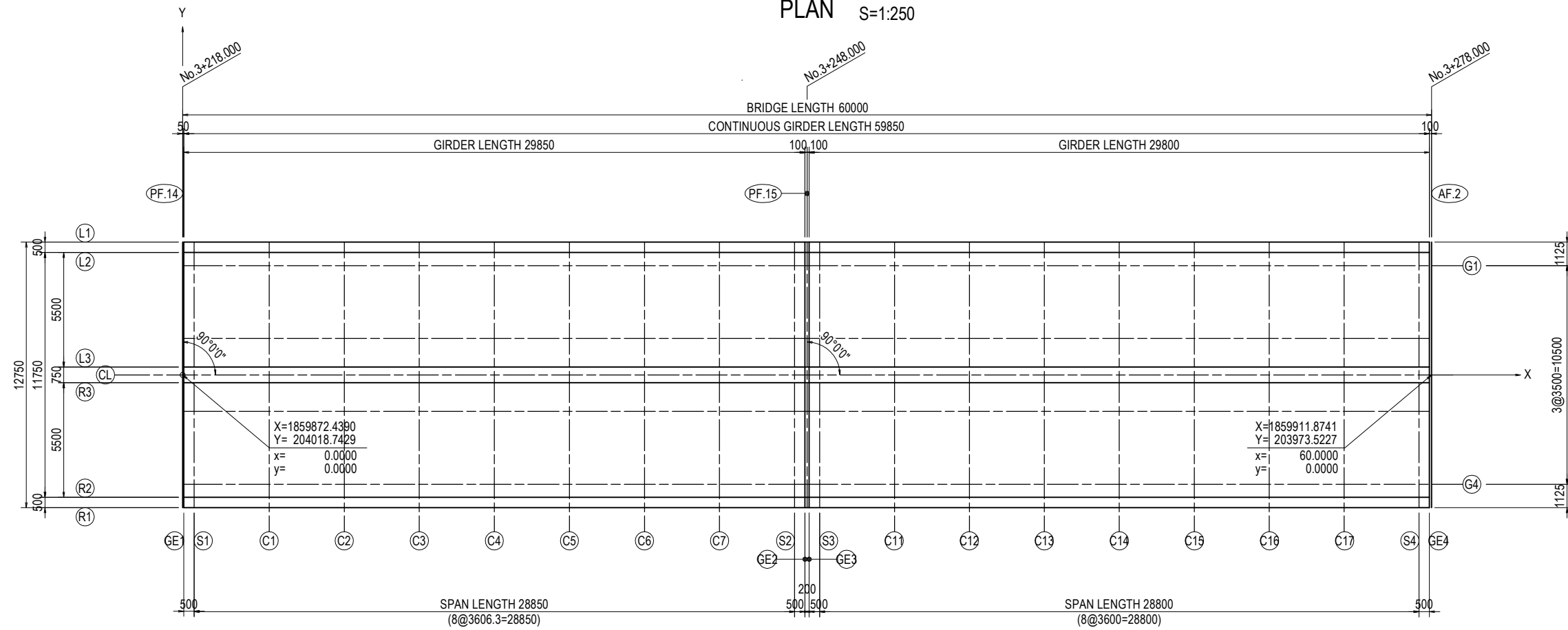


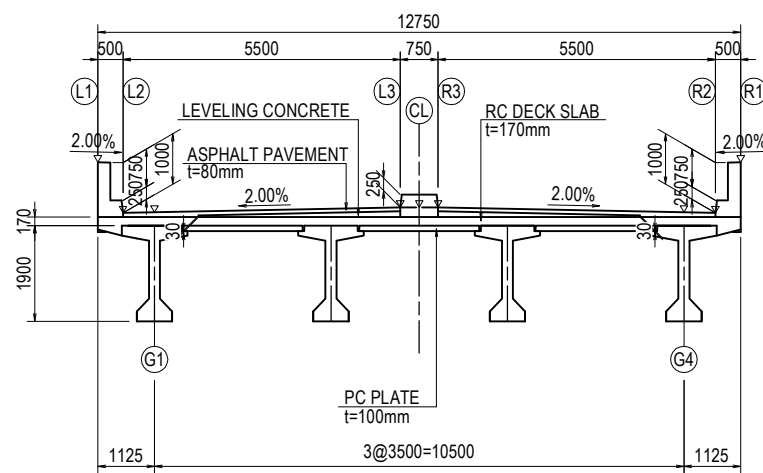
SUPERSTRUCTURE COORDINATES (PF14-AF2) (1)

PLAN S=1:250

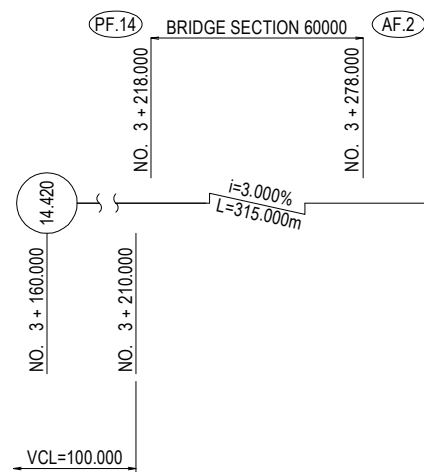


How to set the small coordinates
 X coordinate : Starting point is intersection of PF14 and CL
 Ending point is intersection of AF2 and CL
 Y coordinate : Perpendicular to X line

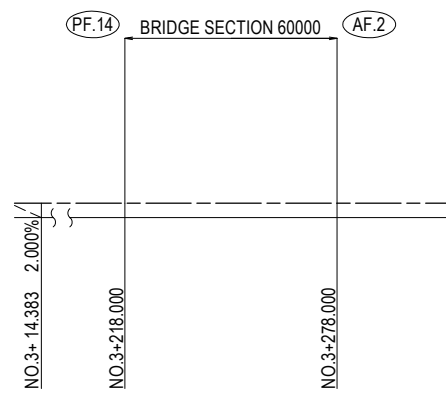
TYPICAL CROSS SECTION S=1:150



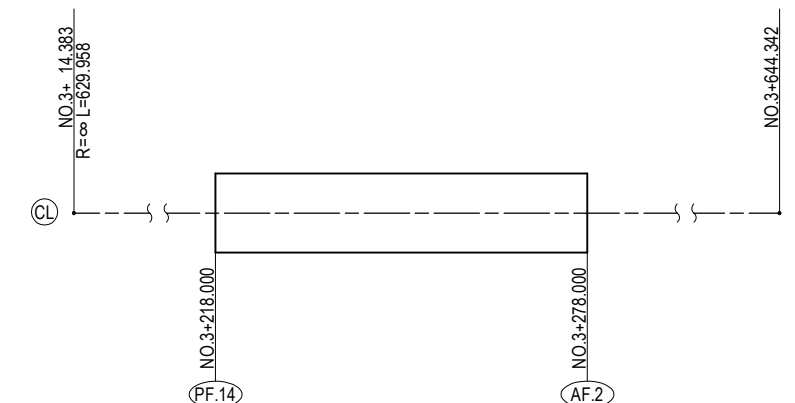
GRADE FOR LONGITUDINAL



SUPER ELEVATION



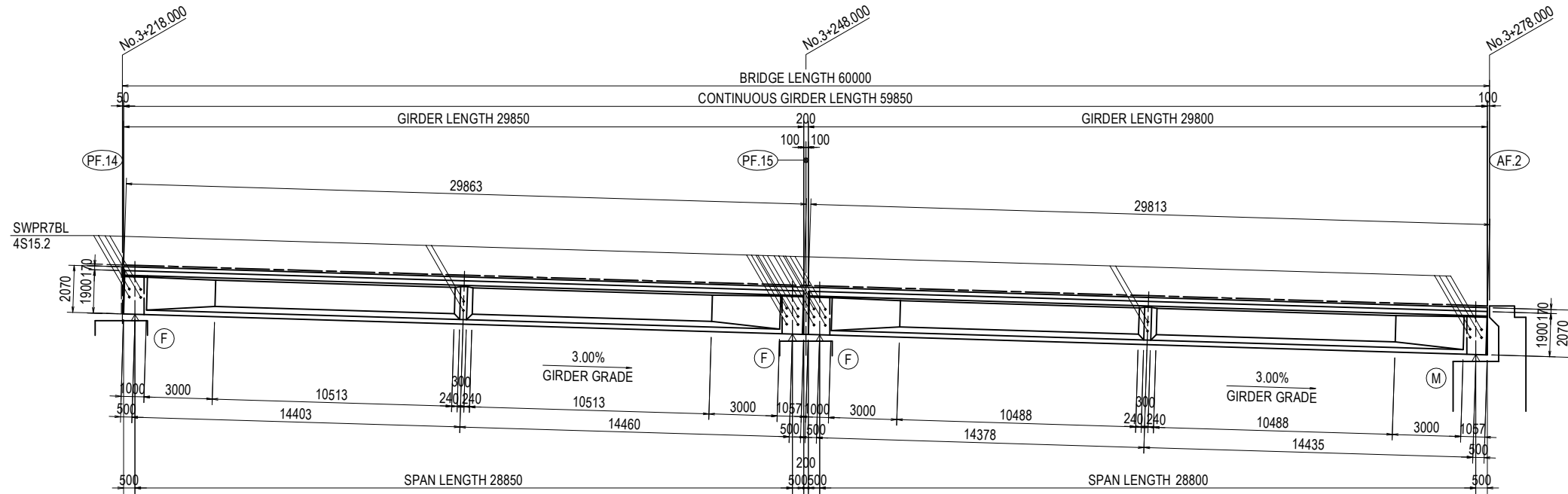
CURB ELEMENTS



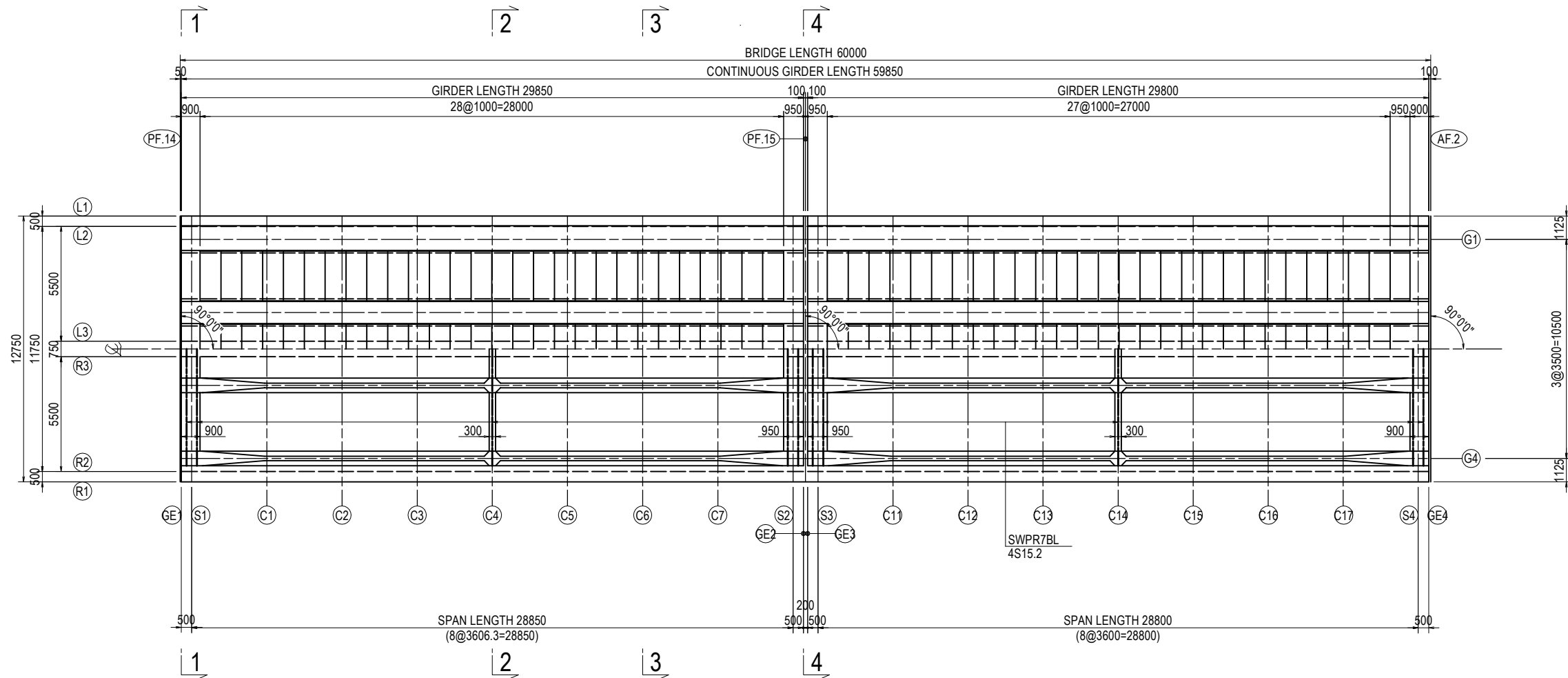
CHANGING POINT	STATION POINT	X COORDINATE	Y COORDINATE	ELEMENT
	3+ 14.383	1859738.6113	204172.2029	R= ∞
	3+644.342	1860152.6530	203697.4219	

GENERAL VIEW OF SUPERSTRUCTURE (PF14-AF2) (1)

SIDE VIEW S=1:250



PLAN S=1:250



PROJECT NAME
 DETAILED DESIGN ON
 BAGO RIVER BRIDGE
 CONSTRUCTION PROJECT

FINANCED BY
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

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

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

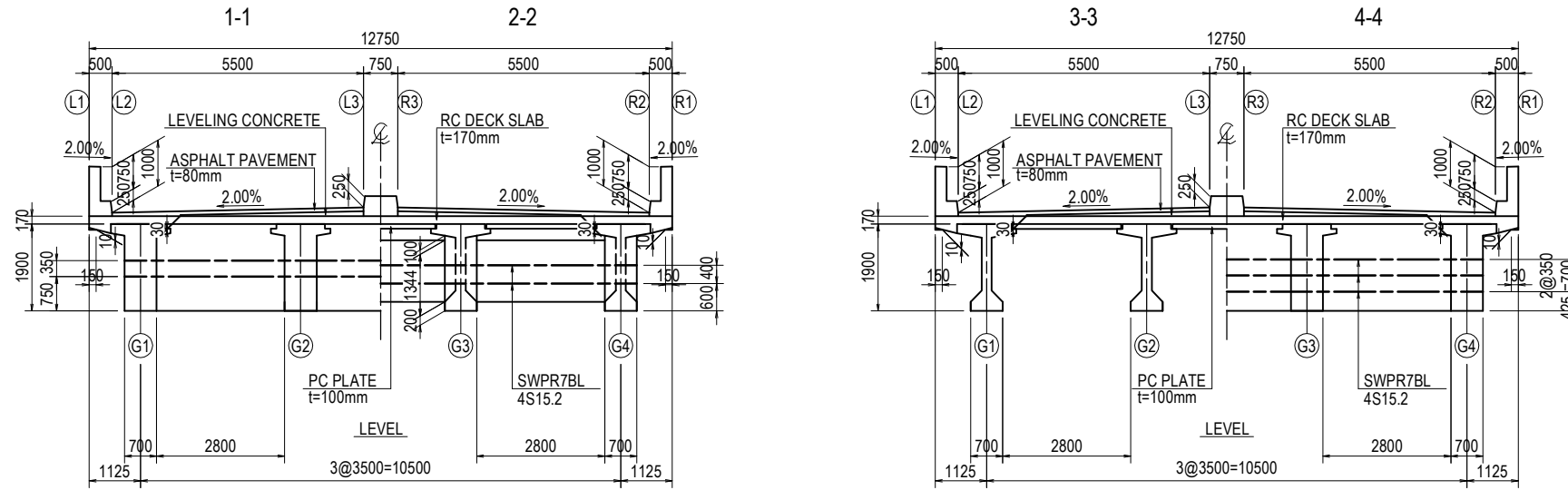
	NAME	SIGNATURE	DATE
PREPARED BY	Y. SUZUKI	<i>YS</i>	14 Jul. 2017
CHECKED BY	T. HAYAKAWA	<i>Hayakawa</i>	20 Jul. 2017
APPROVED BY	Y. SANO	<i>Y. Sano</i>	25 Jul. 2017

