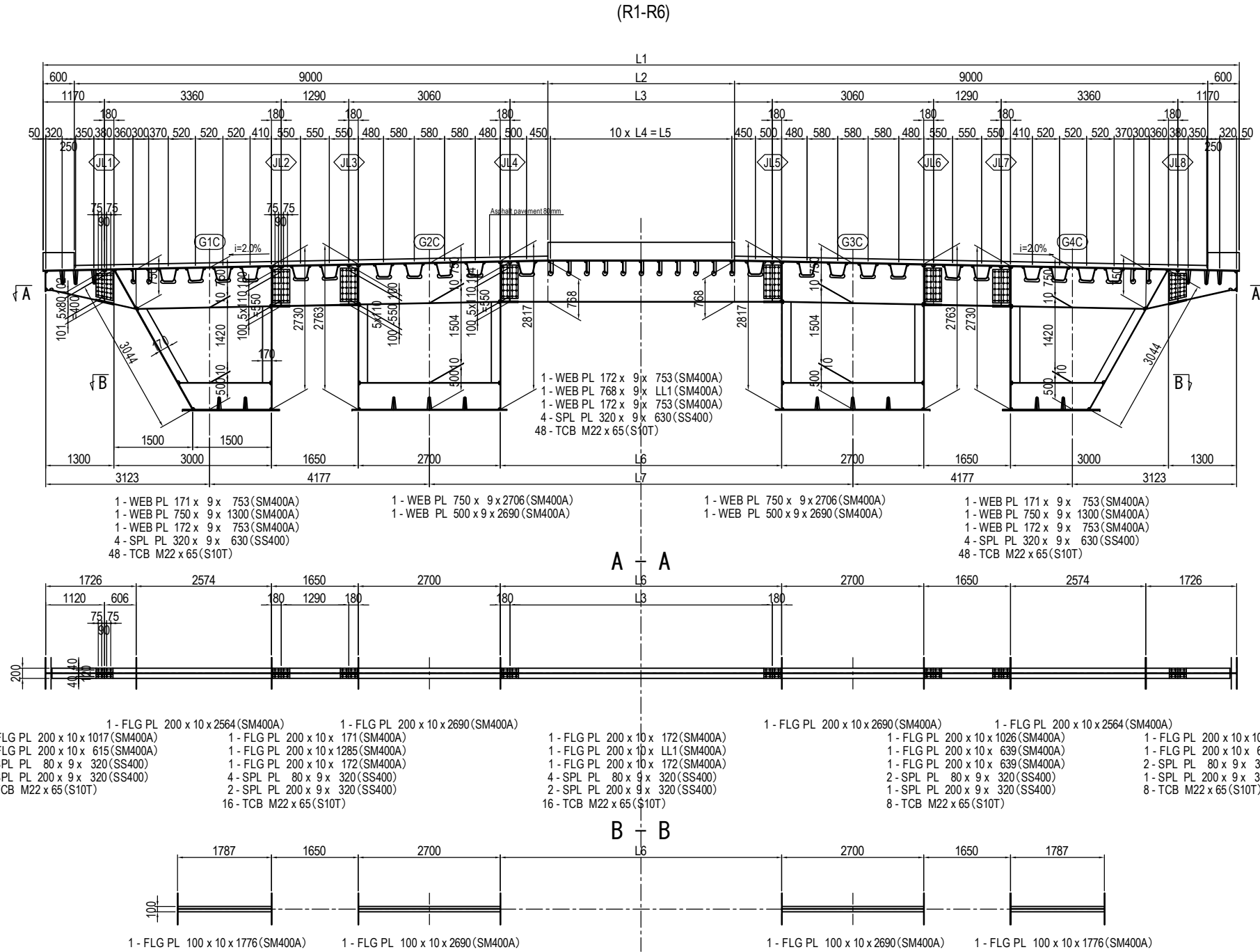
## MARKING DIAGRAM



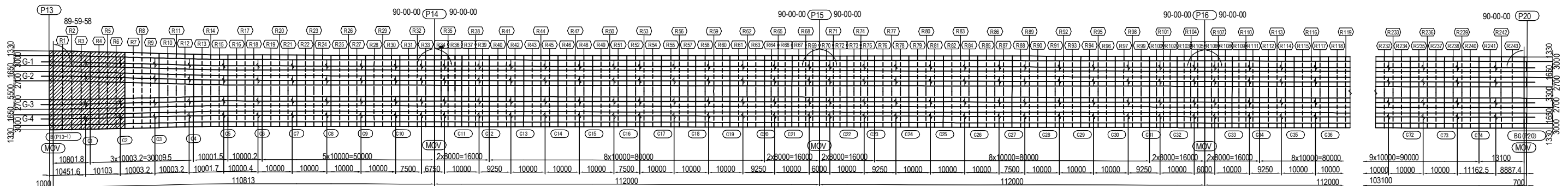
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF CROSS GIRDER (5)	PACKAGE 2
				CHECKED BY T. HAYAKAWA		20 Jun.2017		DWG No.
				APPROVED BY Y. SANO		21 Jun.2017		P2-SB-1325

# DETAIL OF CORSS BEAM SECTION (1), BRACKET S=1:100

	L1	L2	L3	L4	L5	L6	L7	LL1
R1	22876	3676	5116	357.6	3576	5476	8176	5111
R2	22803	3603	5043	350.3	3503	5403	8103	5038
R3	22683	3483	4923	338.3	3383	5283	7983	4918
R4	22422	3222	4662	312.2	3122	5022	7722	4657
R5	22296	3096	4536	299.6	2996	4896	7596	4531
R6	22170	2970	4410	287.0	2870	4770	7470	4405



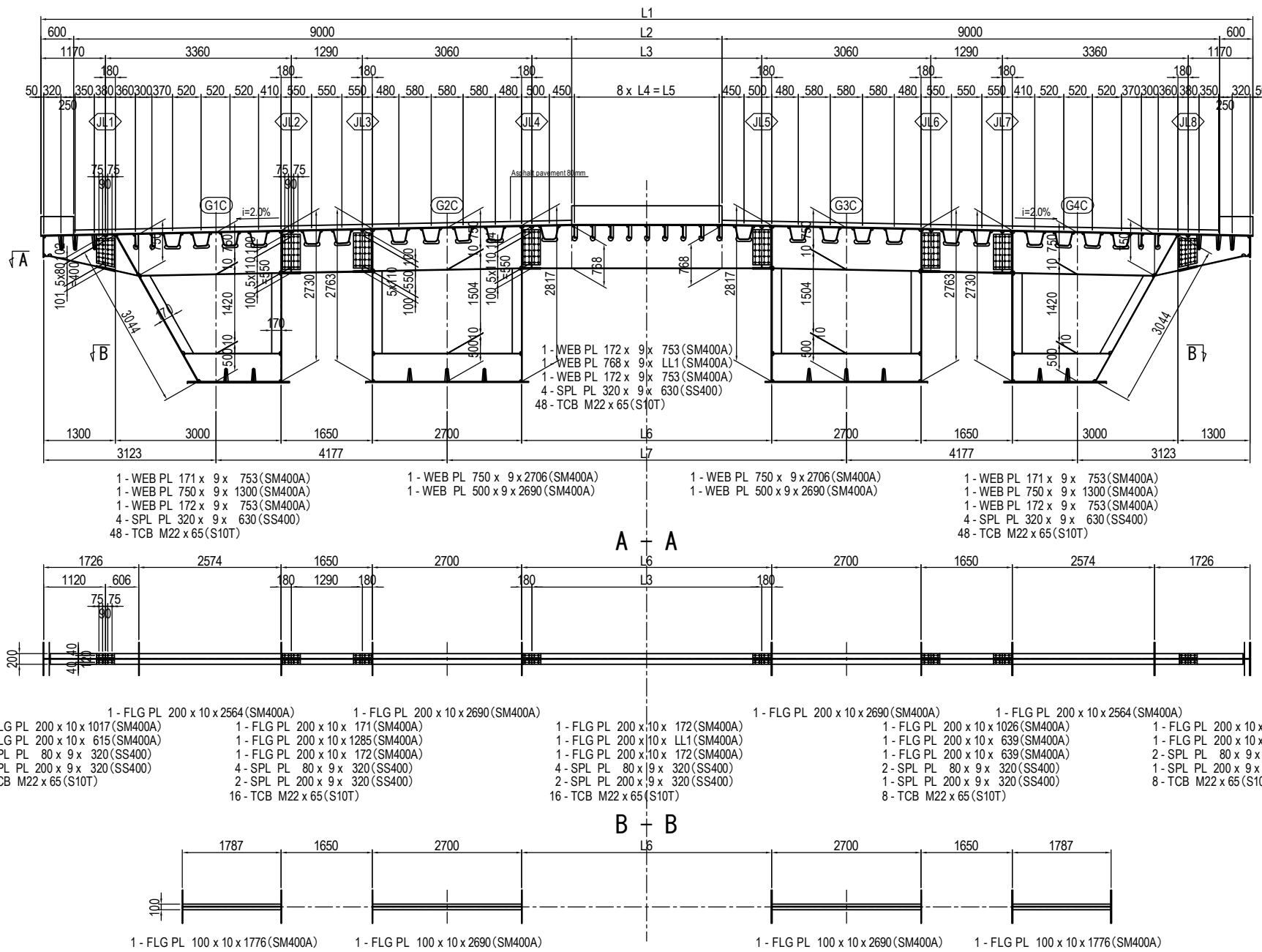
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF CORSS BEAM SECTION (1)	PACKAGE 2 DWG No. P2-SB-1331
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# DETAIL OF CORSS BEAM SECTION (2), BRACKET S=1:100

(R7-R10)



	L1	L2	L3	L4	L5	L6	L7	LL1
R7	21919	2719	4159	327.4	2619	4519	7219	4154
R8	21793	2593	4033	311.6	2493	4393	7093	4028
R9	21668	2468	3908	296.0	2368	4268	6968	3903
R10	21416	2216	3656	264.5	2116	4016	6716	3651

1 - WEB PL 602 x 9 x 1113 (SM400A)  
 1 - WEB PL 739 x 9 x 594 (SM400A)  
 2 - SPL PL 320 x 9 x 520 (SS400)  
 24 - TCB M22 x 65 (S10T)

1 - WEB PL 602 x 9 x 1113 (SM400A)  
 1 - WEB PL 739 x 9 x 594 (SM400A)  
 2 - SPL PL 320 x 9 x 520 (SS400)  
 24 - TCB M22 x 65 (S10T)

1 - WEB PL 750 x 9 x 2981 (SM400A)  
 1 - WEB PL 500 x 9 x 1770 (SM400A)

1 - WEB PL 750 x 9 x 2981 (SM400A)  
 1 - WEB PL 500 x 9 x 1770 (SM400A)

1 - WEB PL 171 x 9 x 753 (SM400A)  
 1 - WEB PL 750 x 9 x 1300 (SM400A)  
 1 - WEB PL 172 x 9 x 753 (SM400A)  
 4 - SPL PL 320 x 9 x 630 (SS400)  
 48 - TCB M22 x 65 (S10T)

1 - WEB PL 750 x 9 x 2706 (SM400A)  
 1 - WEB PL 500 x 9 x 2690 (SM400A)

1 - WEB PL 750 x 9 x 2706 (SM400A)  
 1 - WEB PL 500 x 9 x 2690 (SM400A)

1 - WEB PL 171 x 9 x 753 (SM400A)  
 1 - WEB PL 750 x 9 x 1300 (SM400A)  
 1 - WEB PL 172 x 9 x 753 (SM400A)  
 4 - SPL PL 320 x 9 x 630 (SS400)  
 48 - TCB M22 x 65 (S10T)

1 - FLG PL 200 x 10 x 1017 (SM400A)  
 1 - FLG PL 200 x 10 x 615 (SM400A)  
 2 - SPL PL 80 x 9 x 320 (SS400)  
 1 - SPL PL 200 x 9 x 320 (SS400)  
 8 - TCB M22 x 65 (S10T)

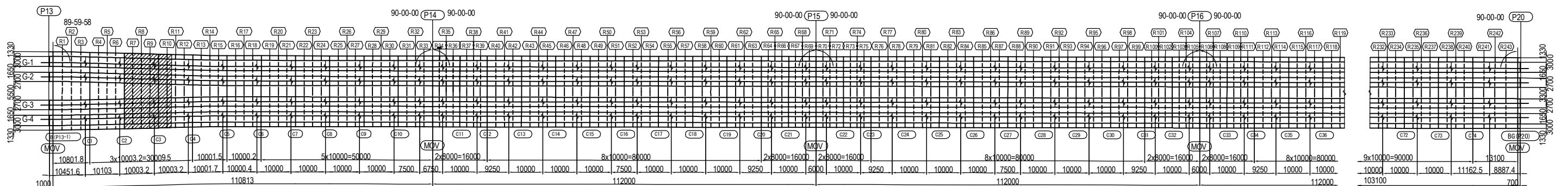
1 - FLG PL 200 x 10 x 2564 (SM400A)  
 1 - FLG PL 200 x 10 x 1285 (SM400A)  
 1 - FLG PL 200 x 10 x 172 (SM400A)  
 4 - SPL PL 80 x 9 x 320 (SS400)  
 2 - SPL PL 200 x 9 x 320 (SS400)  
 16 - TCB M22 x 65 (S10T)

1 - FLG PL 200 x 10 x 2690 (SM400A)  
 1 - FLG PL 200 x 10 x 172 (SM400A)  
 1 - FLG PL 200 x 10 x 172 (SM400A)  
 4 - SPL PL 80 x 9 x 320 (SS400)  
 2 - SPL PL 200 x 9 x 320 (SS400)  
 16 - TCB M22 x 65 (S10T)

1 - FLG PL 200 x 10 x 2690 (SM400A)  
 1 - FLG PL 200 x 10 x 1026 (SM400A)  
 1 - FLG PL 200 x 10 x 639 (SM400A)  
 1 - FLG PL 200 x 10 x 639 (SM400A)  
 2 - SPL PL 80 x 9 x 320 (SS400)  
 1 - SPL PL 200 x 9 x 320 (SS400)  
 8 - TCB M22 x 65 (S10T)

1 - FLG PL 200 x 10 x 2564 (SM400A)  
 1 - FLG PL 200 x 10 x 1017 (SM400A)  
 1 - FLG PL 200 x 10 x 615 (SM400A)  
 2 - SPL PL 80 x 9 x 320 (SS400)  
 1 - SPL PL 200 x 9 x 320 (SS400)  
 8 - TCB M22 x 65 (S10T)

## MARKING DIAGRAM

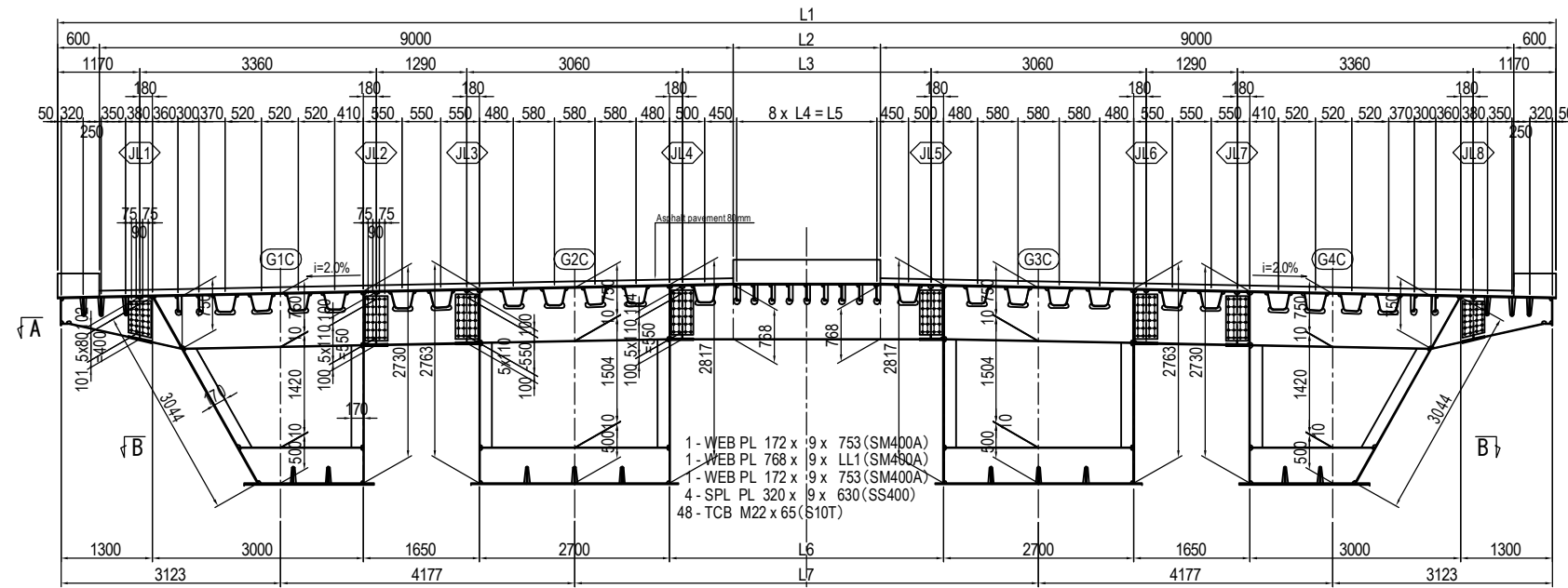


PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA	<i>[Signature]</i>	15 Jun.2017	DETAIL OF CORSS BEAM SECTION (2)	2
				T. HAYAKAWA	<i>[Signature]</i>	20 Jun.2017		DWG No.
				Y. SANO	<i>[Signature]</i>	21 Jun.2017		P2-SB-1332

# DETAIL OF CORSS BEAM SECTION (3), BRACKET S=1:100

(R11-R15)

	L1	L2	L3	L4	L5	L6	L7	LL1
R11	21291	2091	3531	248.9	1991	3891	6591	3526
R12	21165	1965	3405	233.1	1865	3765	6465	3400
R13	20914	1714	3154	201.8	1614	3514	6214	3149
R14	20802	1602	3042	187.8	1502	3402	6102	3037
R15	20730	1530	2970	178.8	1430	3330	6030	2965



1 - WEB PL 602 x 9 x 1113 (SM400A)  
 1 - WEB PL 739 x 9 x 594 (SM400A)  
 2 - SPL PL 320 x 9 x 520 (SS400)  
 24 - TCB M22 x 65 (S10T)

1 - WEB PL 602 x 9 x 1113 (SM400A)  
 1 - WEB PL 739 x 9 x 594 (SM400A)  
 2 - SPL PL 320 x 9 x 520 (SS400)  
 24 - TCB M22 x 65 (S10T)

1 - WEB PL 750 x 9 x 2981 (SM400A)  
 1 - WEB PL 500 x 9 x 1770 (SM400A)

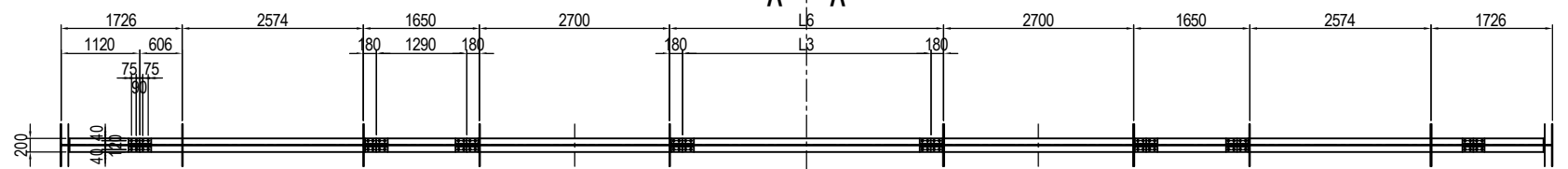
1 - WEB PL 750 x 9 x 2981 (SM400A)  
 1 - WEB PL 500 x 9 x 1770 (SM400A)

1 - WEB PL 171 x 9 x 753 (SM400A)  
 1 - WEB PL 750 x 9 x 1300 (SM400A)  
 1 - WEB PL 172 x 9 x 753 (SM400A)  
 4 - SPL PL 320 x 9 x 630 (SS400)  
 48 - TCB M22 x 65 (S10T)

1 - WEB PL 171 x 9 x 753 (SM400A)  
 1 - WEB PL 750 x 9 x 1300 (SM400A)  
 1 - WEB PL 172 x 9 x 753 (SM400A)  
 4 - SPL PL 320 x 9 x 630 (SS400)  
 48 - TCB M22 x 65 (S10T)

1 - WEB PL 171 x 9 x 753 (SM400A)  
 1 - WEB PL 750 x 9 x 1300 (SM400A)  
 1 - WEB PL 172 x 9 x 753 (SM400A)  
 4 - SPL PL 320 x 9 x 630 (SS400)  
 48 - TCB M22 x 65 (S10T)

1 - WEB PL 171 x 9 x 753 (SM400A)  
 1 - WEB PL 750 x 9 x 1300 (SM400A)  
 1 - WEB PL 172 x 9 x 753 (SM400A)  
 4 - SPL PL 320 x 9 x 630 (SS400)  
 48 - TCB M22 x 65 (S10T)

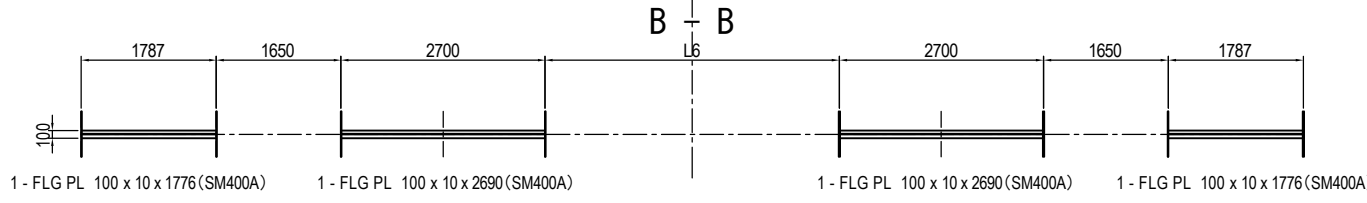


1 - FLG PL 200 x 10 x 2564 (SM400A)  
 1 - FLG PL 200 x 10 x 1017 (SM400A)  
 1 - FLG PL 200 x 10 x 615 (SM400A)  
 2 - SPL PL 80 x 9 x 320 (SS400)  
 1 - SPL PL 200 x 9 x 320 (SS400)  
 8 - TCB M22 x 65 (S10T)

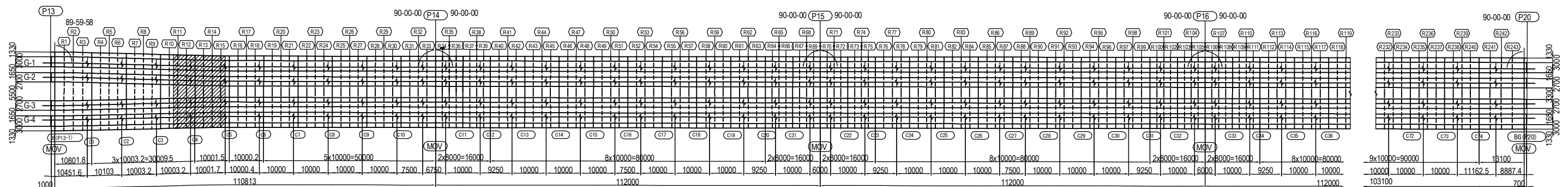
1 - FLG PL 200 x 10 x 2690 (SM400A)  
 1 - FLG PL 200 x 10 x 171 (SM400A)  
 1 - FLG PL 200 x 10 x 1285 (SM400A)  
 1 - FLG PL 200 x 10 x 172 (SM400A)  
 4 - SPL PL 80 x 9 x 320 (SS400)  
 2 - SPL PL 200 x 9 x 320 (SS400)  
 16 - TCB M22 x 65 (S10T)

1 - FLG PL 200 x 10 x 2690 (SM400A)  
 1 - FLG PL 200 x 10 x 172 (SM400A)  
 1 - FLG PL 200 x 10 x 172 (SM400A)  
 1 - FLG PL 200 x 10 x 172 (SM400A)  
 4 - SPL PL 80 x 9 x 320 (SS400)  
 2 - SPL PL 200 x 9 x 320 (SS400)  
 16 - TCB M22 x 65 (S10T)

1 - FLG PL 200 x 10 x 2690 (SM400A)  
 1 - FLG PL 200 x 10 x 1026 (SM400A)  
 1 - FLG PL 200 x 10 x 639 (SM400A)  
 1 - FLG PL 200 x 10 x 639 (SM400A)  
 2 - SPL PL 80 x 9 x 320 (SS400)  
 1 - SPL PL 200 x 9 x 320 (SS400)  
 8 - TCB M22 x 65 (S10T)



## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF CORSS BEAM SECTION (3)	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1333



# DETAIL OF CORSS BEAM SECTION (4), BRACKET S=1:100

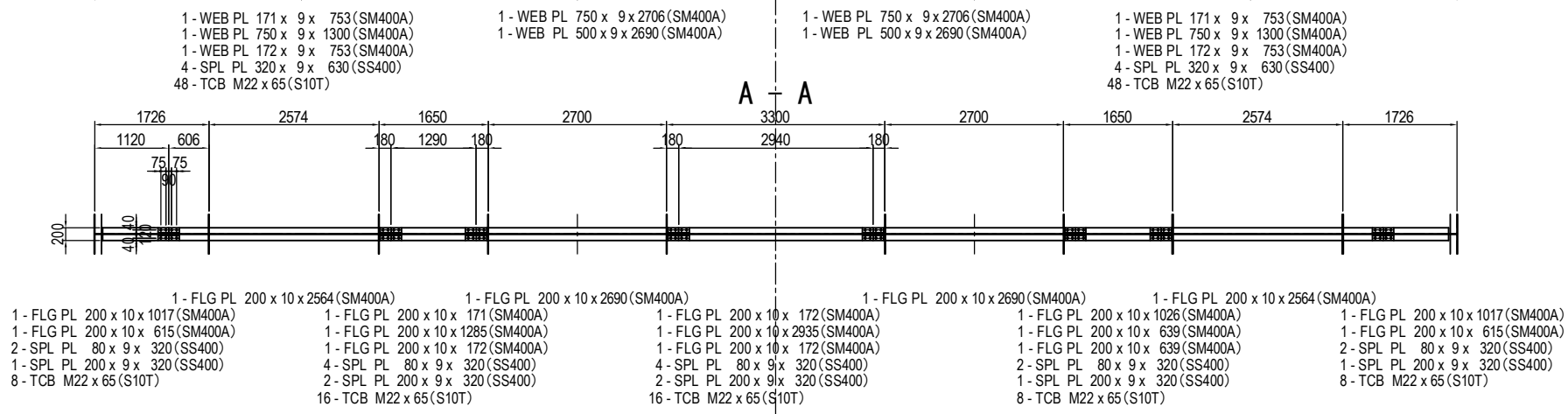
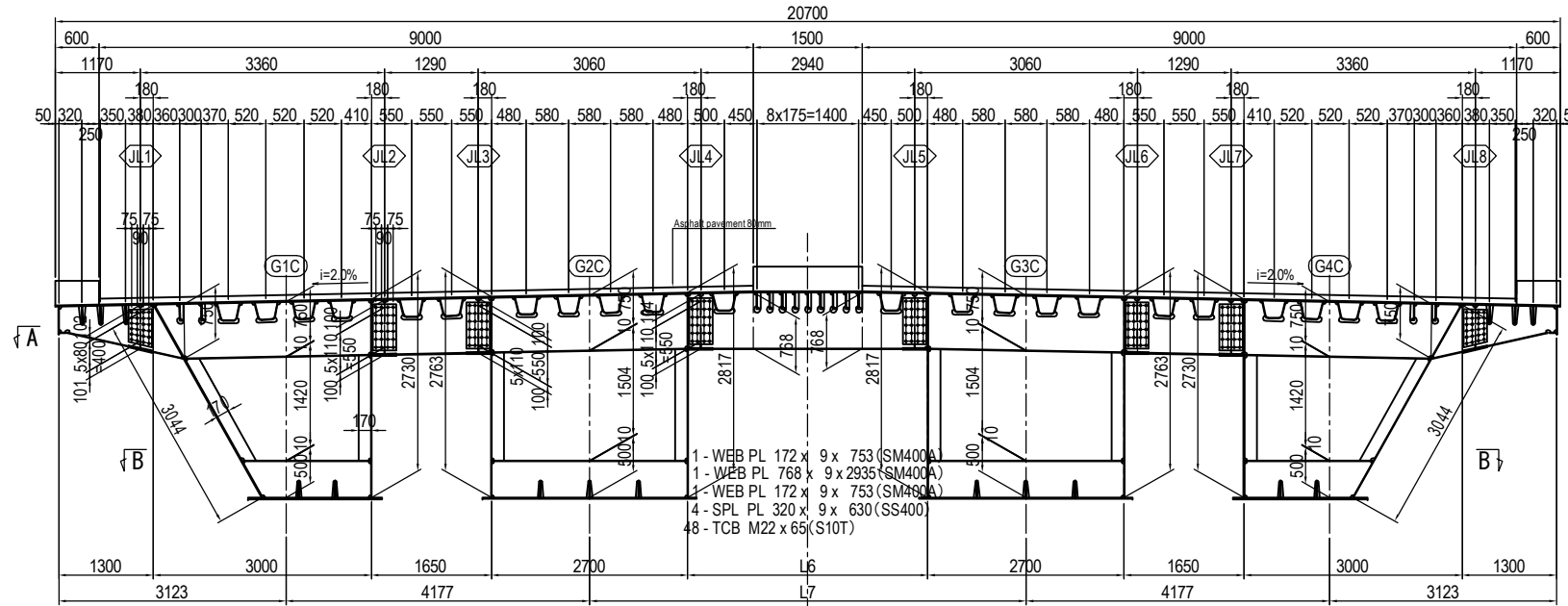
(R16-R18)

1 - WEB PL 602 x 9 x 1113 (SM400A)  
 1 - WEB PL 739 x 9 x 594 (SM400A)  
 2 - SPL PL 320 x 9 x 520 (SS400)  
 24 - TCB M22 x 65 (S10T)

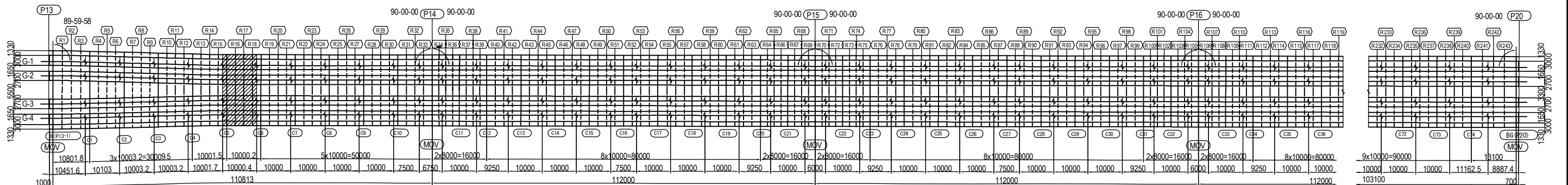
1 - WEB PL 602 x 9 x 1113 (SM400A)  
 1 - WEB PL 739 x 9 x 594 (SM400A)  
 2 - SPL PL 320 x 9 x 520 (SS400)  
 24 - TCB M22 x 65 (S10T)

1 - WEB PL 750 x 9 x 2981 (SM400A)  
 1 - WEB PL 500 x 9 x 1770 (SM400A)

1 - WEB PL 750 x 9 x 2981 (SM400A)  
 1 - WEB PL 500 x 9 x 1770 (SM400A)



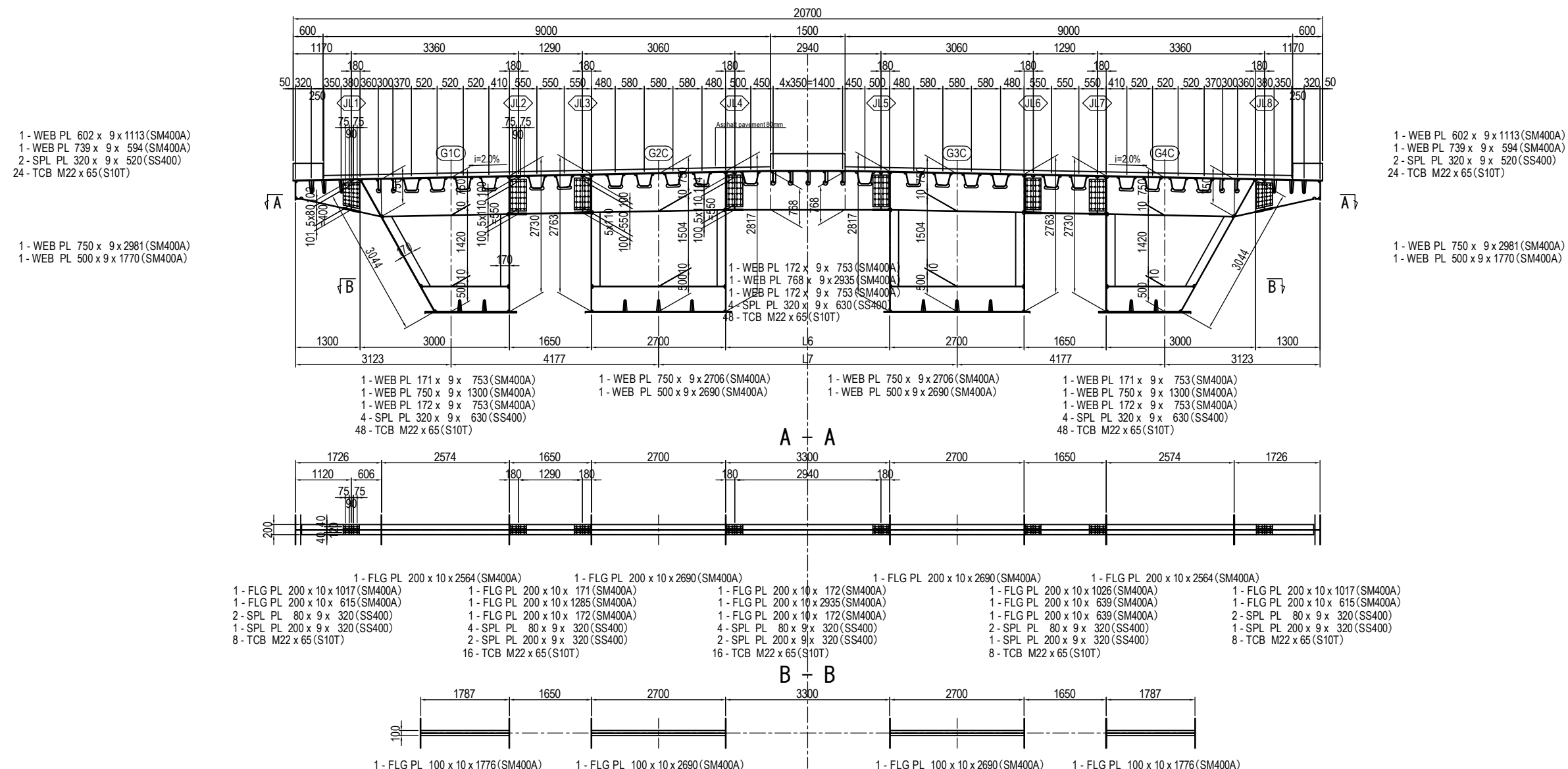
## MARKING DIAGRAM



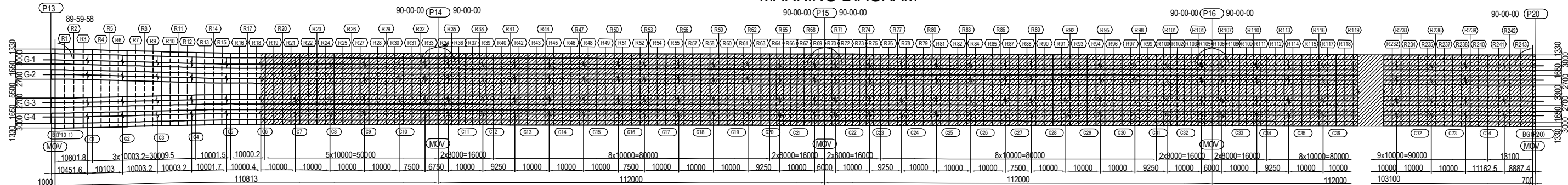
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun. 2017 20 Jun. 2017 21 Jun. 2017	DRAWING TITLE DETAIL OF CORSS BEAM SECTION (4)	PACKAGE 2 DWG No. P2-SB-1334
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# DETAIL OF CORSS BEAM SECTION (5), BRACKET S=1:100

(R19,R21,R22,R24,R25,R27,R28,R30,R31,R33,R34,R36,R37,R39,R40,R42,R43,R45,R46,R48,R49,R51,R52,R54,R55,R57,R58,R60,R61,R63,R64  
 R66,R67,R69,R70,R72,R73,R75,R76,R78,R79,R81,R82,R84,R85,R87,R88,R90,R91,R93,R94,R96,R97,R99,R100,R102,R103,R105,R106,R108  
 R109,R111,R112,R114,R115,R117,R118,R120,R121,R123,R124,R126,R127,R129,R130,R132,R133,R135,R136,R138,R139,R141,R142,R144  
 R145,R147,R148,R150,R151,R153,R154,R156,R157,R159,R160,R162,R163,R165,R166,R168,R169,R171,R172,R174,R175,R177,R178,R180  
 R181,R183,R184,R186,R187,R189,R190,R192,R193,R195,R196,R198,R199,R201,R202,R204,R205,R207,R208,R210,R211,R213,R214,R216  
 R217,R219,R220,R222,R223,R225,R226,R228,R229,R231,R232,R234,R235,R237,R238,R240,R241,R243)



## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF CORSS BEAM SECTION (5)	PACKAGE 2 DWG No. P2-SB-1335
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		
				APPROVED BY	Y. SANO	21 Jun.2017		

# DETAIL OF CORSS BEAM SECTION (6), BRACKET S=1:100

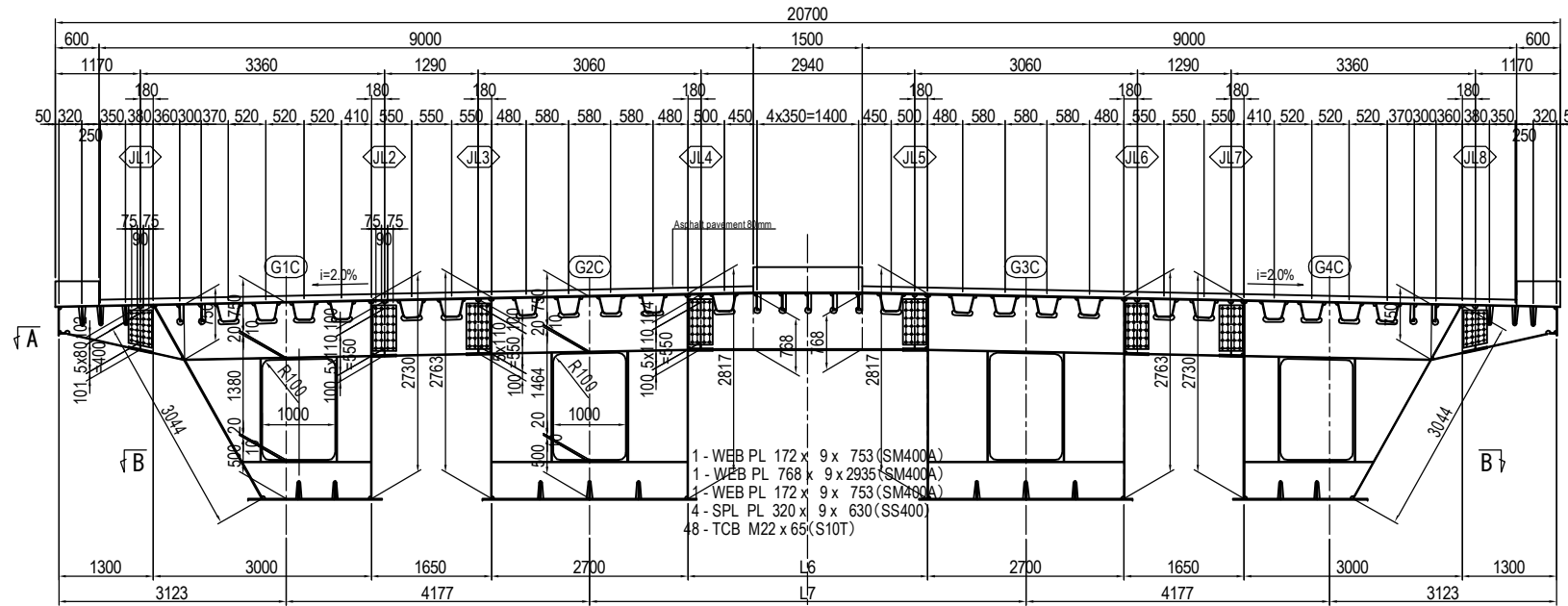
(R20,R23,R26,R29,R32,R35,R38,R41,R44,R47,R50,R53,R56,R59,R62,R65,R68,R71,R74,R77,R80,R83,R86,R89,R92,R95,R98,R101,R104  
R107,R110,R113,R116,R119,R122,R125,R128,R131,R134,R137,R140,R143,R146,R149,R152,R155,R158,R161,R164,R167,R170,R173  
R176,R179,R182,R185,R188,R191,R194,R197,R200,R203,R206,R209,R212,R215,R218,R221,R224,R227,R230,R233,R236,R239,R242)

1 - WEB PL 602 x 9 x 1113 (SM400A)  
1 - WEB PL 739 x 9 x 594 (SM400A)  
2 - SPL PL 320 x 9 x 520 (SS400)  
24 - TCB M22 x 65 (S10T)

1 - DIA PL 2714 x 9 x 2980 (SM400A)  
2 - PL 200 x 9 x 1414 (SM400A)  
2 - PL 200 x 9 x 1435 (SM400A)

1 - WEB PL 602 x 9 x 1113 (SM400A)  
1 - WEB PL 739 x 9 x 594 (SM400A)  
2 - SPL PL 320 x 9 x 520 (SS400)  
24 - TCB M22 x 65 (S10T)

1 - DIA PL 2714 x 9 x 2980 (SM400A)  
2 - PL 200 x 9 x 1414 (SM400A)  
2 - PL 200 x 9 x 1435 (SM400A)

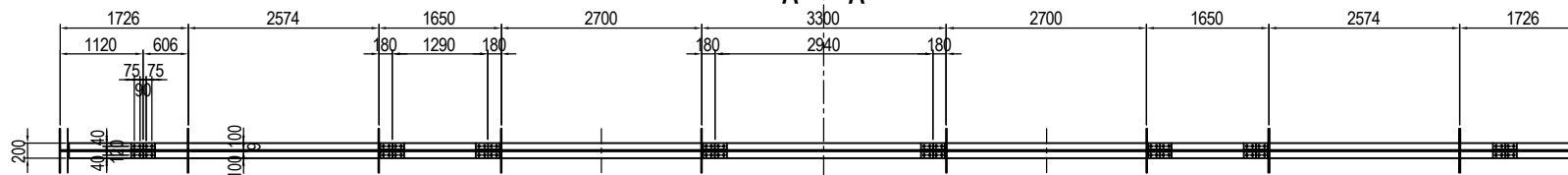


1 - WEB PL 171 x 9 x 753 (SM400A)  
1 - WEB PL 750 x 9 x 1300 (SM400A)  
1 - WEB PL 172 x 9 x 753 (SM400A)  
4 - SPL PL 320 x 9 x 630 (SS400)  
48 - TCB M22 x 65 (S10T)

1 - DIA PL 2801 x 9 x 2980 (SM400A)  
2 - PL 200 x 9 x 1494 (SM400A)  
2 - PL 200 x 9 x 1515 (SM400A)

1 - DIA PL 2801 x 9 x 2980 (SM400A)  
2 - PL 200 x 9 x 1494 (SM400A)  
2 - PL 200 x 9 x 1515 (SM400A)

1 - WEB PL 171 x 9 x 753 (SM400A)  
1 - WEB PL 750 x 9 x 1300 (SM400A)  
1 - WEB PL 172 x 9 x 753 (SM400A)  
4 - SPL PL 320 x 9 x 630 (SS400)  
48 - TCB M22 x 65 (S10T)



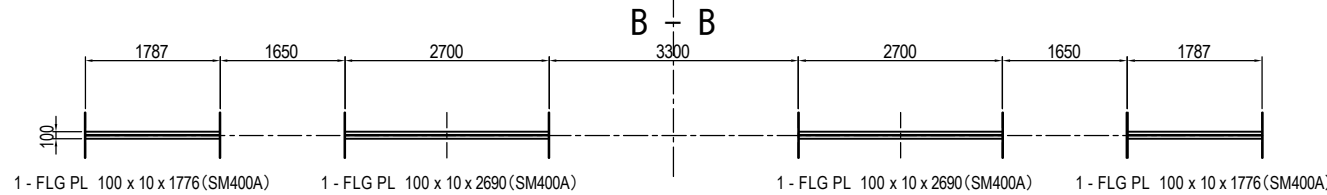
2 - PL 100 x 10 x 2564 (SM400A)  
1 - FLG PL 200 x 10 x 1017 (SM400A)  
1 - FLG PL 200 x 10 x 615 (SM400A)  
2 - SPL PL 80 x 9 x 320 (SS400)  
1 - SPL PL 200 x 9 x 320 (SS400)  
8 - TCB M22 x 65 (S10T)

2 - PL 100 x 10 x 2690 (SM400A)  
1 - FLG PL 200 x 10 x 171 (SM400A)  
1 - FLG PL 200 x 10 x 1285 (SM400A)  
1 - FLG PL 200 x 10 x 172 (SM400A)  
4 - SPL PL 80 x 9 x 320 (SS400)  
2 - SPL PL 200 x 9 x 320 (SS400)  
16 - TCB M22 x 65 (S10T)

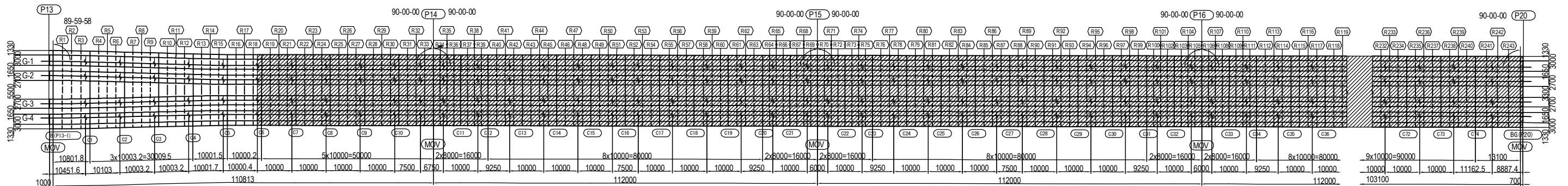
2 - PL 100 x 10 x 2690 (SM400A)  
1 - FLG PL 200 x 10 x 172 (SM400A)  
1 - FLG PL 200 x 10 x 2935 (SM400A)  
1 - FLG PL 200 x 10 x 172 (SM400A)  
4 - SPL PL 80 x 9 x 320 (SS400)  
2 - SPL PL 200 x 9 x 320 (SS400)  
16 - TCB M22 x 65 (S10T)

2 - PL 100 x 10 x 2564 (SM400A)  
1 - FLG PL 200 x 10 x 1026 (SM400A)  
1 - FLG PL 200 x 10 x 639 (SM400A)  
1 - FLG PL 200 x 10 x 639 (SM400A)  
2 - SPL PL 80 x 9 x 320 (SS400)  
1 - SPL PL 200 x 9 x 320 (SS400)  
8 - TCB M22 x 65 (S10T)

2 - PL 100 x 10 x 2564 (SM400A)  
1 - FLG PL 200 x 10 x 1017 (SM400A)  
1 - FLG PL 200 x 10 x 615 (SM400A)  
2 - SPL PL 80 x 9 x 320 (SS400)  
1 - SPL PL 200 x 9 x 320 (SS400)  
8 - TCB M22 x 65 (S10T)



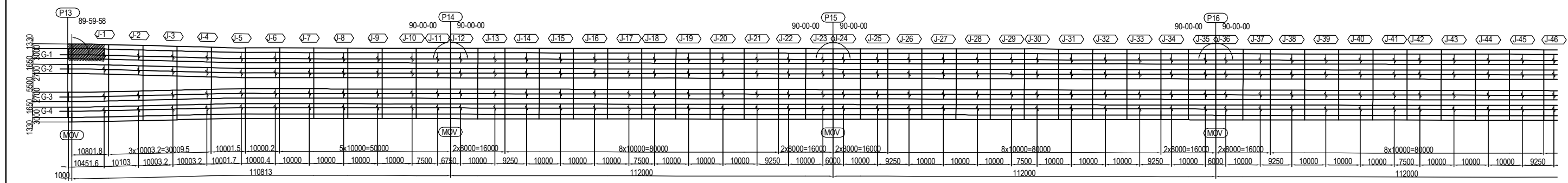
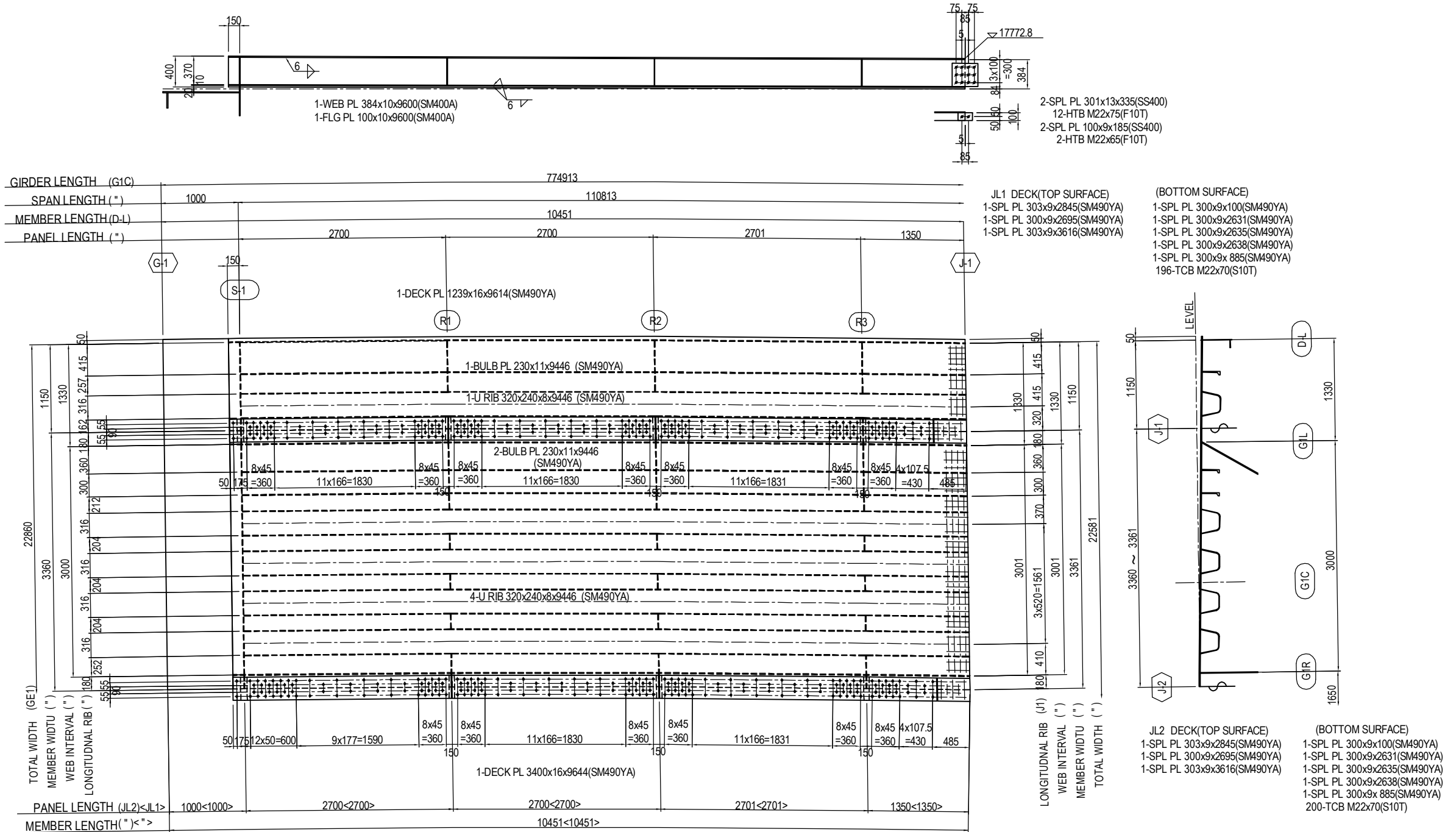
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY CHECKED BY APPROVED BY	S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF CORSS BEAM SECTION (6)	PACKAGE 2 DWG No. P2-SB-1336
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# DETAIL OF DECK PLATE (1) S=1:60

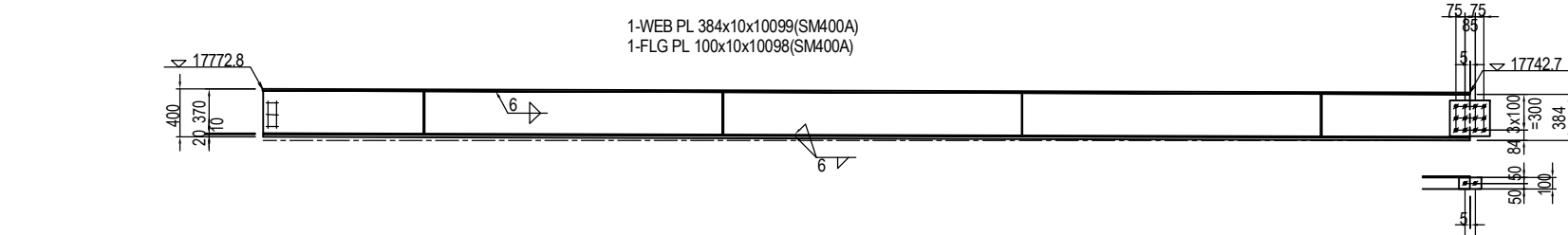
(1-1)



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 DECK PLATE (1)	PACKAGE 2 DWG No. P2-SB-1501
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		
				APPROVED BY	Y. SANO	21 Jun.2017		

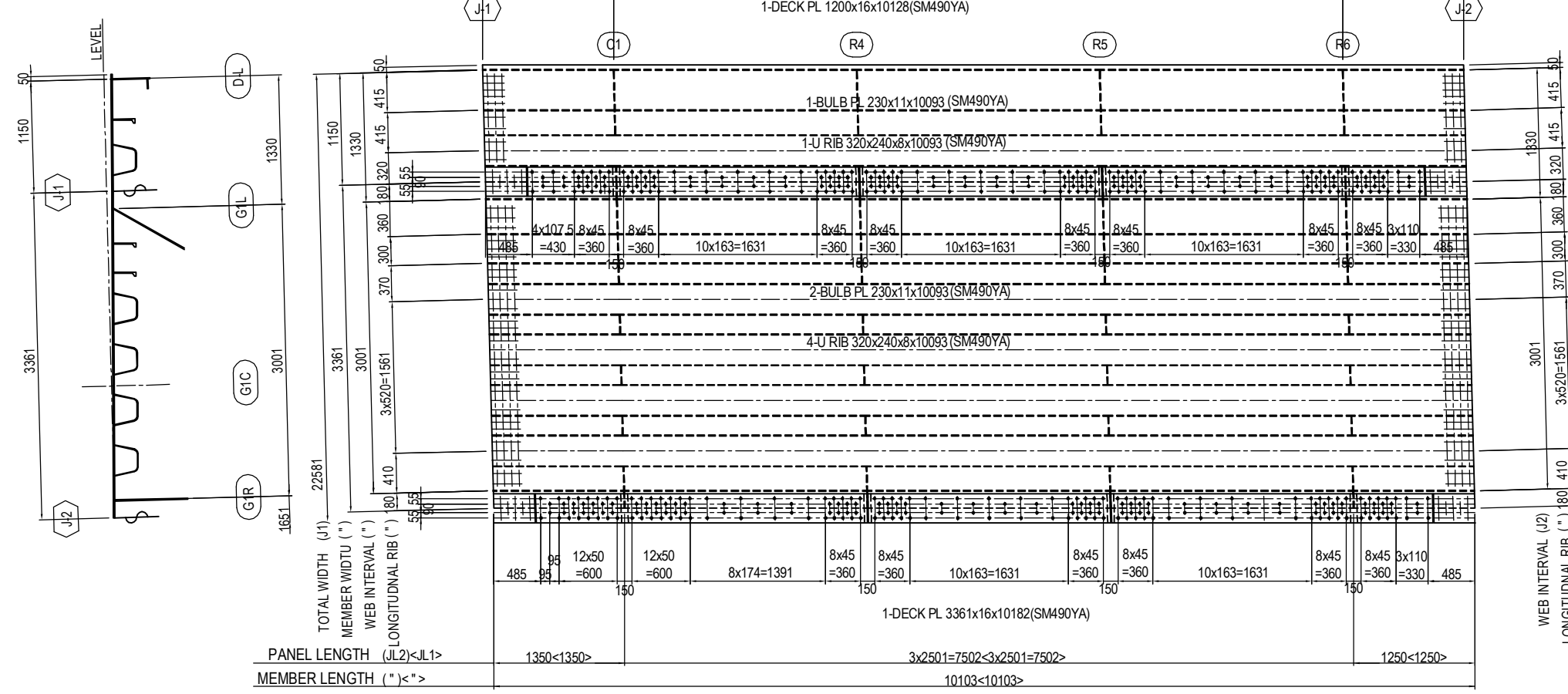
# DETAIL OF DECK PLATE (2) S=1:60

(1-2)



2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)

GIRDER LENGTH (G1C)	774913
SPAN LENGTH (" )	110813
MEMBER LENGTH (D-L)	10103
PANEL LENGTH (" )	3x2501=7502



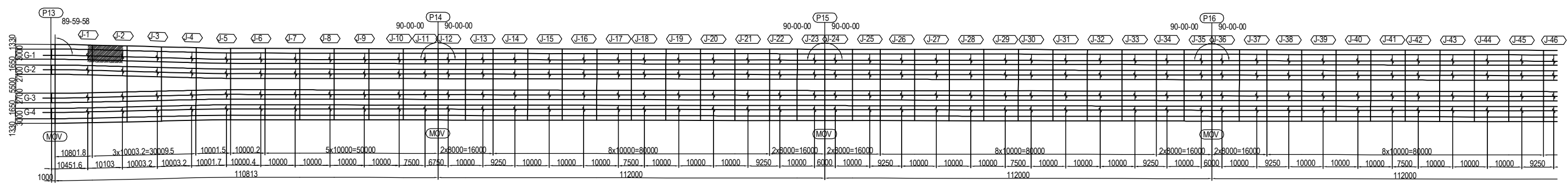
JL1 DECK(TOP SURFACE)  
1-SPL PL 300x9x3419(SM490YA)  
1-SPL PL 300x9x2499(SM490YA)  
1-SPL PL 300x9x3319(SM490YA)

(BOTTOM SURFACE)  
1-SPL PL 330x9x 888(SM490YA)  
3-SPL PL 330x9x2439(SM490YA)  
1-SPL PL 330x9x 788(SM490YA)  
212-TCB M22x70(S10T)

JL2 DECK(TOP SURFACE)  
1-SPL PL 300x9x3419(SM490YA)  
1-SPL PL 300x9x2499(SM490YA)  
1-SPL PL 300x9x3319(SM490YA)

(BOTTOM SURFACE)  
1-SPL PL 300x9x 888(SM490YA)  
3-SPL PL 300x9x2439(SM490YA)  
1-SPL PL 300x9x 788(SM490YA)  
220-TCB M22x70(S10T)

## MARKING DIAGRAM

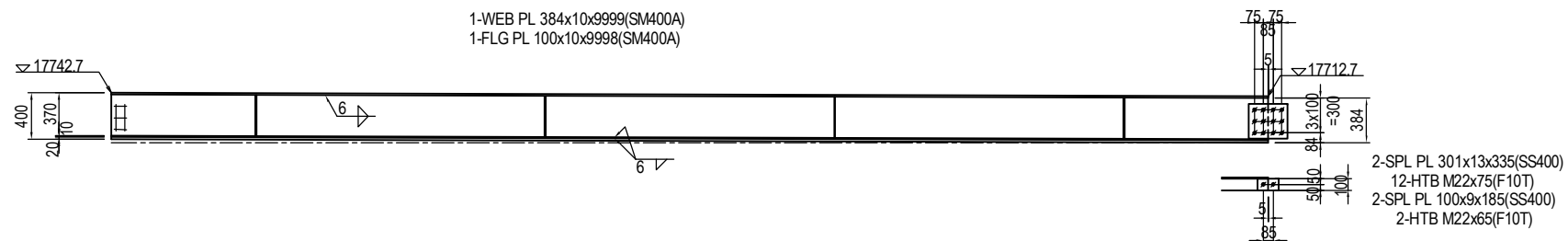


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DATE	DRAWING TITLE DETAIL OF DECK PLATE (2)	PACKAGE 2 DWG No. P2-SB-1502
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# DETAIL OF DECK PLATE (3) S=1:60

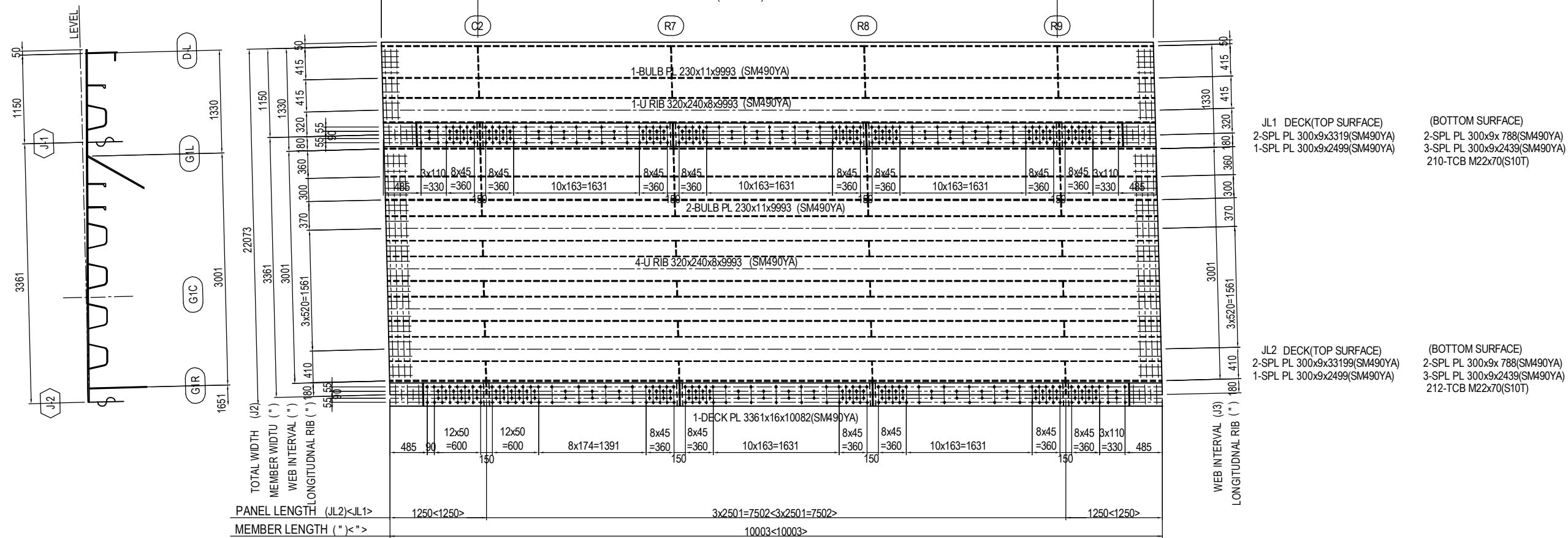
(1-3)

1-WEB PL 384x10x9999(SM400A)  
1-FLG PL 100x10x9998(SM400A)



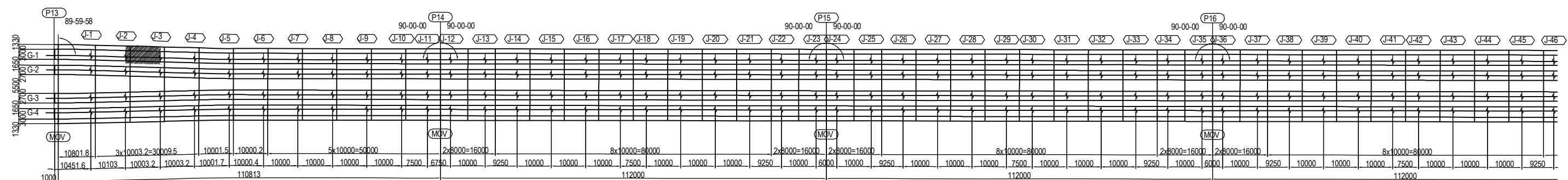
GIRDER LENGTH (G1C)	774913
SPAN LENGTH (" )	110813
MEMBER LENGTH(D-L)	10003
PANEL LENGTH (" )	1250

2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)



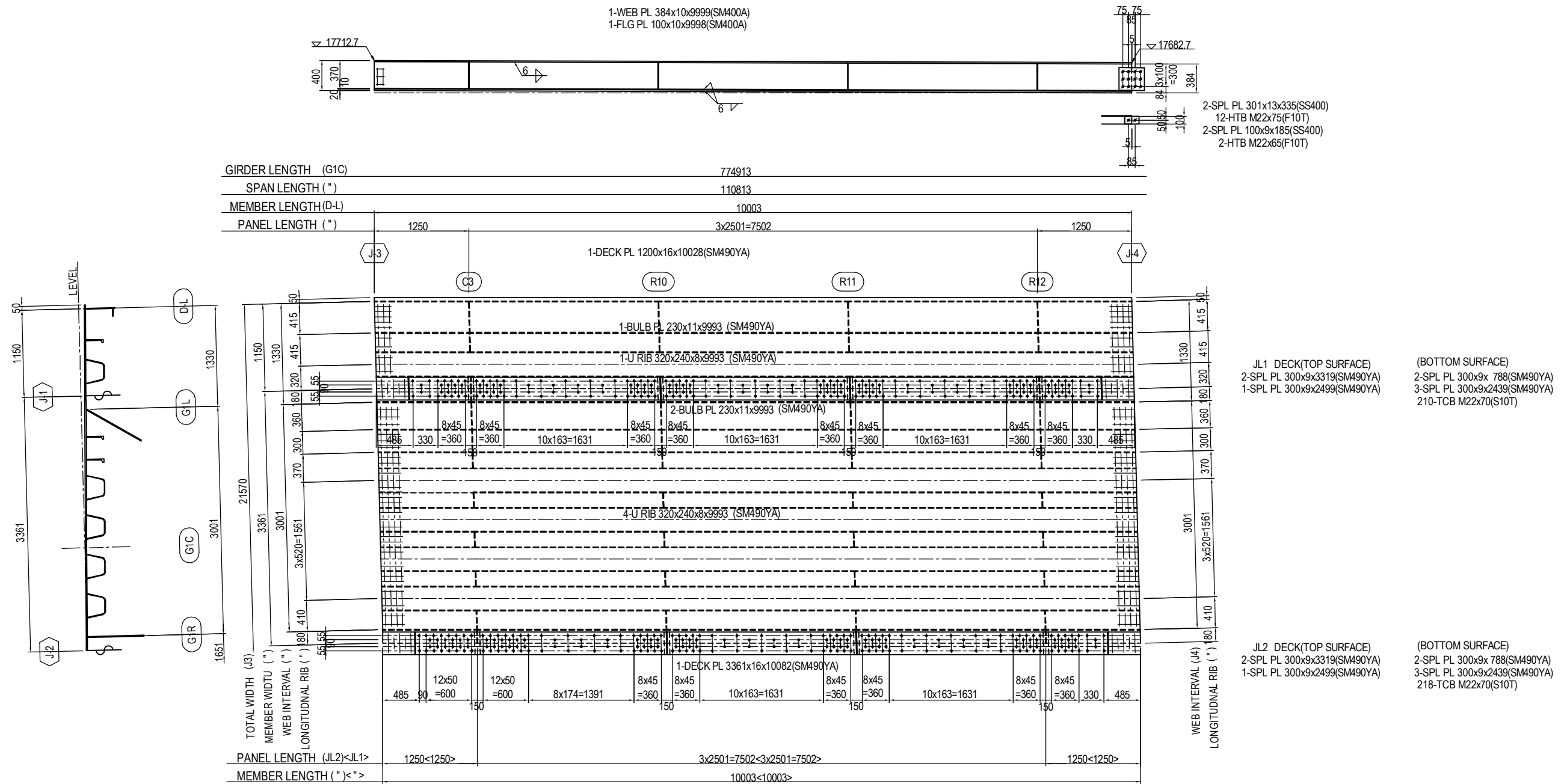
PANEL LENGTH (JL2)<JL1>	1250<1250>	3x2501=7502<3x2501=7502>	1250<1250>
MEMBER LENGTH (" )<" )		10003<10003>	

## MARKING DIAGRAM

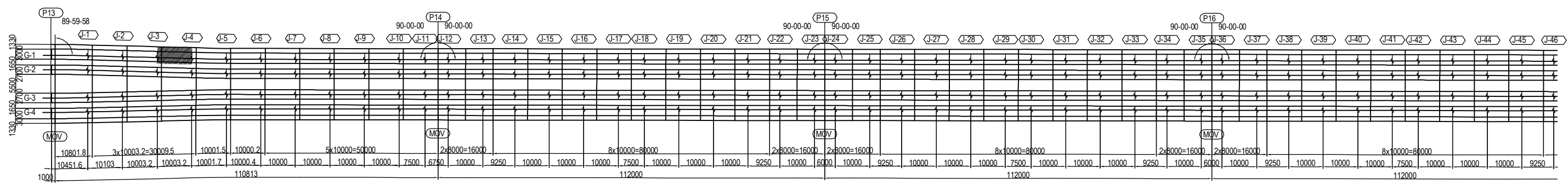


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	S. IMADA	SIGNATURE		DATE	15 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (3)</b>	PACKAGE	2
				PREPARED BY	T. HAYAKAWA	CHECKED BY		DATE	20 Jun.2017		DWG No.	P2-SB-1503
				APPROVED BY	Y. SANO	DATE	21 Jun.2017					

# DETAIL OF DECK PLATE (4) S=1:60 (1-4)

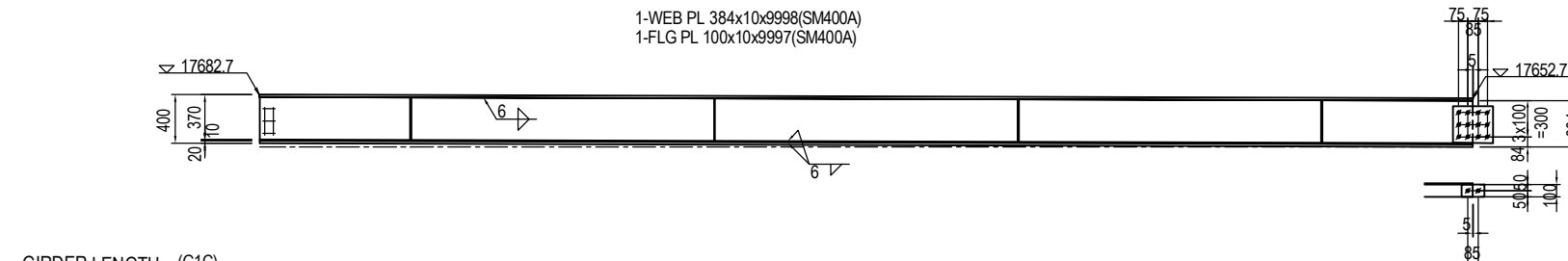


## MARKING DIAGRAM



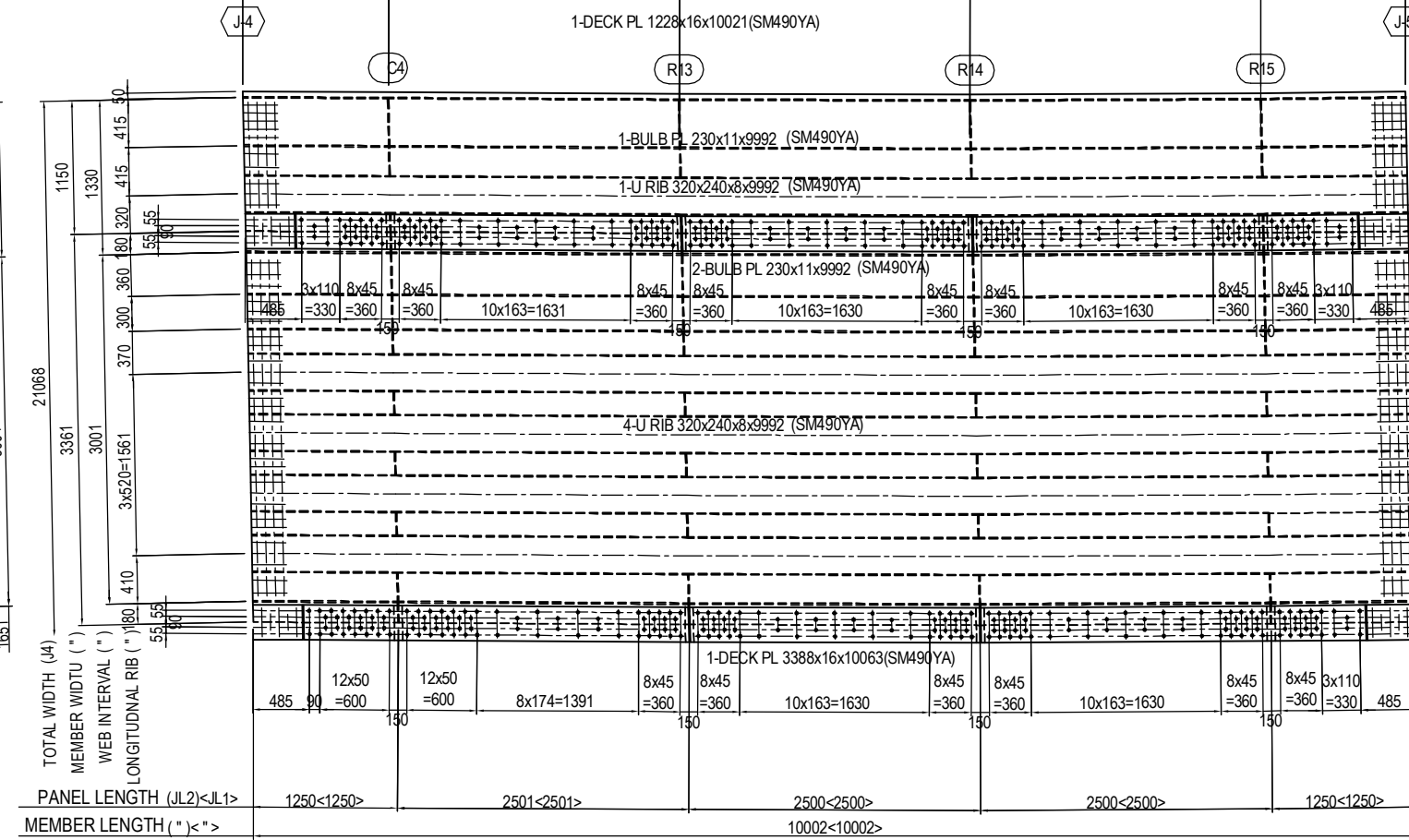
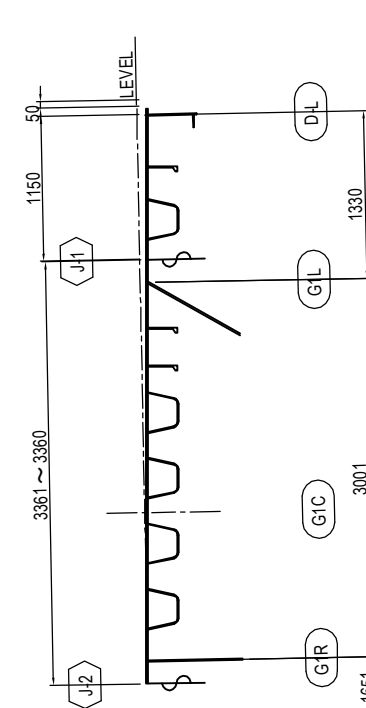
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (4)</b>	PACKAGE 2 DWG No. P2-SB-1504
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# DETAIL OF DECK PLATE (5) S=1:60 (1-5)



2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)

GIRDER LENGTH (G1C)	774913
SPAN LENGTH (")	110813
MEMBER LENGTH(D-L)	10002
PANEL LENGTH (")	1250 2501 2500 2500 1250



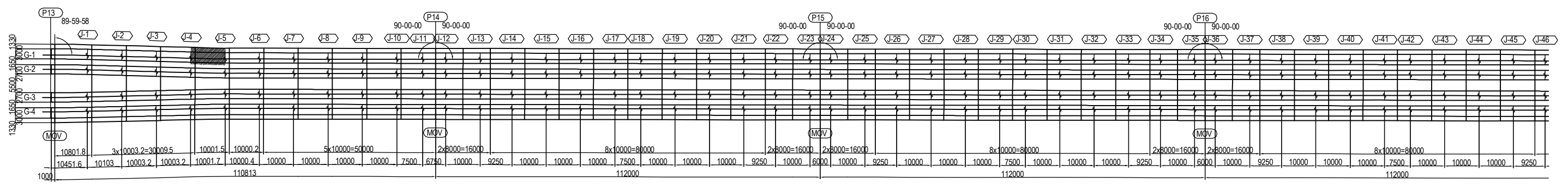
JL1 DECK(TOP SURFACE)  
1-SPL PL 300x9x3317(SM490YA)  
1-SPL PL 300x9x2498(SM490YA)  
1-SPL PL 300x9x3317(SM490YA)

(BOTTOM SURFACE)  
1-SPL PL 300x9x786(SM490YA)  
1-SPL PL 300x9x2439(SM490YA)  
1-SPL PL 300x9x2438(SM490YA)  
1-SPL PL 300x9x2435(SM490YA)  
1-SPL PL 300x9x786(SM490YA)  
210-TCB M22x70(S10T)

JL2 DECK(TOP SURFACE)  
1-SPL PL 300x9x3317(SM490YA)  
1-SPL PL 300x9x2498(SM490YA)  
1-SPL PL 300x9x3317(SM490YA)

(BOTTOM SURFACE)  
1-SPL PL 300x9x786(SM490YA)  
1-SPL PL 300x9x2439(SM490YA)  
1-SPL PL 300x9x2438(SM490YA)  
1-SPL PL 300x9x2435(SM490YA)  
1-SPL PL 300x9x786(SM490YA)  
218-TCB M22x70(S10T)

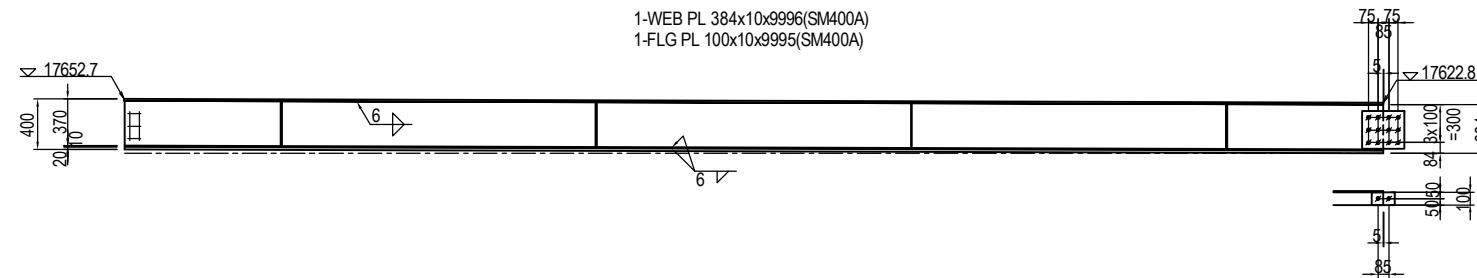
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE <b>DETAIL OF DECK PLATE (5)</b>	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1505

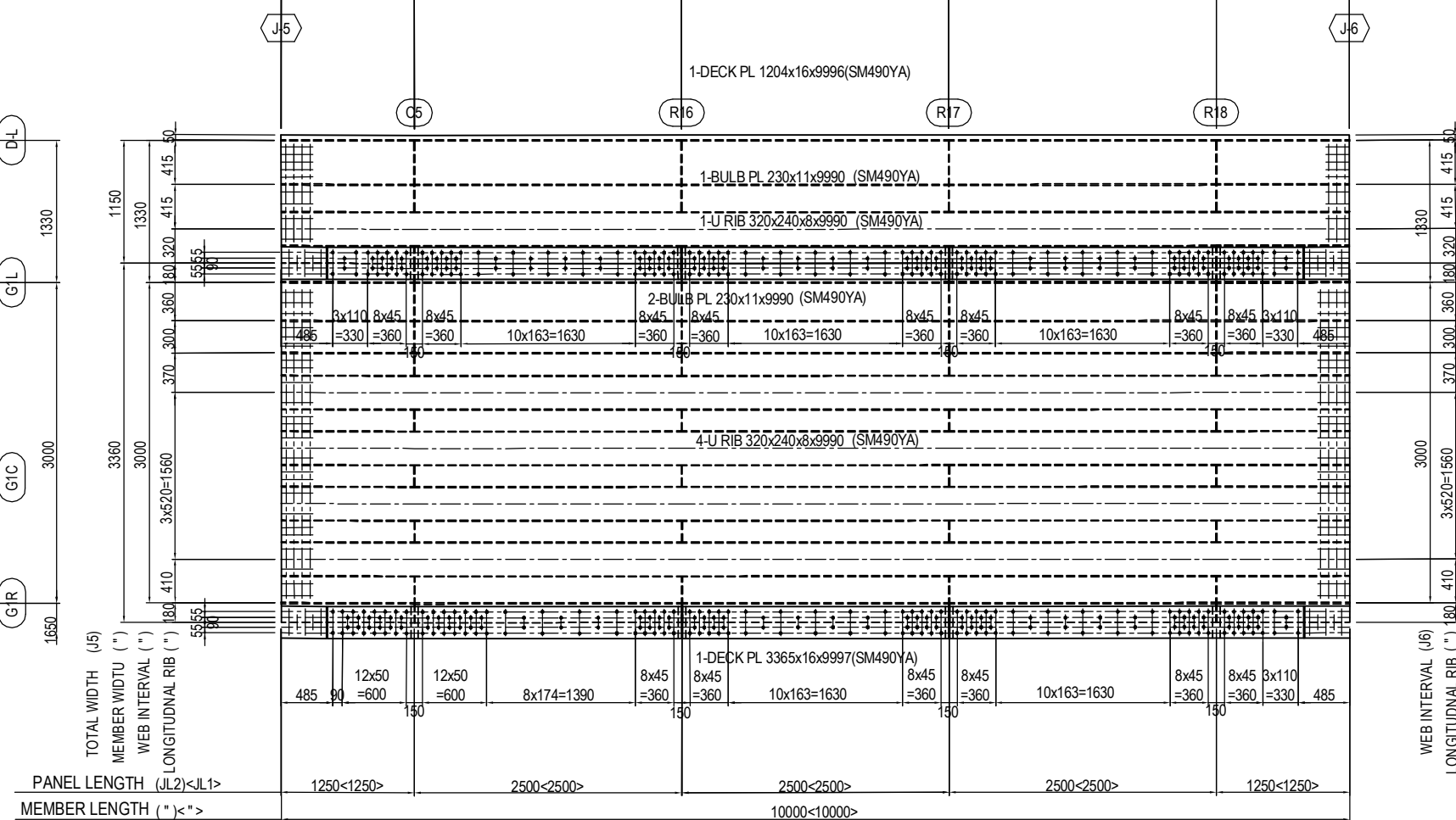
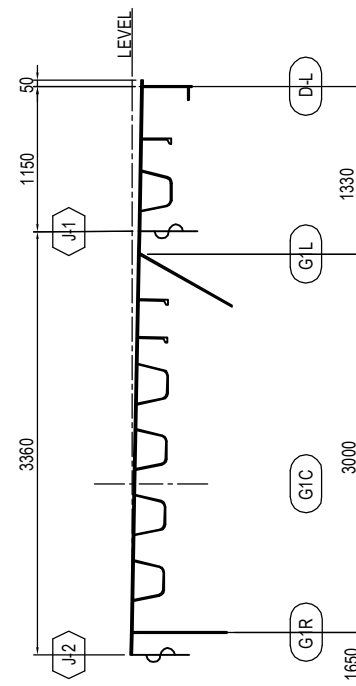


# DETAIL OF DECK PLATE (6) S=1:60 (1-6)



- 2-SPL PL 301x13x335(SS400)
- 12-HTB M22x75(F10T)
- 2-SPL PL 100x9x185(SS400)
- 2-HTB M22x65(F10T)

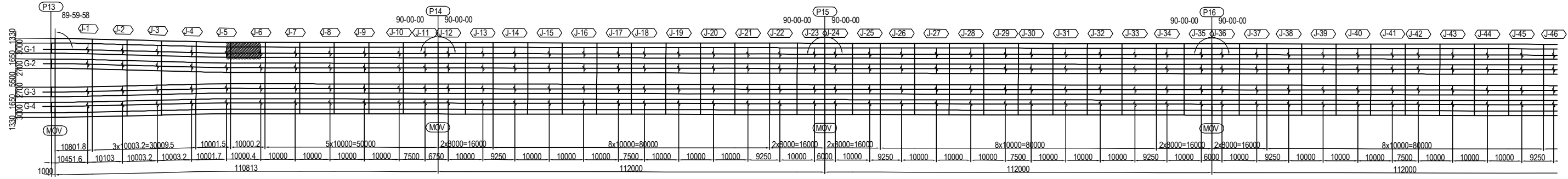
GIRDER LENGTH (G1C)	774913
SPAN LENGTH (" )	110813
MEMBER LENGTH (D-L)	10000
PANEL LENGTH (" )	1250      2500      2500      2500      1250



- JL1 DECK(TOP SURFACE)
- 1-SPL PL 300x9x3310(SM490YA)
  - 1-SPL PL 300x9x2490(SM490YA)
  - 1-SPL PL 300x9x3310(SM490YA)
- (BOTTOM SURFACE)
- 1-SPL PL 300x9x 780(SM490YA)
  - 3-SPL PL 300x9x2430(SM490YA)
  - 1-SPL PL 300x9x 780(SM490YA)
  - 210-TCB M22x70(S10T)

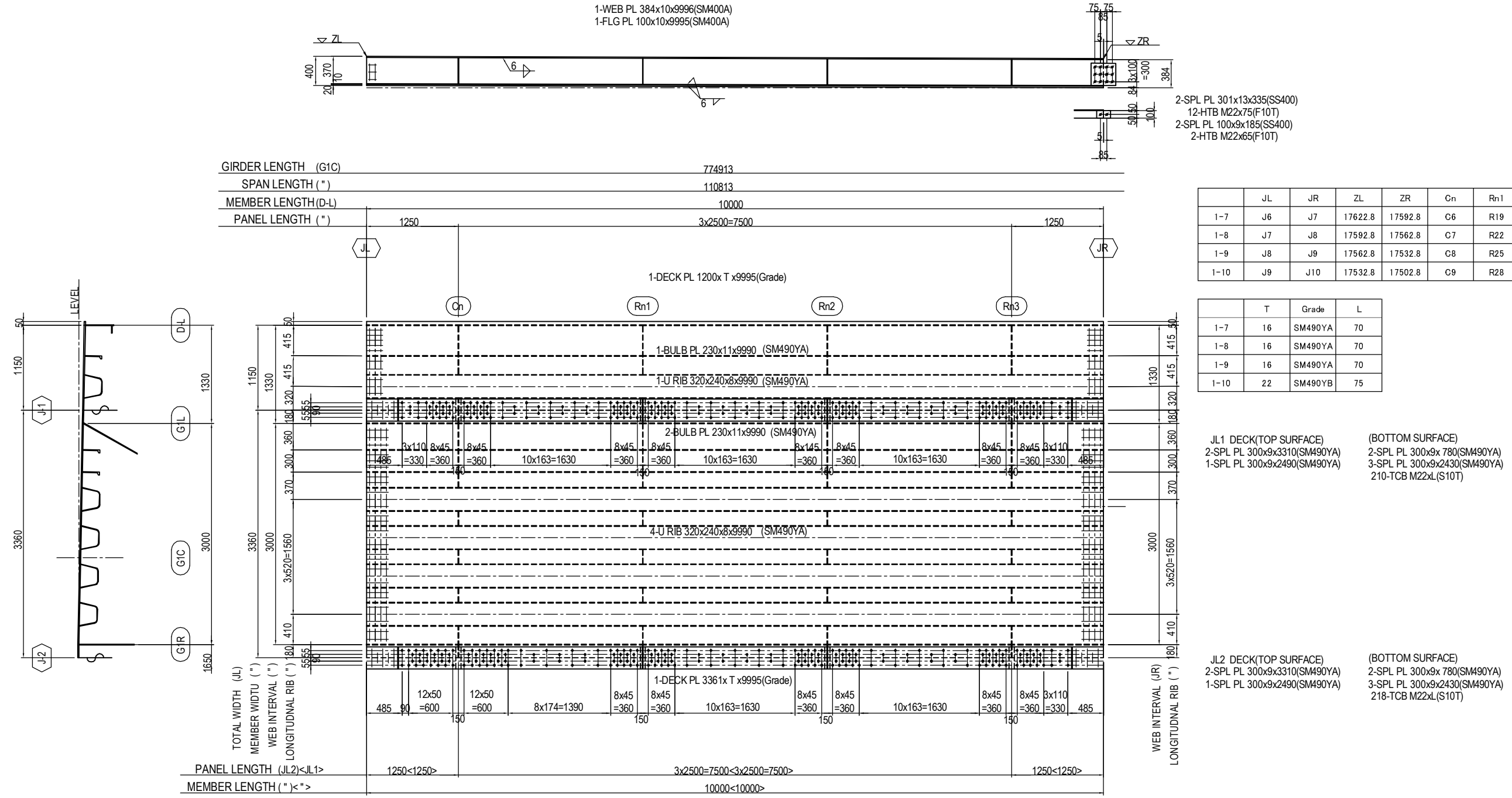
- JL2 DECK(TOP SURFACE)
- 1-SPL PL 300x9x3310(SM490YA)
  - 1-SPL PL 300x9x2490(SM490YA)
  - 1-SPL PL 300x9x3310(SM490YA)
- (BOTTOM SURFACE)
- 1-SPL PL 300x9x 780(SM490YA)
  - 3-SPL PL 300x9x2430(SM490YA)
  - 1-SPL PL 300x9x 780(SM490YA)
  - 218-TCB M22x70(S10T)

## MARKING DIAGRAM



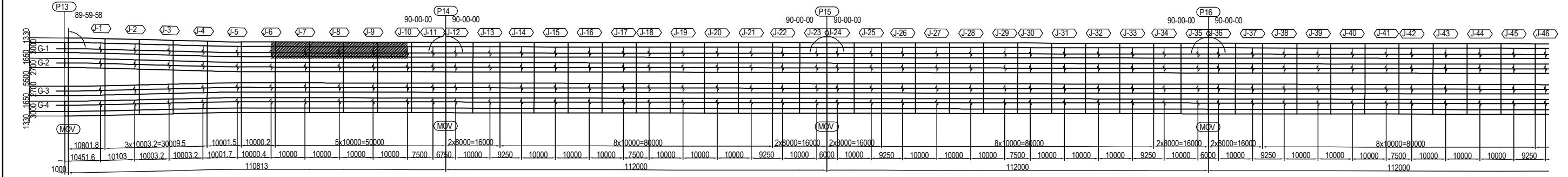
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA SIGNATURE T. HAYAKAWA DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (6)</b>	PACKAGE 2 DWG No. P2-SB-1506
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# DETAIL OF DECK PLATE (7) S=1:60 (1-7,1-8,1-9,1-10)



	JL	JR	ZL	ZR	Cn	Rn1	Rn2	Rn3	T
1-7	J6	J7	17622.8	17592.8	C6	R19	R20	R21	16
1-8	J7	J8	17592.8	17562.8	C7	R22	R23	R24	16
1-9	J8	J9	17562.8	17532.8	C8	R25	R26	R27	16
1-10	J9	J10	17532.8	17502.8	C9	R28	R29	R30	22

	T	Grade	L
1-7	16	SM490YA	70
1-8	16	SM490YA	70
1-9	16	SM490YA	70
1-10	22	SM490YB	75

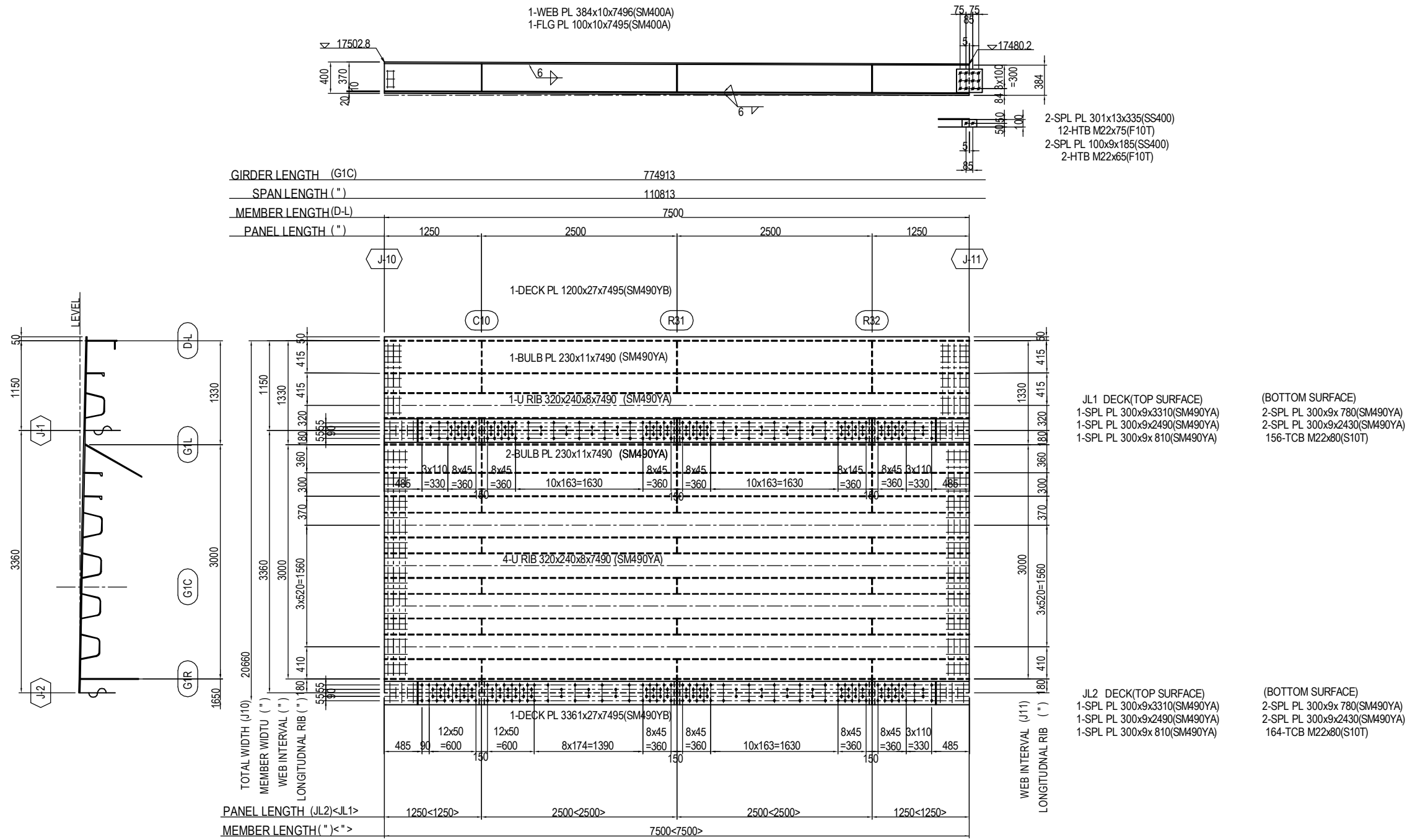


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT		FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY		COUNTPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE		JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO. LTD.		NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF DECK PLATE (7)	PACKAGE 2 DWG No. P2-SB-1507
PREPARED BY T. HAYAKAWA							CHECKED BY Y. SANO			DATE 20 Jun.2017 21 Jun.2017		

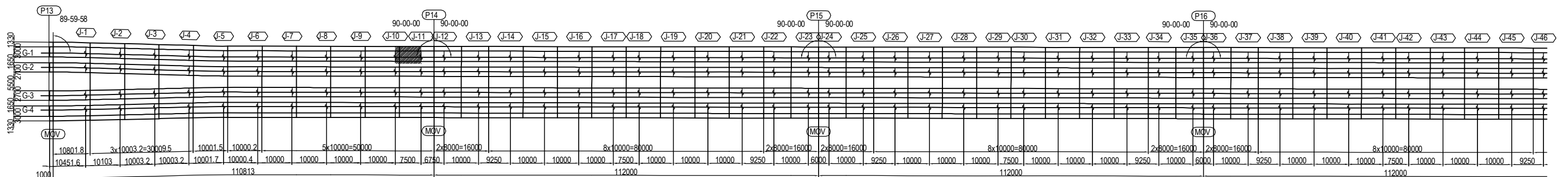
# DETAIL OF DECK PLATE (8) S=1:60

(1-11)

1-WEB PL 384x10x7496(SM400A)  
 1-FLG PL 100x10x7495(SM400A)

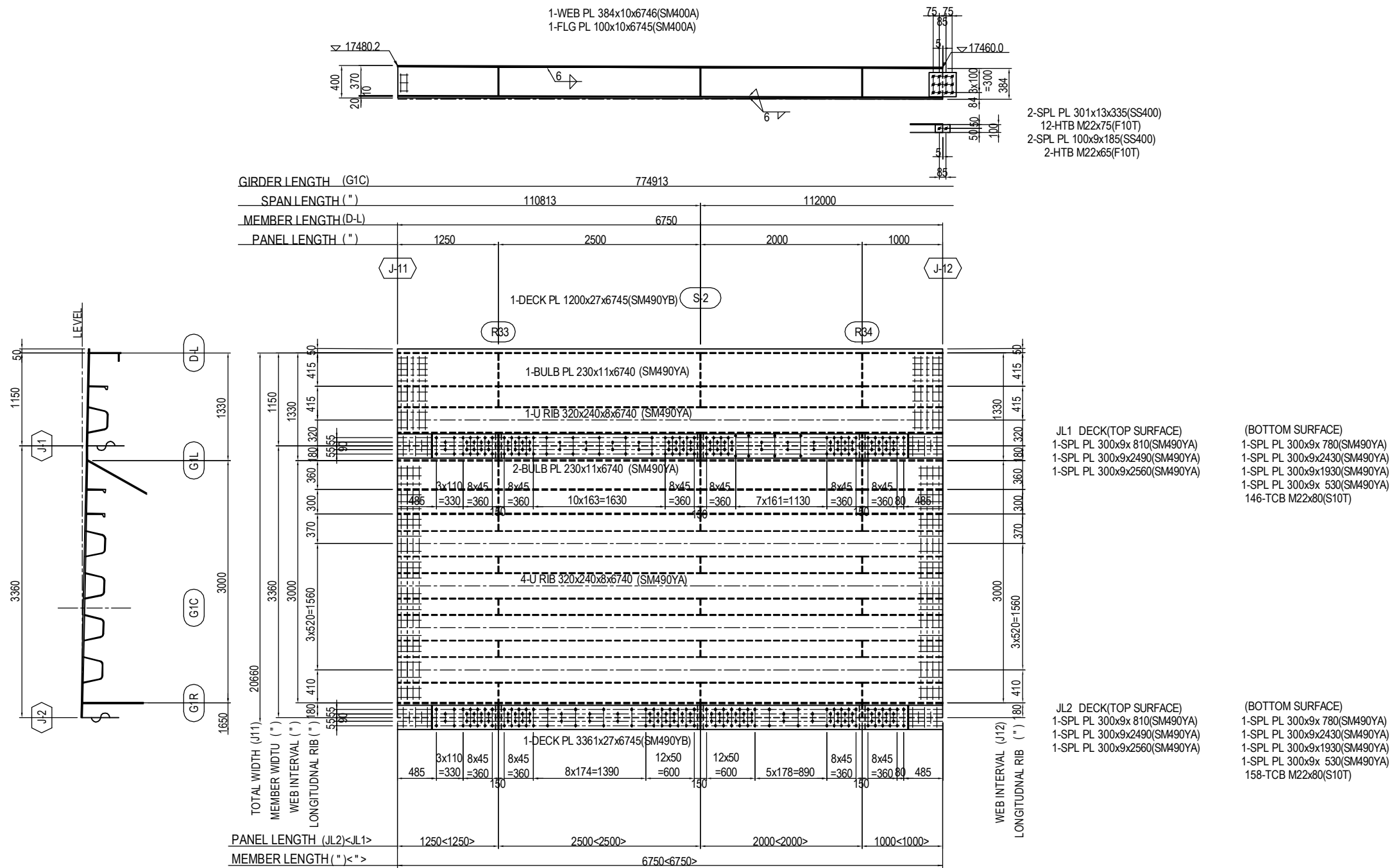


## MARKING DIAGRAM

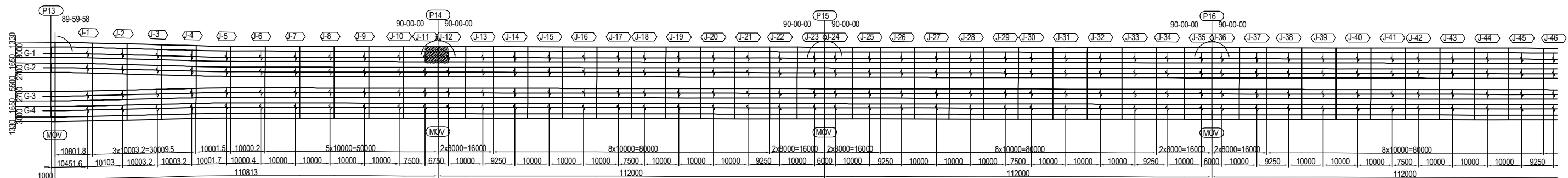


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF DECK PLATE (8)	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1508

# DETAIL OF DECK PLATE (9) S=1:60 (1-12)



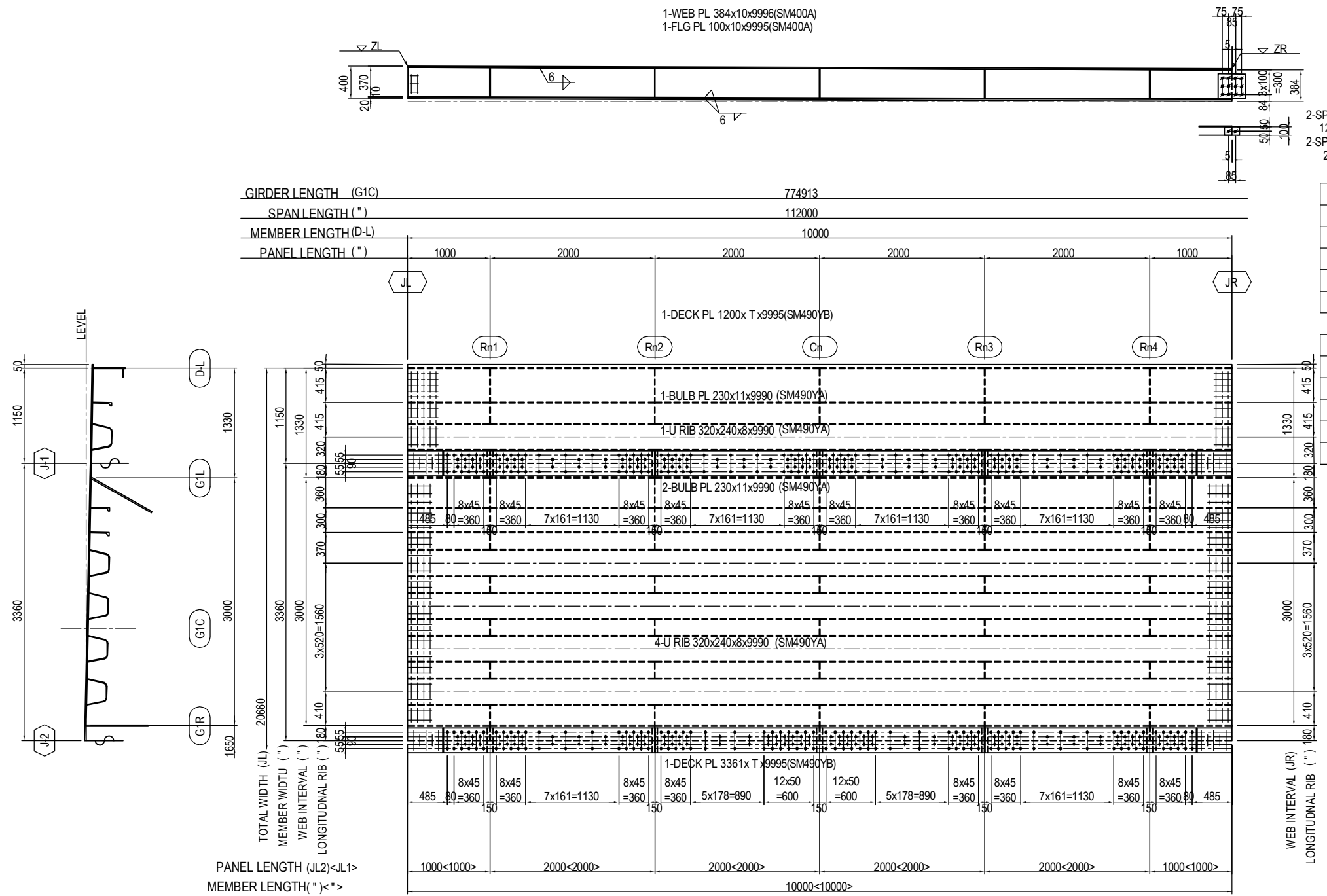
## MARKING DIAGRAM



# DETAIL OF DECK PLATE (10) S=1:60

## (1-13,1-23,1-25,1-35,1-37)

1-WEB PL 384x10x9996(SM400A)  
1-FLG PL 100x10x9995(SM400A)



2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)

	JL	JR	ZL	ZR	Cn	Rn1	Rn2	Rn3	Rn4
1-13	J12	J13	17460	17430	C11	R35	R36	R37	R38
1-23	J22	J23	17172	17142	C21	R65	R66	R67	R68
1-25	J24	J25	17124	17094	C22	R71	R72	R73	R74
1-35	J34	J35	16836	16806	C32	R101	R102	R103	R104
1-37	J36	J37	16788	16758	C33	R107	R108	R109	R110

	T	L
1-13	27	80
1-23	19	75
1-25	19	75
1-35	22	75
1-37	22	75

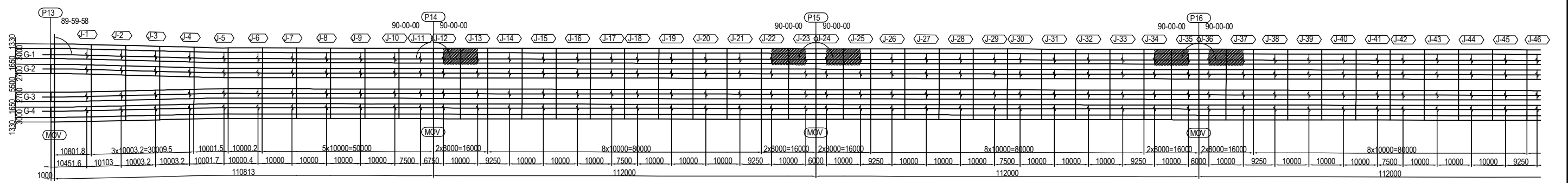
JL1 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)  
1-SPL PL 300x9x3990(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
4-SPL PL 300x9x1930(SM490YA)  
232-TCB M22xL(S10T)

JL2 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)  
1-SPL PL 300x9x3990(SM490YA)

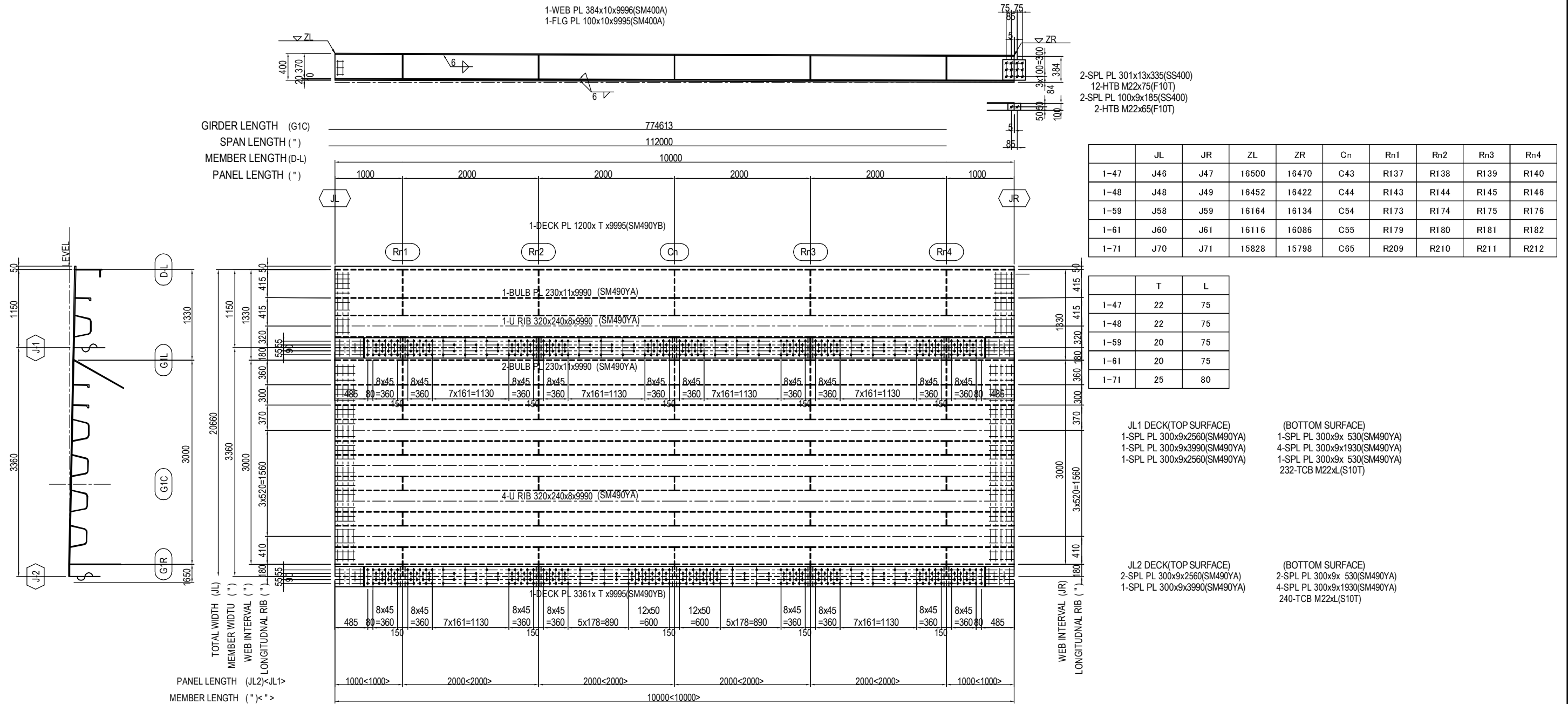
(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
4-SPL PL 300x9x1930(SM490YA)  
240-TCB M22xL(S10T)

### MARKING DIAGRAM

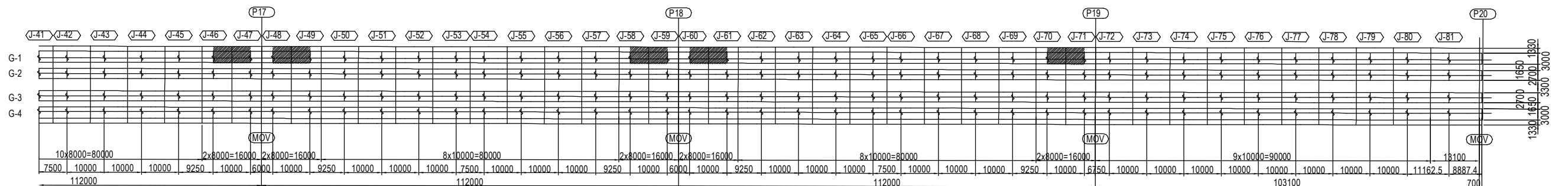


# DETAIL OF DECK PLATE (11) S=1:60

(1-47,1-49,1-59,1-61,1-71)

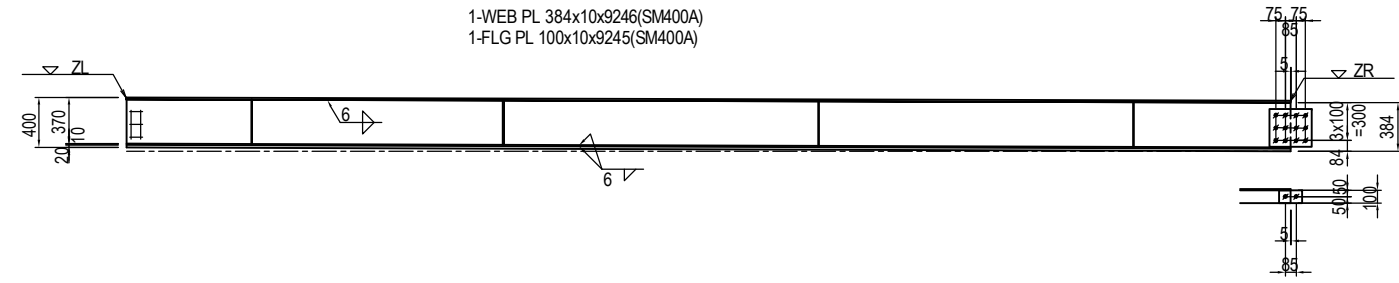


## MARKING DIAGRAM

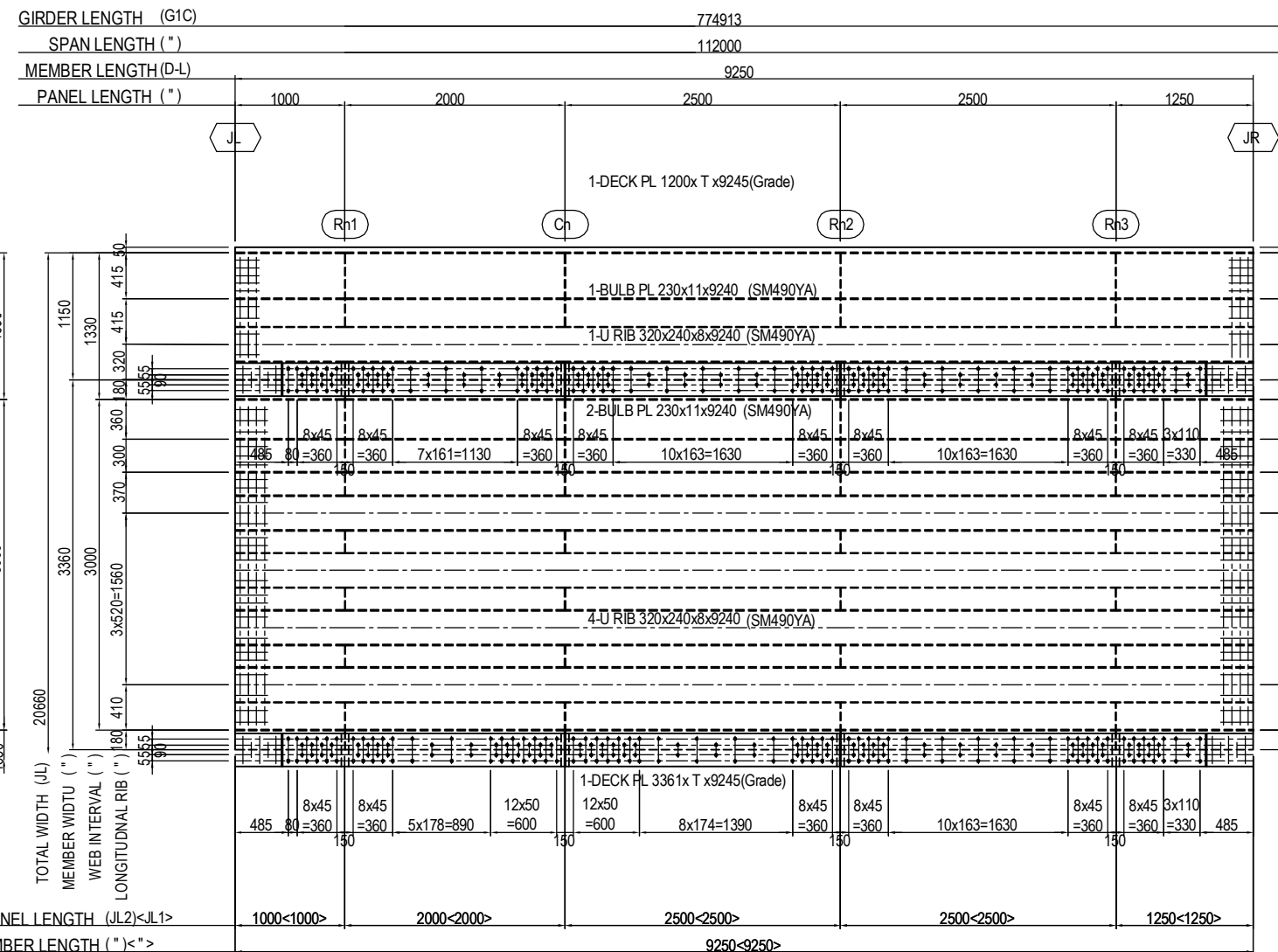


# DETAIL OF DECK PLATE (12) S=1:60

## (1-14,1-26,1-38)



2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)



	JL	JR	ZL	ZR	Cn	Rn1	Rn2	Rn3
1-14	J13	J14	17430	17402.2	C12	R39	R40	R41
1-26	J25	J26	17094	17066.2	C23	R75	R76	R77
1-38	J37	J38	16758	16730.2	C34	R111	R112	R113

	T	Grade	L
1-14	22	SM490YB	75
1-26	16	SM490YA	70
1-38	16	SM490YA	70

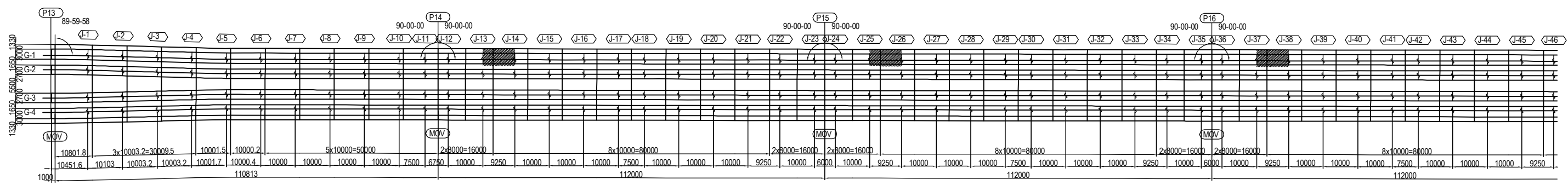
**JL1 DECK(TOP SURFACE)**  
1-SPL PL 300x9x2560(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)  
1-SPL PL 300x9x3310(SM490YA)

**(BOTTOM SURFACE)**  
1-SPL PL 300x9x 530(SM490YA)  
1-SPL PL 300x9x1930(SM490YA)  
2-SPL PL 300x9x2430(SM490YA)  
1-SPL PL 300x9x 780(SM490YA)  
200-TCB M22xL(S10T)

**JL2 DECK(TOP SURFACE)**  
1-SPL PL 300x9x2560(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)  
1-SPL PL 300x9x3310(SM490YA)

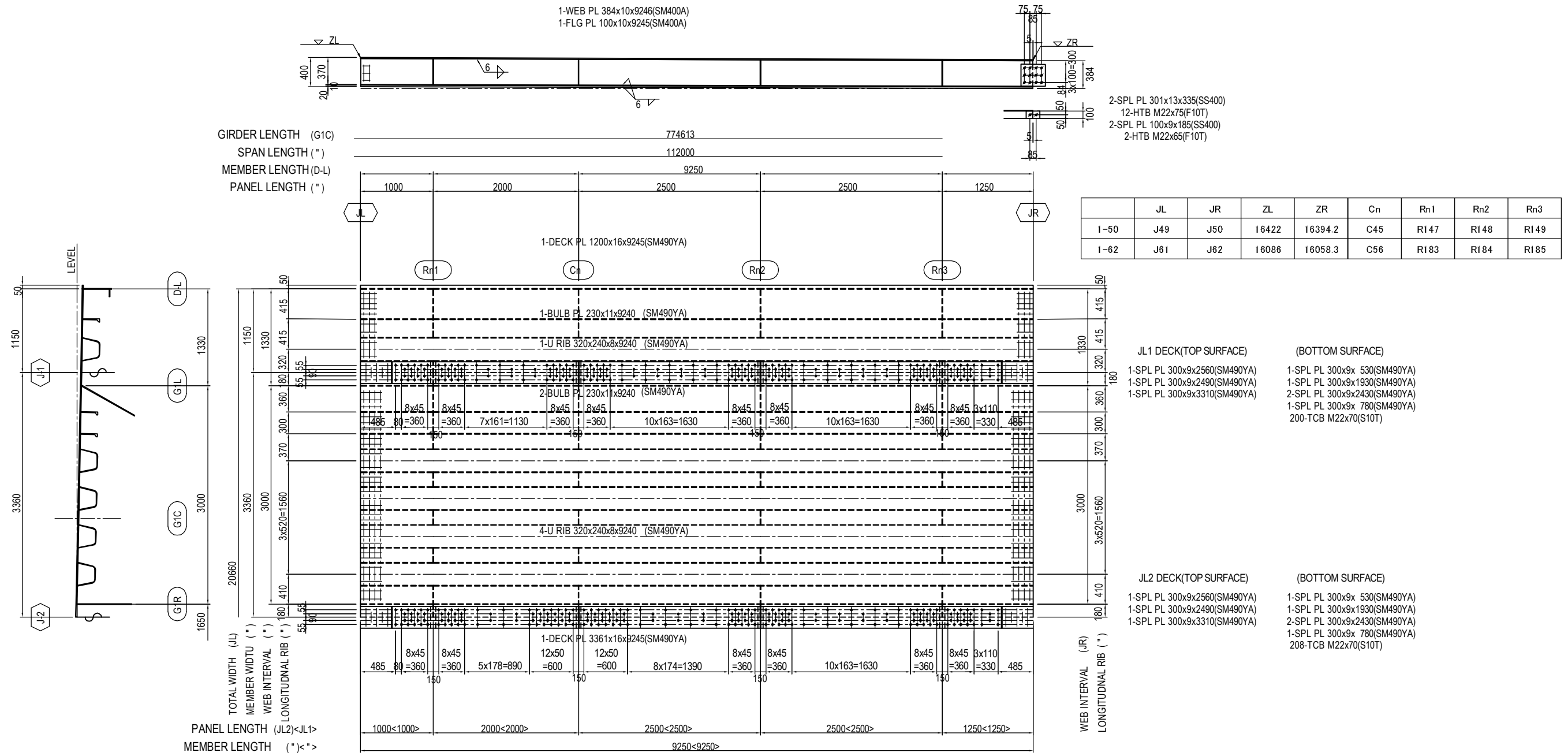
**(BOTTOM SURFACE)**  
1-SPL PL 300x9x 530(SM490YA)  
1-SPL PL 300x9x1930(SM490YA)  
2-SPL PL 300x9x2430(SM490YA)  
1-SPL PL 300x9x 780(SM490YA)  
208-TCB M22xL(S10T)

### MARKING DIAGRAM

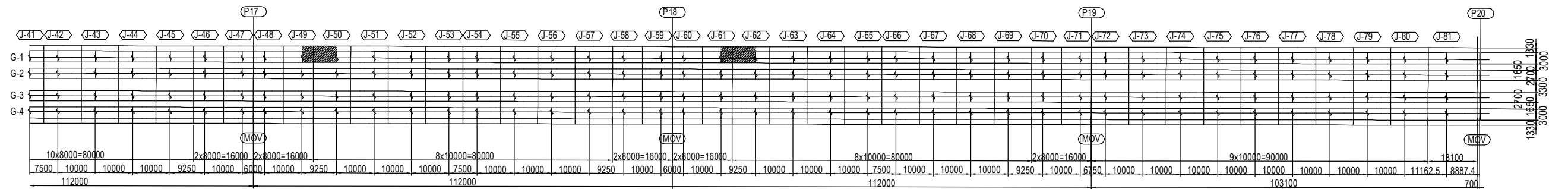


# DETAIL OF DECK PLATE (13) S=1:60

(1-50,1-62)



## MARKING DIAGRAM

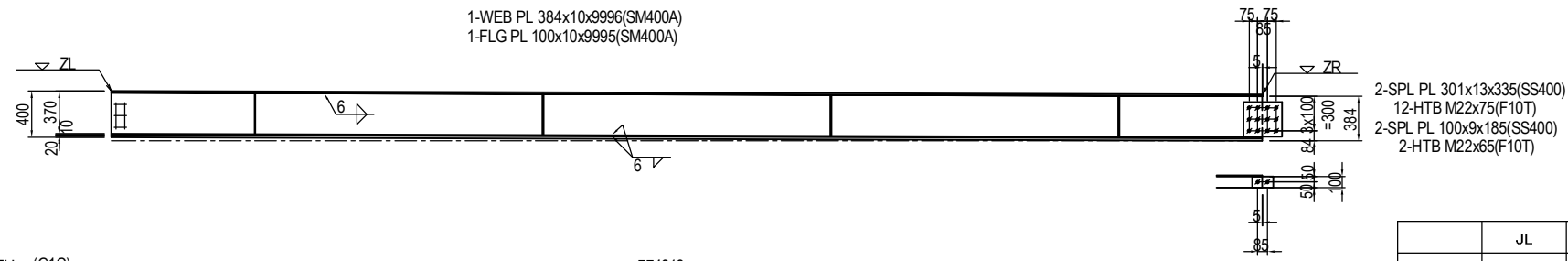


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (13)</b>	PACKAGE 2 DWG No. P2-SB-1513
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# DETAIL OF DECK PLATE (14) S=1:60

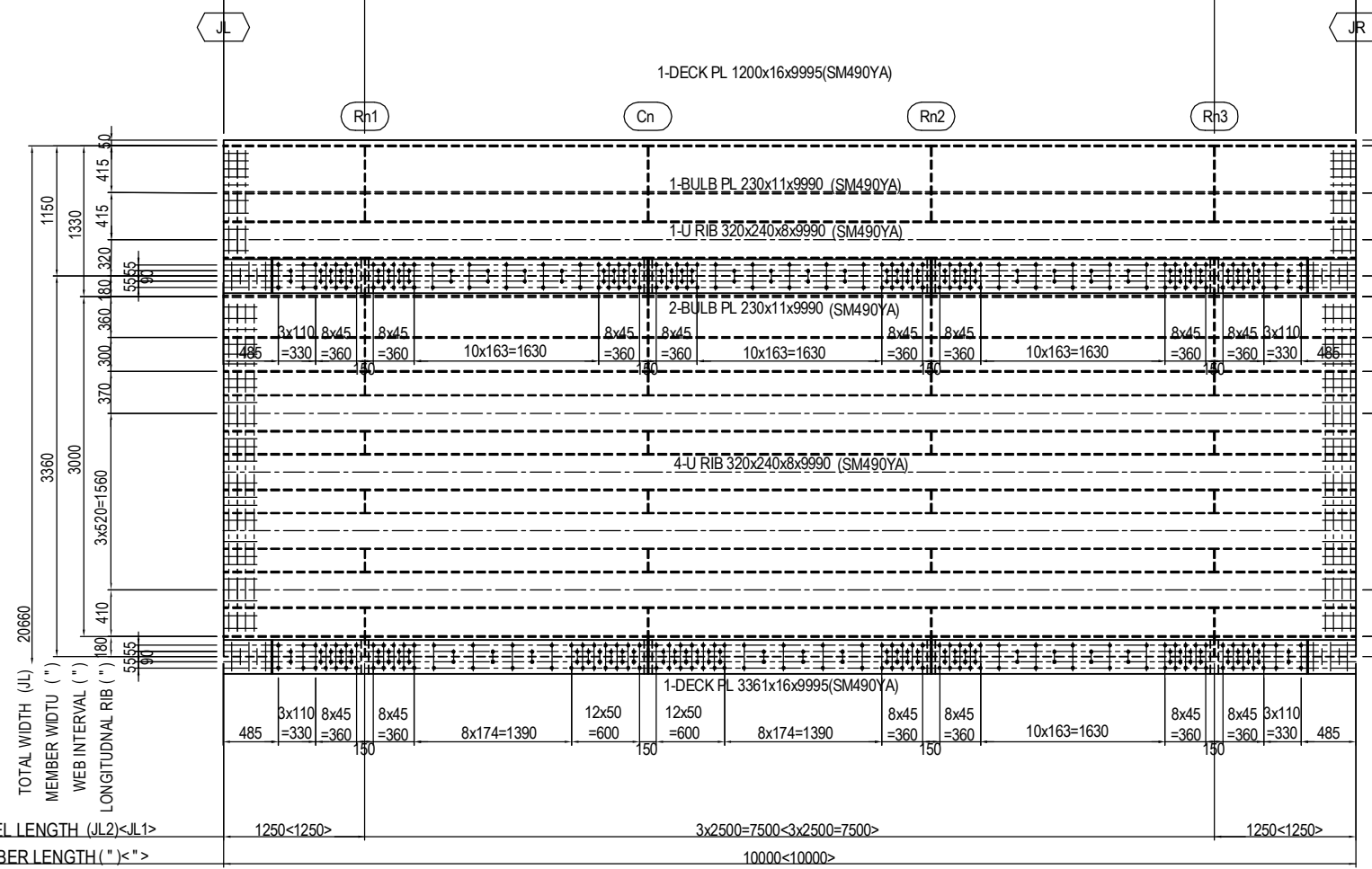
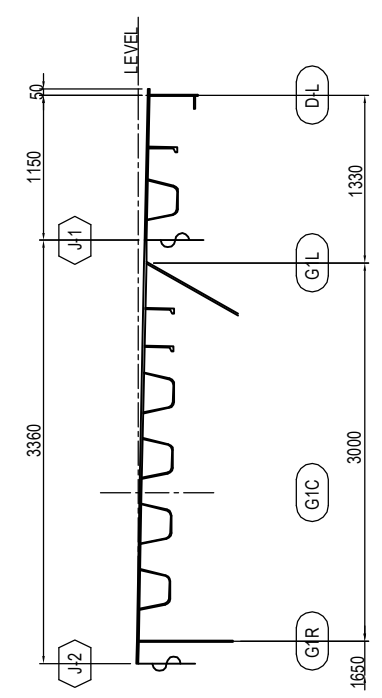
(1-15,1-16,1-17,1-27,1-28,1-29,1-39,1-40,1-41)



GIRDER LENGTH (G1C)	774913
SPAN LENGTH (")	112000
MEMBER LENGTH (D-L)	10000
PANEL LENGTH (")	1250
	3x2500=7500
	1250

2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)

	JL	JR	ZL	ZR	Cn	Rn1	Rn2	Rn3
1-15	J14	J15	17402.2	17372.2	C13	R42	R43	R44
1-16	J15	J16	17372.2	17342.2	C14	R45	R46	R47
1-17	J16	J17	17342.2	17312.2	C16	R48	R49	R50
1-27	J26	J27	17066.2	17036.2	C24	R78	R79	R80
1-28	J27	J28	17036.2	17006.2	C25	R81	R82	R83
1-29	J28	J29	17006.2	16976.2	C26	R84	R85	R86
1-39	J38	J39	16730.2	16700.2	C35	R114	R115	R116
1-40	J39	J40	16700.2	16670.2	C36	R117	R118	R119
1-41	J40	J41	16670.2	16640.2	C37	R120	R121	R122



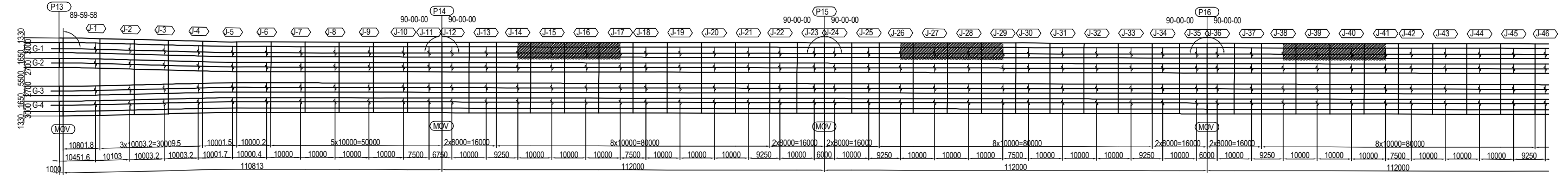
JL1 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
210-TCB M22x70(S10T)

JL2 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

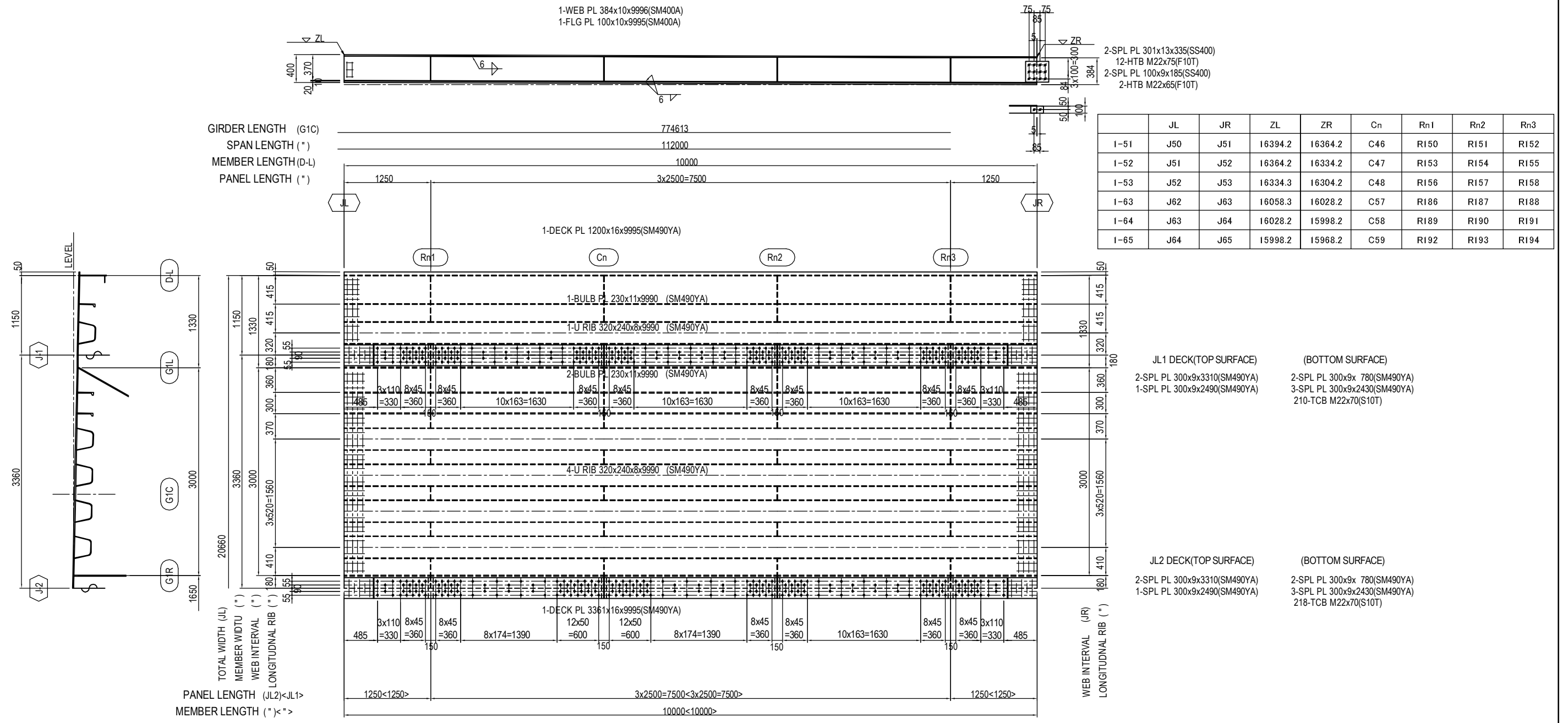
## MARKING DIAGRAM



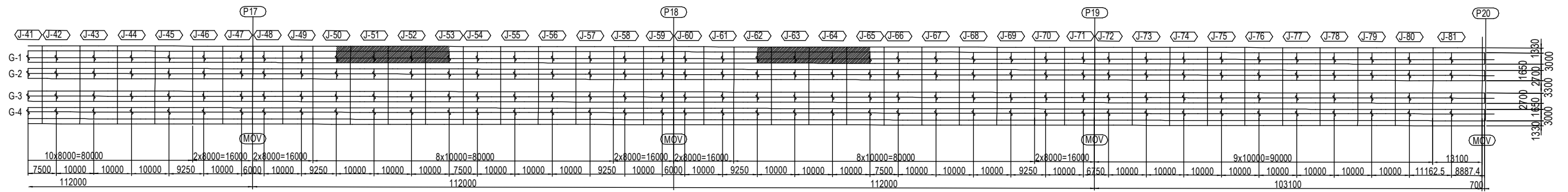
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF DECK PLATE (14)	PACKAGE 2 DWG No. P2-SB-1514
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# DETAIL OF DECK PLATE (15) S=1:60

(1-51,1-52,1-53,1-63,1-64,1-65)

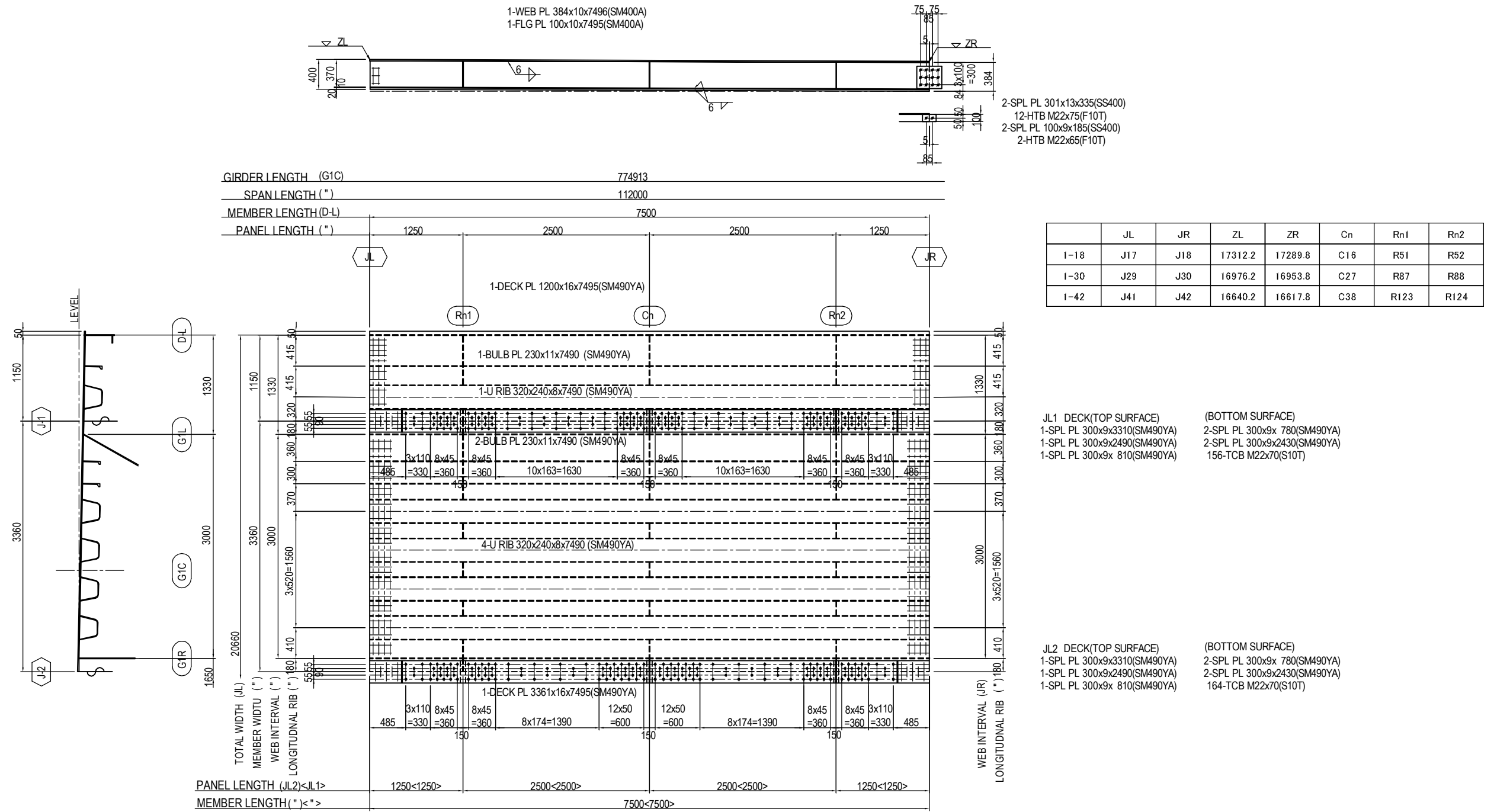


## MARKING DIAGRAM

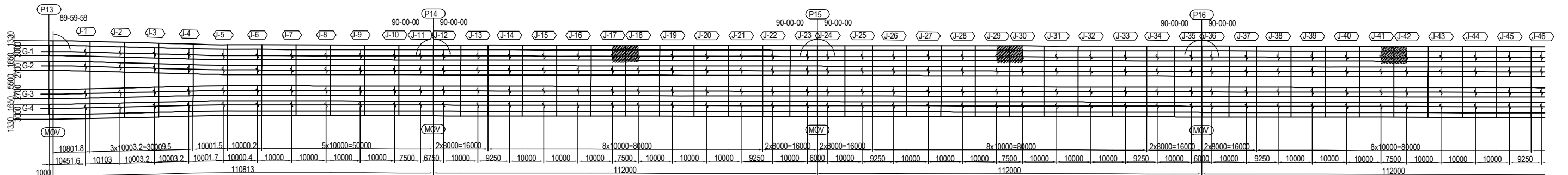


# DETAIL OF DECK PLATE (16) S=1:60

## (1-18,1-30,1-42)

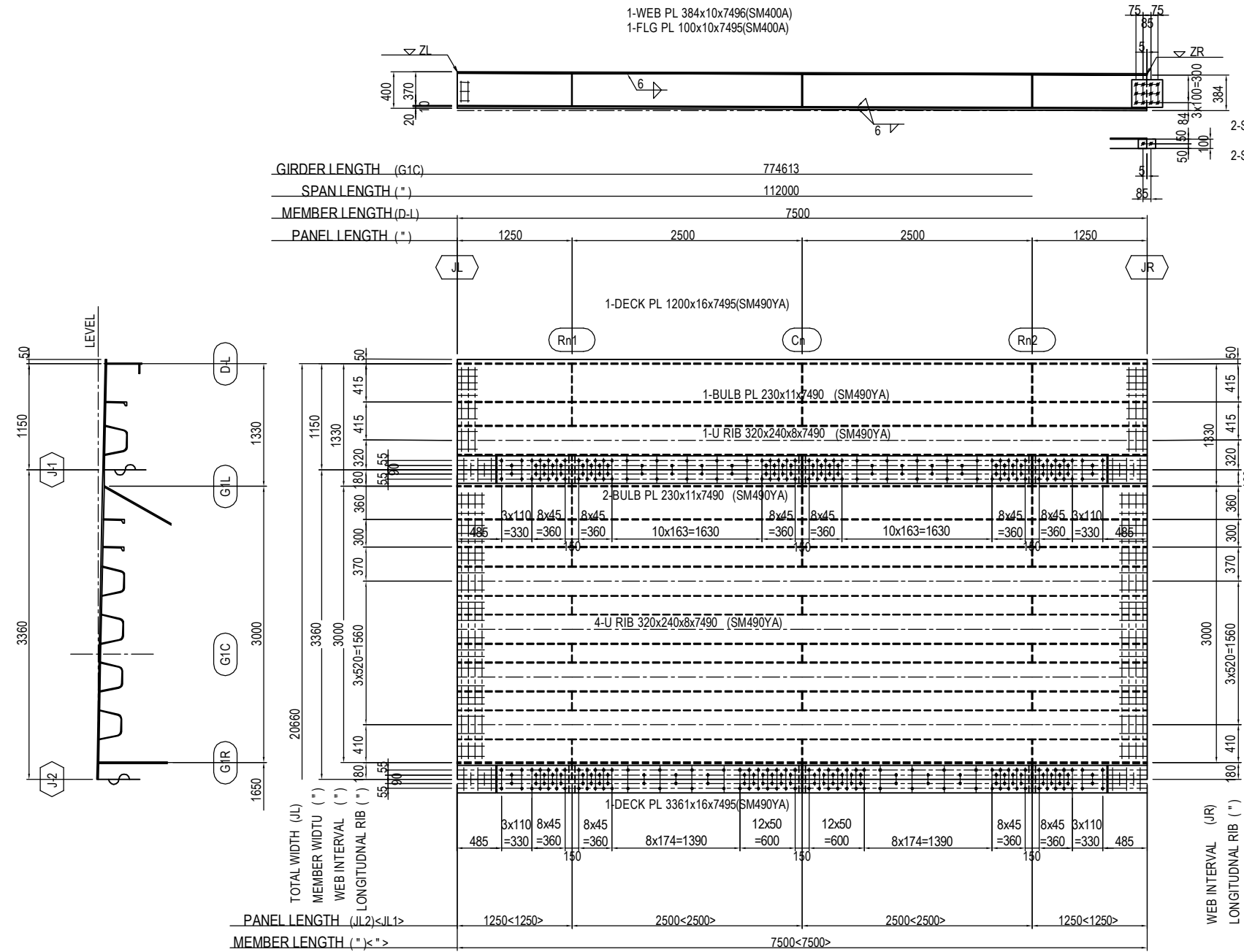


### MARKING DIAGRAM



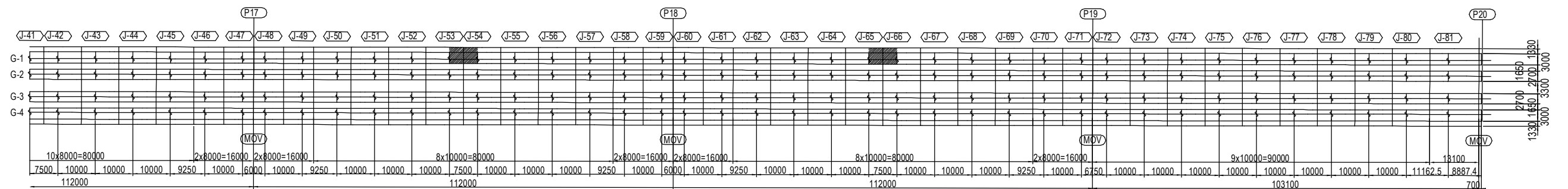
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (16)</b>	PACKAGE 2 DWG No. P2-SB-1516
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# DETAIL OF DECK PLATE (17) S=1:60 (1-54,1-66)



- |                              |                              |
|------------------------------|------------------------------|
| <b>JL1 DECK(TOP SURFACE)</b> | <b>(BOTTOM SURFACE)</b>      |
| 1-SPL PL 300x9x3310(SM490YA) | 2-SPL PL 300x9x 780(SM490YA) |
| 1-SPL PL 300x9x2490(SM490YA) | 2-SPL PL 300x9x2430(SM490YA) |
| 1-SPL PL 300x9x 810(SM490YA) | 156-TCB M22x70(S10T)         |
- 
- |                              |                              |
|------------------------------|------------------------------|
| <b>JL2 DECK(TOP SURFACE)</b> | <b>(BOTTOM SURFACE)</b>      |
| 1-SPL PL 300x9x3310(SM490YA) | 2-SPL PL 300x9x 780(SM490YA) |
| 1-SPL PL 300x9x2490(SM490YA) | 2-SPL PL 300x9x2430(SM490YA) |
| 1-SPL PL 300x9x 810(SM490YA) | 164-TCB M22x70(S10T)         |

## MARKING DIAGRAM



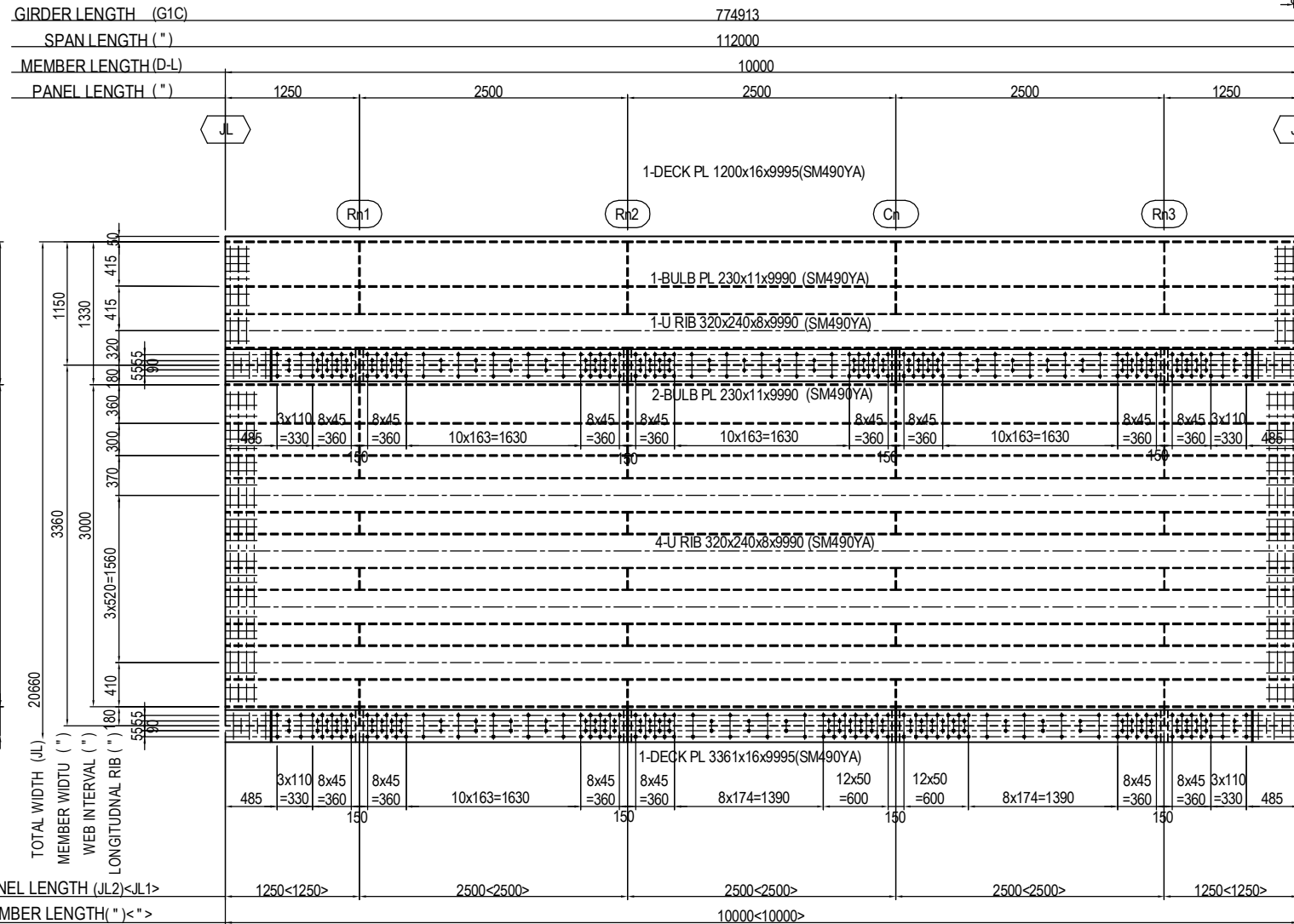
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE <b>DETAIL OF DECK PLATE (17)</b>	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
APPROVED BY	Y. SANO		21 Jun.2017	P2-SB-1517					

# DETAIL OF DECK PLATE (18) S=1:60

(1-19,1-20,1-21,1-31,1-32,1-33,1-43,1-44,1-45)

1-WEB PL 384x10x9996(SM400A)  
1-FLG PL 100x10x9995(SM400A)

2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)



	JL	JR	ZL	ZR	Cn	Rn1	Rn2	Rn3
1-19	J18	J19	17289.8	17259.8	C17	R53	R54	R55
1-20	J19	J20	17259.8	17229.8	C18	R56	R57	R58
1-21	J20	J21	17229.8	17199.8	C19	R59	R60	R61
1-31	J30	J31	16953.8	16923.8	C28	R89	R90	R91
1-32	J31	J32	16923.8	16893.8	C29	R92	R93	R94
1-33	J32	J33	16893.8	16863.8	C30	R95	R96	R97
1-43	J42	J43	16617.8	16587.8	C39	R125	R126	R127
1-44	J43	J44	16587.8	16557.8	C40	R128	R129	R130
1-45	J44	J45	16557.8	16527.8	C41	R131	R132	R133

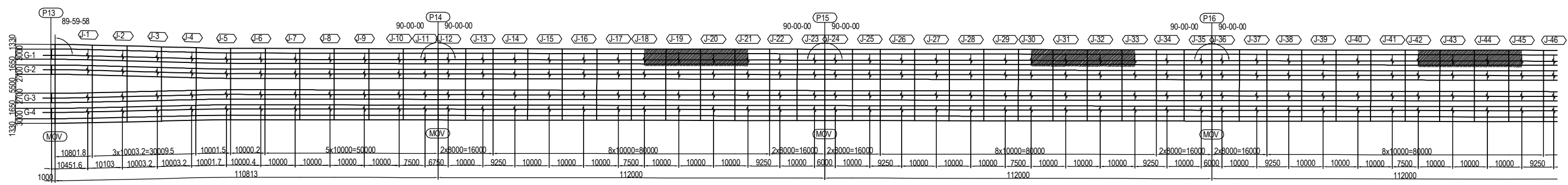
**JL1 DECK(TOP SURFACE)**  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

**(BOTTOM SURFACE)**  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

**JL2 DECK(TOP SURFACE)**  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

**(BOTTOM SURFACE)**  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

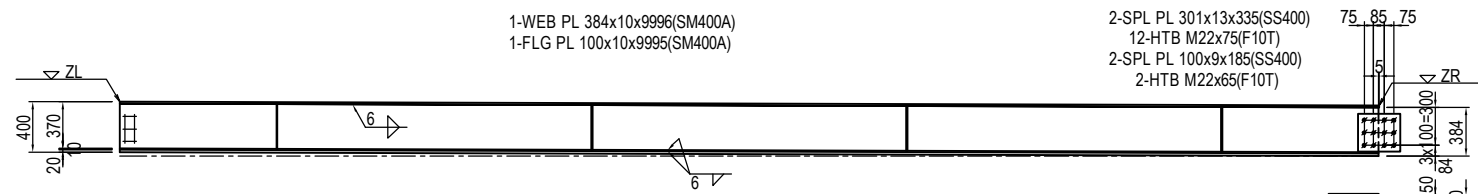
## MARKING DIAGRAM



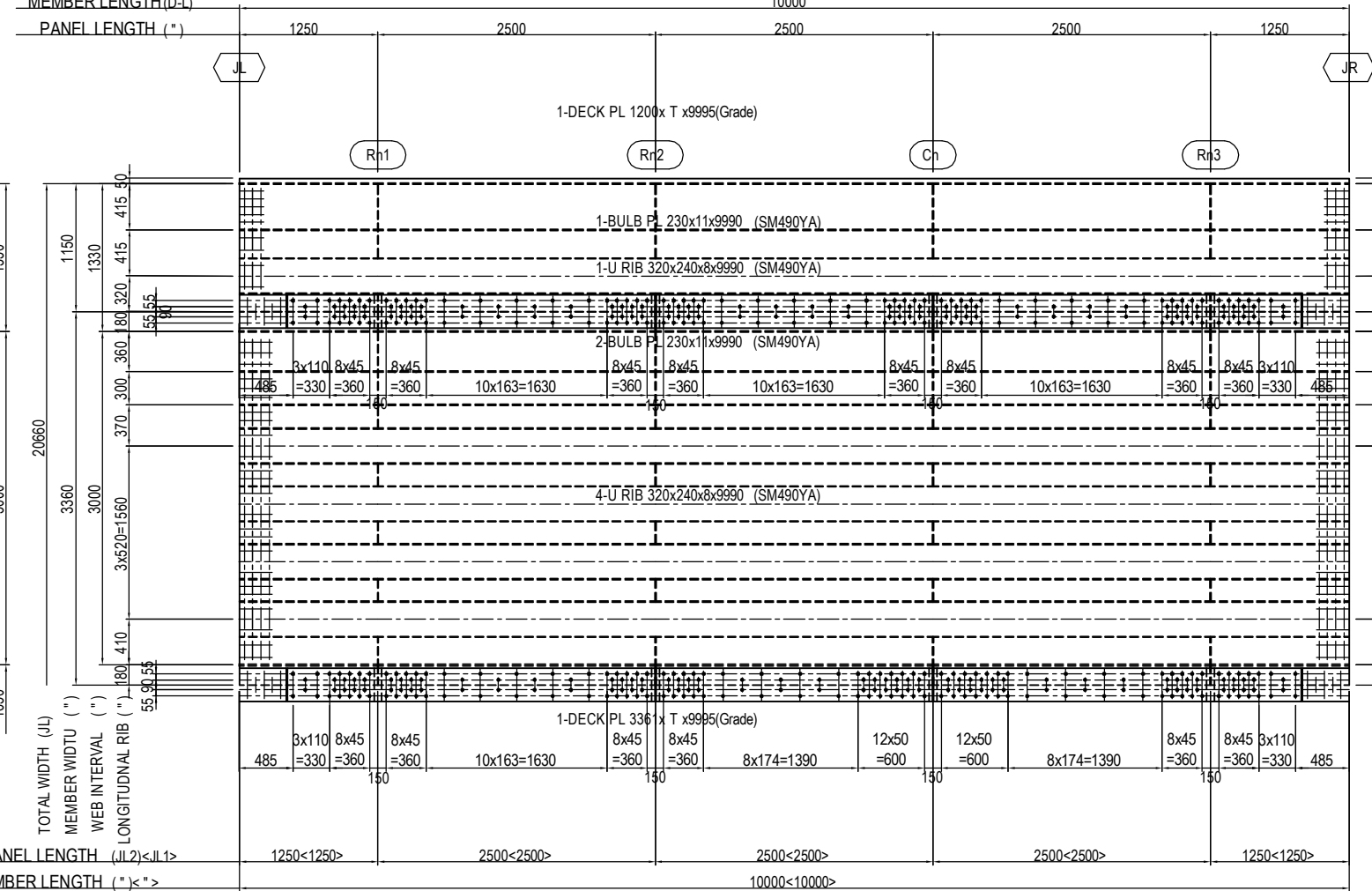
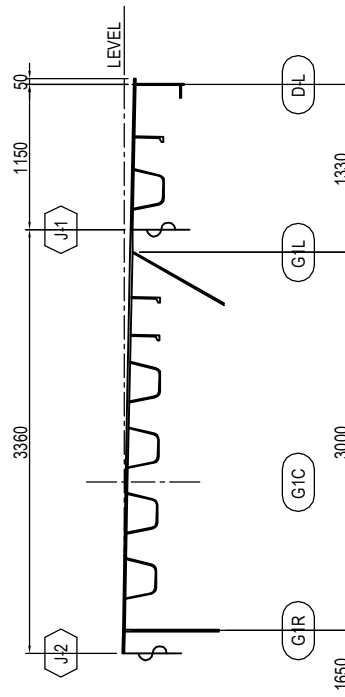
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (18)</h3>	PACKAGE 2 DWG No. P2-SB-1518
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (19) S=1:60

(1-55,1-56,1-57,1-67,1-68,1-69,1-73,1-74,1-75,1-76,1-77,1-78,1-79,1-80)



GIRDER LENGTH (G1C)	774613
SPAN LENGTH (")	112000
MEMBER LENGTH(D-L)	10000
PANEL LENGTH (")	1250 2500 2500 2500 1250



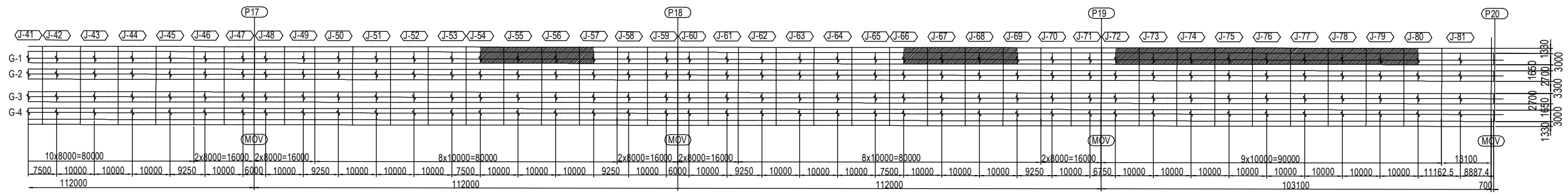
TOTAL WIDTH (JL)	20660
MEMBER WIDTH (")	3360
WEB INTERVAL (")	3000
LONGITUDINAL RIB (")	3x1520=1560
PANEL LENGTH (JL2) < JL1 >	1250 < 1250 > 2500 < 2500 > 2500 < 2500 > 2500 < 2500 > 1250 < 1250 >
MEMBER LENGTH (") < " >	10000 < 10000 >

	JL	JR	ZL	ZR	Cn	Rn1	Rn2	Rn3
1-55	J54	J55	16281.8	16251.8	C50	R161	R162	R163
1-56	J55	J56	16251.8	16221.8	C51	R164	R165	R166
1-57	J56	J57	16221.8	16191.8	C52	R167	R168	R169
1-67	J66	J67	15945.8	15915.8	C61	R197	R198	R199
1-68	J67	J68	15915.8	15885.8	C62	R200	R201	R202
1-69	J68	J69	15885.8	15855.8	C63	R203	R204	R205
1-73	J72	J73	15777.8	15747.8	C66	R215	R216	R217
1-74	J73	J74	15747.8	15717.8	C67	R218	R219	R220
1-75	J74	J75	15717.8	15687.8	C68	R221	R222	R223
1-76	J75	J76	15687.8	15657.8	C69	R224	R225	R226
1-77	J76	J77	15657.8	15627.8	C70	R227	R228	R229
1-78	J77	J78	15627.8	15597.8	C71	R230	R231	R232
1-79	J78	J79	15597.8	15567.8	C72	R233	R234	R235
1-80	J79	J80	15567.8	15537.8	C73	R236	R237	R238

	T	Grade	L
1-55	16	SM490YA	70
1-56	16	SM490YA	70
1-57	16	SM490YA	70
1-67	16	SM490YA	70
1-68	16	SM490YA	70
1-69	16	SM490YA	70
1-73	25	SM490YB	80
1-74	16	SM490YA	70
1-75	16	SM490YA	70
1-76	16	SM490YA	70
1-77	16	SM490YA	70
1-78	16	SM490YA	70
1-79	16	SM490YA	70
1-80	16	SM490YA	70

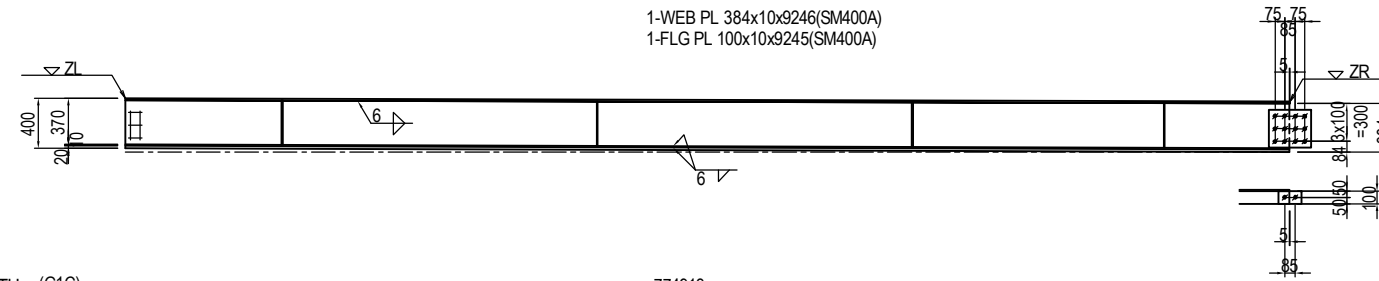
JL1 DECK(TOP SURFACE)	(BOTTOM SURFACE)
2-SPL PL 300x9x3310(SM490YA)	2-SPL PL 300x9x 780(SM490YA)
1-SPL PL 300x9x2490(SM490YA)	3-SPL PL 300x9x2430(SM490YA)
	210-TCB M22xL(S10T)
JL2 DECK(TOP SURFACE)	(BOTTOM SURFACE)
2-SPL PL 300x9x3310(SM490YA)	2-SPL PL 300x9x 780(SM490YA)
1-SPL PL 300x9x2490(SM490YA)	3-SPL PL 300x9x2430(SM490YA)
	218-TCB M22xL(S10T)

## MARKING DIAGRAM



# DETAIL OF DECK PLATE (20) S=1:60

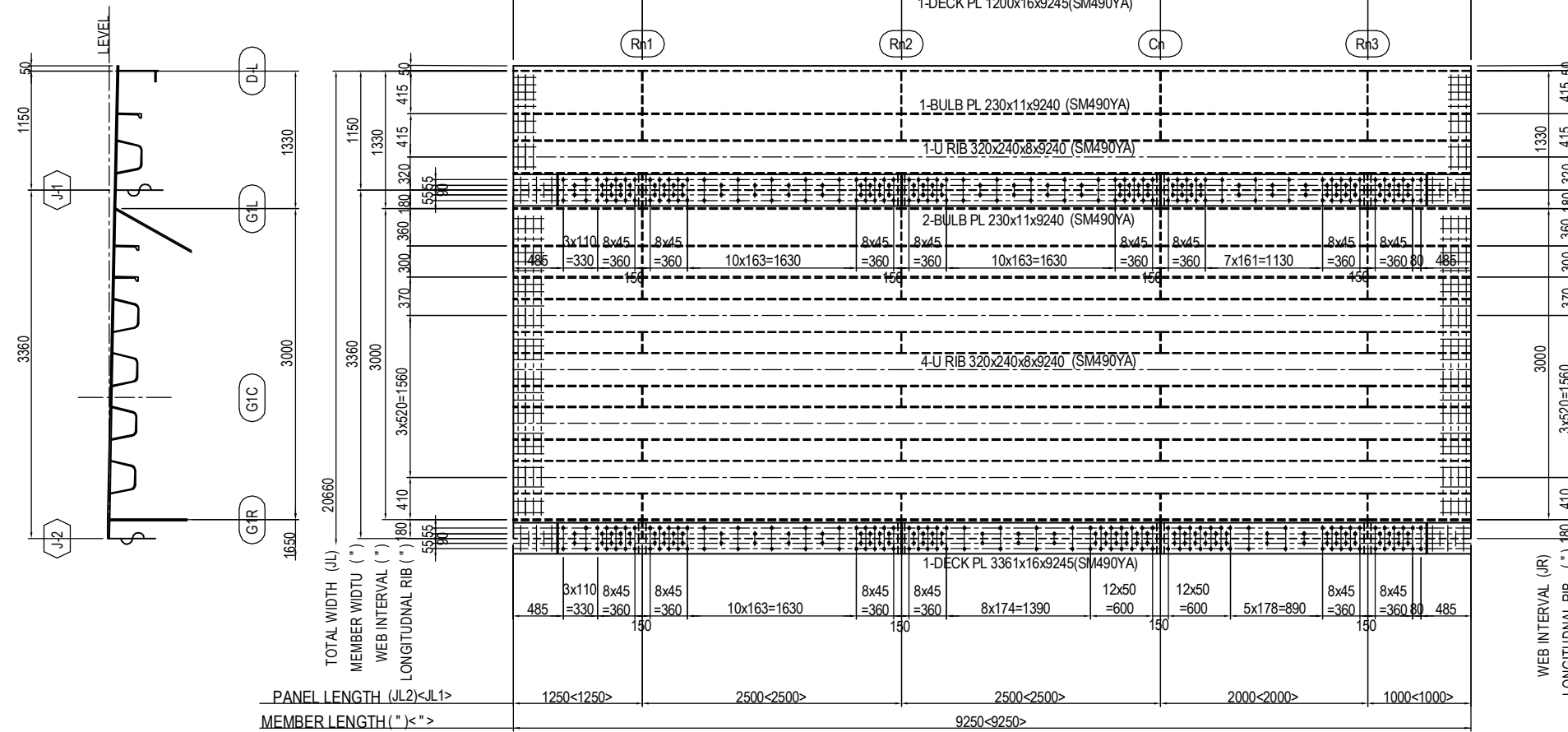
## (1-22,1-34,1-46)



2-SPL PL 301x13x335(SS400)  
 12-HTB M22x75(F10T)  
 2-SPL PL 100x9x185(SS400)  
 2-HTB M22x65(F10T)

GIRDER LENGTH (G1C)	774913
SPAN LENGTH (" )	112000
MEMBER LENGTH(D-L)	9250
PANEL LENGTH (" )	1250    2500    2500    2000    1000

	JL	JR	ZL	ZR	Cn	Rn1	Rn2	Rn3
1-22	J21	J22	17199.8	17172	C20	R62	R63	R64
1-34	J33	J34	16863.8	16836	C31	R98	R99	R100
1-46	J45	J46	16527.8	16500	C42	R134	R135	R136



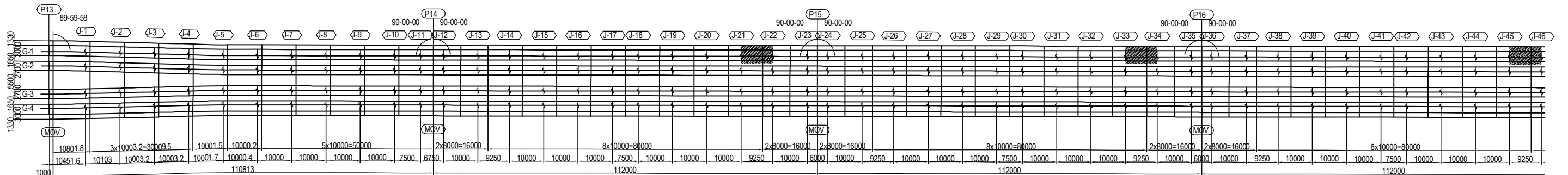
JL1 DECK(TOP SURFACE)  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 208-TCB M22x70(S10T)

JL2 DECK(TOP SURFACE)  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 208-TCB M22x70(S10T)

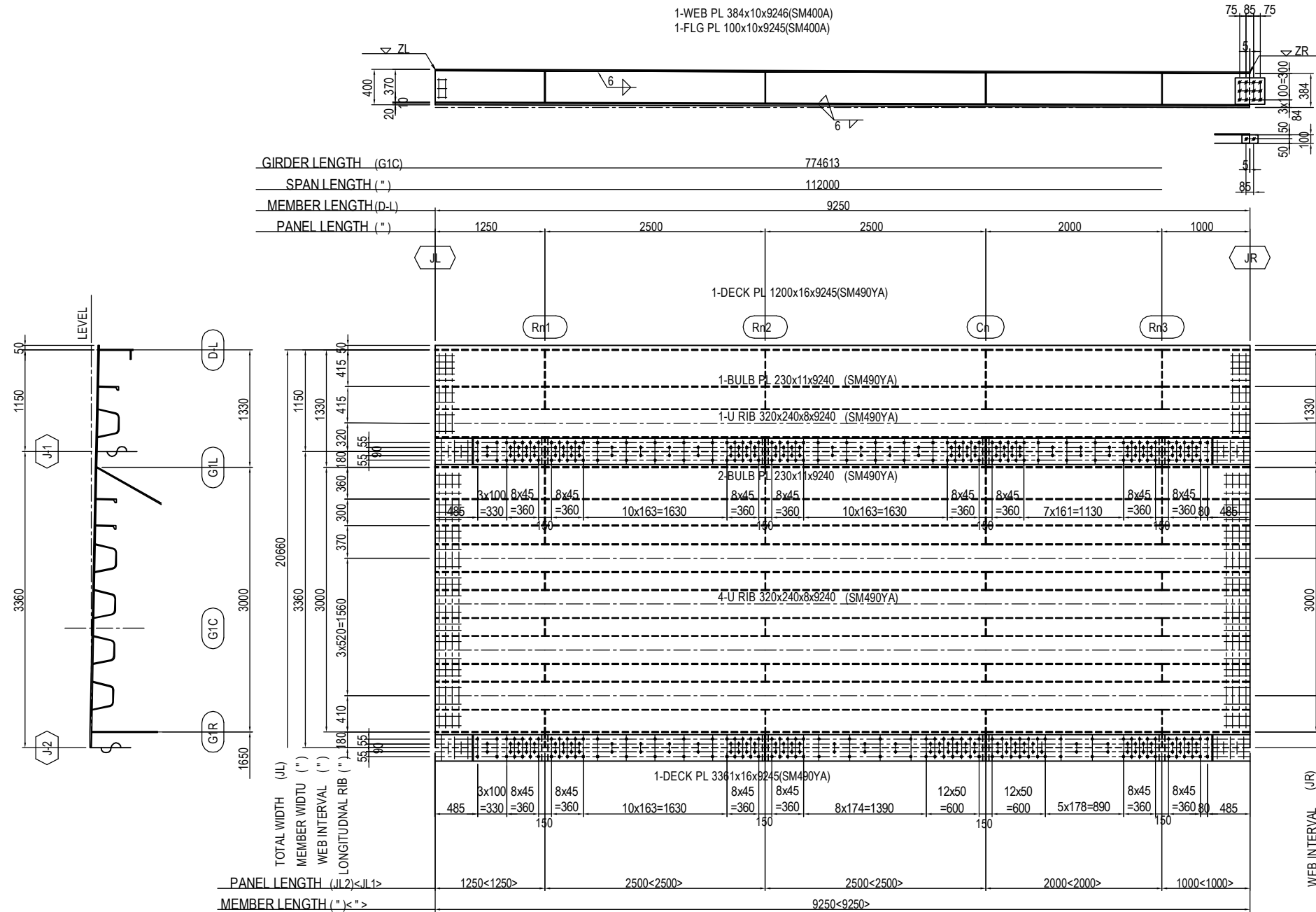
### MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF DECK PLATE (20)	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		2
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1520

# DETAIL OF DECK PLATE (21) S=1:60

## (1-58,1-70)



2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)

	JL	JR	ZL	ZR	Cn	Rn1	Rn2	Rn3
1-58	J57	J58	16191.8	16164	C53	R170	R171	R172
1-70	J69	J70	15855.8	15828	C64	R206	R207	R208

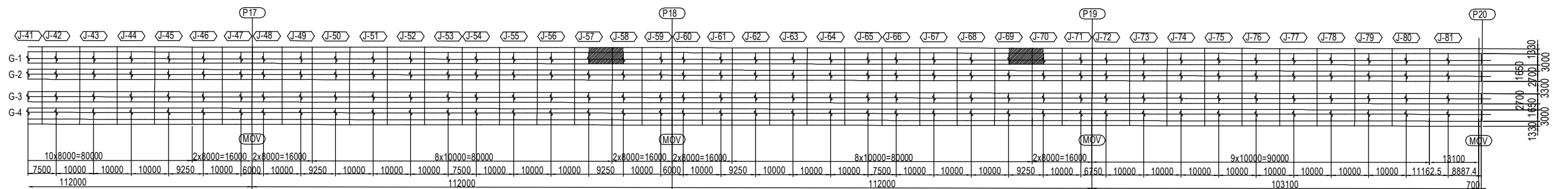
**JL1 DECK(TOP SURFACE)**  
1-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)  
1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
1-SPL PL 300x9x 780(SM490YA)  
2-SPL PL 300x9x2430(SM490YA)  
1-SPL PL 300x9x1930(SM490YA)  
1-SPL PL 300x9x 530(SM490YA)  
200-TCB M22x70(S10T)

**JL2 DECK(TOP SURFACE)**  
1-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)  
1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
1-SPL PL 300x9x 780(SM490YA)  
2-SPL PL 300x9x2430(SM490YA)  
1-SPL PL 300x9x1930(SM490YA)  
1-SPL PL 300x9x 530(SM490YA)  
208-TCB M22x70(S10T)

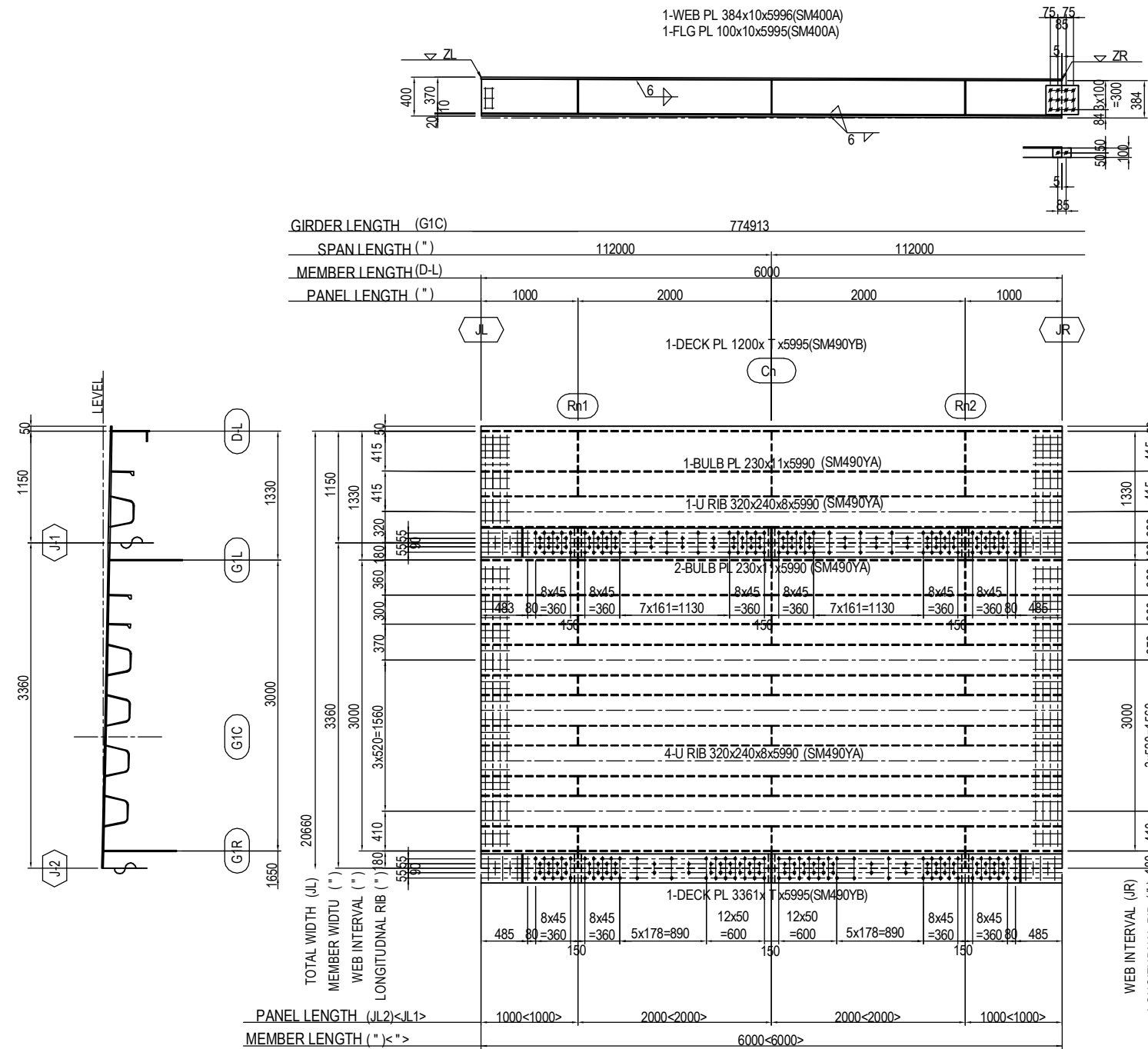
### MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (21)</b>	PACKAGE 2 DWG No. P2-SB-1521
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# DETAIL OF DECK PLATE (22) S=1:60 (1-24,1-36)



1-WEB PL 384x10x5996(SM400A)  
1-FLG PL 100x10x5995(SM400A)

2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)

GIRDER LENGTH (G1C)	774913	
SPAN LENGTH (" )	112000	112000
MEMBER LENGTH (D-L)	6000	
PANEL LENGTH (" )	1000	2000

	JL	JR	ZL	ZR	Cn	Rn1	Rn2	T
1-24	J23	J24	17142	17124	S3	R69	R70	19
1-36	J35	J36	16806	16788	S4	R105	R106	22

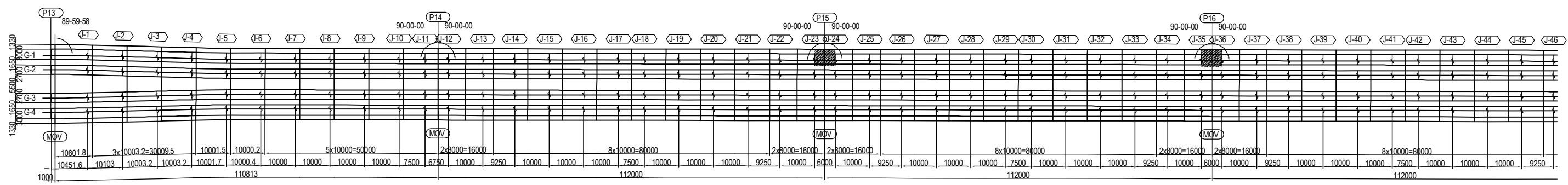
JL1 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
136-TCB M22x75(S10T)

JL2 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

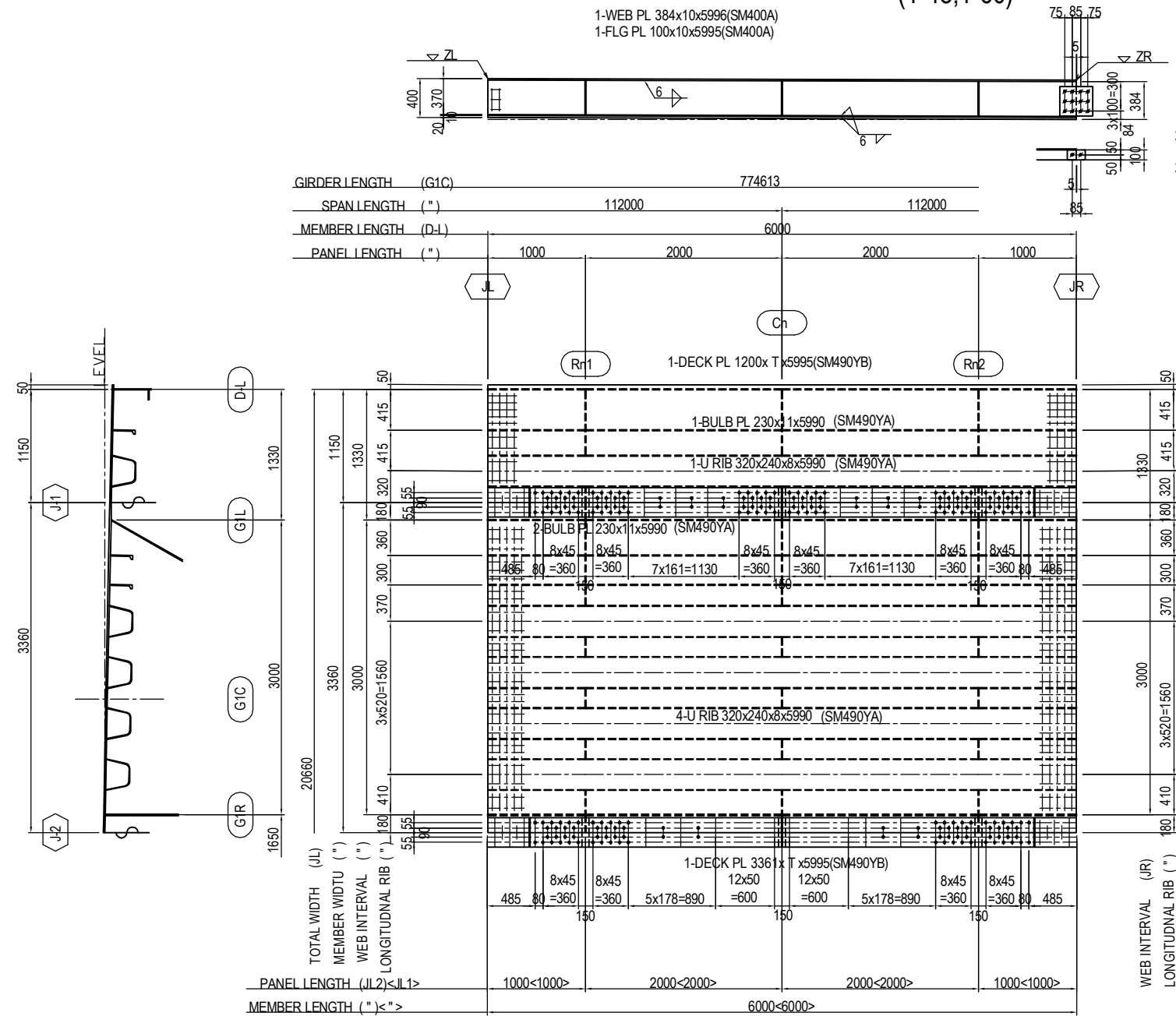
(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

## MARKING DIAGRAM



# DETAIL OF DECK PLATE (23) S=1:60

(1-48,1-60)



2-SPL PL 301x13x335(SS400)  
12-HTB M22x75(F10T)  
2-SPL PL 100x9x185(SS400)  
2-HTB M22x65(F10T)

	JL	JR	ZL	ZR	Cn	Rn1	Rn2	T
1-48	J47	J48	16470	16452	S5	R141	R142	21
1-60	J59	J60	16134	16116	S6	R177	R178	20

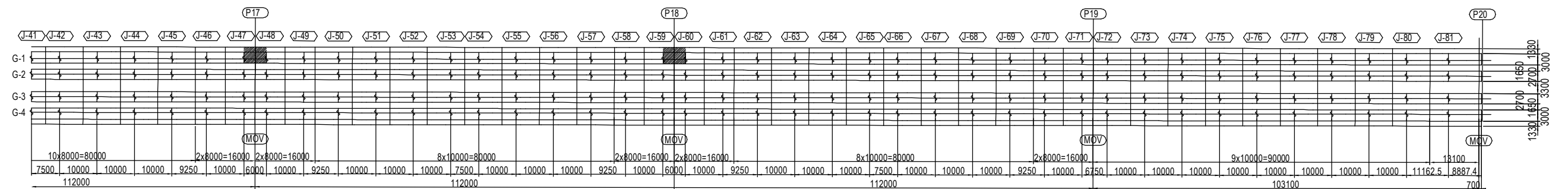
JL1 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
136-TCB M22x75(S10T)

JL2 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

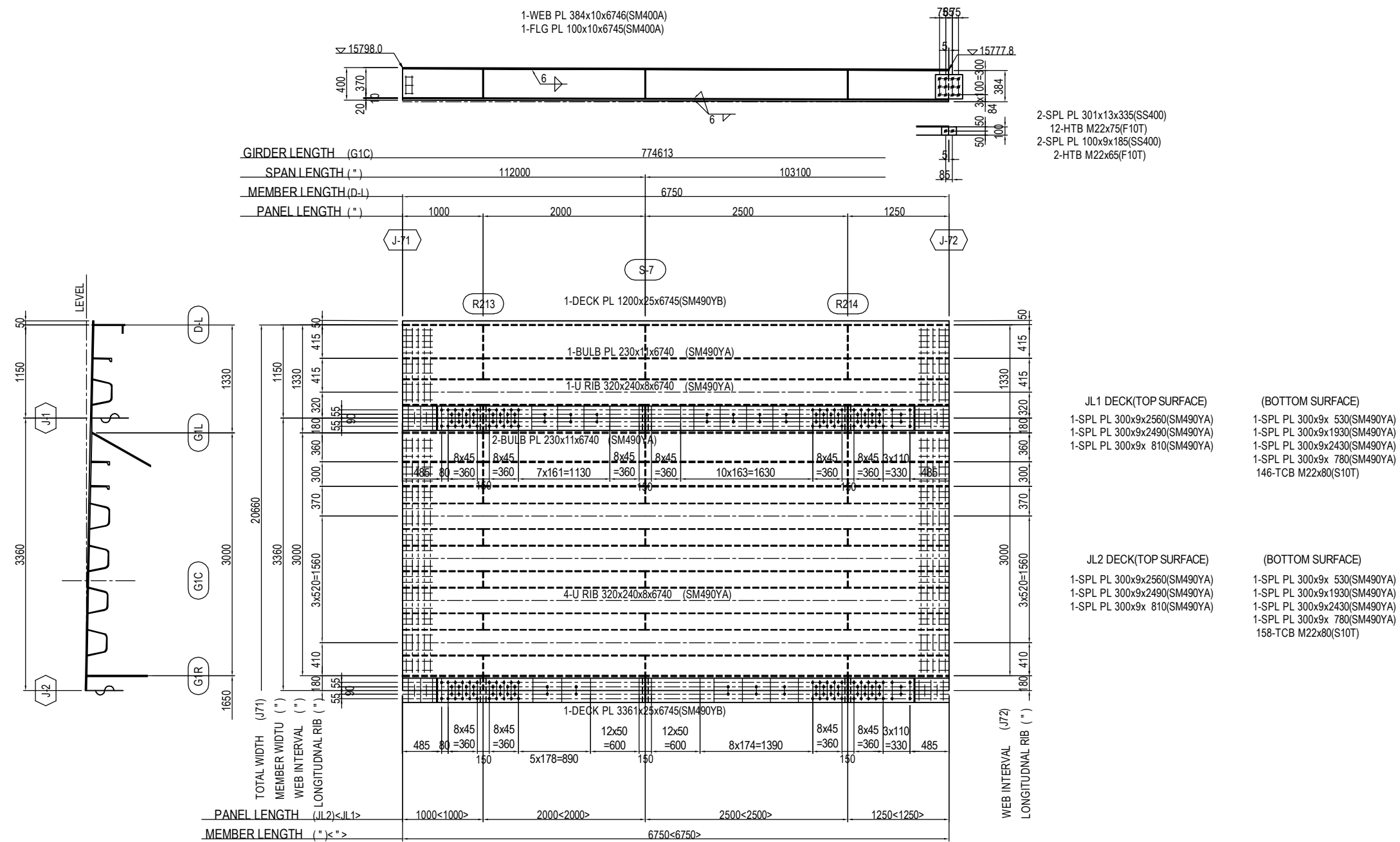
## MARKING DIAGRAM



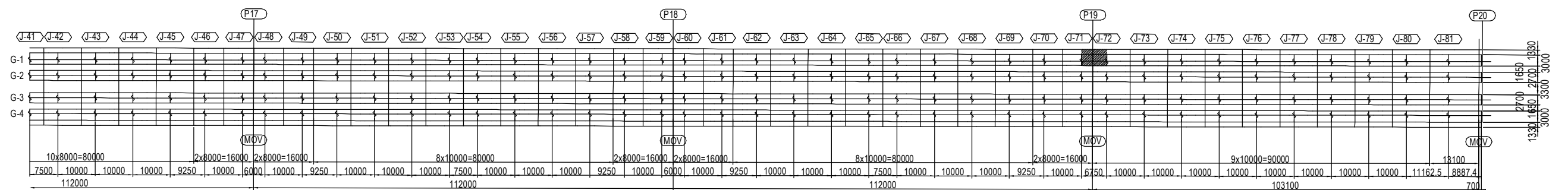
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF DECK PLATE (23)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO			21 Jun.2017	P2-SB-1523