DRAWING TITLE
 GENERAL VIEW OF SUPERSTRUCTURE (PF14-AF2) (1)

PACKAGE
 3
 DWG No.
 P3-FO-1303

GENERAL VIEW OF SUPERSTRUCTURE (PF14-AF2) (2)

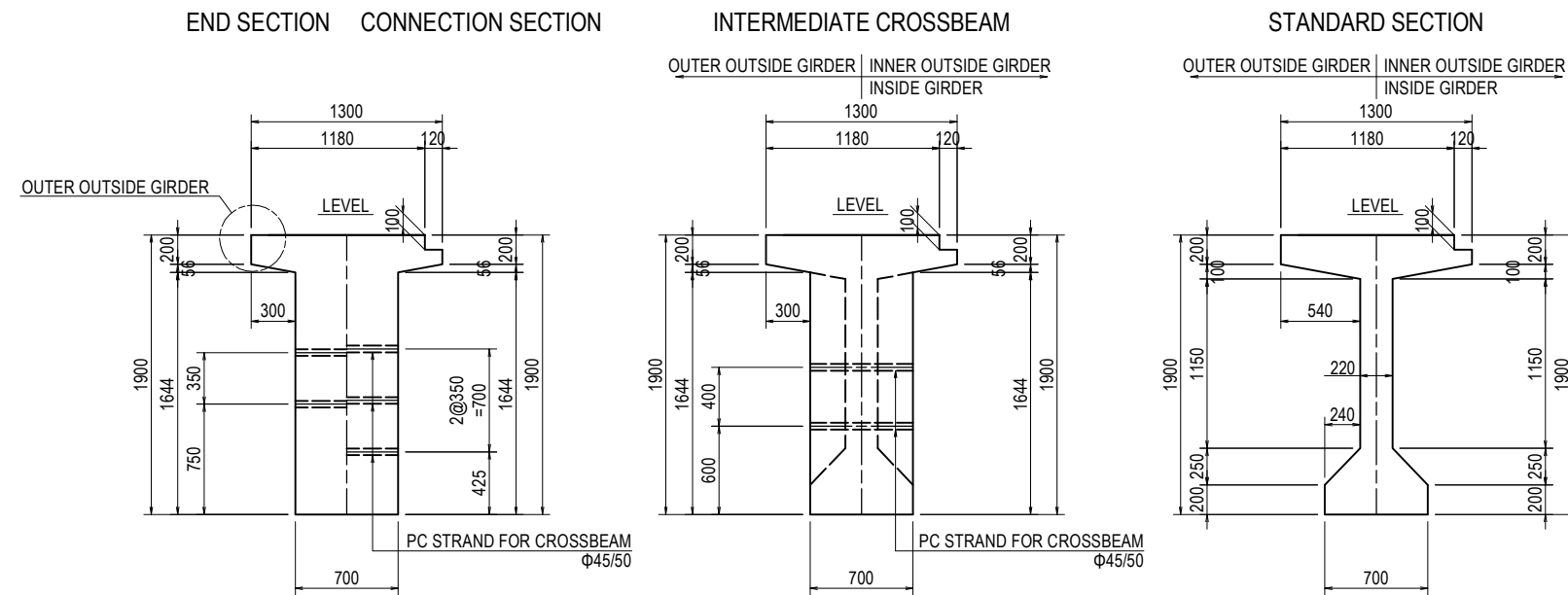
CROSS SECTION S=1:150



DESIGN CONDITION

ROAD GRADE	Equivalent to CLASS 4-1
BRIDGE TYPE	2 span continuous PC-I girder bridge with composite deck(PC plate and RC deck)
BRIDGE LENGTH	L = 60.000 m
SPAN LENGTH	L = 28.850 + 28.800 m
WIDTH OF THE ROAD	TOTAL : 12.750 m L = 0.500 + 5.500 + 0.750 + 5.500 + 0.500 m
HORIZONTAL ALIGNMENT	R=∞
LONGITUDINAL SLOPE	3.00%
SECTION SLOPE	2.00%
ANGLE OF SKEW	PF.14,PF.15,AF.2 : 90°00'00"
PAVEMENT	ASPHALT PAVEMENT t = 80 mm
SLAB	RC DECK SLAB t = 170 mm
PLATE	PC PLATE t = 100 mm
LIVE ROAD	AASHTO HL-93
DESIGN STANDARD	AASHTO LRFD BRIDGE DESIGN 2014(LIVE ROAD) Specifications for highway bridges(Japan Road Association) 1 Common matters,3 Concrete bridges,5 seismic design (April 2012)

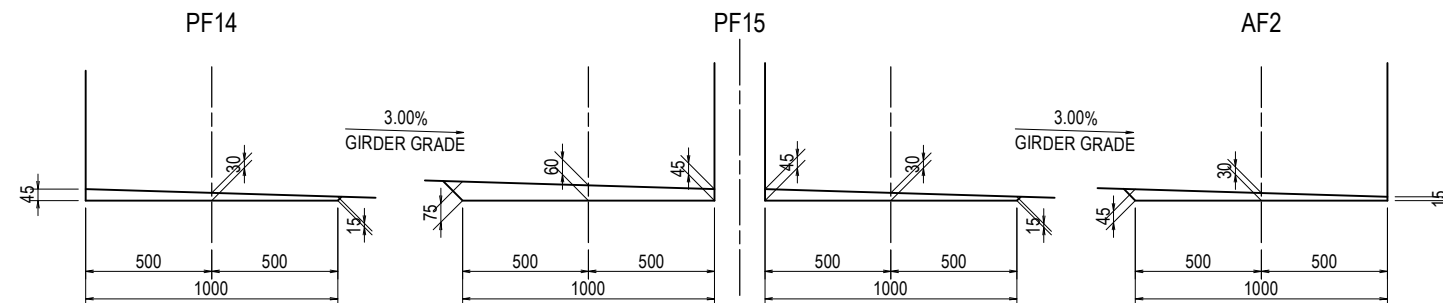
CROSS SECTION OF MAIN GIRDER S=1:50



MATERIALS STRENGTH

		(N/mm ²)				
CONCRETE		MAIN GIRDER	CROSS BEAM	PC PLATE	RC SLAB	COUPLING CONCRETE
DESIGN STANDARD STRENGTH OF CONCRETE		40.0	30.0	40.0	30.0	30.0
BENDING COMPRESSIVE STRESS	IMMEDIATELY AFTER PRESTRESSING	19.0	14.0	19.0	—	—
	OTHERS	14.0	11.0	15.0	10.0	10.0
BENDING TENSILE STRESS	IMMEDIATELY AFTER PRESTRESSING	-1.5	-1.2	-1.5	—	—
	DEAD LOAD	0.0	0.0	—	—	—
		OTHERS	-1.5	-1.2	0.0	—
MEAN SHEAR STRESS CONCRETE CAN CARRY		0.55	0.45	—	—	—
MAXIMUM MEAN CONCRETE SHEAR STRESS		IN CASE WHERE ONLY SHEAR FORCES				
		5.3	4.0	—	—	—
ALLOWABLE DIAGONEL TENSILE STRESS (DEAD LOAD)		IN CASE WHERE ONLY SHEAR FORCES				
		-1.0	-0.8	—	—	—
ALLOWABLE DIAGONEL TENSILE STRESS (LIVE LOAD)		IN CASE WHERE ONLY SHEAR FORCES				
		-2.0	-1.7	—	—	—

LAYER S=1:30



		(N/mm ²)		
PC STRAND		SWPR7BL 7S15.2mm	SWPR7BL 4S15.2mm	SWPR7AL 1S9.3mm
TENSILE STRENGTH		1850	1850	1700
YIELD POINT		1600	1600	1450
ALLOWABLE TENSILE STRESS	DURING PRESTRESSING	1440	1440	1305
	IMMEDIATELY AFTER PRESTRESSING	1295	1295	1190
	UNDER DESIGN LOAD	1110	1110	1020

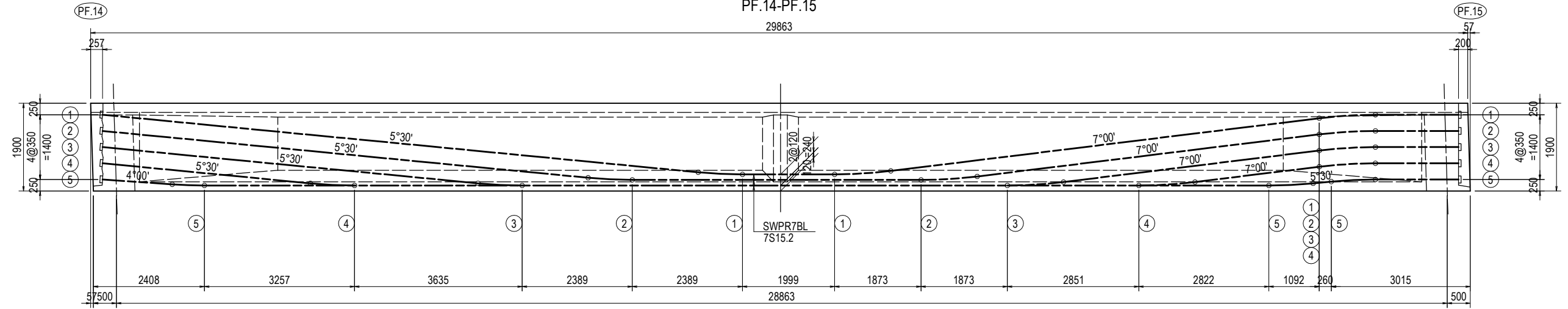
		(N/mm ²)			
REINFORCING STEEL		MAIN GIRDER	CROSS BEAM	RC SLAB	COUPLING CONCRETE
STEEL TYPE		SD345	SD345	SD345	SD345
YIELD POINT		345	345	345	345
ALLOWABLE TENSILE STRESS	DEAD LOAD	—	—	100	100
	DESIGN LOAD	180	180	140	160
	EARTHQUAKE LOAD	—	200	—	—

PC STRAND ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (1)

SIDE VIEW S=1:100

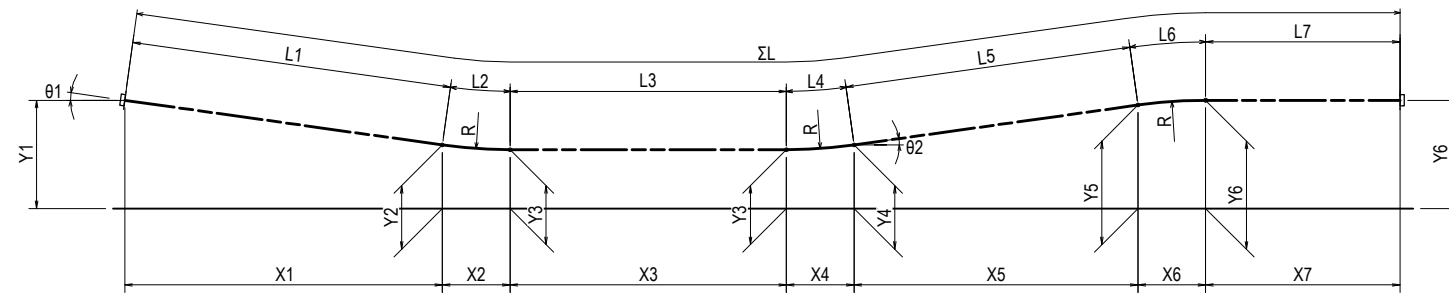
PF.14-PF.15

29863



PC STRAND LENGTH & ELEVATION

7S15.2
w=7.707 kg/m
R=10.000m

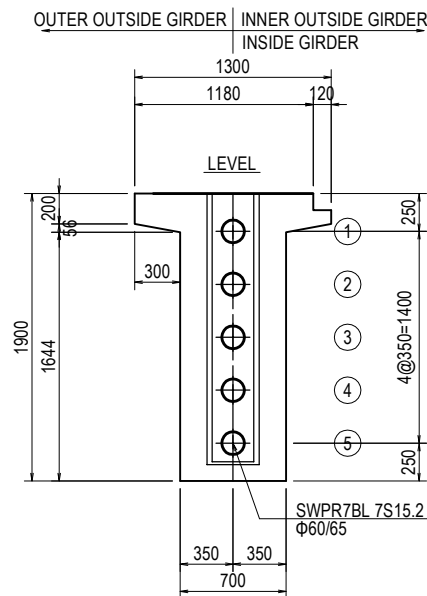


PF.14-PF.15

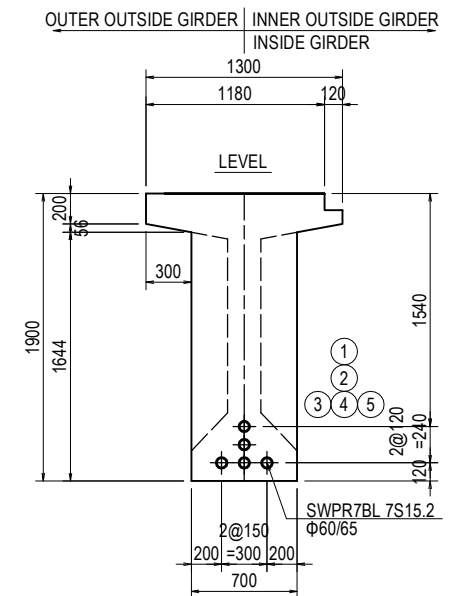
PC STRAND No	θ1	θ2	Y1	Y2	Y3	Y4	Y5	Y6	X1	X2	X3	X4	X5	X6	X7	L1	L2	L3	L4	L5	L6	L7	ΣL	WEIGHT
1	5°30'	7°00'	1650	406	360	435	1576	1650	12919	959	1999	1218	9292	1219	1800	12979	960	1999	1222	9362	1222	1800	29544	227.70
2	5°30'	7°00'	1300	286	240	315	1226	1300	10530	959	6261	1218	7419	1219	1800	10579	960	6261	1222	7475	1222	1800	29519	227.50
3	5°30'	7°00'	950	166	120	195	876	950	8142	958	10523	1219	5545	1219	1800	8179	960	10523	1222	5587	1222	1800	29493	227.30
4	5°30'	7°00'	600	166	120	195	526	600	4507	958	17009	1218	2695	1219	1800	4528	960	17009	1222	2715	1222	1800	29456	227.02
5	4°00'	5°30'	250	144	120	166	204	250	1511	697	23087	959	394	958	1800	1514	698	23087	960	396	960	1800	29415	226.70
TOTAL																						147427	1163.2	

CROSS SECTION OF MAIN GIRDER S=1:50

END SECTION



INTERMEDIATE CROSSBEAM

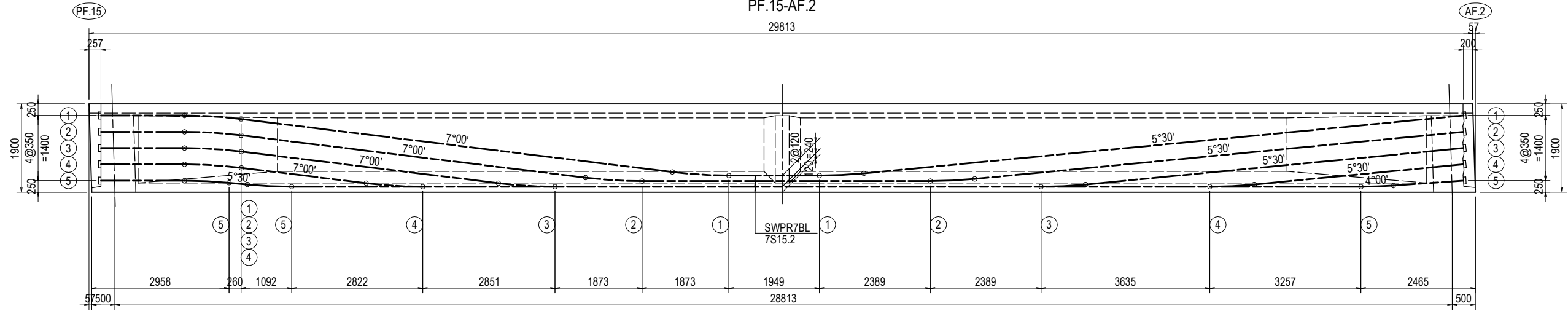


PC STRAND ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (2)

SIDE VIEW S=1:100

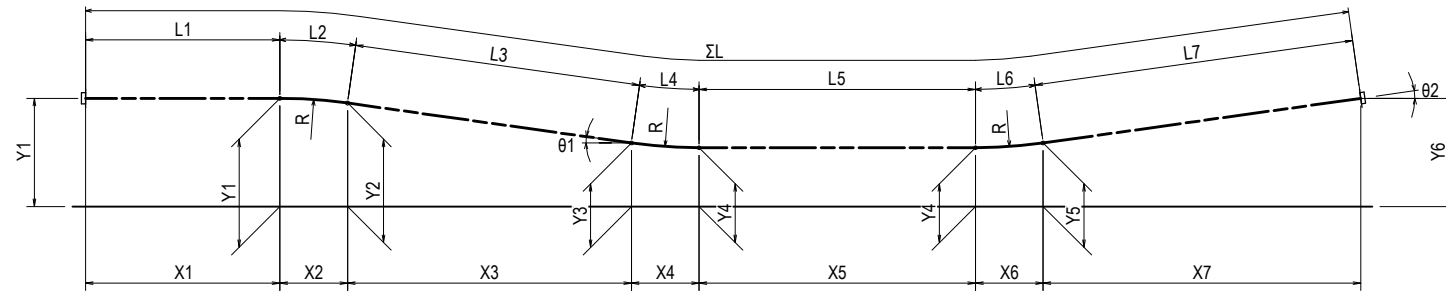
PF.15-AF.2

29813



PC STRAND LENGTH & ELEVATION

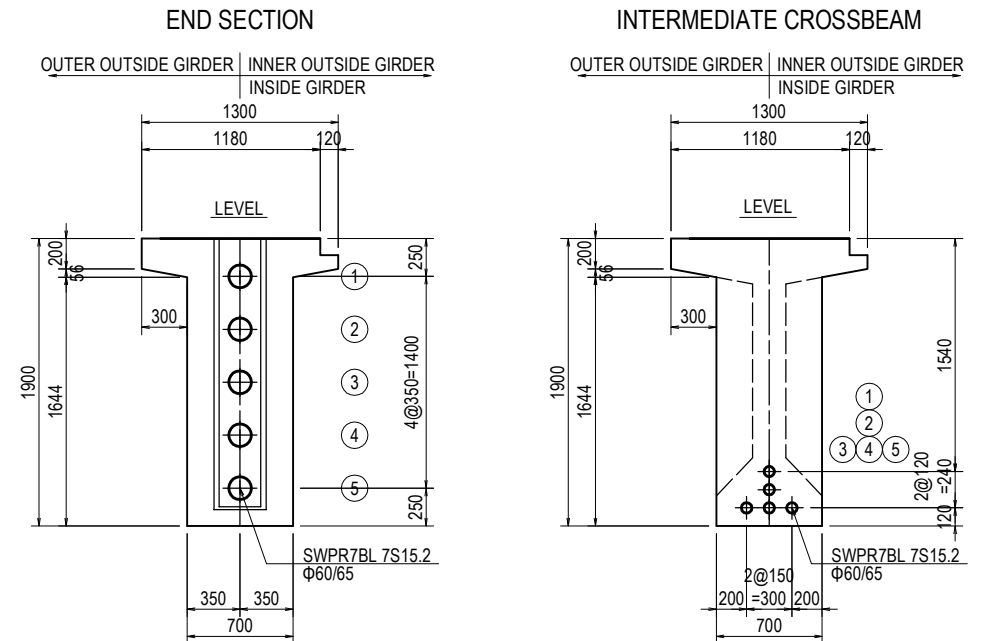
7S15.2
w=7.707 kg/m
R=10.000m



PF.15-AF.2

PC STRAND No	θ1	θ2	Y1	Y2	Y3	Y4	Y5	Y6	X1	X2	X3	X4	X5	X6	X7	L1	L2	L3	L4	L5	L6	L7	ΣL	WEIGHT
1	7°00'	5°30'	1650	1576	435	360	406	1650	1800	1219	9292	1219	1949	958	12919	1800	1222	9362	1222	1949	960	12979	29494	224.31
2	7°00'	5°30'	1300	1226	315	240	286	1300	1800	1219	7419	1218	6217	959	10530	1800	1222	7475	1222	6217	960	10579	29475	227.16
3	7°00'	5°30'	950	876	195	120	166	950	1800	1219	5545	1219	10473	958	8142	1800	1222	5587	1222	10473	960	8179	29443	226.92
4	7°00'	5°30'	600	526	195	120	166	600	1800	1219	2695	1219	16959	958	4507	1800	1222	2715	1222	16959	960	4528	29406	226.63
5	5°30'	4°00'	250	204	166	120	144	250	1800	959	393	959	23037	697	1511	1800	960	396	960	23037	698	1514	29365	226.32
TOTAL																						147183	1134.3	

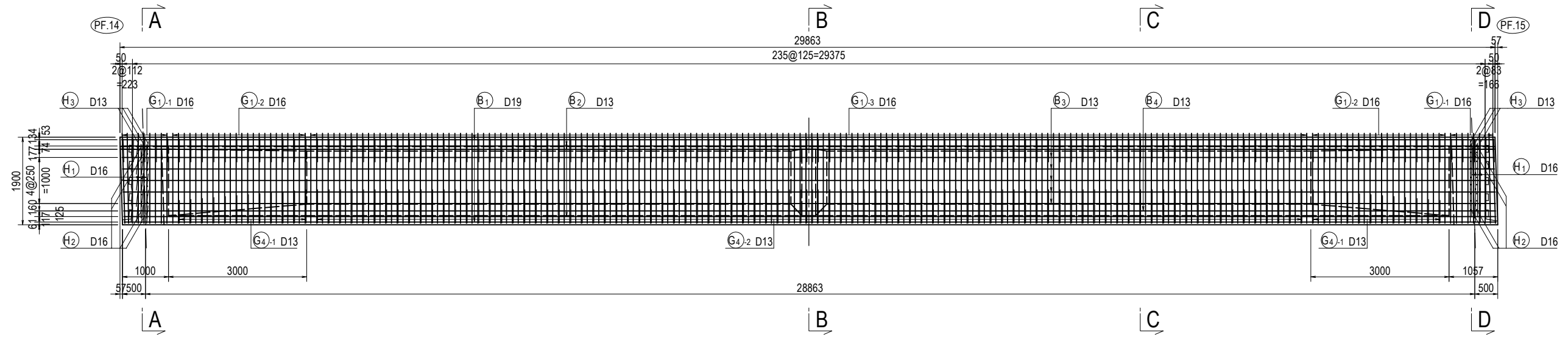
CROSS SECTION OF MAIN GIRDER S=1:50



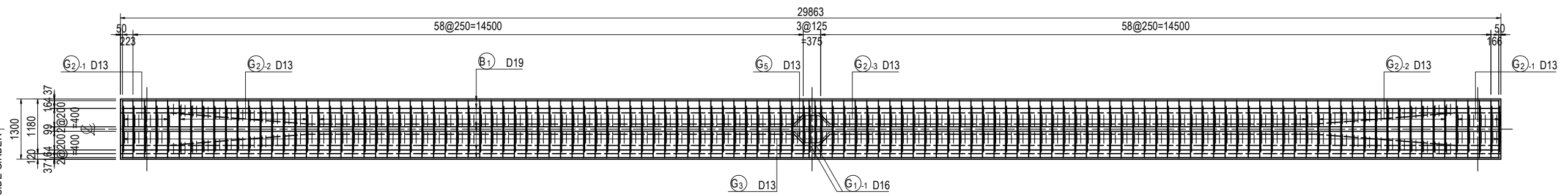
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	Y. SUZUKI	<i>YS</i>	14 Jul. 2017	PC STRAND ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (2)	3
				T. HAYAKAWA	<i>Hayakawa</i>	20 Jul. 2017		DWG No.
				Y. SANO	<i>Y. Sano</i>	25 Jul. 2017		P3-FO-1306

BAR ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (1)

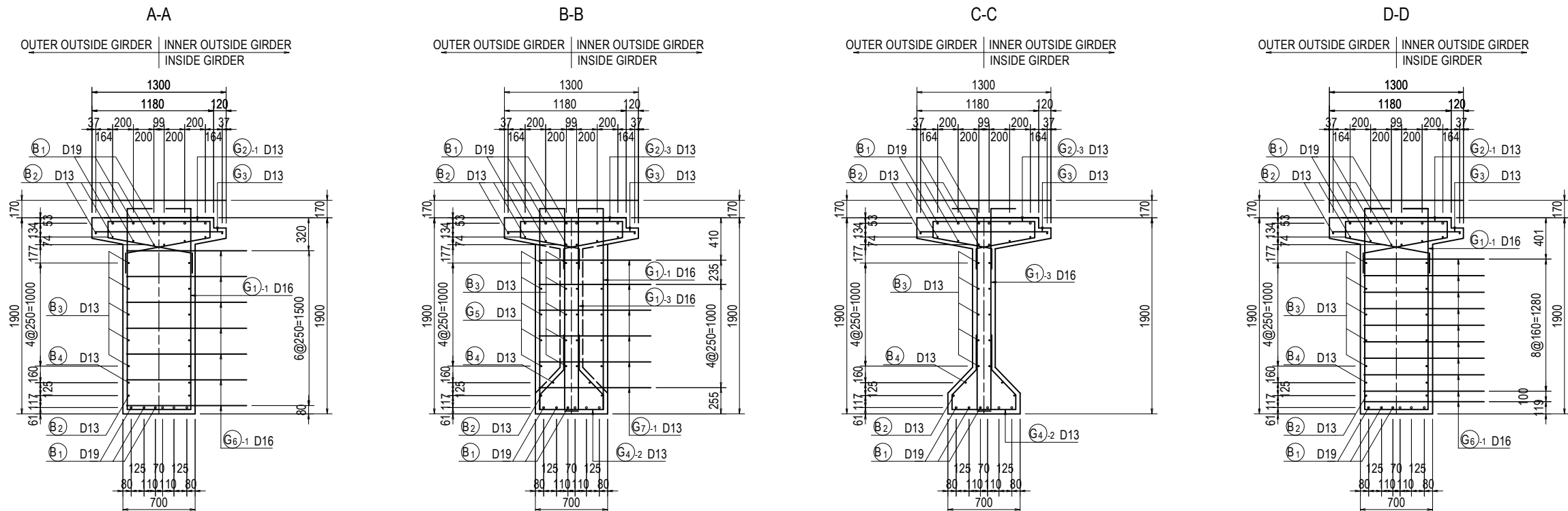
SIDE VIEW S=1:100
PF.14-PF.15



PLAN S=1:100

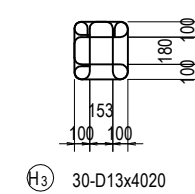
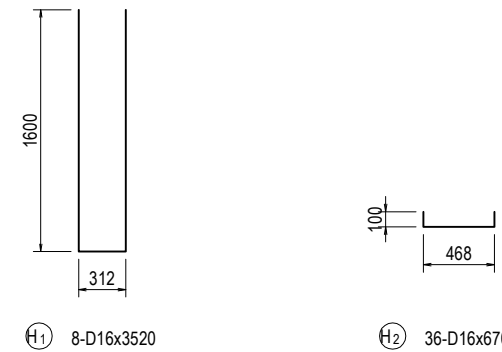
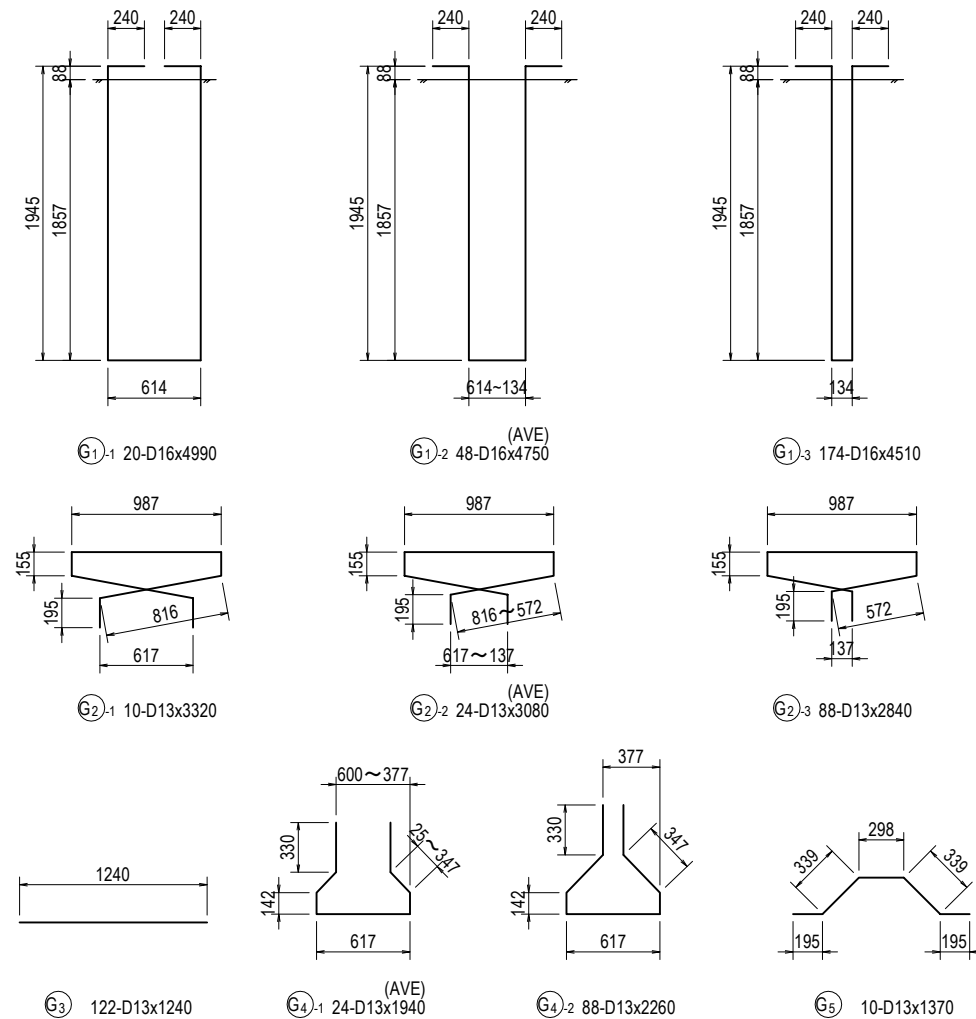
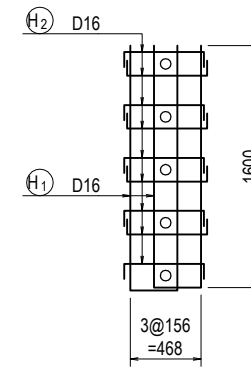
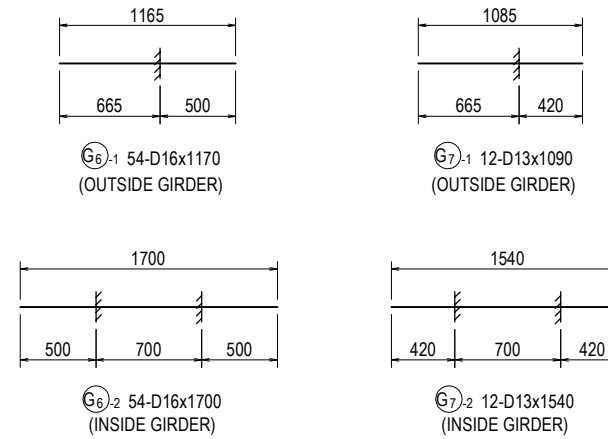
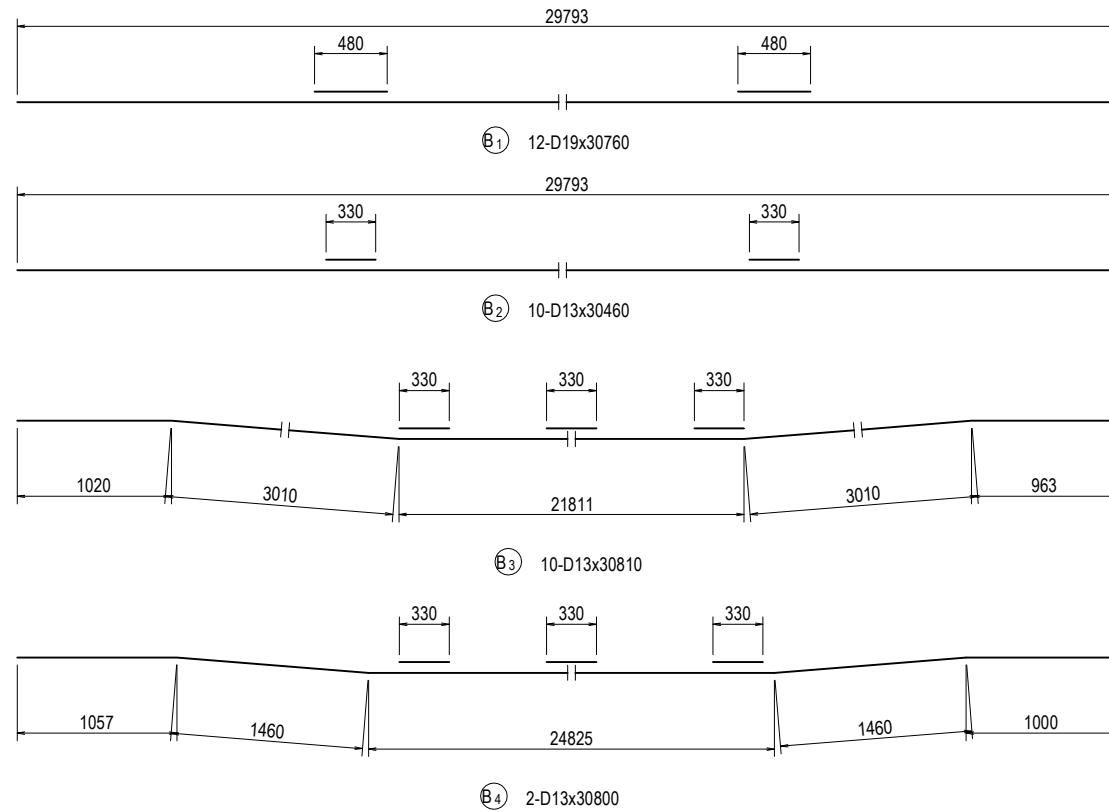