# DETAIL OF DECK PLATE (24) S=1:60

(1-72)



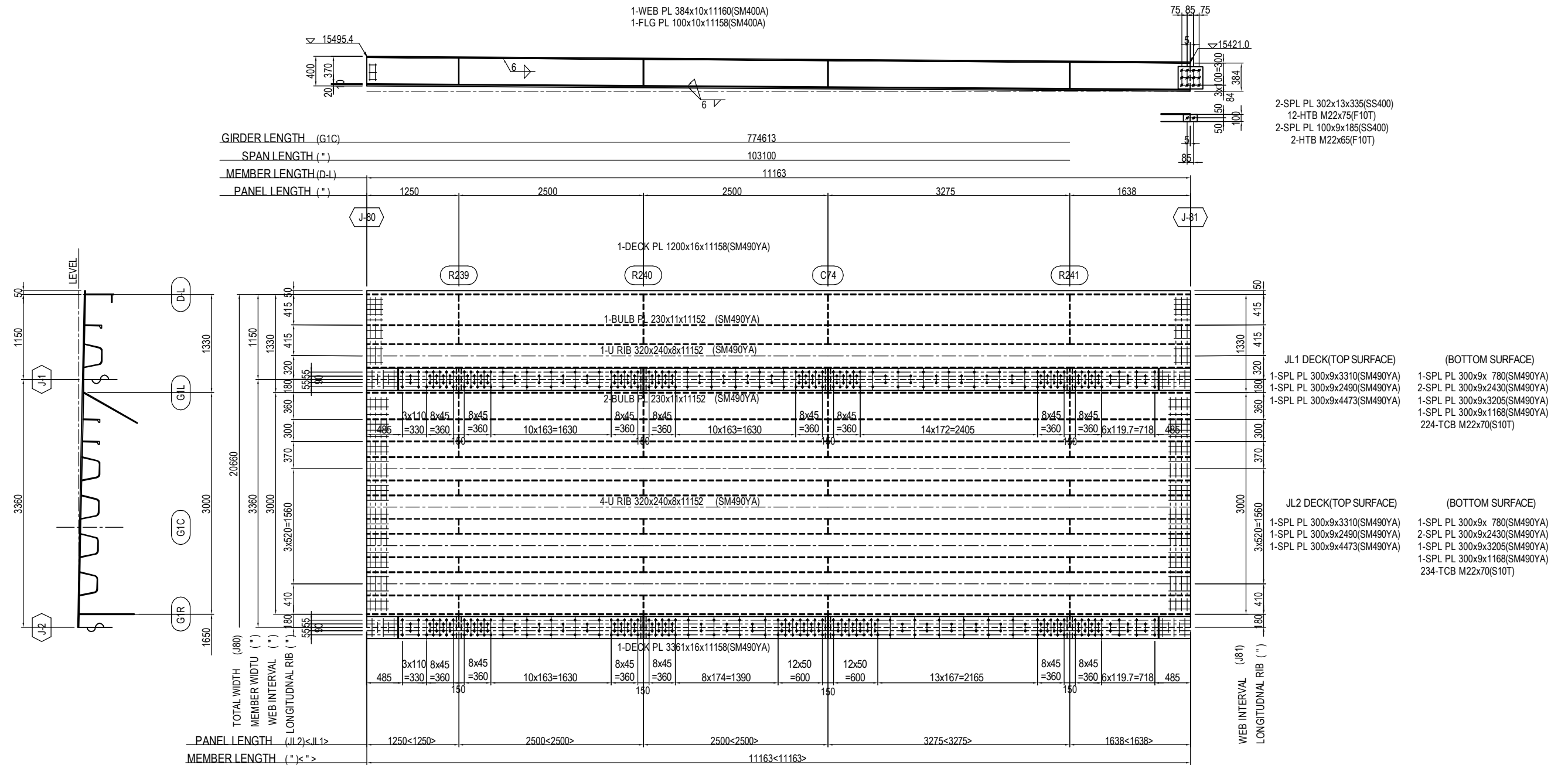
## MARKING DIAGRAM



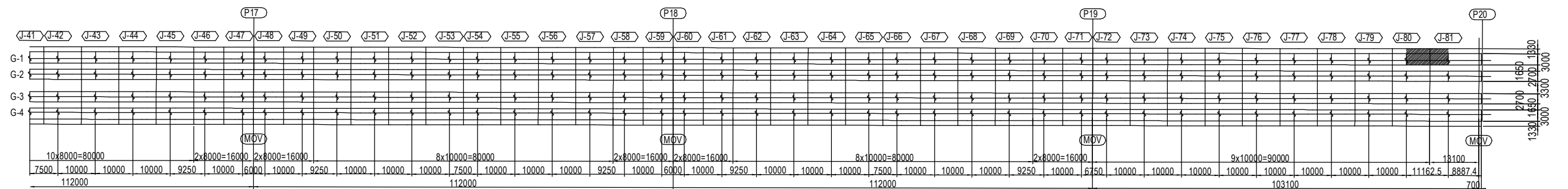
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF DECK PLATE (24)	PACKAGE 2 DWG No. P2-SB-1524
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		
				APPROVED BY	Y. SANO	21 Jun.2017		

# DETAIL OF DECK PLATE (25) S=1:60

(1-81)



## MARKING DIAGRAM

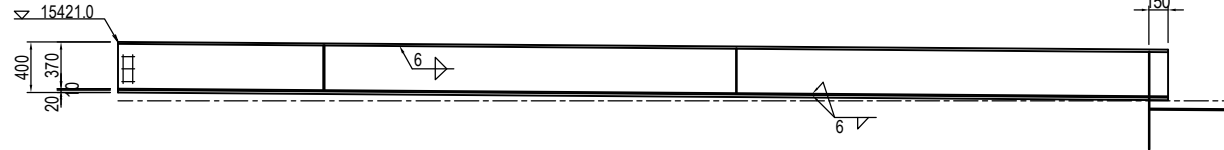


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA SIGNATURE T. HAYAKAWA DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF DECK PLATE (25)	PACKAGE 2 DWG No. P2-SB-1525
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# DETAIL OF DECK PLATE (26) S=1:60

(1-82)

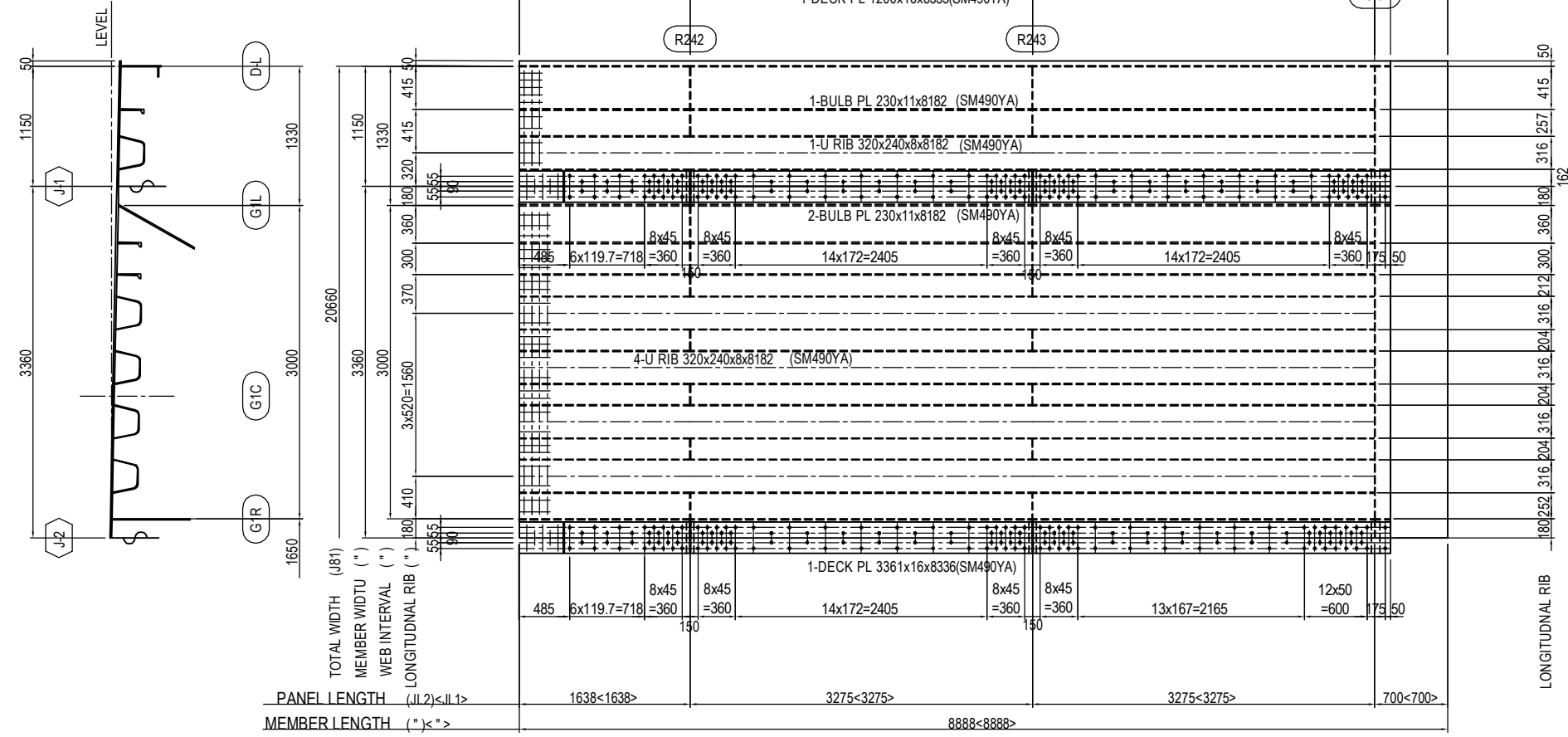
1-WEB PL 384x10x8338(SM400A)  
1-FLG PL 100x10x8335(SM400A)



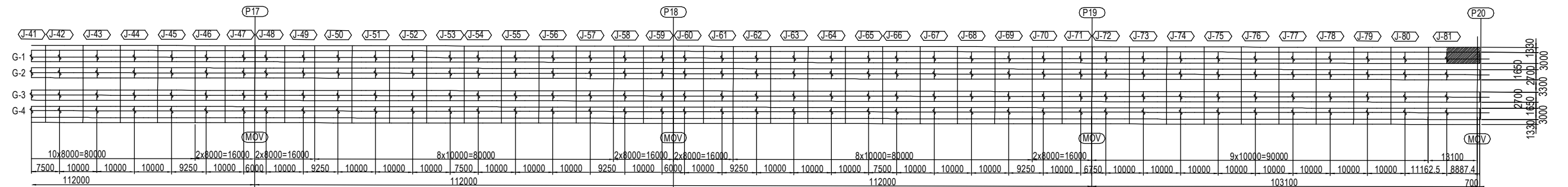
JL1 DECK(TOP SURFACE) (BOTTOM SURFACE)  
1-SPL PL 300x9x1198(SM490YA) 1-SPL PL 300x9x1168(SM490YA)  
1-SPL PL 300x9x3265(SM490YA) 2-SPL PL 300x9x3205(SM490YA)  
1-SPL PL 300x9x3420(SM490YA) 1-SPL PL 300x9x100(SM490YA)  
156-TCB M22x70(S10T)

JL2 DECK(TOP SURFACE) (BOTTOM SURFACE)  
1-SPL PL 300x9x1198(SM490YA) 1-SPL PL 300x9x1168(SM490YA)  
1-SPL PL 300x9x3265(SM490YA) 2-SPL PL 300x9x3205(SM490YA)  
1-SPL PL 300x9x3420(SM490YA) 1-SPL PL 300x9x100(SM490YA)  
164-TCB M22x70(S10T)

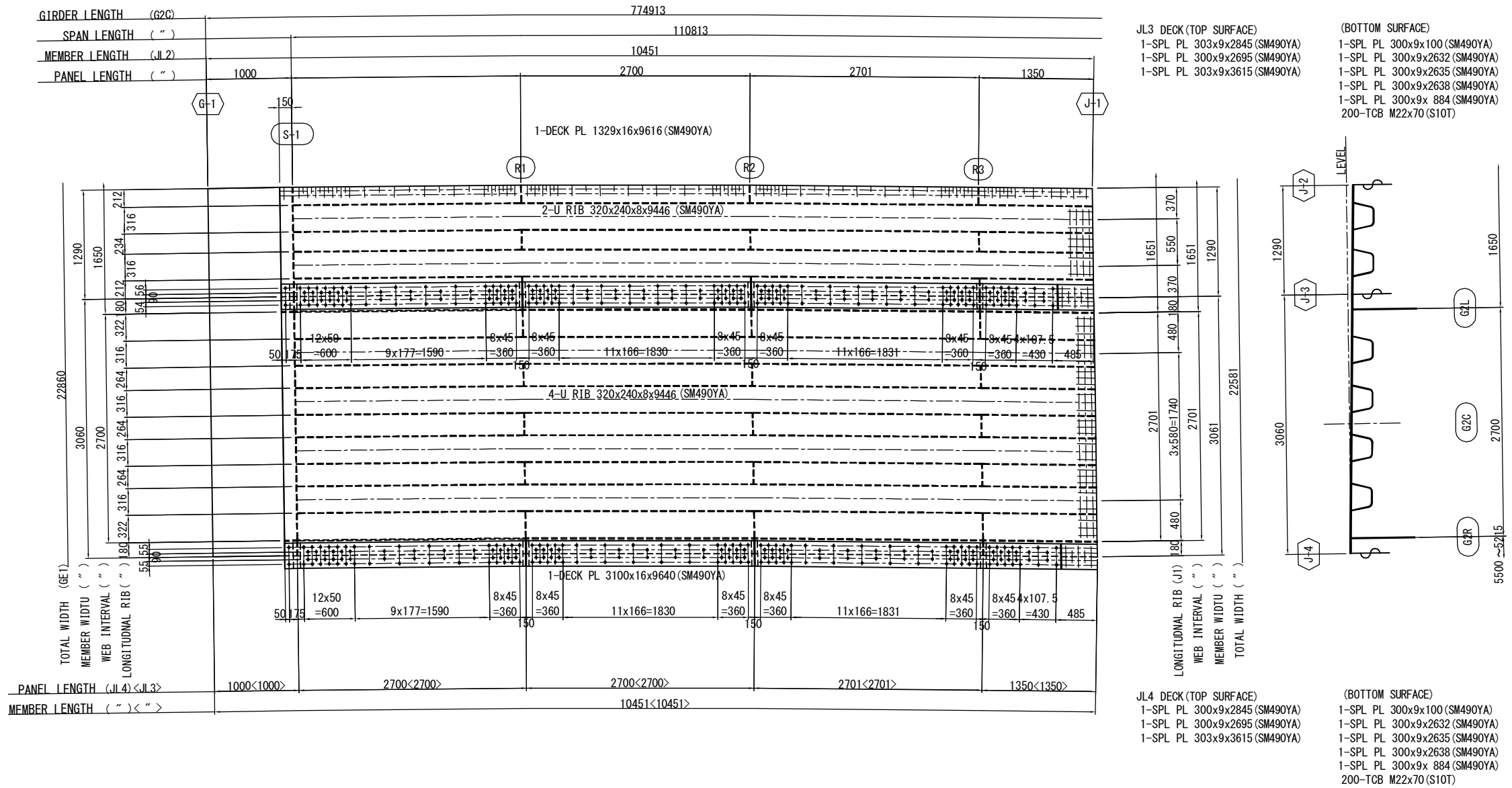
GIRDER LENGTH (G1C)	774613		
SPAN LENGTH (")	103100		
MEMBER LENGTH(D-I)	8888		
PANEL LENGTH (")	1638	3275	3275



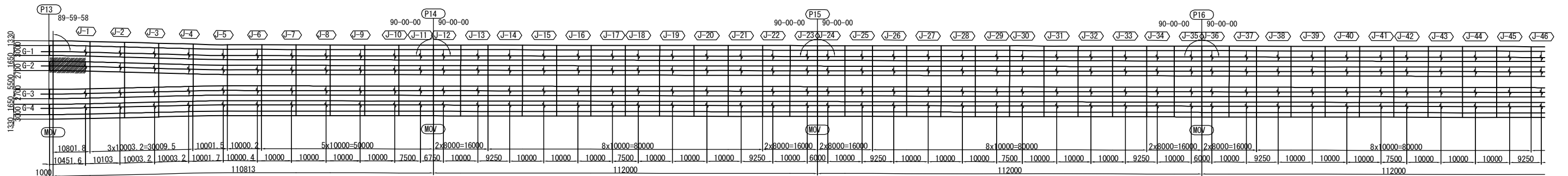
## MARKING DIAGRAM



# DETAIL OF DECK PLATE (27) S=1:60 (2-1)

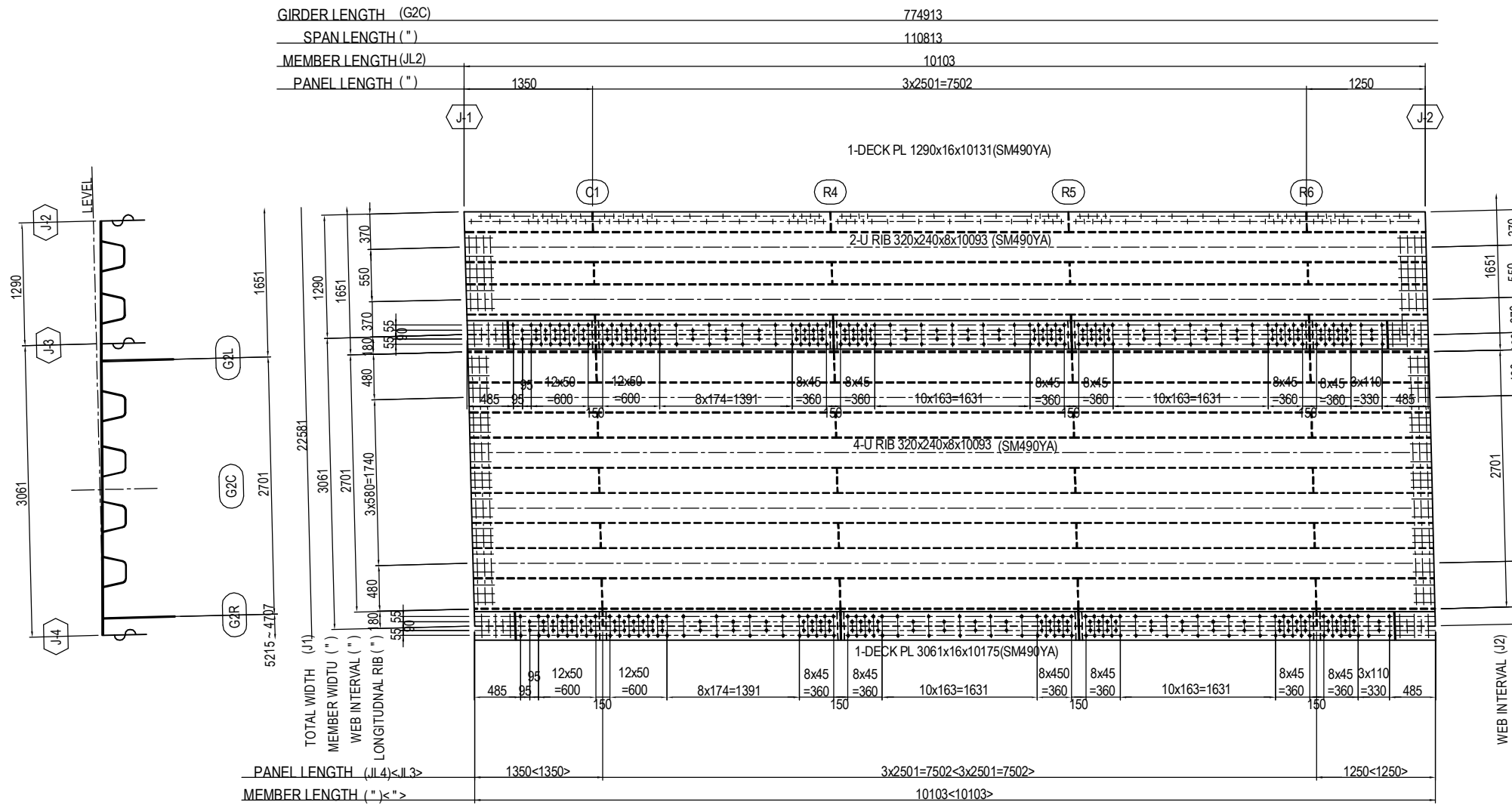


## MARKING DIAGRAM



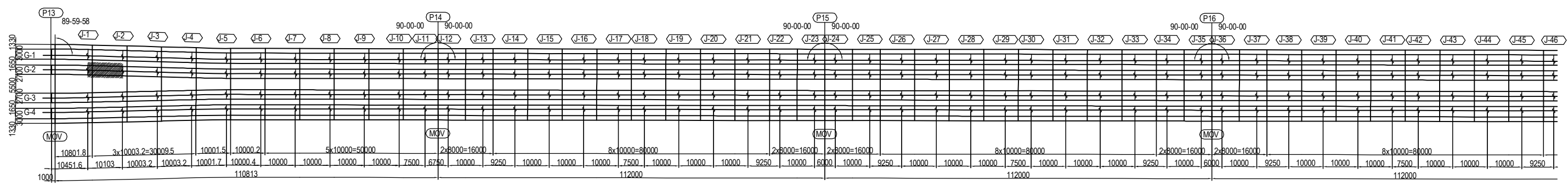
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> <tr> <td>PREPARED BY S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		15 Jun.2017	CHECKED BY T. HAYAKAWA		20 Jun.2017	APPROVED BY Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (27)</h3>	PACKAGE 2 DWG No. P2-SB-1527
NAME	SIGNATURE	DATE																
PREPARED BY S. IMADA		15 Jun.2017																
CHECKED BY T. HAYAKAWA		20 Jun.2017																
APPROVED BY Y. SANO		21 Jun.2017																

# DETAIL OF DECK PLATE (28) S=1:60 (2-2)



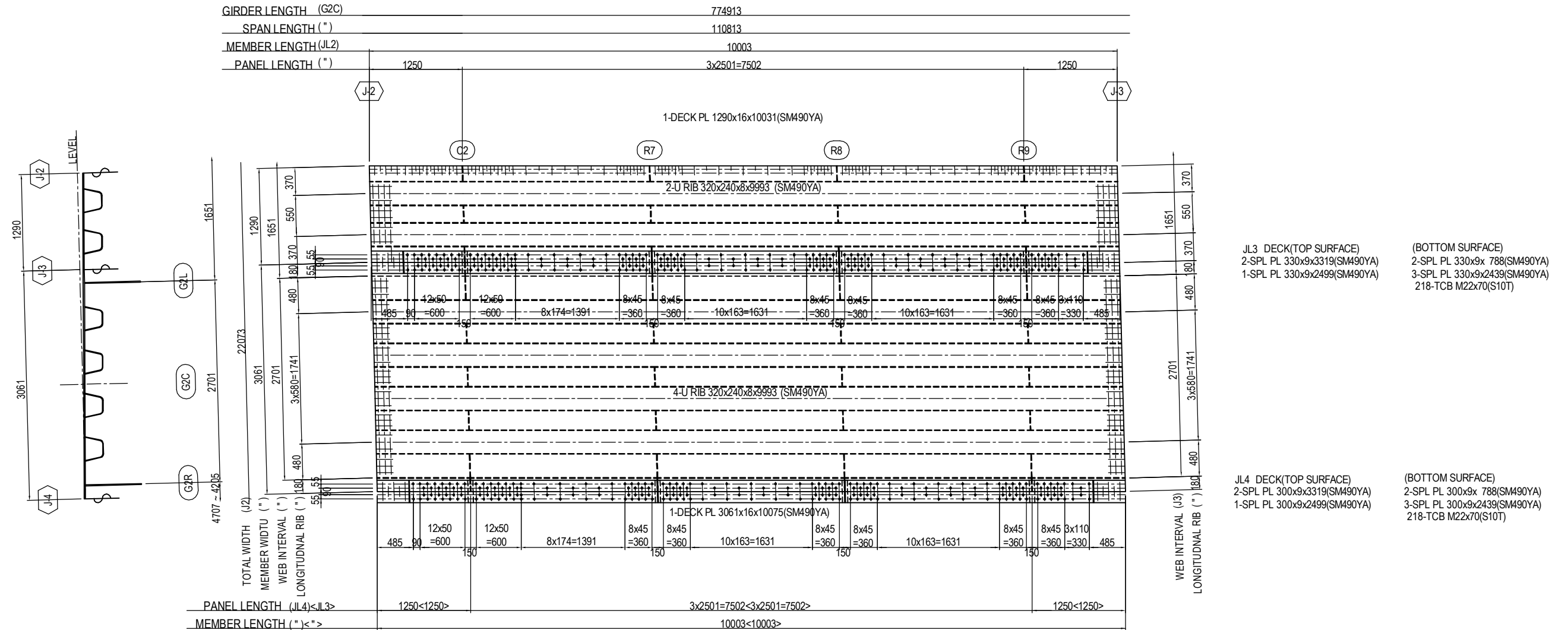
- JL3 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3419(SM490YA)  
 1-SPL PL 300x9x2499(SM490YA)  
 1-SPL PL 300x9x3319(SM490YA)
- (BOTTOM SURFACE)**  
 1-SPL PL 300x9x 888(SM490YA)  
 3-SPL PL 300x9x2439(SM490YA)  
 1-SPL PL 300x9x 788(SM490YA)  
 220-TCB M22x70(S10T)
- 
- JL4 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3419(SM490YA)  
 1-SPL PL 300x9x2499(SM490YA)  
 1-SPL PL 300x9x3319(SM490YA)
- (BOTTOM SURFACE)**  
 1-SPL PL 300x9x 888(SM490YA)  
 3-SPL PL 300x9x2439(SM490YA)  
 1-SPL PL 300x9x 788(SM490YA)  
 220-TCB M22x70(S10T)

## MARKING DIAGRAM

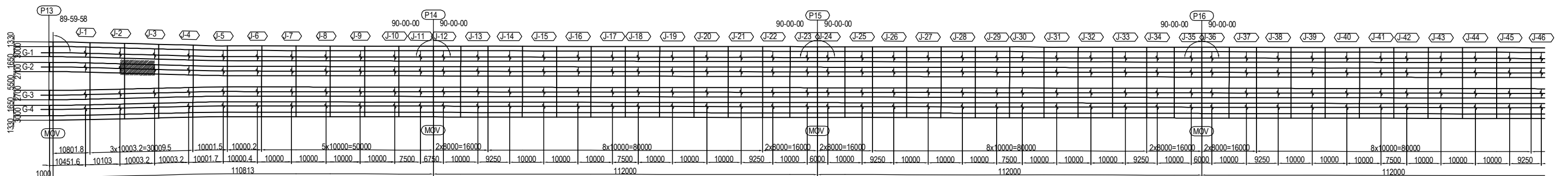


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA	15 Jun.2017	CHECKED BY	T. HAYAKAWA	20 Jun.2017	APPROVED BY	Y. SANO	21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (28)</h3>	PACKAGE 2 DWG No. P2-SB-1528
NAME	SIGNATURE	DATE																
PREPARED BY	S. IMADA	15 Jun.2017																
CHECKED BY	T. HAYAKAWA	20 Jun.2017																
APPROVED BY	Y. SANO	21 Jun.2017																

## DETAIL OF DECK PLATE (29) S=1:60 (2-3)



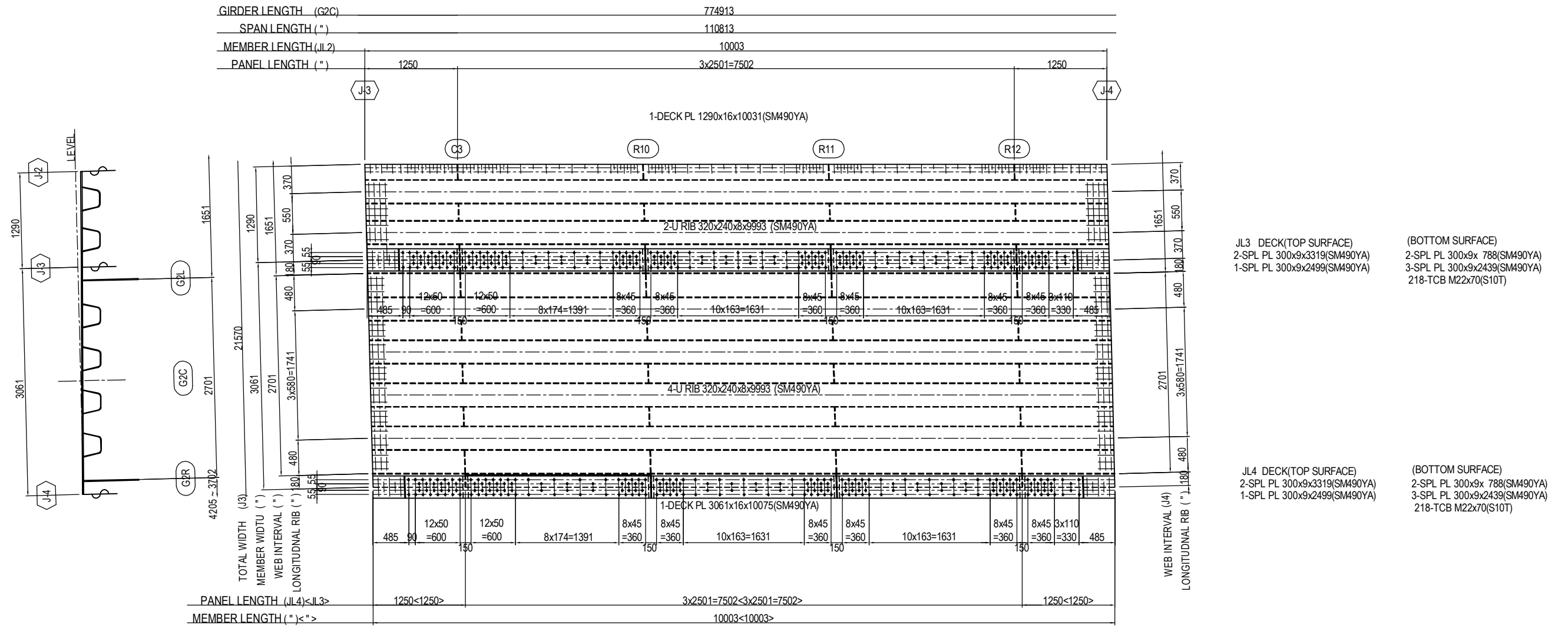
### MARKING DIAGRAM



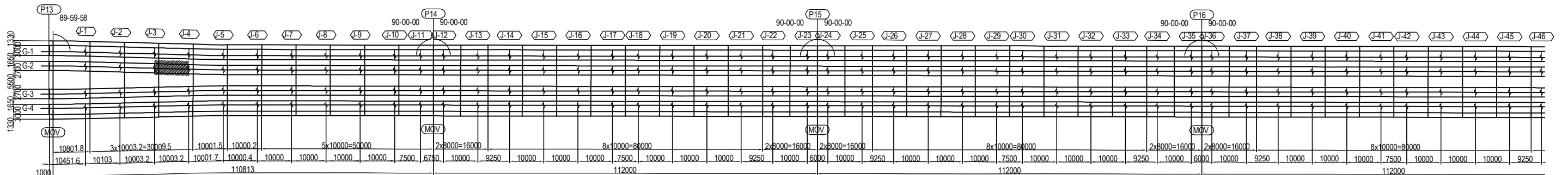
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	S. IMADA	<i>S. Imada</i>	15 Jun.2017	DETAIL OF DECK PLATE (29)	2
				T. HAYAKAWA	<i>T. Hayakawa</i>	20 Jun.2017		DWG No.
				Y. SANO	<i>Y. Sano</i>	21 Jun.2017		P2-SB-1529



# DETAIL OF DECK PLATE (30) S=1:60 (2-4)

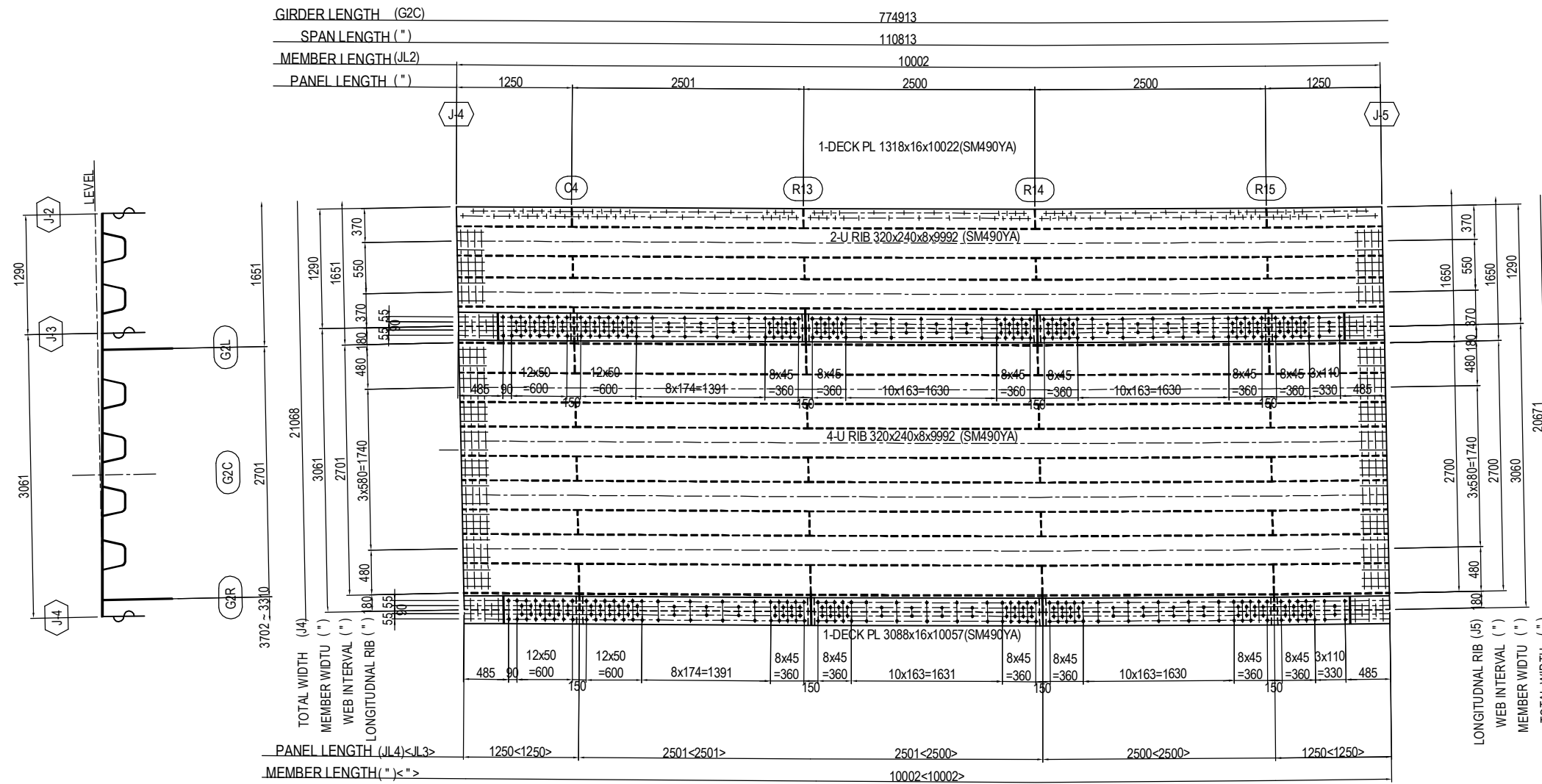


## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (30)</h3>	PACKAGE 2 DWG No. P2-SB-1530
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# DETAIL OF DECK PLATE (31) S=1:60 (2-5)



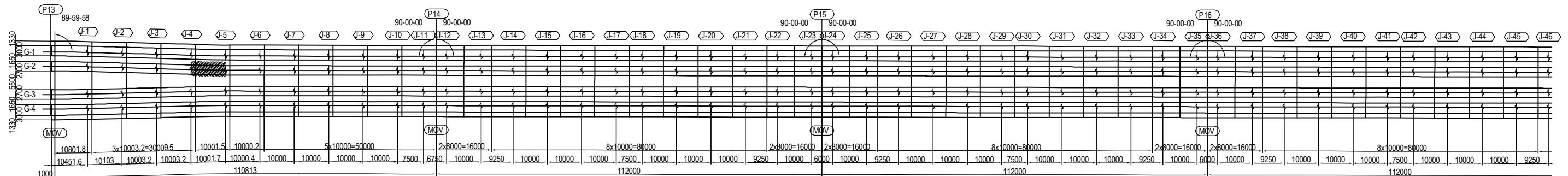
**JL3 DECK (TOP SURFACE)**  
 1-SPL PL 300x9x3317(SM490YA)  
 1-SPL PL 300x9x2498(SM490YA)  
 1-SPL PL 305x9x3316(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 786(SM490YA)  
 1-SPL PL 300x9x2439(SM490YA)  
 1-SPL PL 300x9x2438(SM490YA)  
 1-SPL PL 300x9x2435(SM490YA)  
 1-SPL PL 300x9x 786(SM490YA)  
 218-TCB M22x70(S10T)

**JL4 DECK (TOP SURFACE)**  
 1-SPL PL 300x9x3317(SM490YA)  
 1-SPL PL 300x9x2498(SM490YA)  
 1-SPL PL 305x9x3316(SM490YA)

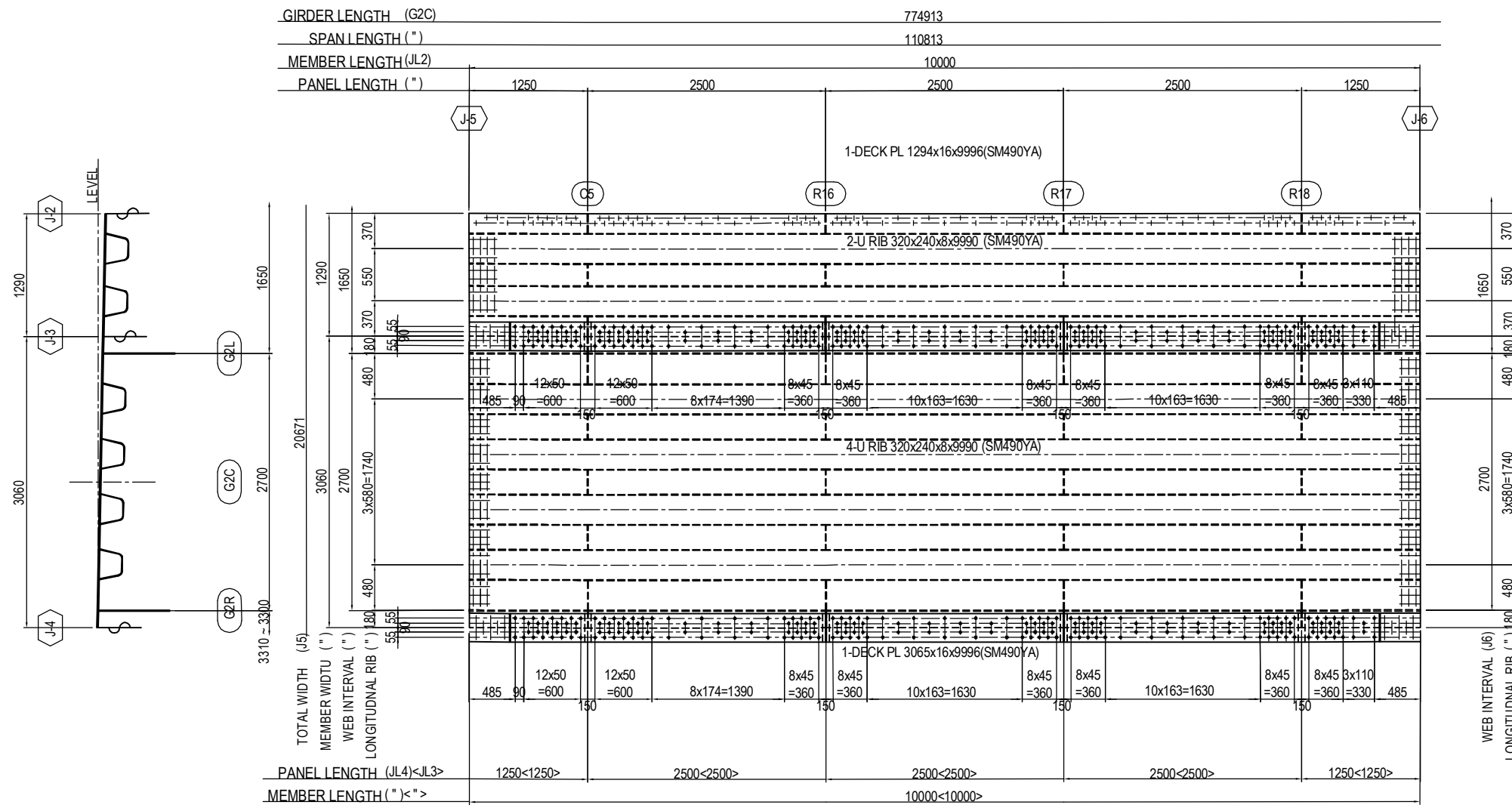
**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 786(SM490YA)  
 1-SPL PL 300x9x2439(SM490YA)  
 1-SPL PL 300x9x2438(SM490YA)  
 1-SPL PL 300x9x2435(SM490YA)  
 1-SPL PL 300x9x 786(SM490YA)  
 218-TCB M22x70(S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (31)</b>	PACKAGE 2 DWG No. P2-SB-1531
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# DETAIL OF DECK PLATE (32) S=1:60 (2-6)



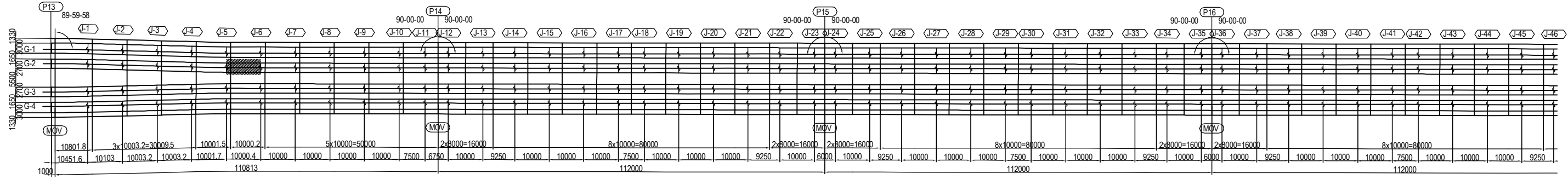
**JL3 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 218-TCB M22x70(S10T)

**JL4 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

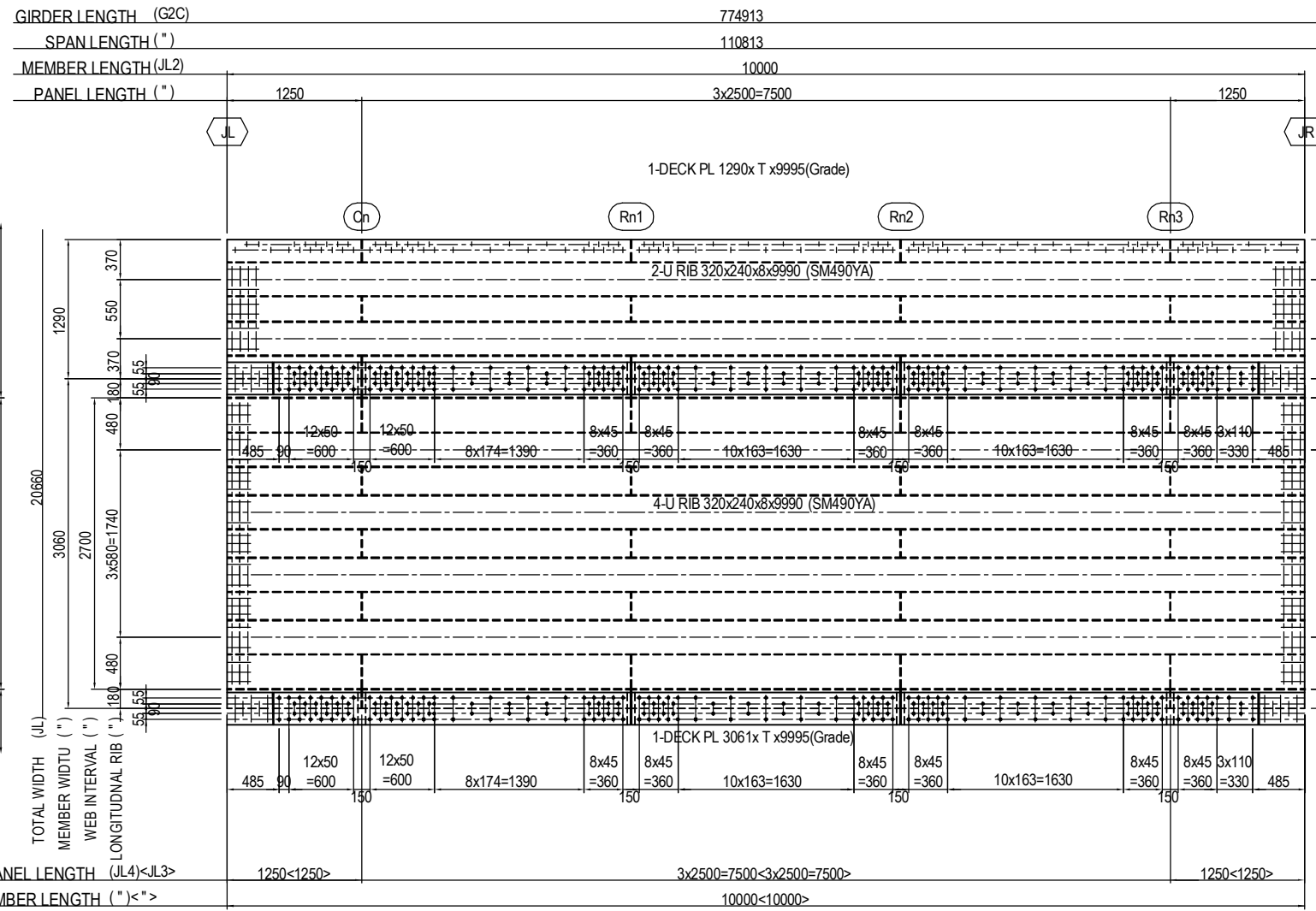
**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 218-TCB M22x70(S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF DECK PLATE (32)	PACKAGE 2 DWG No. P2-SB-1532
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# DETAIL OF DECK PLATE (33) S=1:60 (2-7,2-8,2-9,2-10)



	JL	JR	Cn	Rn1	Rn2	Rn3	T	Grade	L
2-7	J6	J7	C6	R19	R20	R21	16	SM490YA	70
2-8	J7	J8	C7	R22	R23	R24	16	SM490YA	70
2-9	J8	J9	C8	R25	R26	R27	16	SM490YA	70
2-10	J9	J10	C9	R28	R29	R30	22	SM490YB	75

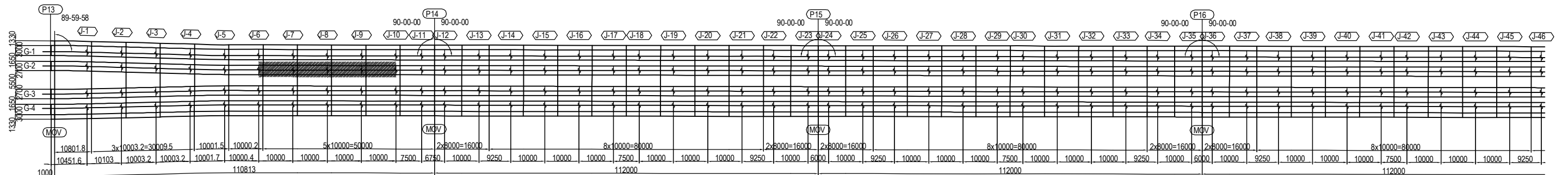
JL3 DECK(TOP SURFACE)  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22xL(S10T)

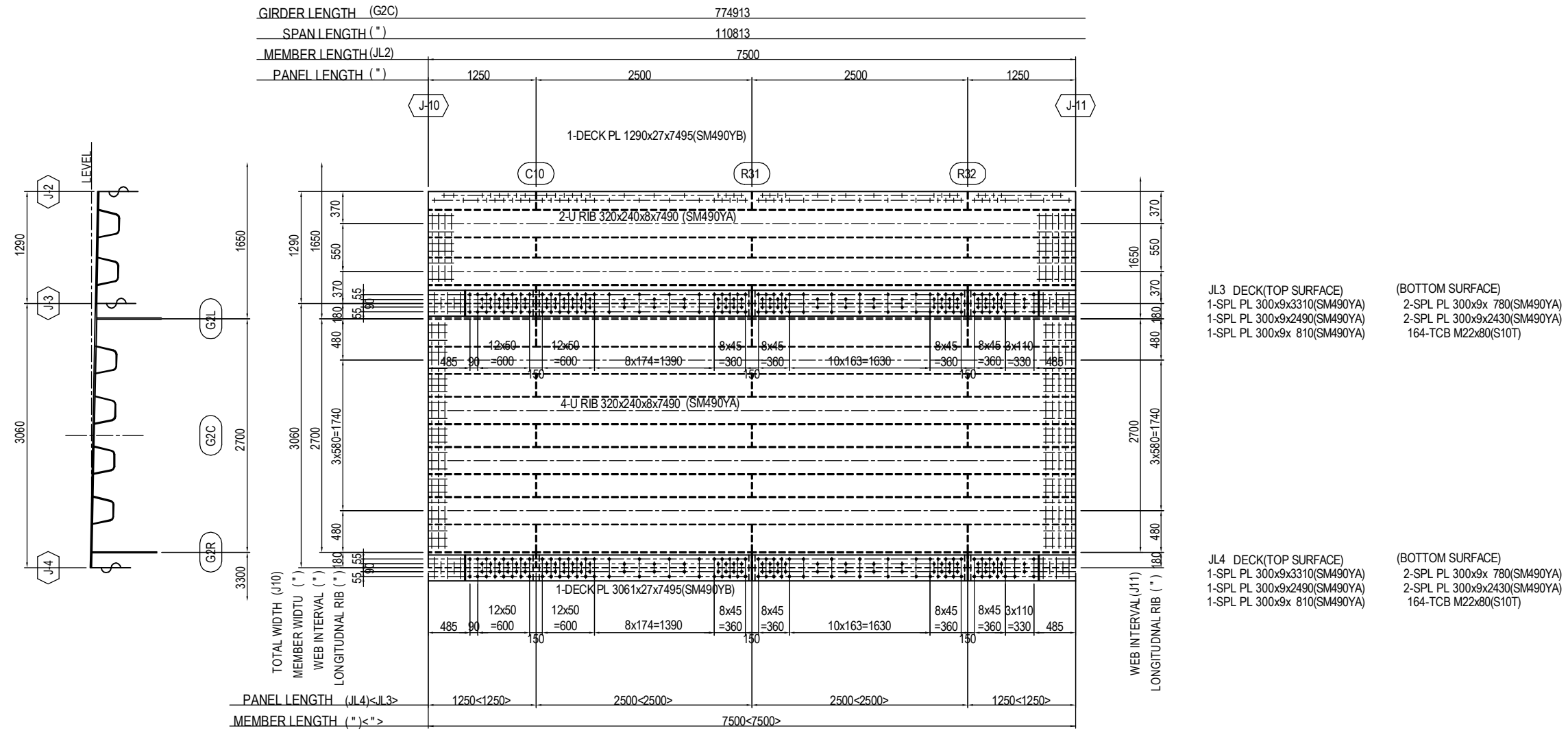
JL4 DECK(TOP SURFACE)  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22xL(S10T)

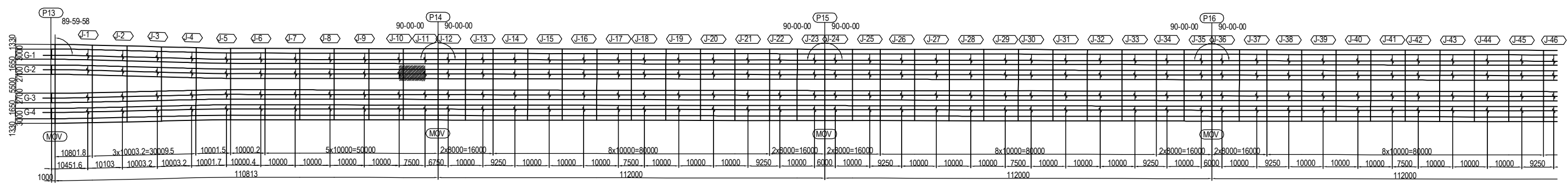
## MARKING DIAGRAM



# DETAIL OF DECK PLATE (34) S=1:60 (2-11)

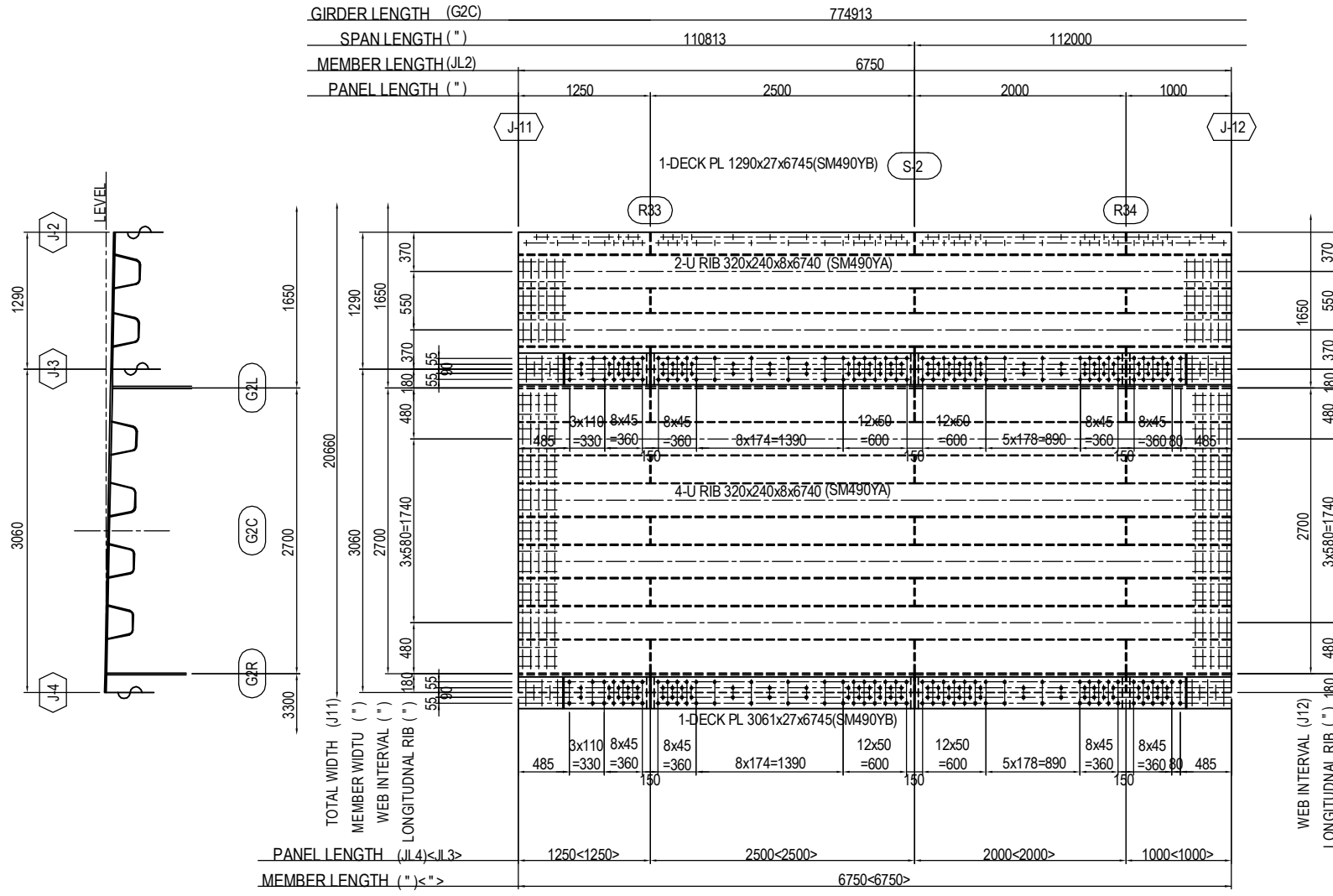


## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (34)</h3>	PACKAGE 2 DWG No. P2-SB-1534
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (35) S=1:60 (2-12)



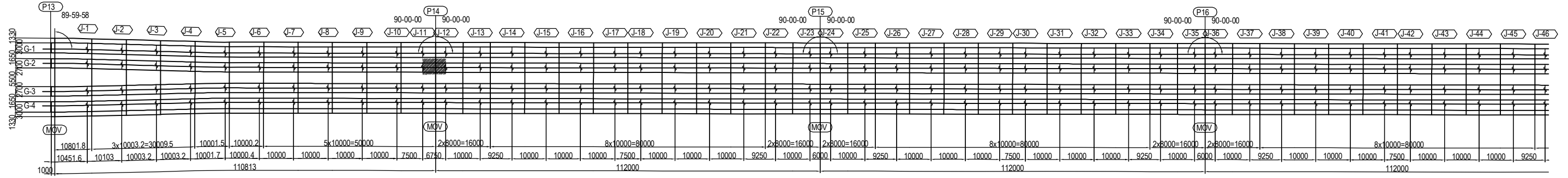
**JL3 DECK(TOP SURFACE)**  
 1-SPL PL 3000x9x 810(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 1-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 154-TCB M22x80(S10T)

**JL4 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x 810(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 1-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 154-TCB M22x80(S10T)

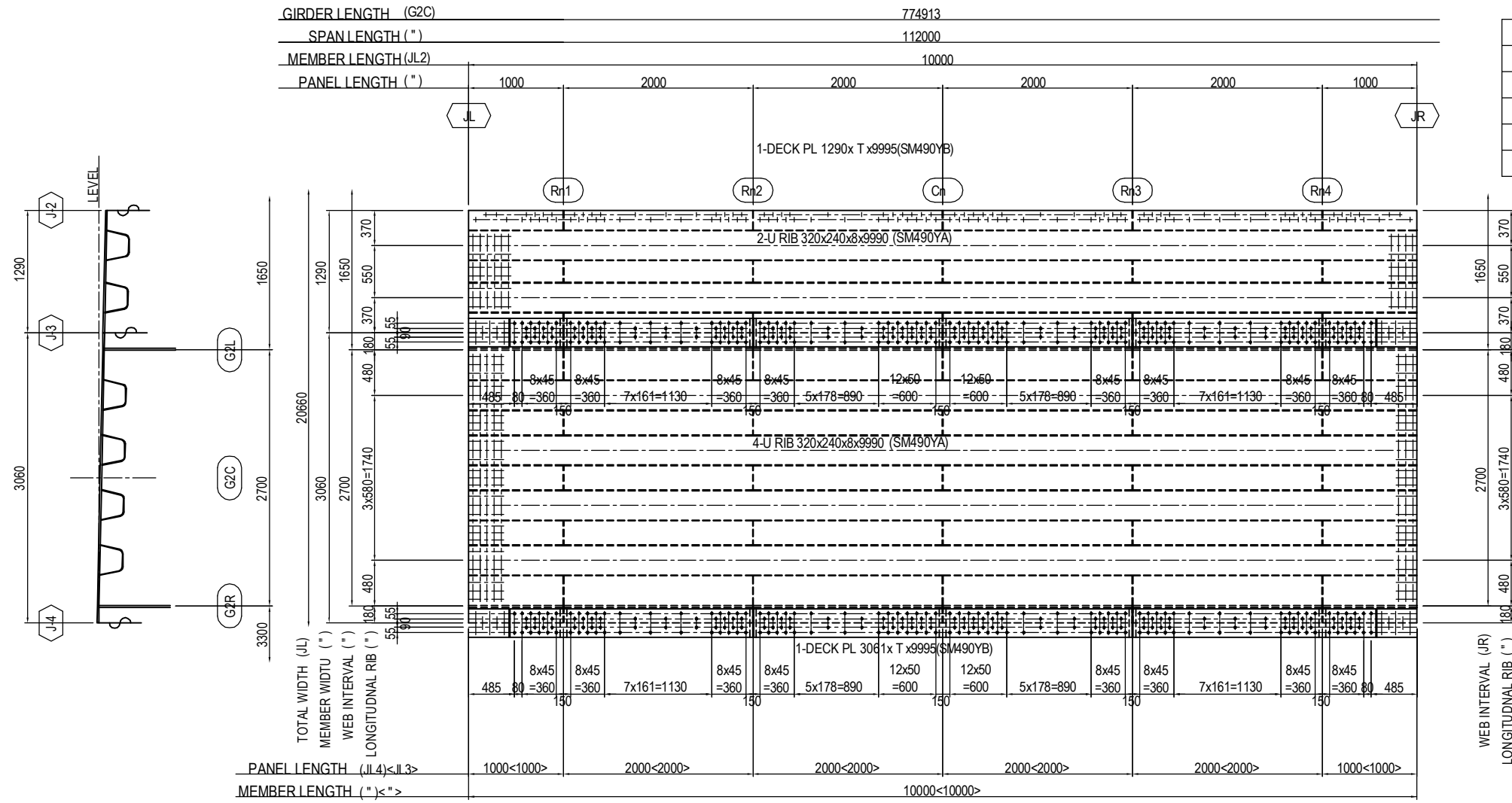
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (35)</b>	PACKAGE 2 DWG No. P2-SB-1535
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# DETAIL OF DECK PLATE (36) S=1:60

(2-13,2-23,2-25,2-35,2-37)



	JL	JR	Cn	Rn1	Rn2	Rn3	Rn4	T	L
2-13	J12	J13	C11	R35	R36	R37	R38	27	80
2-23	J22	J23	C21	R65	R66	R67	R68	19	75
2-25	J24	J25	C22	R71	R72	R73	R74	19	75
2-35	J34	J35	C32	R101	R102	R103	R104	22	75
2-37	J36	J37	C33	R107	R108	R109	R110	22	75

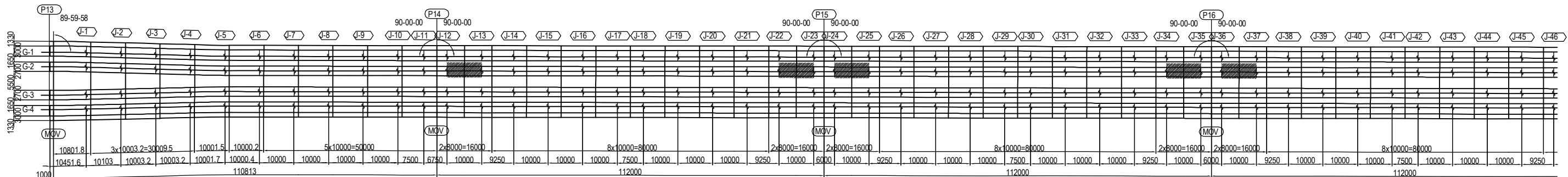
JL3 DECK(TOP SURFACE)  
 2-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x3990(SM490YA)

(BOTTOM SURFACE)  
 2-SPL PL 300x9x 530(SM490YA)  
 4-SPL PL 300x9x1930(SM490YA)  
 240-TCB M22xL(S10T)

JL4 DECK(TOP SURFACE)  
 2-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x3990(SM490YA)

(BOTTOM SURFACE)  
 2-SPL PL 300x9x 530(SM490YA)  
 4-SPL PL 300x9x1930(SM490YA)  
 240-TCB M22xL(S10T)

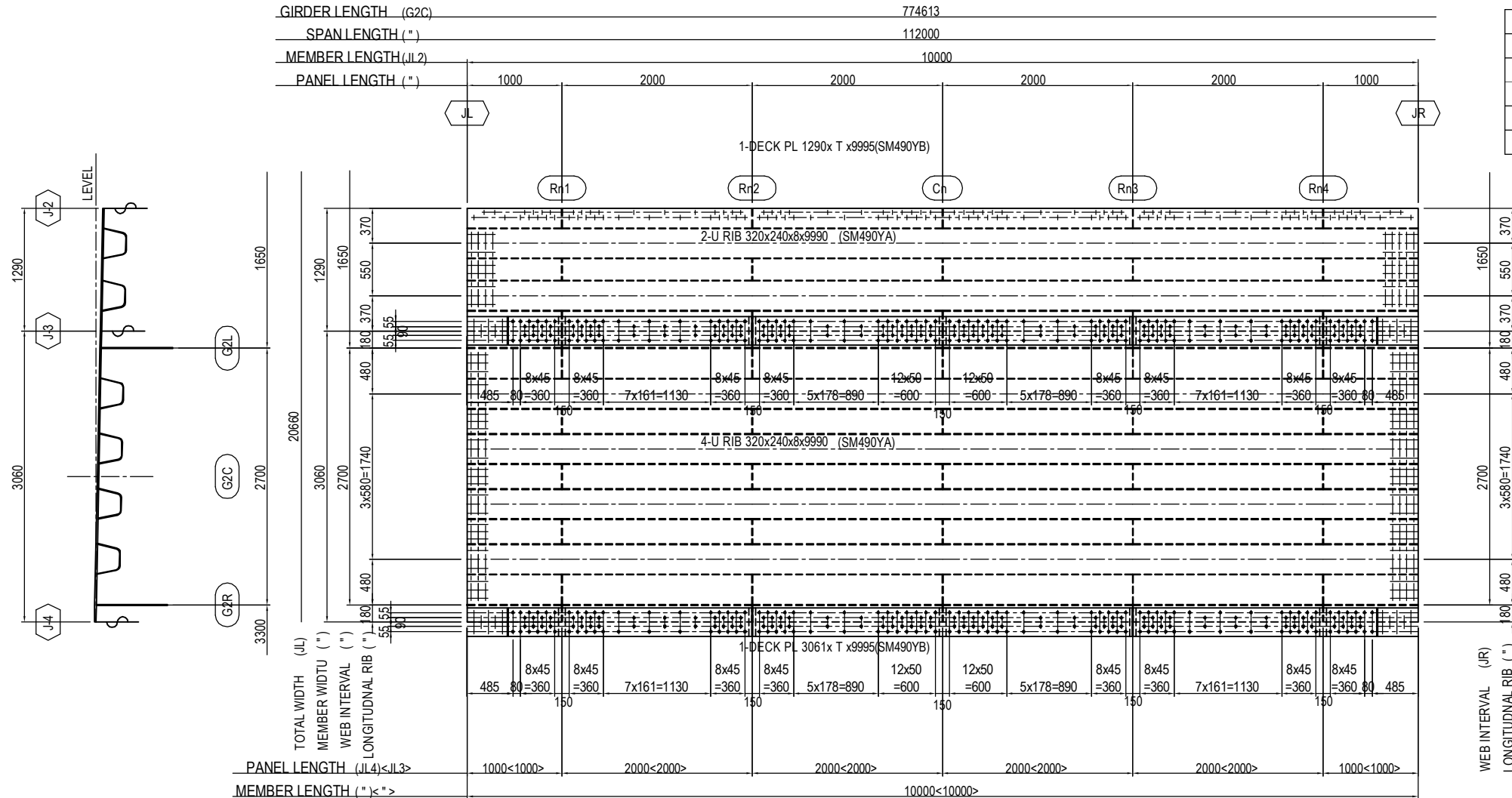
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE DETAIL OF DECK PLATE (36)	PACKAGE 2 DWG No. P2-SB-1536
CHECKED BY T. HAYAKAWA					SIGNATURE 		DATE 20 Jun.2017	
APPROVED BY Y. SANO					SIGNATURE 		DATE 21 Jun.2017	

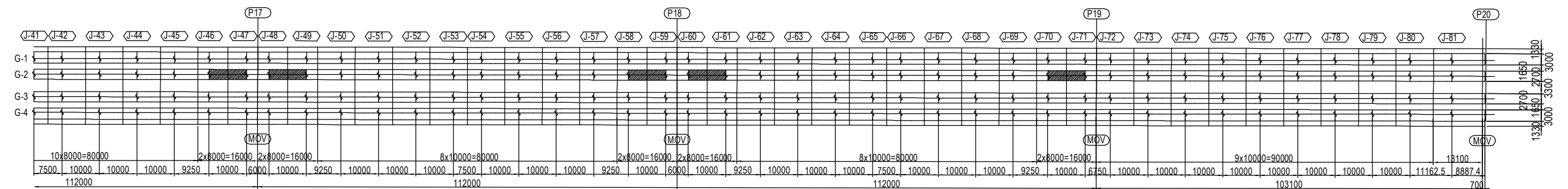
# DETAIL OF DECK PLATE (37) S=1:60

(2-47,2-49,2-59,2-61,2-71)



	JL	JR	Cn	Rn1	Rn2	Rn3	Rn4	T	L
2-47	J46	J47	C43	R137	R138	R139	R140	21	75
2-48	J48	J49	C44	R143	R144	R145	R146	21	75
2-59	J58	J59	C54	R173	R174	R175	R176	20	75
2-61	J60	J61	C55	R179	R180	R181	R182	20	75
2-71	J70	J71	C65	R209	R210	R211	R212	25	80

## MARKING DIAGRAM

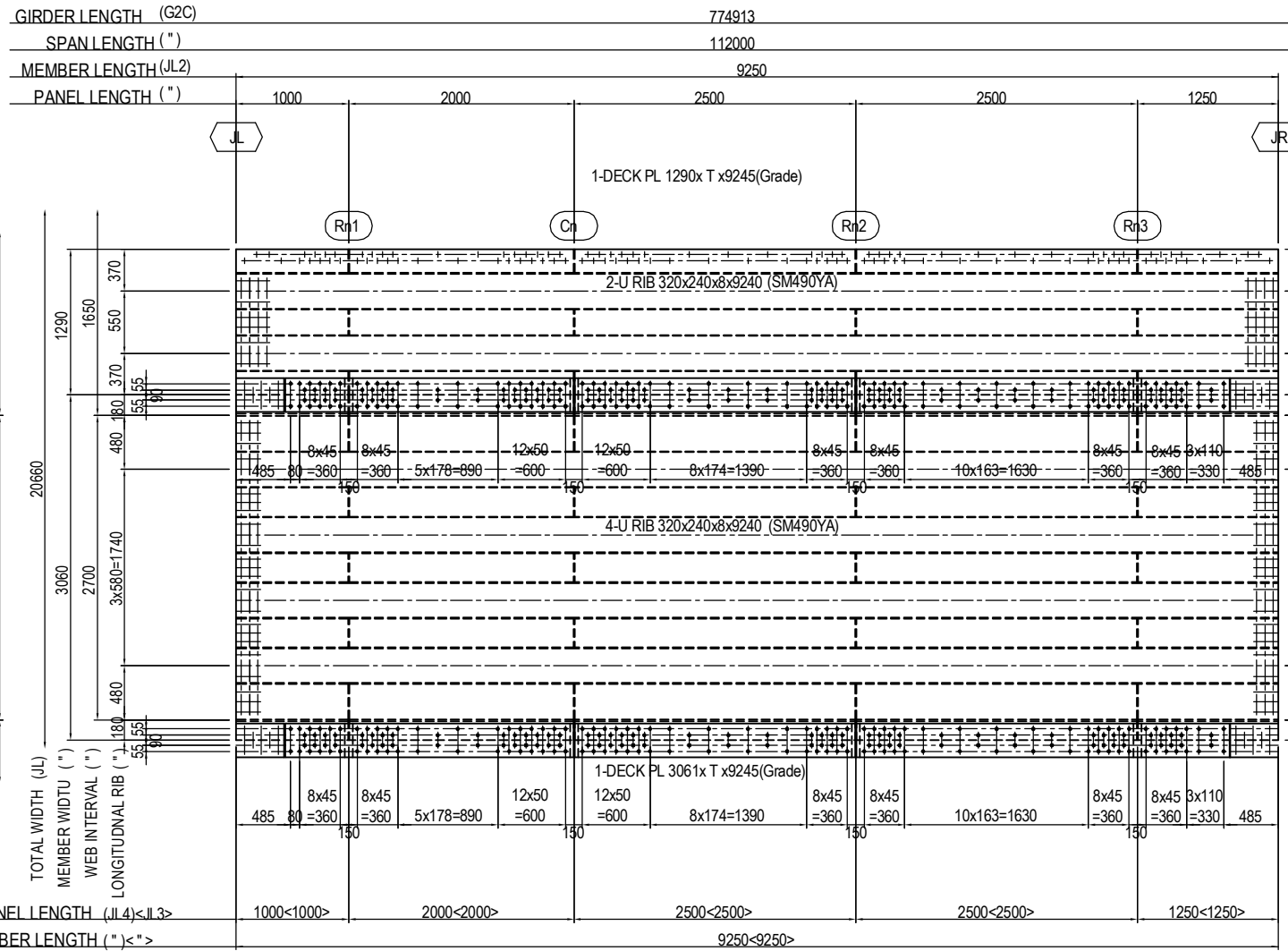


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF DECK PLATE (37)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO			21 Jun.2017	P2-SB-1537



# DETAIL OF DECK PLATE (38) S=1:60

(2-14,2-26,2-38)



	JL	JR	Cn	Rn1	Rn2	Rn3	T	Grade	L
2-14	J13	J14	C12	R39	R40	R41	22	SM490YB	75
2-26	J25	J26	C23	R75	R76	R77	16	SM490YA	70
2-38	J37	J38	C34	R111	R112	R113	16	SM490YA	70

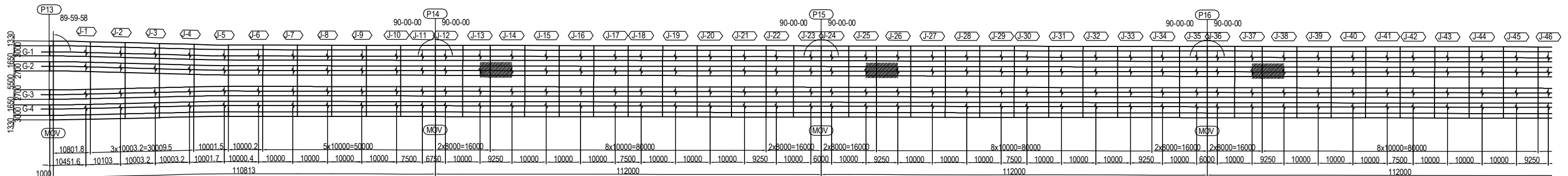
JL3 DECK(TOP SURFACE)  
 1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 208-TCB M22xL(S10T)

JL4 DECK(TOP SURFACE)  
 1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 208-TCB M22xL(S10T)

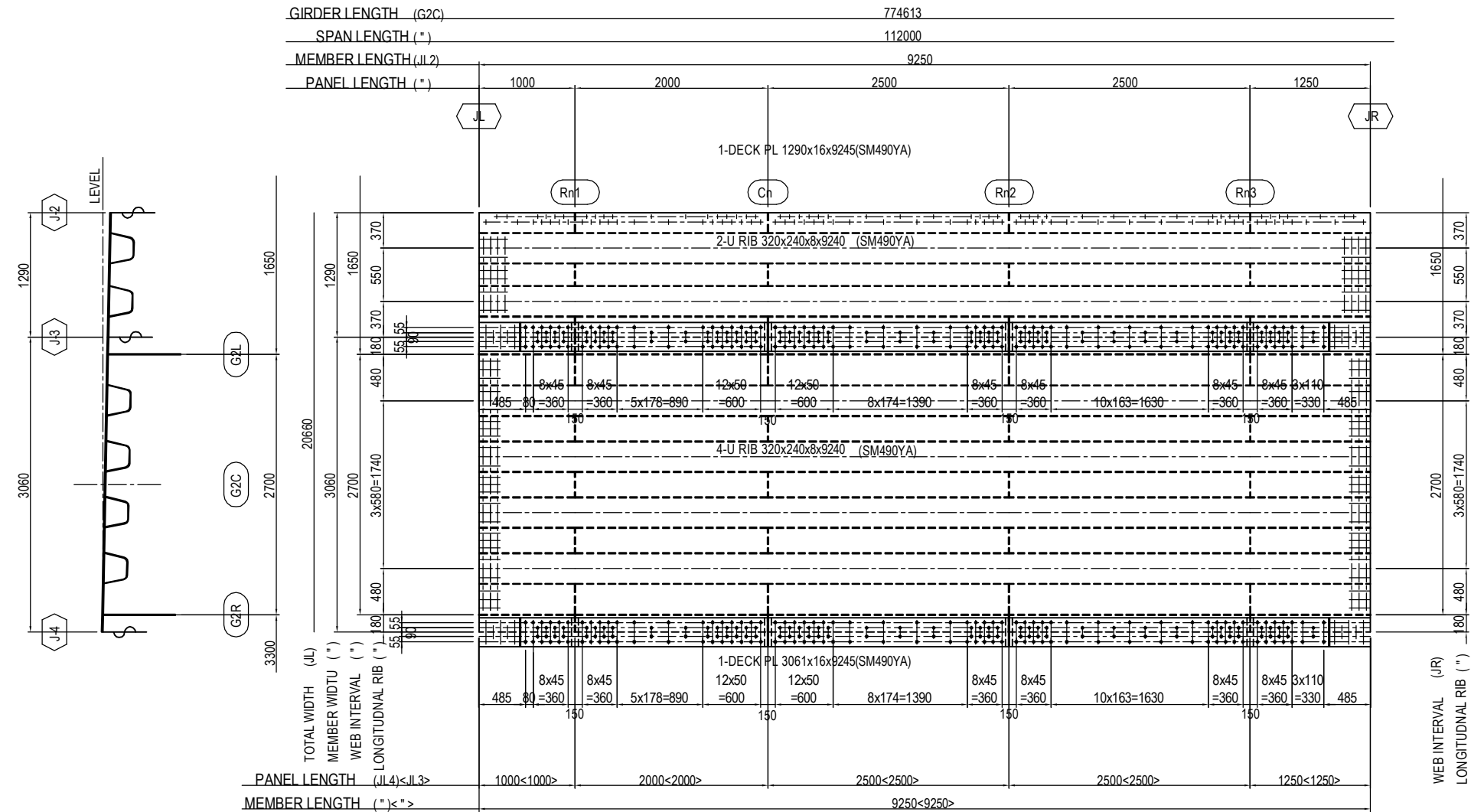
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF DECK PLATE (38)	PACKAGE 2 DWG No. P2-SB-1538
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# DETAIL OF DECK PLATE (39) S=1:60

(2-50,2-62)



	JL	JR	Cn	Rn1	Rn2	Rn3
2-50	J49	J50	C45	R147	R148	R149
2-62	J61	J62	C56	R183	R184	R185

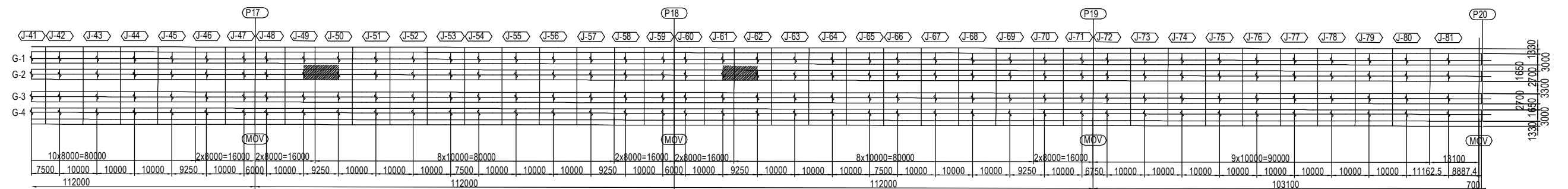
**JL3 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 208-TCB M22x70(S10T)

**JL4 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 208-TCB M22x70(S10T)

## MARKING DIAGRAM



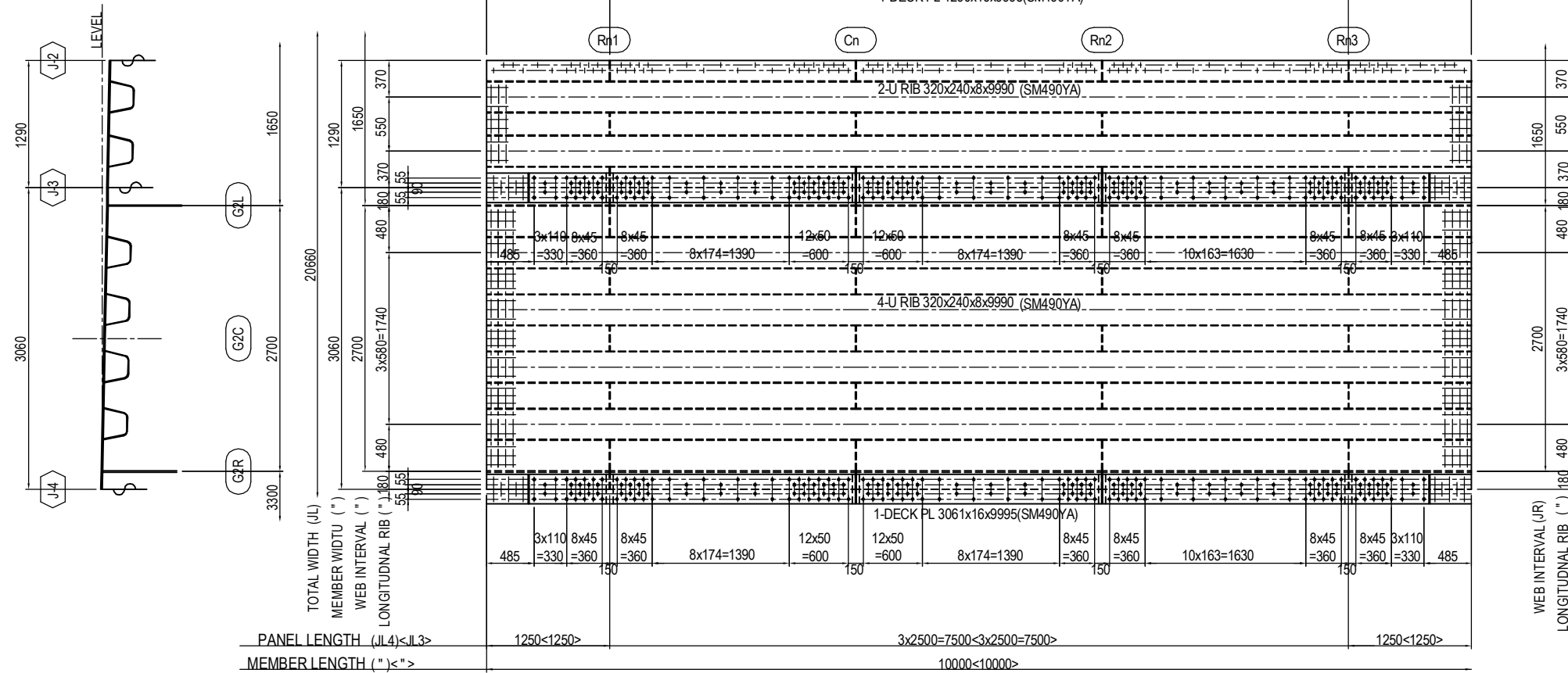
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (39)</h3>	PACKAGE 2 DWG No. P2-SB-1539
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (40) S=1:60

(2-15,2-16,2-17,2-27,2-28,2-29,2-39,2-40,2-41)

GIRDER LENGTH (G2C)	774913
SPAN LENGTH (")	112000
MEMBER LENGTH (JL2)	10000
PANEL LENGTH (")	1250
	3x2500=7500

	JL	JR	Cn	Rn1	Rn2	Rn3
2-15	J14	J15	C13	R42	R43	R44
2-16	J15	J16	C14	R45	R46	R47
2-17	J16	J17	C16	R48	R49	R50
2-27	J26	J27	C24	R78	R79	R80
2-28	J27	J28	C25	R81	R82	R83
2-29	J28	J29	C26	R84	R85	R86
2-39	J38	J39	C35	R114	R115	R116
2-40	J39	J40	C36	R117	R118	R119
2-41	J40	J41	C37	R120	R121	R122



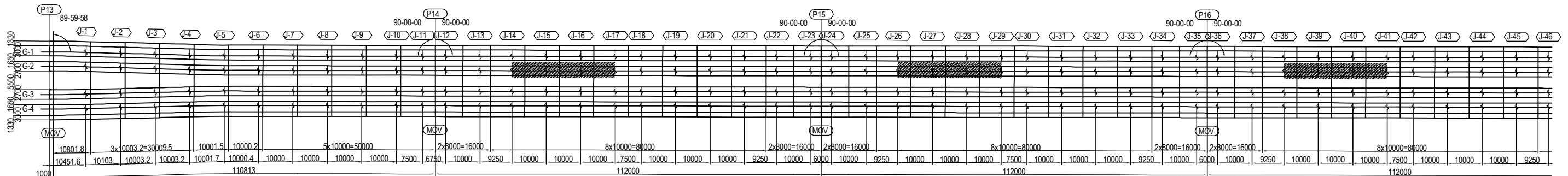
JL3 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

JL4 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

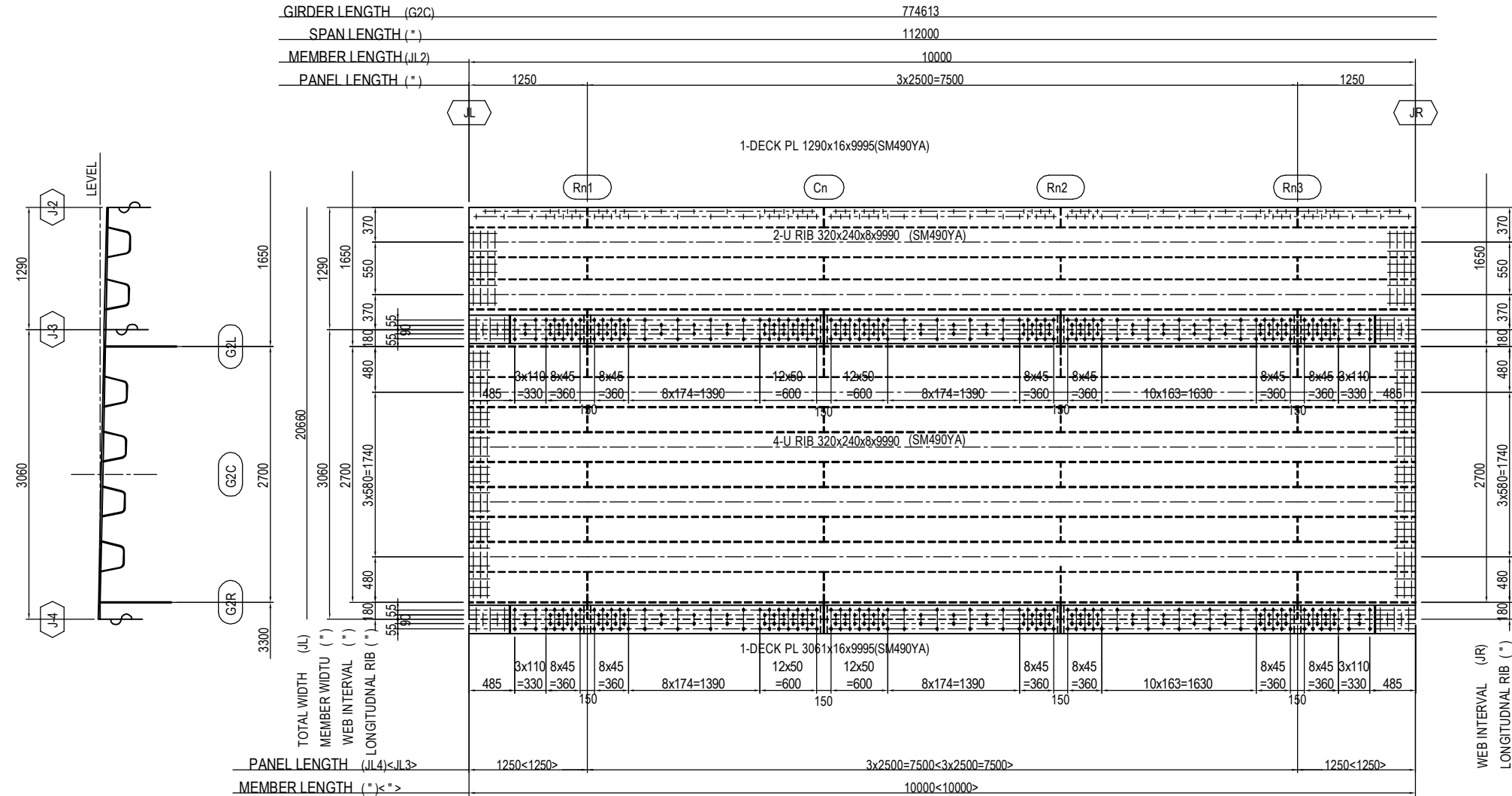
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	S. IMADA	SIGNATURE		DATE	15 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (40)</b>	PACKAGE	2
				PREPARED BY	T. HAYAKAWA	SIGNATURE		DATE	20 Jun.2017		DWG No.	P2-SB-1540
				CHECKED BY	Y. SANO	SIGNATURE		DATE	21 Jun.2017			
				APPROVED BY		SIGNATURE		DATE				

# DETAIL OF DECK PLATE (41) S=1:60

(2-51,2-52,2-53,2-63,2-64,2-65)



	JL	JR	Cn	Rn1	Rn2	Rn3
2-51	J50	J51	C46	R150	R151	R152
2-52	J51	J52	C47	R153	R154	R155
2-53	J52	J53	C48	R156	R157	R158
2-63	J62	J63	C57	R186	R187	R188
2-64	J63	J64	C58	R189	R190	R191
2-65	J64	J65	C59	R192	R193	R194

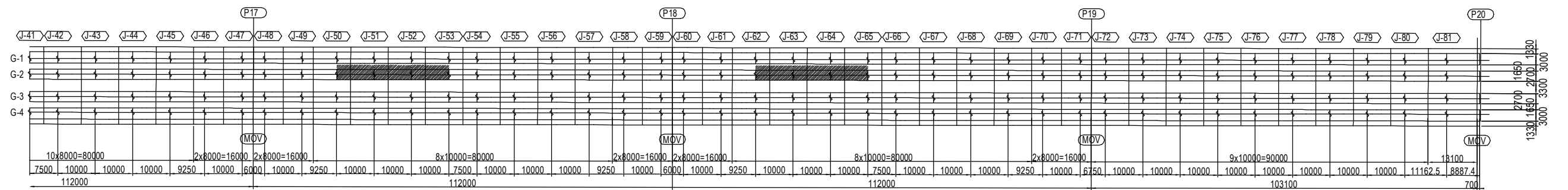
**JL3 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22x70(S10T)

**JL4 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

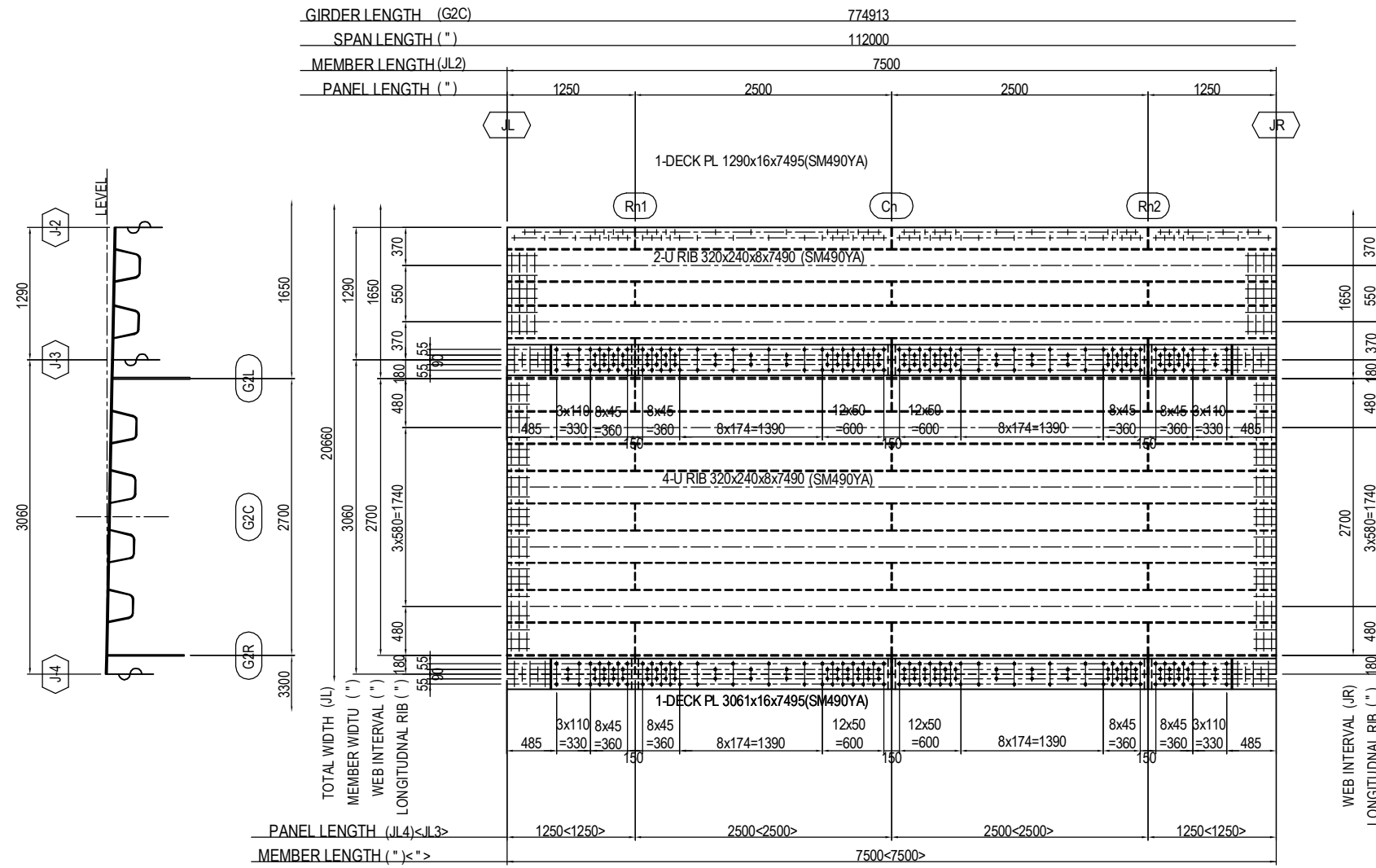
**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22x70(S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (41)</h3>	PACKAGE 2 DWG No. P2-SB-1541
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (42) S=1:60 (2-18,2-30,2-42)



	JL	JR	Cn	Rn1	Rn2
2-18	J17	J18	C16	R51	R52
2-30	J29	J30	C27	R87	R88
2-42	J41	J42	C38	R123	R124

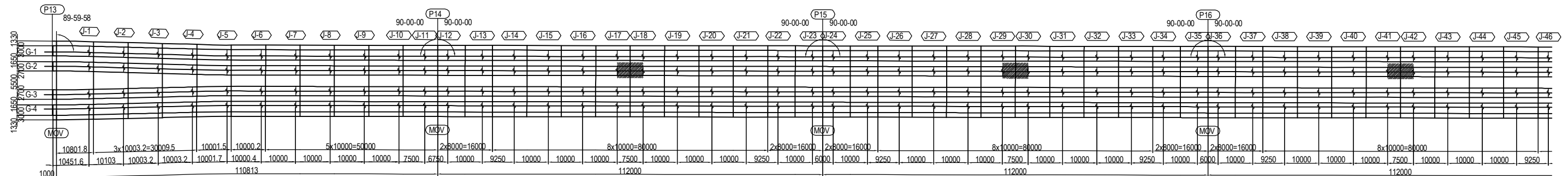
JL3 DECK(TOP SURFACE)  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

(BOTTOM SURFACE)  
 2-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 164-TCB M22x70(S10T)