CROSS SECTION OF MAIN GIRDER S=1:50



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
							BAR ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (1)	3	
								DWG No.	
								P3-FO-1307	

BAR ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (2)



BAR LIST

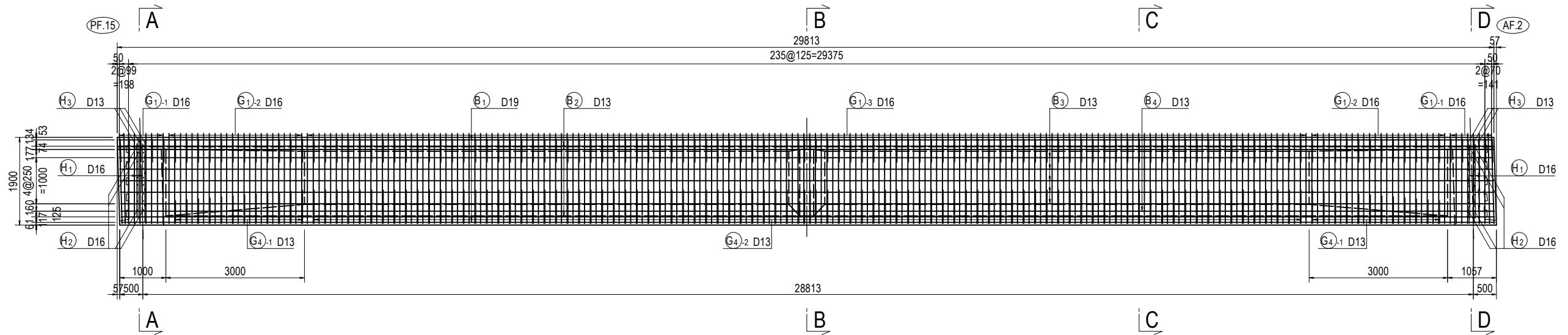
REBAR NO.	DIA (mm)	LENGHT (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
B 1	D19	30760	12	2.25	69.21	831	
B 2	D13	30460	10	0.995	30.31	303	
B 3	D13	30810	10	0.995	30.66	307	
B 4	D13	30800	2	0.995	30.65	61	
G 1 -1	D16	4990	20	1.56	7.78	156	
G 1 -2	D16	4750	48	1.56	7.41	356	AVERAGE
G 1 -3	D16	4510	174	1.56	7.04	1225	
G 2 -1	D13	3320	10	0.995	3.30	33	
G 2 -2	D13	3080	24	0.995	3.06	73	AVERAGE
G 2 -3	D13	2840	88	0.995	2.83	249	
G 3	D13	1240	122	0.995	1.23	150	
G 4 -1	D13	1940	24	0.995	1.93	46	AVERAGE
G 4 -2	D13	2260	88	0.995	2.25	198	
G 5	D13	1370	10	0.995	1.36	14	
G 6 -1	D16	1170	54	1.56	1.83	99	OUTSIDE GIRDER
G 6 -2	D16	1700	54	1.56	2.65	143	INSIDE GIRDER
G 7 -1	D13	1090	12	0.995	1.08	13	OUTSIDE GIRDER
G 7 -2	D13	1540	12	0.995	1.53	18	INSIDE GIRDER
H 1	D16	3520	8	1.56	5.49	44	
H 2	D16	670	36	1.56	1.05	38	
H 3	D13	4020	30	0.995	4.00	120	
					D19	831 kg	(831) kg
					D16	1962 kg	(1918) kg
					D13	1572 kg	(1567) kg
					TOTAL	4365 kg	(4316) kg

Note: The value of inside () are for OUTSIDE GIRDER.

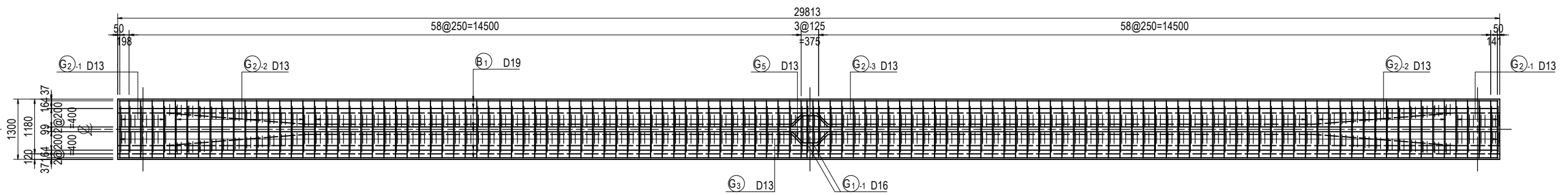
BAR ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (3)

SIDE VIEW S=1:100

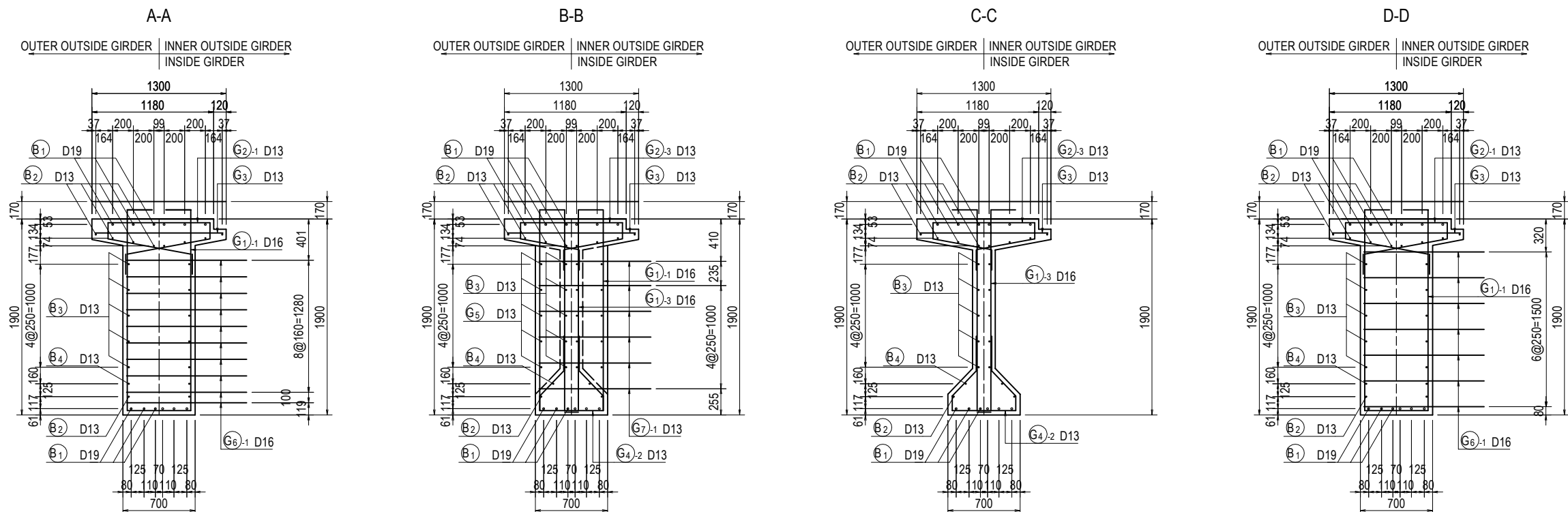
PF.15-AF.2



PLAN S=1:100

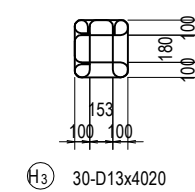
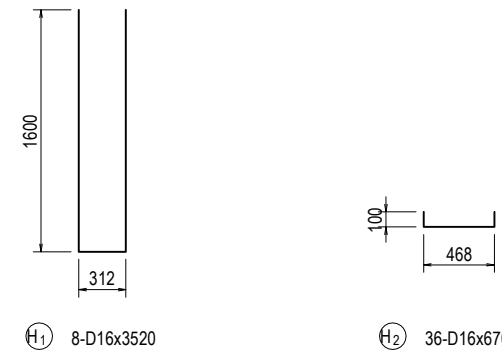
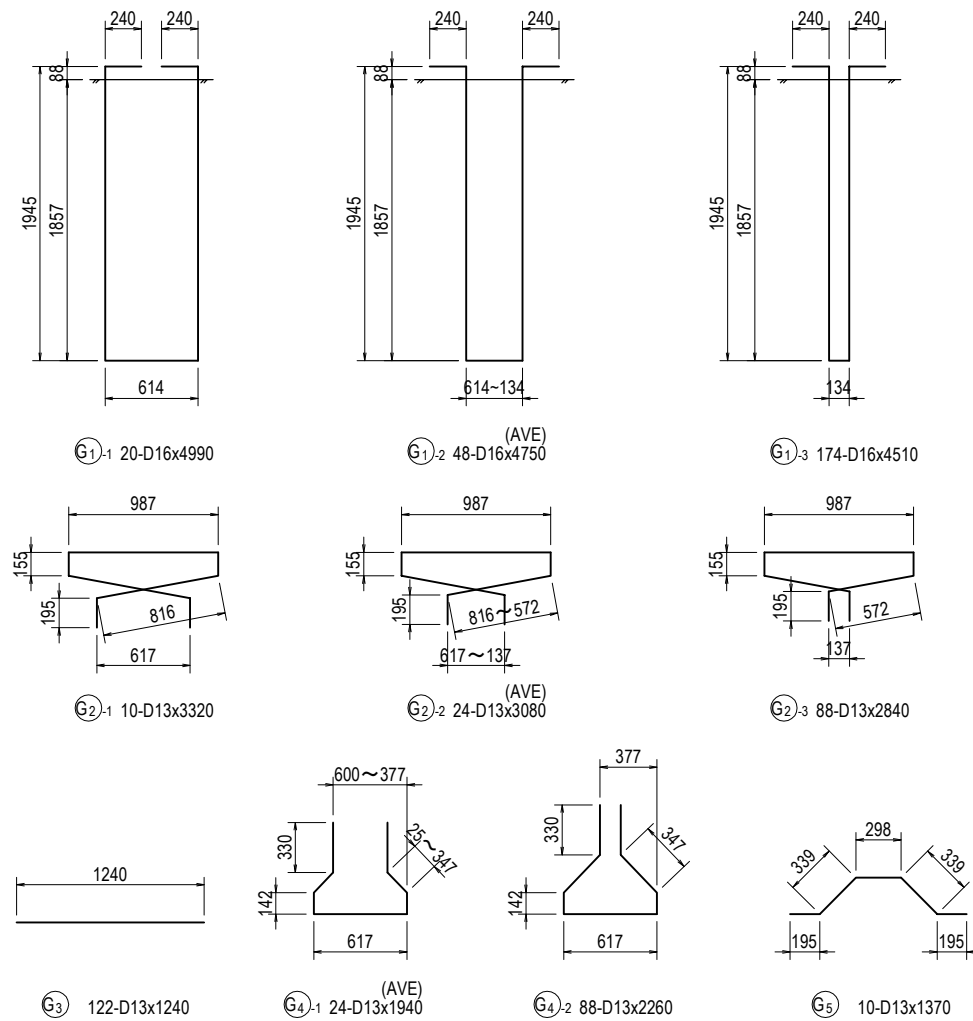
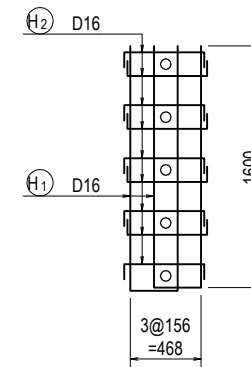
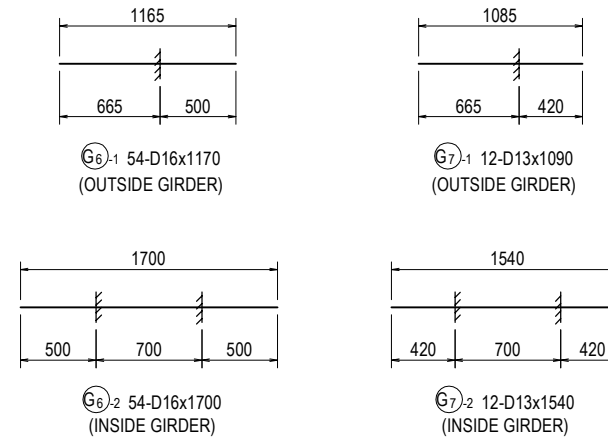
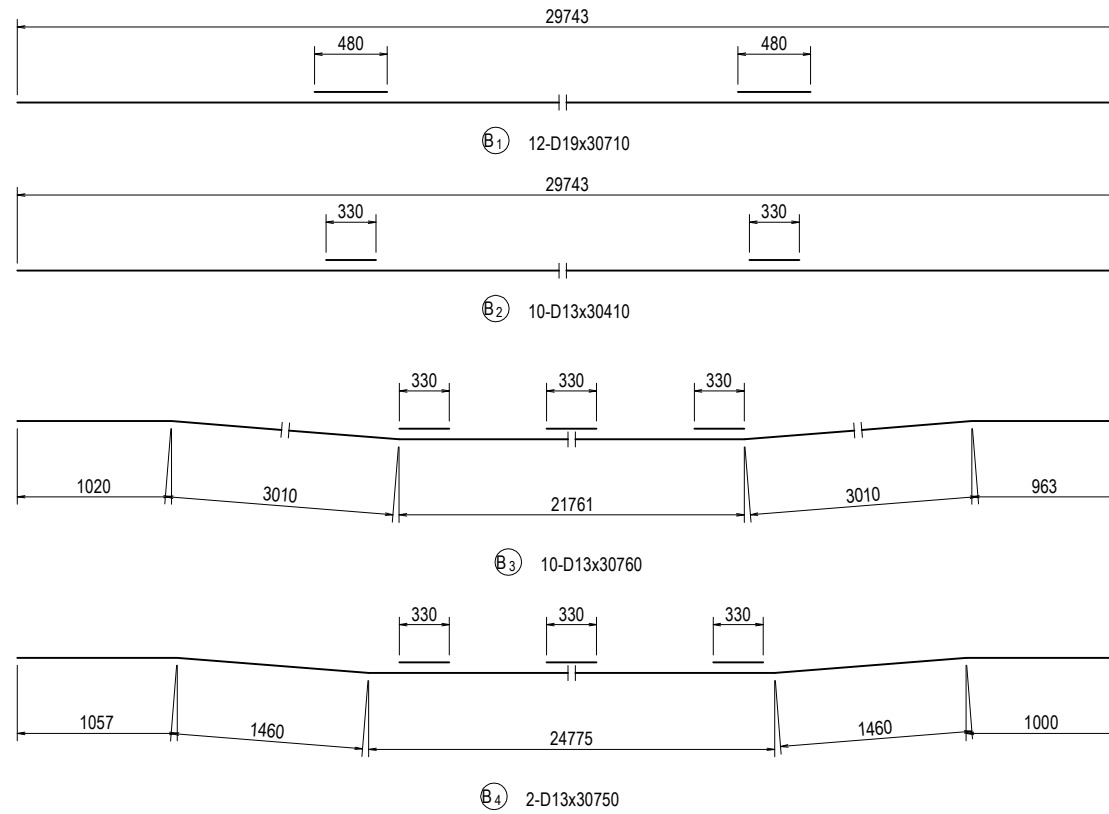


CROSS SECTION OF MAIN GIRDER S=1:50



PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
							BAR ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (3)	3	
								DWG No.	
								P3-FO-1309	

BAR ARRANGEMENT OF MAIN GIRDER (PF14-AF2) (4)



BAR LIST

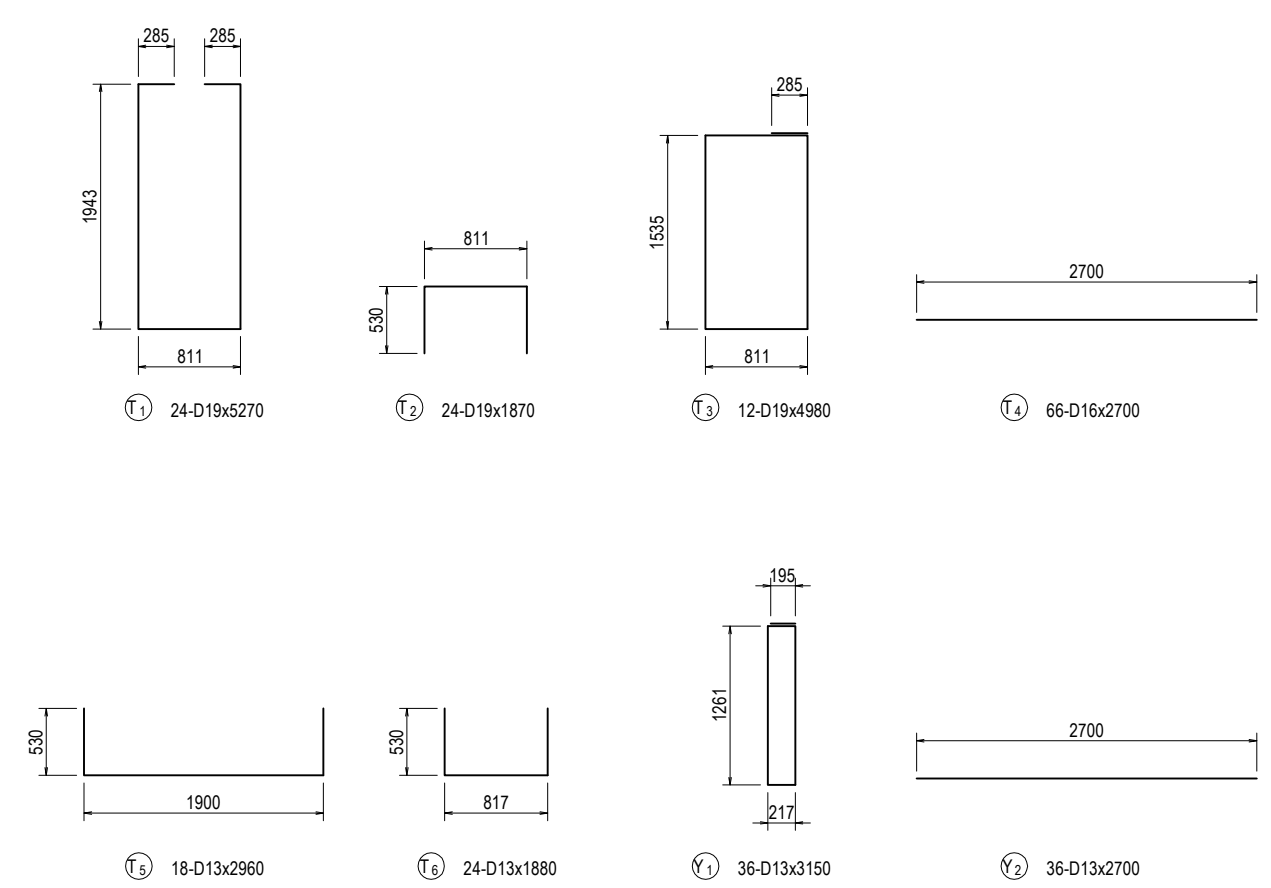
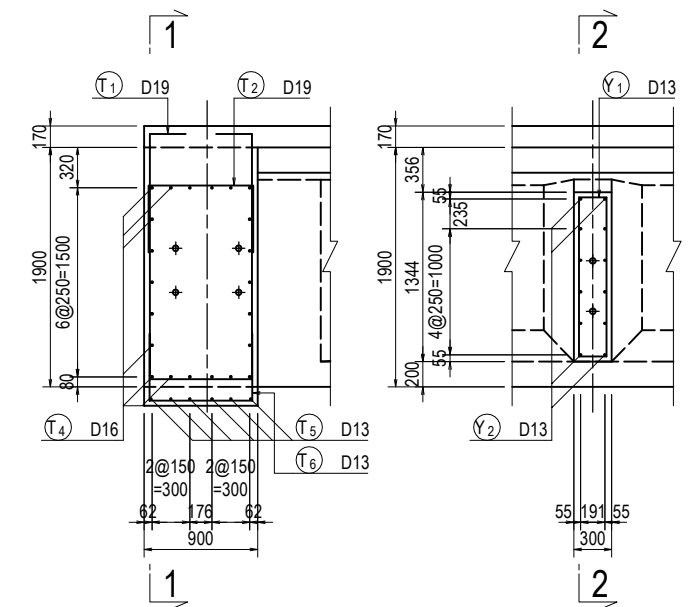
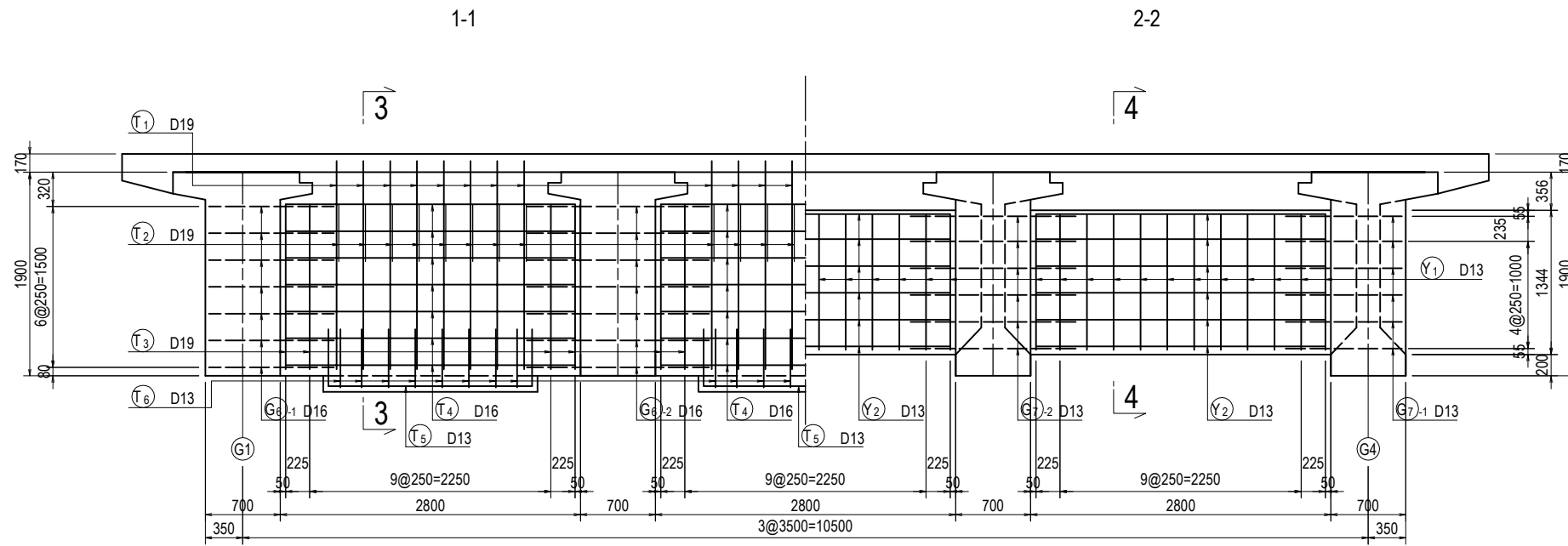
REBAR NO.	DIA (mm)	LENGHT (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
B 1	D19	30710	12	2.25	69.10	829	
B 2	D13	30410	10	0.995	30.26	303	
B 3	D13	30760	10	0.995	30.61	306	
B 4	D13	30750	2	0.995	30.60	61	
G 1 -1	D16	4990	20	1.56	7.78	156	
G 1 -2	D16	4750	48	1.56	7.41	356	AVERAGE
G 1 -3	D16	4510	174	1.56	7.04	1225	
G 2 -1	D13	3320	10	0.995	3.30	33	
G 2 -2	D13	3080	24	0.995	3.06	73	AVERAGE
G 2 -3	D13	2840	88	0.995	2.83	249	
G 3	D13	1240	122	0.995	1.23	150	
G 4 -1	D13	1940	24	0.995	1.93	46	AVERAGE
G 4 -2	D13	2260	88	0.995	2.25	198	
G 5	D13	1370	10	0.995	1.36	14	
G 6 -1	D16	1170	54	1.56	1.83	99	OUTSIDE GIRDER
G 6 -2	D16	1700	54	1.56	2.65	143	INSIDE GIRDER
G 7 -1	D13	1090	12	0.995	1.08	13	OUTSIDE GIRDER
G 7 -2	D13	1540	12	0.995	1.53	18	INSIDE GIRDER
H 1	D16	3520	8	1.56	5.49	44	
H 2	D16	670	36	1.56	1.05	38	
H 3	D13	4020	30	0.995	4.00	120	
					D19	829 kg	(829) kg
					D16	1962 kg	(1918) kg
					D13	1571 kg	(1566) kg
					TOTAL	4362 kg	(4313) kg

Note: The value of inside () are for OUTSIDE GIRDER.

BAR ARRANGEMENT OF CROSSBEAM (PF14-AF2) (1)

CROSS SECTION S=1:60

SIDE VIEW S=1:60



PC STRAND LIST

	TYPE	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
CROSSBEAM AT END OF MAIN GIRDER	SWPR7BL 4S15.2	11200	8	4.404	49.325	394.6	
INTERMEDIATE CROSSBEAM	SWPR7BL 4S15.2	11200	4	4.404	49.325	197.3	
TOTAL LENGTH					ΣL=	134.400	m
TOTAL WEIGHT					ΣW=	519.9	kg

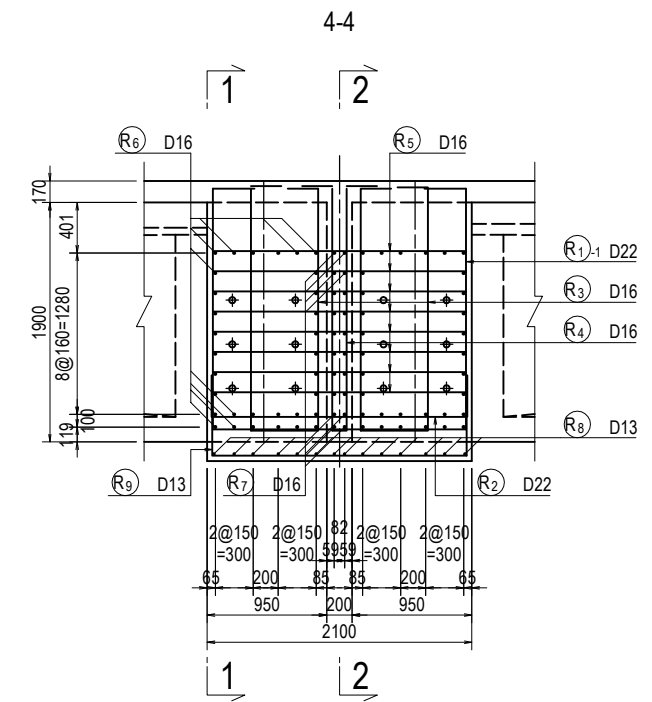
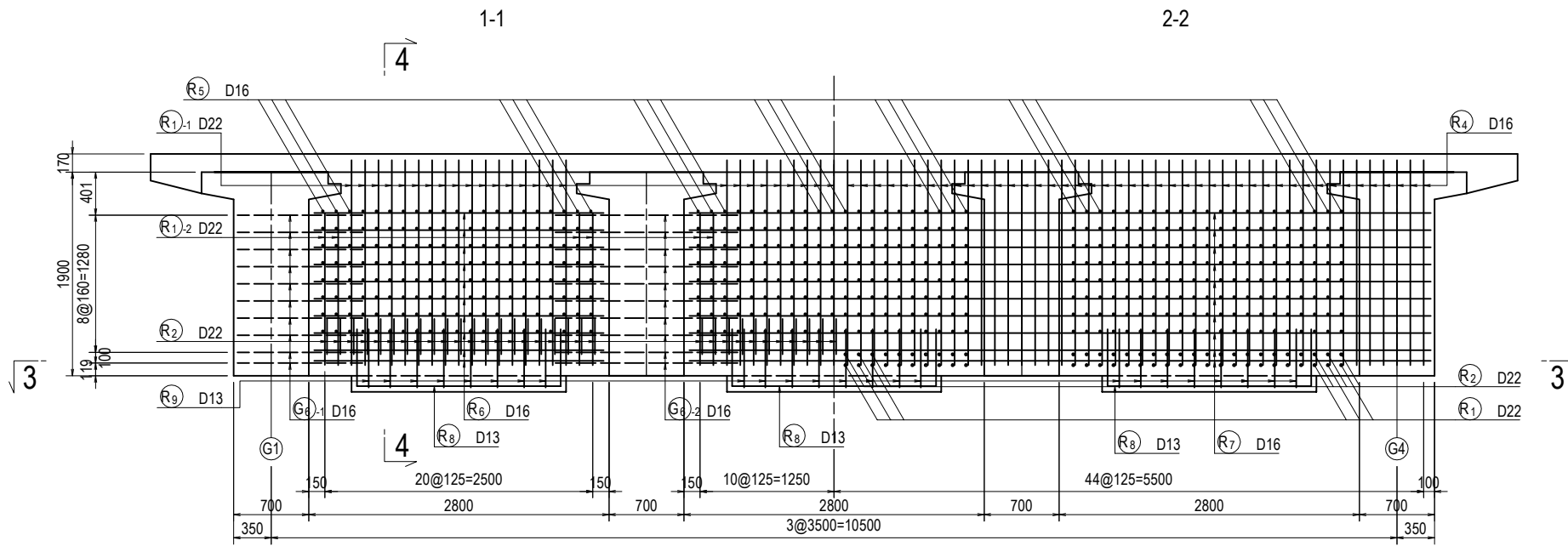
BAR LIST