JL4 DECK(TOP SURFACE)  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

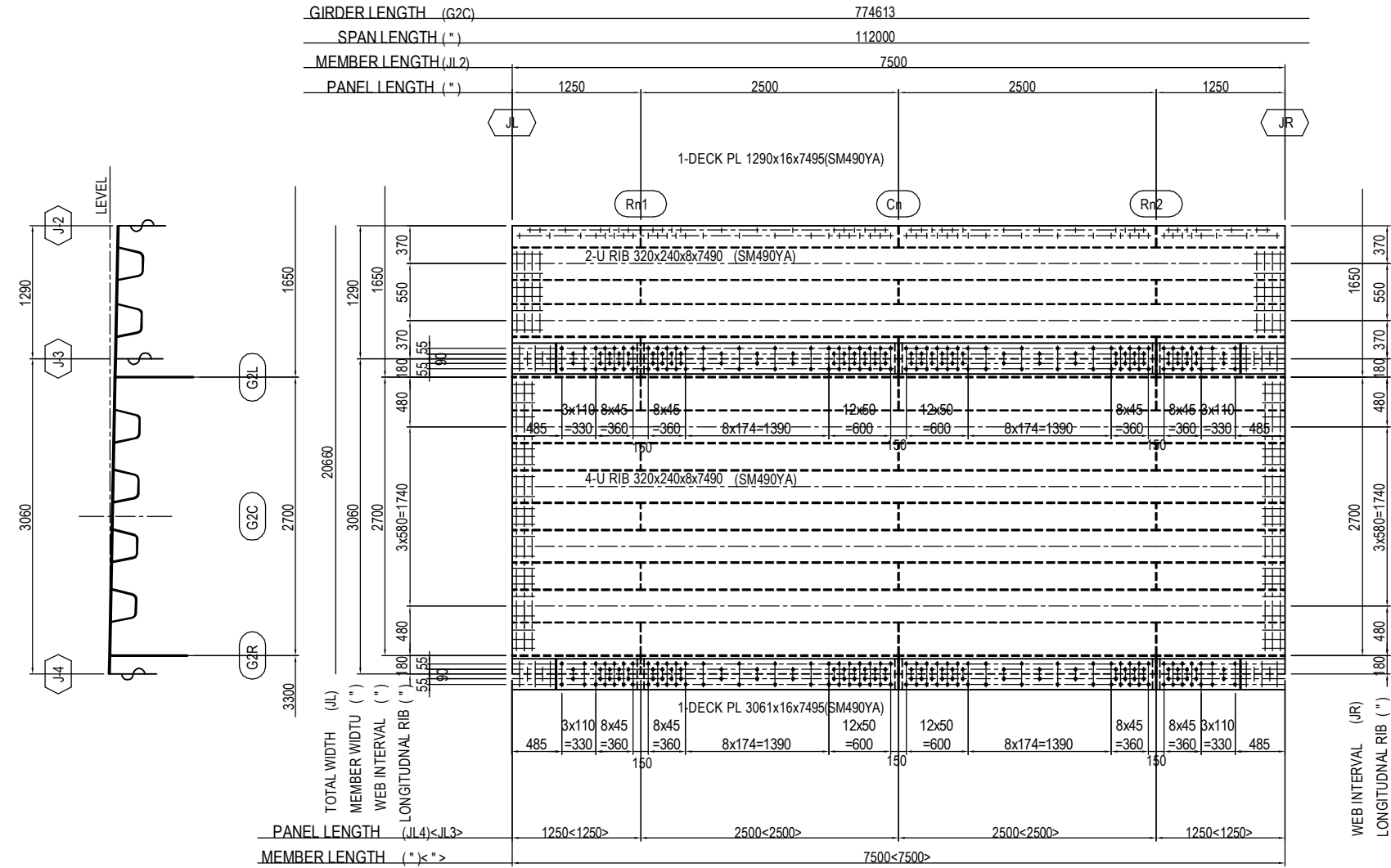
(BOTTOM SURFACE)  
 2-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 164-TCB M22x70(S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF DECK PLATE (42)	PACKAGE 2 DWG No. P2-SB-1542
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# DETAIL OF DECK PLATE (43) S=1:60 (2-54,2-66)



	JL	JR	Cn	Rn1	Rn2
2-54	J53	J54	C49	R159	R160
2-66	J65	J66	C60	R195	R196

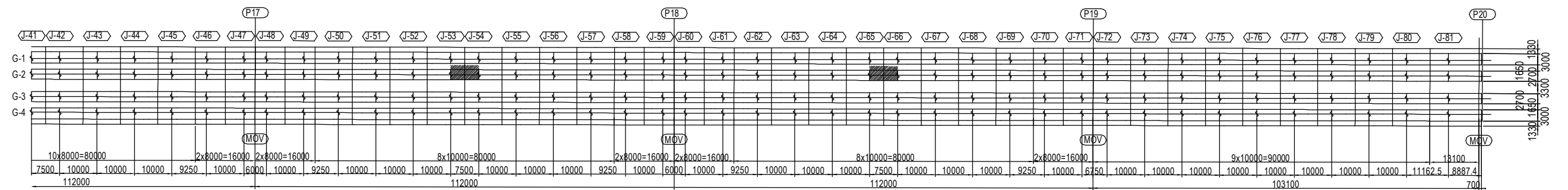
**JL3 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 164-TCB M22x70(S10T)

**JL4 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

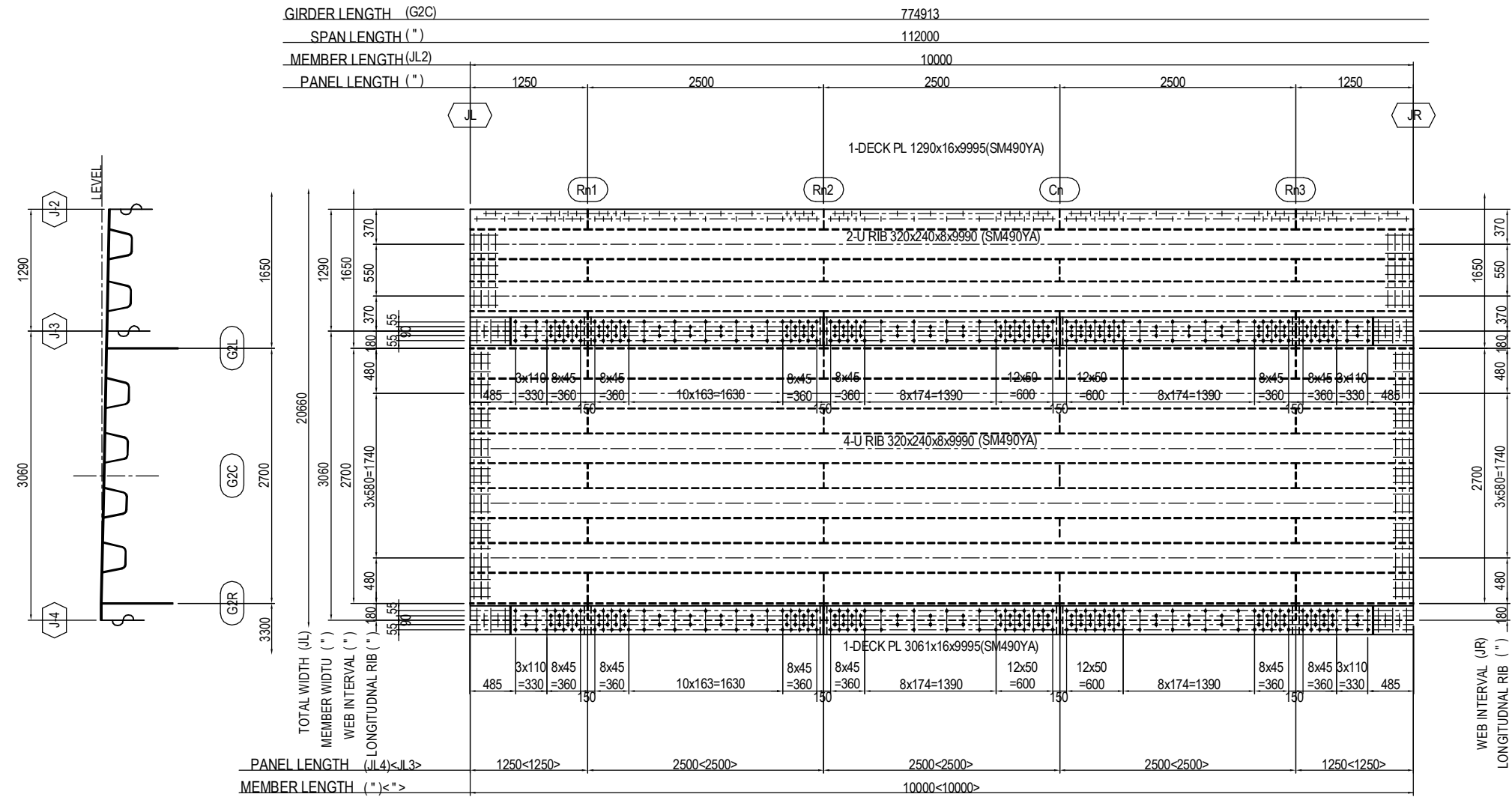
**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 164-TCB M22x70(S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (43)</h3>	PACKAGE 2 DWG No. P2-SB-1543
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (44) S=1:60 (2-19,2-20,2-21,2-31,2-32,2-33,2-43,2-44,2-45)



	JL	JR	Cn	Rn1	Rn2	Rn3
2-19	J18	J19	C17	R53	R54	R55
2-20	J19	J20	C18	R56	R57	R58
2-21	J20	J21	C19	R59	R60	R61
2-31	J30	J31	C28	R89	R90	R91
2-32	J31	J32	C29	R92	R93	R94
2-33	J32	J33	C30	R95	R96	R97
2-43	J42	J43	C39	R125	R126	R127
2-44	J43	J44	C40	R128	R129	R130
2-45	J44	J45	C41	R131	R132	R133

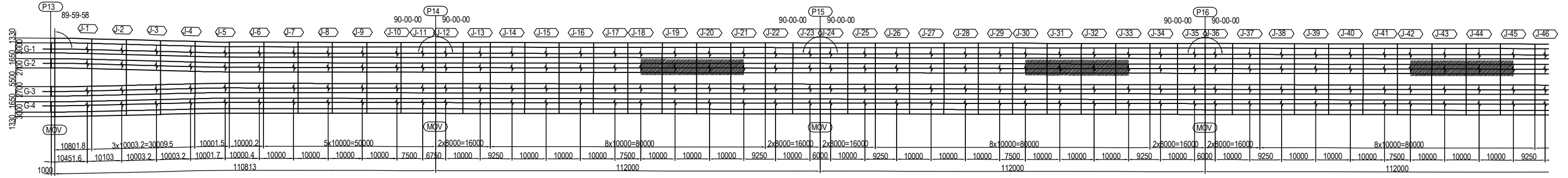
JL3 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

JL4 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

## MARKING DIAGRAM

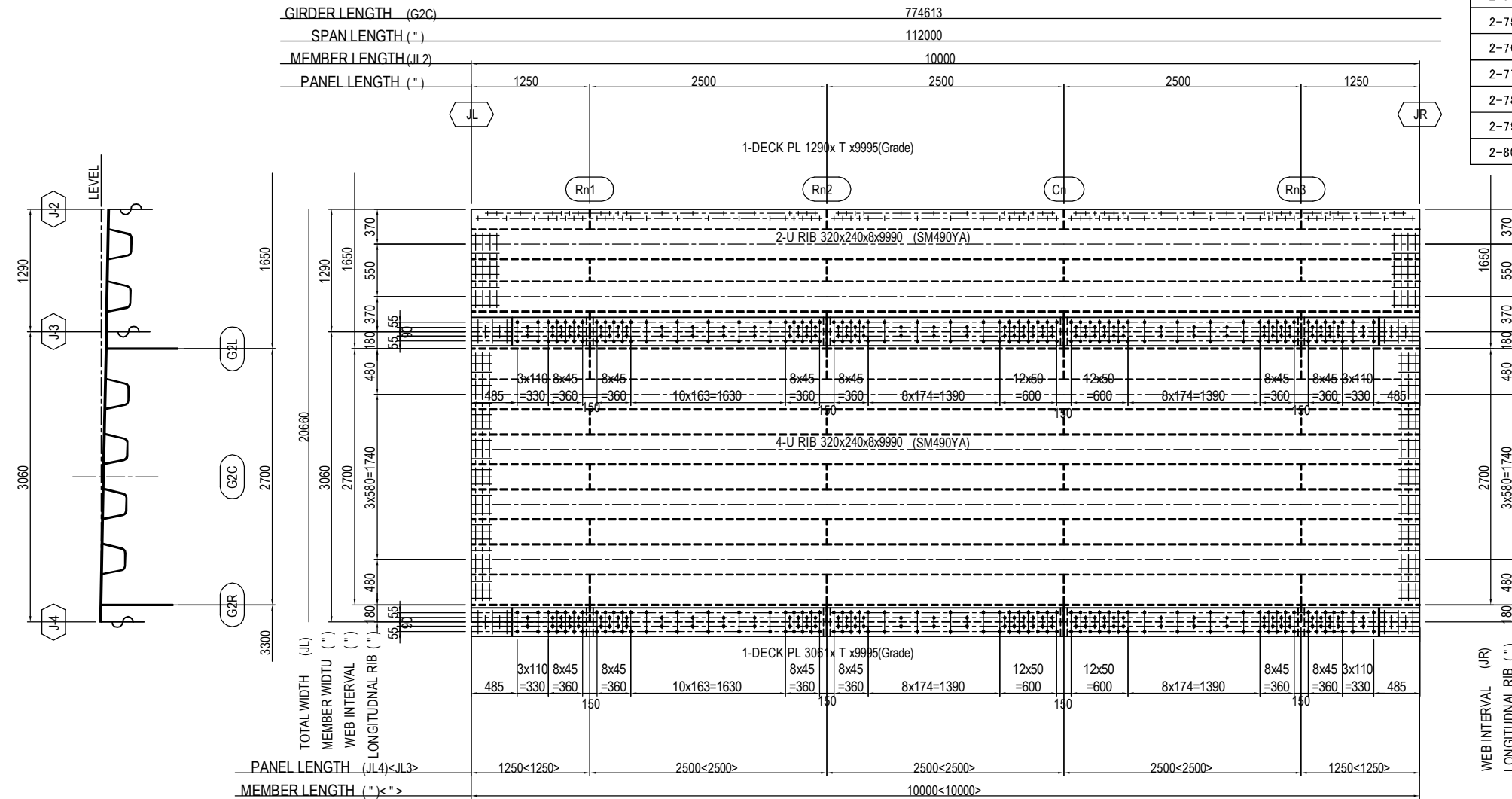


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (44)</h3>	PACKAGE 2 DWG No. P2-SB-1544
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (45) S=1:60

(2-55,2-56,2-57,2-67,2-68,2-69,2-73,2-74,2-75,2-76,2-77,2-78,2-79,2-80)

	JL	JR	Cn	Rn1	Rn2	Rn3	T	Grade	L
2-55	J54	J55	C50	R161	R162	R163	16	SM490YA	70
2-56	J55	J56	C51	R164	R165	R166	16	SM490YA	70
2-57	J56	J57	C52	R167	R168	R169	16	SM490YA	70
2-67	J66	J67	C61	R197	R198	R199	16	SM490YA	70
2-68	J67	J68	C62	R200	R201	R202	16	SM490YA	70
2-69	J68	J69	C63	R203	R204	R205	16	SM490YA	70
2-73	J72	J73	C66	R215	R216	R217	25	SM490YB	80
2-74	J73	J74	C67	R218	R219	R220	16	SM490YA	70
2-75	J74	J75	C68	R221	R222	R223	16	SM490YA	70
2-76	J75	J76	C69	R224	R225	R226	16	SM490YA	70
2-77	J76	J77	C70	R227	R228	R229	16	SM490YA	70
2-78	J77	J78	C71	R230	R231	R232	16	SM490YA	70
2-79	J78	J79	C72	R233	R234	R235	16	SM490YA	70
2-80	J79	J80	C73	R236	R237	R238	16	SM490YA	70



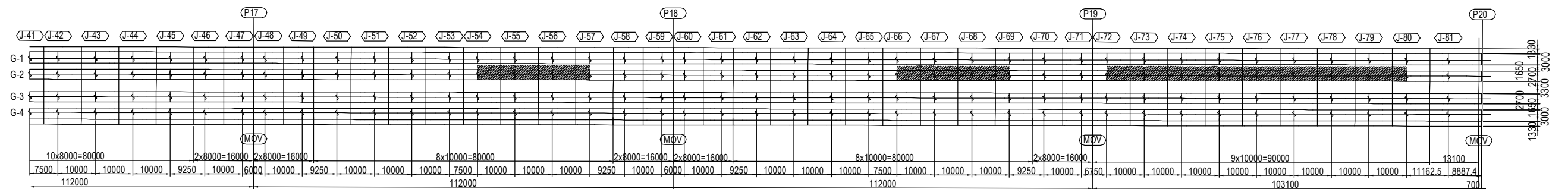
**JL3 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22xL(S10T)

**JL4 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22xL(S10T)

## MARKING DIAGRAM

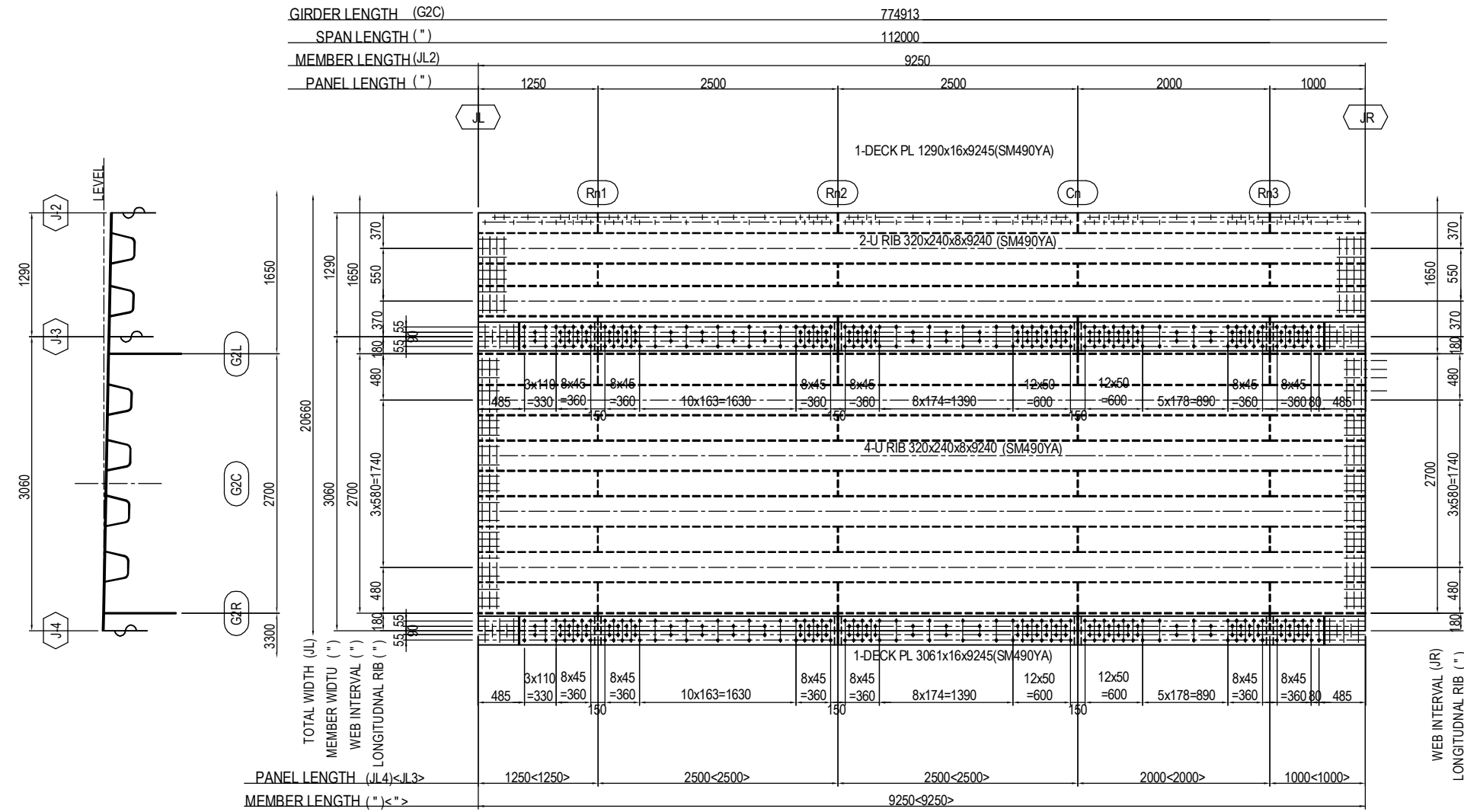


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF DECK PLATE (45)	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO			21 Jun.2017	P2-SB-1545



# DETAIL OF DECK PLATE (46) S=1:60

(2-22,2-34,2-46)



	JL	JR	Cn	Rn1	Rn2	Rn3
2-22	J21	J22	C20	R62	R63	R64
2-34	J33	J34	C31	R98	R99	R100
2-46	J45	J46	C42	R134	R135	R136

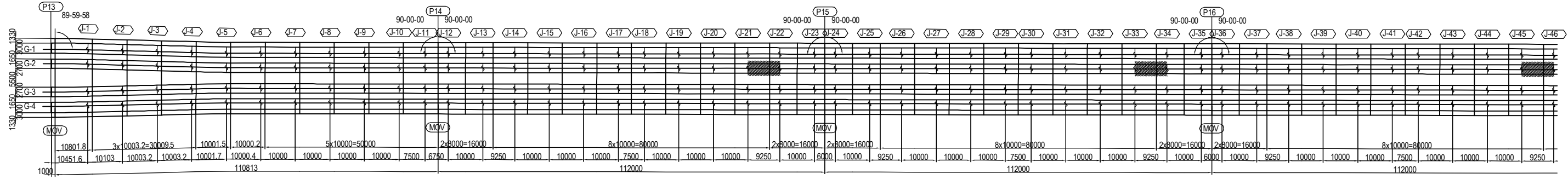
**JL3 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 208-TCB M22x70(S10T)

**JL4 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

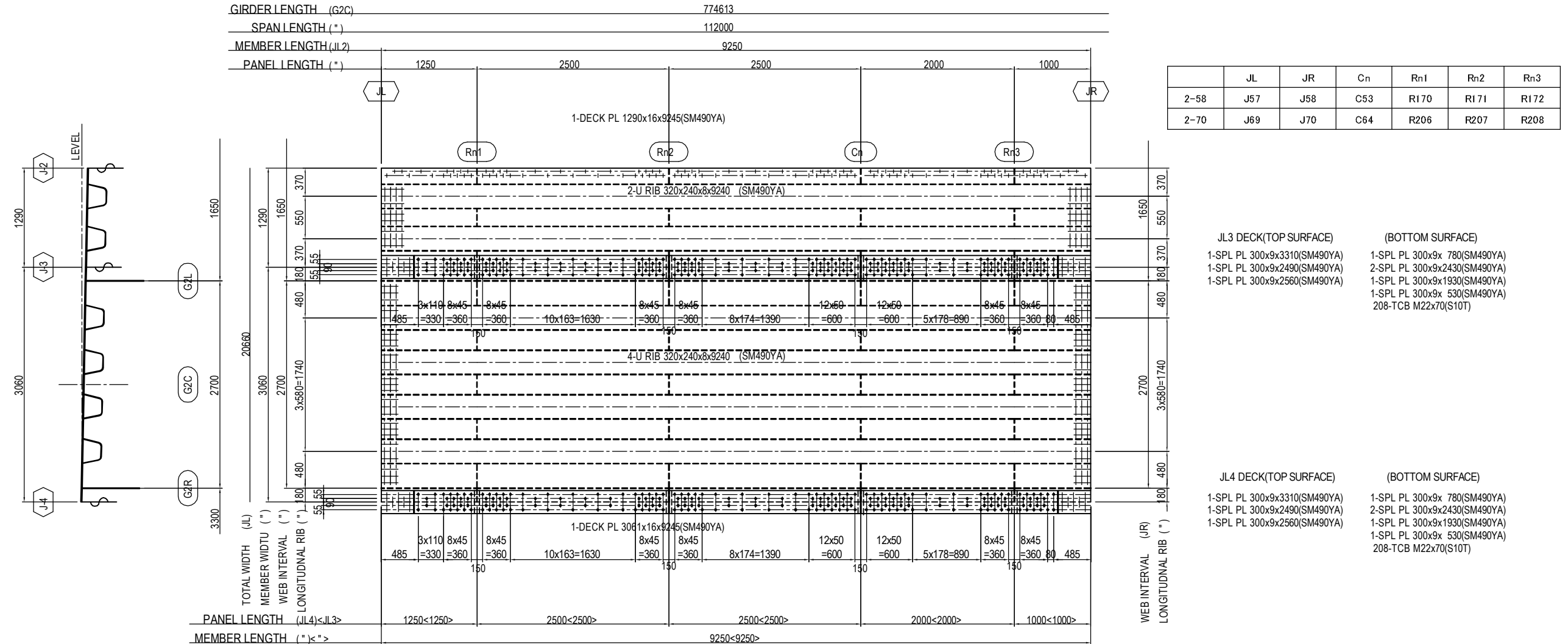
**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 208-TCB M22x70(S10T)

## MARKING DIAGRAM

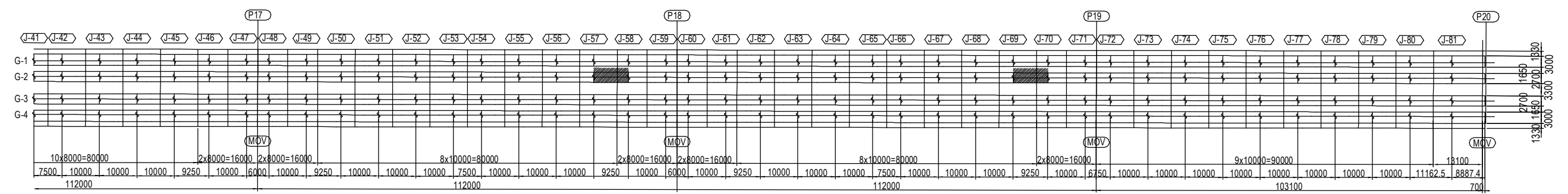


# DETAIL OF DECK PLATE (47) S=1:60

(2-58,2-70)

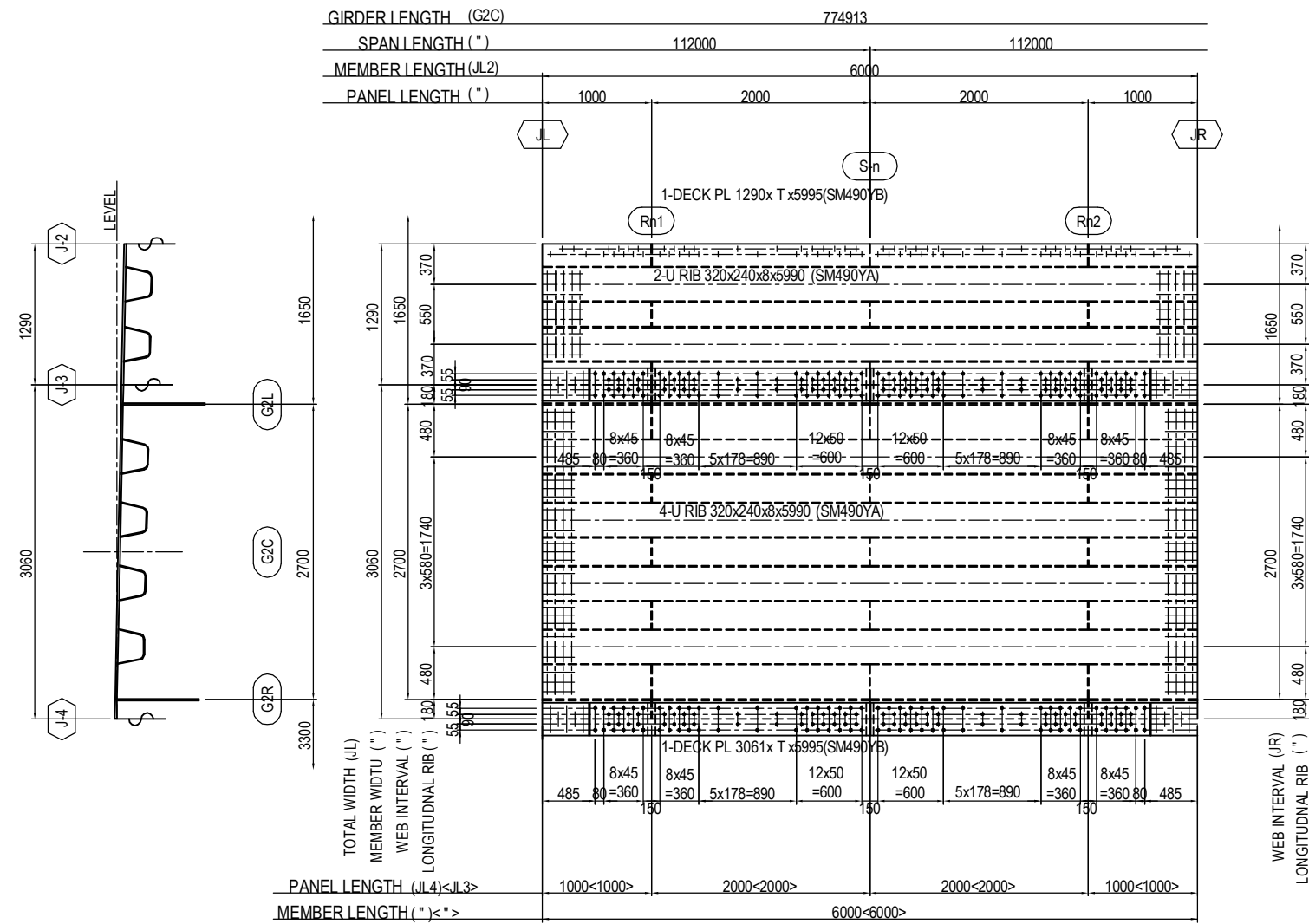


## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>NAME</td> <td>S. IMADA</td> <td>SIGNATURE</td> <td>DATE</td> </tr> <tr> <td>PREPARED BY</td> <td>T. HAYAKAWA</td> <td>SIGNATURE</td> <td>20 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>Y. SANO</td> <td>SIGNATURE</td> <td>21 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td></td> <td></td> <td></td> </tr> </table>	NAME	S. IMADA	SIGNATURE	DATE	PREPARED BY	T. HAYAKAWA	SIGNATURE	20 Jun.2017	CHECKED BY	Y. SANO	SIGNATURE	21 Jun.2017	APPROVED BY				DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (47)</h3>	PACKAGE 2 DWG No. P2-SB-1547
NAME	S. IMADA	SIGNATURE	DATE																			
PREPARED BY	T. HAYAKAWA	SIGNATURE	20 Jun.2017																			
CHECKED BY	Y. SANO	SIGNATURE	21 Jun.2017																			
APPROVED BY																						

# DETAIL OF DECK PLATE (48) S=1:60 (2-24,2-36)



	JL	JR	Cn	Rn1	Rn2	T
2-24	J23	J24	S3	R69	R70	19
2-36	J35	J36	S4	R105	R106	22

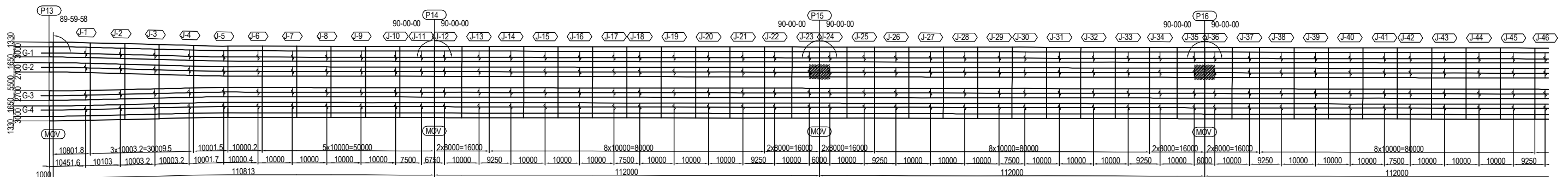
JL3 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

JL4 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

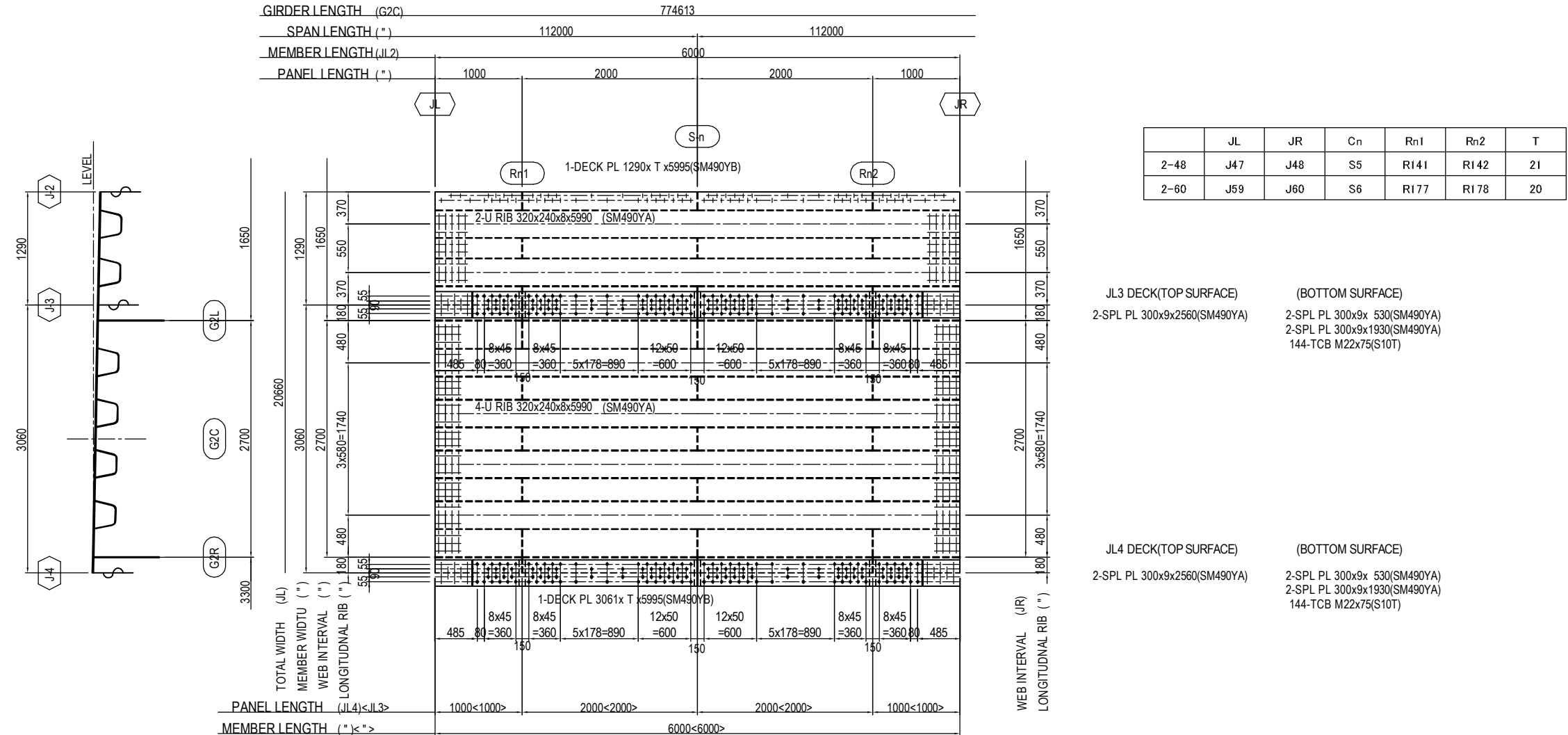
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (48)</b>	PACKAGE 2 DWG No. P2-SB-1548
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# DETAIL OF DECK PLATE (49) S=1:60

## (2-48,2-60)



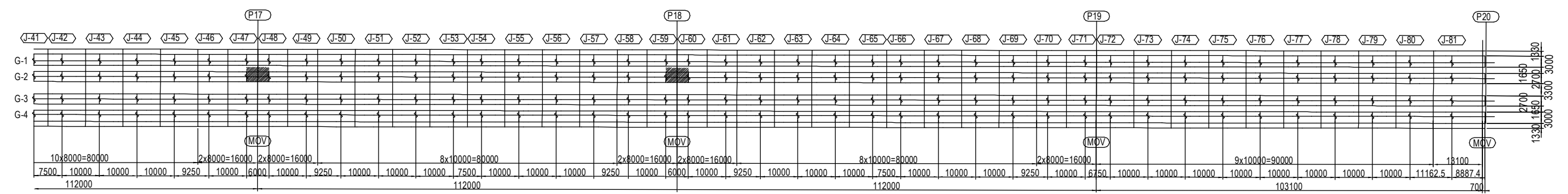
JL3 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

JL4 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

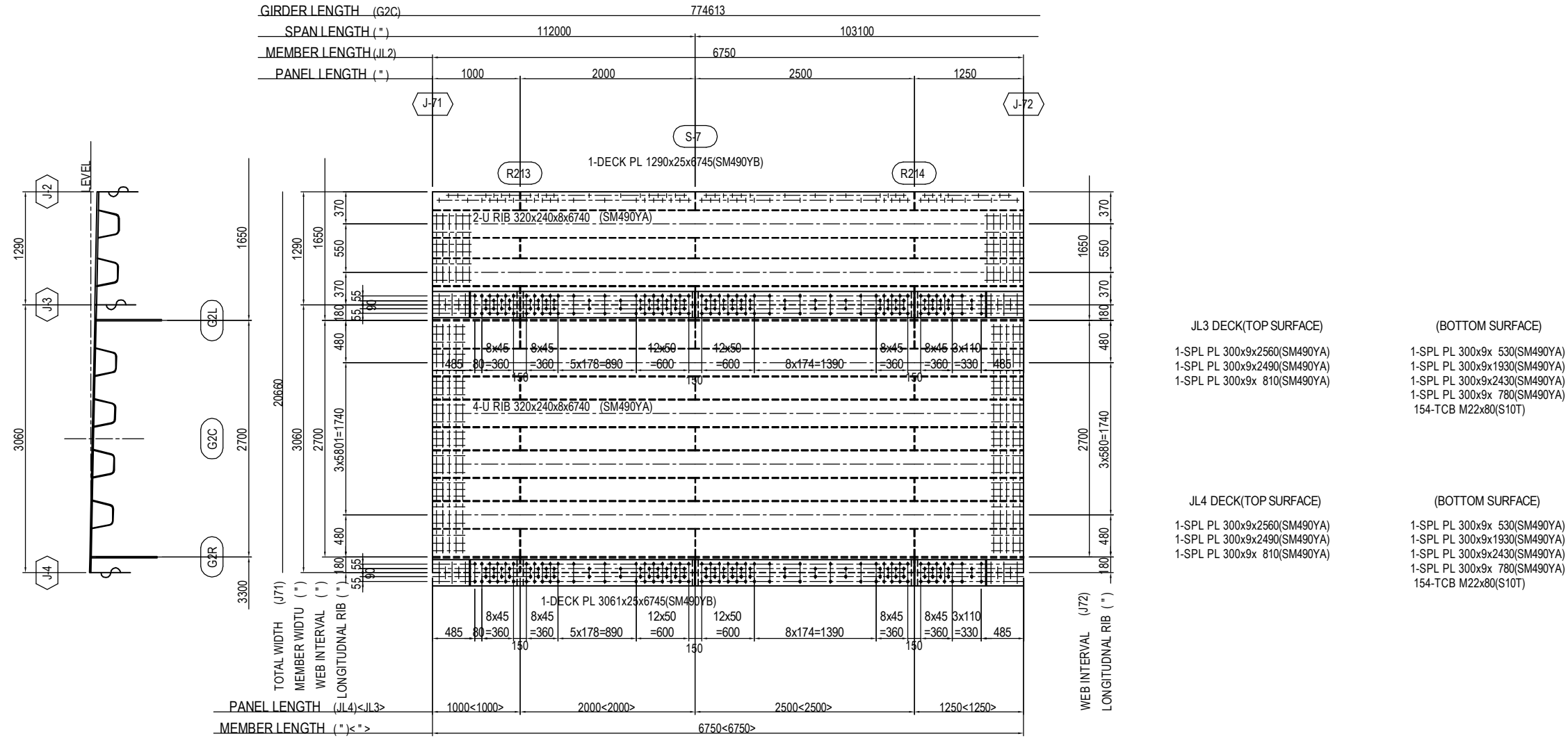
### MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (49)</b>	PACKAGE 2 DWG No. P2-SB-1549
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

# DETAIL OF DECK PLATE (50) S=1:60

(2-72)



**JL3 DECK(TOP SURFACE)**

1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

**(BOTTOM SURFACE)**

1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 154-TCB M22x80(S10T)

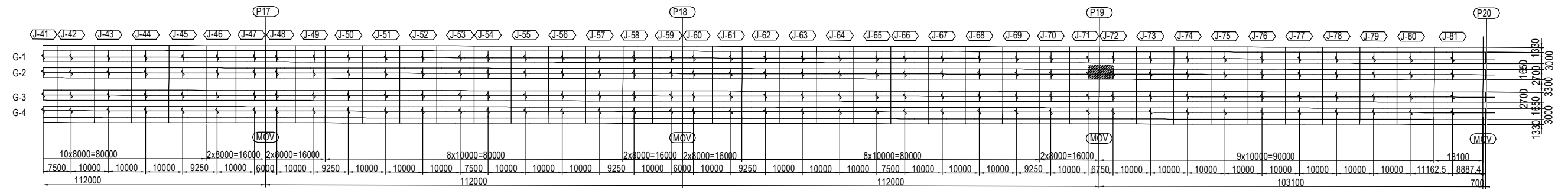
**JL4 DECK(TOP SURFACE)**

1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

**(BOTTOM SURFACE)**

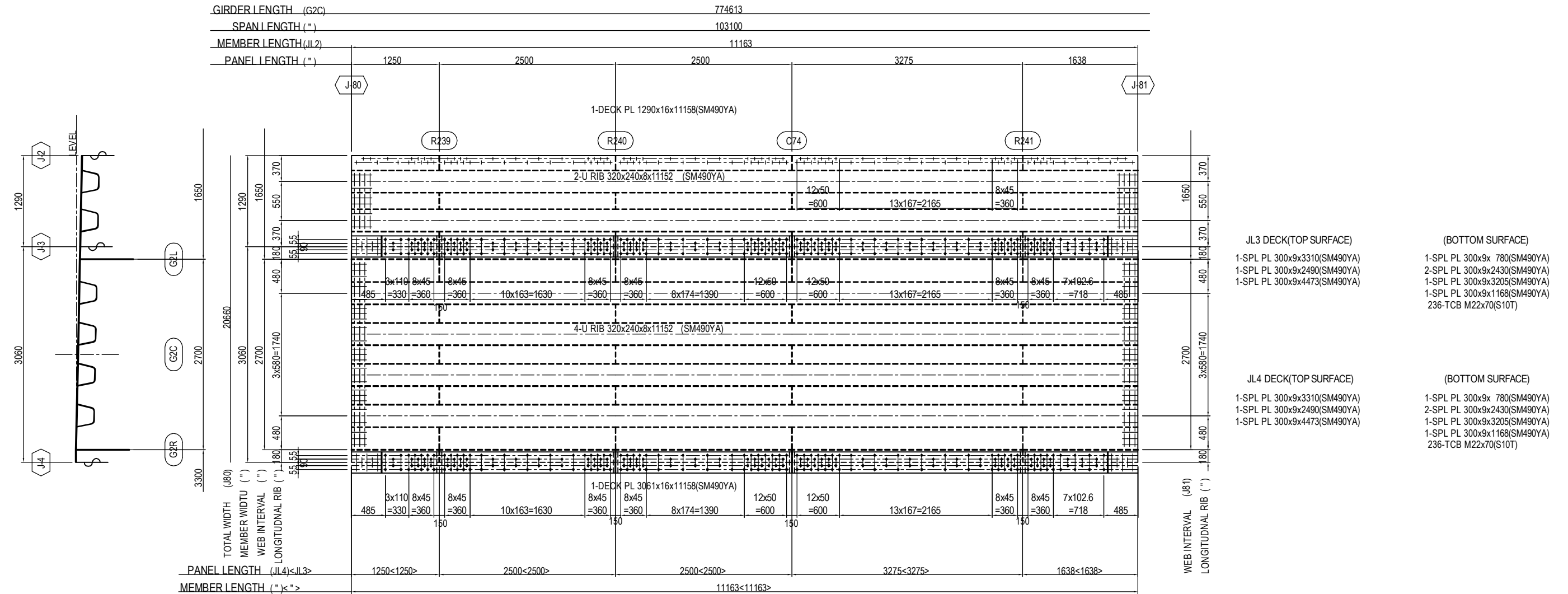
1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 154-TCB M22x80(S10T)

## MARKING DIAGRAM

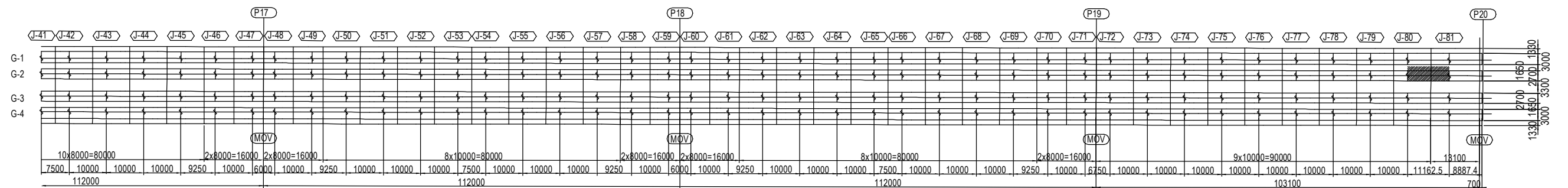


# DETAIL OF DECK PLATE (51) S=1:60

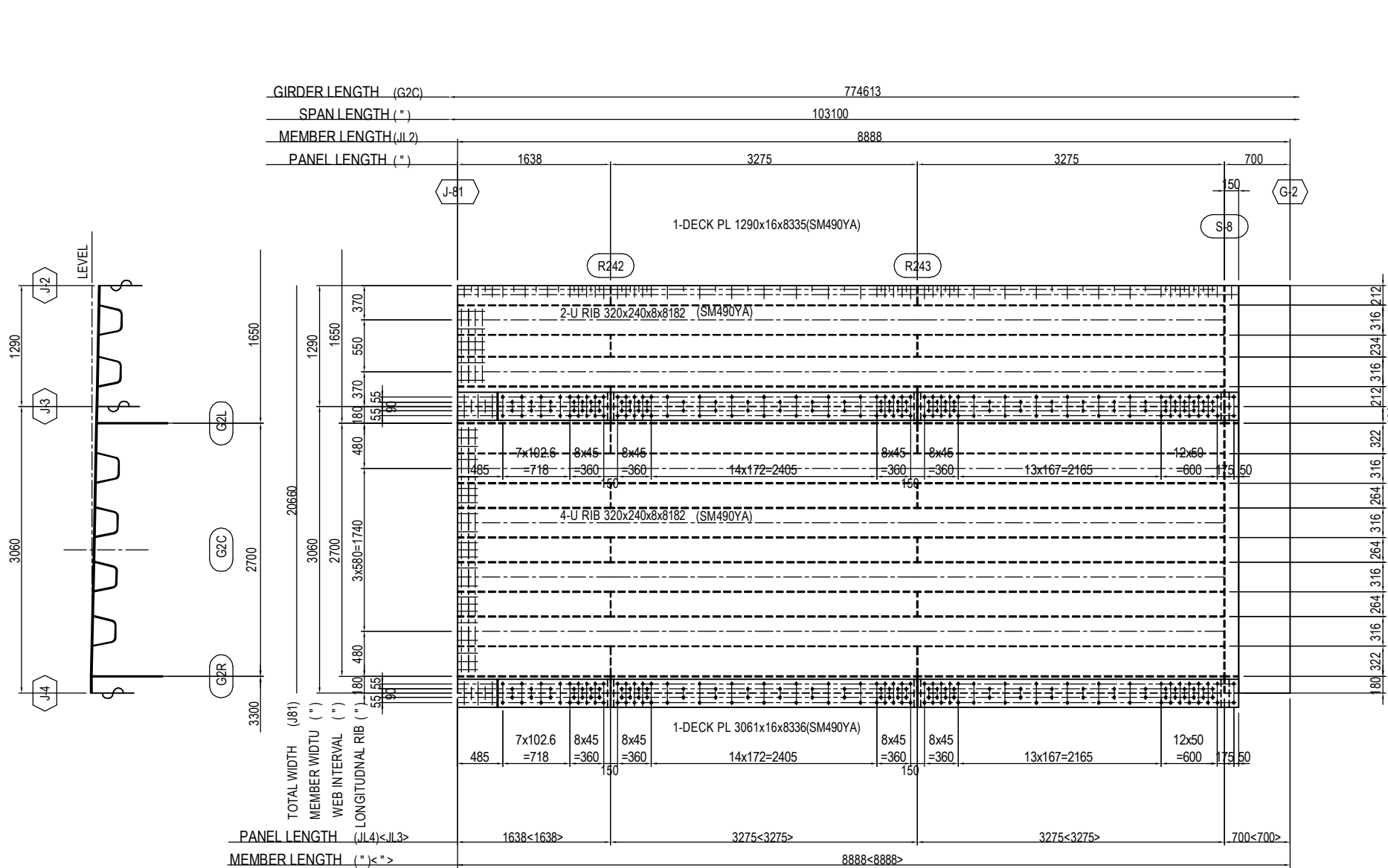
(2-81)



## MARKING DIAGRAM



# DETAIL OF DECK PLATE (52) S=1:60 (2-82)



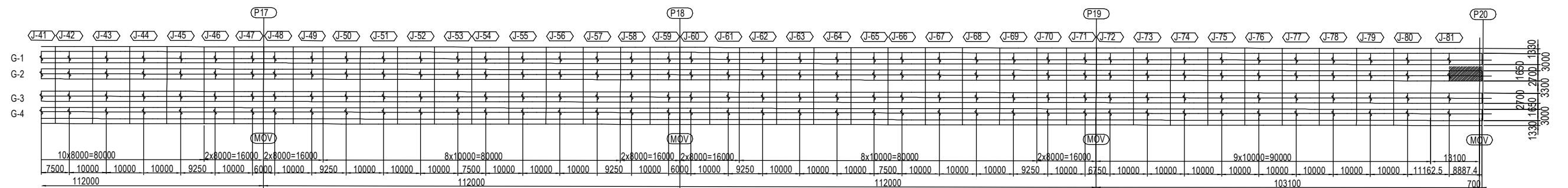
JL3 DECK(TOP SURFACE)  
 1-SPL PL 300x9x1198(SM490YA)  
 1-SPL PL 300x9x3265(SM490YA)  
 1-SPL PL 300x9x3420(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x1168(SM490YA)  
 2-SPL PL 300x9x3205(SM490YA)  
 1-SPL PL 300x9x 100(SM490YA)  
 164-TCB M22x70(S10T)

JL4 DECK(TOP SURFACE)  
 1-SPL PL 300x9x1198(SM490YA)  
 1-SPL PL 300x9x3265(SM490YA)  
 1-SPL PL 300x9x3420(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x1168(SM490YA)  
 2-SPL PL 300x9x3205(SM490YA)  
 1-SPL PL 300x9x 100(SM490YA)  
 164-TCB M22x70(S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (52)</b>	PACKAGE 2 DWG No. P2-SB-1552
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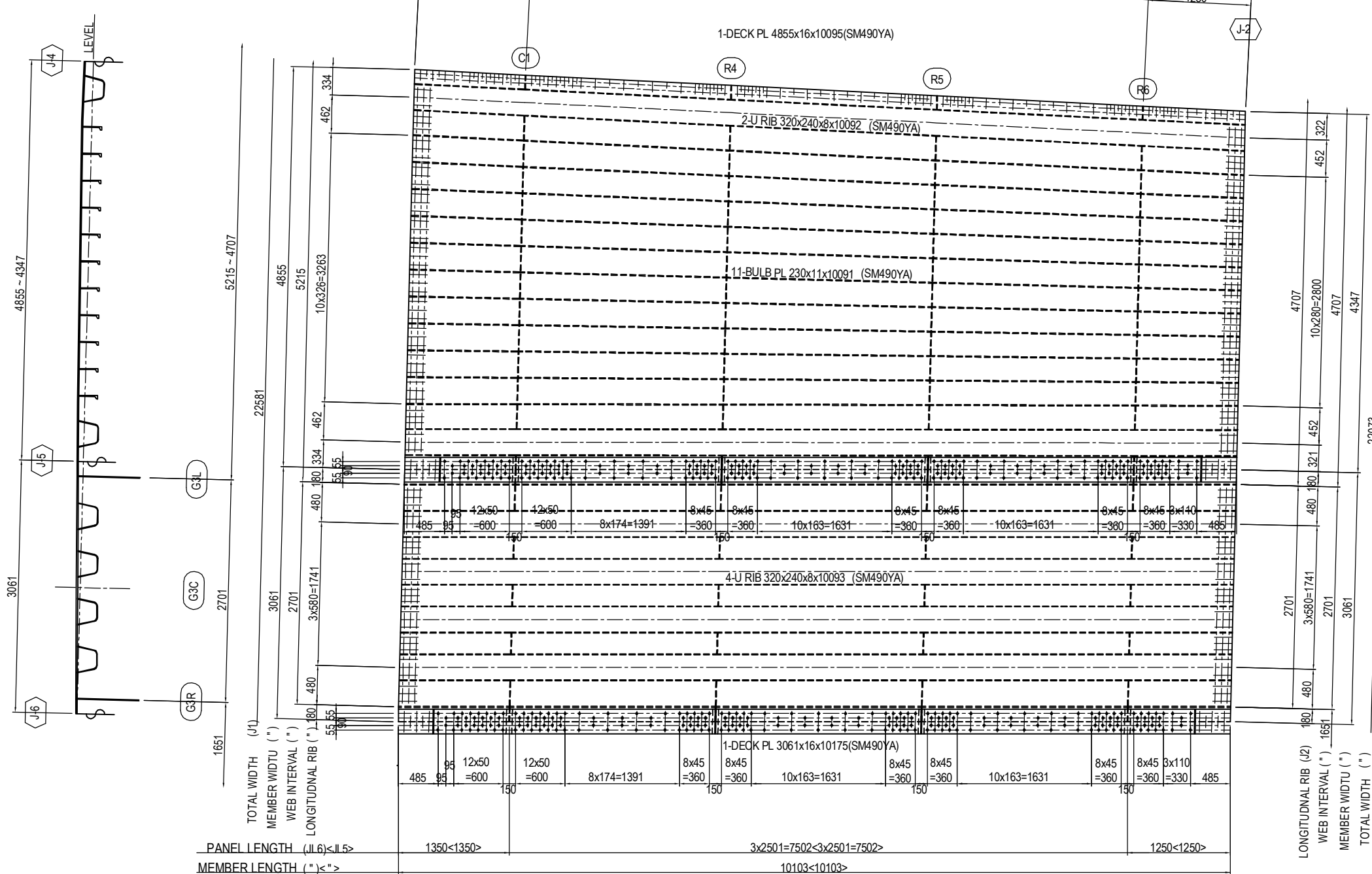




# DETAIL OF DECK PLATE (54) S=1:60

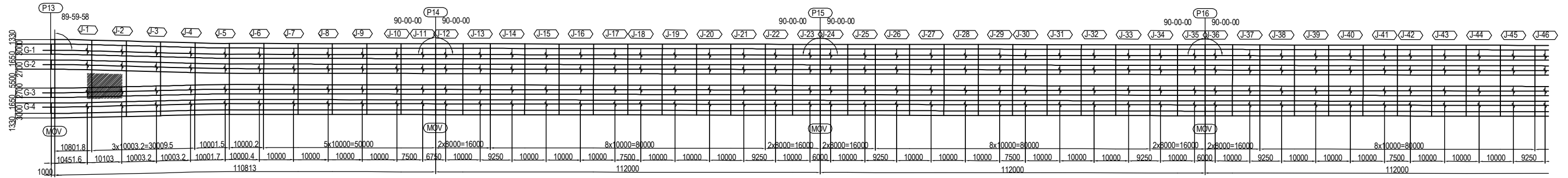
(3-2)

GIRDER LENGTH (G3C)	774913
SPAN LENGTH (")	110813
MEMBER LENGTH (JL4)	10103
PANEL LENGTH (")	3x2501=7502



- JL5 DECK (TOP SURFACE)**
  - 1-SPL PL 300x9x3419(SM490YA)
  - 1-SPL PL 300x9x2499(SM490YA)
  - 1-SPL PL 300x9x3319(SM490YA)
- (BOTTOM SURFACE)**
  - 1-SPL PL 300x9x 888(SM490YA)
  - 3-SPL PL 300x9x2439(SM490YA)
  - 1-SPL PL 300x9x 788(SM490YA)
  - 220-TCB M22x70(S10T)
- JL6 DECK (TOP SURFACE)**
  - 1-SPL PL 300x9x3419(SM490YA)
  - 1-SPL PL 300x9x2499(SM490YA)
  - 1-SPL PL 300x9x3319(SM490YA)
- (BOTTOM SURFACE)**
  - 1-SPL PL 300x9x 888(SM490YA)
  - 3-SPL PL 300x9x2439(SM490YA)
  - 1-SPL PL 300x9x 788(SM490YA)
  - 220-TCB M22x70(S10T)

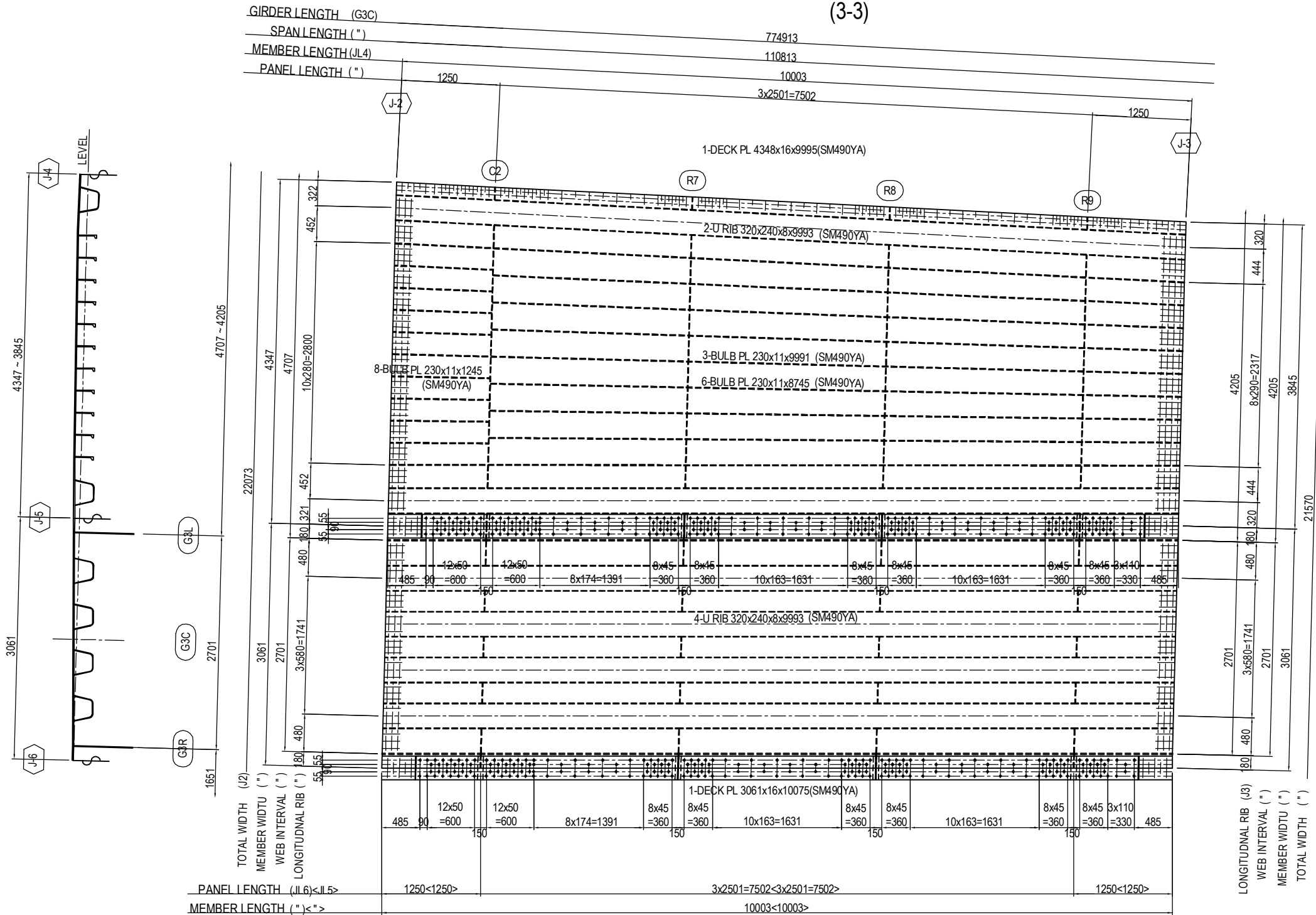
## MARKING DIAGRAM



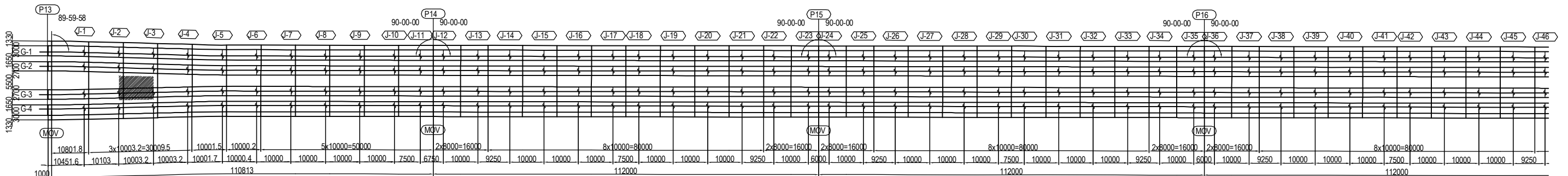
<b>PROJECT NAME</b> DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	<b>FINANCED BY</b> JAPAN INTERNATIONAL COOPERATION AGENCY	<b>COUNTERPART</b> REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	<b>JICA STUDY TEAM</b> NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<b>NAME</b> S. IMADA	<b>SIGNATURE</b> 	<b>DATE</b> 15 Jun.2017	<b>DRAWING TITLE</b> DETAIL OF DECK PLATE (54)	<b>PACKAGE</b> 2
				<b>PREPARED BY</b> T. HAYAKAWA		20 Jun.2017		DWG No.
				<b>CHECKED BY</b> Y. SANO		21 Jun.2017		P2-SB-1554
				<b>APPROVED BY</b> Y. SANO				

# DETAIL OF DECK PLATE (55) S=1:60

(3-3)



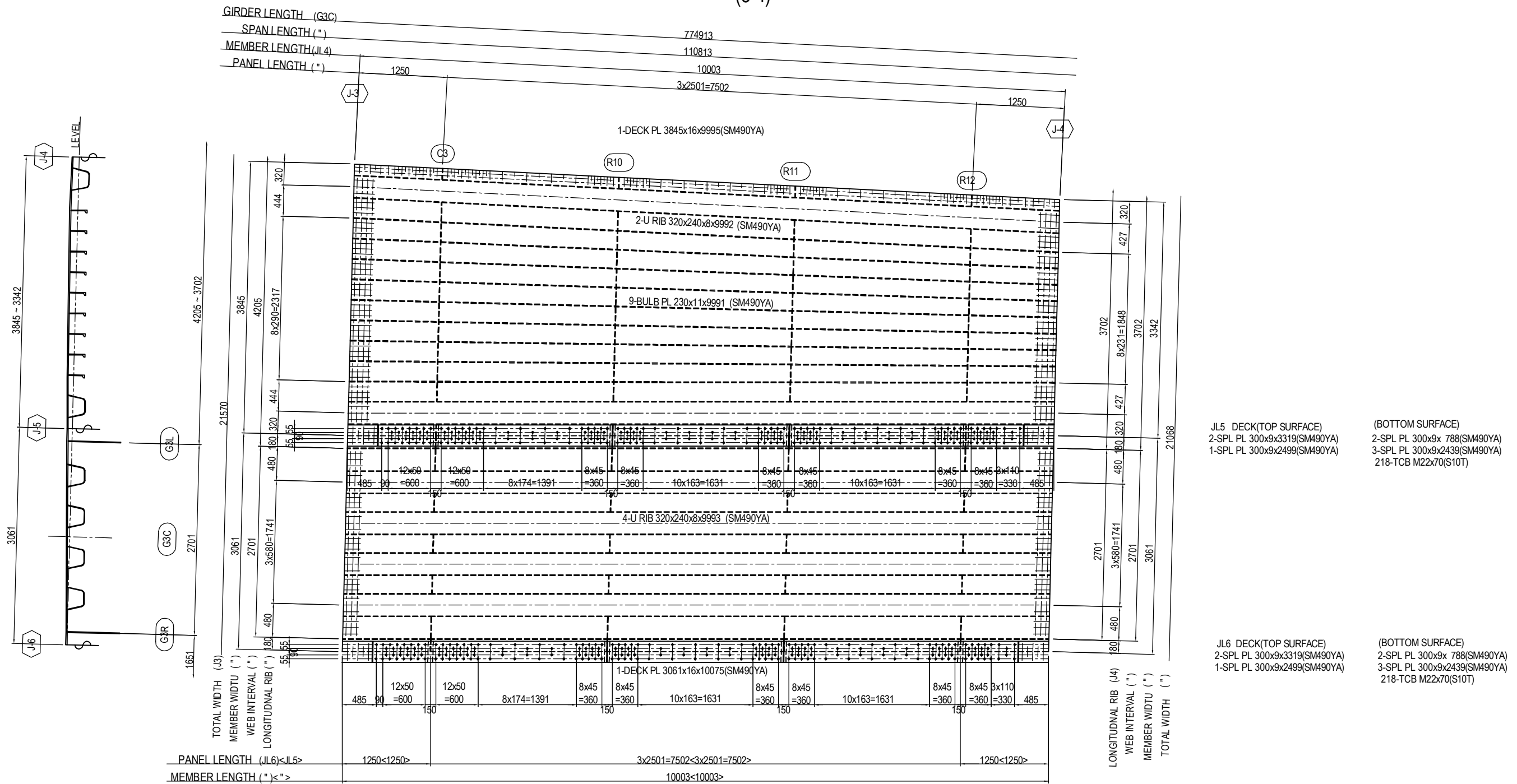
## MARKING DIAGRAM



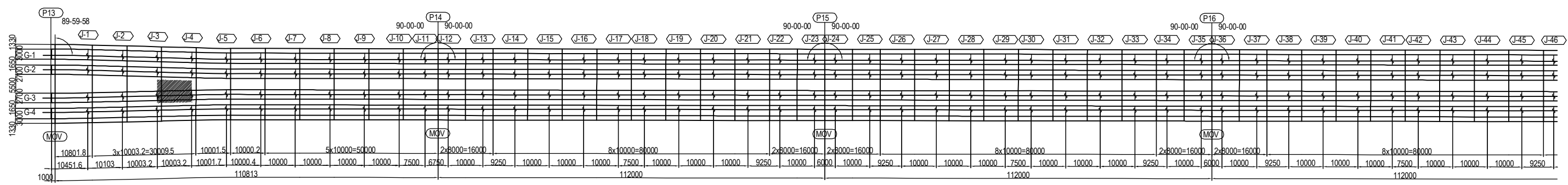
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		DWG No.
				APPROVED BY	Y. SANO	21 Jun.2017		P2-SB-1555

# DETAIL OF DECK PLATE (56) S=1:60

(3-4)

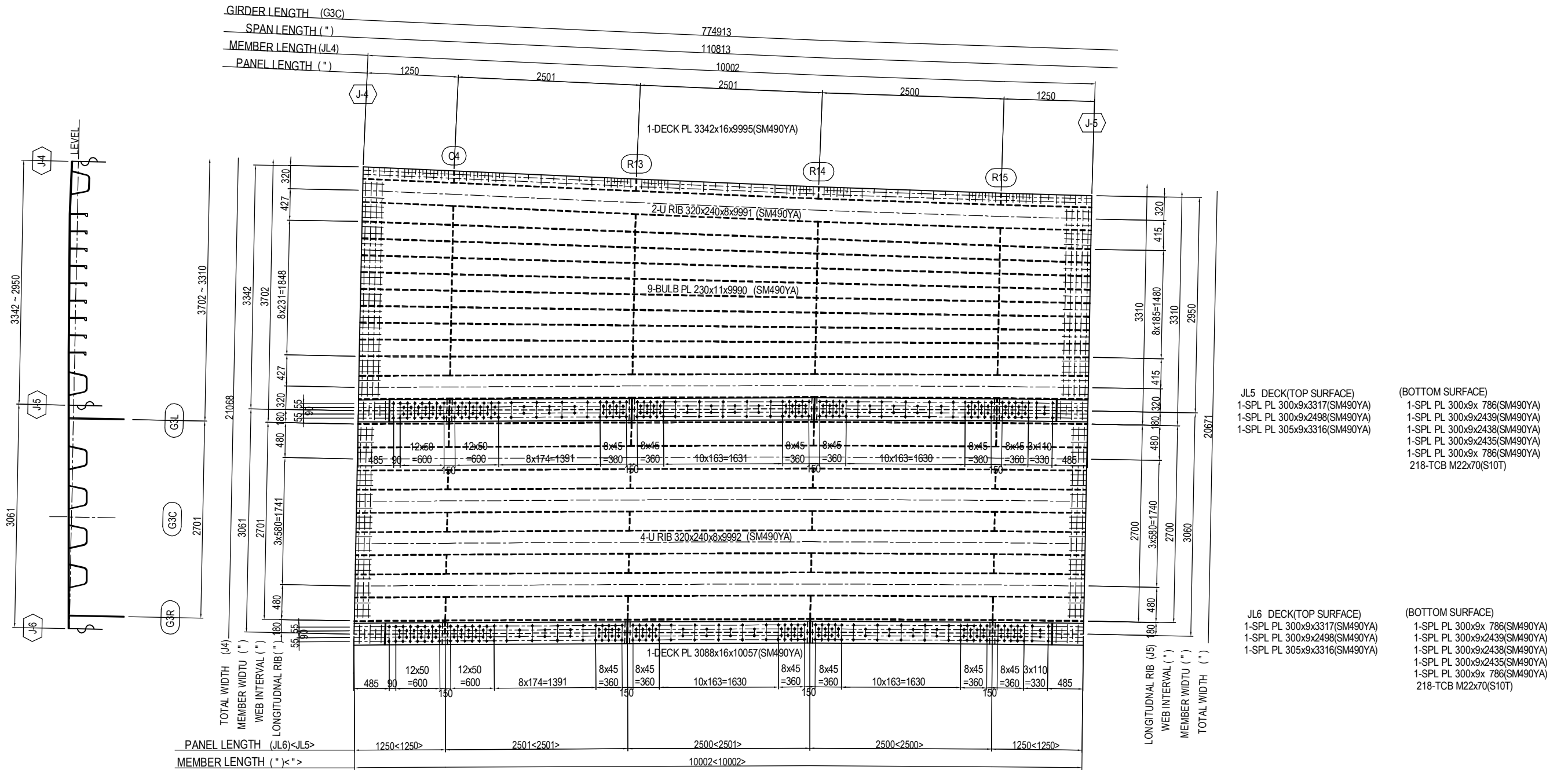


## MARKING DIAGRAM

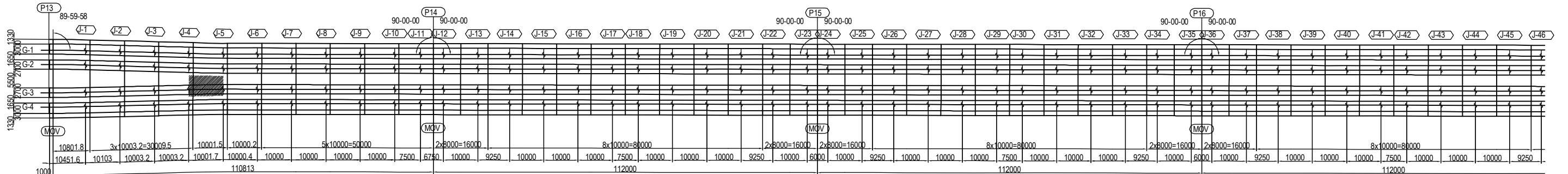


# DETAIL OF DECK PLATE (57) S=1:60

(3-5)



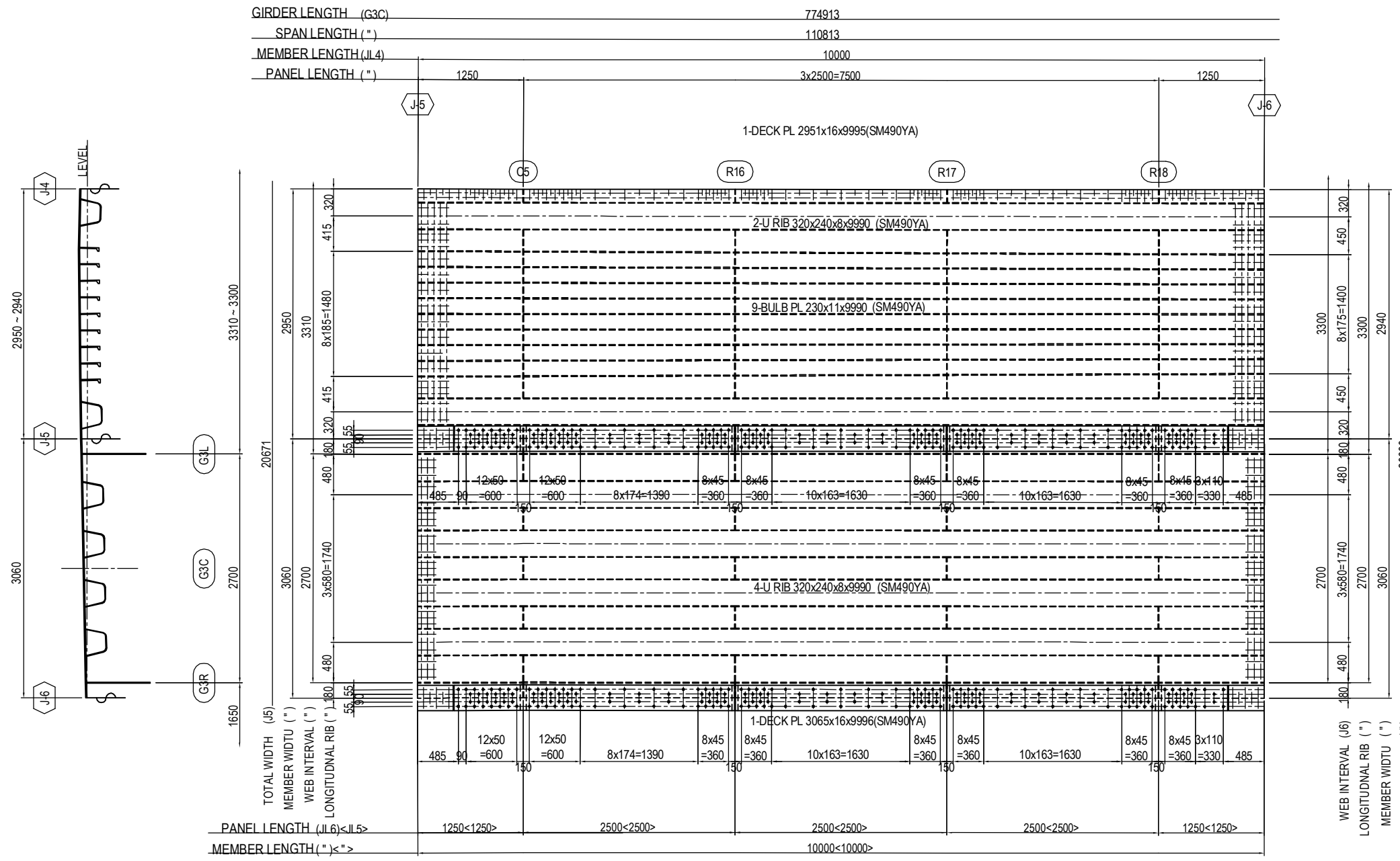
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT		FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY		COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE		JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.		<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>				NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (57)</b>		PACKAGE 2 DWG No. P2-SB-1557
	NAME	SIGNATURE	DATE																										
PREPARED BY	S. IMADA		15 Jun.2017																										
CHECKED BY	T. HAYAKAWA		20 Jun.2017																										
APPROVED BY	Y. SANO		21 Jun.2017																										

# DETAIL OF DECK PLATE (58) S=1:60

## (3-6)



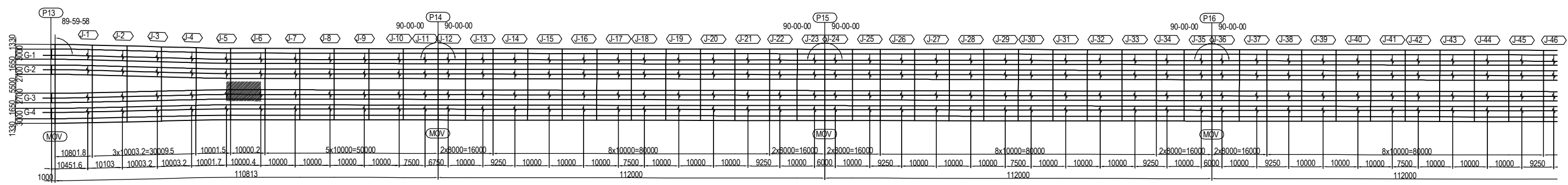
**JL5 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 218-TCB M22x70(S10T)

**JL6 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 218-TCB M22x70(S10T)

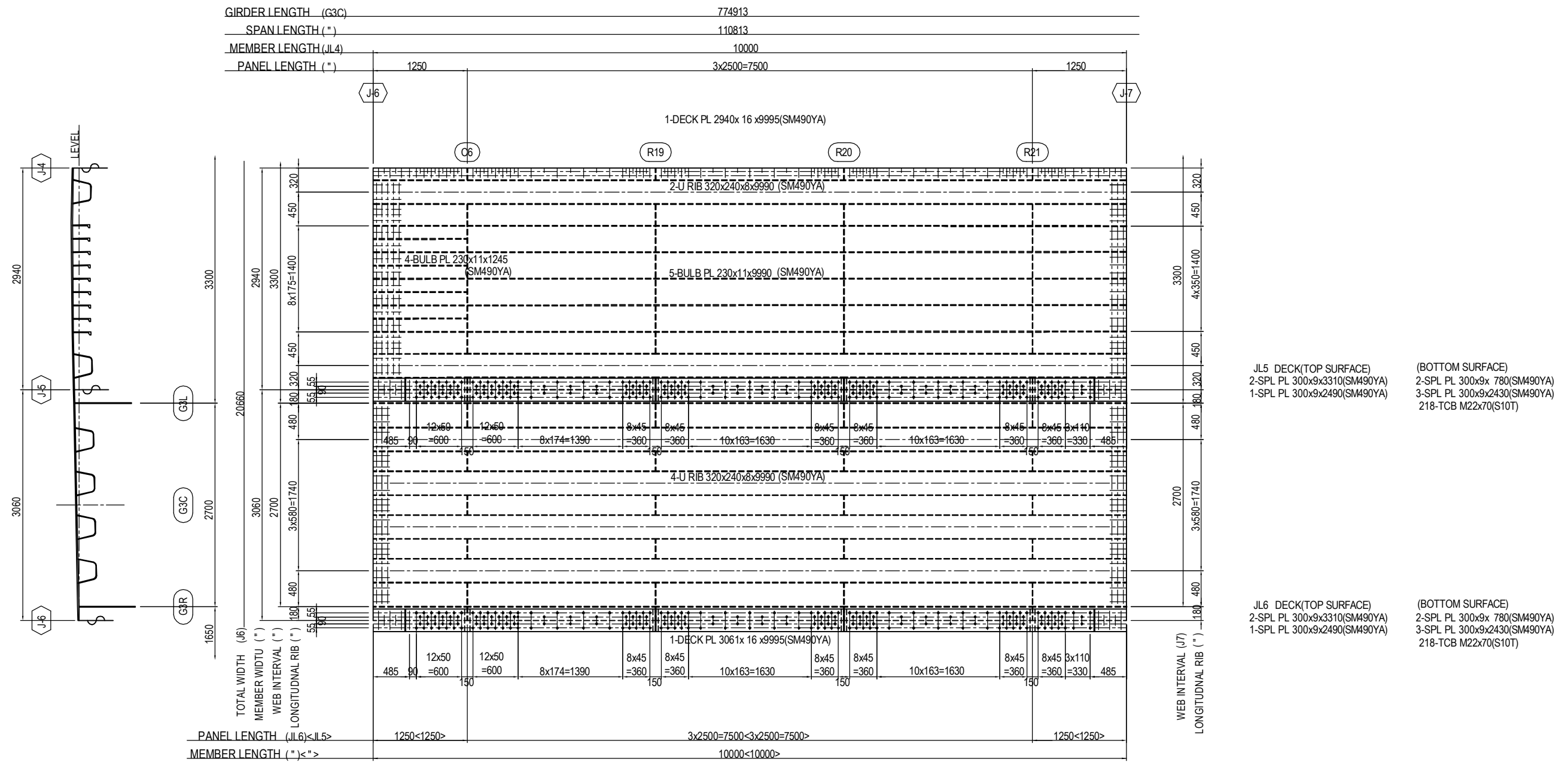
### MARKING DIAGRAM



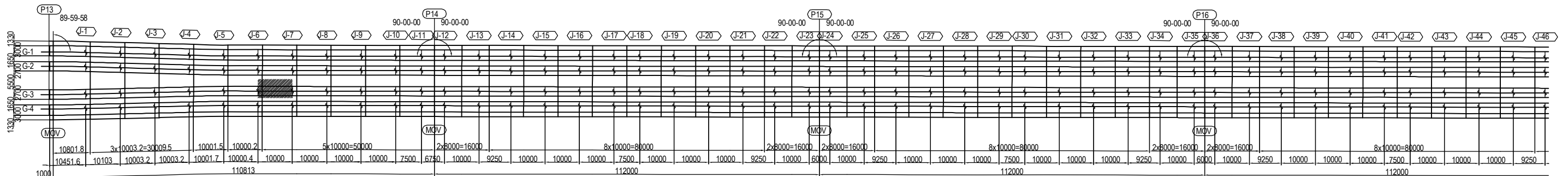
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (58)</b>	PACKAGE 2 DWG No. P2-SB-1558
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# DETAIL OF DECK PLATE (59) S=1:60

(3-7)



## MARKING DIAGRAM

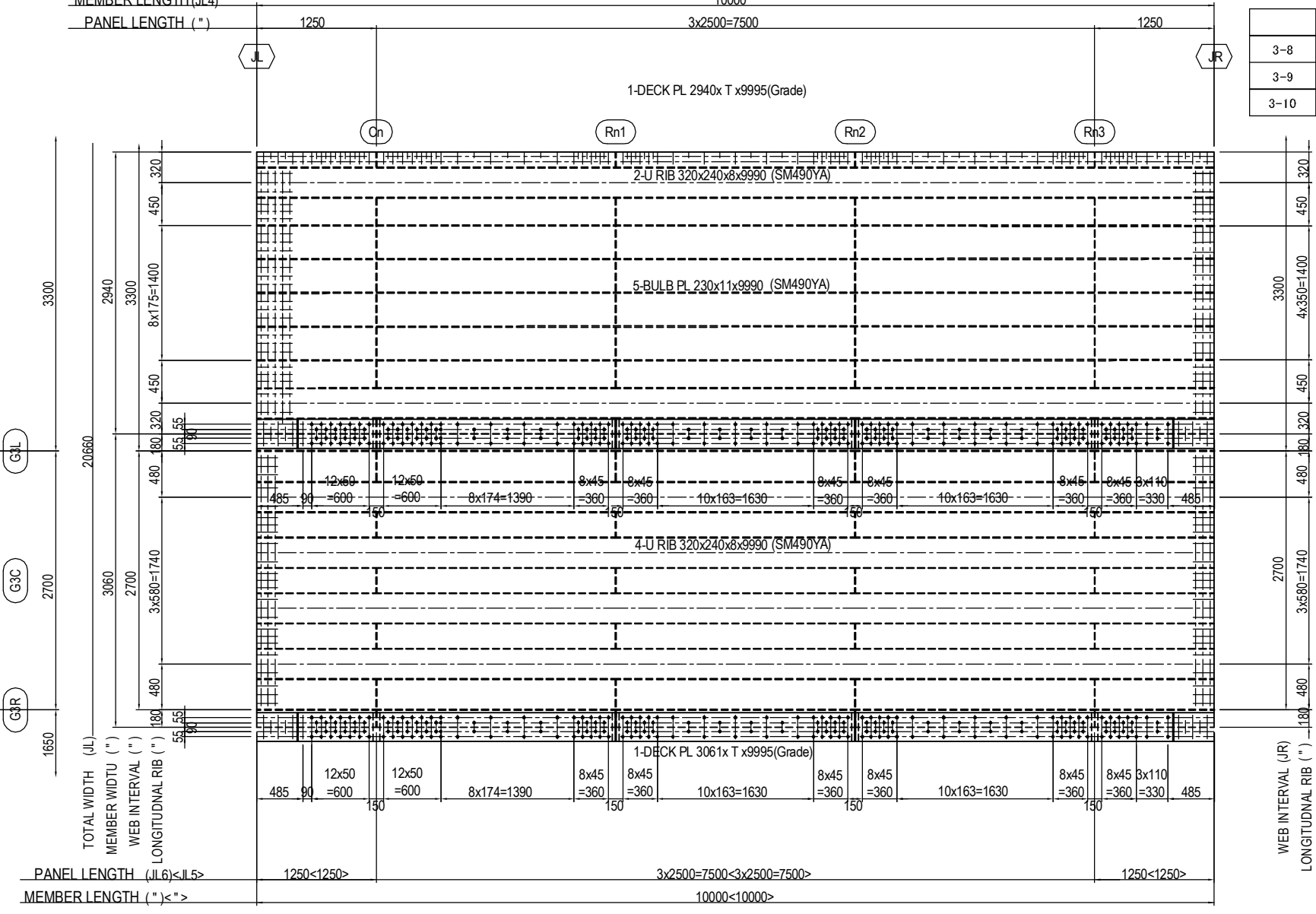
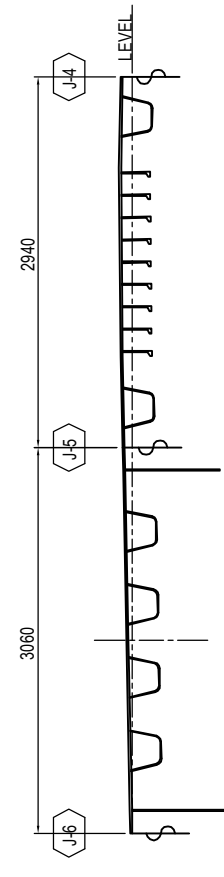


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (59)</b>	PACKAGE 2 DWG No. P2-SB-1559
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# DETAIL OF DECK PLATE (60) S=1:60 (3-8,3-9,3-10)

GIRDER LENGTH (G3C)	774913
SPAN LENGTH (" )	110813
MEMBER LENGTH (JL4)	10000
PANEL LENGTH (" )	3x2500=7500

	JL	JR	Cn	Rn1	Rn2	Rn3	T	Grade	L
3-8	J7	J8	C7	R22	R23	R24	16	SM490YA	70
3-9	J8	J9	C8	R25	R26	R27	16	SM490YA	70
3-10	J9	J10	C9	R28	R29	R30	22	SM490YB	75



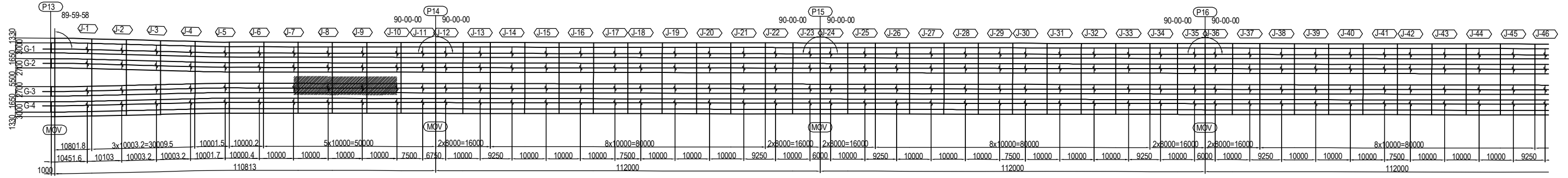
JL5 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22xL(S10T)

JL6 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

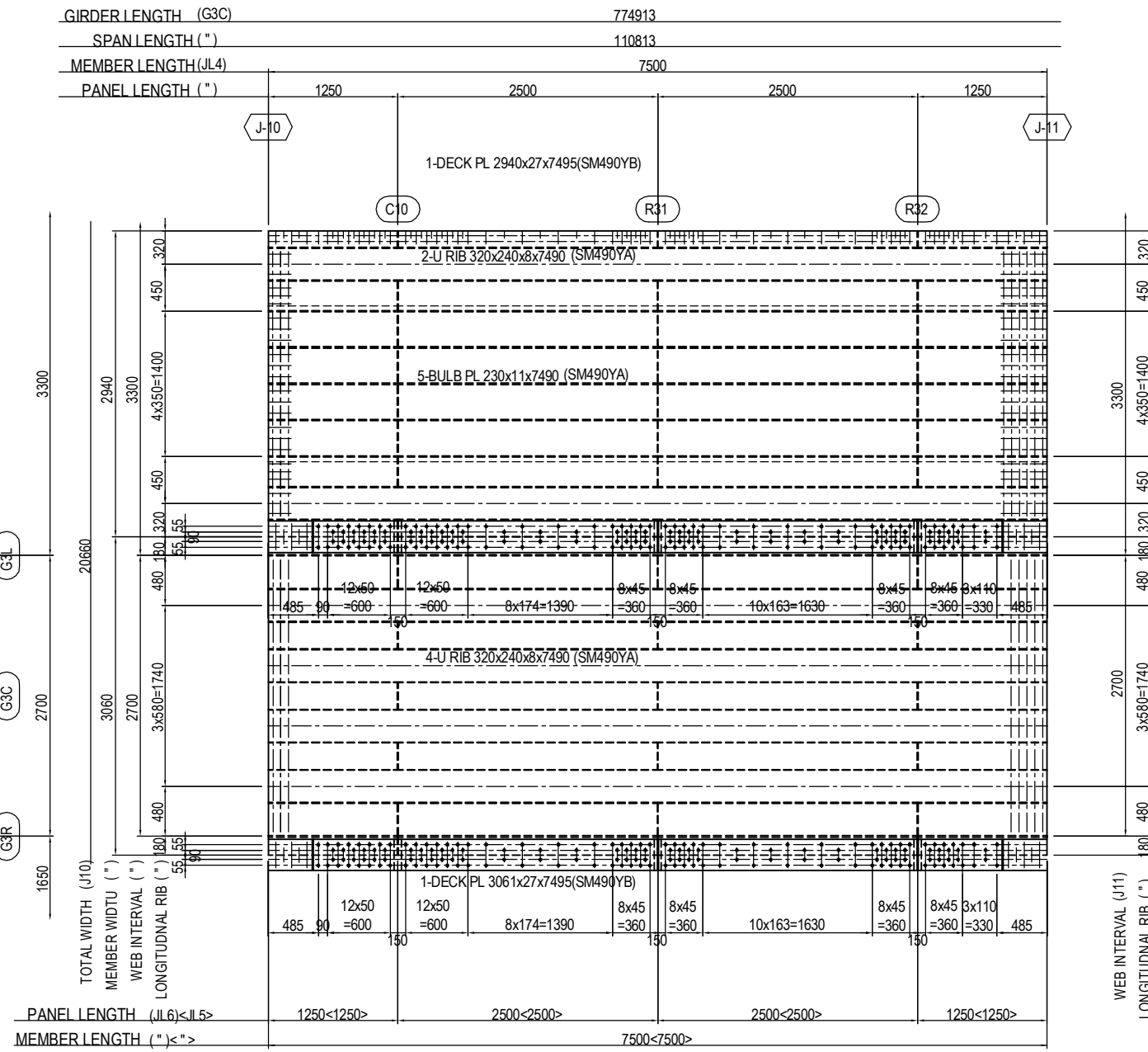
(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22xL(S10T)

## MARKING DIAGRAM

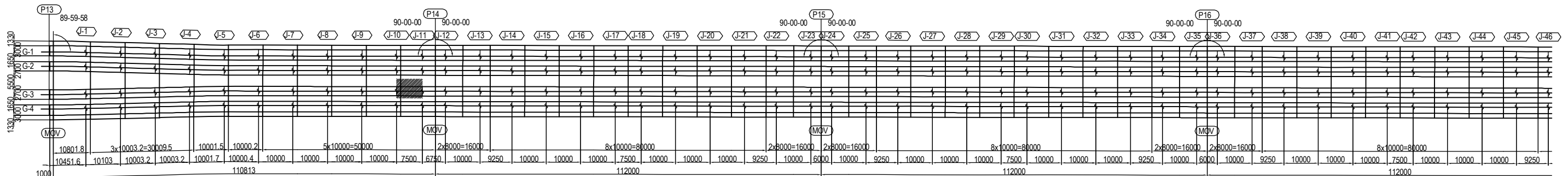


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> <tr> <td>PREPARED BY S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY S. IMADA		15 Jun.2017	CHECKED BY T. HAYAKAWA		20 Jun.2017	APPROVED BY Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (60)</h3>	PACKAGE 2 DWG No. P2-SB-1560
NAME	SIGNATURE	DATE																
PREPARED BY S. IMADA		15 Jun.2017																
CHECKED BY T. HAYAKAWA		20 Jun.2017																
APPROVED BY Y. SANO		21 Jun.2017																

## DETAIL OF DECK PLATE (61) S=1:60 (3-11)



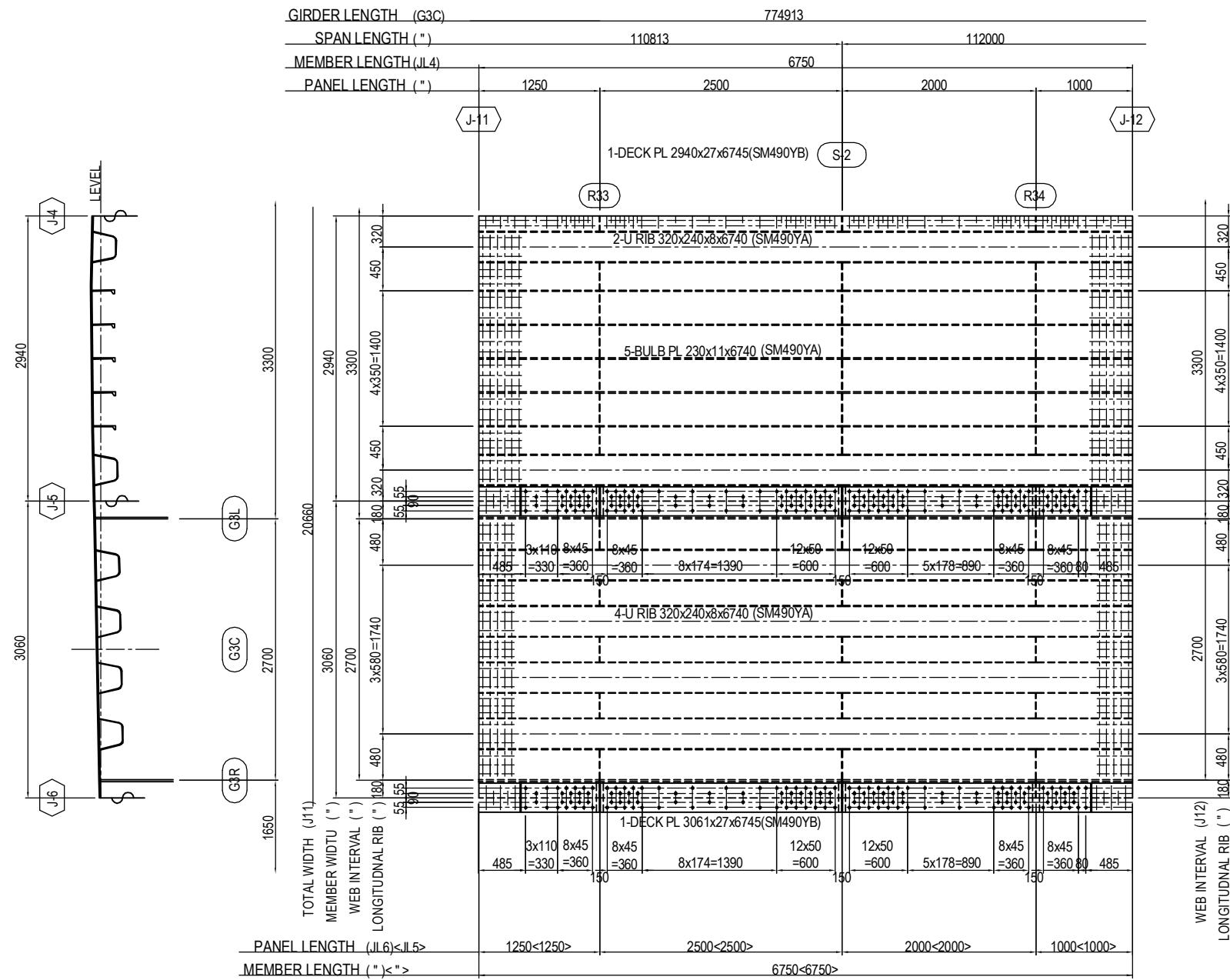
### MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY S. IMADA CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 15 Jun. 2017 20 Jun. 2017 21 Jun. 2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (61)</h3>	PACKAGE 2 DWG No. P2-SB-1561
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# DETAIL OF DECK PLATE (62) S=1:60 (3-12)



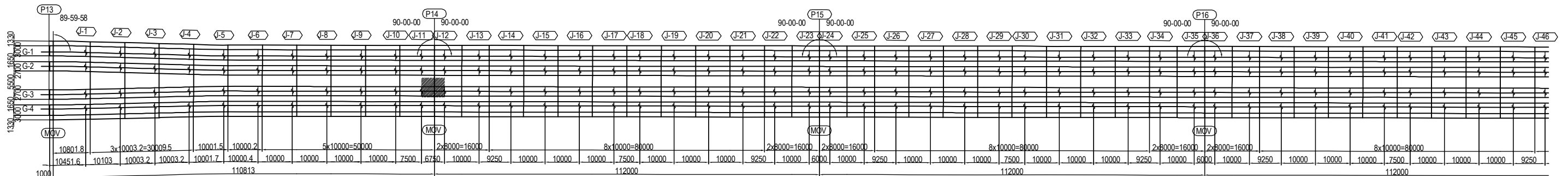
**JL5 DECK(TOP SURFACE)**  
 1-SPL PL 3000x9x 810(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 1-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 154-TCB M22x80(S10T)

**JL6 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x 810(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 1-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 154-TCB M22x80(S10T)

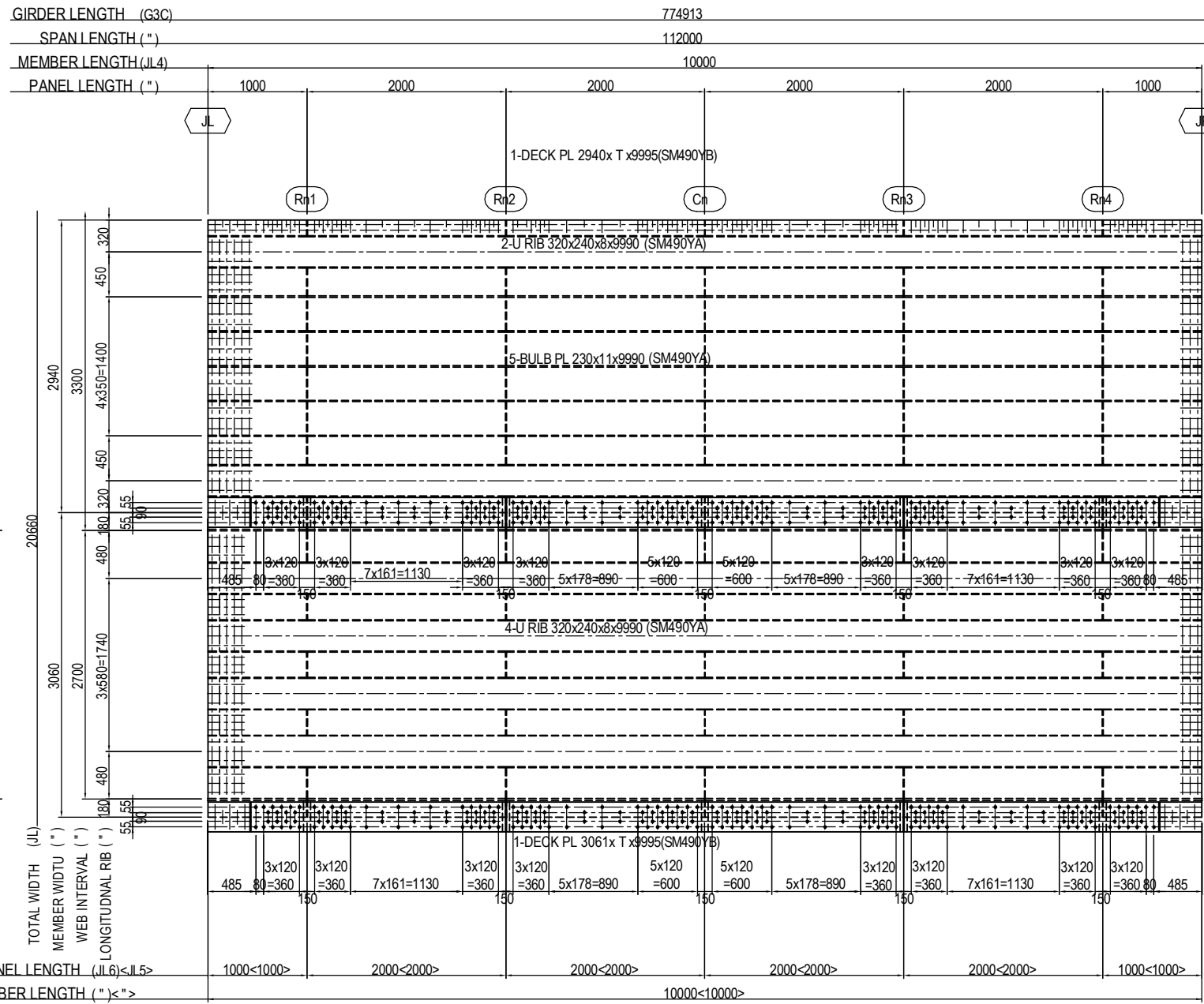
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE DETAIL OF DECK PLATE (62)	PACKAGE 2 DWG No. P2-SB-1562
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# DETAIL OF DECK PLATE (63) S=1:60

(3-13,3-23,3-25,3-35,3-37)



	JL	JR	Cn	Rn1	Rn2	Rn3	Rn4	T	L
3-13	J12	J13	C11	R35	R36	R37	R38	27	80
3-23	J22	J23	C21	R65	R66	R67	R68	19	75
3-25	J24	J25	C22	R71	R72	R73	R74	19	75
3-35	J34	J35	C32	R101	R102	R103	R104	22	75
3-37	J36	J37	C33	R107	R108	R109	R110	22	75

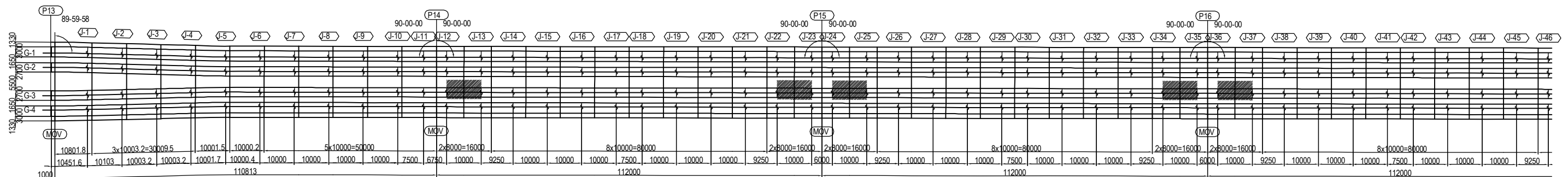
**JL5 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x3990(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 530(SM490YA)  
 4-SPL PL 300x9x1930(SM490YA)  
 240-TCB M22xL(S10T)

**JL6 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x3990(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 530(SM490YA)  
 4-SPL PL 300x9x1930(SM490YA)  
 240-TCB M22xL(S10T)

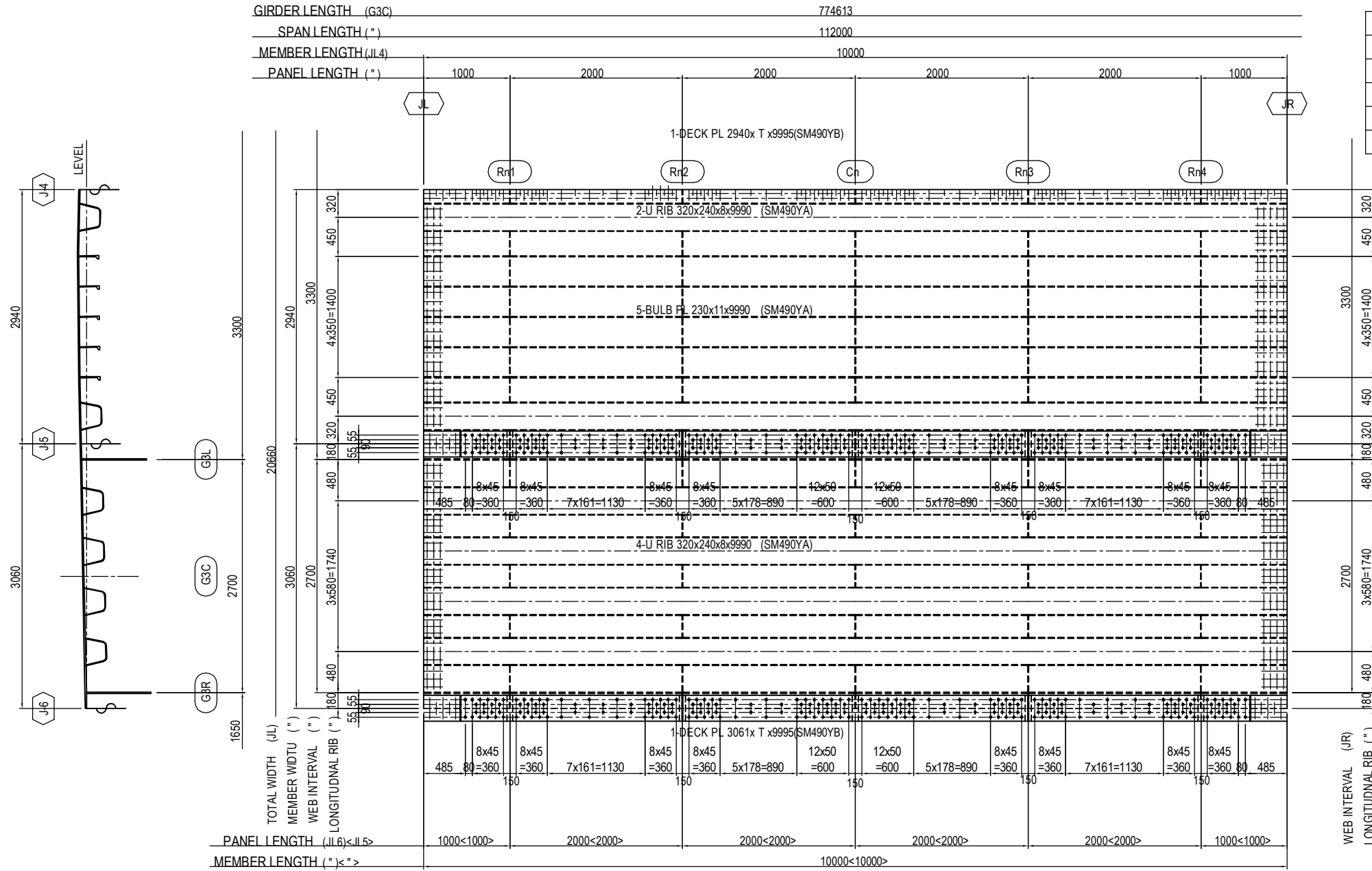
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (63)</h3>	PACKAGE 2 DWG No. P2-SB-1563
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (64) S=1:60

(3-47,3-49,3-59,3-61,3-71)



	JL	JR	Cn	Rn1	Rn2	Rn3	Rn4	T	L
3-47	J46	J47	C43	R137	R138	R139	R140	21	75
3-48	J48	J49	C44	R143	R144	R145	R146	21	75
3-59	J58	J59	C54	R173	R174	R175	R176	20	75
3-61	J60	J61	C55	R179	R180	R181	R182	20	75
3-71	J70	J71	C65	R209	R210	R211	R212	25	80

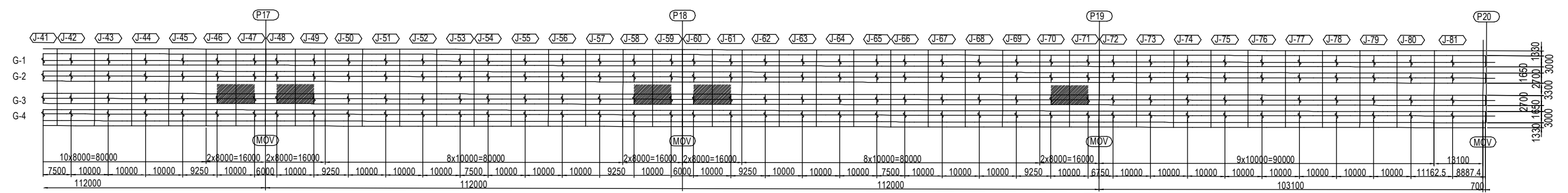
**JL5 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x3990(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 530(SM490YA)  
 4-SPL PL 300x9x1930(SM490YA)  
 240-TCB M22xL(S10T)

**JL6 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x3990(SM490YA)

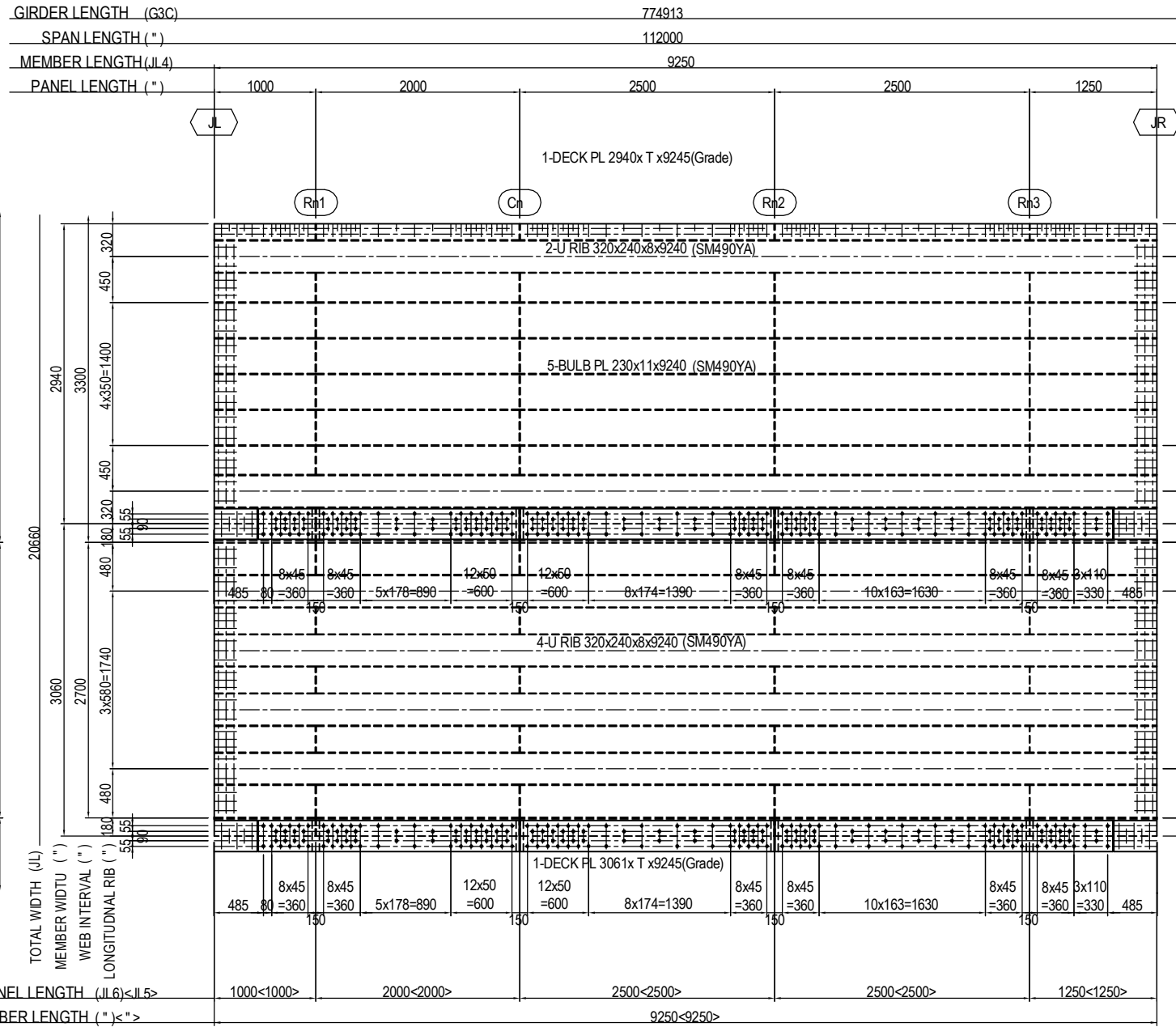
**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 530(SM490YA)  
 4-SPL PL 300x9x1930(SM490YA)  
 240-TCB M22xL(S10T)

## MARKING DIAGRAM



# DETAIL OF DECK PLATE (65) S=1:60

## (3-14,3-26,3-38)



	JL	JR	Cn	Rn1	Rn2	Rn3	T	Grade	L
3-14	J13	J14	C12	R39	R40	R41	22	SM490YB	75
3-26	J25	J26	C23	R75	R76	R77	16	SM490YA	70
3-38	J37	J38	C34	RI 11	RI 12	RI 13	16	SM490YA	70

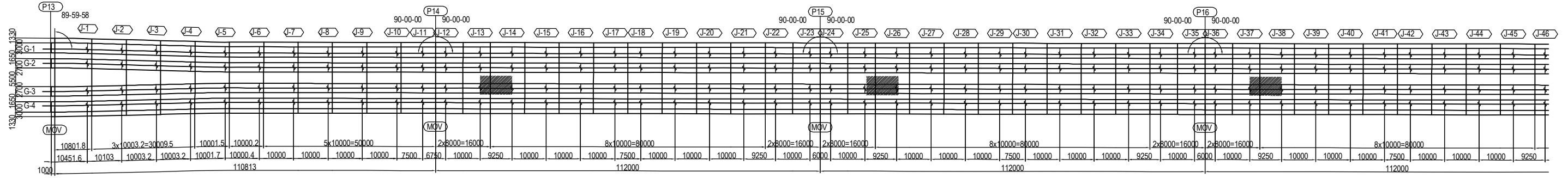
JL5 DECK (TOP SURFACE)  
 1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 208-TCB M22xL(S10T)

JL6 DECK (TOP SURFACE)  
 1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

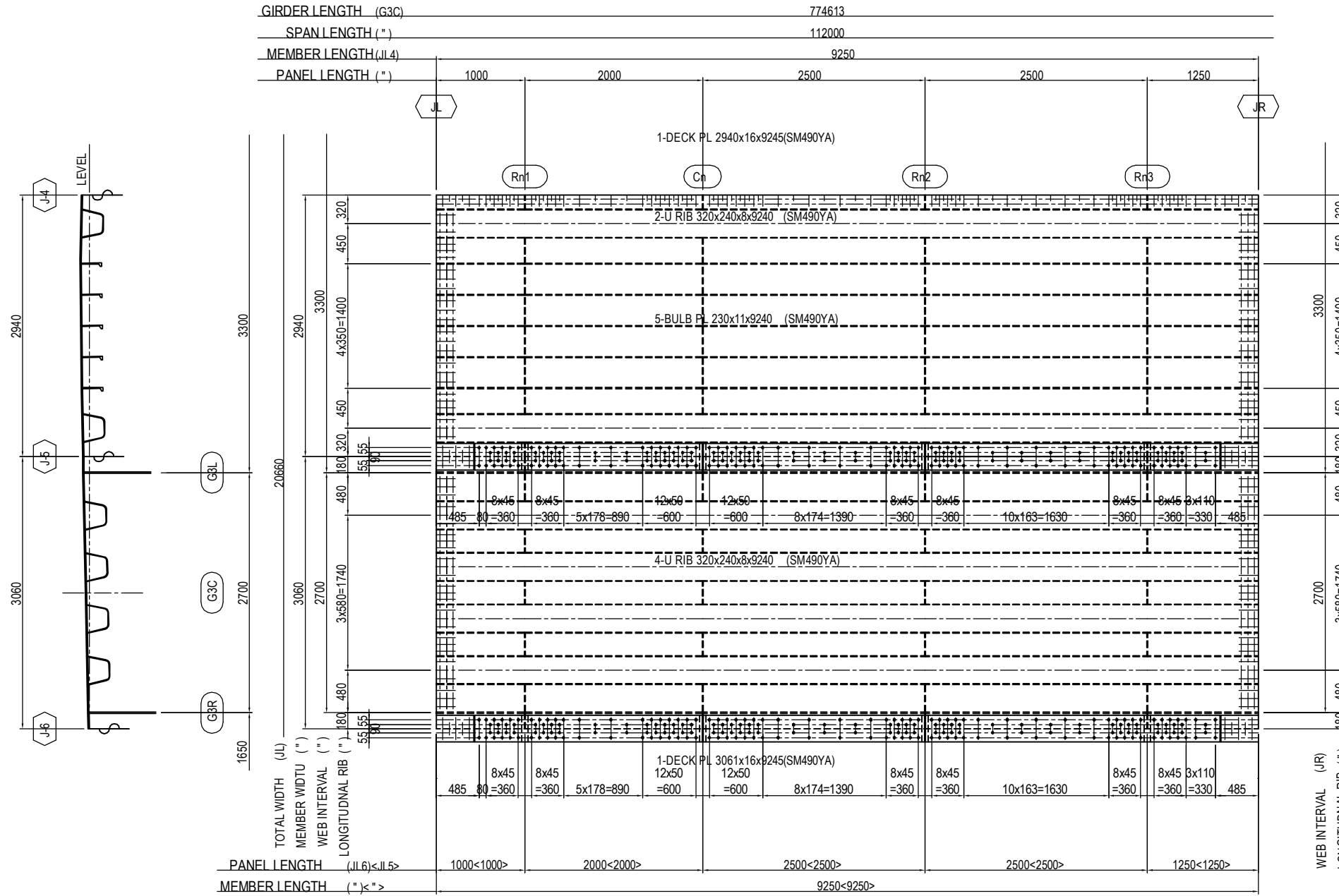
(BOTTOM SURFACE)  
 1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 208-TCB M22xL(S10T)

### MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY jica JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF DECK PLATE (65)	PACKAGE 2 DWG No. P2-SB-1565
				PREPARED BY	S. IMADA	15 Jun.2017		
				CHECKED BY	T. HAYAKAWA	20 Jun.2017		
				APPROVED BY	Y. SANO	21 Jun.2017		

# DETAIL OF DECK PLATE (66) S=1:60 (3-50,3-62)



	JL	JR	Cn	Rn1	Rn2	Rn3
3-50	J49	J50	C45	R147	R148	R149
3-62	J61	J62	C56	R183	R184	R185

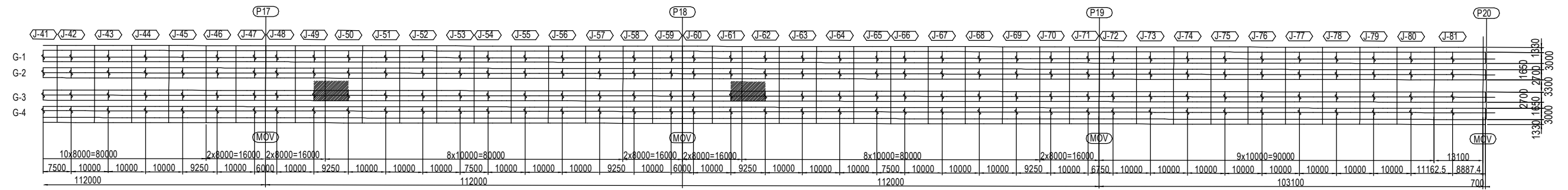
**JL5 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 208-TCB M22x70(S10T)

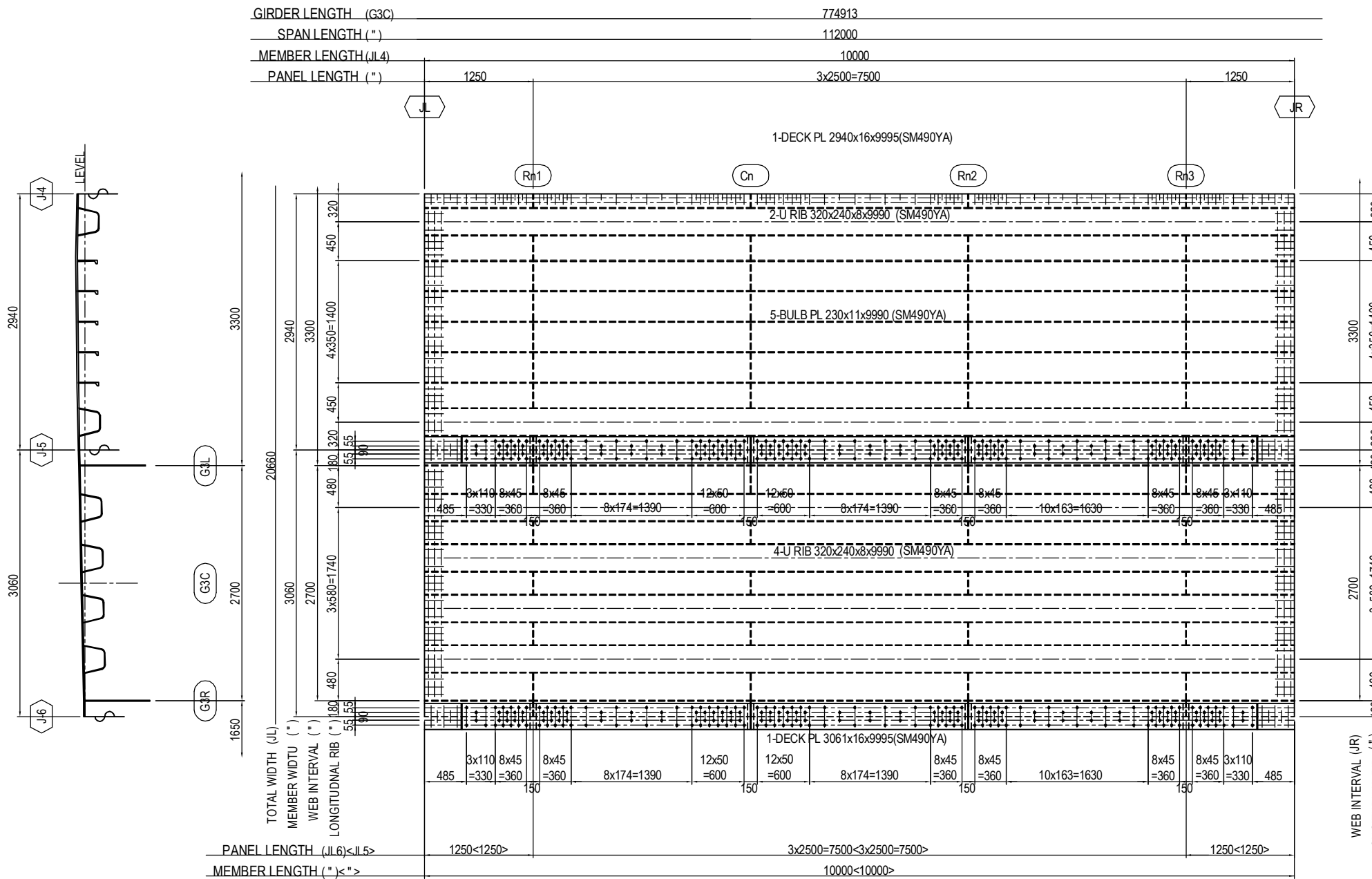
**JL6 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x2560(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x3310(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 530(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x 780(SM490YA)  
 208-TCB M22x70(S10T)

## MARKING DIAGRAM



# DETAIL OF DECK PLATE (67) S=1:60 (3-15,3-16,3-17,3-27,3-28,3-29,3-39,3-40,3-41)



	JL	JR	Cn	Rn1	Rn2	Rn3
3-15	J14	J15	C13	R42	R43	R44
3-16	J15	J16	C14	R45	R46	R47
3-17	J16	J17	C16	R48	R49	R50
3-27	J26	J27	C24	R78	R79	R80
3-28	J27	J28	C25	R81	R82	R83
3-29	J28	J29	C26	R84	R85	R86
3-39	J38	J39	C35	R114	R115	R116
3-40	J39	J40	C36	R117	R118	R119
3-41	J40	J41	C37	R120	R121	R122

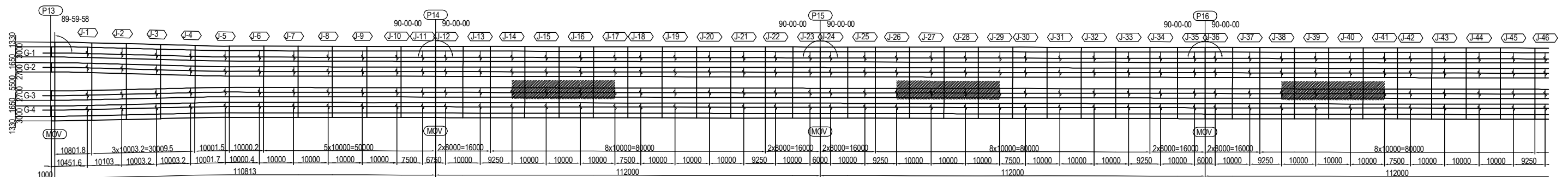
JL5 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

JL6 DECK(TOP SURFACE)  
2-SPL PL 300x9x3310(SM490YA)  
1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 780(SM490YA)  
3-SPL PL 300x9x2430(SM490YA)  
218-TCB M22x70(S10T)

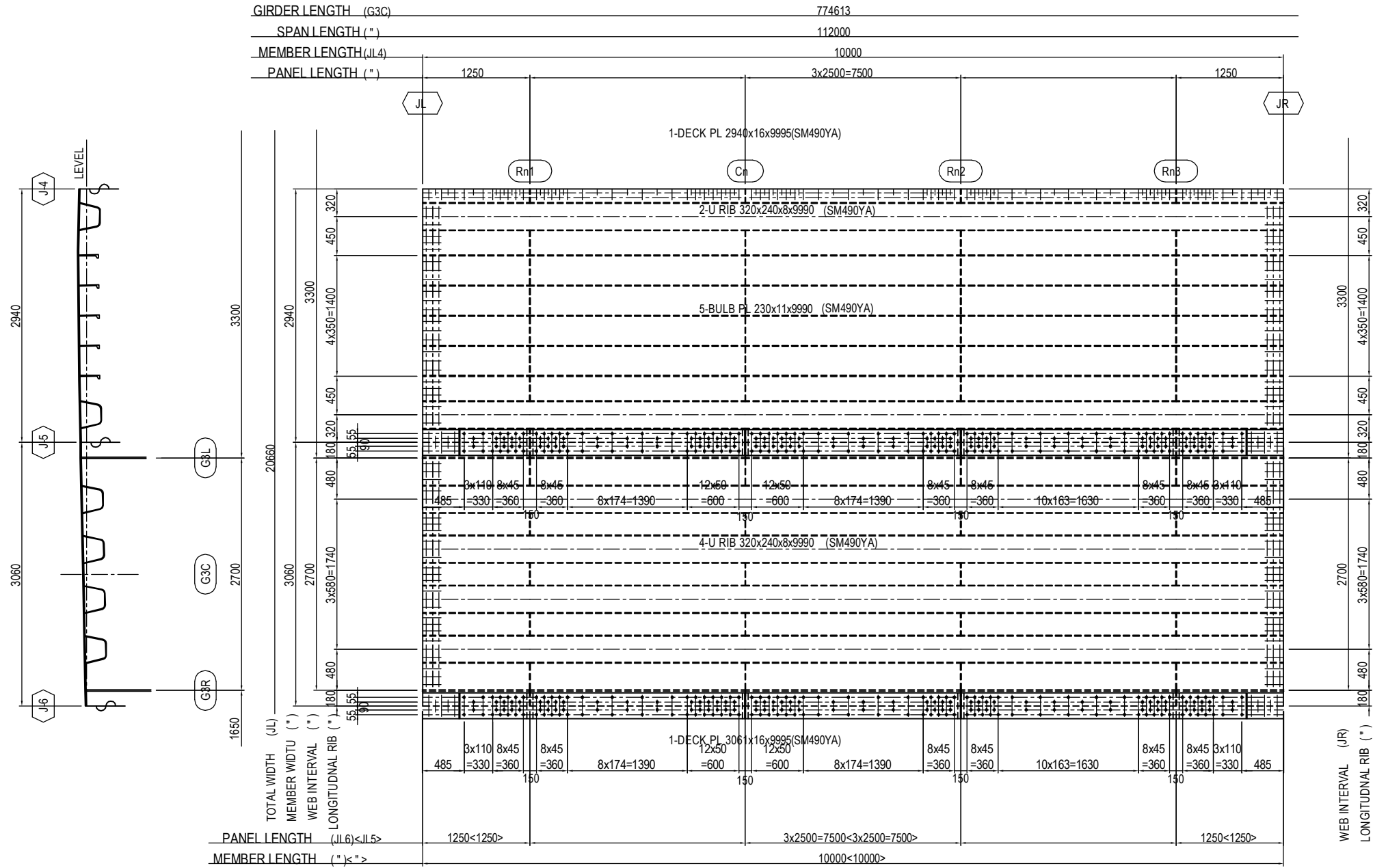
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE <b>DETAIL OF DECK PLATE (67)</b>	PACKAGE	
				PREPARED BY	S. IMADA			15 Jun.2017	2
				CHECKED BY	T. HAYAKAWA			20 Jun.2017	DWG No.
				APPROVED BY	Y. SANO			21 Jun.2017	P2-SB-1567

# DETAIL OF DECK PLATE (68) S=1:60

(3-51,3-52,3-53,3-63,3-64,3-65)



	JL	JR	Cn	Rn1	Rn2	Rn3
3-51	J50	J51	C46	R150	R151	R152
3-52	J51	J52	C47	R153	R154	R155
3-53	J52	J53	C48	R156	R157	R158
3-63	J62	J63	C57	R186	R187	R188
3-6	J63	J64	C58	R189	R190	R191
3-65	J64	J65	C59	R192	R193	R194

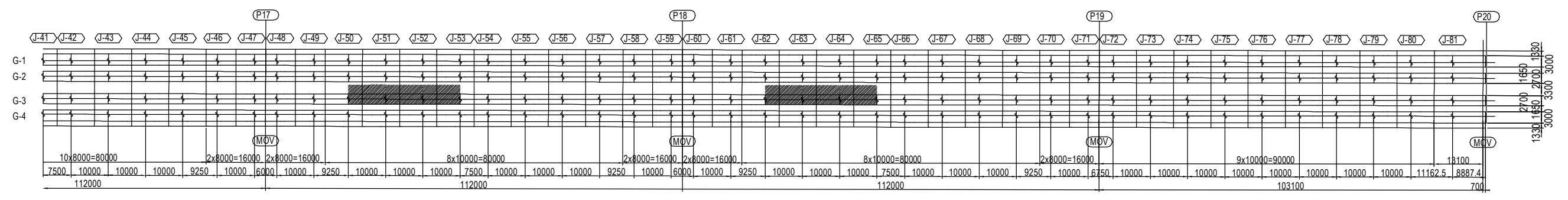
**JL5 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22x70(S10T)

**JL6 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

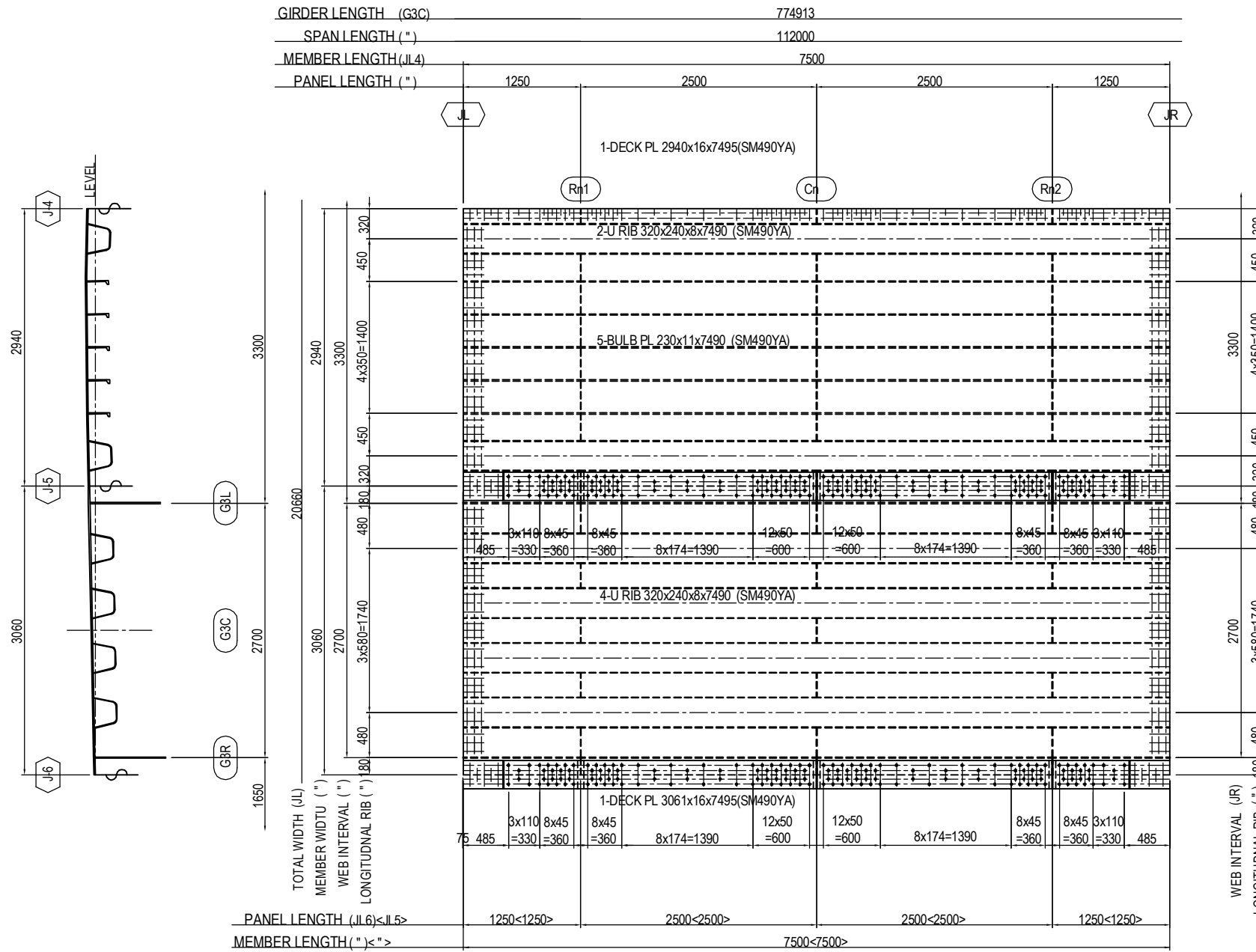
**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22x70(S10T)

## MARKING DIAGRAM



# DETAIL OF DECK PLATE (69) S=1:60

## (3-18,3-30,3-42)



	JL	JR	Cn	Rn1	Rn2
3-18	J17	J18	C16	R51	R52
3-30	J29	J30	C27	R87	R88
3-42	J41	J42	C38	R123	R124

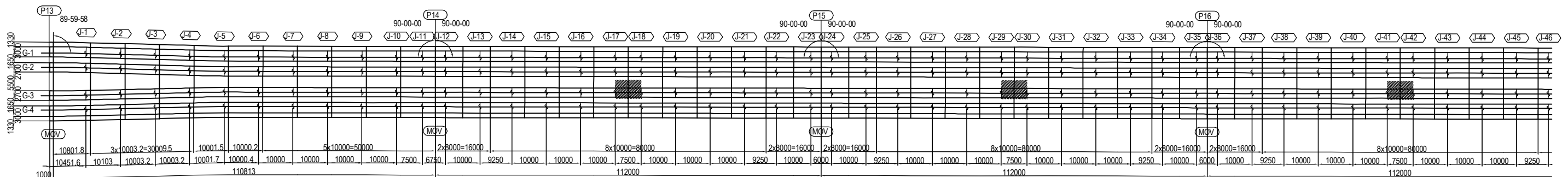
**JL5 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 164-TCB M22x70(S10T)

**JL6 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 164-TCB M22x70(S10T)

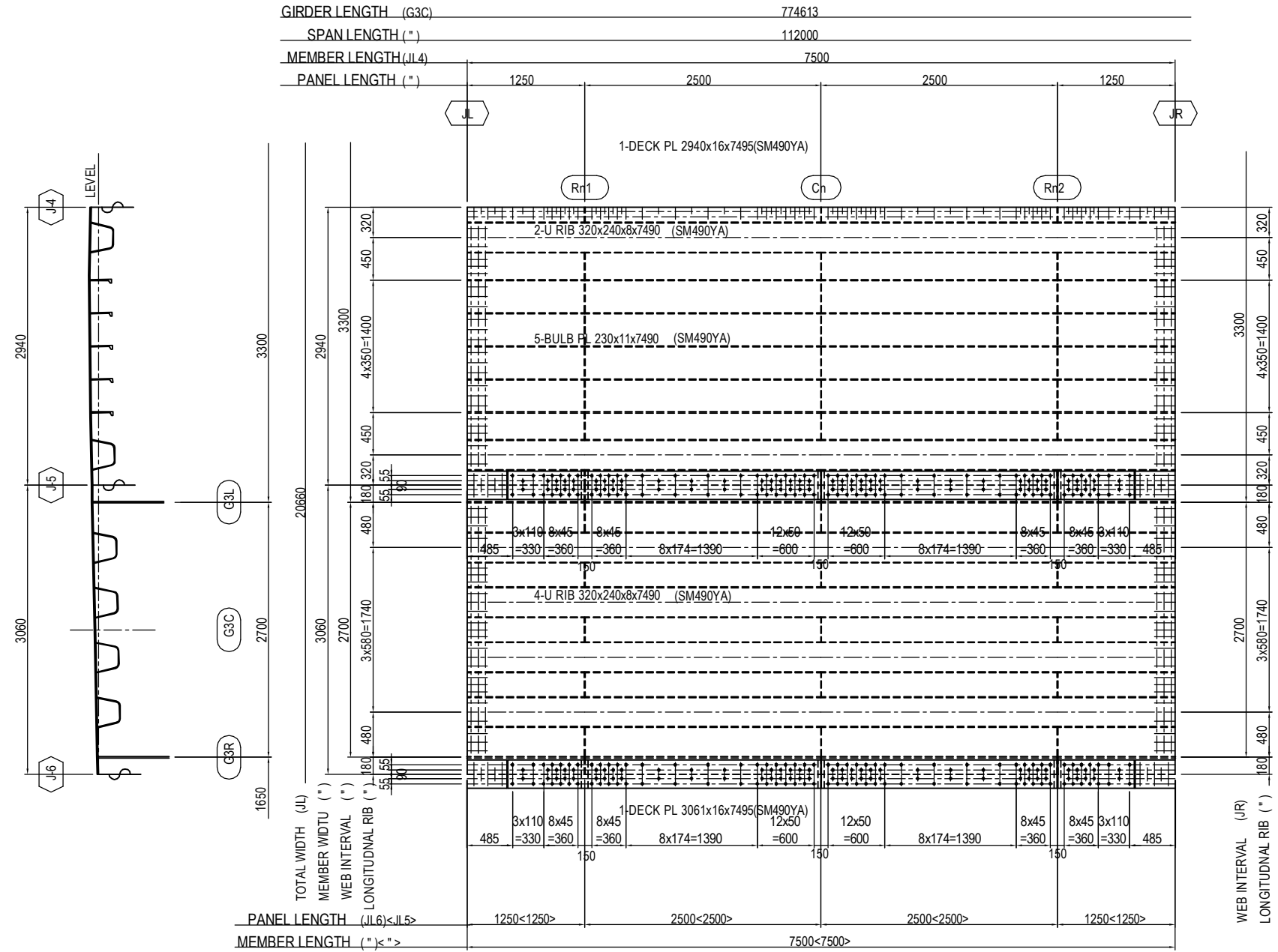
### MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h2 style="text-align: center;">DETAIL OF DECK PLATE (69)</h2>	PACKAGE 2 DWG No. P2-SB-1569
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			



# DETAIL OF DECK PLATE (70) S=1:60 (3-54,3-66)



	JL	JR	Cn	Rn1	Rn2
3-54	J53	J54	C49	R159	R160
3-66	J65	J66	C60	R195	R196

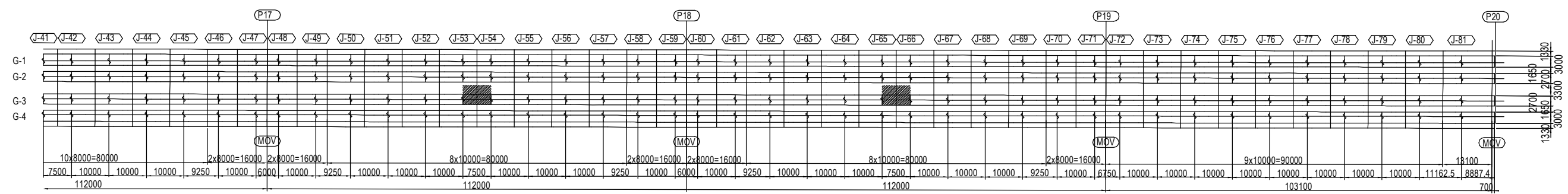
**JL5 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 164-TCB M22x70(S10T)

**JL6 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x 810(SM490YA)

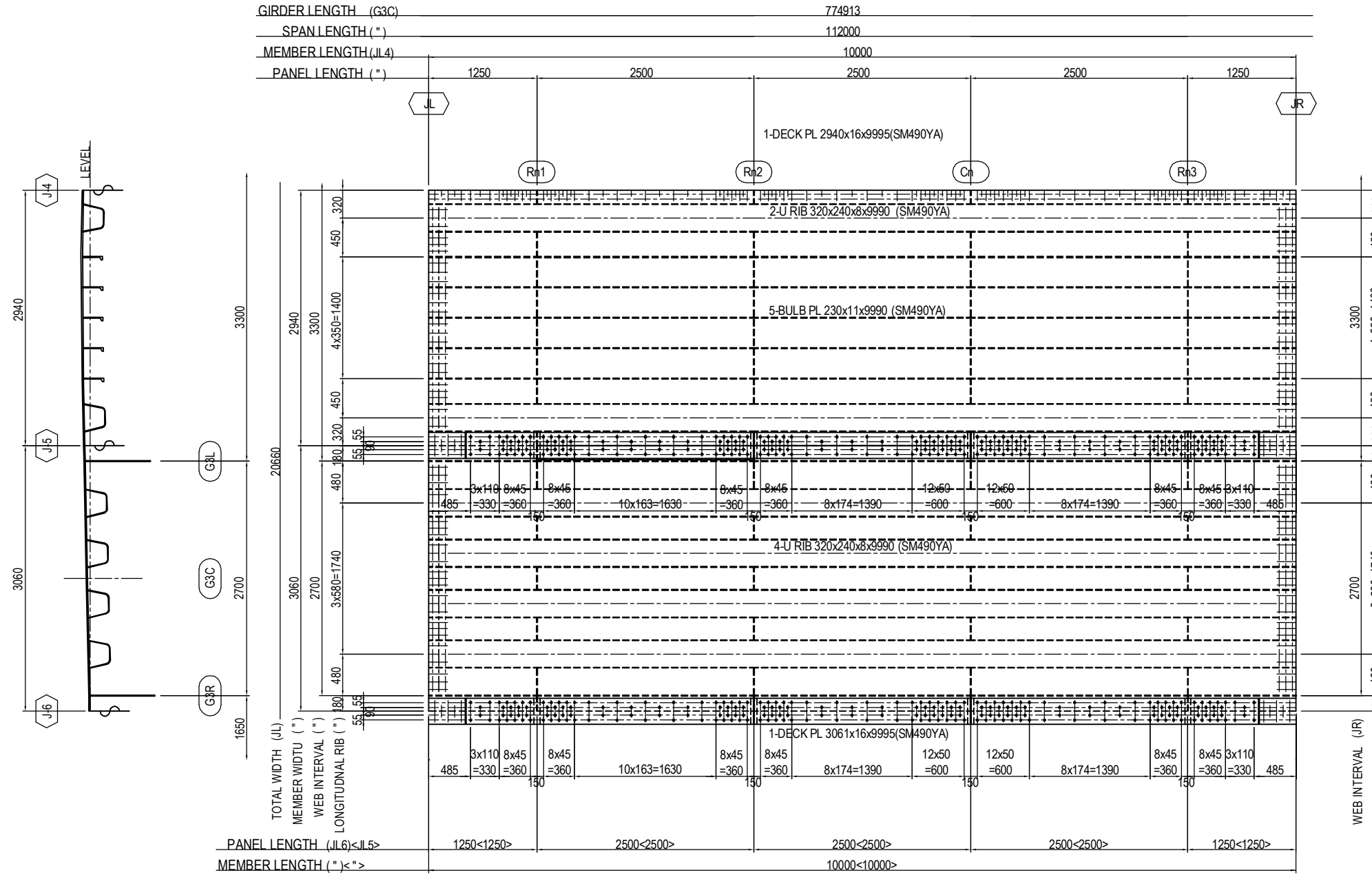
**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 164-TCB M22x70(S10T)

## MARKING DIAGRAM



# DETAIL OF DECK PLATE (71) S=1:60

(3-19,3-20,3-21,3-31,3-32,3-33,3-43,3-44,3-45)



	JL	JR	Cn	Rn1	Rn2	Rn3
3-19	J18	J19	C17	R53	R54	R55
3-20	J19	J20	C18	R56	R57	R58
3-21	J20	J21	C19	R59	R60	R61
3-31	J30	J31	C28	R89	R90	R91
3-32	J31	J32	C29	R92	R93	R94
3-33	J32	J33	C30	R95	R96	R97
3-43	J42	J43	C39	R125	R126	R127
3-44	J43	J44	C40	R128	R129	R130
3-45	J44	J45	C41	R131	R132	R133

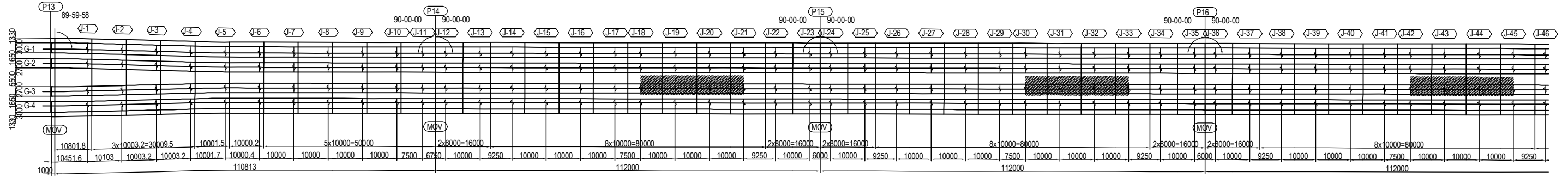
JL5 DECK(TOP SURFACE)  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

(BOTTOM SURFACE)  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22x70(S10T)

JL6 DECK(TOP SURFACE)  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

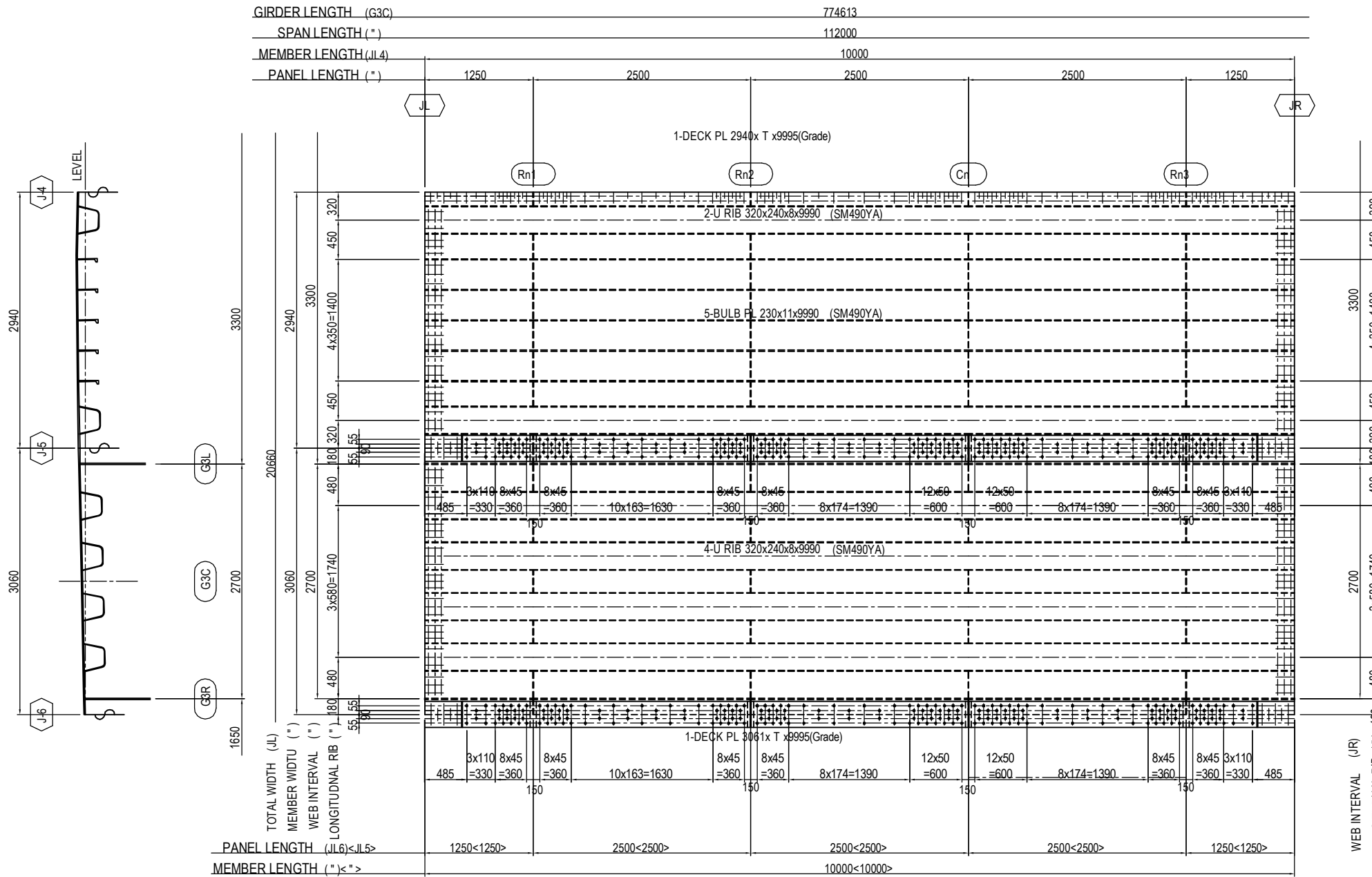
(BOTTOM SURFACE)  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22x70(S10T)

## MARKING DIAGRAM



# DETAIL OF DECK PLATE (72) S=1:60

(3-55,3-56,3-57,3-67,3-68,3-69,3-73,3-74,3-75,3-76,3-77,3-78,3-79,3-80)



	JL	JR	Cn	Rn1	Rn2	Rn3	T	Grade	L
3-55	J54	J55	C50	R161	R162	R163	16	SM490YA	70
3-56	J55	J56	C51	R164	R165	R166	16	SM490YA	70
3-57	J56	J57	C52	R167	R168	R169	16	SM490YA	70
3-67	J66	J67	C61	R197	R198	R199	16	SM490YA	70
3-68	J67	J68	C62	R200	R201	R202	16	SM490YA	70
3-69	J68	J69	C63	R203	R204	R205	16	SM490YA	70
3-73	J72	J73	C66	R215	R216	R217	25	SM490YB	80
3-74	J73	J74	C67	R218	R219	R220	16	SM490YA	70
3-75	J74	J75	C68	R221	R222	R223	16	SM490YA	70
3-76	J75	J76	C69	R224	R225	R226	16	SM490YA	70
3-77	J76	J77	C70	R227	R228	R229	16	SM490YA	70
3-78	J77	J78	C71	R230	R231	R232	16	SM490YA	70
3-79	J78	J79	C72	R233	R234	R235	16	SM490YA	70
3-80	J79	J80	C73	R236	R237	R238	16	SM490YA	70

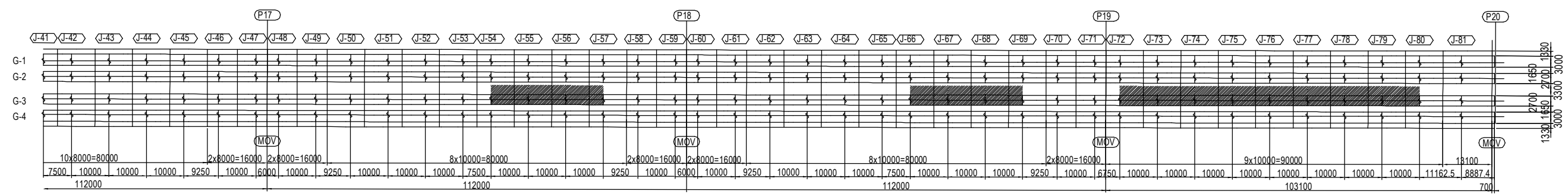
**JL5 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22xL(S10T)

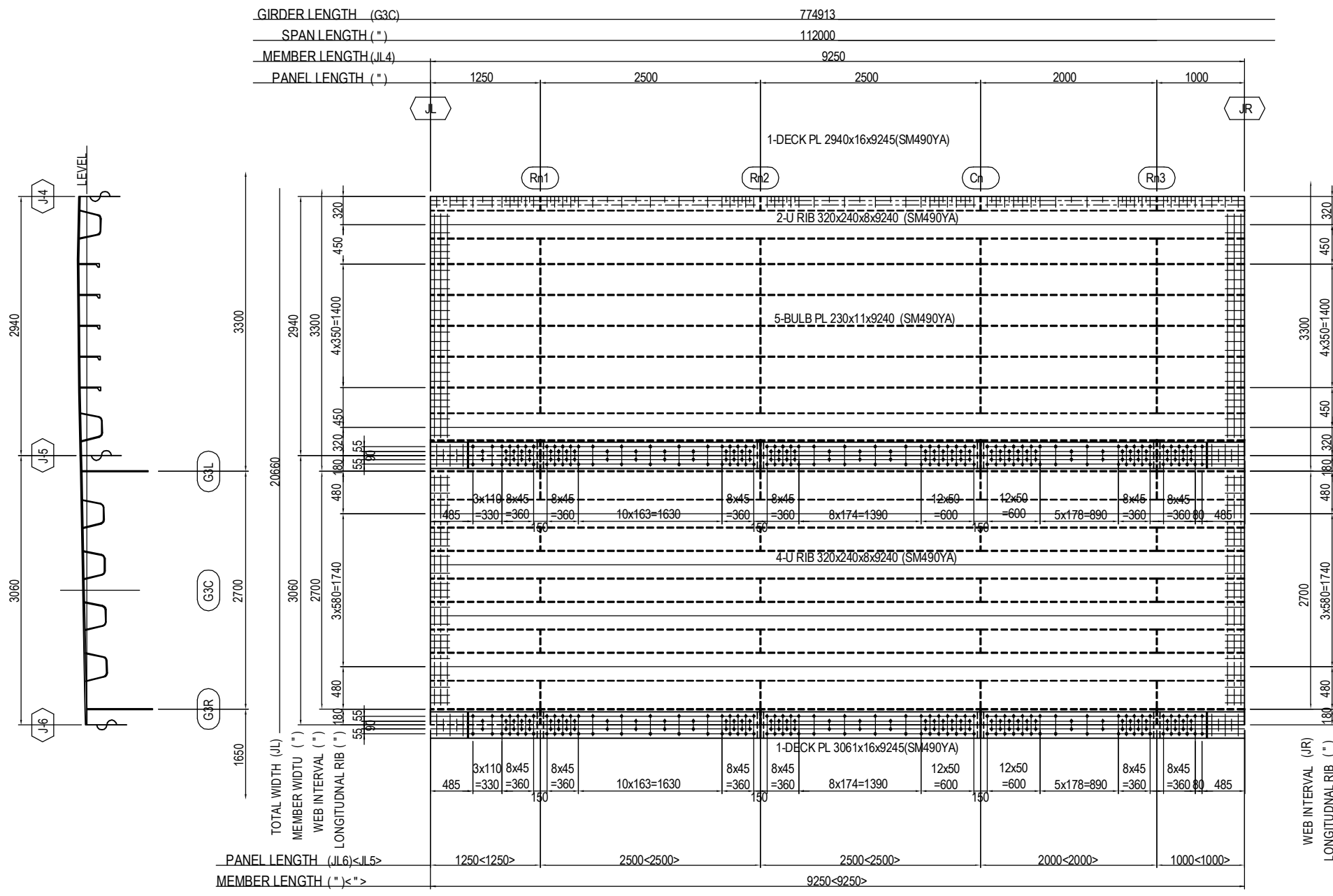
**JL6 DECK(TOP SURFACE)**  
 2-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)

**(BOTTOM SURFACE)**  
 2-SPL PL 300x9x 780(SM490YA)  
 3-SPL PL 300x9x2430(SM490YA)  
 218-TCB M22xL(S10T)

## MARKING DIAGRAM



# DETAIL OF DECK PLATE (73) S=1:60 (3-22,3-34,3-46)



	JL	JR	Cn	Rn1	Rn2	Rn3
3-22	J21	J22	C20	R62	R63	R64
3-34	J33	J34	C31	R98	R99	R100
3-46	J45	J46	C42	R134	R135	R136

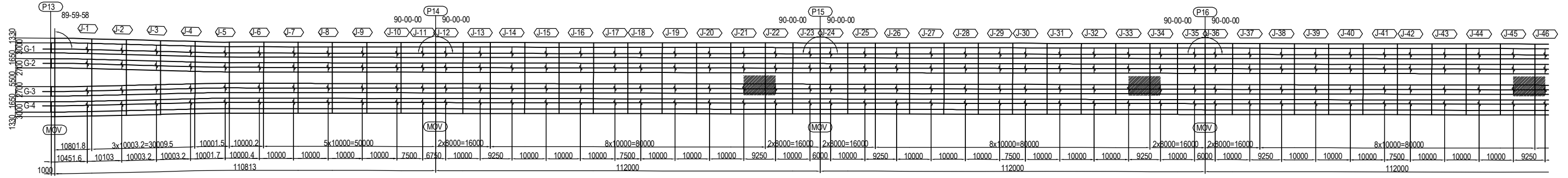
JL5 DECK(TOP SURFACE)  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 208-TCB M22x70(S10T)

JL6 DECK(TOP SURFACE)  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 208-TCB M22x70(S10T)

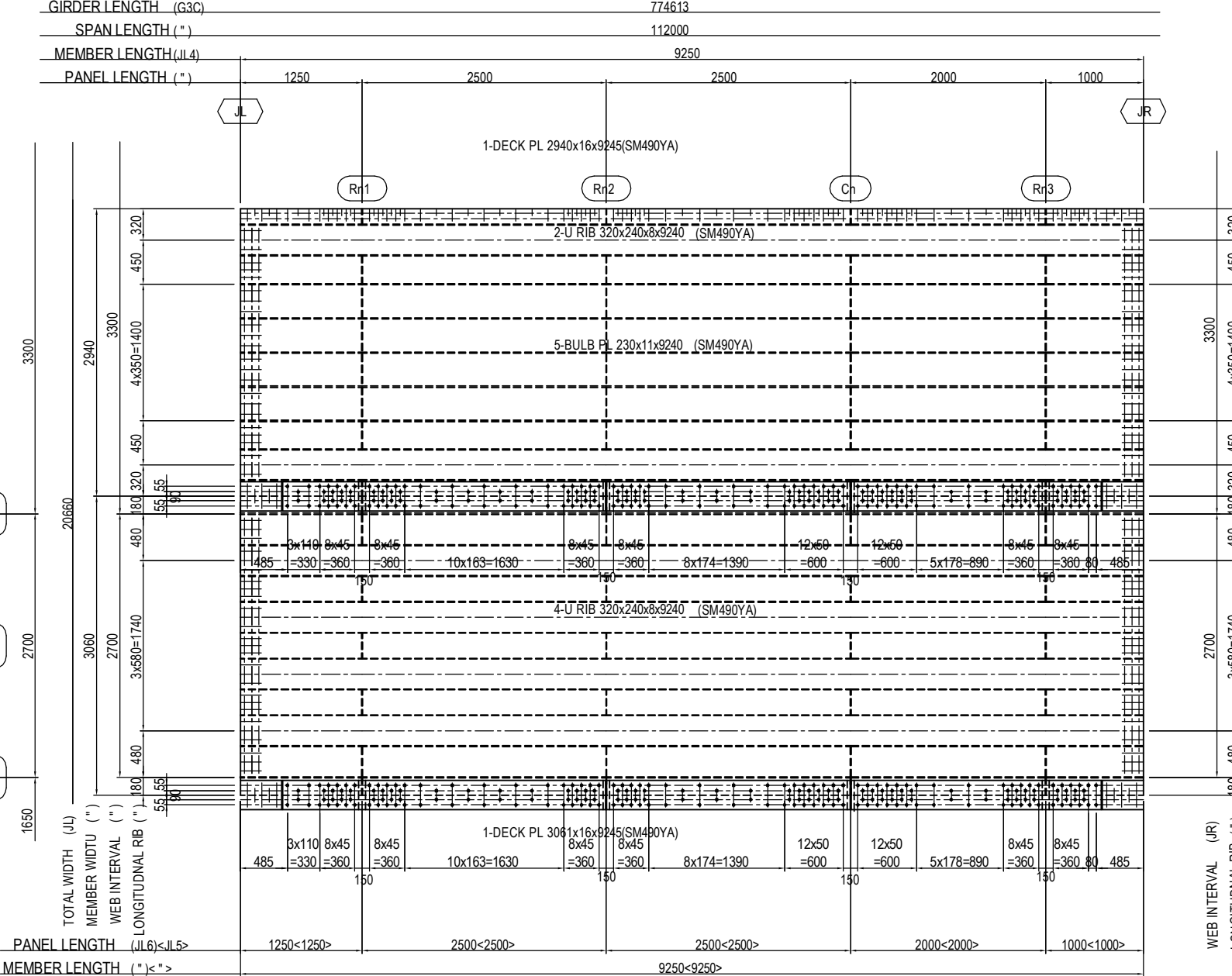
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (73)</h3>	PACKAGE 2 DWG No. P2-SB-1573
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (74) S=1:60

## (3-58,3-70)



	JL	JR	Cn	Rn1	Rn2	Rn3
2-58	J57	J58	C53	R170	R171	R172
2-70	J69	J70	C64	R206	R207	R208

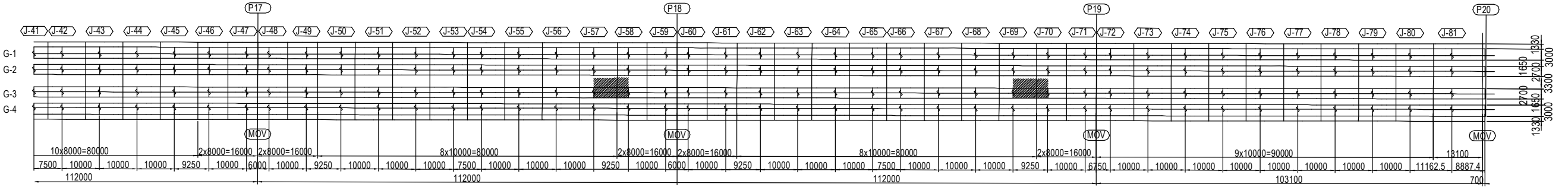
**JL5 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 208-TCB M22x70(S10T)

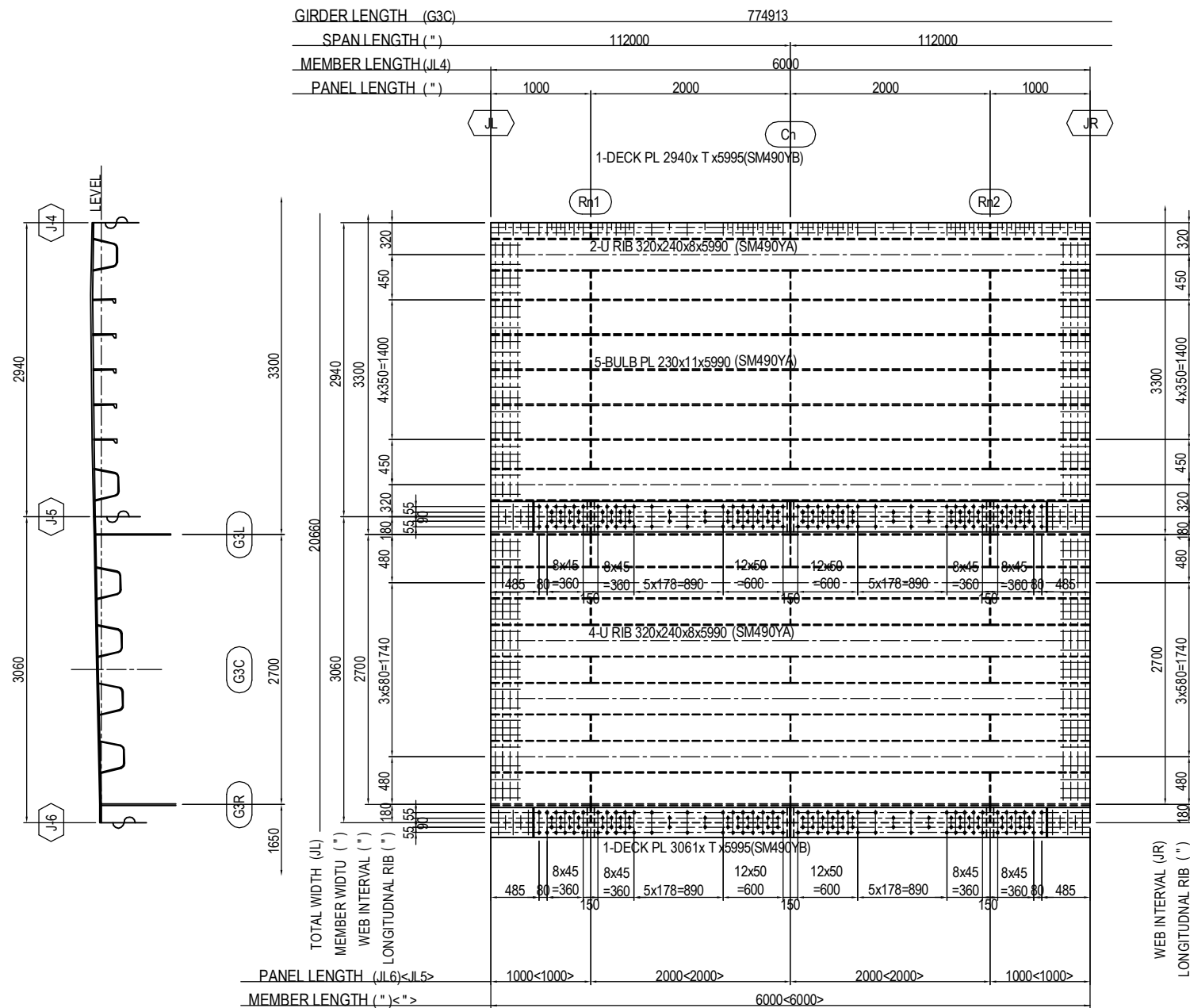
**JL6 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x1930(SM490YA)  
 1-SPL PL 300x9x 530(SM490YA)  
 208-TCB M22x70(S10T)

### MARKING DIAGRAM



# DETAIL OF DECK PLATE (75) S=1:60 (3-24,3-36)



	JL	JR	Cn	Rn1	Rn2	T
3-24	J23	J24	S3	R69	R70	19
3-36	J35	J36	S4	R105	R106	22

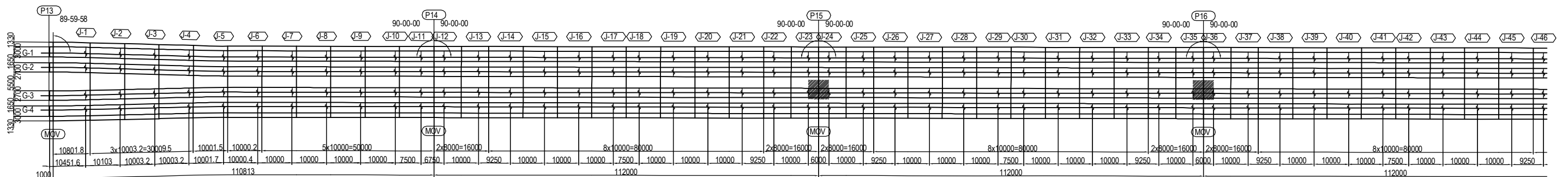
JL5 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

JL6 DECK(TOP SURFACE)  
2-SPL PL 300x9x2560(SM490YA)

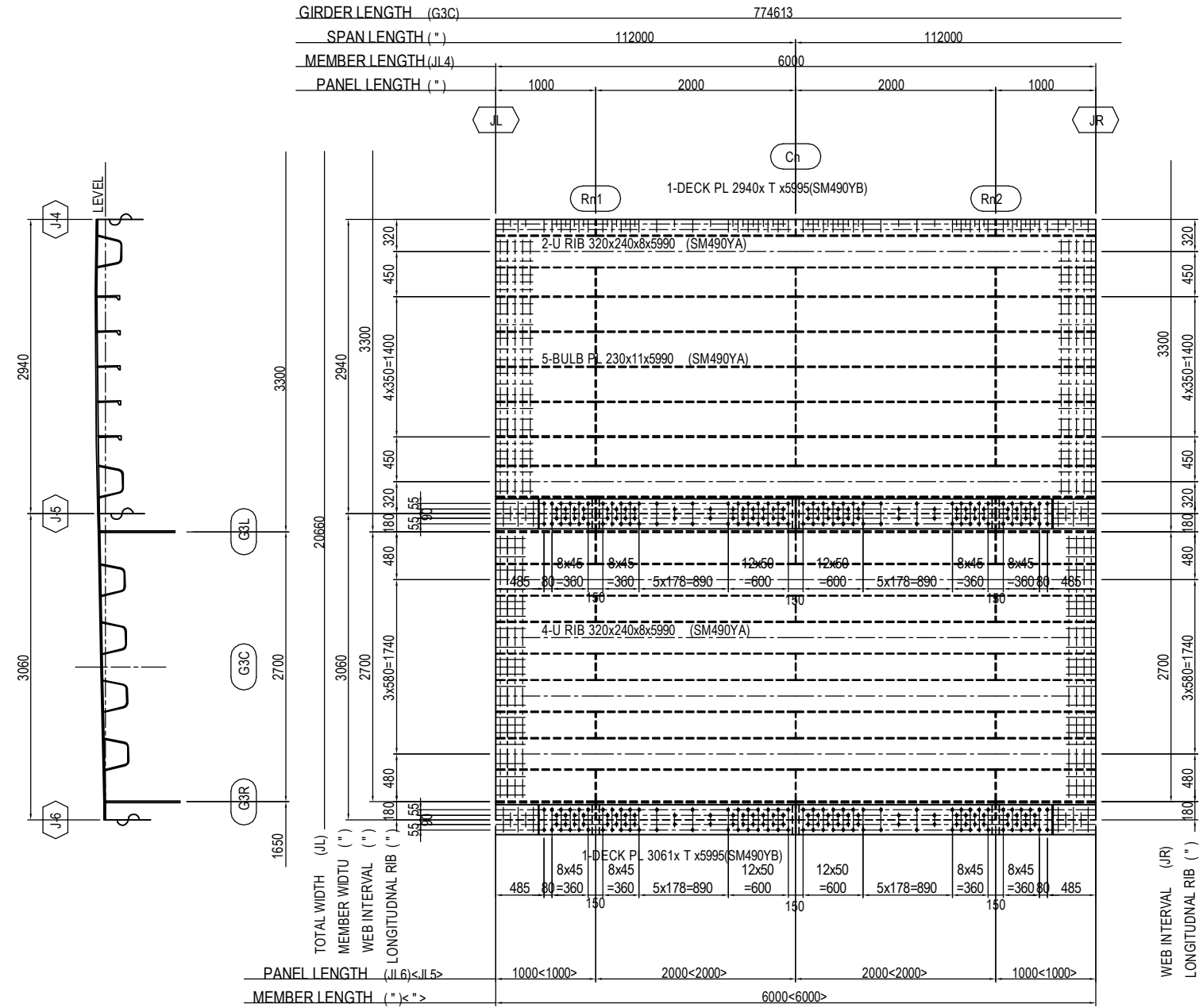
(BOTTOM SURFACE)  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	DRAWING TITLE <h3 style="text-align: center;">DETAIL OF DECK PLATE (75)</h3>	PACKAGE 2 DWG No. P2-SB-1575
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		15 Jun.2017																			
CHECKED BY	T. HAYAKAWA		20 Jun.2017																			
APPROVED BY	Y. SANO		21 Jun.2017																			

# DETAIL OF DECK PLATE (76) S=1:60 (3-48,3-60)



	JL	JR	Cn	Rn1	Rn2	T
3-48	J47	J48	S5	RI41	RI42	21
3-60	J59	J60	S6	RI77	RI78	20

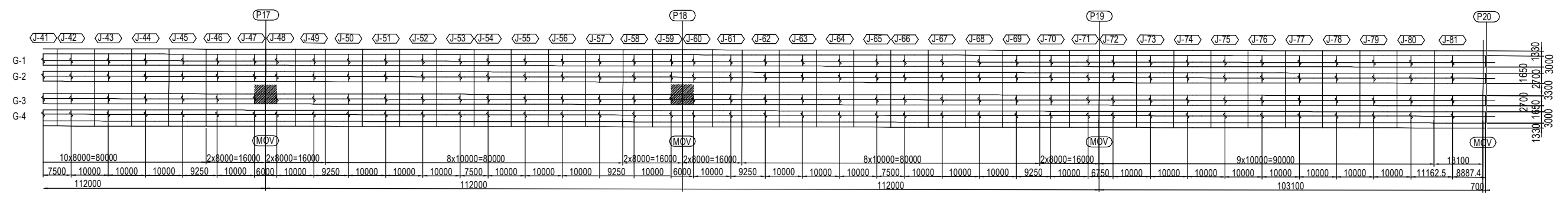
**JL5 DECK(TOP SURFACE)**  
2-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

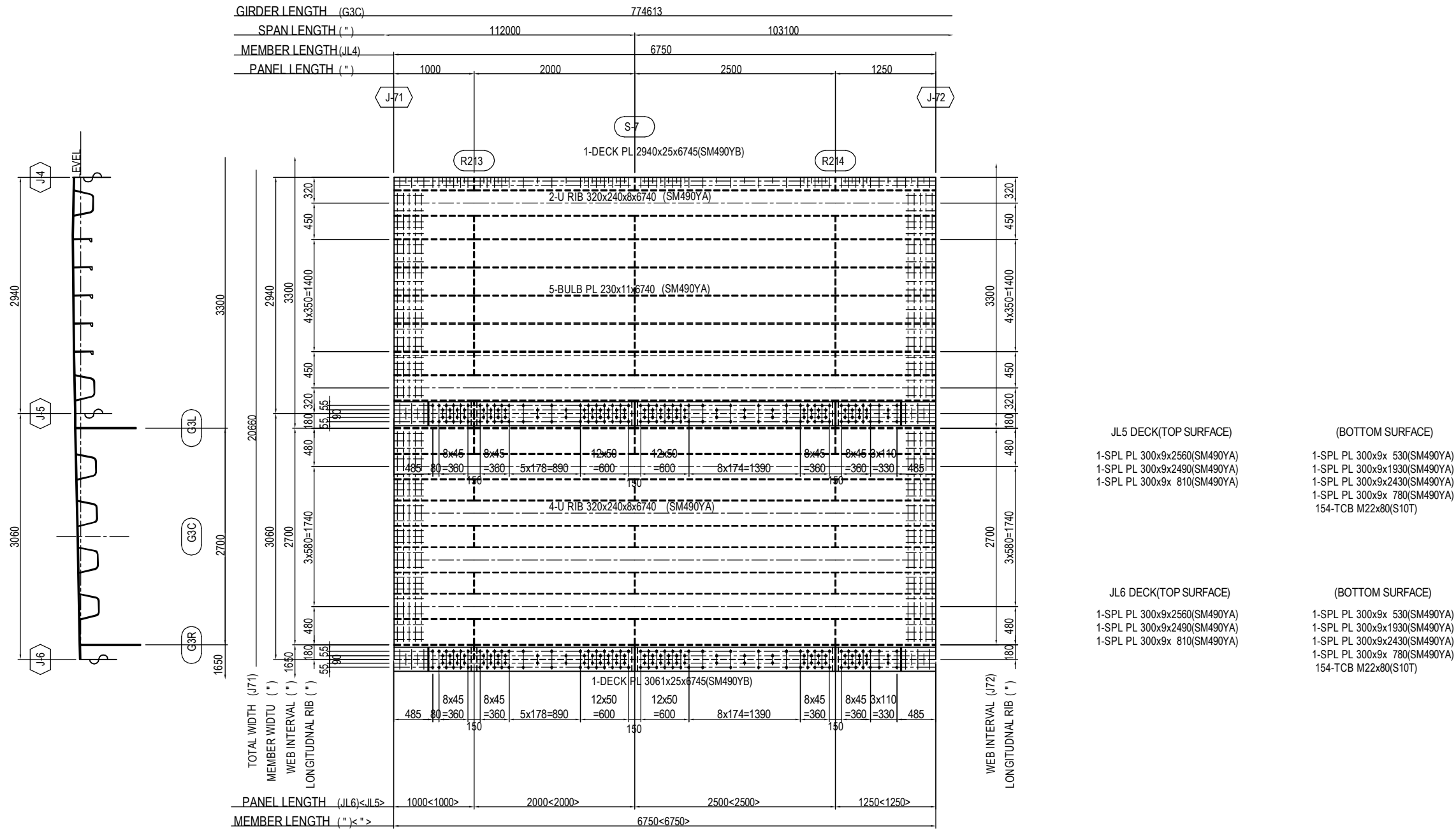
**JL6 DECK(TOP SURFACE)**  
2-SPL PL 300x9x2560(SM490YA)

**(BOTTOM SURFACE)**  
2-SPL PL 300x9x 530(SM490YA)  
2-SPL PL 300x9x1930(SM490YA)  
144-TCB M22x75(S10T)

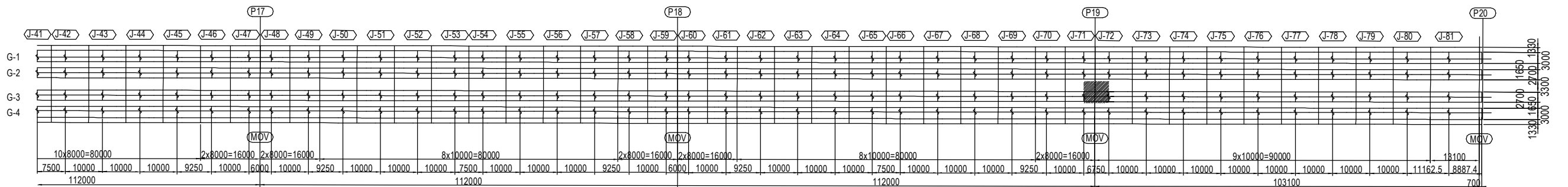
## MARKING DIAGRAM



# DETAIL OF DECK PLATE (77) S=1:60 (3-72)



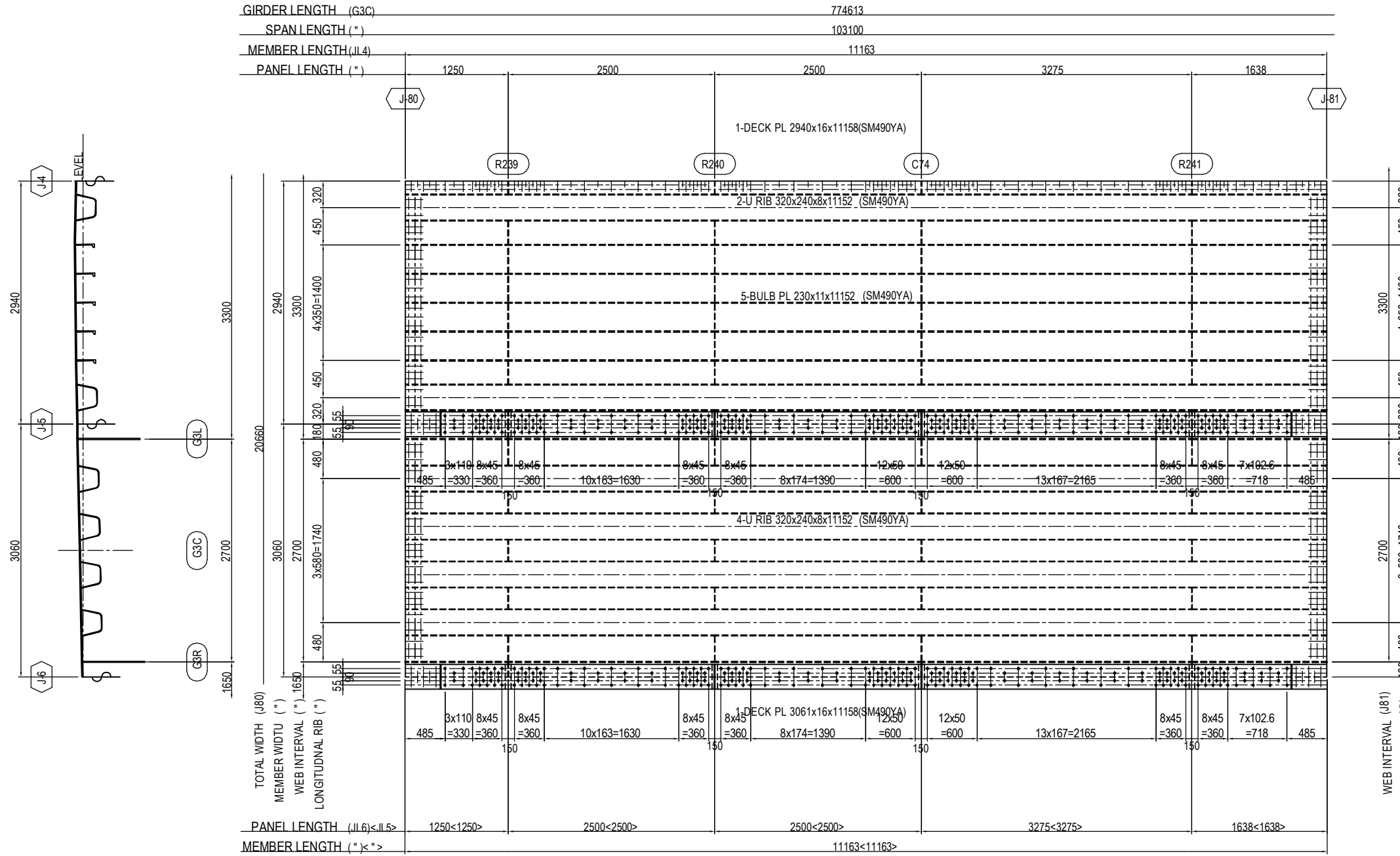
## MARKING DIAGRAM



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA	SIGNATURE 	DATE 15 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (77)</b>	PACKAGE 2 DWG No. P2-SB-1577
				PREPARED BY T. HAYAKAWA		20 Jun.2017		
				APPROVED BY Y. SANO		21 Jun.2017		

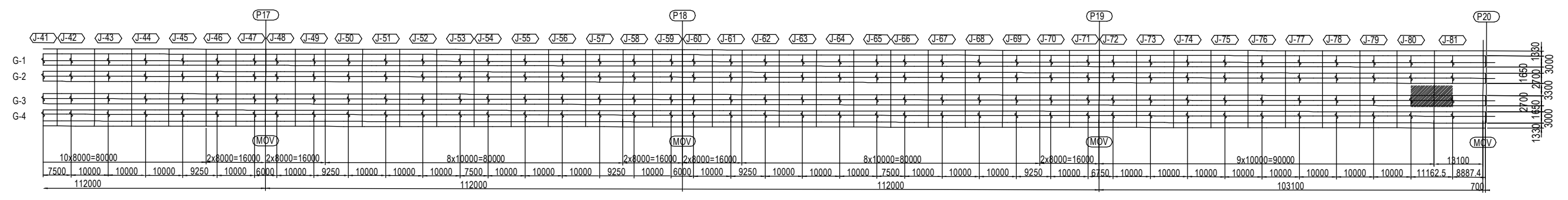


# DETAIL OF DECK PLATE (78) S=1:60 (3-81)



- JL5 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x4473(SM490YA)
- (BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x3205(SM490YA)  
 1-SPL PL 300x9x1168(SM490YA)  
 236-TCB M22x70(S10T)
- JL6 DECK(TOP SURFACE)**  
 1-SPL PL 300x9x3310(SM490YA)  
 1-SPL PL 300x9x2490(SM490YA)  
 1-SPL PL 300x9x4473(SM490YA)
- (BOTTOM SURFACE)**  
 1-SPL PL 300x9x 780(SM490YA)  
 2-SPL PL 300x9x2430(SM490YA)  
 1-SPL PL 300x9x3205(SM490YA)  
 1-SPL PL 300x9x1168(SM490YA)  
 236-TCB M22x70(S10T)

## MARKING DIAGRAM



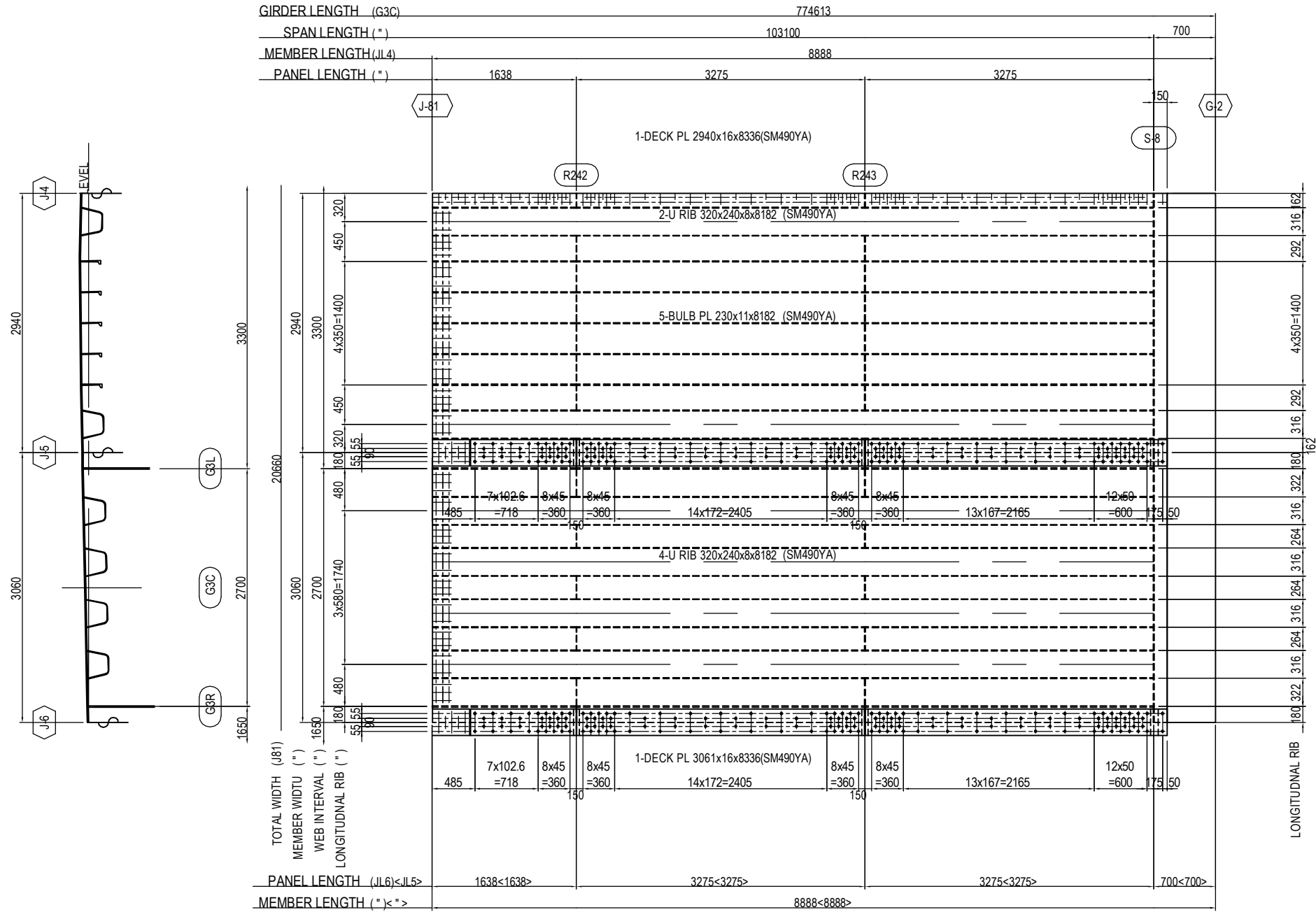
# DETAIL OF DECK PLATE (79) S=1:60 (3-82)

JL5 DECK(TOP SURFACE)  
 1-SPL PL 300x9x1198(SM490YA)  
 1-SPL PL 300x9x3265(SM490YA)  
 1-SPL PL 300x9x3420(SM490YA)

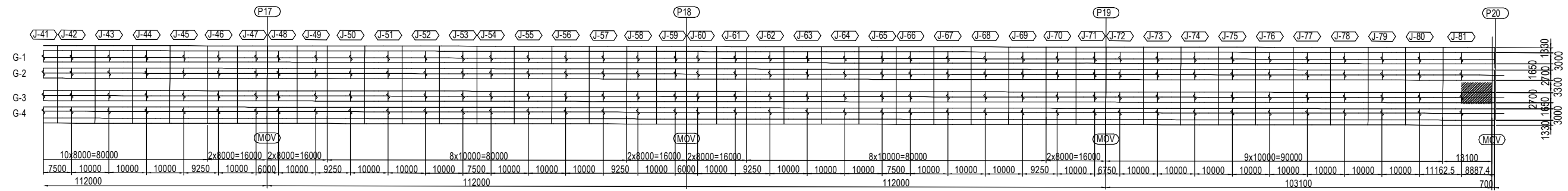
(BOTTOM SURFACE)  
 1-SPL PL 300x9x1168(SM490YA)  
 2-SPL PL 300x9x3205(SM490YA)  
 1-SPL PL 300x9x 100(SM490YA)  
 164-TCB M22x70(S10T)

JL6 DECK(TOP SURFACE)  
 1-SPL PL 300x9x1198(SM490YA)  
 1-SPL PL 300x9x3265(SM490YA)  
 1-SPL PL 300x9x3420(SM490YA)

(BOTTOM SURFACE)  
 1-SPL PL 300x9x1168(SM490YA)  
 2-SPL PL 300x9x3205(SM490YA)  
 1-SPL PL 300x9x 100(SM490YA)  
 164-TCB M22x70(S10T)