REBAR NO.	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
T1	D19	5270	24	2.25	11.86	285	
T2	D19	1870	24	2.25	4.21	101	
T3	D19	4980	12	2.25	11.21	135	
T4	D16	2700	66	1.56	4.21	278	
T5	D13	2960	18	0.995	2.95	53	
T6	D13	1880	24	0.995	1.87	45	
Y1	D13	3150	36	0.995	3.13	113	
Y2	D13	2700	36	0.995	2.69	97	
				D19	521 kg	×2 =	1042 kg
				D16	278 kg	×2 =	556 kg
				D13	308 kg	×2 =	616 kg
				TOTAL	1107 kg	×2 =	2214 kg

BAR ARRANGEMENT OF CROSSBEAM (PF14-AF2) (2)

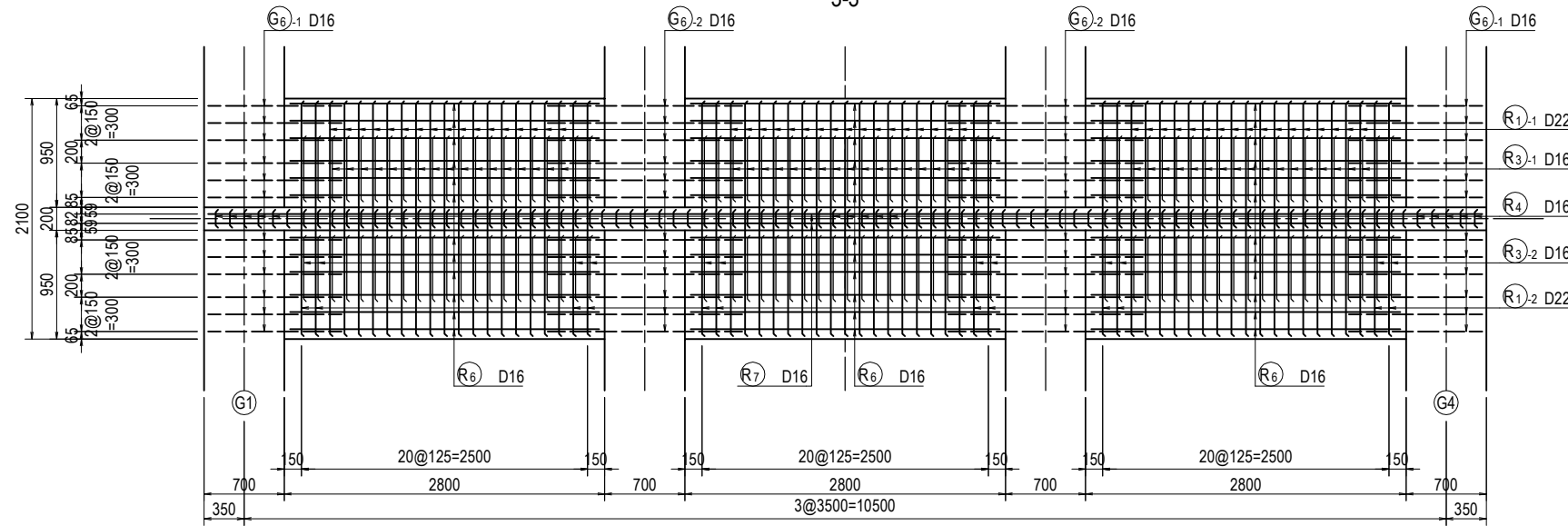
CROSS SECTION S=1:60

SIDE VIEW S=1:60



PLAN S=1:60

3-3

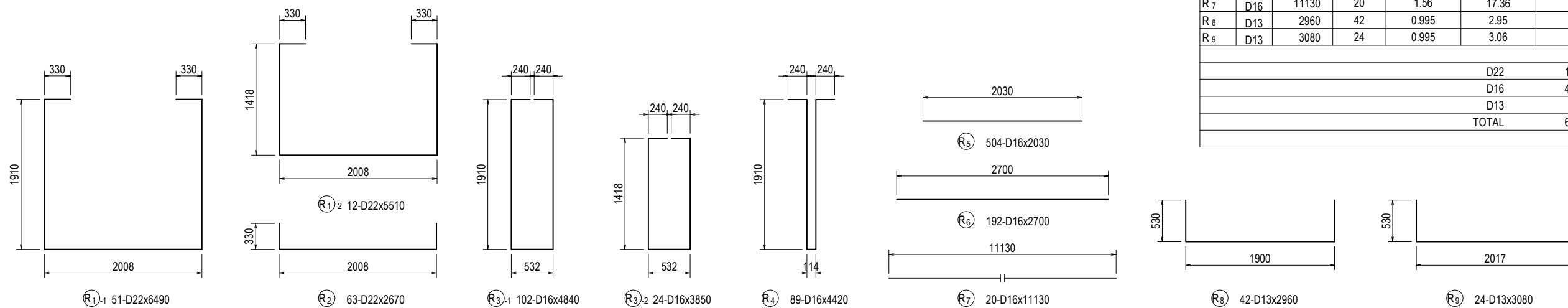


PC STRAND LIST

	TYPE	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
	CONNECTING CROSSBEAM	SWPR7BL 4S15.2	11200	12	4.404	49.325	591.9
TOTAL LENGTH						ΣL=	134.400 m
TOTAL WEIGHT						ΣW=	591.9 kg

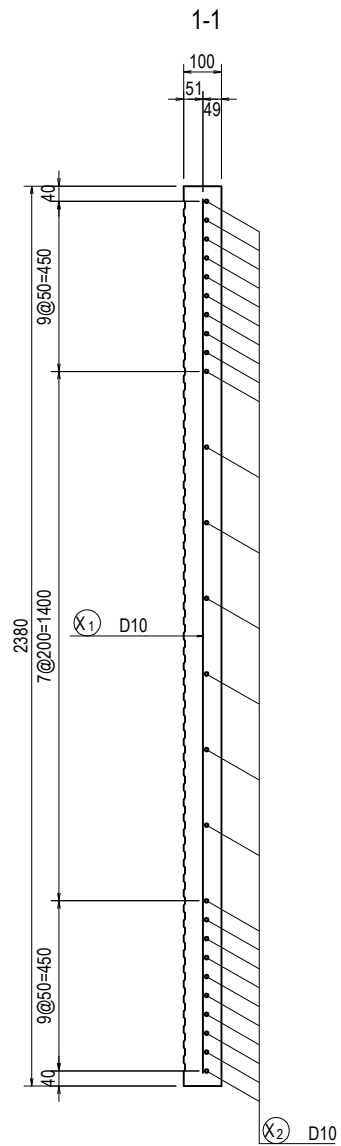
BAR LIST

REBAR NO.	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
R1-1	D22	6490	51	3.04	19.73	1006	
R1-2	D22	5510	12	3.04	16.75	201	
R2	D22	2670	63	3.04	8.12	512	
R3-1	D16	4840	102	1.56	7.55	770	
R3-2	D16	3850	24	1.56	6.01	144	
R4	D16	4420	89	1.56	6.90	614	
R5	D16	2030	504	1.56	3.17	1598	
R6	D16	2700	192	1.56	4.21	808	
R7	D16	11130	20	1.56	17.36	347	
R8	D13	2960	42	0.995	2.95	124	
R9	D13	3080	24	0.995	3.06	73	
D22						1719	kg
D16						4281	kg
D13						197	kg
TOTAL						6197	kg

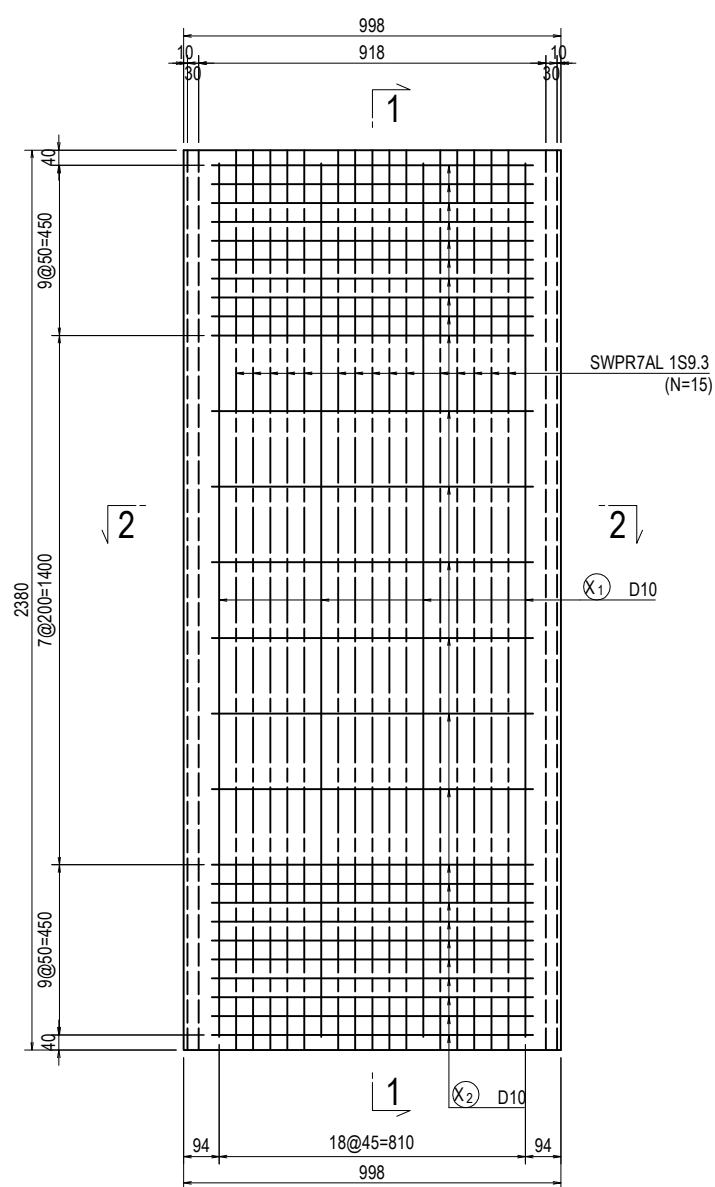


DETAIL OF PC PLATE FOR DECK SLAB (PF14-AF2)

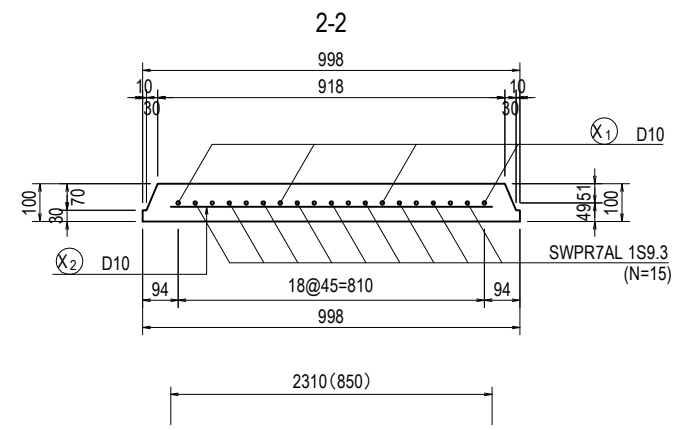
SIDE VIEW S=1:20



PLAN S=1:20
STANDARD

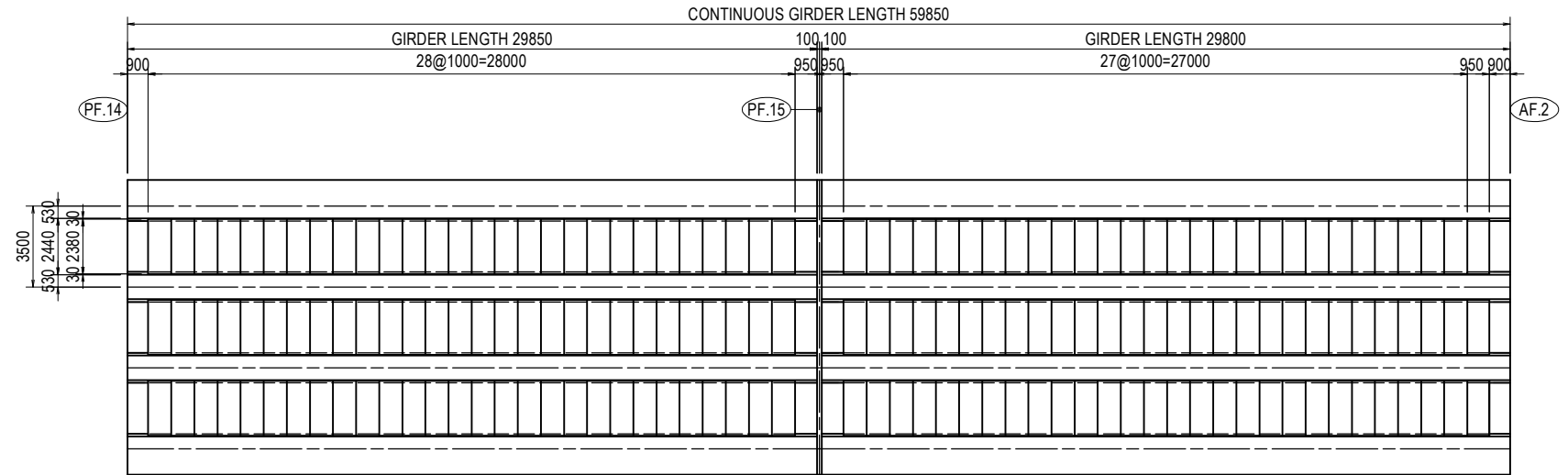


CROSS SECTION S=1:20



(X1) 4-D10x2310
(X2) 26-D10x850

KEY PLAN S=1:300



BAR LIST

REBAR NO.	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
X1	D10	2310	4	0.56	1.29	5.2	
X2	D10	850	26	0.56	0.48	12.5	
						17.7 kg	
TOTAL					17.7 kg	×168 =	2973.6 kg