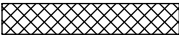
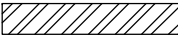
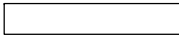
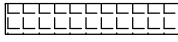
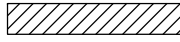
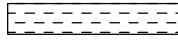
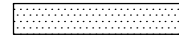
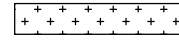


## MARKING DIAGRAM



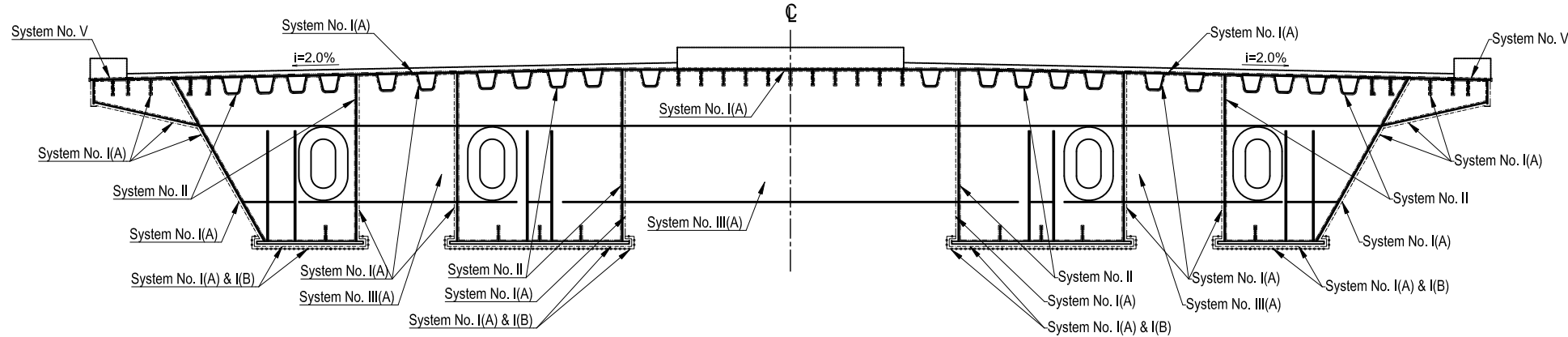
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO. LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME S. IMADA T. HAYAKAWA Y. SANO	SIGNATURE   	DATE 15 Jun.2017 20 Jun.2017 21 Jun.2017	DRAWING TITLE <b>DETAIL OF DECK PLATE (79)</b>	PACKAGE 2 DWG No. P2-SB-1579
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# PAINTING SYSTEM DETAIL (1) S= 1:15

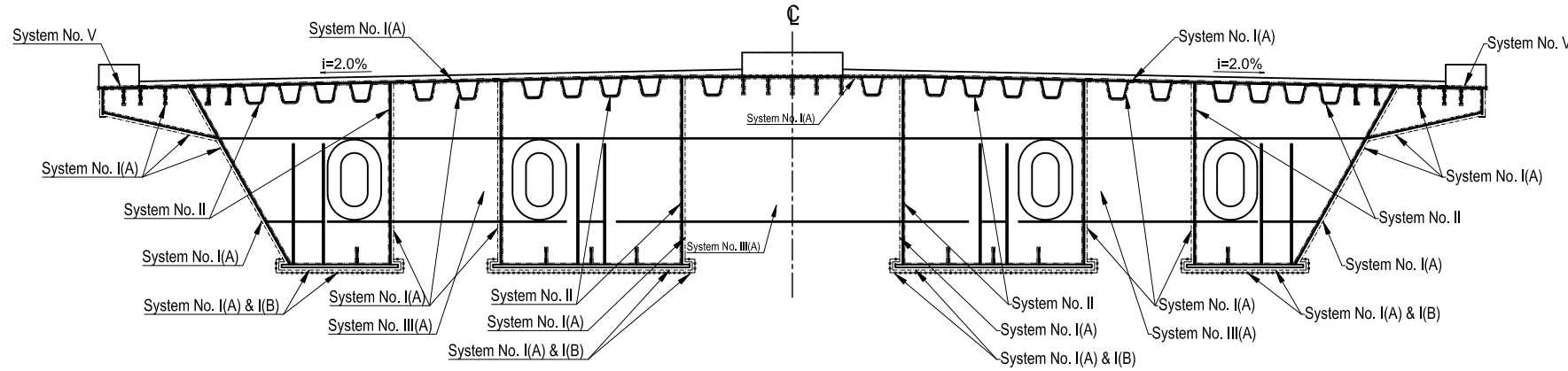
Description	General Surface			Joint Connection (Steel Mills and Fabrication Shop: splice plate, filler plate and contact surface of girder) (Construction Site: Splice Plate and Bolts)			Surface in Contact with Concrete and Pavement	
	I. External		II. Internal	III. External		IV. Internal	V. General Surface	VI. Joint Connection
	(A) Normal	(B) Particular		(A) Normal	(B) Particular			
<b>Steel Mills</b>								
1. Preliminary Surface Treatment	Blast Cleaned (ISO Sa2.5)	Blast Cleaned (ISO Sa2.5)	Blast Cleaned (ISO Sa2.5)	Blast Cleaned (ISO Sa2.5)	Blast Cleaned (ISO Sa2.5)	Blast Cleaned (ISO Sa2.5)	SSPC-SP10 Near - white Blast Cleaning	SSPC-SP10 Near - white Blast Cleaning
2. Primer	Inorganic Zinc-Rich Shop Primer DFT : 15µm (160g/m <sup>2</sup> )	Inorganic Zinc-Rich Shop Primer DFT : 15µm (160g/m <sup>2</sup> )	Inorganic Zinc-Rich Shop Primer DFT : 15µm (160g/m <sup>2</sup> )	Inorganic Zinc-Rich Shop Primer DFT : 15µm (160g/m <sup>2</sup> )	Inorganic Zinc-Rich Shop Primer DFT : 15µm (160g/m <sup>2</sup> )	Inorganic Zinc-Rich Shop Primer DFT : 15µm (160g/m <sup>2</sup> )	Inorganic Zinc-Rich Shop Primer DFT : 15µm (200g/m <sup>2</sup> )	Inorganic Zinc-Rich Shop Primer DFT : 15µm (200g/m <sup>2</sup> )
<b>Fabrication Shop</b>								
3. Surface Treatment	Blast Cleaned (ISO Sa2.5)	Blast Cleaned (ISO Sa2.5)	Power Tool Cleaned (ISO Sa3)	Blast Cleaned (ISO Sa2.5)	Blast Cleaned (ISO Sa2.5)	Blast Cleaned (ISO Sa2.5)	SSPC-SP10 Near - white Blast Cleaning	SSPC-SP10 Near - white Blast Cleaning
4. 1st Under-Coat	Inorganic Zinc-Rich Paint DFT : 75µm (600g/m <sup>2</sup> )	Inorganic Zinc-Rich Paint DFT : 75µm (600g/m <sup>2</sup> )	Formulated Epoxy Resin DFT : 120µm (410g/m <sup>2</sup> )	Inorganic Zinc-Rich Paint DFT : 75µm (600g/m <sup>2</sup> )	Inorganic Zinc-Rich Paint DFT : 75µm (600g/m <sup>2</sup> )	Inorganic Zinc-Rich Paint DFT : 75µm (600g/m <sup>2</sup> )	High Build Type Inorganic Zinc Rich Paint (Self-Curing Solvent Type) DFT : 30µm (280g/m <sup>2</sup> )	High Build Type Inorganic Zinc Rich Paint (Self-Curing Solvent Type) DFT : 75µm (700g/m <sup>2</sup> )
5. 2nd Under-Coat	Epoxy Resin DFT : (160g/m <sup>2</sup> )	Epoxy Resin DFT : (160g/m <sup>2</sup> )	Formulated Epoxy Resin DFT : 120µm (410g/m <sup>2</sup> )	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
6. 3rd Under-Coat	Epoxy Resin DFT : 120µm (540g/m <sup>2</sup> )	Epoxy Resin DFT : 240µm (1080g/m <sup>2</sup> )	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
7. 4th Under-Coat	Fluorescent Resin DFT : 30µm (170g/m <sup>2</sup> )	Fluorescent Resin DFT : 30µm (170g/m <sup>2</sup> )	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
8. 5th Intermediate Coat	Fluorescent Resin DFT : 25µm (140g/m <sup>2</sup> )	Fluorescent Resin DFT : 25µm (140g/m <sup>2</sup> )	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
9. Finish Coat	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
<b>Construction Site</b>								
10. Surface Treatment	(N.A.)	(N.A.)	(N.A.)	Power Tool Cleaned (ISO St3)	Power Tool Cleaned (ISO St3)	Power Tool Cleaned (ISO St3)	(N.A.)	(N.A.)
11. 1st Under-Coat	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
12. 2nd Under-Coat	(N.A.)	(N.A.)	(N.A.)	Formulated Epoxy Resin DFT : 120µm (410g/m <sup>2</sup> )	Formulated Epoxy Resin DFT : 120µm (410g/m <sup>2</sup> )	Formulated Epoxy Resin DFT : 160g/m <sup>2</sup>	(N.A.)	(N.A.)
13. 3rd Under-Coat	(N.A.)	(N.A.)	(N.A.)	Ultra Thick Epoxy Resin DFT : 300µm (1100g/m <sup>2</sup> )	Ultra Thick Epoxy Resin DFT : 600µm (2200g/m <sup>2</sup> )	Ultra Thick Epoxy Resin DFT : 300µm (1100g/m <sup>2</sup> )	(N.A.)	(N.A.)
14. 4th Under-Coat	(N.A.)	(N.A.)	(N.A.)	Fluorescent Resin DFT : 25µm (170g/m <sup>2</sup> ) (140g/m <sup>2</sup> by brush)	Fluorescent Resin DFT : 25µm (170g/m <sup>2</sup> ) (140g/m <sup>2</sup> by brush)	(N.A.)	(N.A.)	(N.A.)
15. 5th Under-Coat	(N.A.)	(N.A.)	(N.A.)	Fluorescent Resin DFT : 25µm (140g/m <sup>2</sup> ) (120g/m <sup>2</sup> by brush)	Fluorescent Resin DFT : 25µm (140g/m <sup>2</sup> ) (120g/m <sup>2</sup> by brush)	(N.A.)	(N.A.)	(N.A.)
16. Intermediate Coat	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
17. Finish Coat	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)	(N.A.)
Explanatory Remarks (Line/Hatch)	-----	-----	-----	-----	~~~~~	// // // //	-----	
								

# PAINTING SYSTEM DETAIL (2) S= 1:100

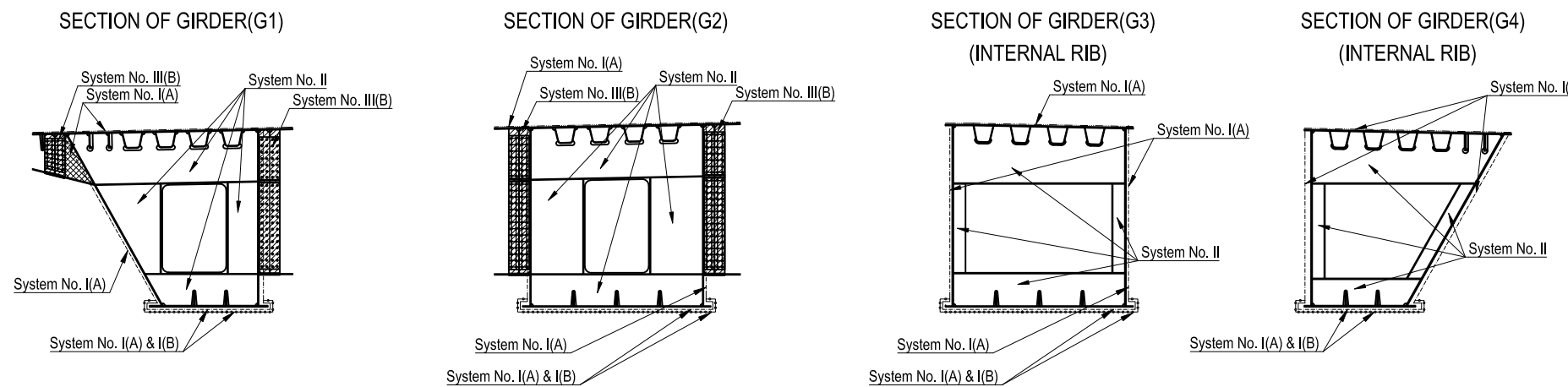
## CROSS SECTION OF STEEL BOX GIRDER AT END SUPPORT (1)



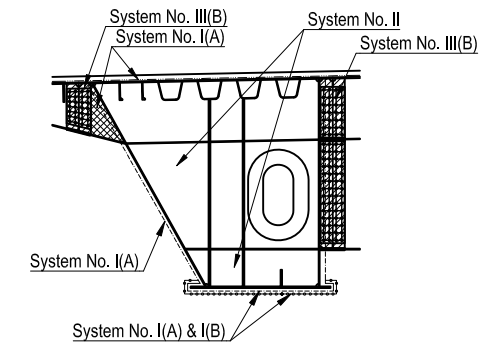
## CROSS SECTION OF STEEL BOX GIRDER AT END SUPPORT (2)



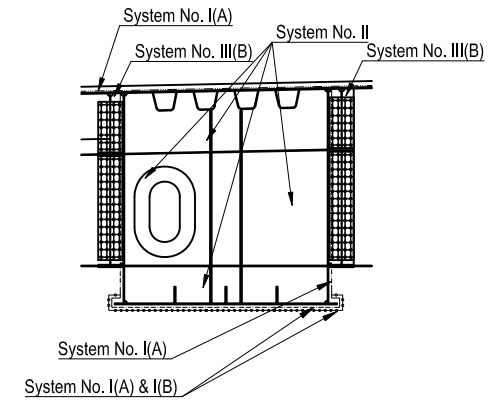
## SECTIONS OF STEEL BOX GIRDER AT MID SPAN



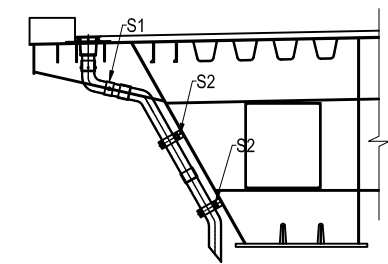
## SECTION OF GIRDER(G1) AT MID SPAN



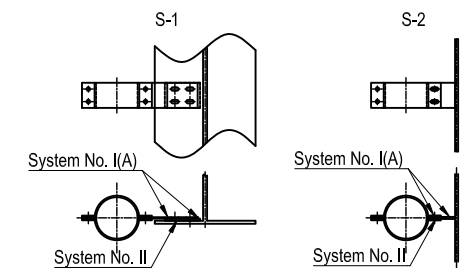
## SECTION OF GIRDER(G2) AT MID SPAN



## SECTION 1-1



## SUPPORT DEVICES S= 1:30



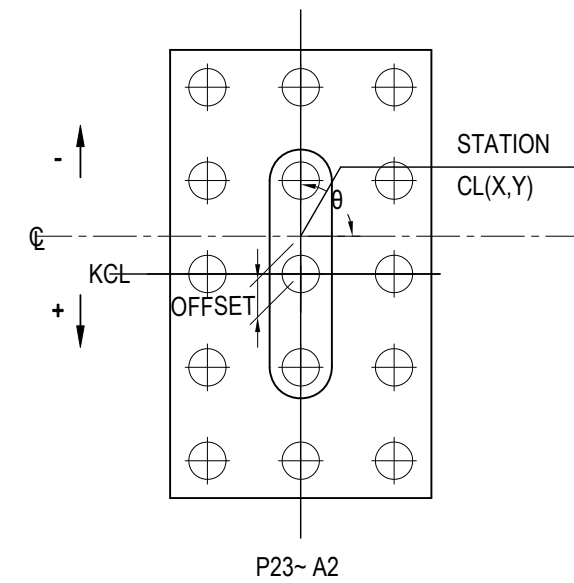
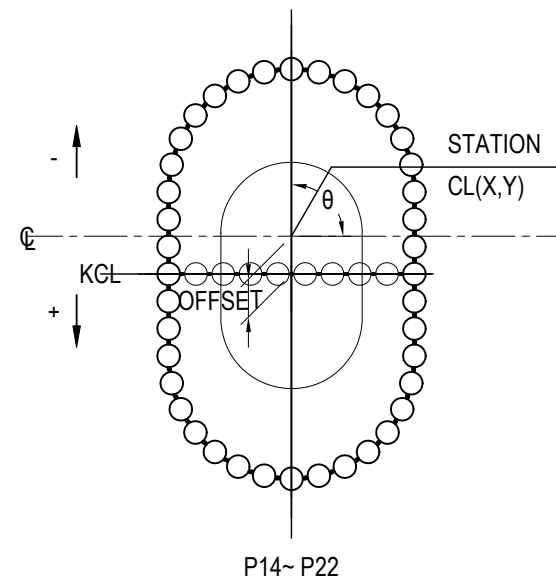
Note: The Contractor shall mark the Painting Record Table at the end of Girder Web.

<small>PROJECT NAME</small> DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	<small>FINANCED BY</small> JAPAN INTERNATIONAL COOPERATION AGENCY	<small>COUNTERPART</small> REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	<small>JICA STUDY TEAM</small> NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 20%;">NAME</td> <td style="width: 20%;">SIGNATURE</td> <td style="width: 20%;">DATE</td> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>15 Jun.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>20 Jun.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>21 Jun.2017</td> </tr> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		15 Jun.2017	CHECKED BY	T. HAYAKAWA		20 Jun.2017	APPROVED BY	Y. SANO		21 Jun.2017	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 100%;">DRAWING TITLE</td> <td style="width: 100%;">PACKAGE</td> </tr> <tr> <td style="text-align: center;">PAINTING SYSTEM DETAIL (2)</td> <td style="text-align: center;">2</td> </tr> <tr> <td></td> <td style="text-align: center;">DWG No.</td> </tr> <tr> <td></td> <td style="text-align: center;">P2-SB-1602</td> </tr> </table>	DRAWING TITLE	PACKAGE	PAINTING SYSTEM DETAIL (2)	2		DWG No.		P2-SB-1602
	NAME	SIGNATURE	DATE																										
PREPARED BY	S. IMADA		15 Jun.2017																										
CHECKED BY	T. HAYAKAWA		20 Jun.2017																										
APPROVED BY	Y. SANO		21 Jun.2017																										
DRAWING TITLE	PACKAGE																												
PAINTING SYSTEM DETAIL (2)	2																												
	DWG No.																												
	P2-SB-1602																												

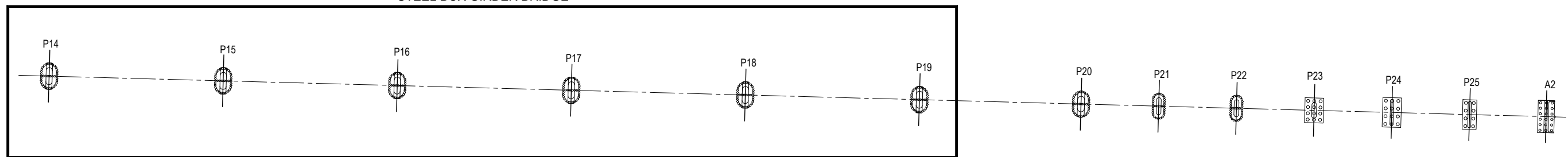


# COORDINATES OF SUBSTRUCTURE (P14-P19)

NAME		P14	P15	P16	P17	P18	P19	P20	P21	P22	P23	P24	P25	A2
STATION		1+424.000	1+536.000	1+648.000	1+760.000	1+872.000	1+984.000	2+088.000	2+138.000	2+188.000	2+238.000	2+288.000	2+338.000	2+388.000
CL	X	1858363.5073	1858460.4724	1858557.4375	1858654.4026	1858751.3677	1858848.3328	1858938.3718	1858981.6598	1859024.9477	1859068.2357	1859111.5237	1859154.8117	1859198.0997
	Y	204959.0244	204902.9729	204846.9214	204790.8699	204734.8184	204678.7669	204626.7190	204601.6961	204576.6731	204551.6501	204526.6271	204501.6041	204476.5811
AZIMUTH		239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"	239d 58' 10.5"
SKEW ANGLE (θ)		90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"	90d 00' 00"
OFFSET (m)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



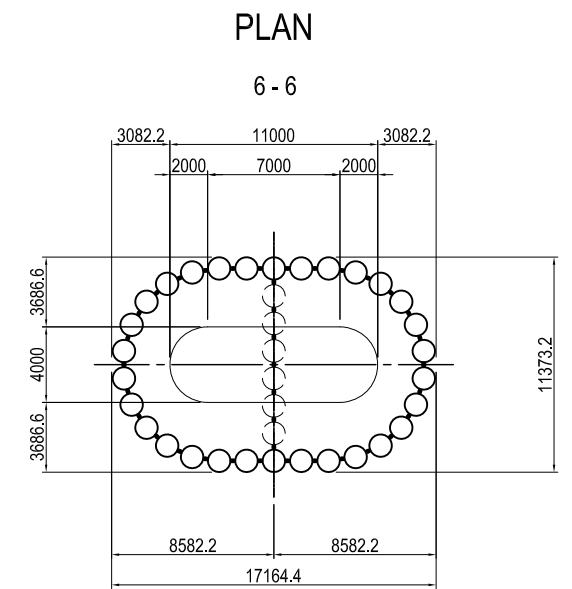
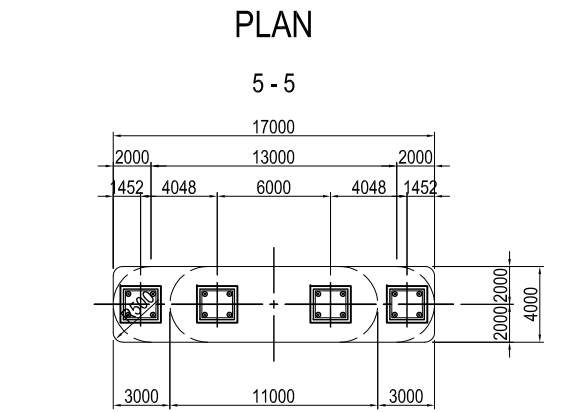
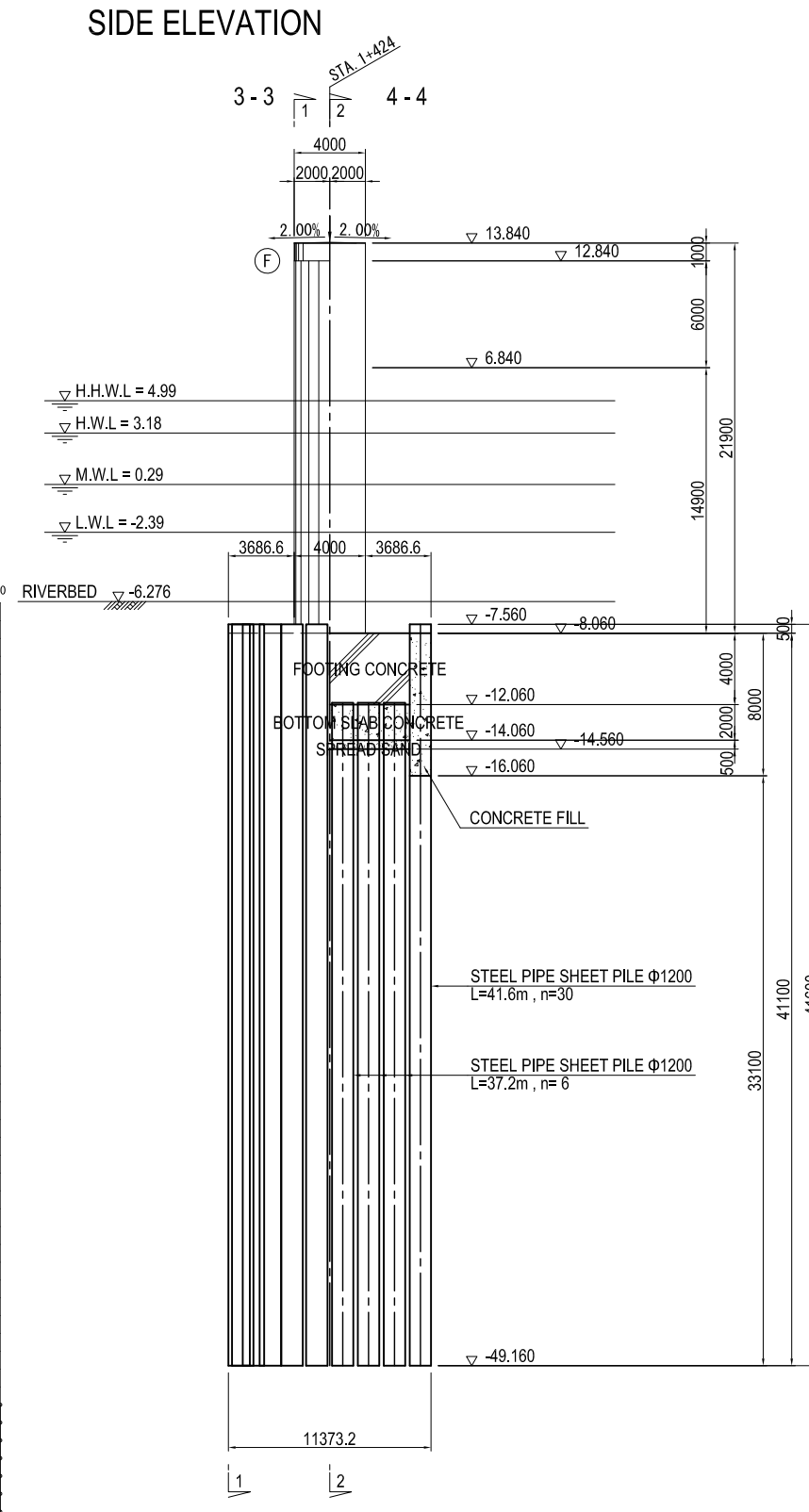
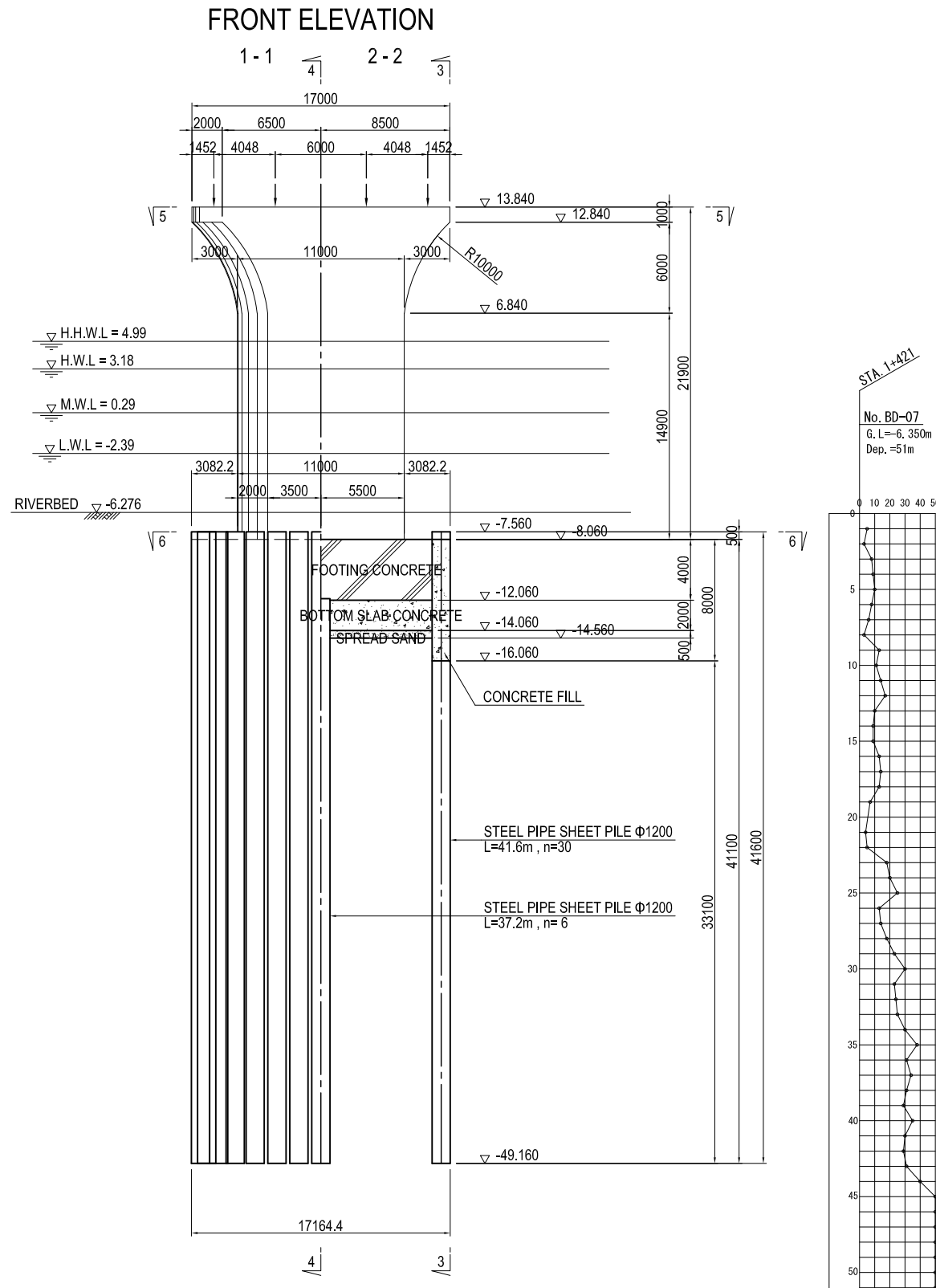
## STEEL BOX GIRDER BRIDGE



<small>PROJECT NAME</small> DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	<small>FINANCED BY</small> JAPAN INTERNATIONAL COOPERATION AGENCY	<small>COUNTERPART</small> REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	<small>JICA STUDY TEAM</small> NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 20%;">NAME</td> <td style="width: 20%;">SIGNATURE</td> <td style="width: 20%;">DATE</td> </tr> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>29 Sep. 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 Sep. 2017	CHECKED BY	T. HAYAKAWA		3 Oct. 2017	APPROVED BY	Y. SANO		6 Oct. 2017	<small>DRAWING TITLE</small> COORDINATES OF SUBSTRUCTURE (P14-P19)	<small>PACKAGE</small> 2 DWG No. P2-SB-2000
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		29 Sep. 2017																			
CHECKED BY	T. HAYAKAWA		3 Oct. 2017																			
APPROVED BY	Y. SANO		6 Oct. 2017																			

# GENERAL VIEW OF P14 PIER (1)

S=1:400



## USE MATERIALS

	CONCRETE	BAR
BEAM	$\sigma_{ck} = 30 \text{ N/mm}^2$	SD345
COLUMN	$\sigma_{ck} = 30 \text{ N/mm}^2$	SD390, SD345
FOOTING	$\sigma_{ck} = 24 \text{ N/mm}^2$	SD345

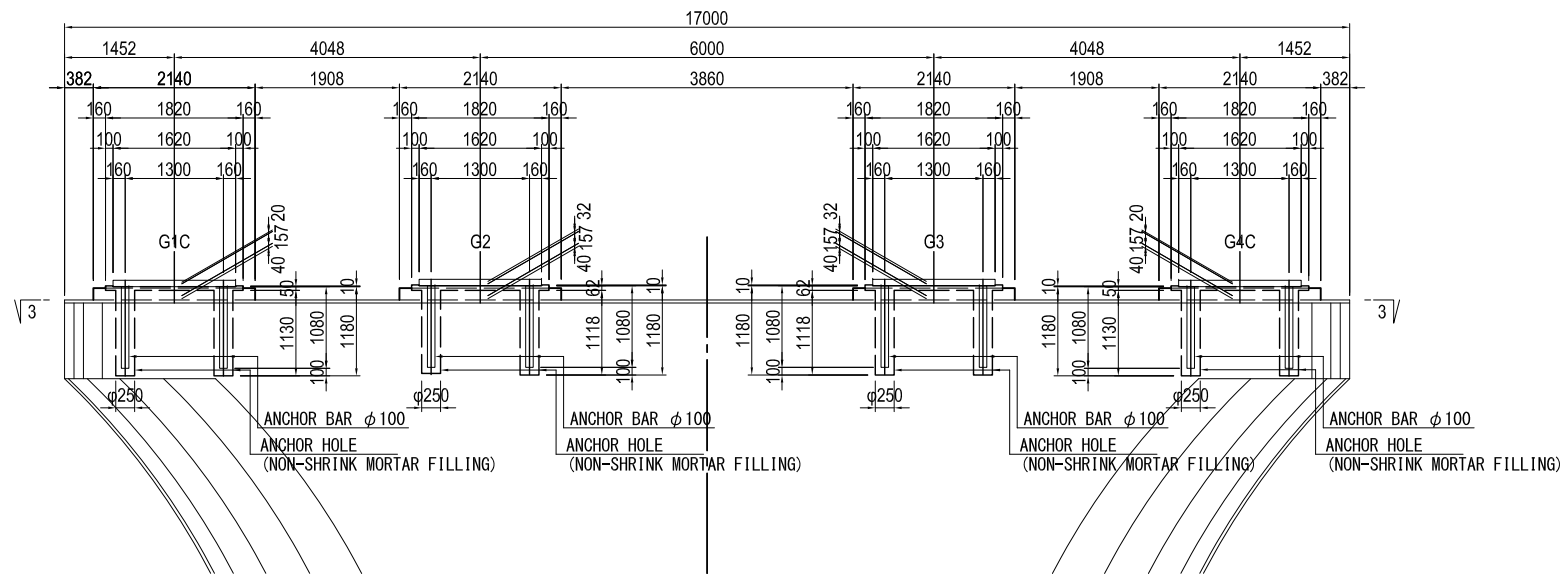
# GENERAL VIEW OF P14 PIER (2)

S=1:100

## DETAIL OF BEARING AND ANCHOR

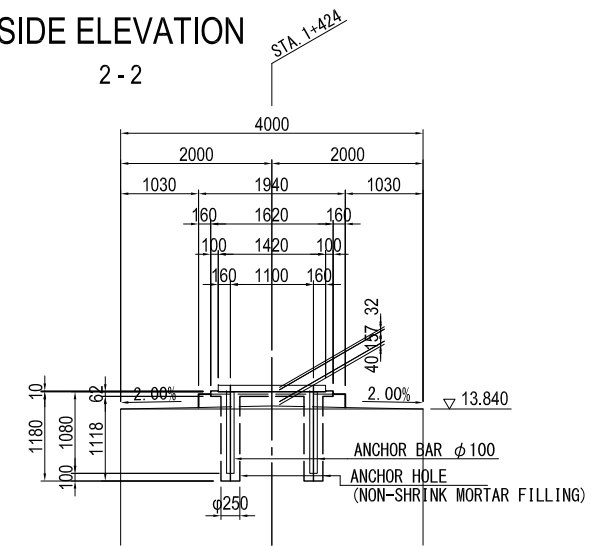
FRONT ELEVATION

1-1



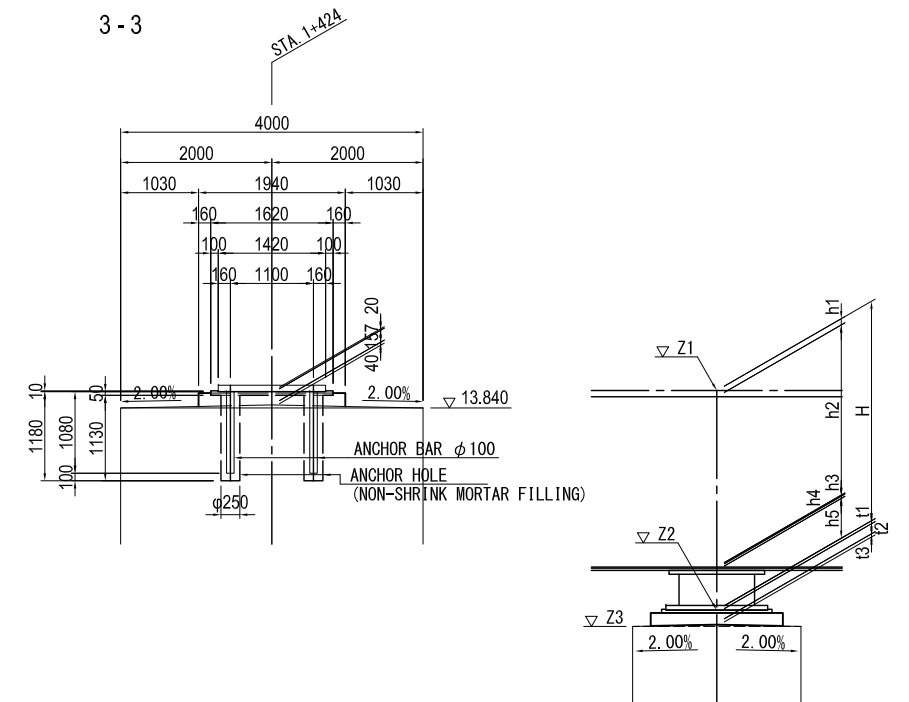
SIDE ELEVATION

2-2



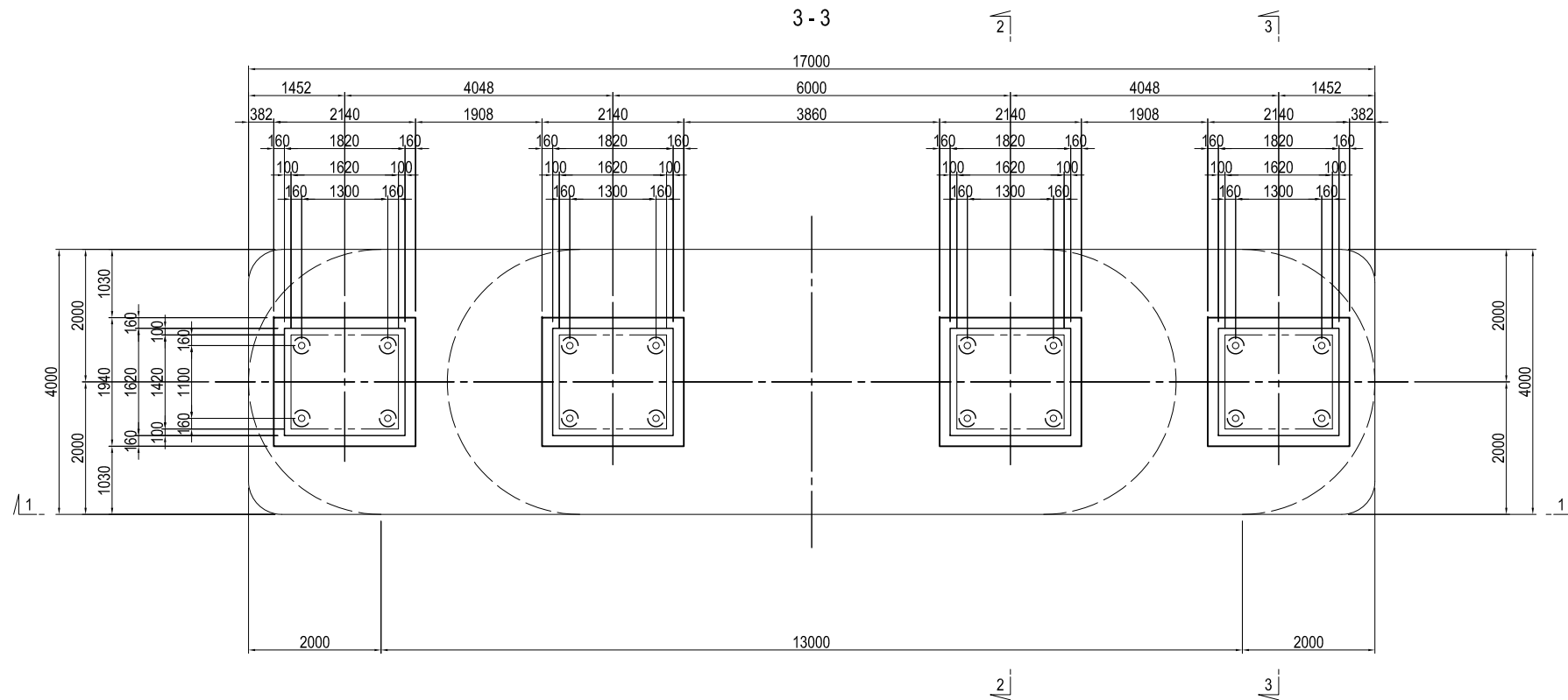
SIDE ELEVATION

3-3



PLAN

3-3



	P14 PIER				
	G1C	G2	G3	G4C	
PROPOSED HEIGHT	Z1	17.297	17.378	17.378	17.297
PAVEMENT	h1	0.080	0.080	0.080	0.080
GIRDER	h2	2.709	2.790	2.790	2.709
BOTTOM FLANGE	h3	0.052	0.040	0.040	0.052
SOLE PLATE	h4	0.040	0.040	0.040	0.040
BEARING	h5	0.359	0.359	0.359	0.359
SUBTOTAL	H	3.240	3.309	3.309	3.240
ELEVATION OF BEARING BOTTOM	Z2	14.057	14.069	14.069	14.057
MORTAR	t1	0.020	0.032	0.032	0.020
BEARING BASE	t2	0.157	0.157	0.157	0.157
DRAINAGE INCLINE	t3	0.040	0.040	0.040	0.040
ELEVATION OF PIER TOP	Z3	13.840	13.840	13.840	13.840

PROJECT NAME  
DETAILED DESIGN ON  
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COOPERATION AGENCY

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

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

	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA	<i>S. Imada</i>	27 Nov.2017
CHECKED BY	T. HAYAKAWA	<i>T. Hayakawa</i>	28 Nov.2017
APPROVED BY	Y. SANO	<i>Y. Sano</i>	29 Nov.2017

DRAWING TITLE  
GENERAL VIEW OF P14 PIER(2)

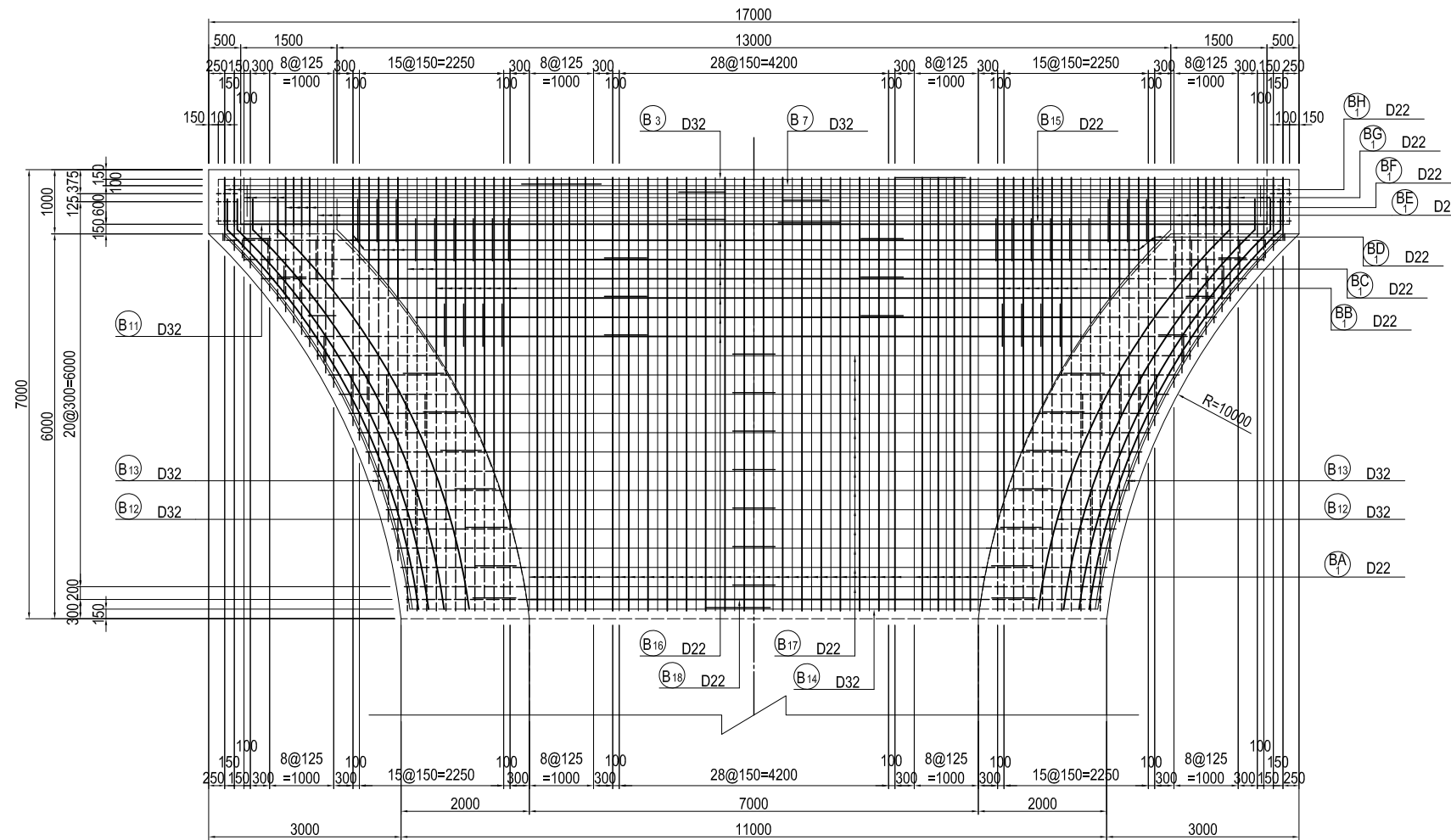
PACKAGE  
2  
DWG No.  
P2-SB-2002



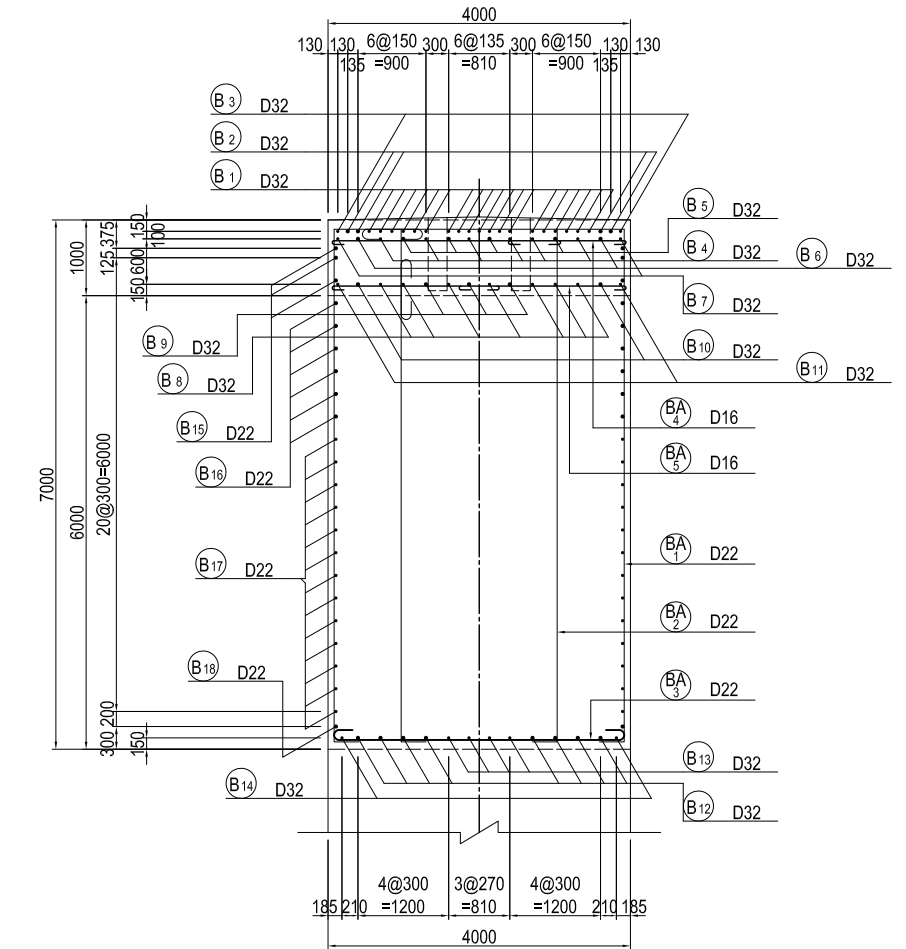
# BAR ARRANGEMENT OF P14 PIER (1) S=1:100

## BEAM

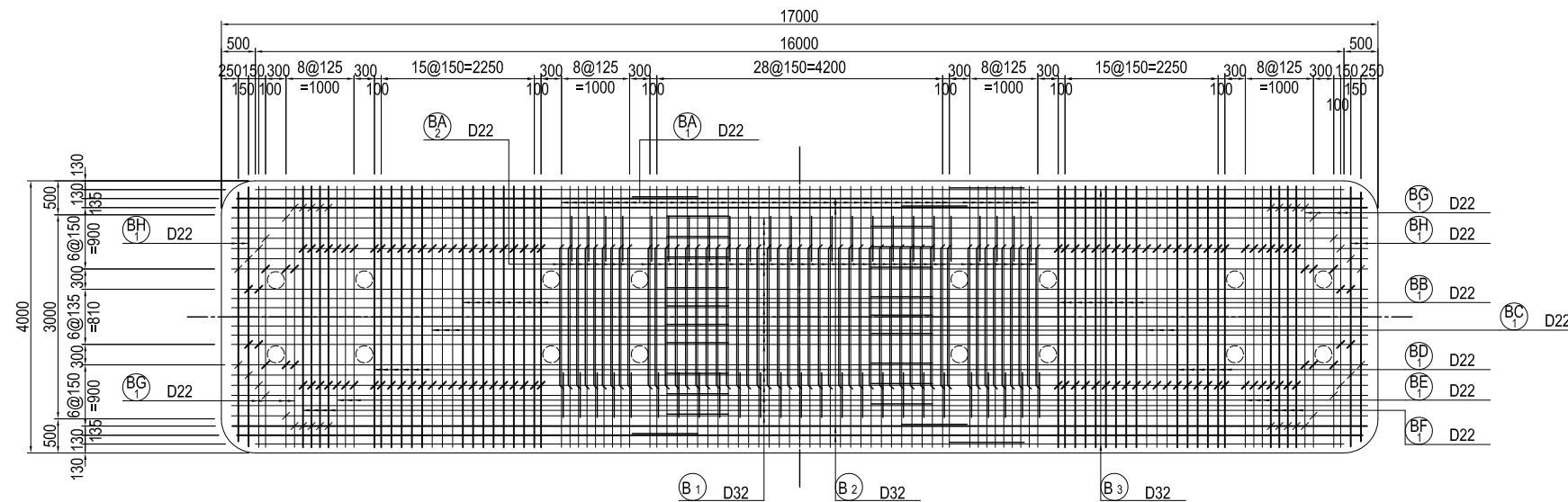
### FRONT ELEVATION 1-1



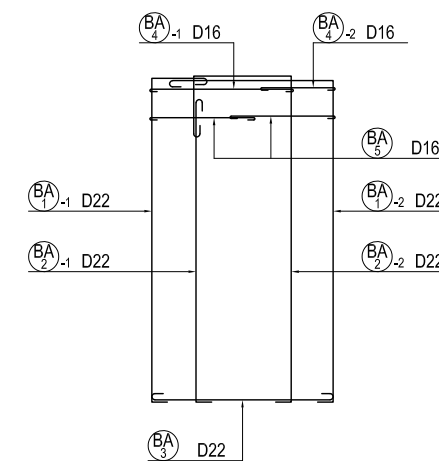
### SECTION 3-3



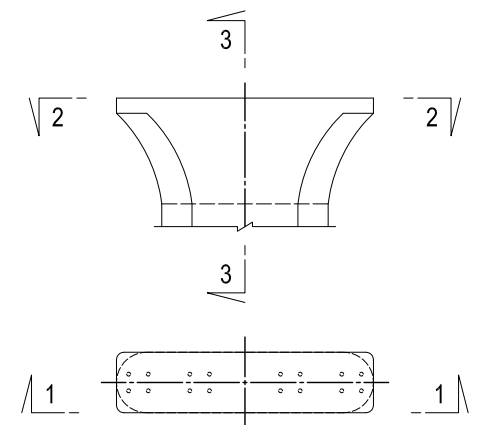
### PLAN 2-2



### ASSEMBLY DRAWING OF STIRRUP



### MARKING DIAGRAM

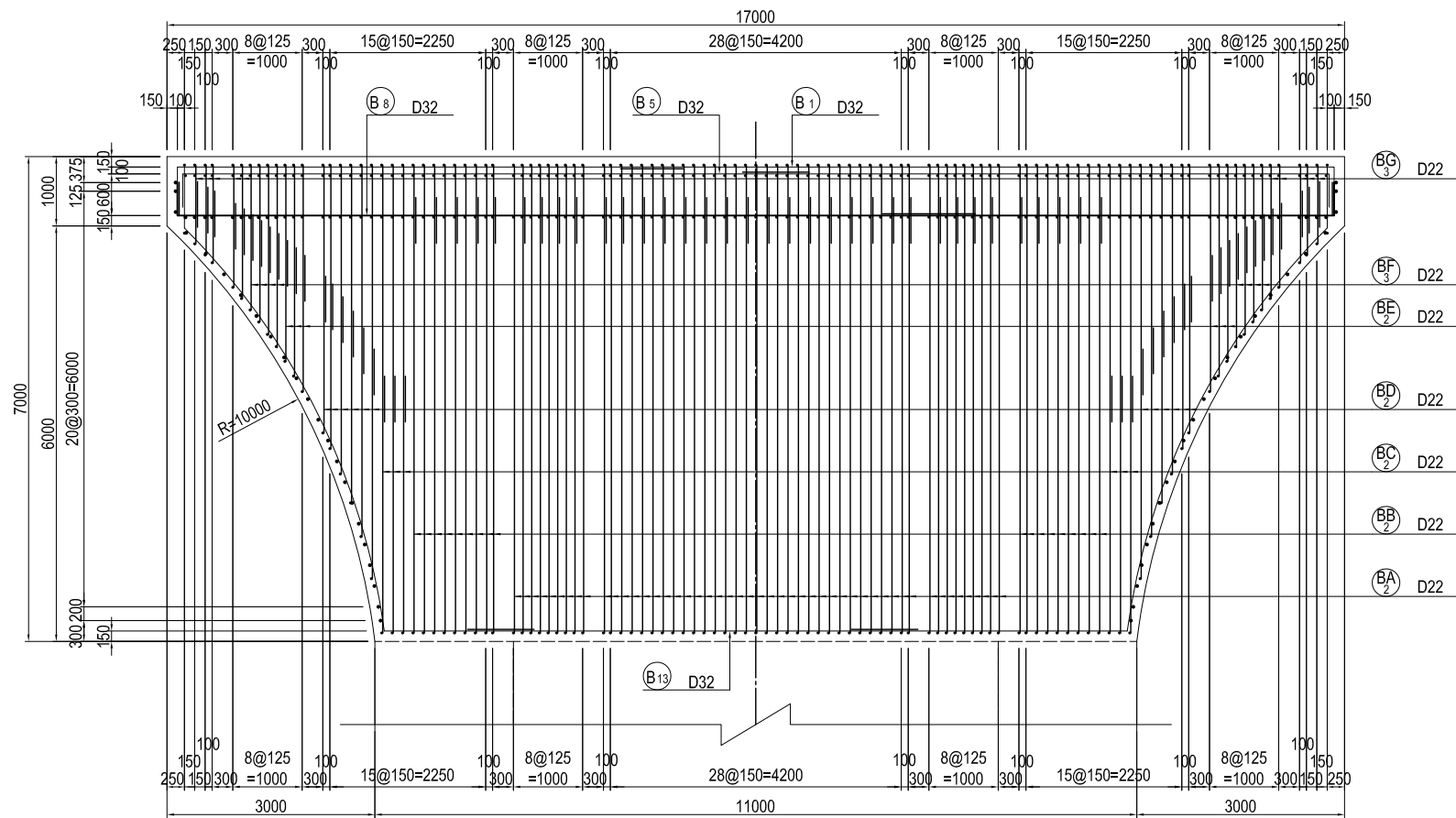


### USE MATERIALS

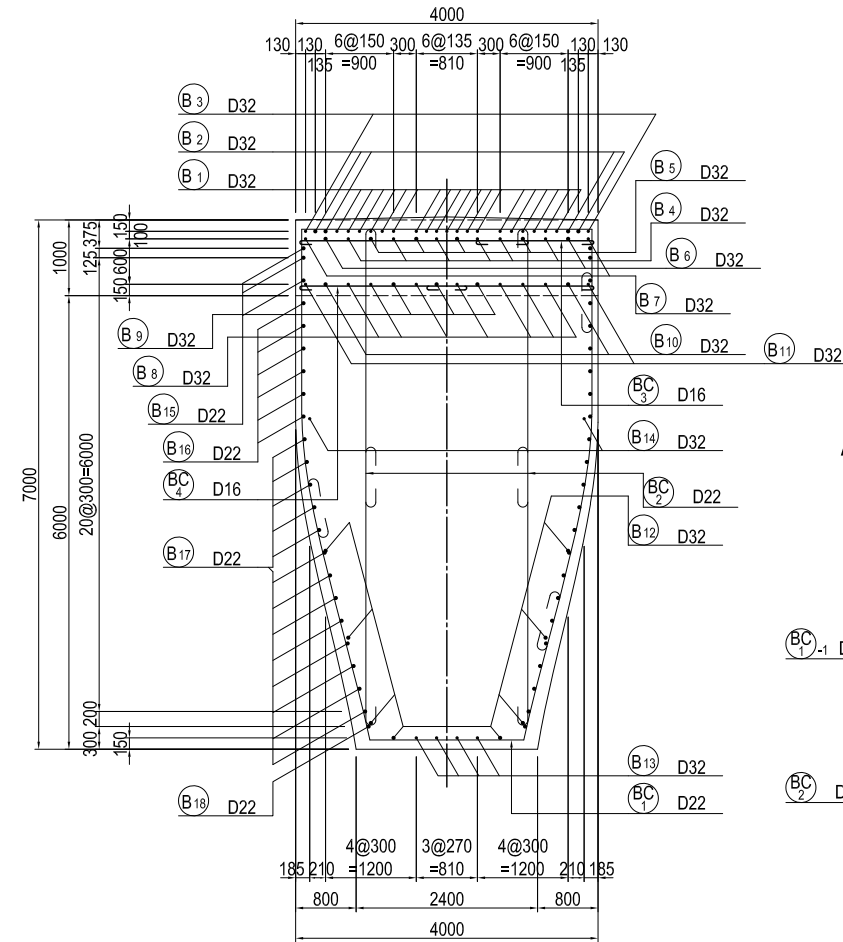
	CONCRETE	BAR
BEAM	σck = 30 N/mm <sup>2</sup>	SD345

# BAR ARRANGEMENT OF P14 PIER (2) S=1:100 BEAM

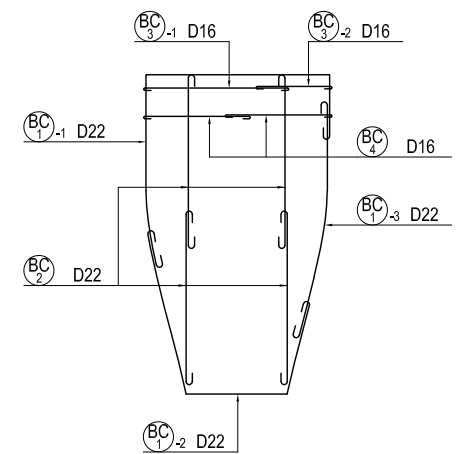
## SECTION 4 - 4



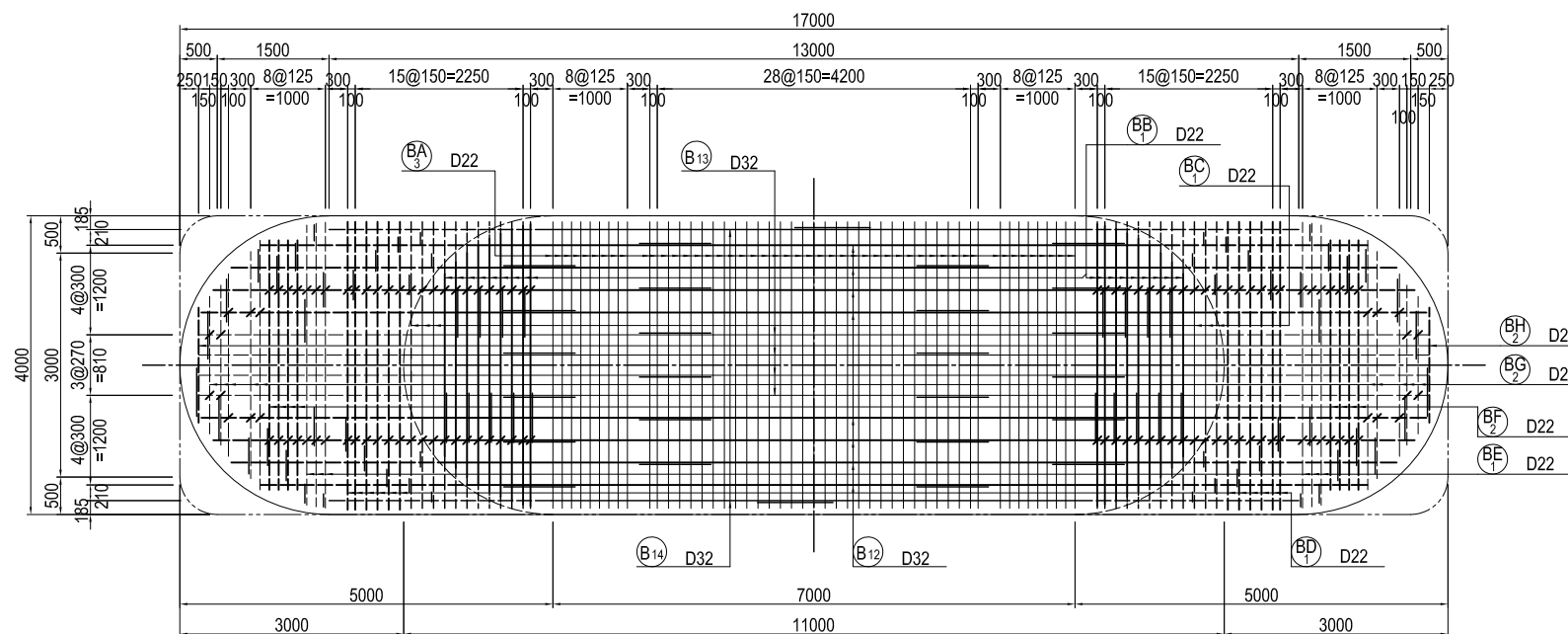
## SECTION 7 - 7



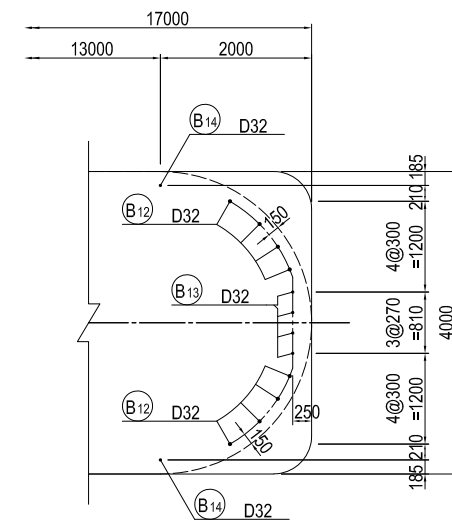
## ASSEMBLY DRAWING OF STIRRUP



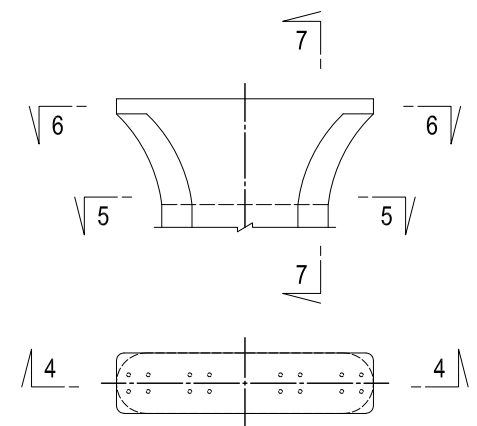
## PLAN 5 - 5



## PLAN 6 - 6



## MARKING DIAGRAM



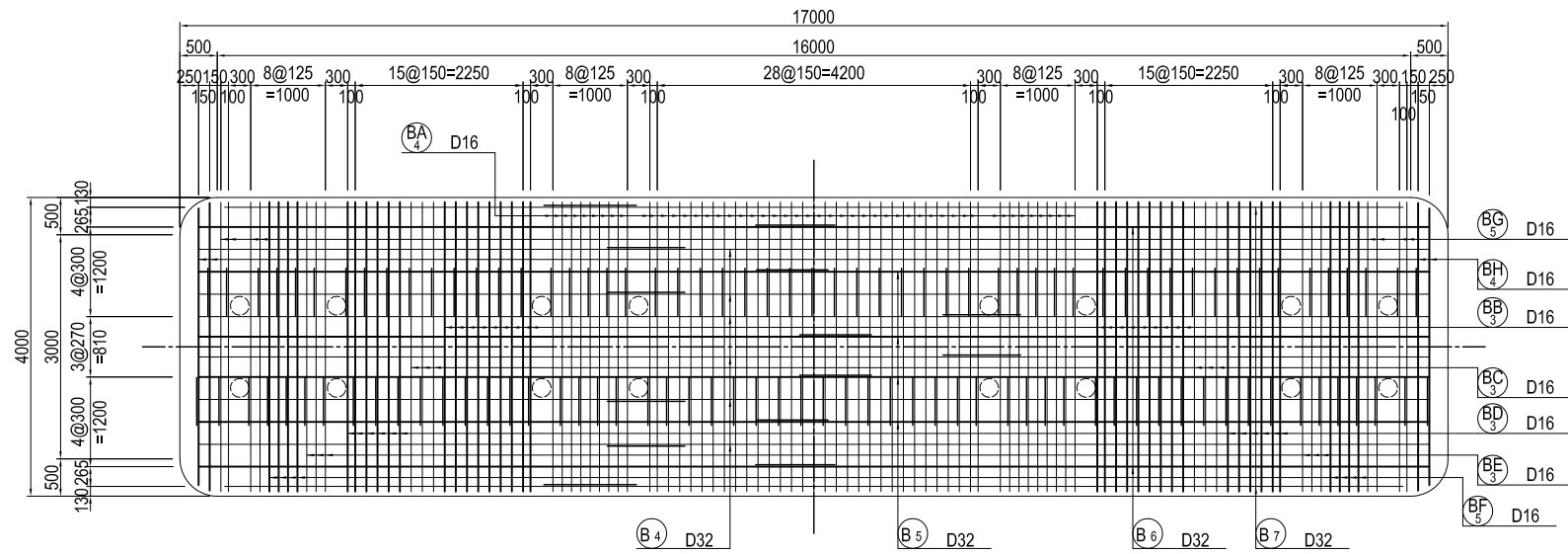
## USE MATERIALS

	CONCRETE	BAR
BEAM	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	SD345

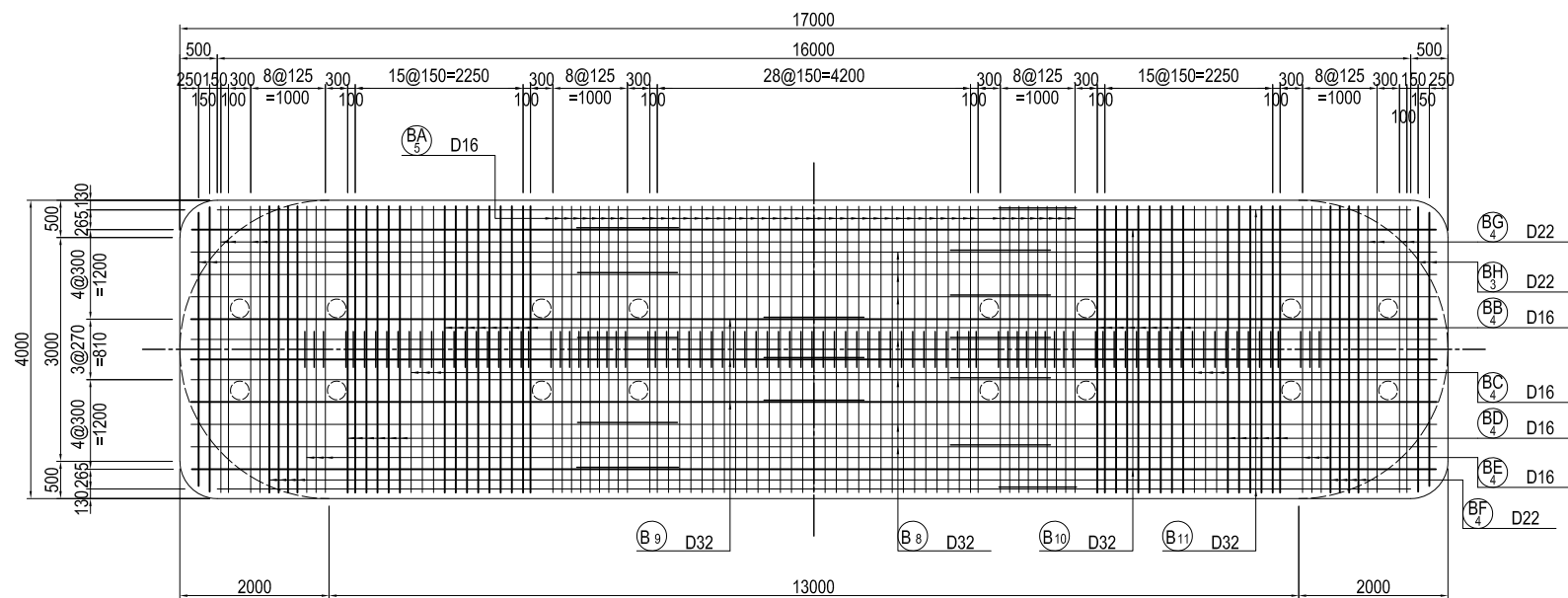
# BAR ARRANGEMENT OF P14 PIER (3) S=1:100

## BEAM

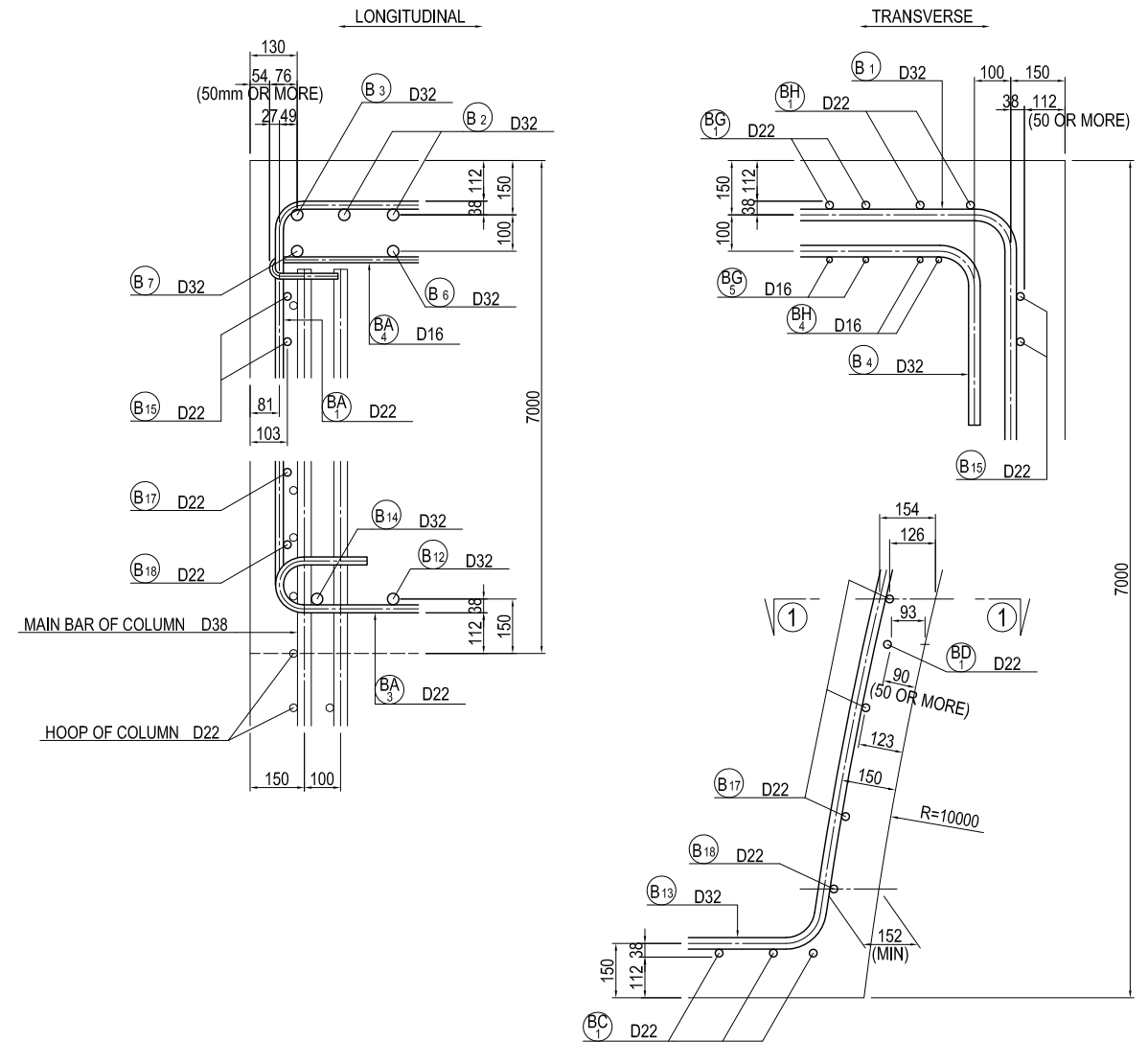
**PLAN  
8-8**



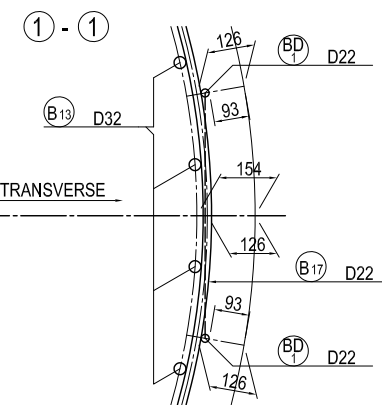
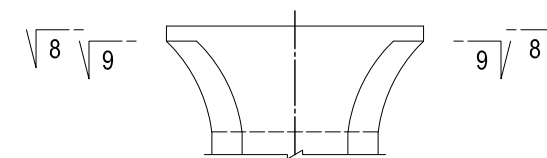
**PLAN  
9-9**



**DETAIL OF BEAM S=1:20**



**MARKING DIAGRAM**



**USE MATERIALS**

	CONCRETE	BAR
BEAM	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	SD345

PROJECT NAME  
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	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		27 Nov.2017
CHECKED BY	T. HAYAKAWA		28 Nov.2017
APPROVED BY	Y. SANO		29 Nov.2017

DRAWING TITLE  
**BAR ARRANGEMENT OF P14 PIER (3)**

PACKAGE  
2  
DWG No.  
P2-SB-2005

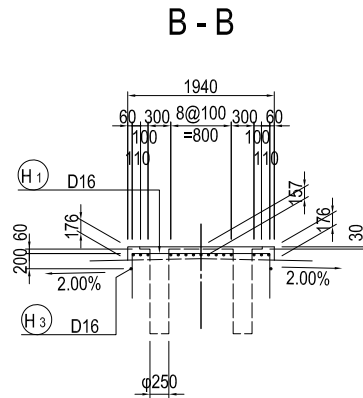
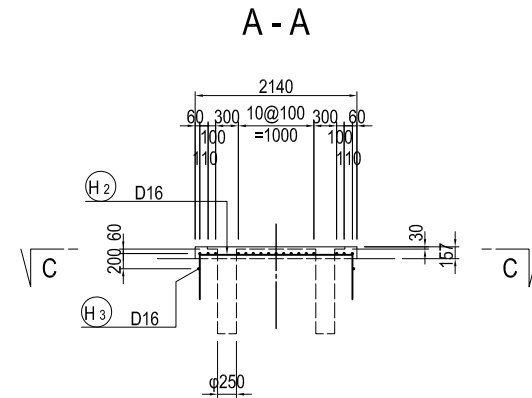
# BAR ARRANGEMENT OF P14 PIER (4) S=1:100

## BEAM

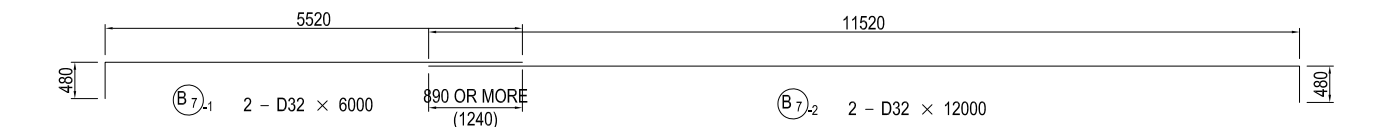
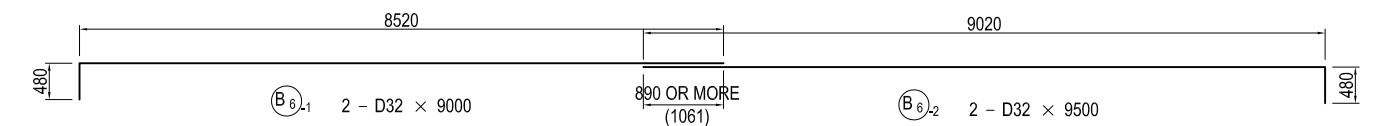
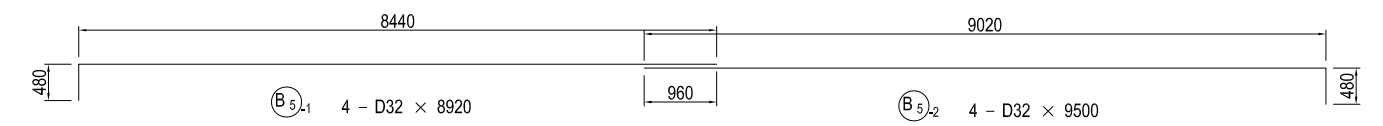
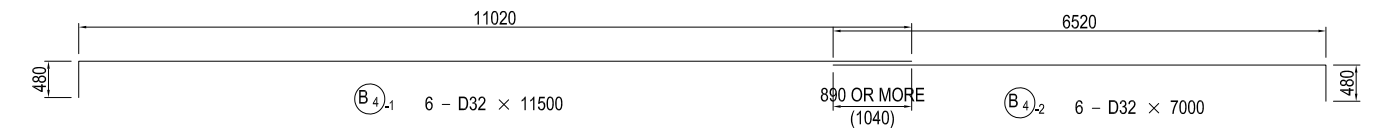
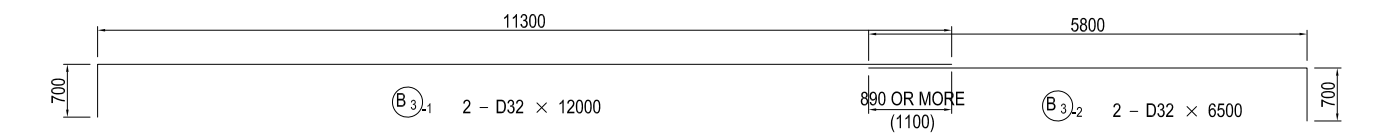
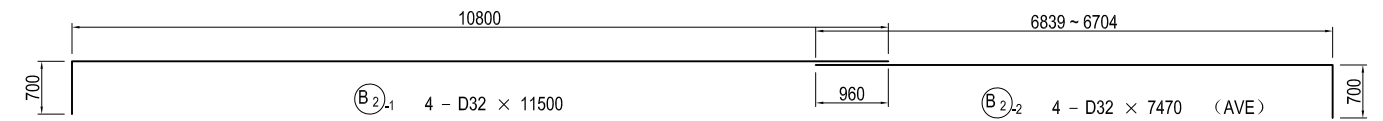
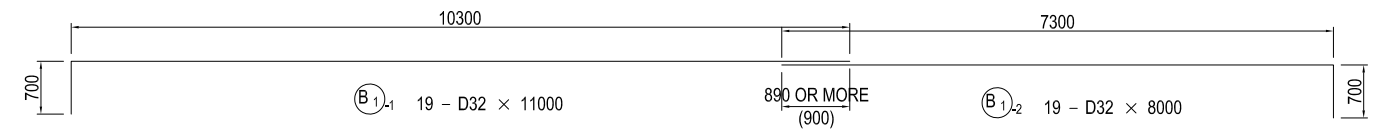
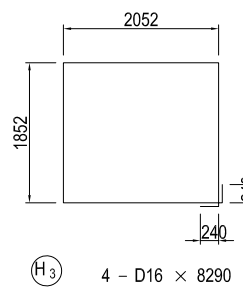
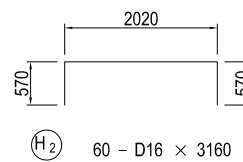
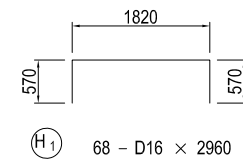
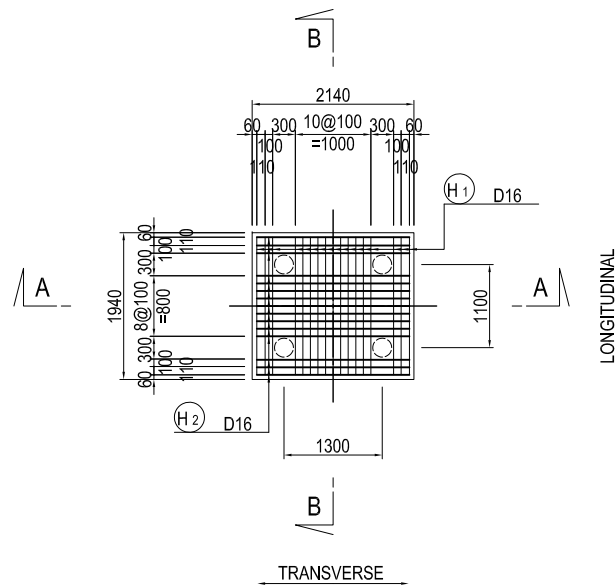
### BAR ARRANGEMENT OF BEARING BASE

(N = 4)

### SECTION



### PLAN C-C



### USE MATERIALS

	CONCRETE	BAR
BEAM	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	SD345

PROJECT NAME  
DETAILED DESIGN ON  
BAGO RIVER BRIDGE  
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 JAPAN INTERNATIONAL  
COOPERATION AGENCY

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

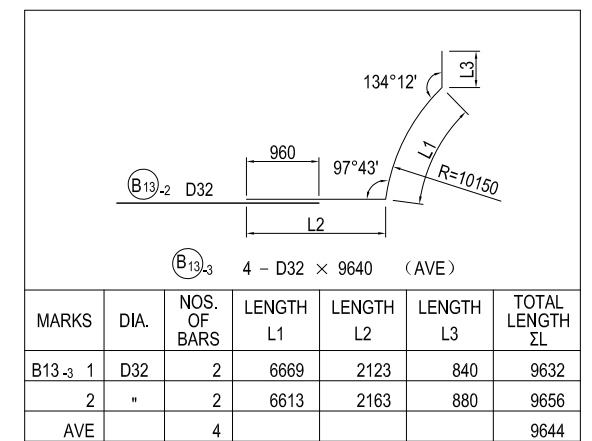
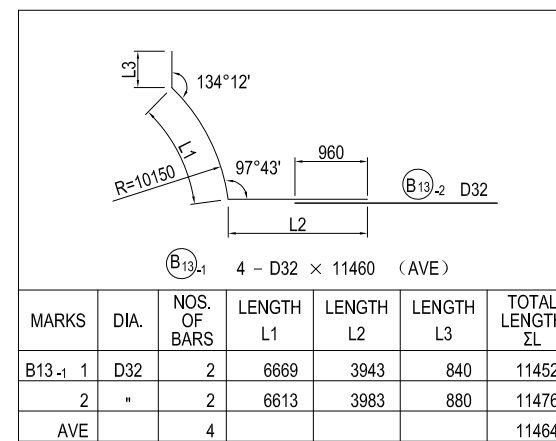
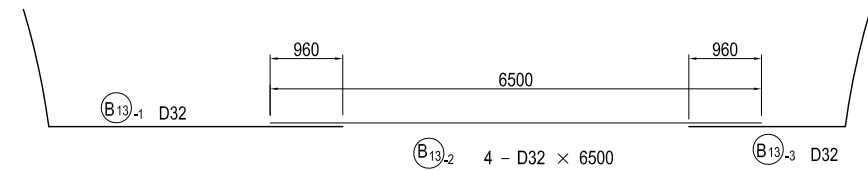
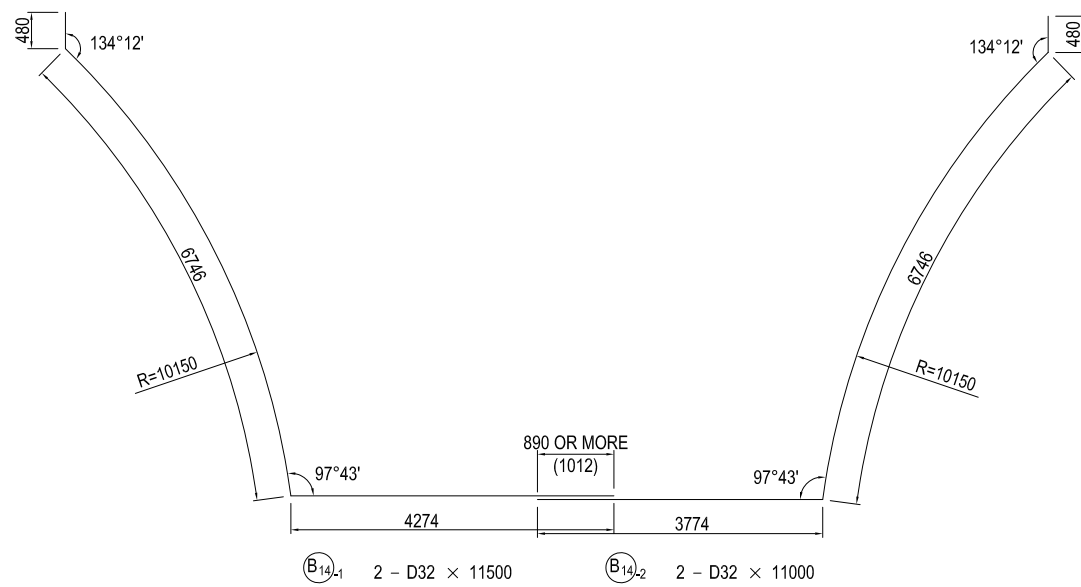
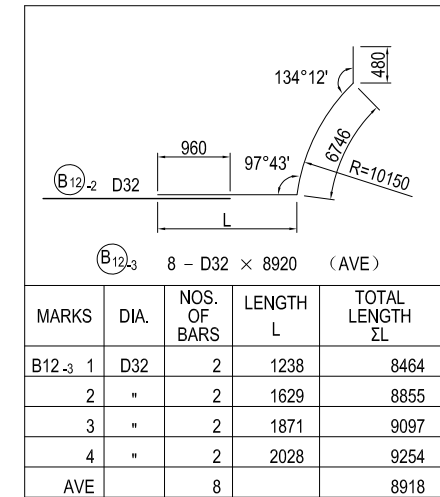
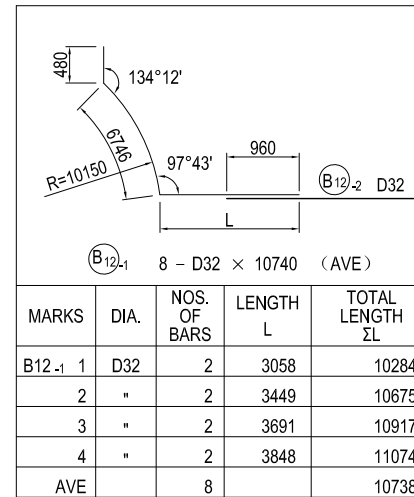
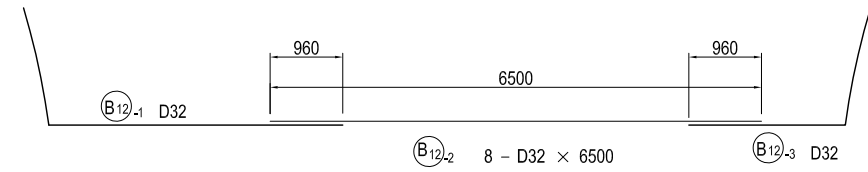
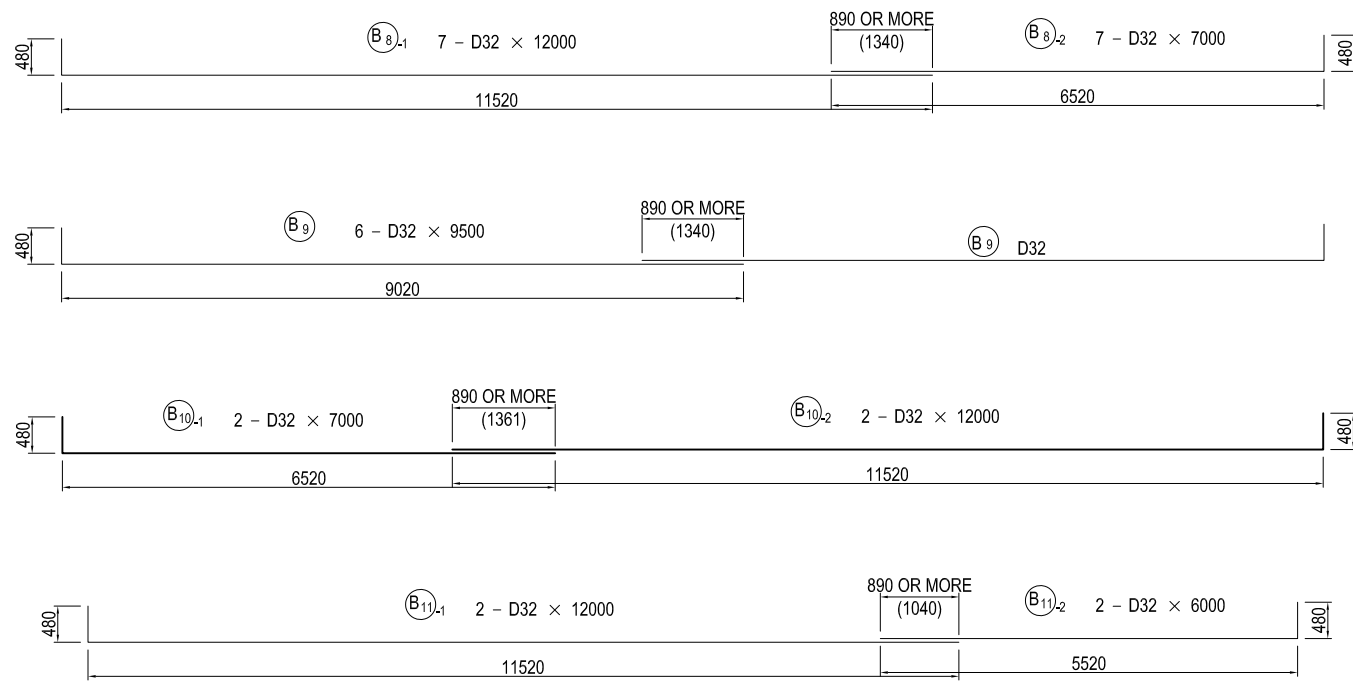
JICA STUDY TEAM  
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 ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
 METROPOLITAN EXPRESSWAY COMPANY LIMITED  
 CHODAI CO., LTD.  
 NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		27 Nov.2017
CHECKED BY	T. HAYAKAWA		28 Nov.2017
APPROVED BY	Y. SANO		29 Nov.2017

DRAWING TITLE	PACKAGE
BAR ARRANGEMENT OF P14 PIER (4)	2
	DWG No.
	P2-SB-2006

# BAR ARRANGEMENT OF P14 PIER (5) S=1:100

## BEAM

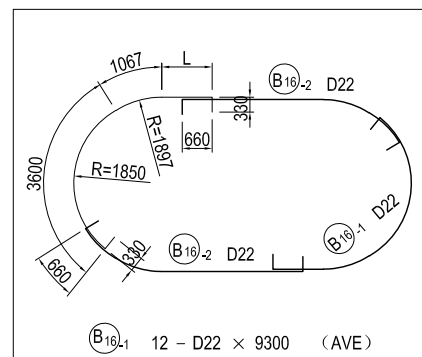
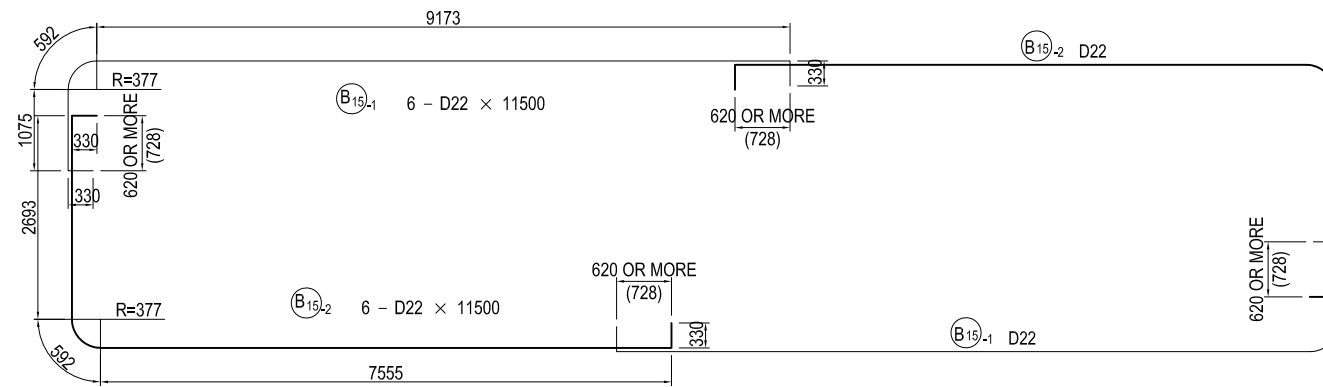


### USE MATERIALS

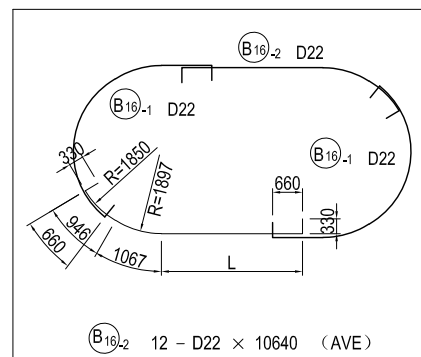
	CONCRETE	BAR
BEAM	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	SD345

# BAR ARRANGEMENT OF P14 PIER (6) S=1:100

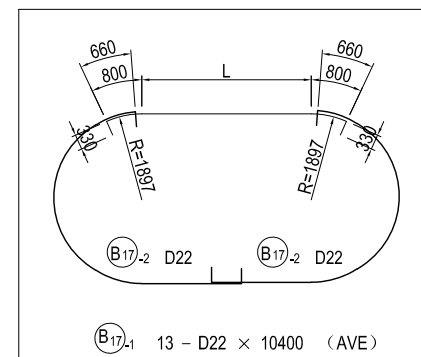
## BEAM



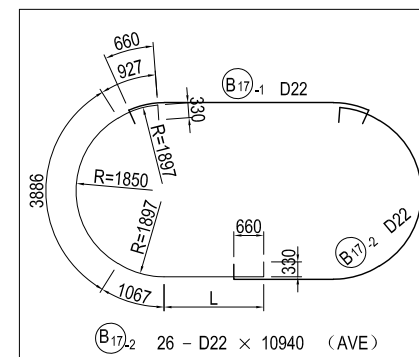
MARKS	DIA.	NOS. OF BARS	LENGTH L	TOTAL LENGTH ΣL
B16-1 1	D22	2	4612	9939
2	"	2	4328	9655
3	"	2	4065	9392
4	"	2	3823	9150
5	"	2	3598	8925
6	"	2	3391	8718
AVE		12		9297



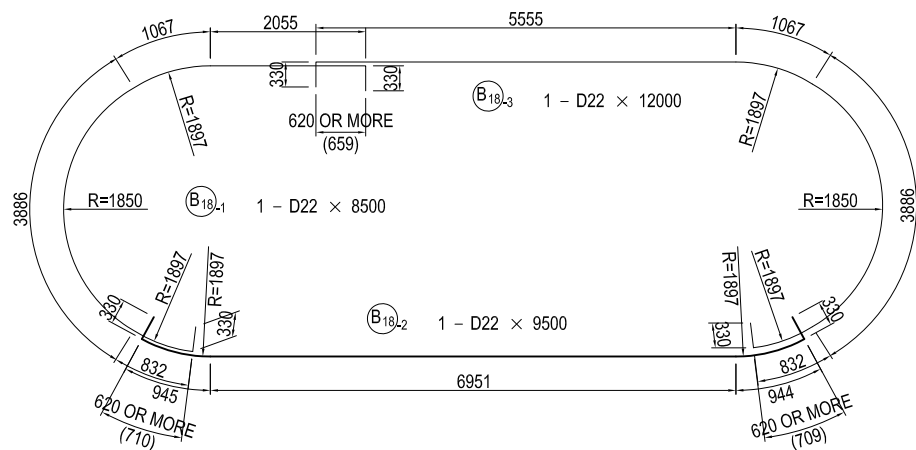
MARKS	DIA.	NOS. OF BARS	LENGTH L	TOTAL LENGTH ΣL
B16-2 1	D22	2	8612	11285
2	"	2	8328	11001
3	"	2	8065	10738
4	"	2	7823	10496
5	"	2	7598	10271
6	"	2	7391	10064
AVE		12		10643



MARKS	DIA.	NOS. OF BARS	LENGTH L	TOTAL LENGTH ΣL
B17-1 1	D22	1	9737	11997
2	"	1	9381	11641
3	"	1	9052	11312
4	"	1	8749	11009
5	"	1	8470	10730
6	"	1	8215	10475
7	"	1	7982	10242
8	"	1	7771	10031
9	"	1	7580	9840
10	"	1	7410	9670
11	"	1	7260	9520
12	"	1	7128	9388
13	"	1	7016	9276
AVE		13		10395



MARKS	DIA.	NOS. OF BARS	LENGTH L	TOTAL LENGTH ΣL
B17-2 1	D22	2	5198	11738
2	"	2	5020	11560
3	"	2	4856	11396
4	"	2	4705	11245
5	"	2	4565	11105
6	"	2	4438	10978
7	"	2	4321	10861
8	"	2	4215	10755
9	"	2	4120	10660
10	"	2	4035	10575
11	"	2	3960	10500
12	"	2	3894	10434
13	"	2	3838	10378
AVE		26		10937



### USE MATERIALS

	CONCRETE	BAR
BEAM	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	SD345

PROJECT NAME  
DETAILED DESIGN ON  
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FINANCED BY  
 JAPAN INTERNATIONAL  
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DEPARTMENT OF BRIDGE

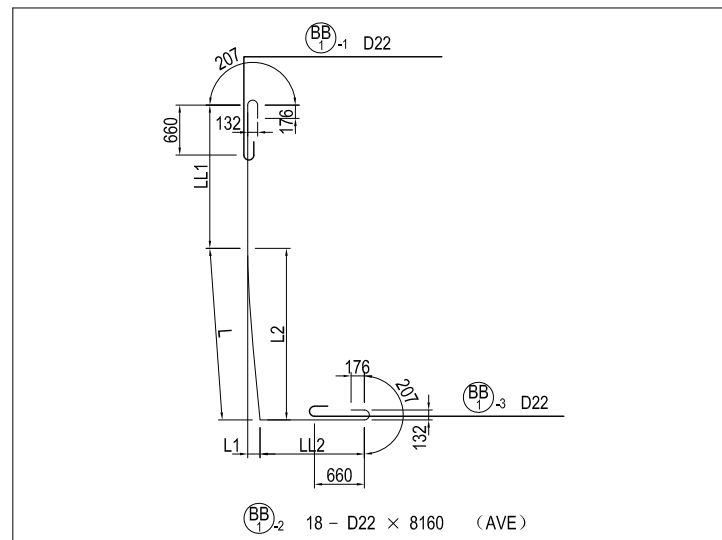
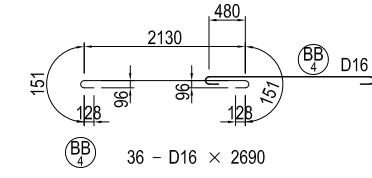
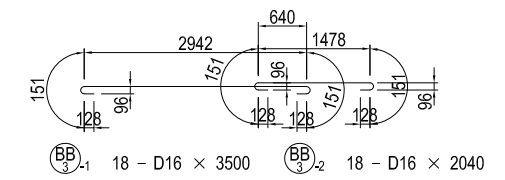
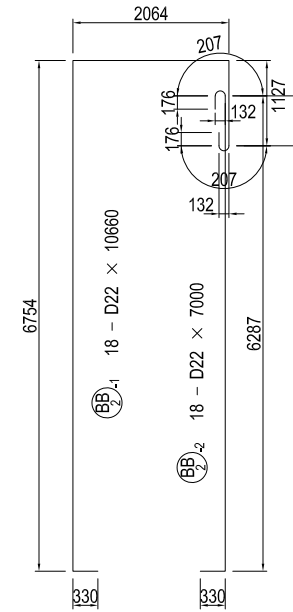
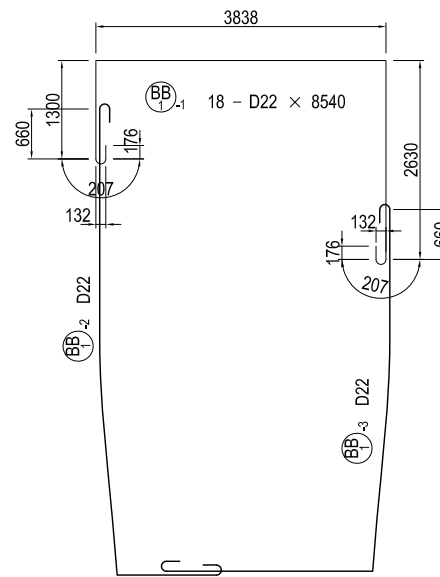
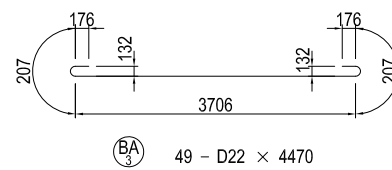
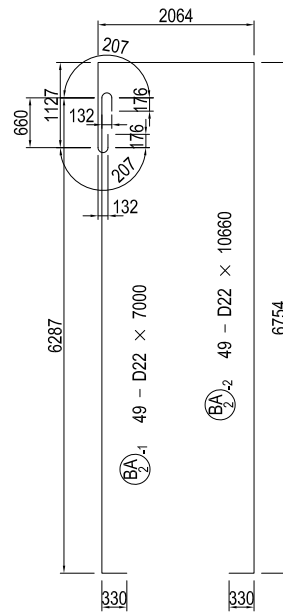
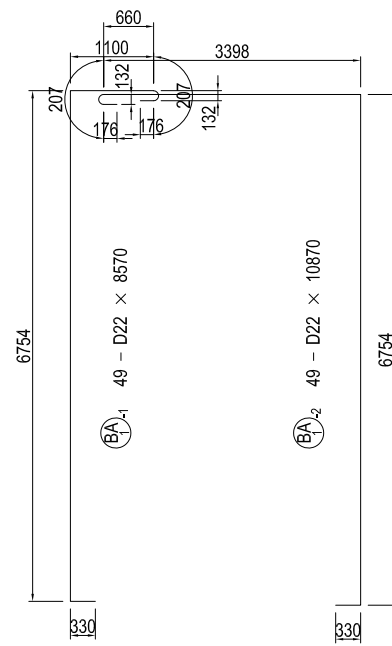
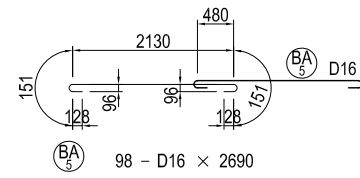
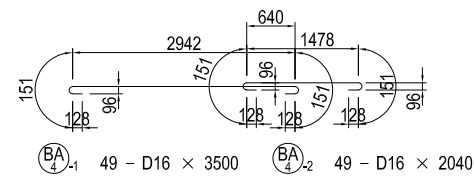
JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
METROPOLITAN EXPRESSWAY COMPANY LIMITED  
CHODAI CO., LTD.  
NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		27 Nov.2017
CHECKED BY	T. HAYAKAWA		28 Nov.2017
APPROVED BY	Y. SANO		29 Nov.2017

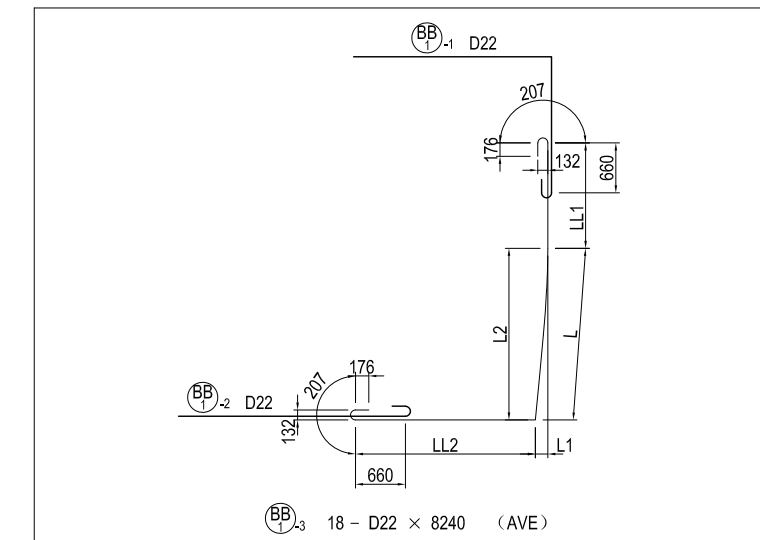
DRAWING TITLE  
BAR ARRANGEMENT OF P14 PIER (6)

PACKAGE  
2  
DWG No.  
P2-SB-2008

# BAR ARRANGEMENT OF P14 PIER (7) S=1:100 BEAM



MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH LL1	LENGTH LL2	TOTAL LENGTH ΣL
BB1-2 1	D22	2	1464	33	1464	4650	1511	8391
2	"	2	1892	54	1891	4223	1490	8371
3	"	2	2282	97	2280	3834	1447	8329
4	"	2	2606	155	2601	3513	1389	8274
5	"	2	3029	227	3020	3094	1317	8206
6	"	2	3241	315	3225	2889	1229	8125
7	"	2	3607	416	3580	2534	1128	8035
8	"	2	3827	541	3785	2329	1003	7925
9	"	2	4115	698	4051	2063	846	7790
AVE		18						8161



MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH LL1	LENGTH LL2	TOTAL LENGTH ΣL
BB1-3 1	D22	2	1464	33	1464	3320	2921	8471
2	"	2	1892	54	1891	2893	2900	8451
3	"	2	2282	97	2280	2504	2857	8409
4	"	2	2606	155	2601	2183	2799	8354
5	"	2	3029	227	3020	1764	2727	8286
6	"	2	3241	315	3225	1559	2639	8205
7	"	2	3607	416	3580	1204	2538	8115
8	"	2	3827	541	3785	999	2413	8005
9	"	2	4115	698	4051	733	2256	7870
AVE		18						8241

## USE MATERIALS

	CONCRETE	BAR
BEAM	σck = 30 N/mm <sup>2</sup>	SD345

PROJECT NAME  
DETAILED DESIGN ON  
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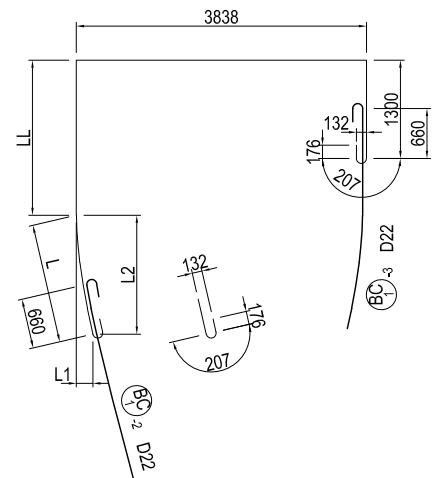
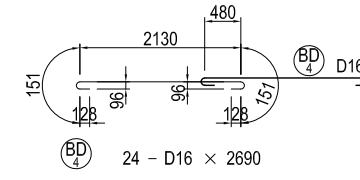
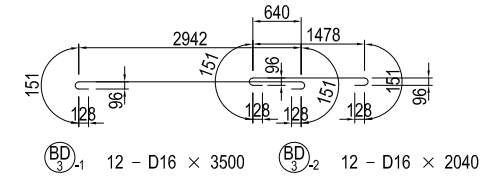
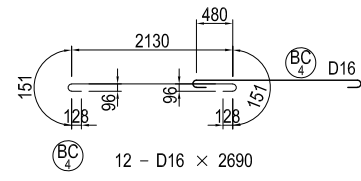
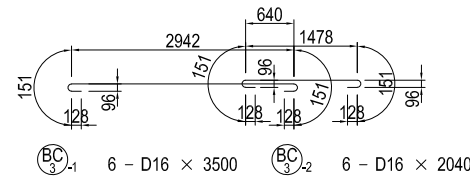
JICA STUDY TEAM  
 NIPPON KOEI CO., LTD.  
ORIENTAL CONSULTANTS GLOBAL CO., LTD.  
METROPOLITAN EXPRESSWAY COMPANY LIMITED  
CHODAI CO., LTD.  
NIPPON ENGINEERING CONSULTANTS CO., LTD.

	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		27 Nov.2017
CHECKED BY	T. HAYAKAWA		28 Nov.2017
APPROVED BY	Y. SANO		29 Nov.2017

DRAWING TITLE  
**BAR ARRANGEMENT OF P14 PIER (7)**

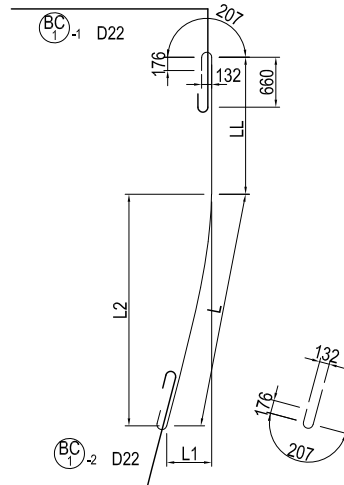
PACKAGE  
2  
DWG No.  
P2-SB-2009

# BAR ARRANGEMENT OF P14 PIER (8) S=1:100 BEAM



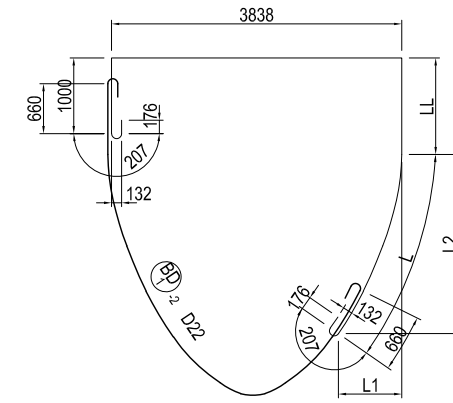
BC1-1 6 - D22 × 9950 (AVE)

MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH L3	LENGTH L4	LENGTH L5	LENGTH L6	TOTAL LENGTH ΣL
BC1-1 1	D22	2	1591	219	1573	2451				9946
2	"	2	1871	304	1837	2177				9952
3	"	2	2008	400	1961	2049				9961
AVE		6								9953



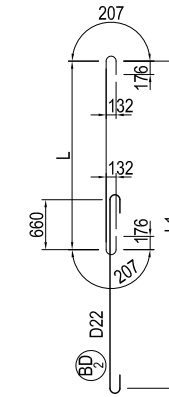
BC1-3 6 - D22 × 5730 (AVE)

MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH L3	LENGTH L4	LENGTH L5	LENGTH L6	TOTAL LENGTH ΣL
BC1-3 1	D22	2	3129	594	3064	1811				5706
2	"	2	3426	761	3327	1537				5729
3	"	2	3591	975	3434	1409				5766
AVE		6								5734



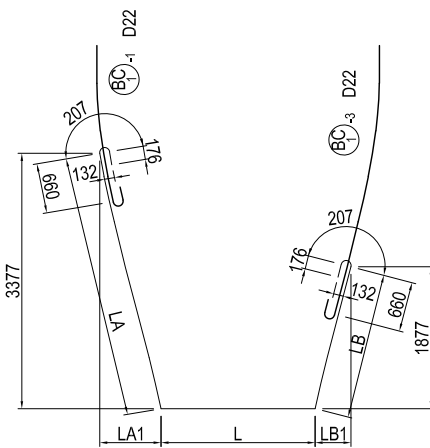
BD1-1 12 - D22 × 9420 (AVE)

MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH L3	LENGTH L4	LENGTH L5	LENGTH L6	TOTAL LENGTH ΣL
BD1-1 1	D22	2	1907	407	1855	1851				9362
2	"	2	2150	524	2071	1623				9377
3	"	2	2289	665	2171	1503				9396
4	"	2	2544	836	2369	1277				9425
5	"	2	2697	1045	2436	1167				9468
6	"	2	2879	1218	2528	1027				9510
AVE		12								9423



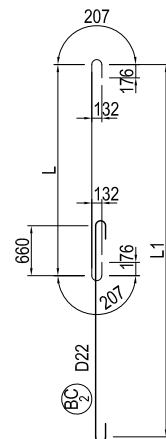
BD2 48 - D22 × 2980 (AVE)

MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	TOTAL LENGTH ΣL
BD2 1	D22	8	2645	4630	3411
2	"	8	2445	4229	3211
3	"	8	2266	3872	3032
4	"	8	2105	3549	2871
5	"	8	1957	3253	2723
6	"	8	1864	3068	2630
AVE		48			2980



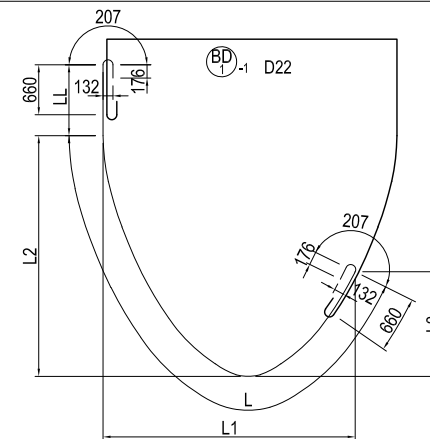
BC1-2 6 - D22 × 7630 (AVE)

MARKS	DIA.	NOS. OF BARS	LENGTH LA	LENGTH LA1	LENGTH LB	LENGTH LB1	LENGTH L	TOTAL LENGTH ΣL
BC1-2 1	D22	2	3474	811	1936	474	2038	8214
2	"	2	3536	1043	1981	760	1465	7748
3	"	2	3791	1621	2209	1120	171	6937
AVE		6						7633



BC2 24 - D22 × 3960 (AVE)

MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	TOTAL LENGTH ΣL
BC2 1	D22	8	3543	6425	4309
2	"	8	3159	5657	3925
3	"	8	2877	5093	3643
AVE		24			3959



BD1-2 12 - D22 × 8250 (AVE)

MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH L3	LENGTH L4	LENGTH L5	LENGTH L6	TOTAL LENGTH ΣL
BD1-2 1	D22	2	8159	3633	4120	2894	1511			10436
2	"	2	7303	3548	3741	2287	1283			9352
3	"	2	6546	3453	3373	1799	1163			8475
4	"	2	5999	3336	3183	1383	937			7702
5	"	2	5399	3189	2925	1015	827			6992
6	"	2	5104	3072	2841	791	687			6557
AVE		12								8252

## USE MATERIALS

	CONCRETE	BAR
BEAM	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	SD345

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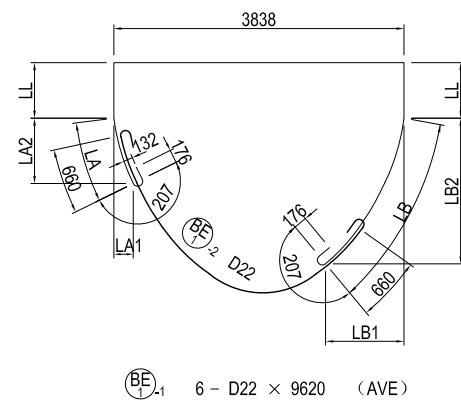
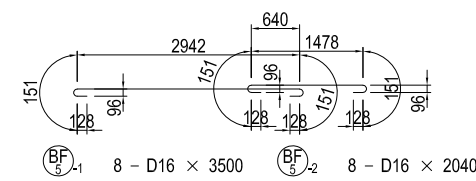
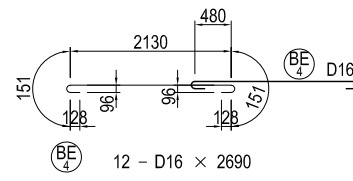
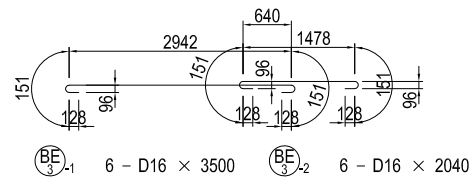
	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		27 Nov.2017
CHECKED BY	T. HAYAKAWA		28 Nov.2017
APPROVED BY	Y. SANO		29 Nov.2017

DRAWING TITLE  
**BAR ARRANGEMENT OF P14 PIER (8)**

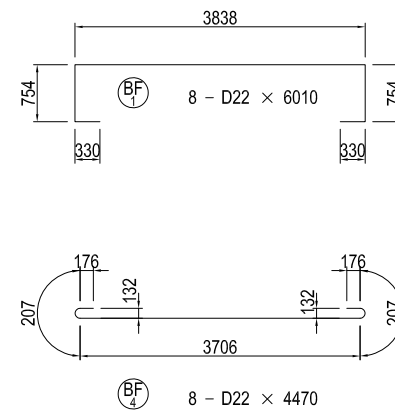
PACKAGE  
2  
DWG No.  
P2-SB-2010



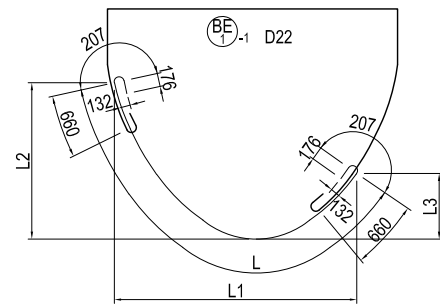
# BAR ARRANGEMENT OF P14 PIER (9) S=1:100 BEAM



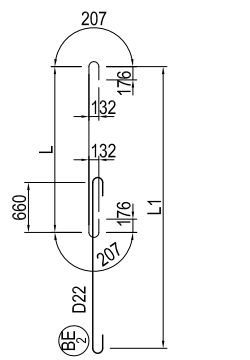
MARKS	DIA.	NOS. OF BARS	LENGTH LA	LENGTH LA1	LENGTH LA2	LENGTH LB	LENGTH LB1	LENGTH LB2	LENGTH LL	TOTAL LENGTH ΣL
BE1-1	D22	2	820	196	793	2475	1141	2129	818	9535
2	"	2	905	257	863	2624	1351	2154	736	9605
3	"	2	970	325	906	2780	1612	2117	679	9712
AVE		6								9617



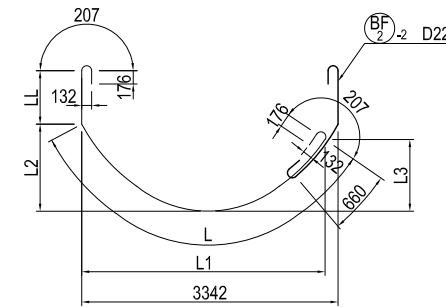
MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	TOTAL LENGTH ΣL
BF3-1	D22	4	1335	2009	2101
2	"	4	1251	1841	2017
3	"	4	1170	1680	1936
4	"	4	1093	1526	1859
AVE		16			1978



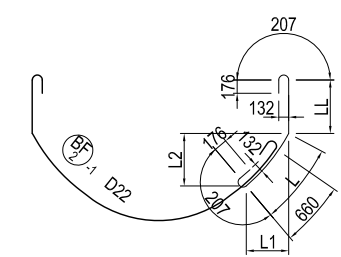
MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH L3	TOTAL LENGTH ΣL
BE1-1	D22	2	4693	3139	2292	792	5459
2	"	2	4230	2959	2069	569	4996
3	"	2	3755	2725	1858	358	4521
AVE		6					4992



MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	TOTAL LENGTH ΣL
BE2-1	D22	8	1611	2561	2377
2	"	8	1514	2368	2280
3	"	8	1423	2185	2189
AVE		24			2282



MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH L3	LENGTH LL	TOTAL LENGTH ΣL
BF2-1	D22	2	4397	3300	1340	1258	1228	6391
2	"	2	4172	3218	1287	1068	1092	6030
3	"	2	3933	3126	1233	887	964	5663
4	"	2	3721	3016	1196	713	829	5316
AVE		8						5850

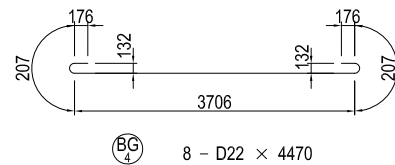
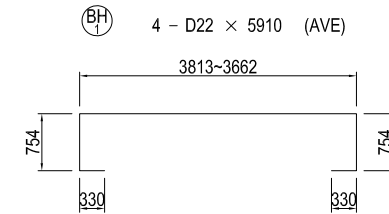
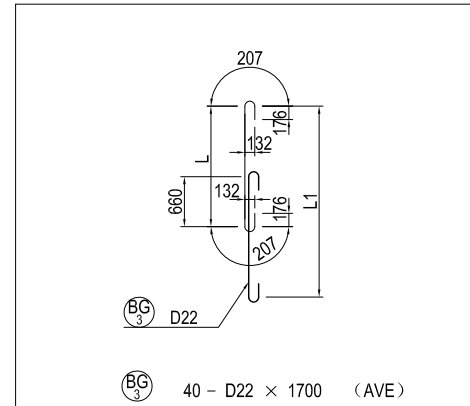
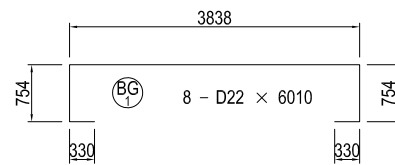
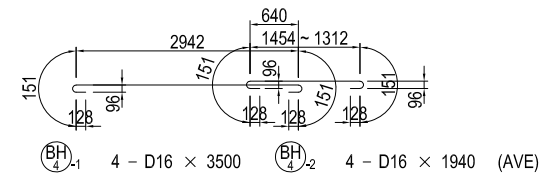
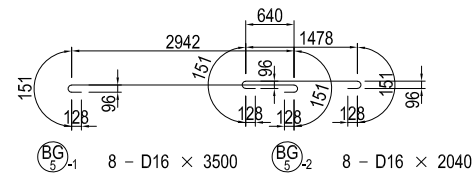


MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH LL	TOTAL LENGTH ΣL
BF2-2	D22	2	753	407	631	1228	2747
2	"	2	912	530	737	1092	2770
3	"	2	1069	665	828	964	2799
4	"	2	1243	821	914	829	2838
AVE		8					2789

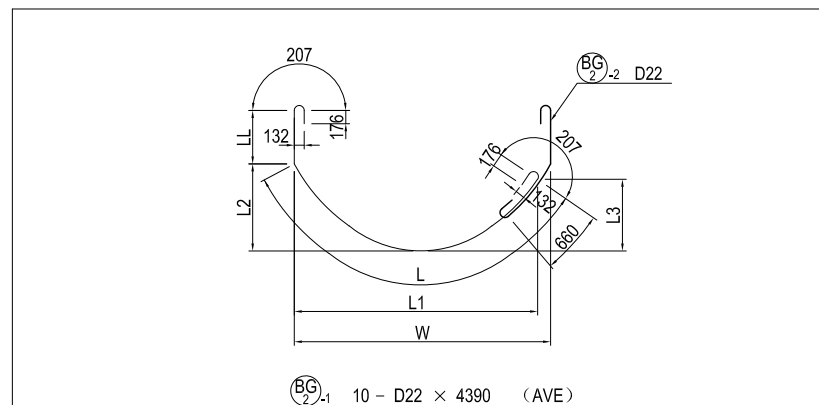
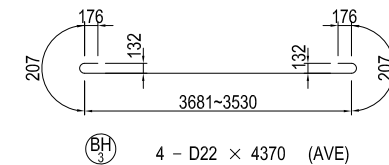
## USE MATERIALS

	CONCRETE	BAR
BEAM	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	SD345

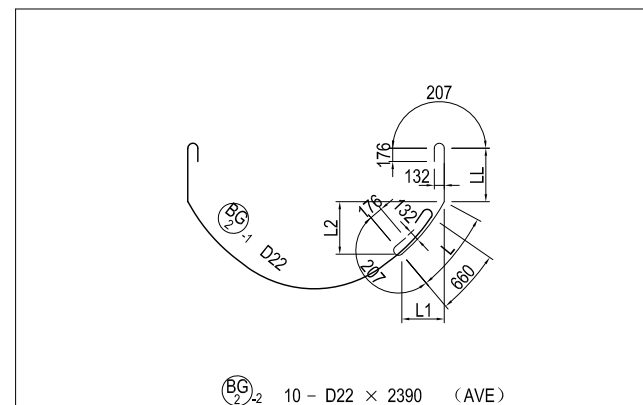
# BAR ARRANGEMENT OF P14 PIER (10) S=1:100 BEAM



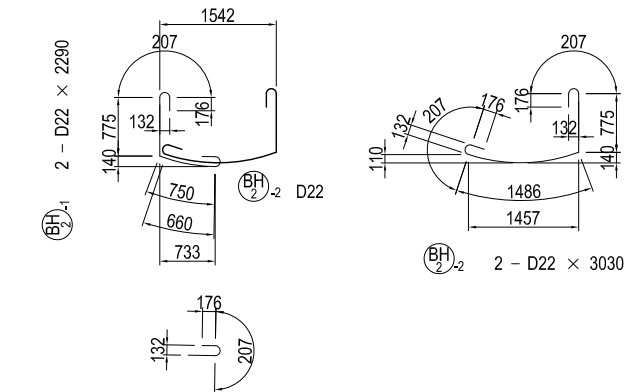
MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	TOTAL LENGTH ΣL
BG3 1	D22	8	1113	1565	1879
2	"	8	1038	1415	1804
3	"	8	869	1077	1635
4	"	8	866	1071	1632
5	"	8	787	914	1553
AVE		40			1701



MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH L3	LENGTH W	LENGTH LL	TOTAL LENGTH ΣL
BG2-1 1	D22	2	4015	3220	1151	948	3342	707	5488
2	"	2	3528	2977	876	789	3042	824	5118
3	"	2	2594	2371	491	432	2442	852	4212
4	"	2	2227	2077	369	321	2142	863	3856
5	"	2	1715	1639	271	159	1842	799	3280
AVE		10							4391



MARKS	DIA.	NOS. OF BARS	LENGTH L	LENGTH L1	LENGTH L2	LENGTH LL	TOTAL LENGTH ΣL
BG2-2 1	D22	2	898	561	694	707	2371
2	"	2	769	545	536	824	2359
3	"	2	752	645	379	852	2370
4	"	2	740	662	320	863	2369
5	"	2	892	840	269	799	2457
AVE		10					2385



### USE MATERIALS

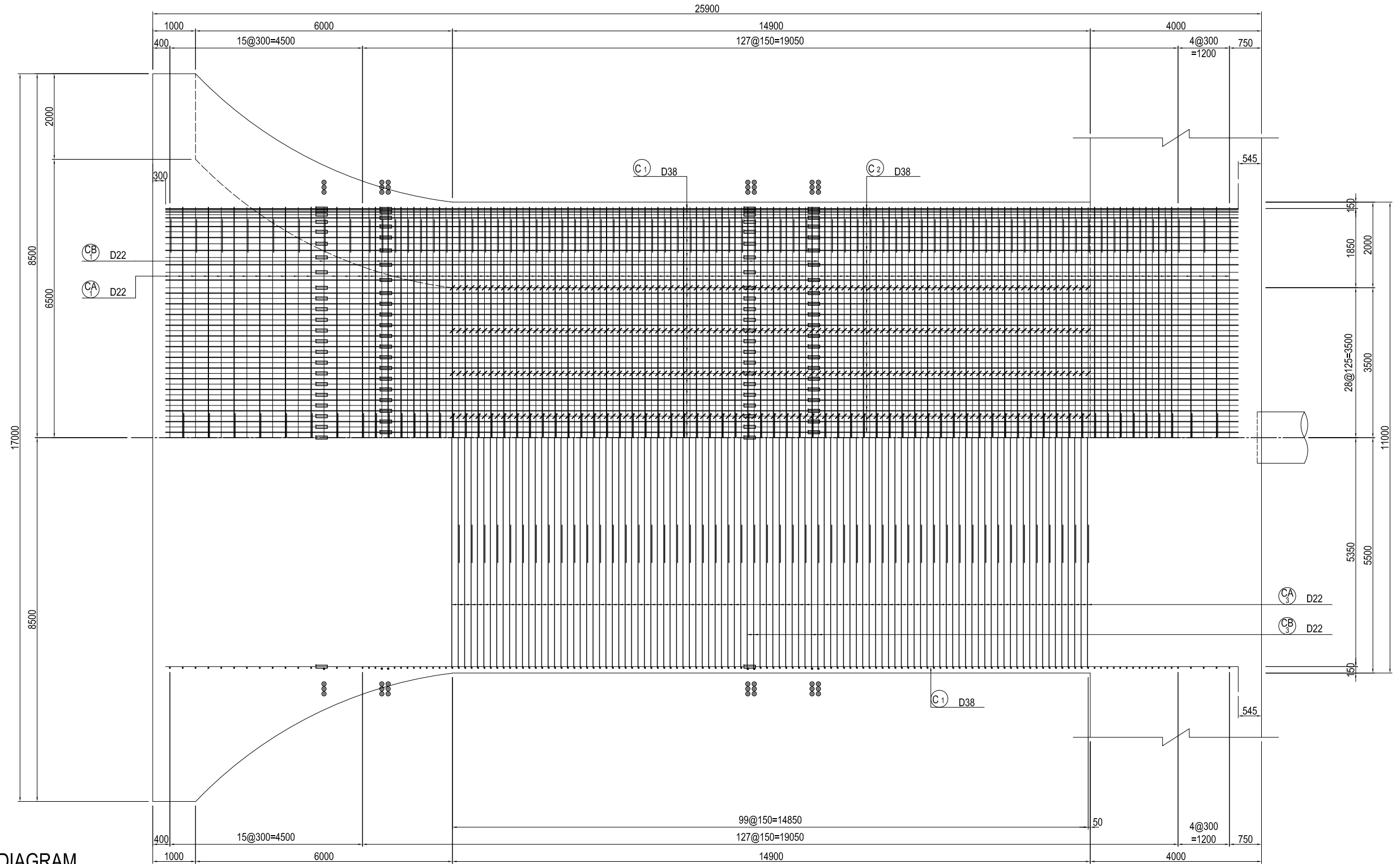
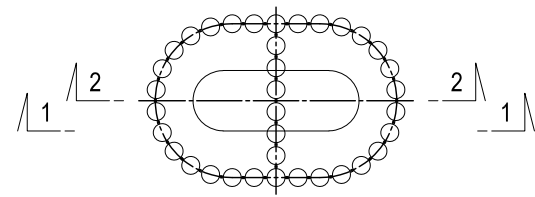
	CONCRETE	BAR
BEAM	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	SD345

# BAR ARRANGEMENT OF P14 PIER (11) S=1:100 COLUMN

FRONT ELEVATION  
1-1

SECTION  
2-2

MARKING DIAGRAM



Notes) 1. : This mark indicates hoop arranged in the location of mechanical joint.  
2. : This mark indicates a mechanical joint.

### USE MATERIALS

COLUMN	CONCRETE	BAR	
	σ <sub>ck</sub> = 30 N/mm <sup>2</sup>	MAIN BAR	SD390
	OTHERS	SD345	

PROJECT NAME  
DETAILED DESIGN ON  
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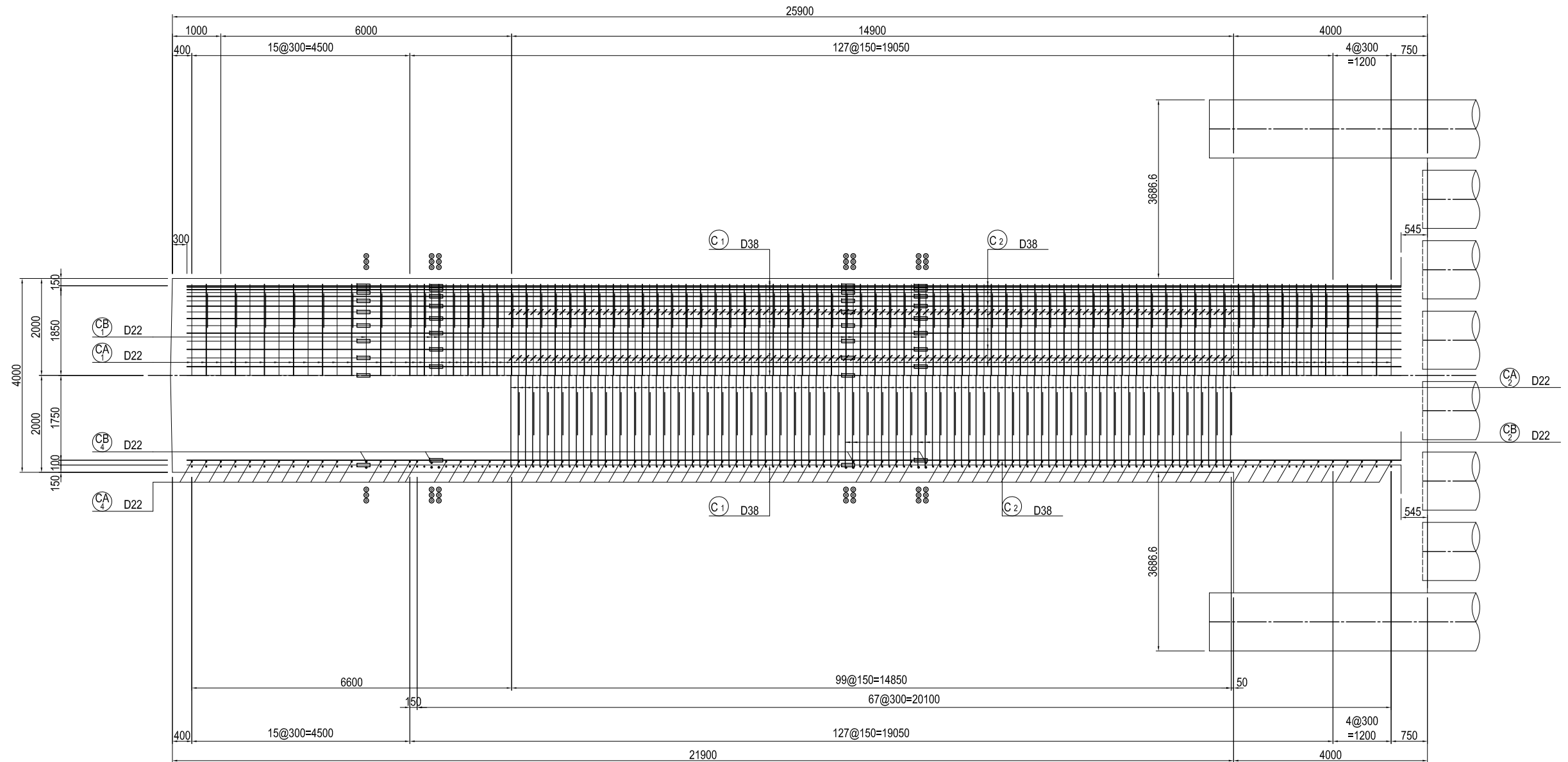
	NAME	SIGNATURE	DATE
PREPARED BY	S. IMADA		27 Nov.2017
CHECKED BY	T. HAYAKAWA		28 Nov.2017
APPROVED BY	Y. SANO		29 Nov.2017

DRAWING TITLE  
BAR ARRANGEMENT OF P14 PIER (11)

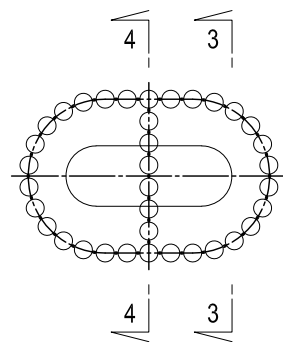
PACKAGE  
2  
DWG No.  
P2-SB-2013

# BAR ARRANGEMENT OF P14 PIER (12) S=1:100 COLUMN

SECTION SIDE ELEVATION  
4-4 3-3



MARKING DIAGRAM



Notes) 1. : This mark indicates hoop arranged in the location of mechanical joint.  
2. : This mark indicates a mechanical joint.

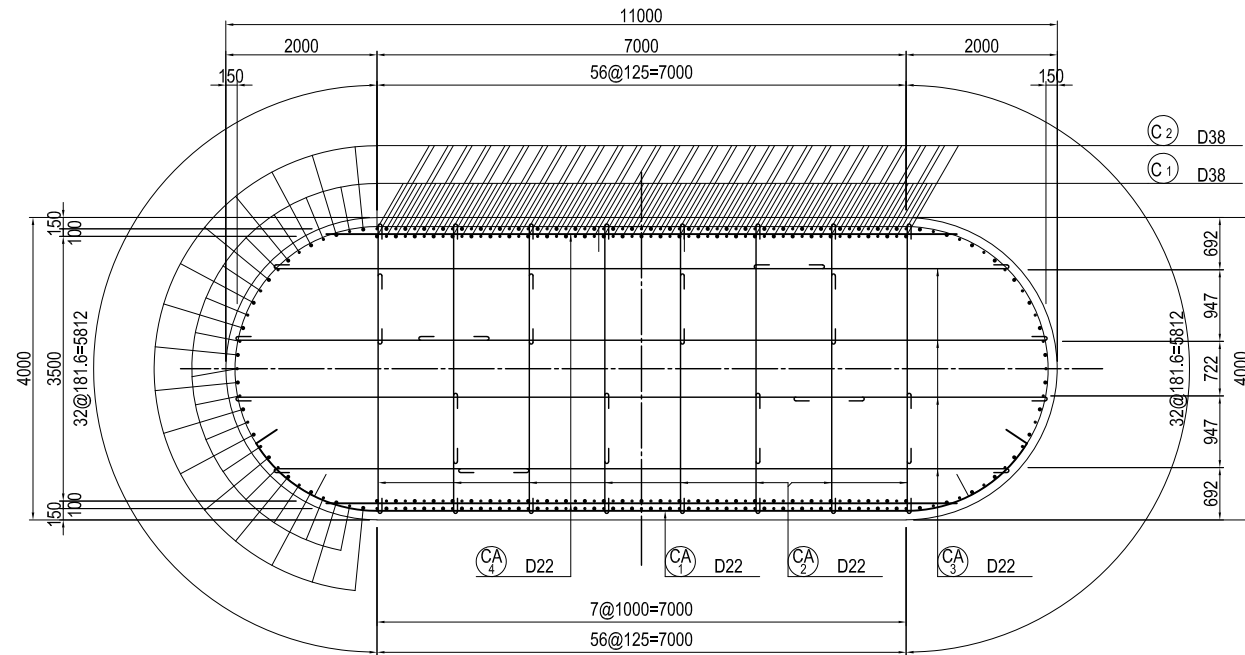
### USE MATERIALS

COLUMN	CONCRETE $\sigma_{ck} = 30 \text{ N/mm}^2$	BAR	
		MAIN BAR	OTHERS
		SD390	SD345

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 <b>BAR ARRANGEMENT OF P14 PIER (12)</b>	PACKAGE	
				PREPARED BY	S. IMADA			27 Nov.2017	2
				CHECKED BY	T. HAYAKAWA			28 Nov.2017	DWG No.
				APPROVED BY	Y. SANO			29 Nov.2017	P2-SB-2014

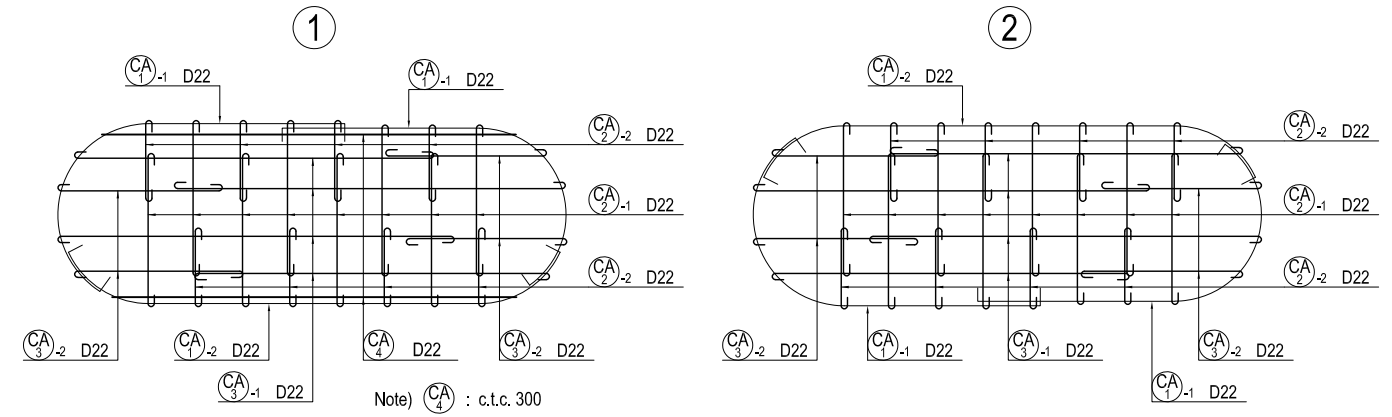
# BAR ARRANGEMENT OF P14 PIER (13) S=1:100 COLUMN

**PLAN  
5-5**

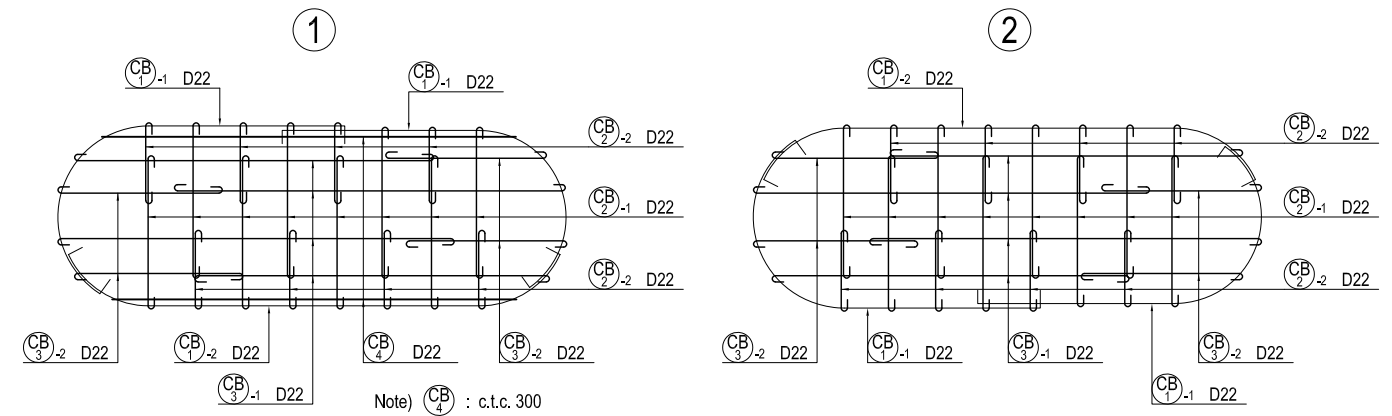


**ASSEMBLY DRAWING OF HOOP  
(c.t.c. 150)**

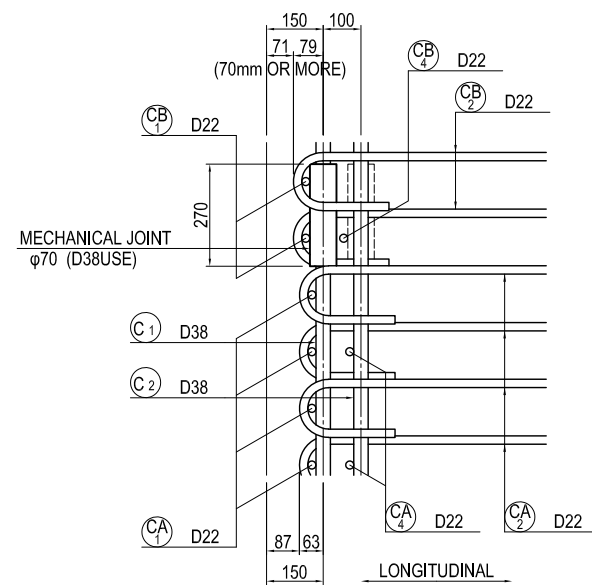
【STANDARD PART】



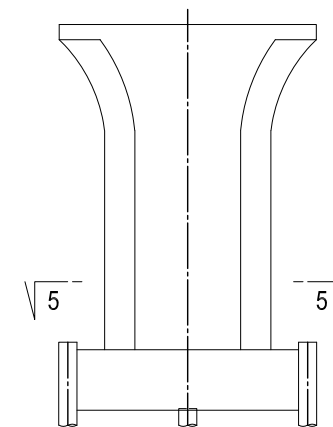
【MECHANICAL JOINT PART】



**DETAIL OF COLUMN S=1:20**



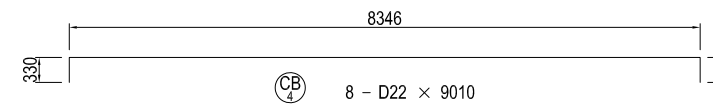
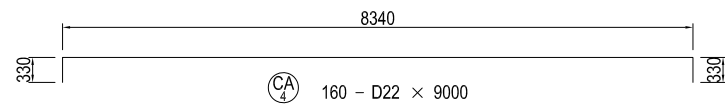
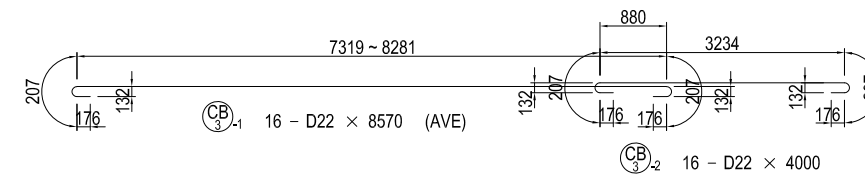
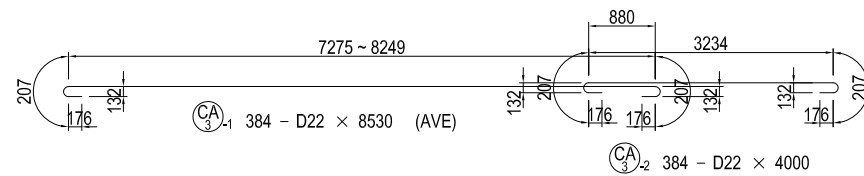
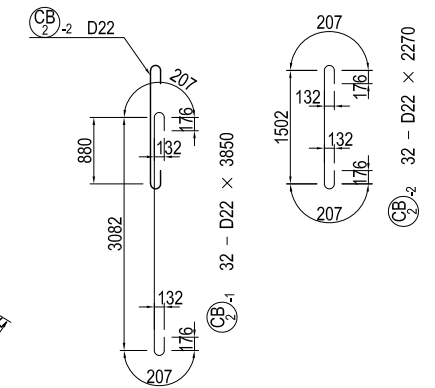
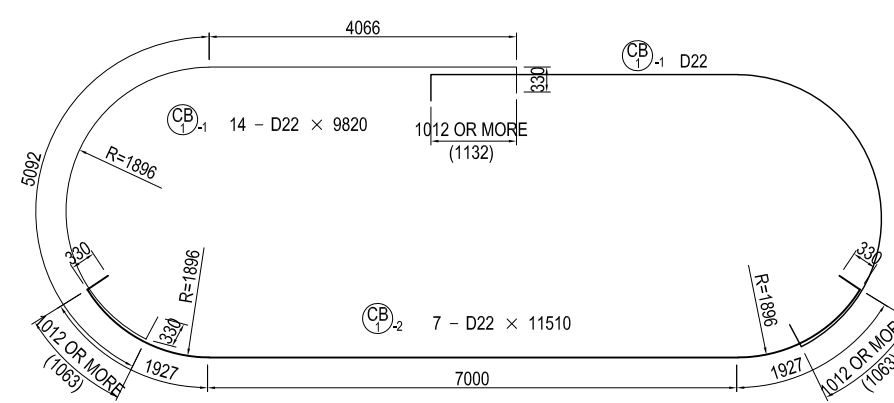
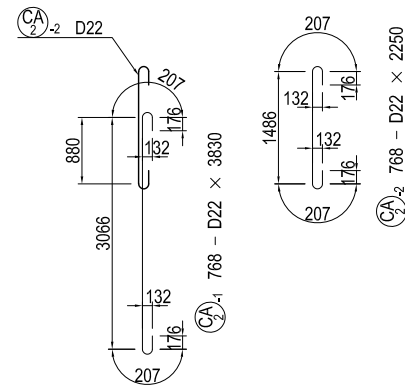
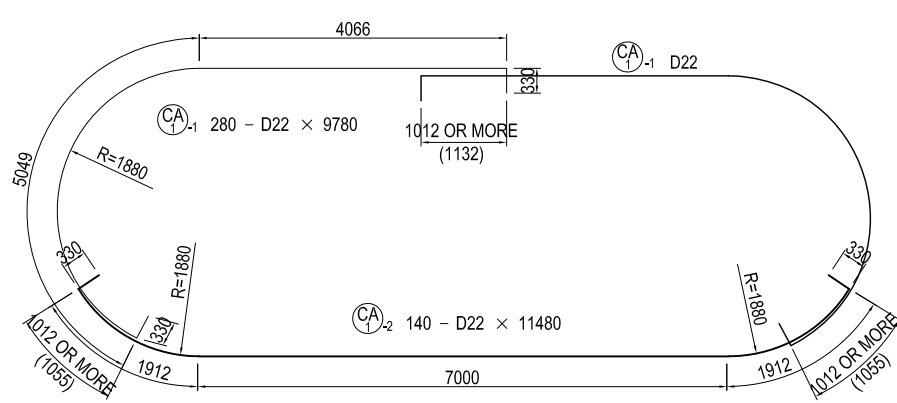
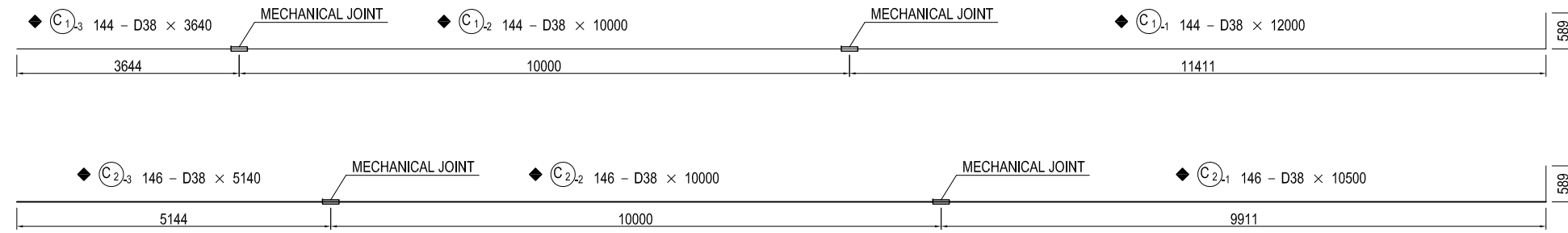
**MARKING DIAGRAM**



**USE MATERIALS**

COLUMN	CONCRETE	BAR		
	$\sigma_{ck} = 30 \text{ N/mm}^2$	MAIN BAR	SD390	OTHERS

# BAR ARRANGEMENT OF P14 PIER (14) S=1:100 COLUMN



### LAP LENGTH LIST OF HOOP

DIA.	R	LAP LENGTH (40φ)	L
D13	39	520	598
D16	48	640	736
D19	57	760	874
D22	66	880	1012
D25	75	1000	1150
D29	87	1160	1334
D32	96	1280	1472

- Notes) 1.  $\blacklozenge$  : SD390  
 2.  $\text{---}$  : MECHANICAL JOINT

### USE MATERIALS

COLUMN	CONCRETE $\sigma_{ck} = 30 \text{ N/mm}^2$	BAR	
		MAIN BAR	OTHERS
		SD390	SD345

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 BAR ARRANGEMENT OF P14 PIER (14)	PACKAGE	
				PREPARED BY	S. IMADA			27 Nov.2017	2
				CHECKED BY	T. HAYAKAWA			28 Nov.2017	DWG No.
				APPROVED BY	Y. SANO			29 Nov.2017	P2-SB-2016

# BAR ARRANGEMENT OF P14 PIER (15) NOT TO SCALE

**BAR SCHEDULE (SD390)**

MARKS	DIA.	LENGTH (mm)	NOS. OF BARS	UNIT WEIGHT (kg/m)	WEIGHT/EA. (kg)	WEIGHT (kg)	REMARKS
C 1-1	D38	12000	144	8.95	107.40	15466	└─ (144)
1-2	"	10000	144	"	89.50	12888	└─ (144)
1-3	"	3640	144	"	32.58	4692	└─
2-1	"	10500	146	"	93.98	13721	└─ (146)
2-2	"	10000	146	"	89.50	13067	└─ (146)
2-3	"	5140	146	"	46.00	6716	└─
SUBTOTAL						66550 kg	
(MECHANICAL JOINT)							
SD390				D38		66550 kg (580)	
TOTAL				66550 kg		(580)	

**BAR SCHEDULE (SD345)**

MARKS	DIA.	LENGTH (mm)	NOS. OF BARS	UNIT WEIGHT (kg/m)	WEIGHT/EA. (kg)	WEIGHT (kg)	REMARKS
B 1-1	D32	11000	19	6.23	68.53	1302	└─
1-2	"	8000	19	"	49.84	947	└─
2-1	"	11500	4	"	71.65	287	└─
2-2	"	7470	4	"	46.54	186	└─ (AVE)
3-1	"	12000	2	"	74.76	150	└─
3-2	"	6500	2	"	40.50	81	└─
4-1	"	11500	6	"	71.65	430	└─
4-2	"	7000	6	"	43.61	262	└─
5-1	"	8920	4	"	55.57	222	└─
5-2	"	9500	4	"	59.19	237	└─
6-1	"	9000	2	"	56.07	112	└─
6-2	"	9500	2	"	59.19	118	└─
7-1	"	6000	2	"	37.38	75	└─
7-2	"	12000	2	"	74.76	150	└─
8-1	"	12000	7	"	74.76	523	└─
8-2	"	7000	7	"	43.61	305	└─
9	"	9500	6	"	59.19	355	└─
10-1	"	7000	2	"	43.61	87	"
10-2	"	12000	2	"	74.76	150	└─
11-1	"	12000	2	"	74.76	150	└─
11-2	"	6000	2	"	37.38	75	└─
12-1	"	10740	8	"	66.91	535	└─ (AVE)
12-2	"	6500	8	"	40.50	324	└─
12-3	"	8920	8	"	55.57	445	└─ (AVE)
13-1	"	11460	4	"	71.40	286	└─ (AVE)
13-2	"	6500	4	"	40.50	162	└─
13-3	"	9640	4	"	60.06	240	└─ (AVE)
14-1	"	11500	2	"	71.65	143	└─
14-2	"	11000	2	"	68.53	137	└─
15-1	D22	11500	6	3.04	34.96	210	└─
15-2	"	11500	6	"	34.96	210	└─
16-1	"	9300	12	"	28.27	339	└─ (AVE)
16-2	"	10640	12	"	32.35	388	└─ (AVE)
17-1	"	10400	13	"	31.62	411	└─ (AVE)
17-2	"	10940	26	"	33.26	865	└─ (AVE)
18-1	"	8500	1	"	25.84	26	└─
18-2	"	9500	1	"	28.88	29	└─
18-3	"	12000	1	"	36.48	36	└─
SUBTOTAL						10990 kg	
BA 1-1	D22	8570	49	3.04	26.05	1276	└─
1-2	"	10870	49	"	33.04	1619	└─
2-1	"	7000	49	"	21.28	1043	└─
2-2	"	10660	49	"	32.41	1588	└─
3	"	4470	49	"	13.59	666	└─
4-1	D16	3500	49	1.56	5.46	268	└─
4-2	"	2040	49	"	3.18	156	"
5	"	2690	98	"	4.20	412	"
SUBTOTAL						7028 kg	

MARKS	DIA.	LENGTH (mm)	NOS. OF BARS	UNIT WEIGHT (kg/m)	WEIGHT/EA. (kg)	WEIGHT (kg)	REMARKS
BB 1-1	D22	8540	18	3.04	25.96	467	└─
1-2	"	8160	18	"	24.81	447	└─ (AVE)
1-3	"	8240	18	"	25.05	451	└─ (AVE)
2-1	"	10660	18	"	32.41	583	└─
2-2	"	7000	18	"	21.28	383	└─
3-1	D16	3500	18	1.56	5.46	98	└─
3-2	"	2040	18	"	3.18	57	"
4	"	2690	36	"	4.20	151	"
SUBTOTAL						2637 kg	
BC 1-1	D22	9950	6	3.04	30.25	182	└─ (AVE)
1-2	"	7630	6	"	23.20	139	└─ (AVE)
1-3	"	5730	6	"	17.42	105	└─ (AVE)
2	"	3960	24	"	12.04	289	└─ (AVE)
3-1	D16	3500	6	1.56	5.46	33	└─
3-2	"	2040	6	"	3.18	19	"
4	"	2690	12	"	4.20	50	"
SUBTOTAL						817 kg	
BD 1-1	D22	9420	12	3.04	28.64	344	└─ (AVE)
1-2	"	8250	12	"	25.08	301	└─ (AVE)
2	"	2980	48	"	9.06	435	└─ (AVE)
3-1	D16	3500	12	1.56	5.46	66	└─
3-2	"	2040	12	"	3.18	38	"
4	"	2690	24	"	4.20	101	"
SUBTOTAL						1285 kg	
BE 1-1	D22	9620	6	3.04	29.24	175	└─ (AVE)
1-2	"	4990	6	"	15.17	91	└─ (AVE)
2	"	2280	24	"	6.93	166	└─ (AVE)
3-1	D16	3500	6	1.56	5.46	33	└─
3-2	"	2040	6	"	3.18	19	"
4	"	2690	12	"	4.20	50	"
SUBTOTAL						534 kg	
BF 1	D22	6010	8	3.04	18.27	146	└─
2-1	"	5850	8	"	17.78	142	└─ (AVE)
2-2	"	2790	8	"	8.48	68	└─ (AVE)
3	"	1980	16	"	6.02	96	└─ (AVE)
4	"	4470	8	"	13.59	109	└─
5-1	D16	3500	8	1.56	5.46	44	└─
5-2	"	2040	8	"	3.18	25	"
SUBTOTAL						630 kg	
BG 1	D22	6010	8	3.04	18.27	146	└─
2-1	"	4390	10	"	13.35	134	└─ (AVE)
2-2	"	2390	10	"	7.27	73	└─ (AVE)
3	"	1700	40	"	5.17	207	└─ (AVE)
4	"	4470	8	"	13.59	109	└─
5-1	D16	3500	8	1.56	5.46	44	└─
5-2	"	2040	8	"	3.18	25	"
SUBTOTAL						738 kg	

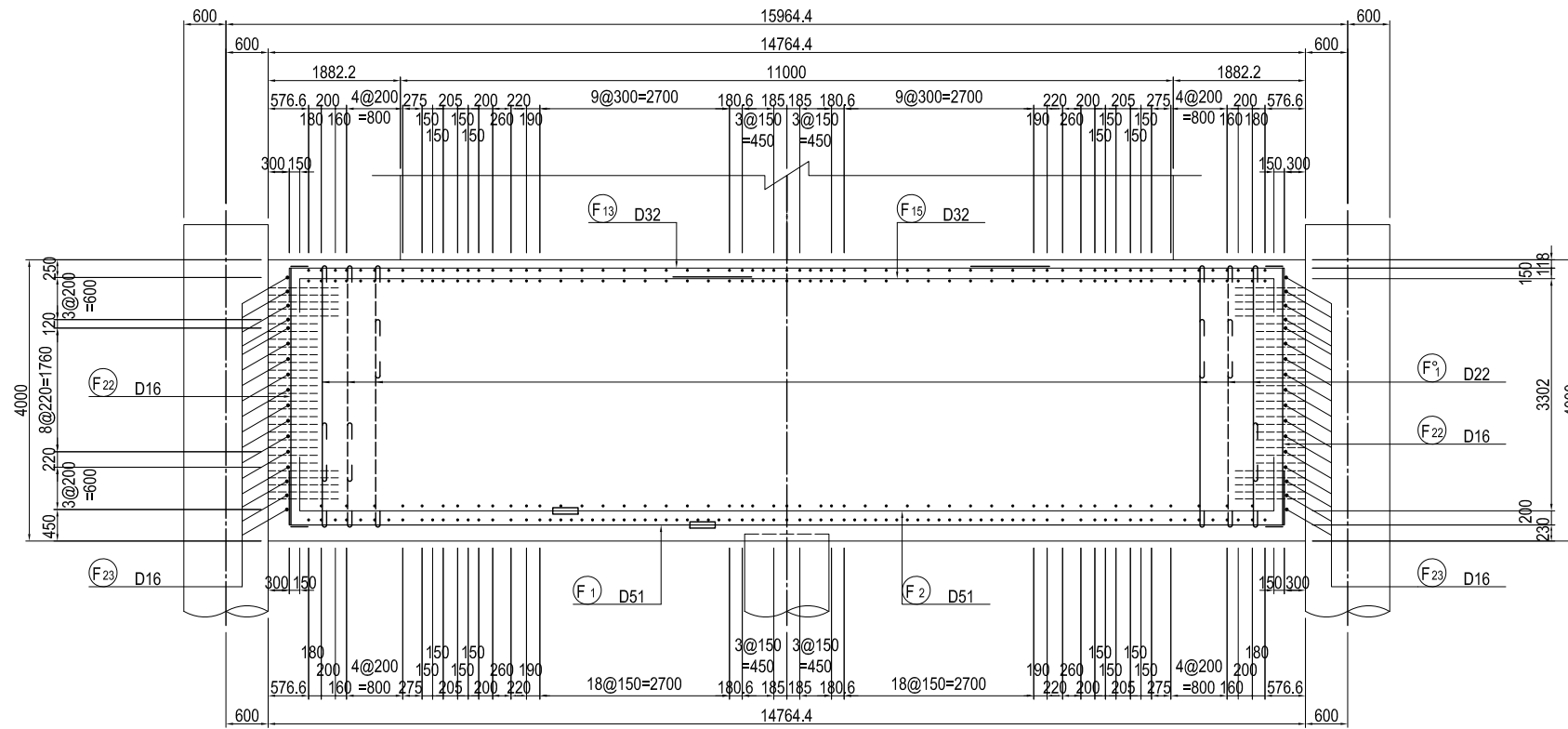
MARKS	DIA.	LENGTH (mm)	NOS. OF BARS	UNIT WEIGHT (kg/m)	WEIGHT/EA. (kg)	WEIGHT (kg)	REMARKS
BH 1	D22	5910	4	3.04	17.97	72	└─ (AVE)
2-1	"	2290	2	"	6.96	14	└─
2-2	"	3030	2	"	9.21	18	└─
3	"	4370	4	"	13.28	53	└─ (AVE)
4-1	D16	3500	4	1.56	5.46	22	└─
4-2	"	1940	4	"	3.03	12	" (AVE)
SUBTOTAL						191 kg	
H 1	D16	2960	68	1.56	4.62	314	└─
2	"	3160	60	"	4.93	296	"
3	"	8290	4	"	12.93	52	└─
SUBTOTAL						662 kg	
CA 1-1	D22	9780	280	3.04	29.73	8324	└─
1-2	"	11480	140	"	34.90	4886	└─
2-1	"	3830	768	"	11.64	8940	└─
2-2	"	2250	768	"	6.84	5253	"
3-1	"	8530	384	"	25.93	9957	└─ (AVE)
3-2	"	4000	384	"	12.16	4669	"
4	"	9000	160	"	27.36	4378	└─
SUBTOTAL						46407 kg	
CB 1-1	D22	9820	14	3.04	29.85	418	└─
1-2	"	11510	7	"	34.99	245	└─
2-1	"	3850	32	"	11.70	374	└─
2-2	"	2270	32	"	6.90	221	"
3-1	"	8570	16	"	26.05	417	└─ (AVE)
3-2	"	4000	16	"	12.16	195	"
4	"	9010	8	"	27.39	219	└─
SUBTOTAL						2089 kg	
SD345				D32		8476 kg	
				D22		63147 "	
				D16		2385 "	
TOTAL						74008 kg	

**USE MATERIALS**

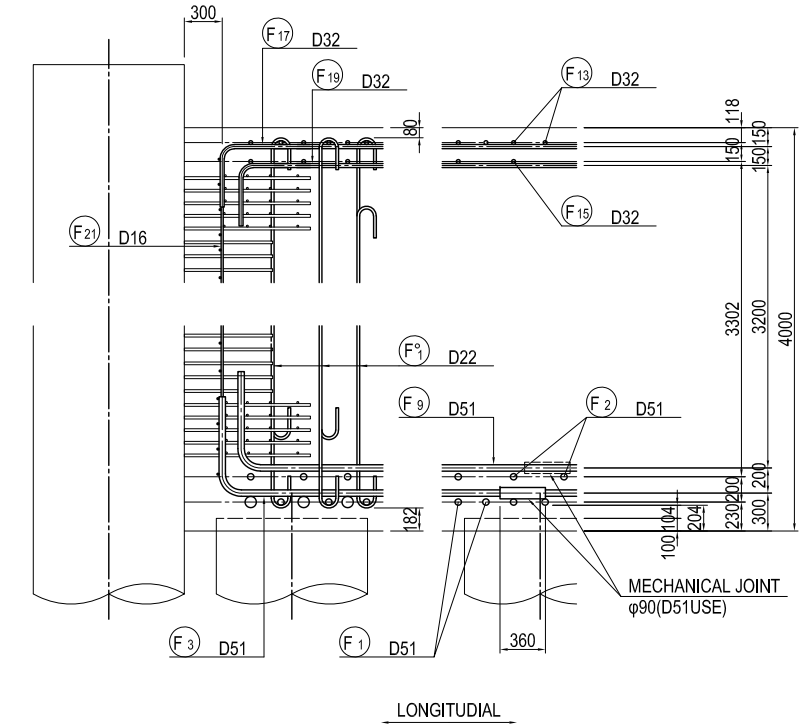
COLUMN	CONCRETE σck = 30 N/mm <sup>2</sup>	BAR	
		MAIN BAR	OTHERS
		SD390	SD345

# BAR ARRANGEMENT OF P14 FOOTING (1) S=1:100

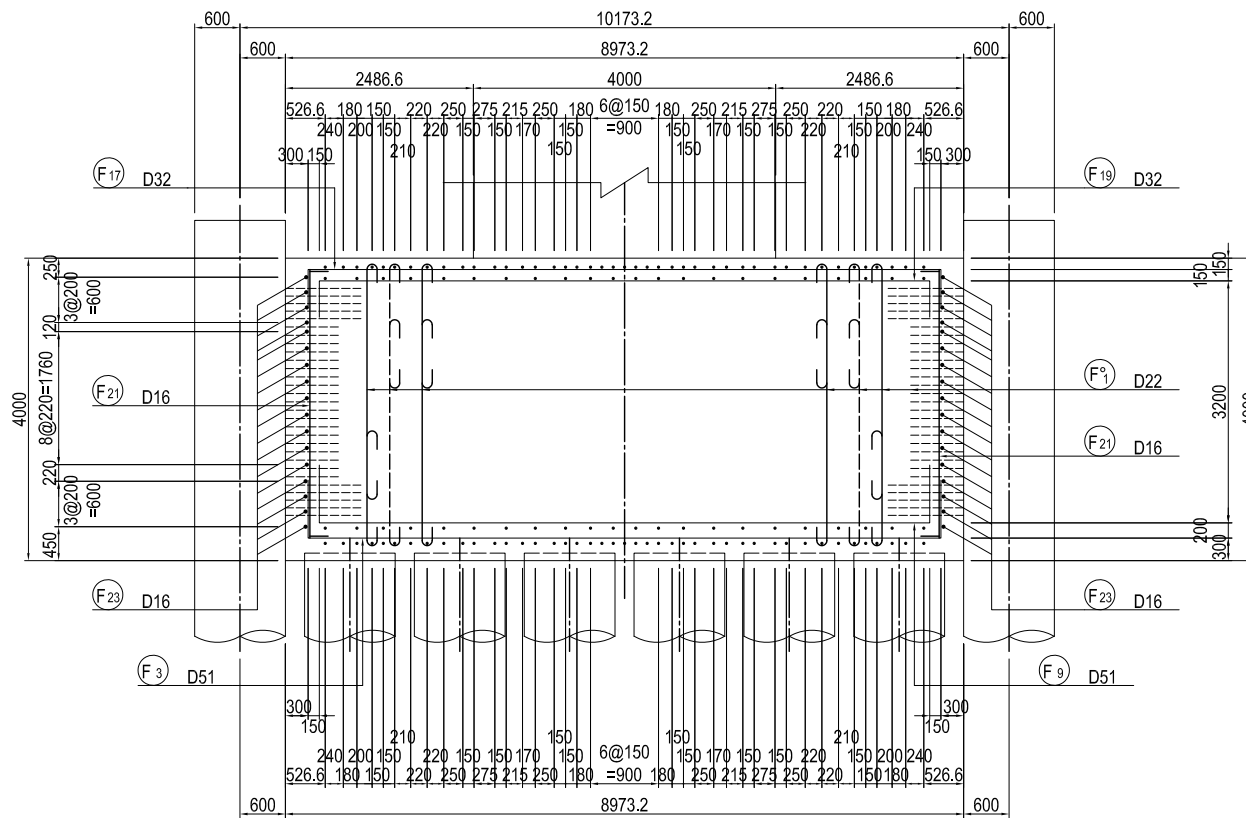
## SECTION 1-1



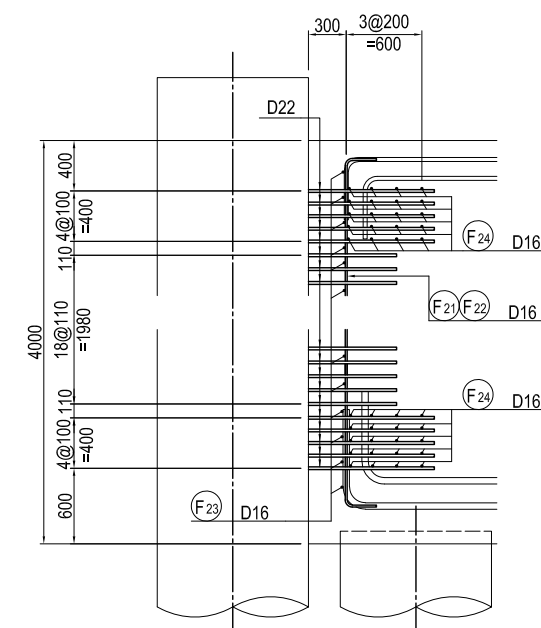
## DETAIL OF PILE CAP S=1:60



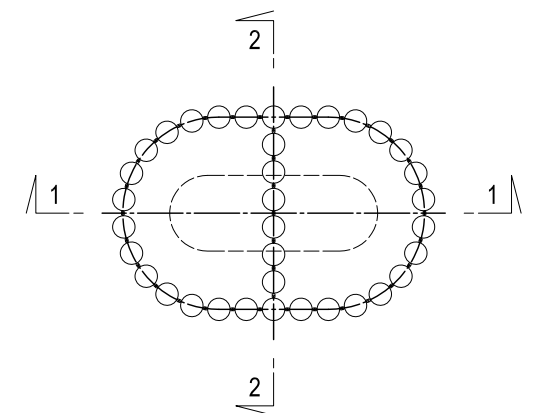
## SECTION 2-2



## DETAIL OF CONNECTION BETWEEN STEEL PIPE SHEET PILE AND FOOTING S=1:60



## MARKING DIAGRAM



Note) : MECHANICAL JOINT

## USE MATERIALS

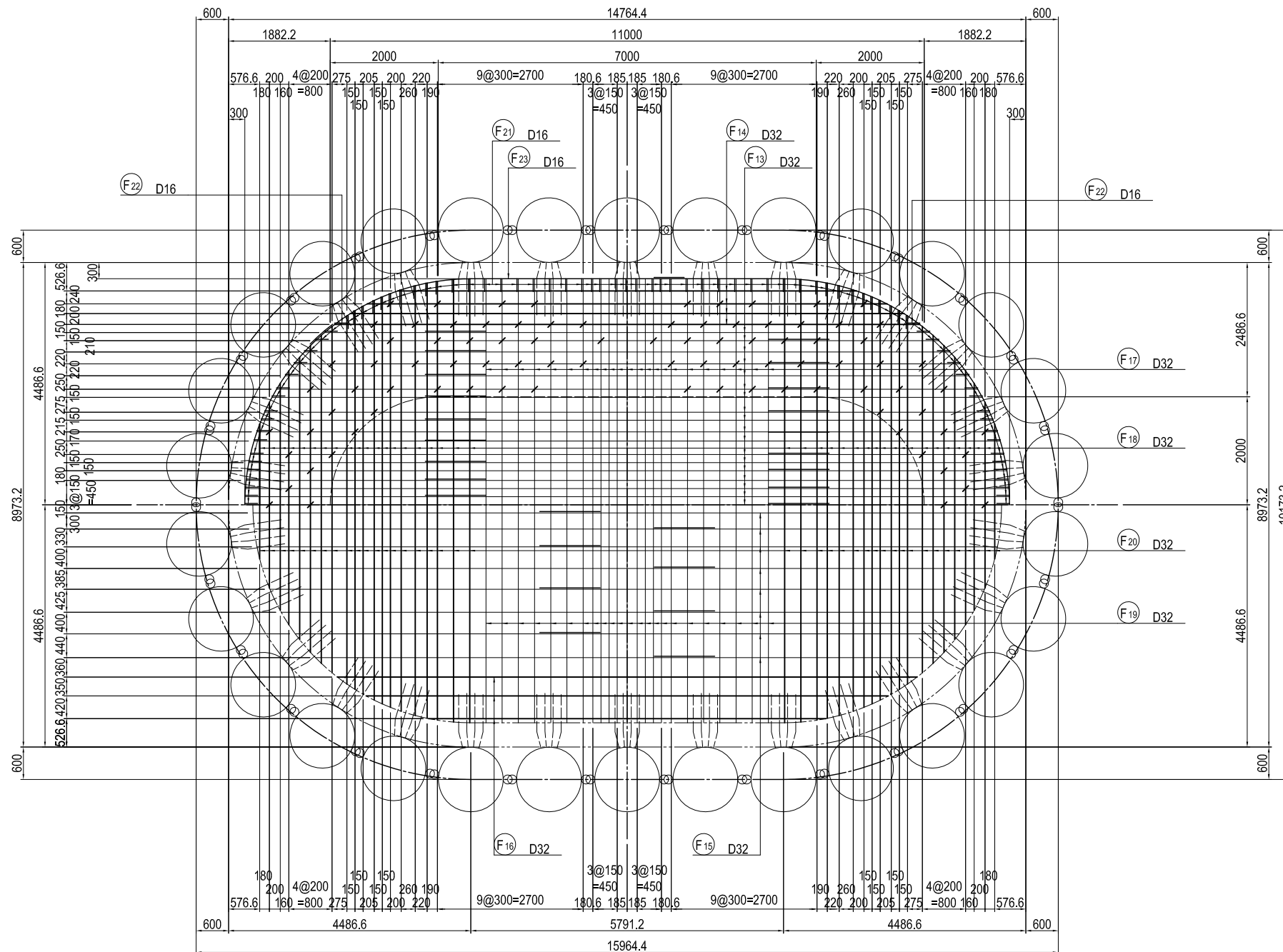
	CONCRETE	BAR
FOOTING	σ <sub>ck</sub> = 24 N/mm <sup>2</sup>	SD345



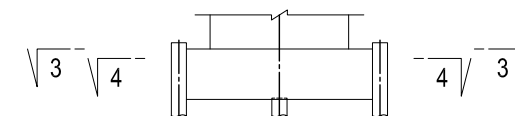
# BAR ARRANGEMENT OF P14 FOOTING (2) S=1:100

PLAN  
3-3

PLAN  
4-4



MARKING DIAGRAM

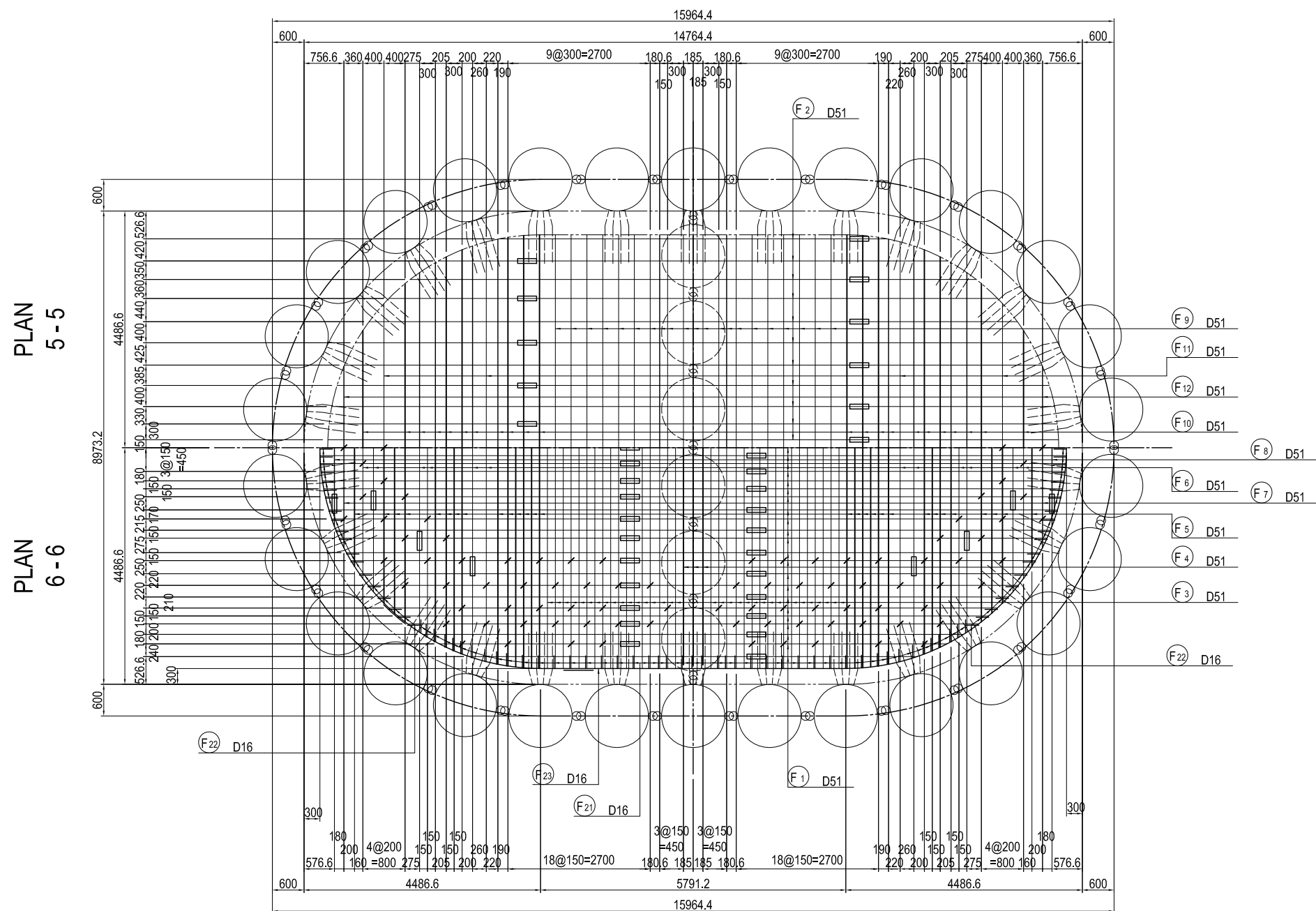


### USE MATERIALS

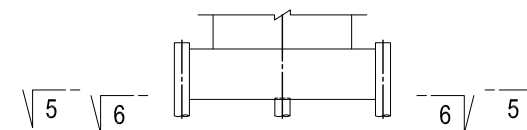
	CONCRETE	BAR
FOOTING	$\sigma_{ck} = 24 \text{ N/mm}^2$	SD345

<small>PROJECT NAME</small> DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	<small>FINANCED BY</small> JAPAN INTERNATIONAL COOPERATION AGENCY	<small>COUNTERPART</small> REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	<small>JICA STUDY TEAM</small> NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>27 Nov.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>28 Nov.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>29 Nov.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		27 Nov.2017	CHECKED BY	T. HAYAKAWA		28 Nov.2017	APPROVED BY	Y. SANO		29 Nov.2017	<small>DRAWING TITLE</small> BAR ARRANGEMENT OF P14 FOOTING (2)	<small>PACKAGE</small> 2 DWG No. P2-SB-2019
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		27 Nov.2017																			
CHECKED BY	T. HAYAKAWA		28 Nov.2017																			
APPROVED BY	Y. SANO		29 Nov.2017																			

# BAR ARRANGEMENT OF P14 FOOTING (3) S=1:100



MARKING DIAGRAM



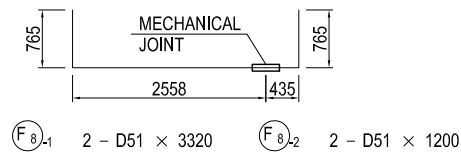
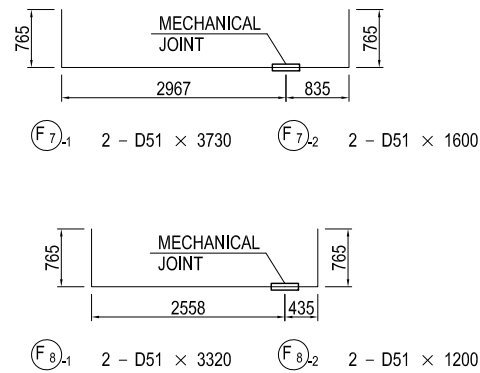
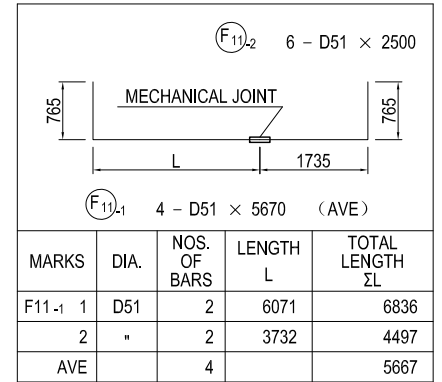
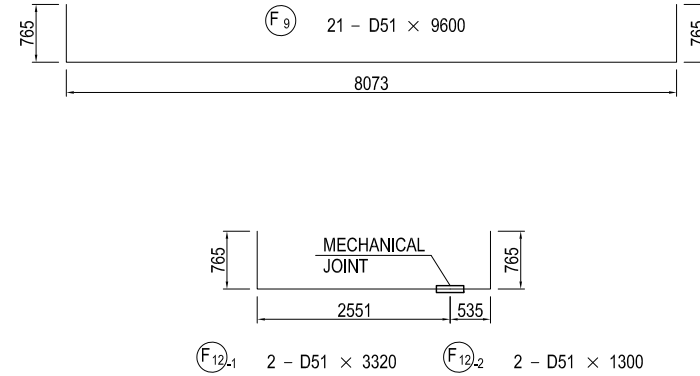
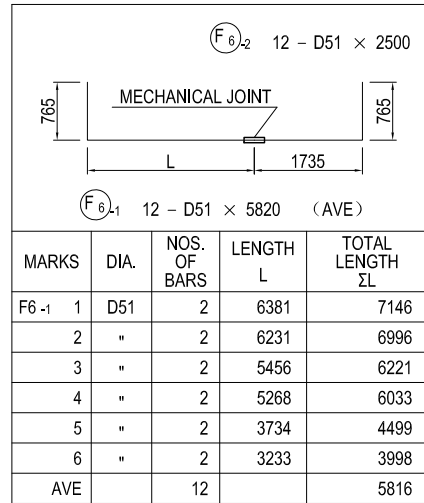
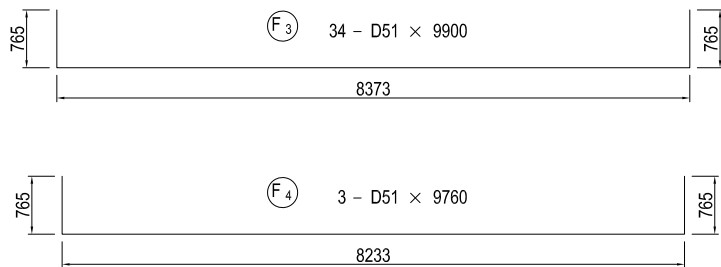
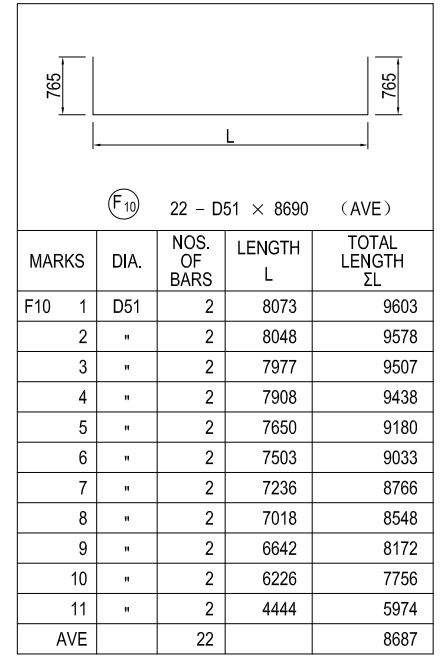
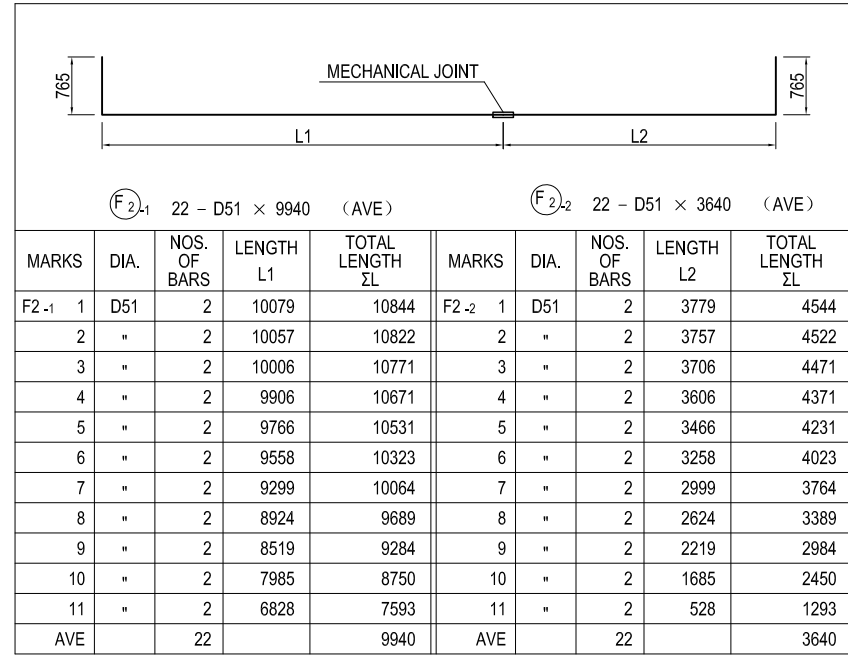
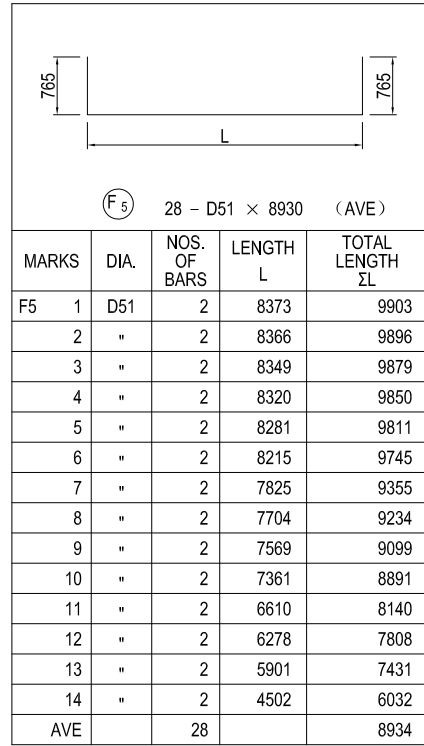
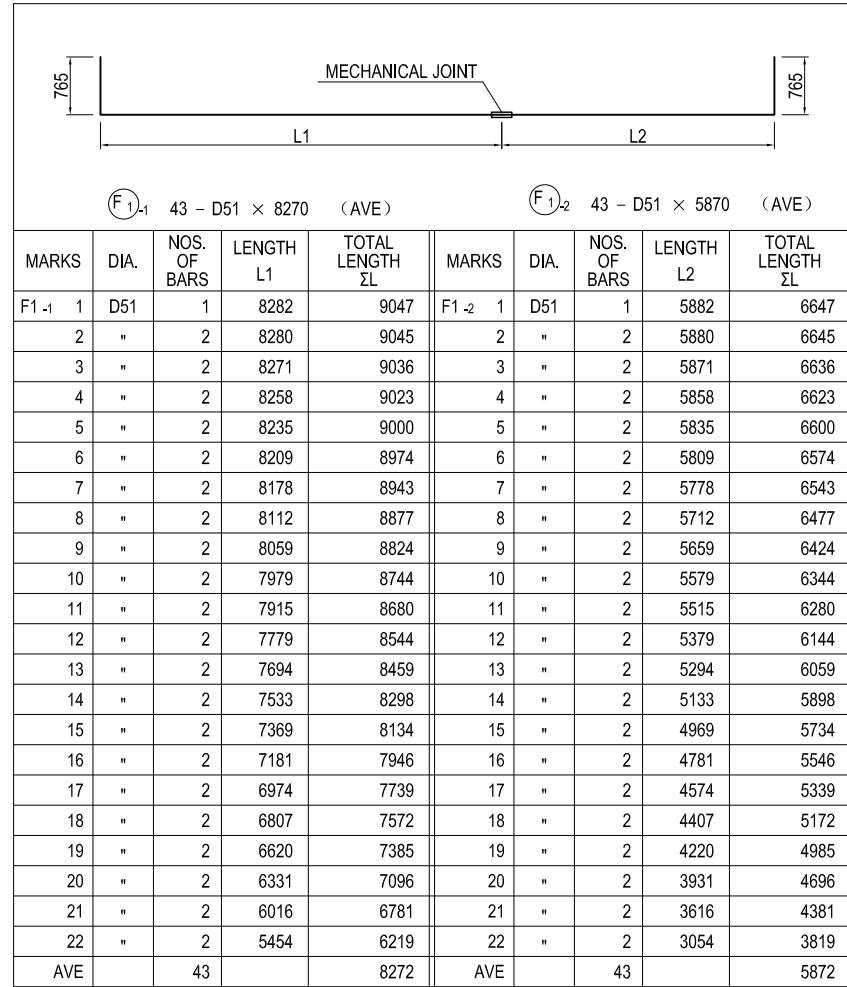
### USE MATERIALS