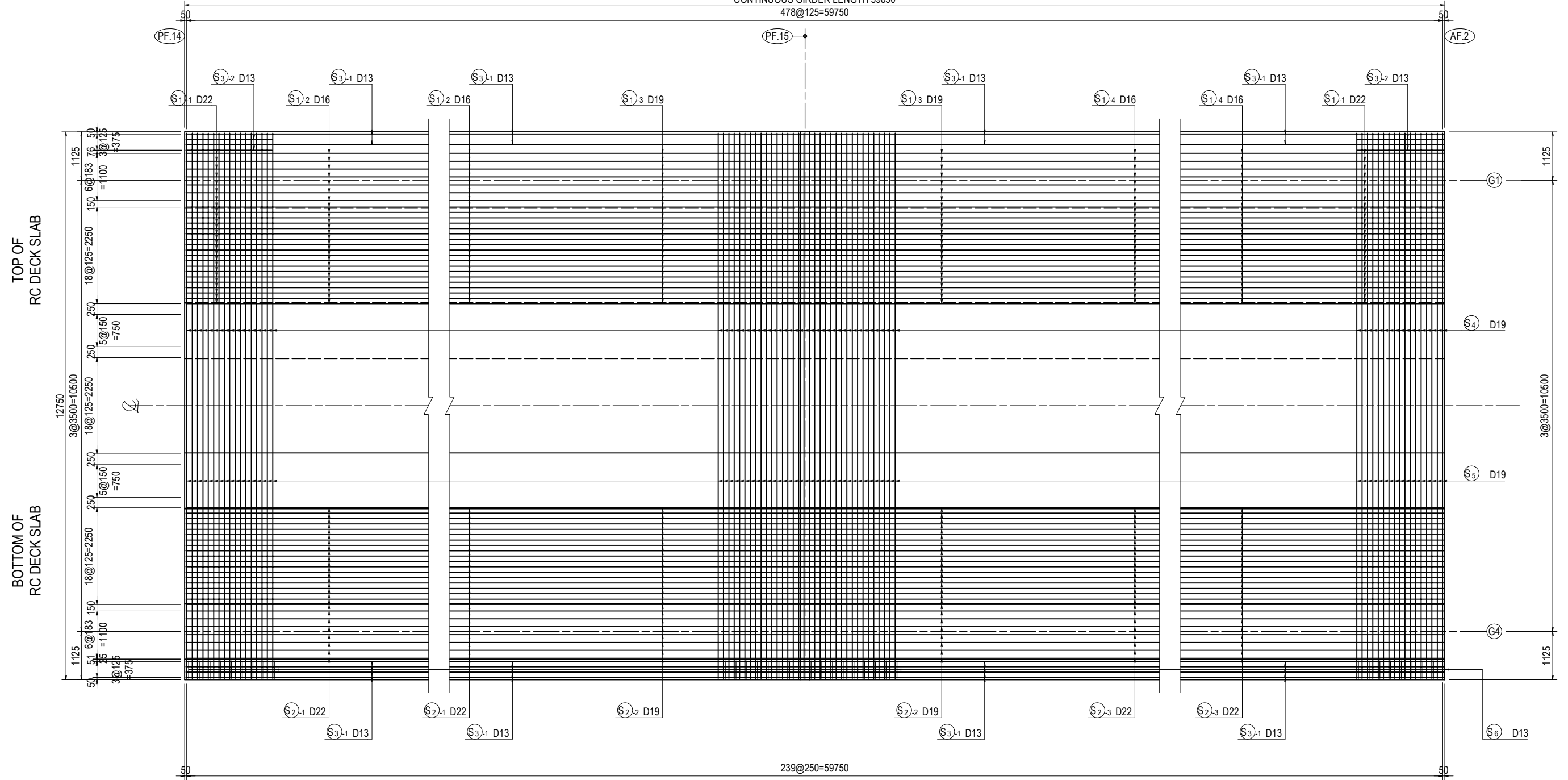
PC STRAND LIST

TYPE	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS	
SWPR7AL 1S9.3	2380	15	0.405	0.96	14.4		
TOTAL					14.4 kg	×168 =	2419.2 kg

BAR ARRANGEMENT OF DECK SLAB (PF14-AF2) (1)

PLAN S=1:100

CONTINUOUS GIRDER LENGTH 59850
478@125=59750



239@250=59750

PROJECT NAME
DETAILED DESIGN ON
BAGO RIVER BRIDGE
CONSTRUCTION PROJECT

FINANCED BY
 JAPAN INTERNATIONAL
COOPERATION AGENCY

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

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

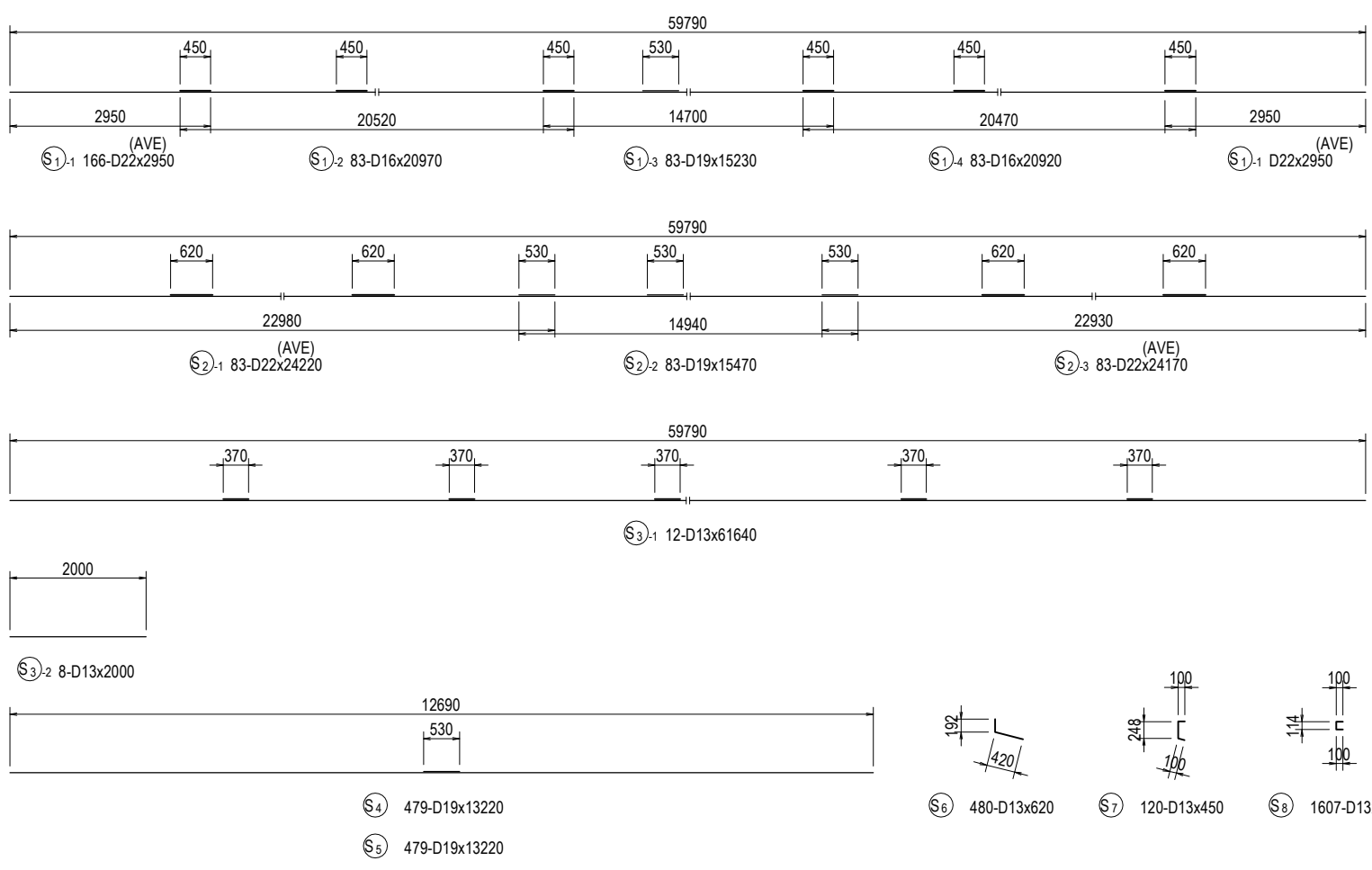
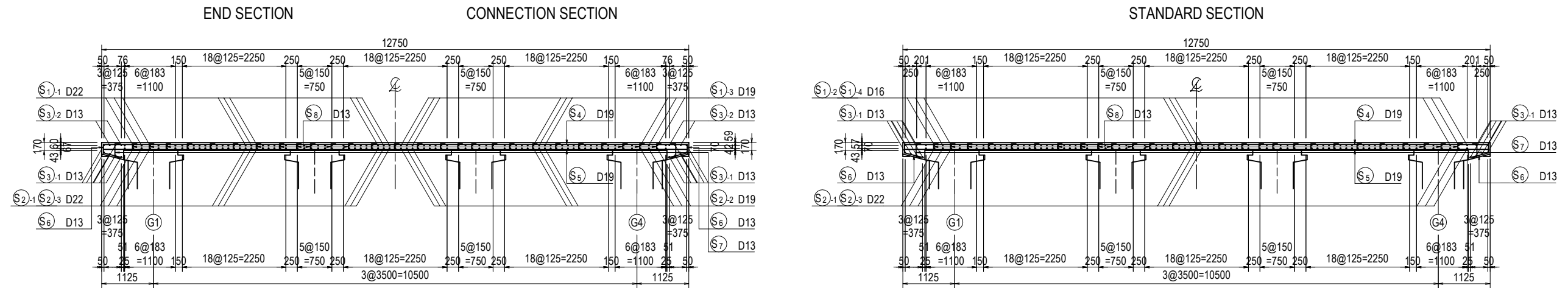
	NAME	SIGNATURE	DATE
PREPARED BY	Y. SUZUKI		14 Jul. 2017
CHECKED BY	T. HAYAKAWA		20 Jul. 2017
APPROVED BY	Y. SANO		25 Jul. 2017

DRAWING TITLE
BAR ARRANGEMENT OF DECK SLAB (PF14-AF2) (1)

PACKAGE
3
DWG No.
P3-FO-1314

BAR ARRANGEMENT OF DECK SLAB (PF14-AF2) (2)

CROSS SECTION S=1:100

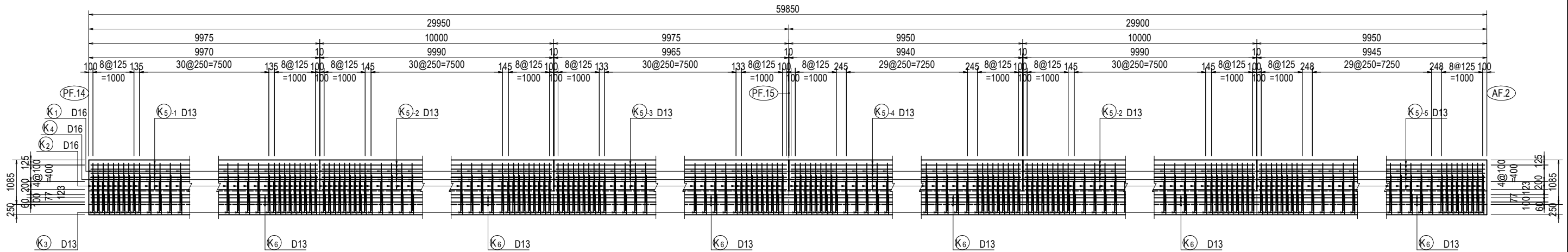


BAR LIST

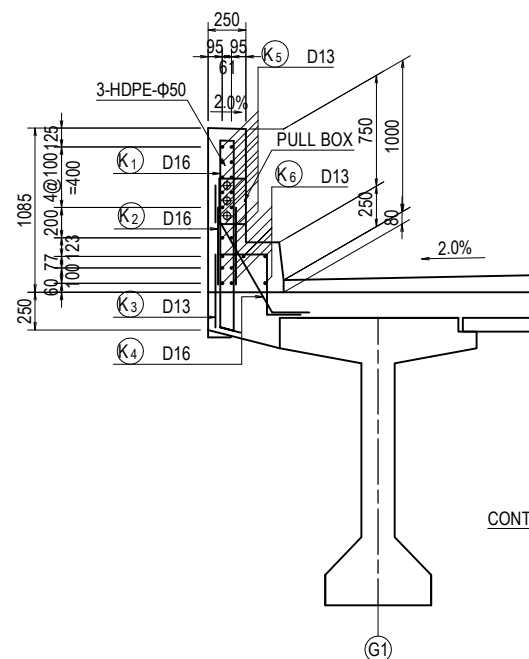
REBAR NO.	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
S 1 -1	D22	2950	166	3.04	8.97	1489	AVERAGE
S 1 -2	D16	20970	83	1.56	32.71	2715	
S 1 -3	D19	15230	83	2.25	34.27	2844	
S 1 -4	D16	20920	83	1.56	32.64	2709	
S 2 -1	D22	24220	83	3.04	73.63	6111	AVERAGE
S 2 -2	D19	15470	83	2.25	34.81	2889	
S 2 -3	D22	24170	83	3.04	73.48	6099	AVERAGE
S 3 -1	D13	61640	12	0.995	61.33	736	
S 3 -2	D13	2000	8	0.995	1.99	16	
S 4	D19	13220	479	2.25	29.75	14250	
S 5	D19	13220	479	2.25	29.75	14250	
S 6	D13	620	480	0.995	0.62	298	
S 7	D13	450	120	0.995	0.45	54	
S 8	D13	320	1607	0.995	0.32	514	
					D22	13699 kg	
					D19	34233 kg	
					D16	5424 kg	
					D13	1618 kg	
					TOTAL	54974 kg	

DETAIL OF CONCRETE CURB, BARRIER AND MEDIUM (PF14-AF2) (1)