	CONCRETE	BAR
FOOTING	$\sigma_{ck} = 24 \text{ N/mm}^2$	SD345

Note) : MECHANICAL JOINT

<small>PROJECT NAME</small> DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	<small>FINANCED BY</small> JAPAN INTERNATIONAL COOPERATION AGENCY	<small>COUNTERPART</small> REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	<small>JICA STUDY TEAM</small> NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>NAME</th> <th>SIGNATURE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>PREPARED BY</td> <td>S. IMADA</td> <td></td> <td>27 Nov.2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td></td> <td>28 Nov.2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td></td> <td>29 Nov.2017</td> </tr> </tbody> </table>		NAME	SIGNATURE	DATE	PREPARED BY	S. IMADA		27 Nov.2017	CHECKED BY	T. HAYAKAWA		28 Nov.2017	APPROVED BY	Y. SANO		29 Nov.2017	<small>DRAWING TITLE</small> <b>BAR ARRANGEMENT OF P14 FOOTING (3)</b>	<small>PACKAGE</small> 2 <small>DWG No.</small> P2-SB-2020
	NAME	SIGNATURE	DATE																			
PREPARED BY	S. IMADA		27 Nov.2017																			
CHECKED BY	T. HAYAKAWA		28 Nov.2017																			
APPROVED BY	Y. SANO		29 Nov.2017																			

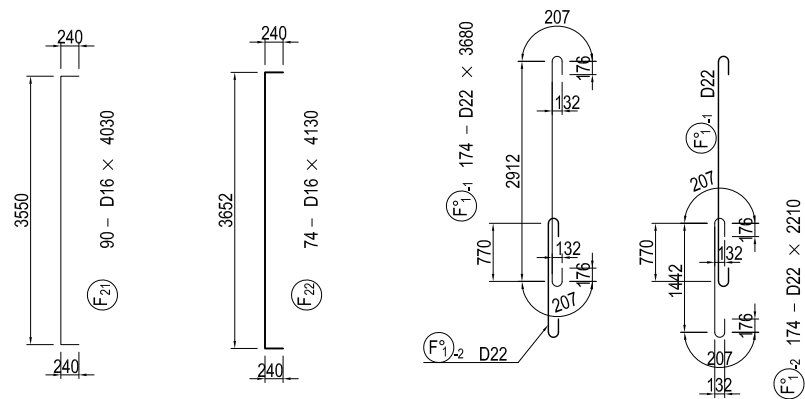
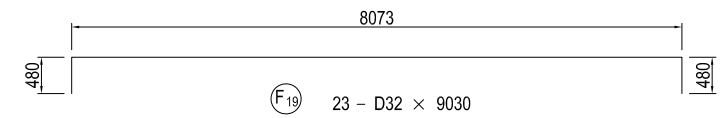
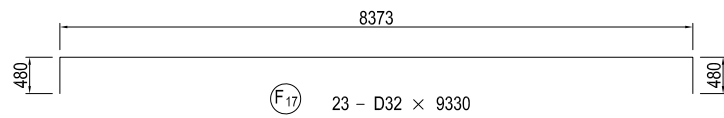
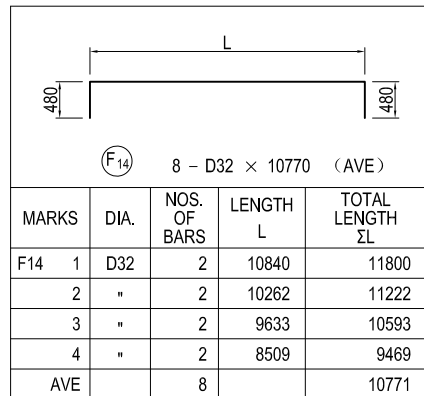
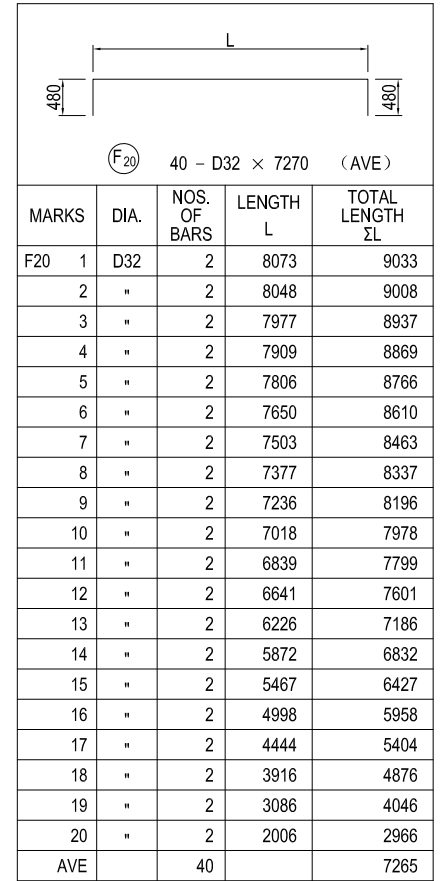
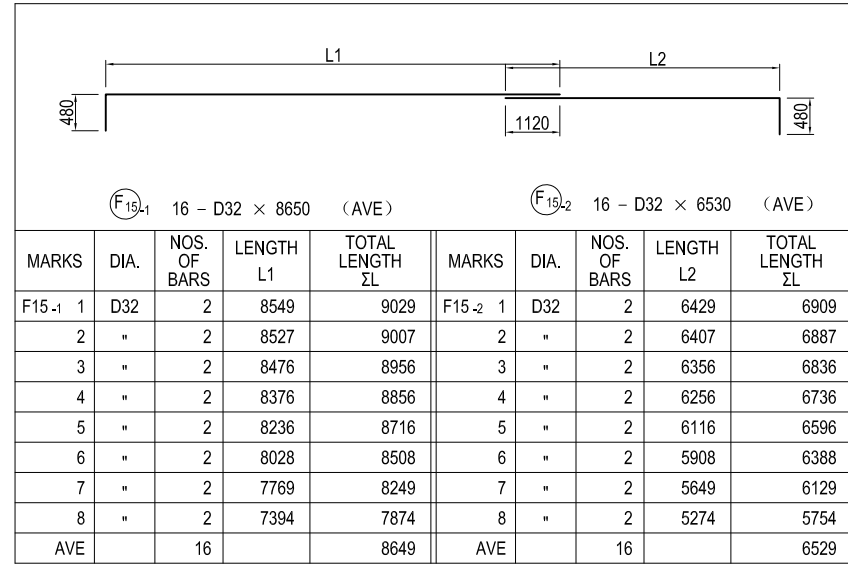
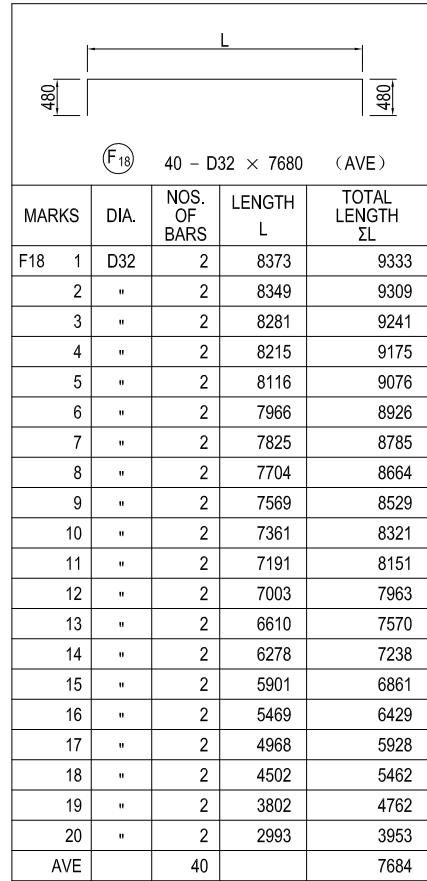
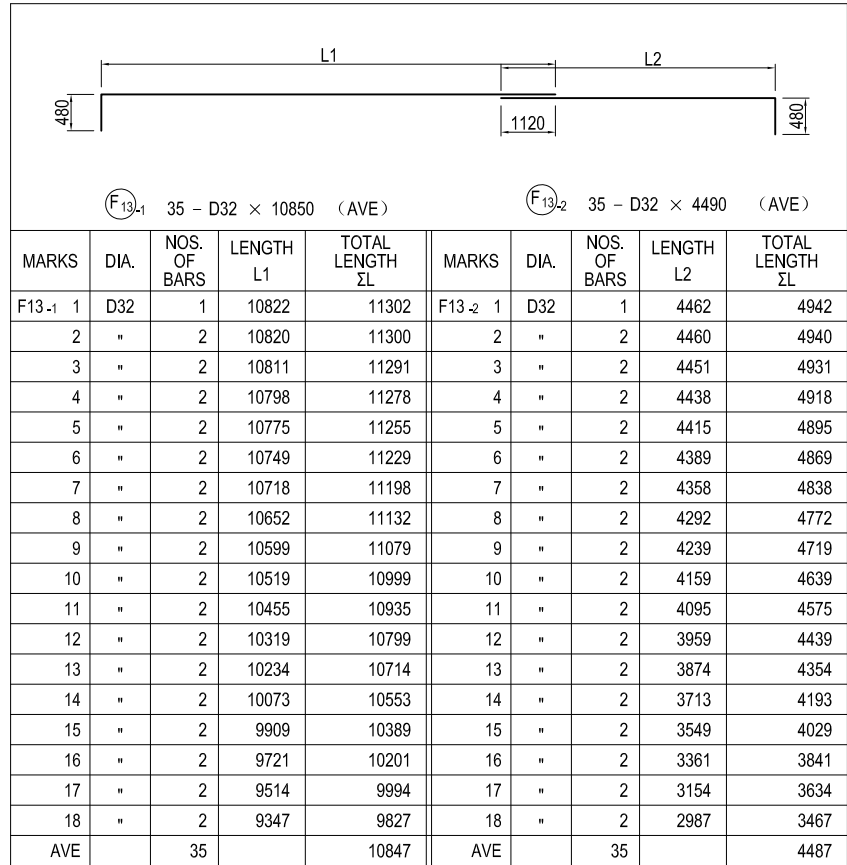
# BAR ARRANGEMENT OF P14 FOOTING (4) S=1:100



## USE MATERIALS

	CONCRETE	BAR
FOOTING	σck = 24 N/mm <sup>2</sup>	SD345

# BAR ARRANGEMENT OF P14 FOOTING (5) S=1:100

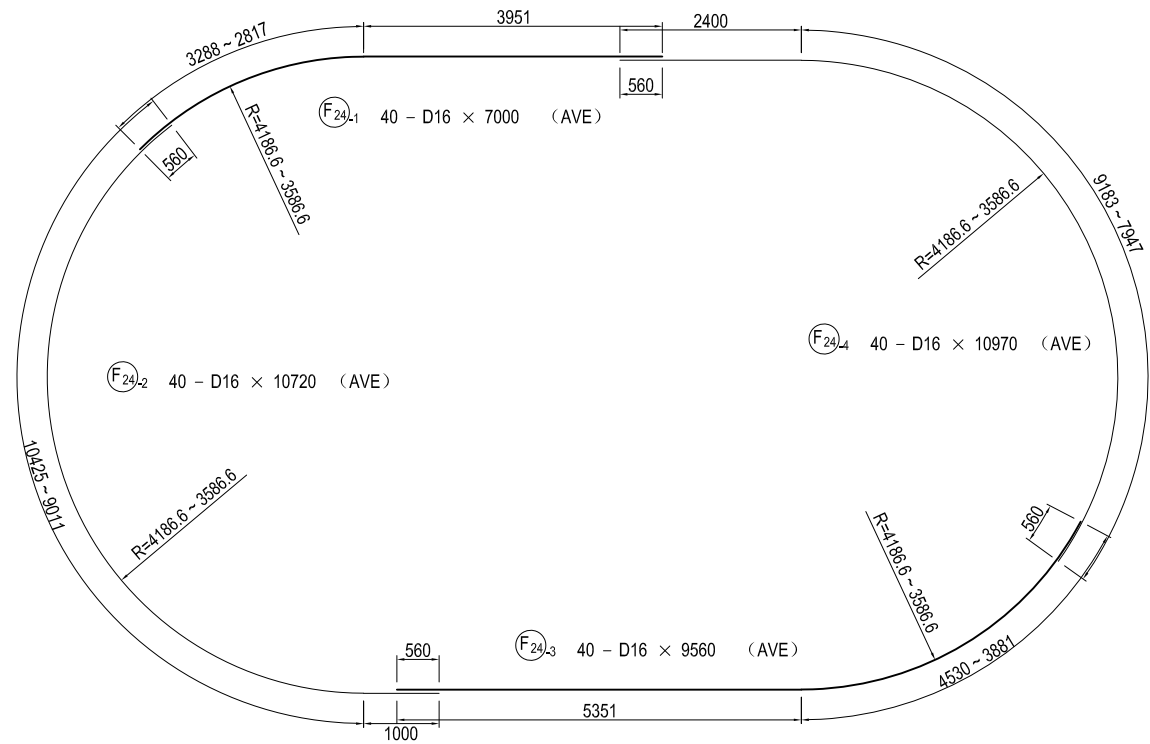
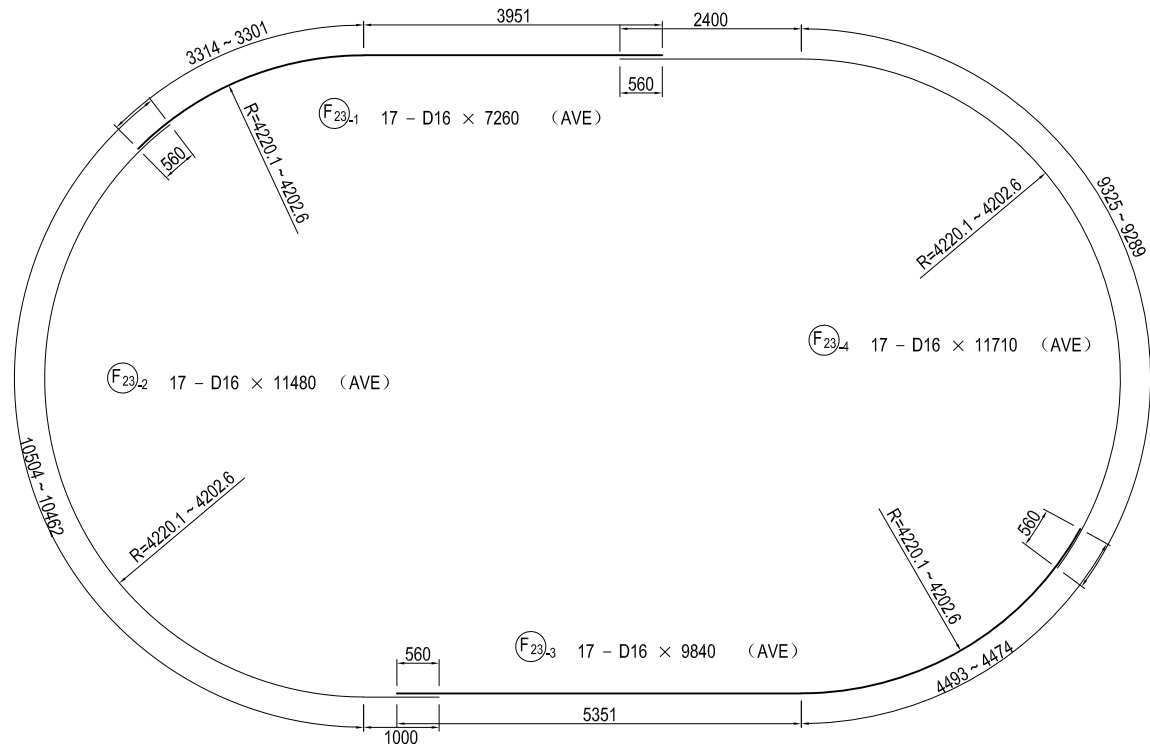


## USE MATERIALS

	CONCRETE	BAR
FOOTING	σck = 24 N/mm <sup>2</sup>	SD345

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 27 Nov.2017 28 Nov.2017 29 Nov.2017	DRAWING TITLE BAR ARRANGEMENT OF P14 FOOTING (5)	PACKAGE 2 DWG No. P2-SB-2022
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# BAR ARRANGEMENT OF P14 FOOTING (6) S=1:100



Note ) The joint position of the reinforcing bar is rotated 180 degrees for each step arranged.

## BAR SCHEDULE

MARKS	DIA.	LENGTH (mm)	NOS. OF BARS	UNIT WEIGHT (kg/m)	WEIGHT/EA. (kg)	WEIGHT (kg)	REMARKS
F	1-1	D51	43	15.9	131.49	5654	↳ (43) (AVE)
	1-2	"	43	"	93.33	4013	↳ (AVE)
	2-1	"	22	"	158.05	3477	↳ (22) (AVE)
	2-2	"	22	"	57.88	1273	↳ (AVE)
	3	"	34	"	157.41	5352	↳
	4	"	3	"	155.18	466	"
	5	"	28	"	141.99	3976	" (AVE)
	6-1	"	12	"	92.54	1110	↳ (12) (AVE)
	6-2	"	12	"	39.75	477	↳
	7-1	"	2	"	59.31	119	↳ (2)
	7-2	"	2	"	25.44	51	↳
	8-1	"	2	"	52.79	106	↳ (2)
	8-2	"	2	"	19.08	38	↳
	9	"	21	"	152.64	3205	↳
	10	"	22	"	138.17	3040	" (AVE)
	11-1	"	4	"	90.15	361	↳ (4) (AVE)
	11-2	"	4	"	39.75	159	↳
	12-1	"	2	"	52.79	106	↳ (2)
	12-2	"	2	"	20.67	41	↳
	13-1	D32	10850	35	6.23	67.60	↳ (AVE)
	13-2	"	4490	35	"	27.97	↳ (AVE)
	14	"	10770	8	"	67.10	↳ (AVE)
	15-1	"	8650	16	"	53.89	↳ (AVE)
	15-2	"	6530	16	"	40.68	↳ (AVE)
	16	"	10220	6	"	63.67	↳ (AVE)
	17	"	9330	23	"	58.13	1337
	18	"	7680	40	"	47.85	1914
	19	"	9030	23	"	56.26	1294
	20	"	7270	40	"	45.29	1812
	21	D16	4030	90	1.56	6.29	566
	22	"	4130	74	"	6.44	477
	23-1	"	7260	17	"	11.33	193 (AVE)
	23-2	"	11480	17	"	17.91	304 (AVE)
	23-3	"	9840	17	"	15.35	261 (AVE)
	23-4	"	11710	17	"	18.27	311 (AVE)
	24-1	"	7000	40	"	10.92	437 (AVE)
	24-2	"	10720	40	"	16.72	669 (AVE)
	24-3	"	9560	40	"	14.91	596 (AVE)
	24-4	"	10970	40	"	17.11	684 (AVE)
SUBTOTAL						49656	kg
F°	1-1	D22	3680	174	3.04	11.19	1947
	1-2	"	2210	174	"	6.72	1169
SUBTOTAL						3116	kg
(MECHANICAL JOINT)							
				D51	33024	kg	(87)
				D32	12134	"	
				D22	3116	"	
				D16	4498	"	
TOTAL					52772	kg	(87)

## USE MATERIALS

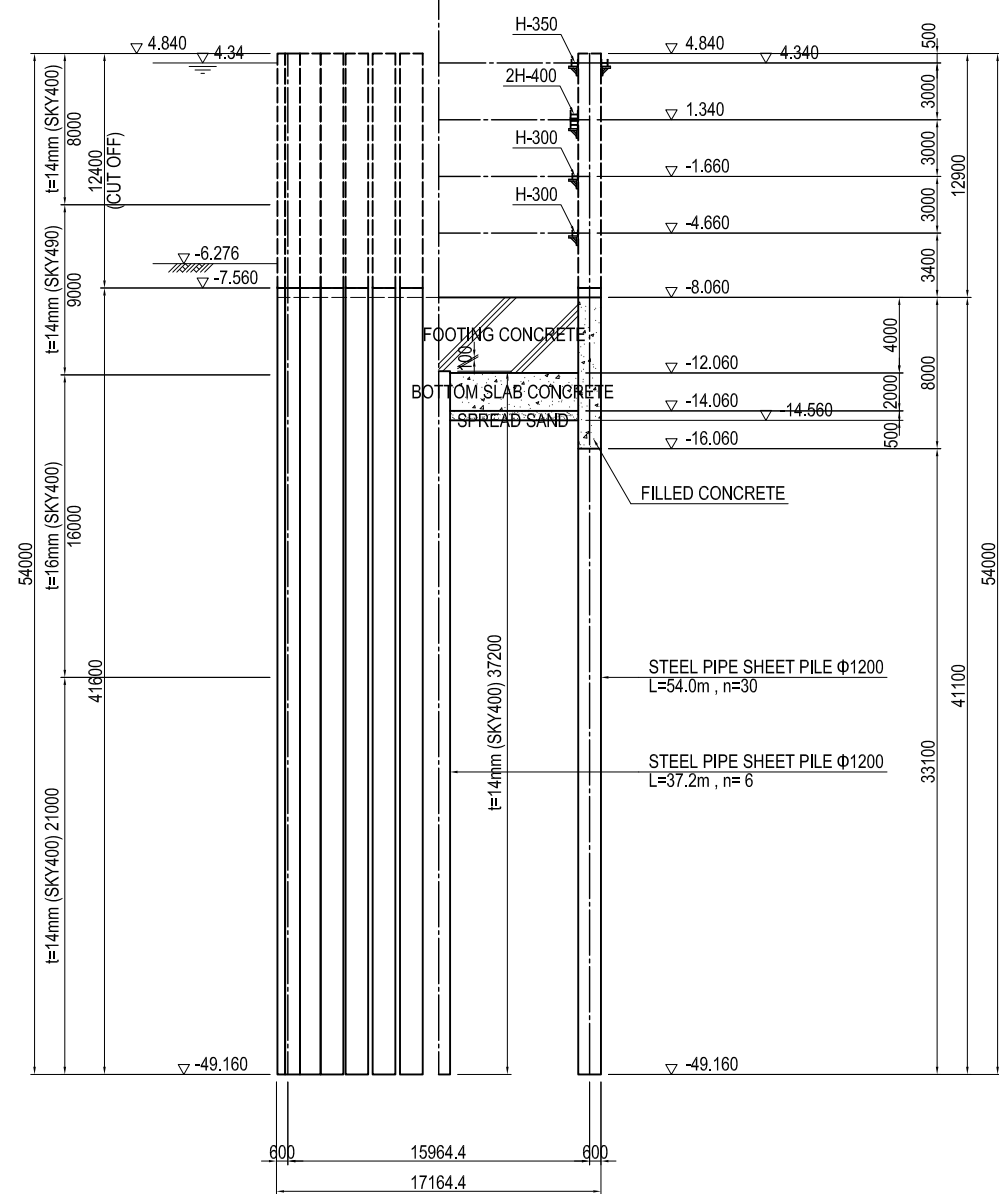
FOOTING	CONCRETE σck = 24 N/mm <sup>2</sup>	BAR SD345
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# GENERAL VIEW OF STEEL PIPE SHEET PILE FOUNDATION OF P14 PIER

S=1:400

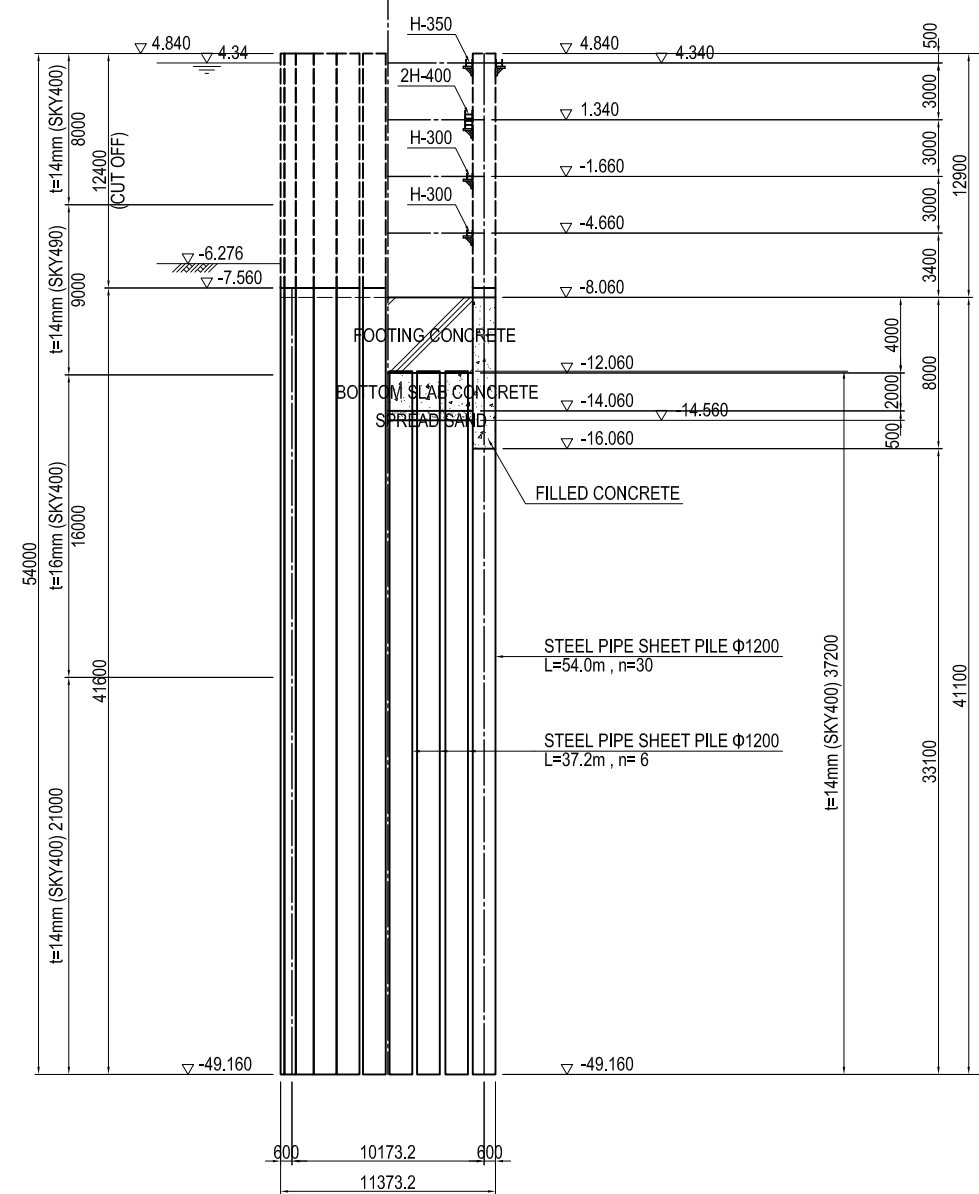
## FRONT ELEVATION

1-1 2-2

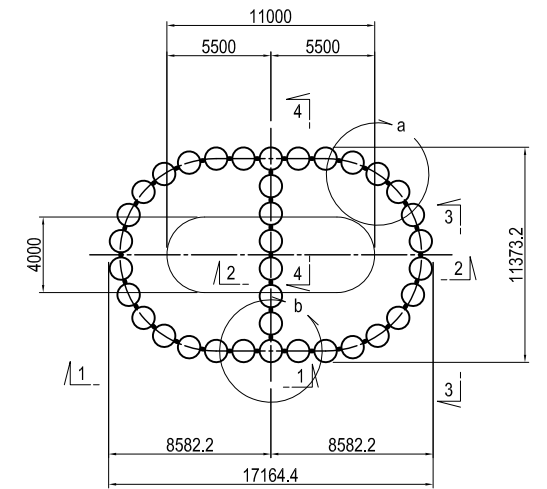


## SIDE ELEVATION

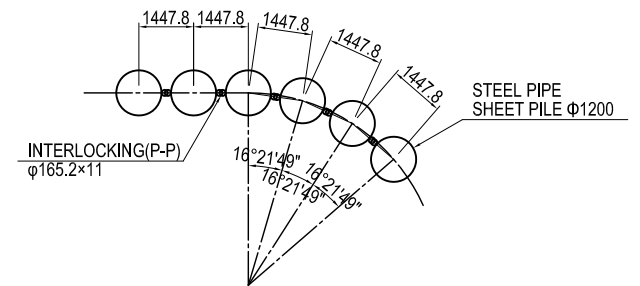
3-3 4-4



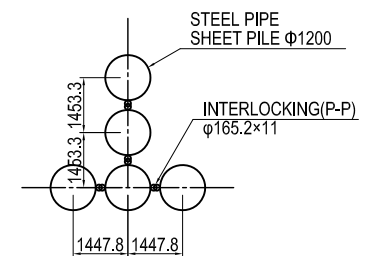
## PLAN



### DETAIL a S=1:200



### DETAIL b S=1:200



### USE MATERIALS

	CONCRETE	BAR
FOOTING	σ <sub>ck</sub> = 24 N/mm <sup>2</sup>	SD345

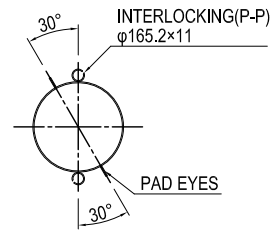
Note: Temporary support can be used for reference only.

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE GENERAL VIEW OF STEEL PIPE SHEET PILE FOUNDATION OF P14 PIER	PACKAGE 2 DWG No. P2-SB-2024	
				PREPARED BY	S. IMADA				27 Nov.2017
				CHECKED BY	T. HAYAKAWA				28 Nov.2017
				APPROVED BY	Y. SANO				29 Nov.2017

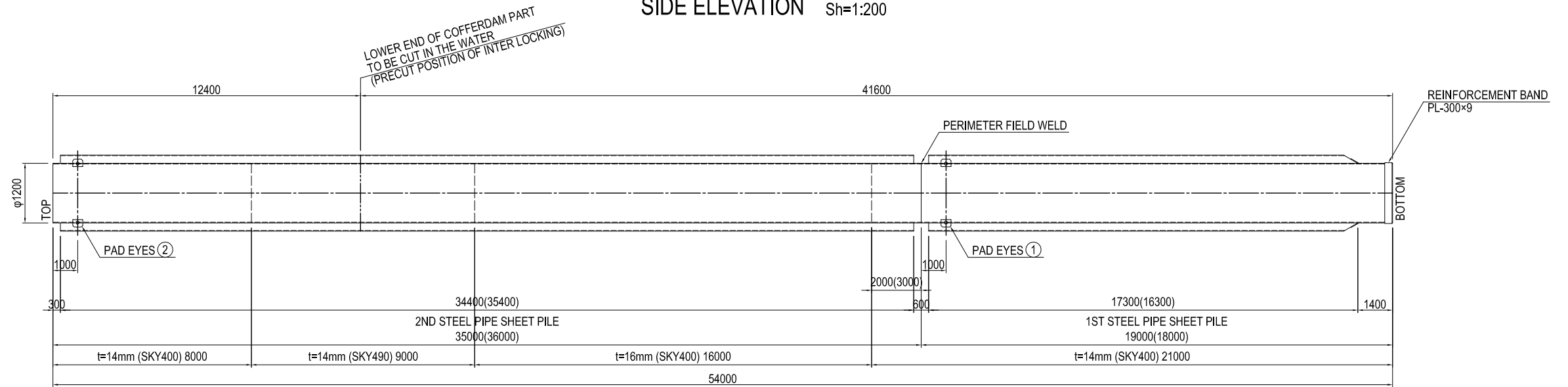
# DETAIL OF STEEL PIPE SHEET PILE OF P14 PIER (1)

CROSS SECTION S=1:200

TYPE A  
(TYPE B)

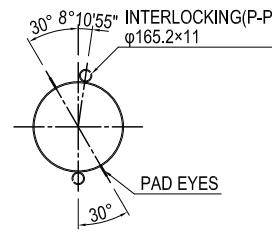


SIDE ELEVATION Sv=1:100  
Sh=1:200

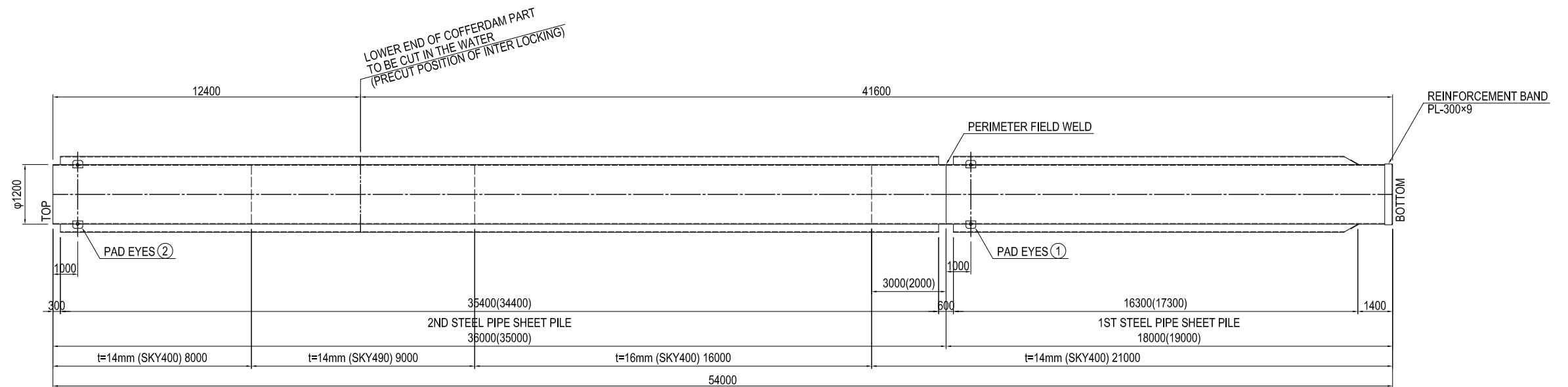
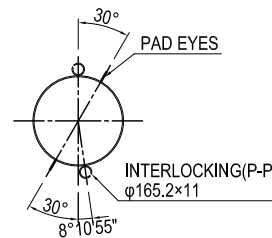


CROSS SECTION S=1:200

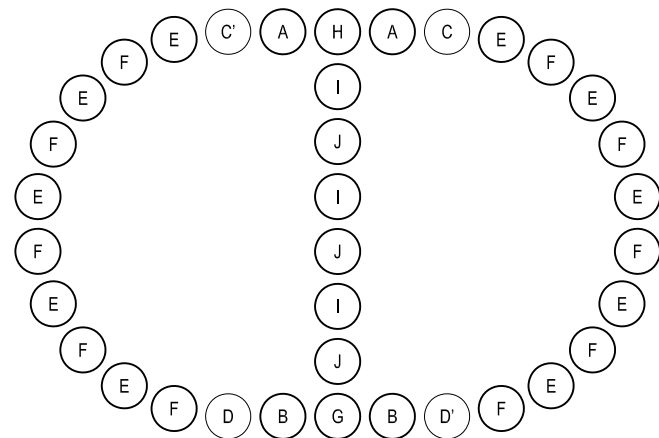
TYPE C  
(TYPE D)



TYPE C'  
(TYPE D')

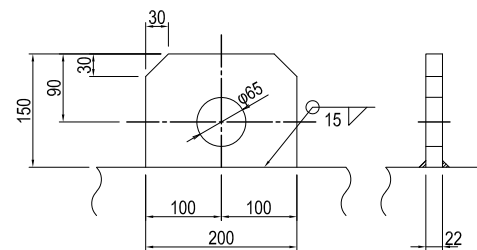


## STEEL PIPE SHEET PILE TYPE AND POSITION

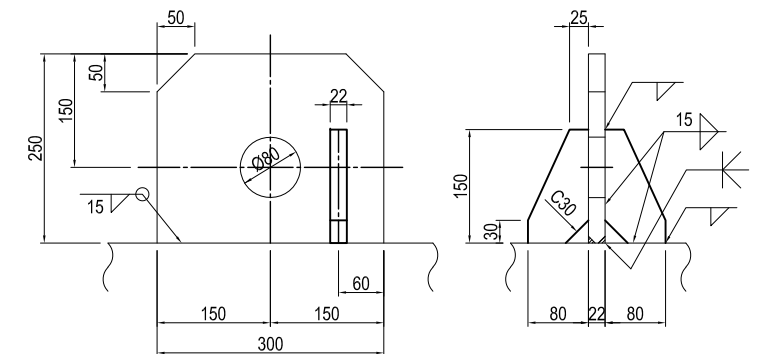


## DETAIL OF EYES S=1:10

PAD EYES ① PL-200x150x22(SM490A)



PAD EYES ② PL-300x250x22(SM490A)

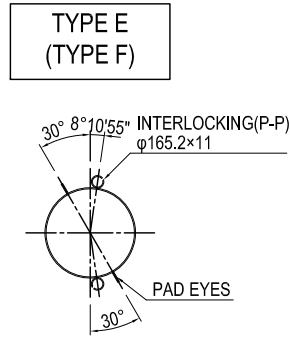


Note: Drawing of Pad Eye (metal fitting for hanging) and the position of perimeter field weld can be used for reference only.

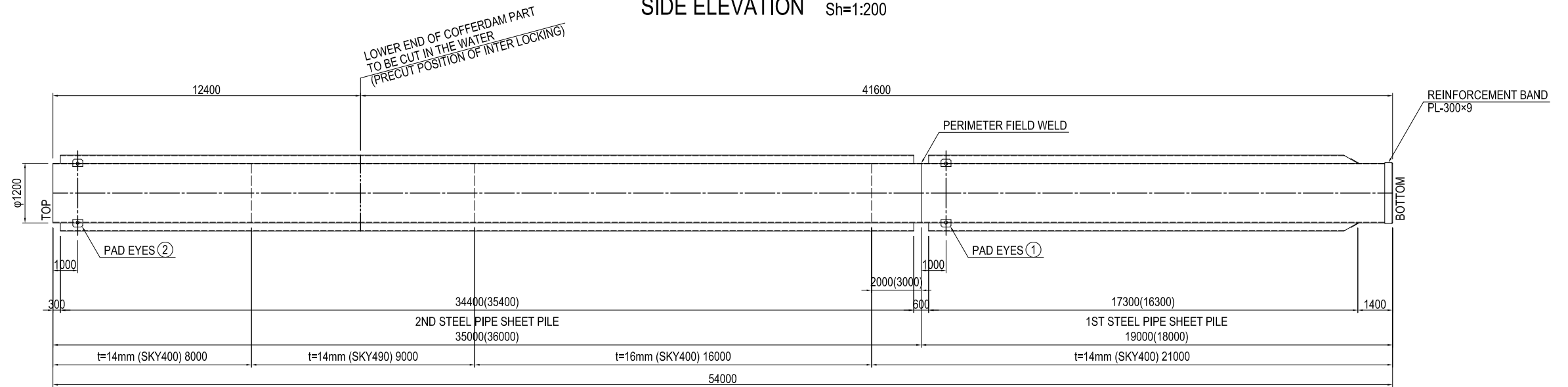
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY jica JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF STEEL PIPE SHEET PILE OF P14 PIER (1)	PACKAGE
				PREPARED BY	S. IMADA	27 Nov.2017		2
				CHECKED BY	T. HAYAKAWA	28 Nov.2017		DWG No.
				APPROVED BY	Y. SANO	29 Nov.2017		P2-SB-2025

# DETAIL OF STEEL PIPE SHEET PILE OF P14 PIER (2)

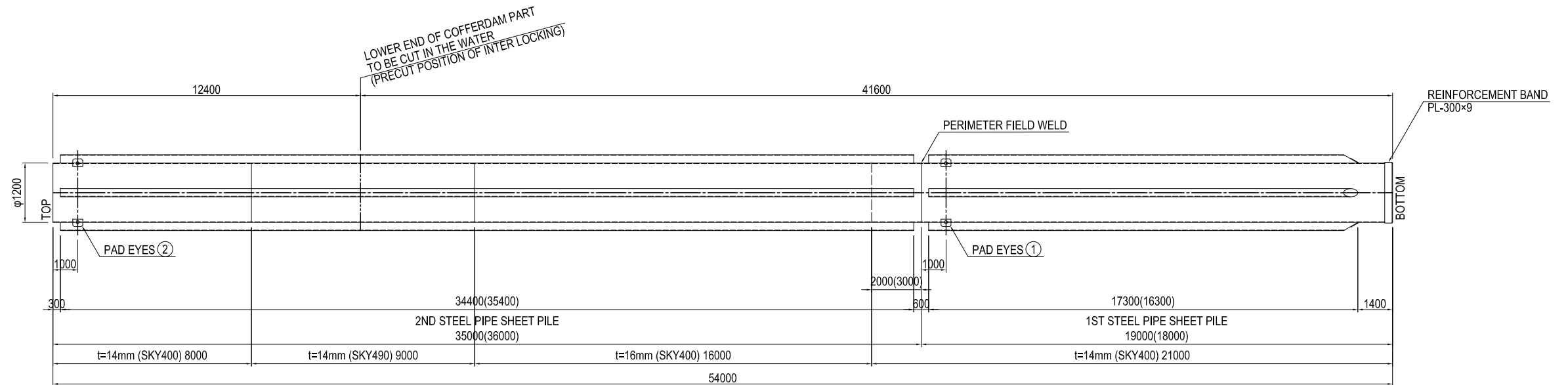
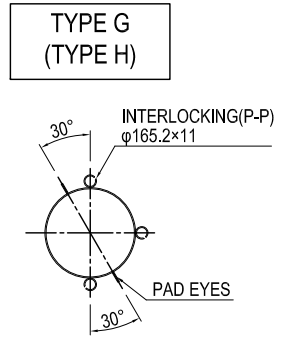
CROSS SECTION S=1:200



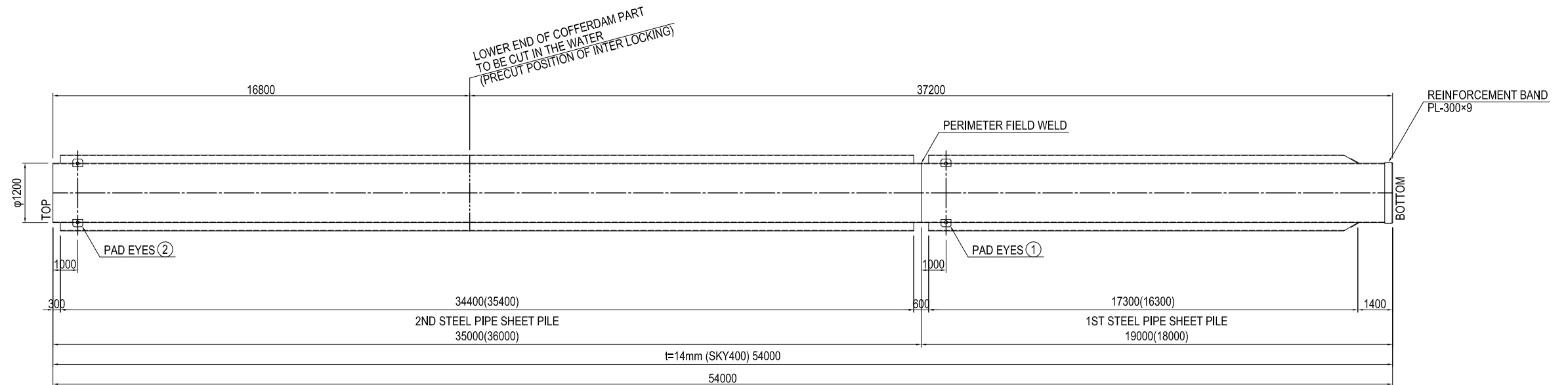
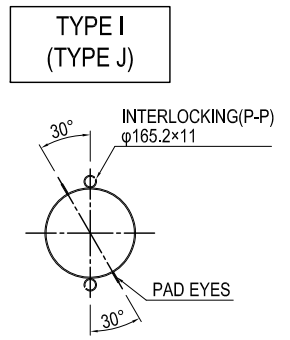
SIDE ELEVATION Sv=1:100 Sh=1:200



CROSS SECTION S=1:200



CROSS SECTION S=1:200



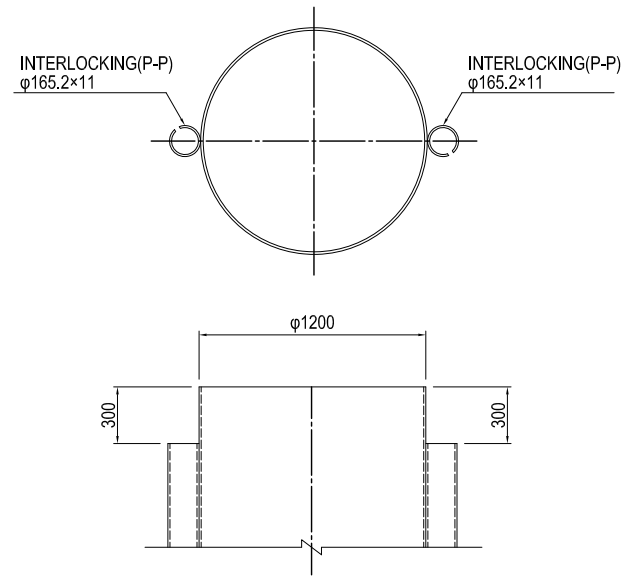
Note: Drawing of Pad Eye (metal fitting for hanging) and the position of perimeter field weld can be used for reference only.

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		27 Nov.2017	DETAIL OF STEEL PIPE SHEET PILE OF P14 PIER (2)	2
				T. HAYAKAWA		28 Nov.2017		DWG No.
				Y. SANO		29 Nov.2017		P2-SB-2026

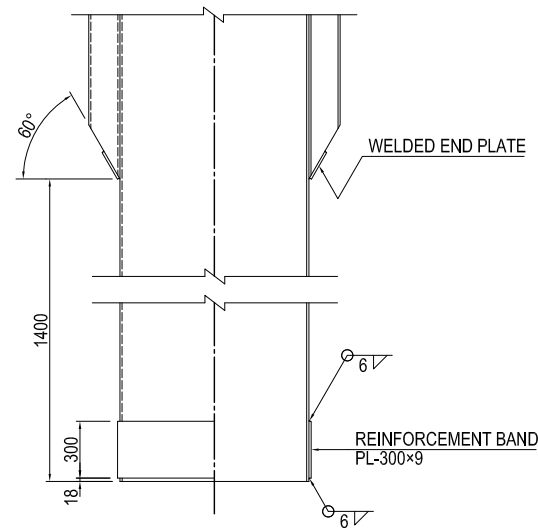


# DETAIL OF INTERLOCKING OF STEEL PIPE SHEET PILE OF P14 PIER

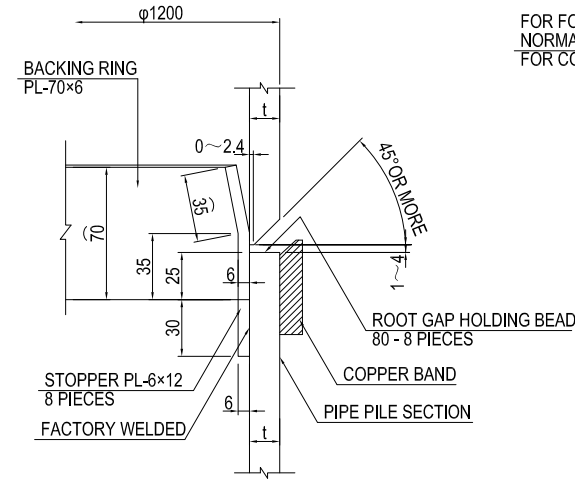
DETAIL OF STEEL PIPE SHEET PILE TOP S=1:40



DETAIL OF STEEL PIPE SHEET PILE TOE S=1:40

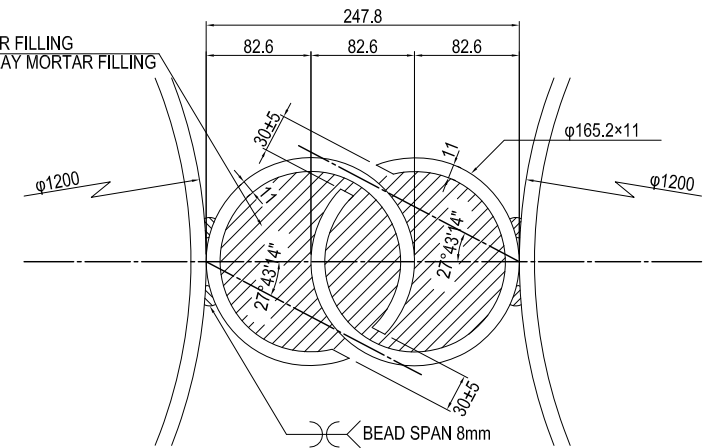


DETAIL OF PERIMETER FIELD WELDING OF STEEL PIPE SHEET PILE S=1:4



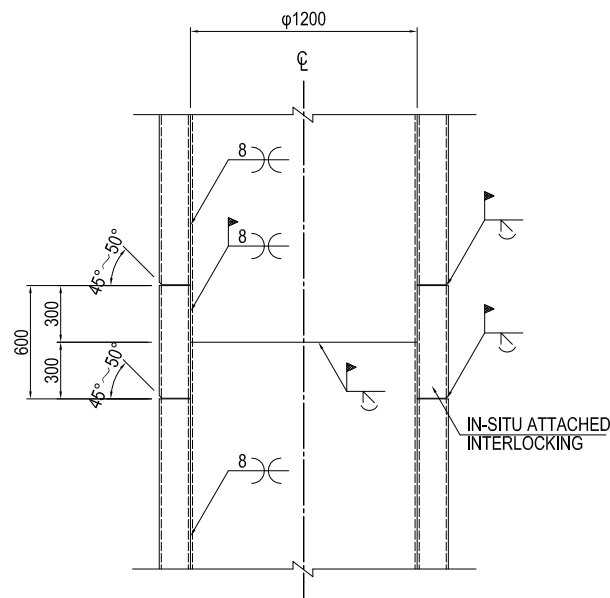
FOR FOUNDATION PART :  
NORMAL STRENGTH MORTAR FILLING  
FOR COFFERDAM PART : CLAY MORTAR FILLING

DETAIL OF CONNECTED INTERLOCKING(P-P) S=1:6

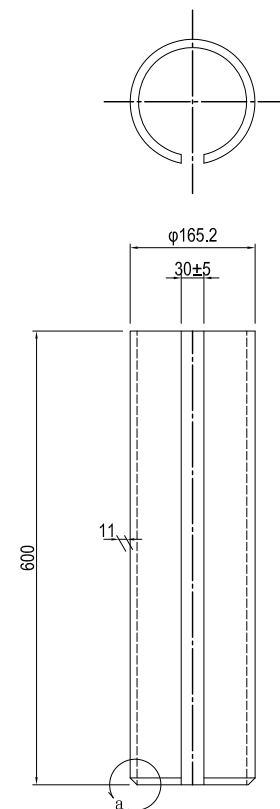


TREATMENT OF STEEL PIPE SHEET PILE INTERLOCKING

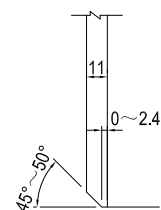
DETAIL OF IN-SITU LONGITUDINAL WELDING PART S=1:40



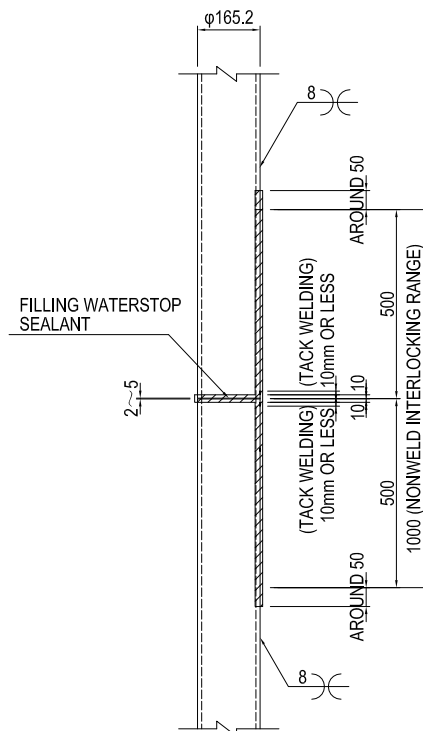
DETAIL OF IN-SITU ATTACHED INTERLOCKING S=1:10



DETAIL a

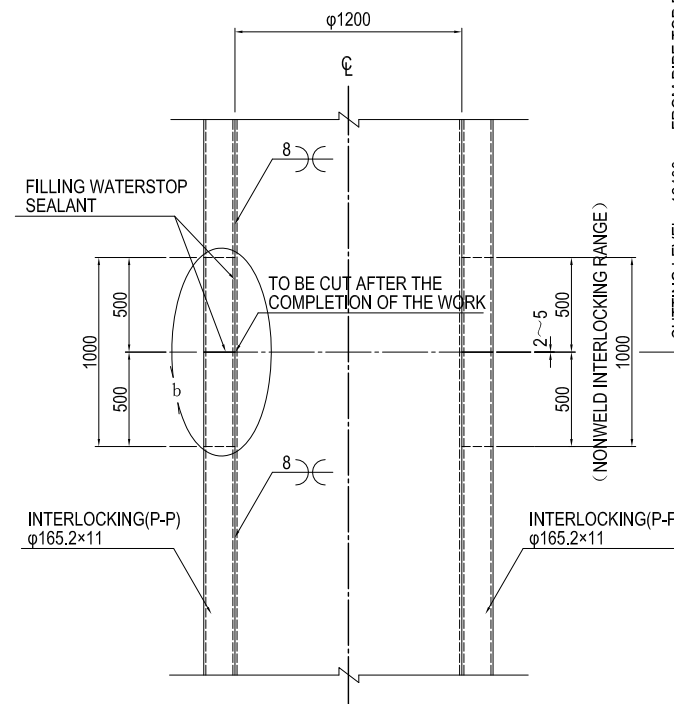


DETAIL b

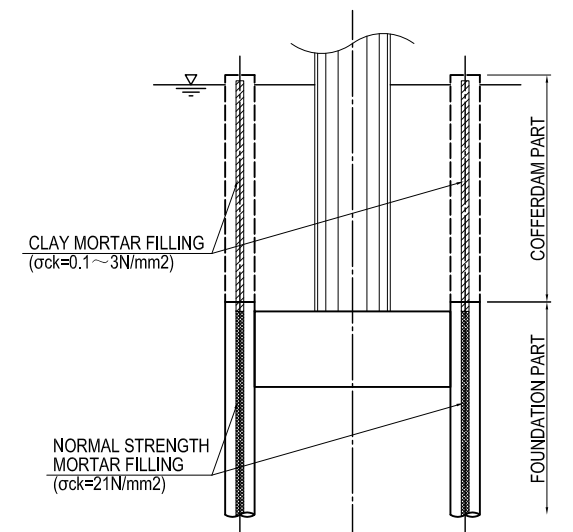


CUTTING LEVEL : 12400mm FROM PIPE TOP FOR EXTERNAL-WALL SHEET PILING.

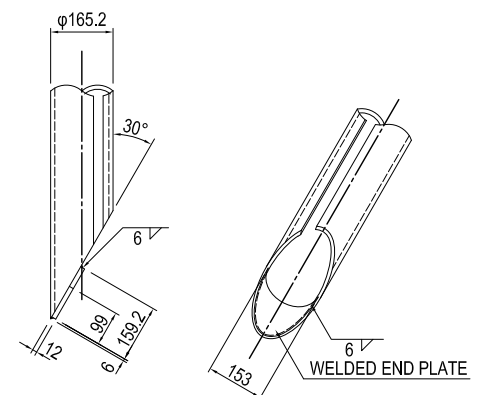
DETAIL OF PRECUT INTERLOCKING S=1:40



CUTTING LEVEL : 12400mm FROM PIPE TOP FOR EXTERNAL-WALL SHEET PILING.

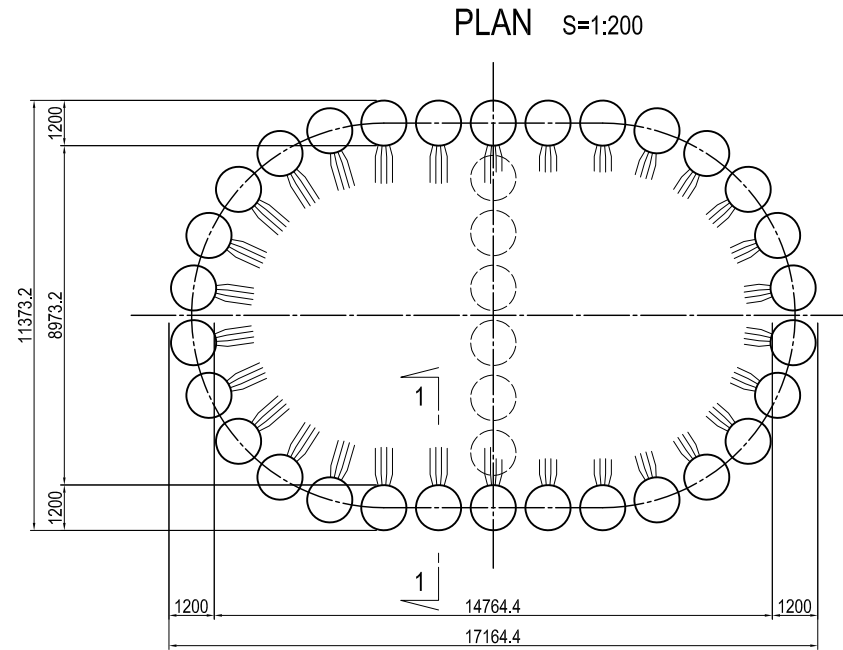


DETAIL OF INTERLOCKING TOE S=1:20

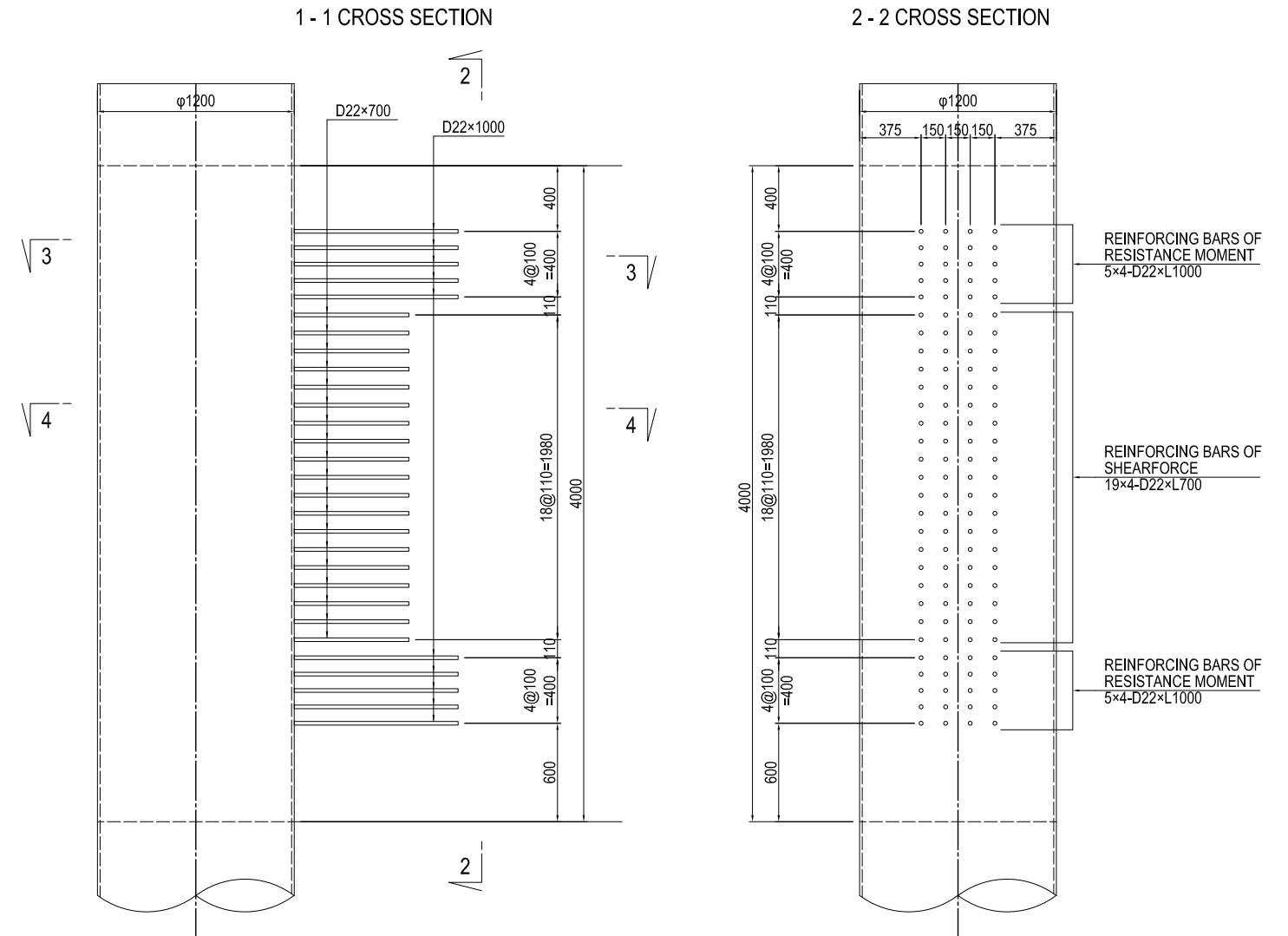


PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY jica JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF INTERLOCKING OF STEEL PIPE SHEET PILE OF P14 PIER	PACKAGE
				PREPARED BY	S. IMADA	27 Nov.2017		2
				CHECKED BY	T. HAYAKAWA	28 Nov.2017		DWG No.
				APPROVED BY	Y. SANO	29 Nov.2017		P2-SB-2027

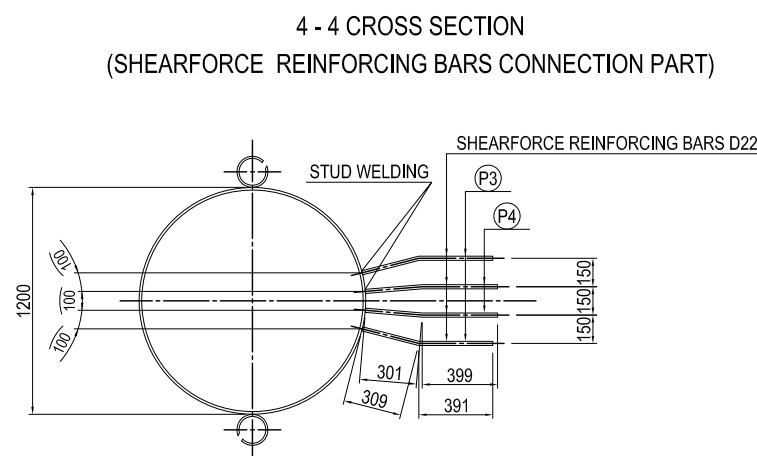
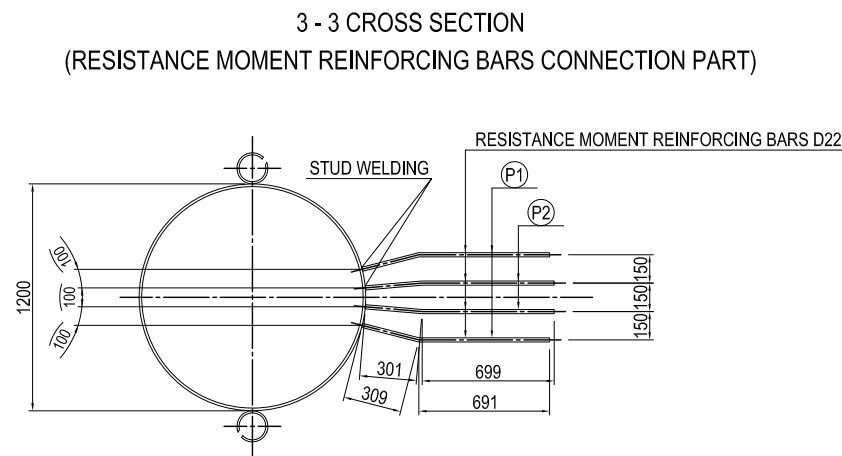
# DETAIL OF CONNECTION BETWEEN STEEL PIPE SHEET PILE AND FOOTING OF P14 PIER



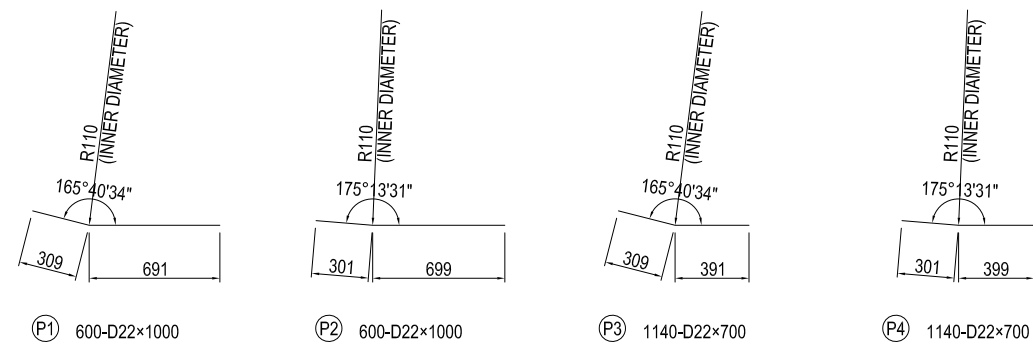
## DETAIL OF CONNECTION BETWEEN STEEL PIPE SHEET PILE AND FOOTING S=1:40



## CROSS SECTION OF CONNECTION BETWEEN STEEL PIPE SHEET PILE AND REINFORCING BARS S=1:40



## FABRICATION OF REINFORCING BARS S=1:40

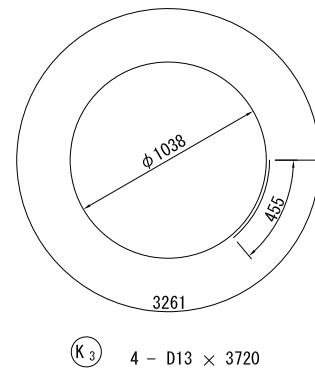
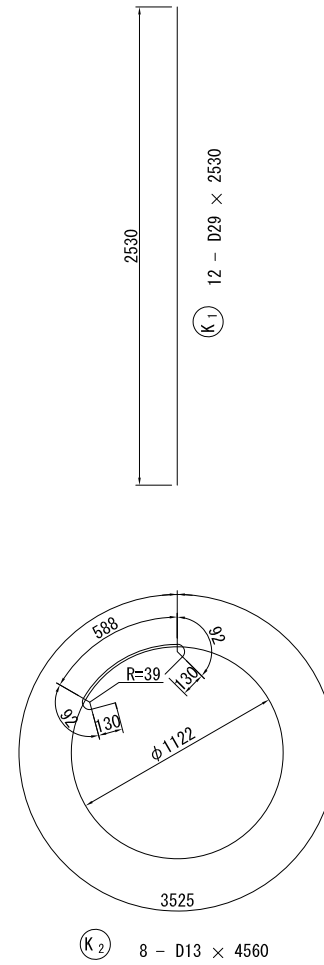
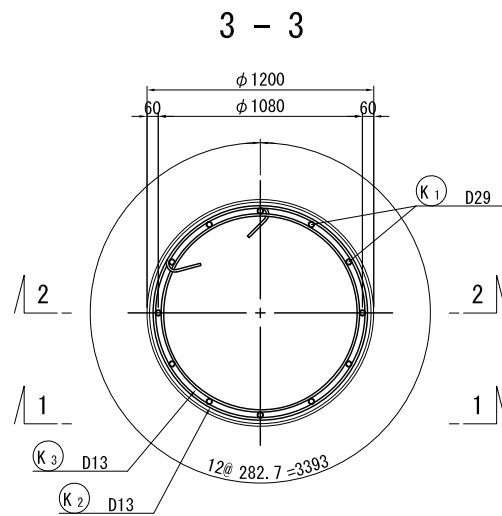
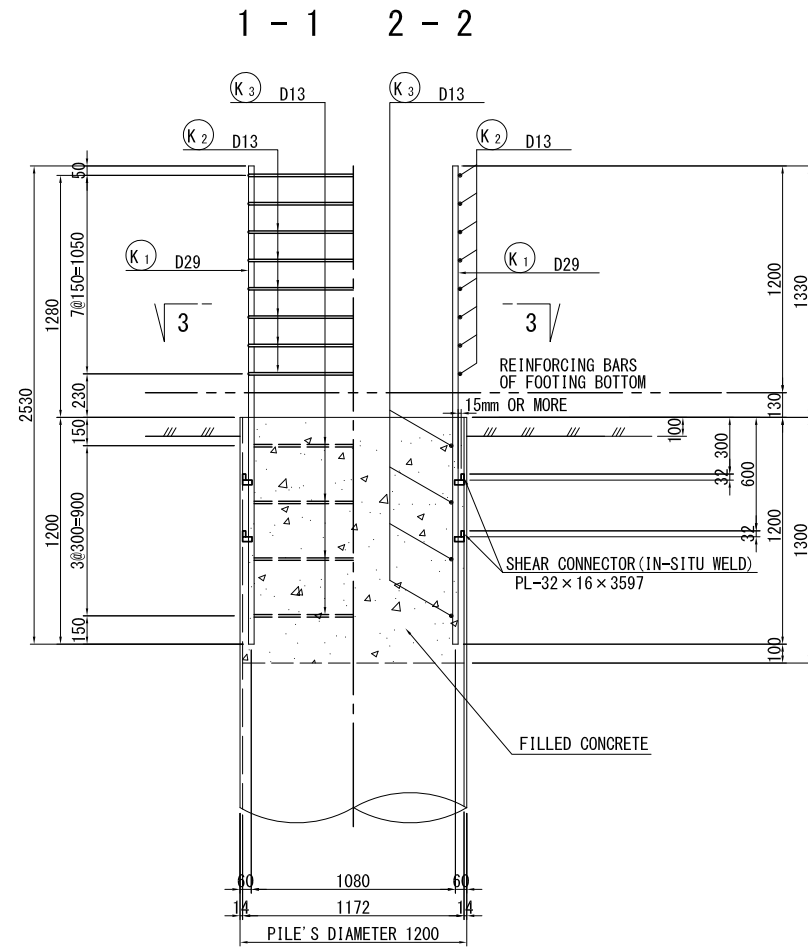


## TABLE OF REINFORCING BARS

MARK	TYPE	LENGTH (mm)	PIECES (piece)	UNIT WEIGHT (kg/m)	UNIT WEIGHT (kg/piece)	WEIGHT (kg)	GRADE	MEMO
P1	D22	1000	600	3.04	3.04	1824.0	SD345 for STUD WELDING	
P2	D22	1000	600	3.04	3.04	1824.0	SD345 for STUD WELDING	
P3	D22	700	1140	3.04	2.13	2428.2	SD345 for STUD WELDING	
P4	D22	700	1140	3.04	2.13	2428.2	SD345 for STUD WELDING	
					D22	8504.4 kg		
					TOTAL WEIGHT	8504.4 kg		

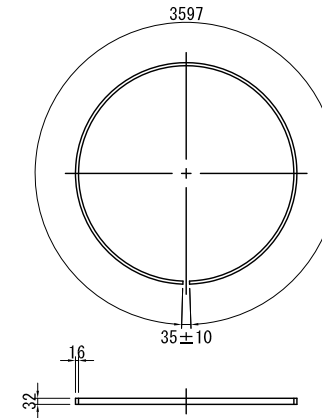
# DETAIL OF PILE TOP CONNECTION TO THE BASE CONCRETE OF P14 PIER S=1:40

## DETAIL OF PILE TOP

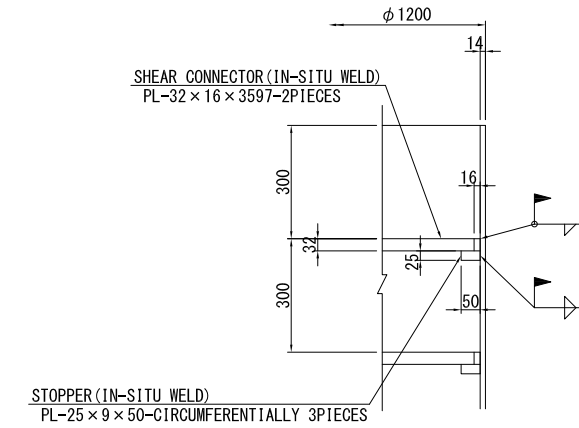


## DETAIL OF ATTACHMENT OF SHEAR CONNECTOR

### CENTER OF LENGTH



### SETTING IN THE FIELD S=1:20



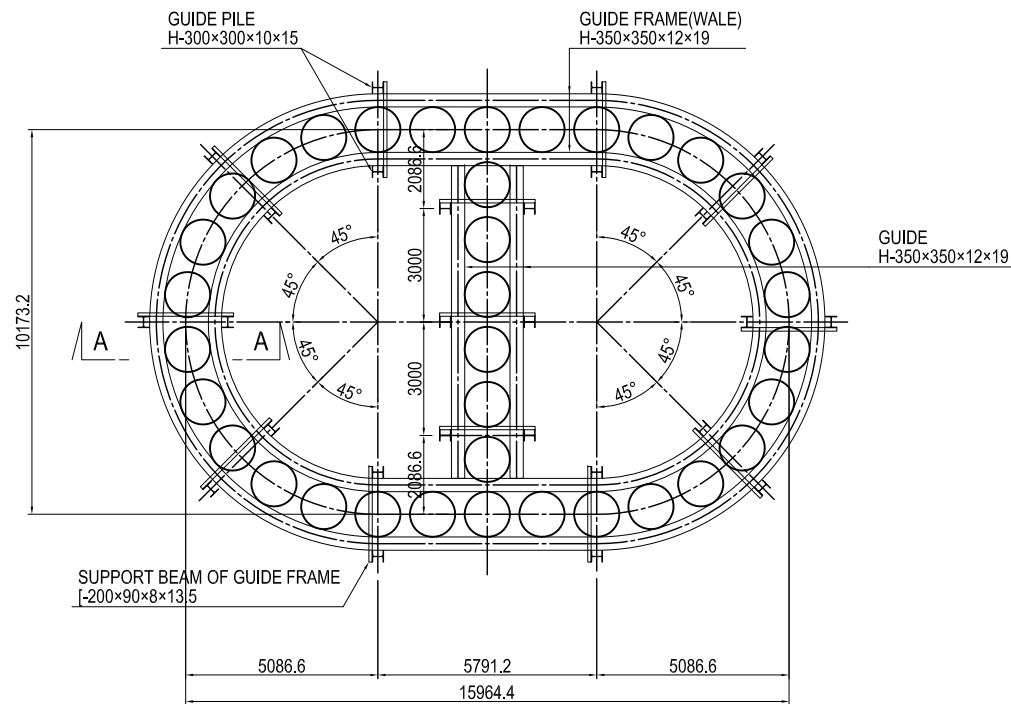
## MATERIAL LIST

MARKS	SECTION SIZE	LENGTH (mm)	NOS. OF BARS	UNIT WEIGHT (kg/m)	WEIGHT/E.A. (kg)	WEIGHT (kg)	MATERIAL	REMARKS
PILE TOP ACCOMPANYING ITEMS								
PL	PL-32×16	3597	2	4.019	14.456	28.9	SS400	SHEAR CONNECTOR
PL	PL-25×9	50	6	1.766	0.088	0.5	SS400	STOPPER
REINFORCEMENT								
K1	D29	2530	12	5.04	12.75	153	SD345	
K2	D13	4560	8	0.995	4.54	36.3	SD345	○
K3	D13	3720	4	0.995	3.70	14.8	SD345	○
TOTAL						204		
FILLED CONCRETE (σ <sub>ck</sub> = 24 N/mm <sup>2</sup> )								
						$V = 1/4 \times \pi \times 1.172^2 \times 1.300 = 1.402 \text{ m}^3$		

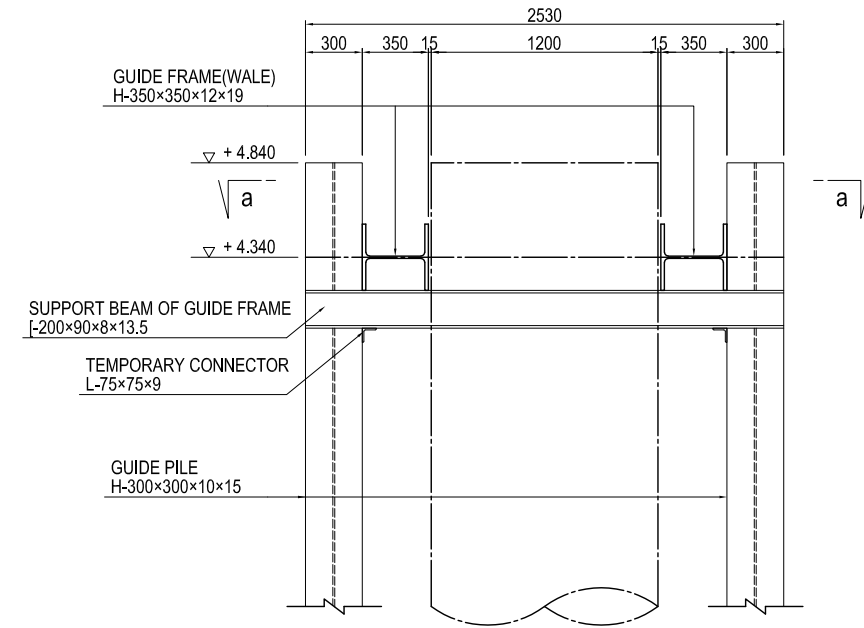
ITEM	DIVISION	UNIT CONTENT	WEIGHT/E.A.	QUANTITY
NUMBER OF PILE		Number		6
PILE TOP	SS400	TOTAL	kg	29.4
REINFORCEMENT	SD345	D29	kg	153
		D13	kg	51
		TOTAL	kg	204
FILLED CONCRETE	σ <sub>ck</sub> = 24 N/mm <sup>2</sup>	m <sup>3</sup>	1.402	8.4

# (REFERENCE) LAYOUT PLAN OF COFFERDAM PART OF P14 PIER (1)

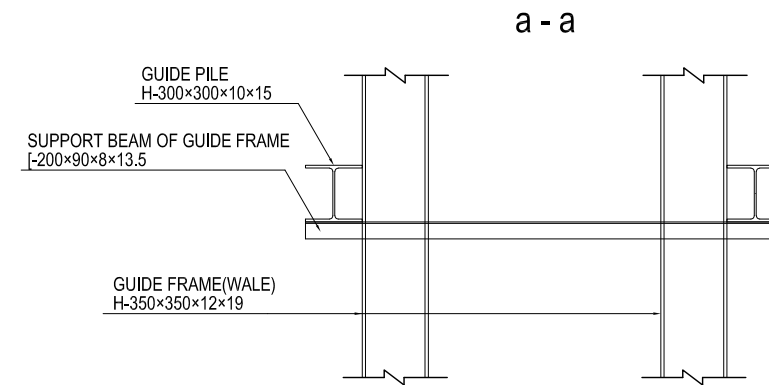
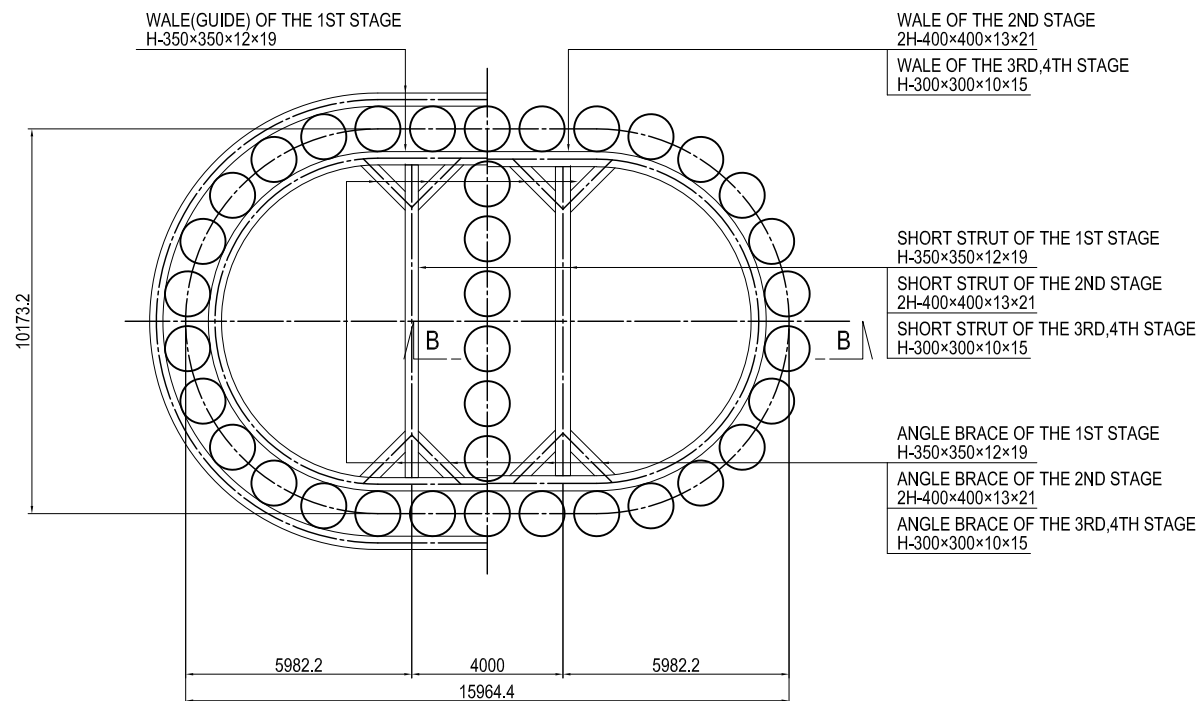
LAYOUT PLAN OF GUIDE FRAMES AND GUIDE PILES S=1:200



DETAIL OF ATTACHMENT OF GUIDE PILES AND GUIDE FRAMES S=1:40



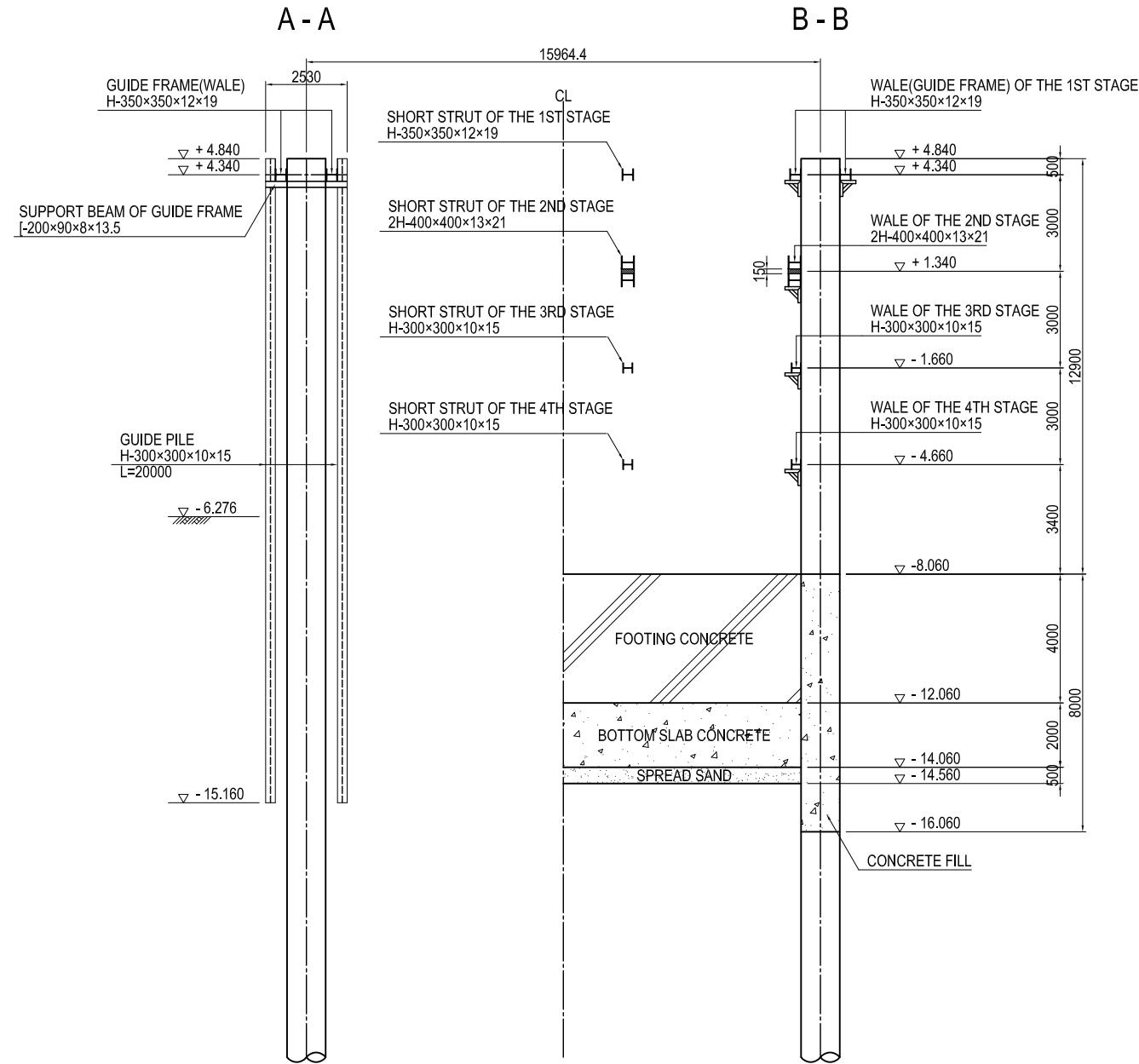
LAYOUT PLAN OF STRUTS AND WALES S=1:200



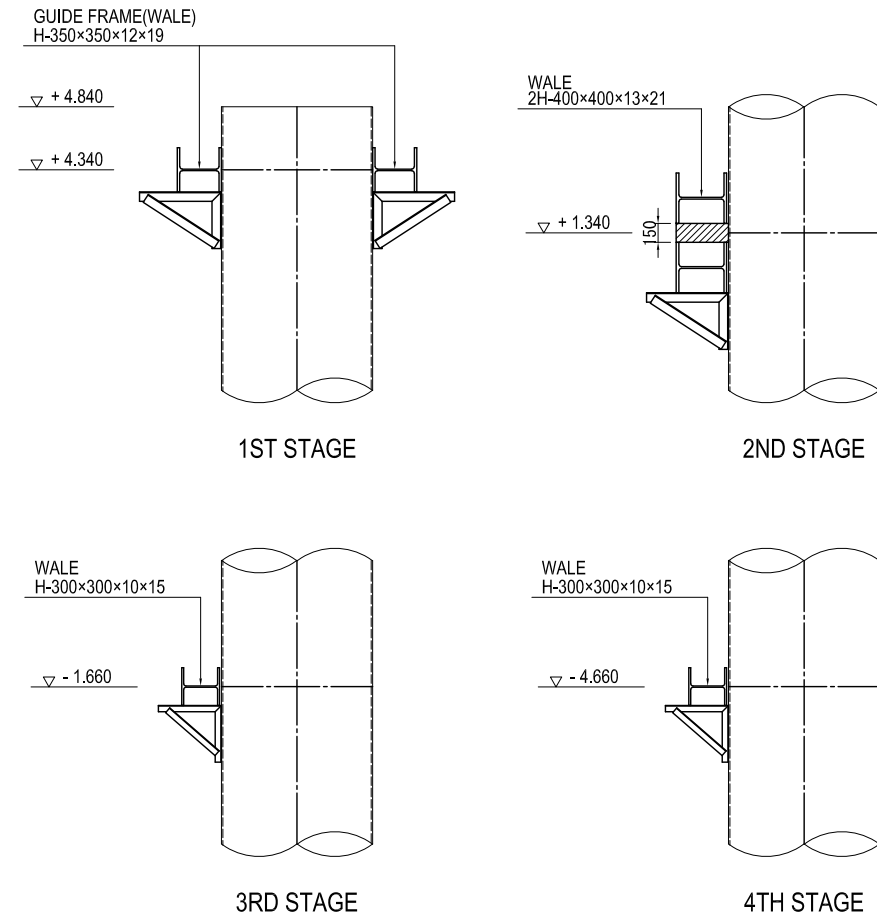
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY jica JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE (REFERENCE) LAYOUT PLAN OF COFFERDAM PART OF P14 PIER (1)	PACKAGE
				PREPARED BY	S. IMADA	27 Nov.2017		2
				CHECKED BY	T. HAYAKAWA	28 Nov.2017		DWG No.
				APPROVED BY	Y. SANO	29 Nov.2017		P2-SB-2030

# (REFERENCE) LAYOUT PLAN OF COFFERDAM PART OF P14 PIER (2)

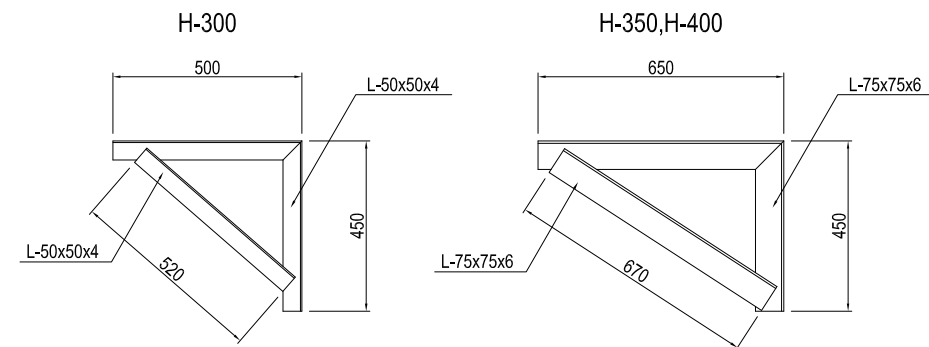
CROSS SECTION S=1:200



DETAIL OF ATTACHMENT OF WALE S=1:60



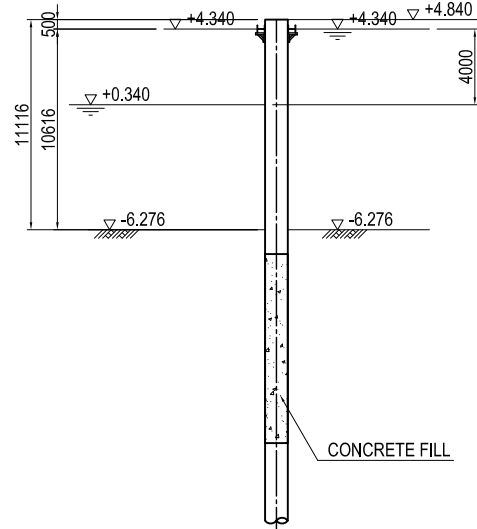
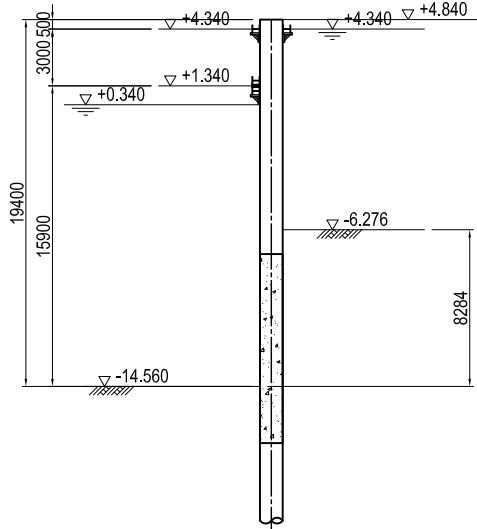
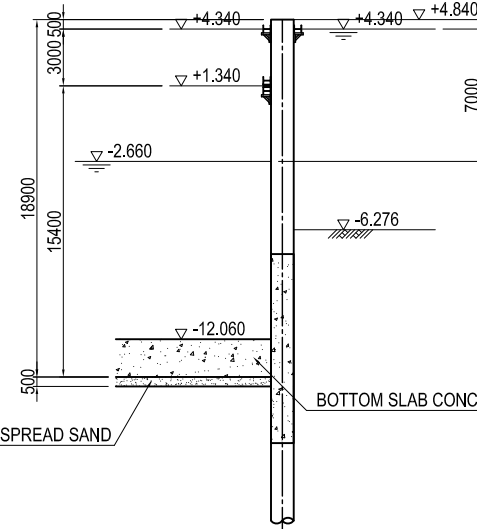
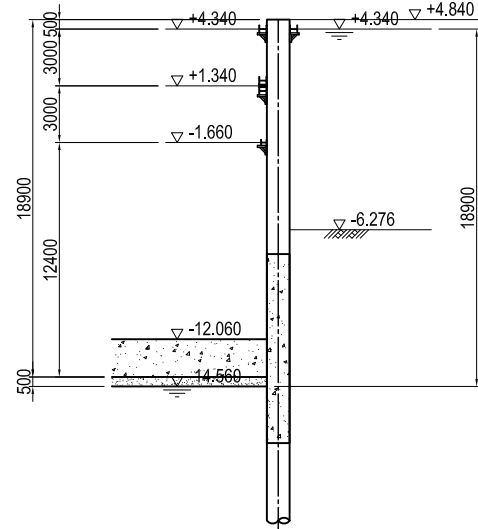
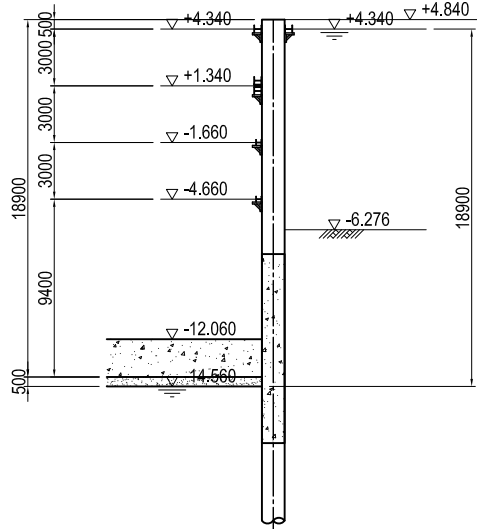
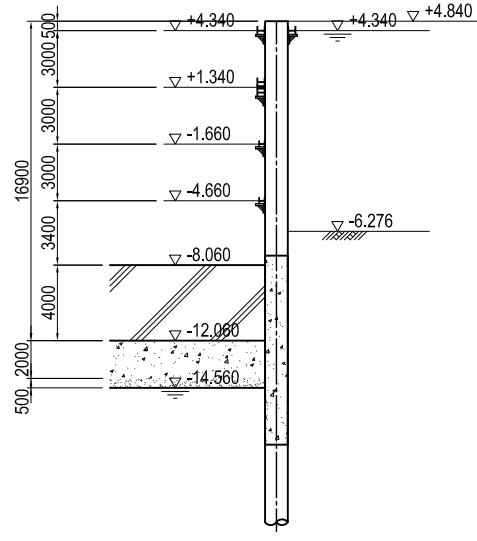
DETAIL OF BRACKET S=1:20




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 (REFERENCE) LAYOUT PLAN OF COFFERDAM PART OF P14 PIER (2)	PACKAGE	
				PREPARED BY	S. IMADA			27 Nov.2017	2
				CHECKED BY	T. HAYAKAWA			28 Nov.2017	DWG No.
				APPROVED BY	Y. SANO			29 Nov.2017	P2-SB-2031

# (REFERENCE) CONSTRUCTION PLAN OF STEEL PIPE SHEET PILE WORK OF P14 PIER

S=1:400

STEP 1	STEP 2	STEP 3	STEP 4	STEP 5
				
<p>Excavate inside of exterior sheet piles and filled with concrete as shown. Draining the inside of cofferdam up to +0.340m level. The 1st support Installation.</p>	<p>The 2nd support Installation. Underwater excavation up to -14.560m level.</p>	<p>Draining the inside of cofferdam up to -2.660m level. Placement of spread sand followed by Casting undewater bottom slab concrete.</p>	<p>The 3rd support Installation. Dry up inside the cofferdam.</p>	<p>The 4th support Installation.</p>
STEP 6				
				
<p>Casting of footing concrete.</p>				

Note : This drawing can be used for reference only.

<p>PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT</p>	<p>FINANCED BY  JAPAN INTERNATIONAL COOPERATION AGENCY</p>	<p>COUNTERPART  REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE</p>	<p>JICA STUDY TEAM  NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.</p>	<p>NAME PREPARED BY CHECKED BY APPROVED BY</p>	<p>S. IMADA T. HAYAKAWA Y. SANO</p>	<p>SIGNATURE DATE DATE DATE</p>	<p>DRAWING TITLE (REFERENCE) CONSTRUCTION PLAN OF STEEL PIPE SHEET PILE WORK OF P14 PIER</p>	<p>PACKAGE 2 DWG No. P2-SB-2032</p>
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