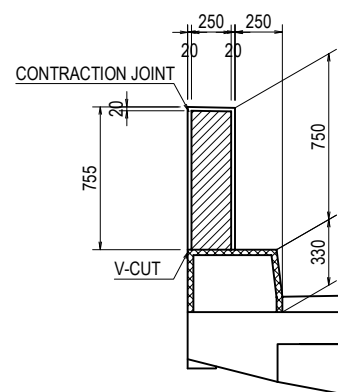
SIDE VIEW S=1:100



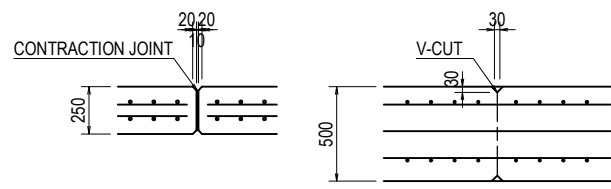
CROSS SECTION S=1:50



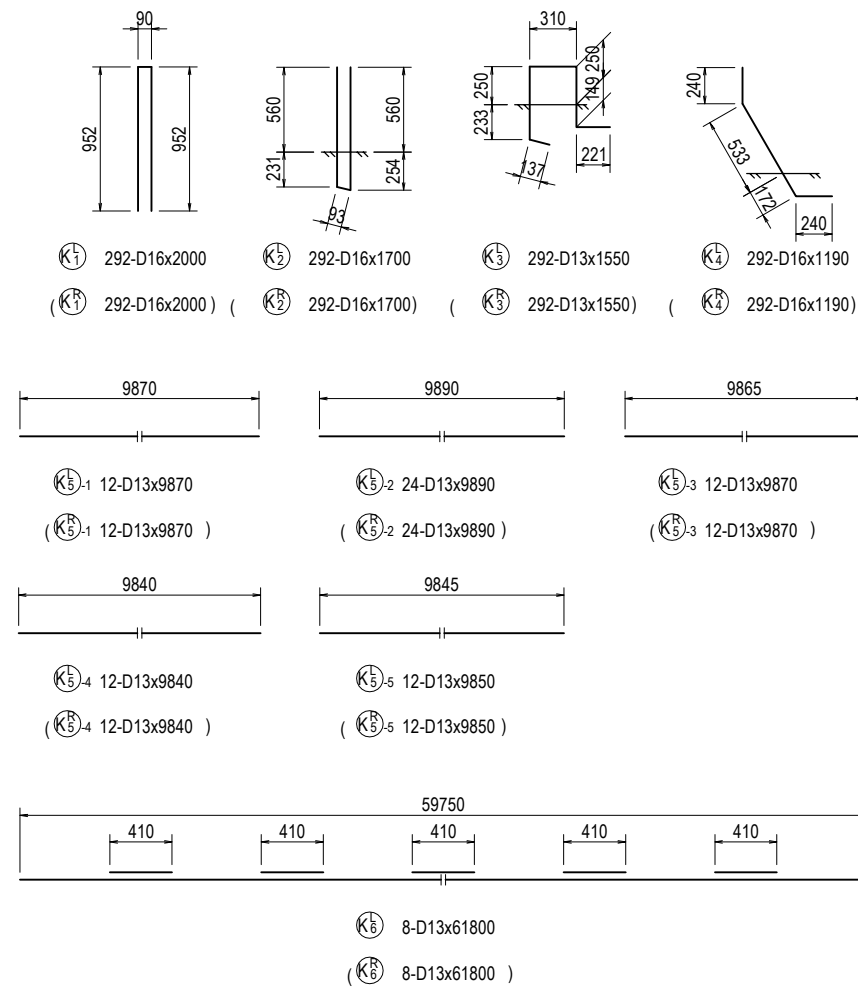
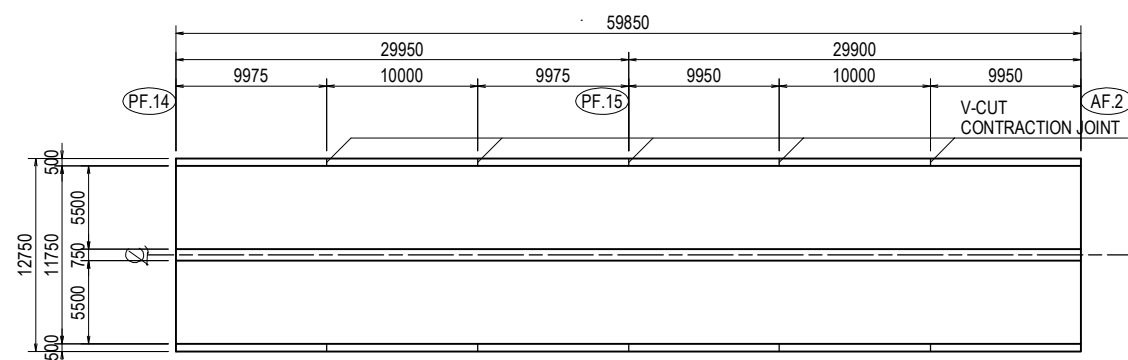
CROSS SECTION S=1:40



DETAIL OF CONSTRUCTION JOINT



KEY PLAN S=1:500

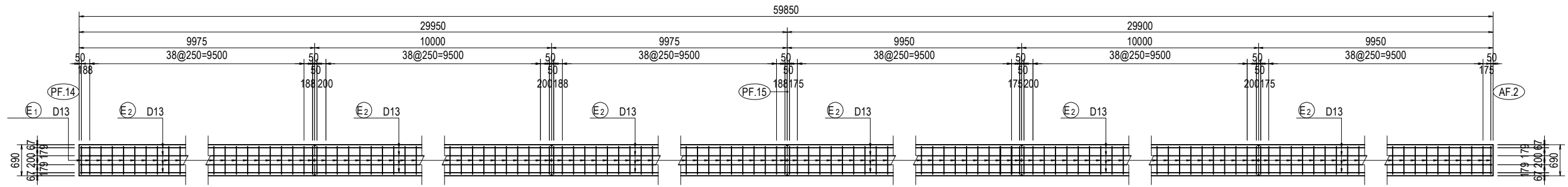


BAR LIST

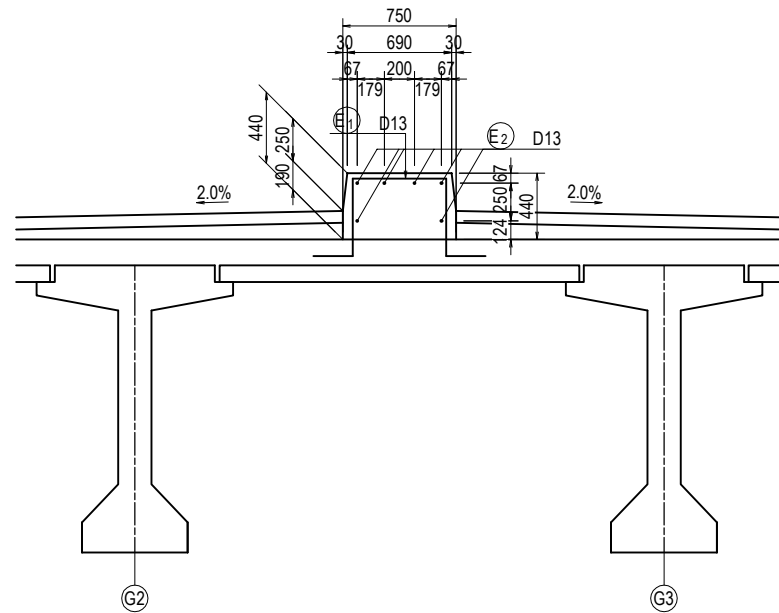
REBAR NO.	DIA (mm)	LENGHT (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
K1	D16	2000	292	1.56	3.12	911	
K2	D16	1700	292	1.56	2.65	774	
K3	D13	1550	292	0.995	1.54	450	
K4	D16	1190	292	1.56	1.86	543	
K5-1	D13	9870	12	0.995	9.82	118	
K5-2	D13	9890	24	0.995	9.84	236	
K5-3	D13	9870	12	0.995	9.82	118	
K5-4	D13	9840	12	0.995	9.79	117	
K5-5	D13	9850	12	0.995	9.80	118	
K6	D13	61800	8	0.995	61.49	492	
K7	D16	2000	292	1.56	3.12	911	
K8	D16	1700	292	1.56	2.65	774	
K9	D13	1550	292	0.995	1.54	450	
K10	D16	1190	292	1.56	1.86	543	
K11	D13	9870	12	0.995	9.82	118	
K12	D13	9890	24	0.995	9.84	236	
K13	D13	9870	12	0.995	9.82	118	
K14	D13	9840	12	0.995	9.79	117	
K15	D13	9850	12	0.995	9.80	118	
K16	D13	61800	8	0.995	61.49	492	
					D16	4456 kg	
					D13	3298 kg	
					TOTAL	7754 kg	

DETAIL OF CONCRETE CURB, BARRIER AND MEDIUM (PF14-AF2) (2)

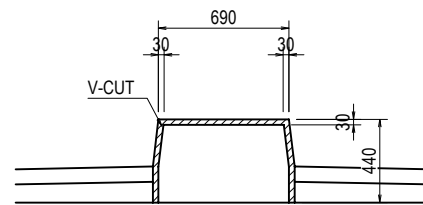
PLAN S=1:100



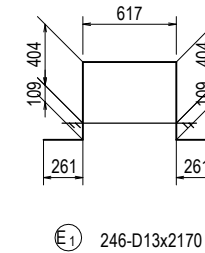
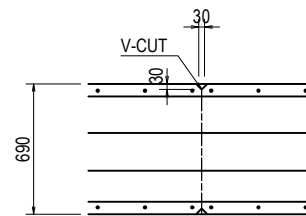
CROSS SECTION S=1:50



CROSS SECTION S=1:40

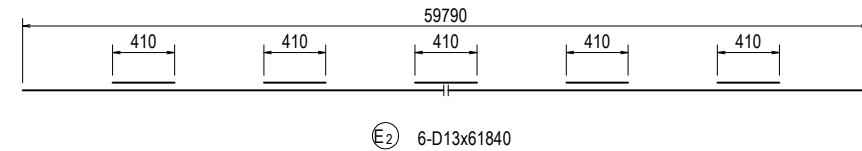


DETAIL OF V-CUT

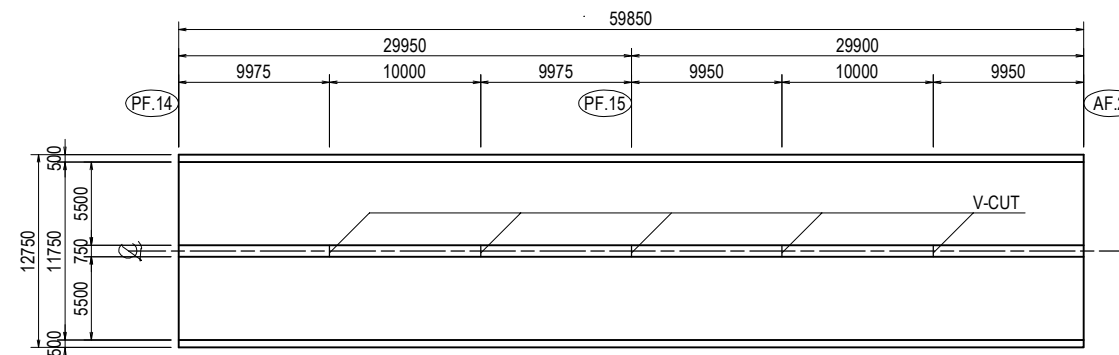


BAR LIST

REBAR NO.	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
E 1	D13	2170	246	0.995	2.16	531	
E 2	D13	61840	6	0.995	61.53	369	
						900 kg	
TOTAL						900 kg	



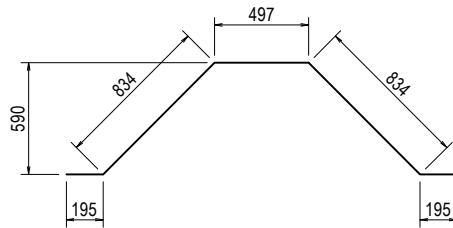
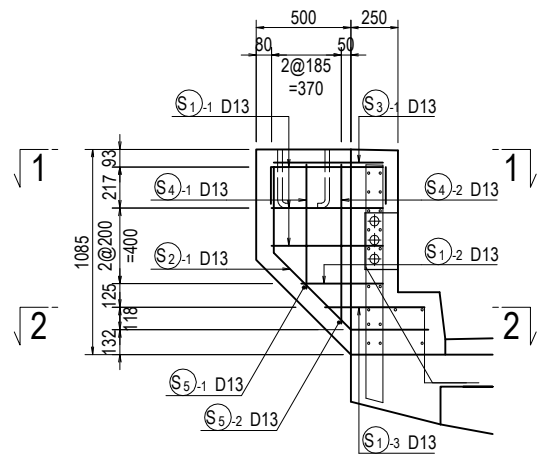
KEY PLAN S=1:500



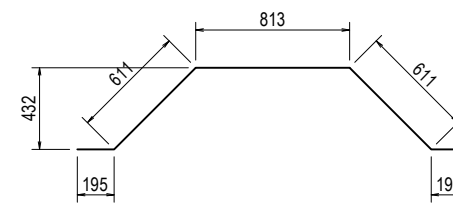
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF CONCRETE CURB, BARRIER AND MEDIUM (PF14-AF2) (2)	PACKAGE	
				PREPARED BY	Y. SUZUKI			14 Jul. 2017	3
				CHECKED BY	T. HAYAKAWA			20 Jul. 2017	DWG No.
				APPROVED BY	Y. SANO			25 Jul. 2017	P3-FO-1317

DETAIL OF LIGHTING FOUNDATION (PF14-AF2)

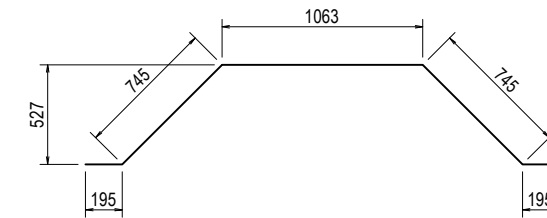
CROSS SECTION S=1:40



S1-1 3-D13x2560

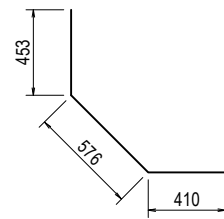
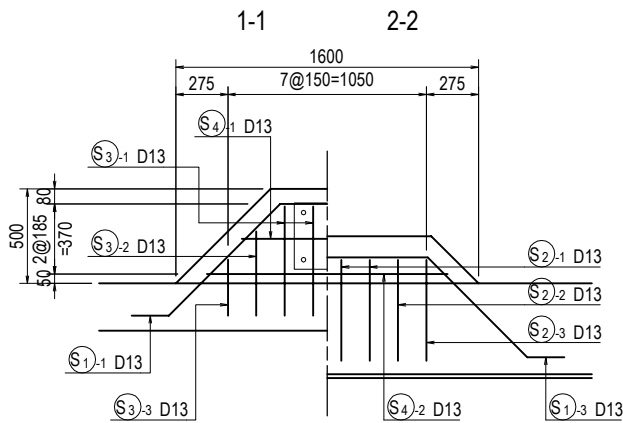


S1-2 1-D13x2430

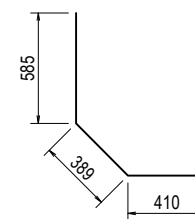


S1-3 1-D13x2950

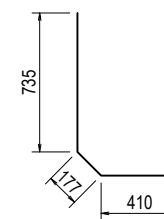
PLAN S=1:40



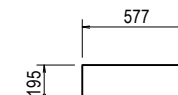
S2-1 4-D13x1440



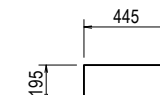
S2-2 2-D13x1390



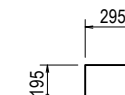
S2-3 2-D13x1330



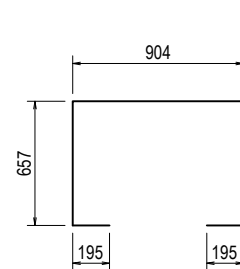
S3-1 4-D13x970



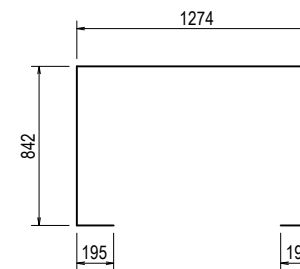
S3-2 2-D13x840



S3-3 2-D13x690



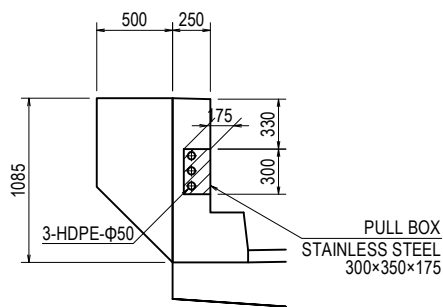
S4-1 1-D13x2610



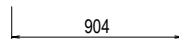
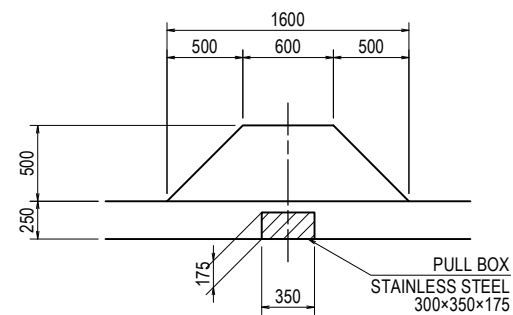
S4-2 1-D13x3350

PULLBOX DETAIL S=1:50

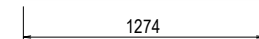
CROSS SECTION



PLAN



S5-1 1-D13x910



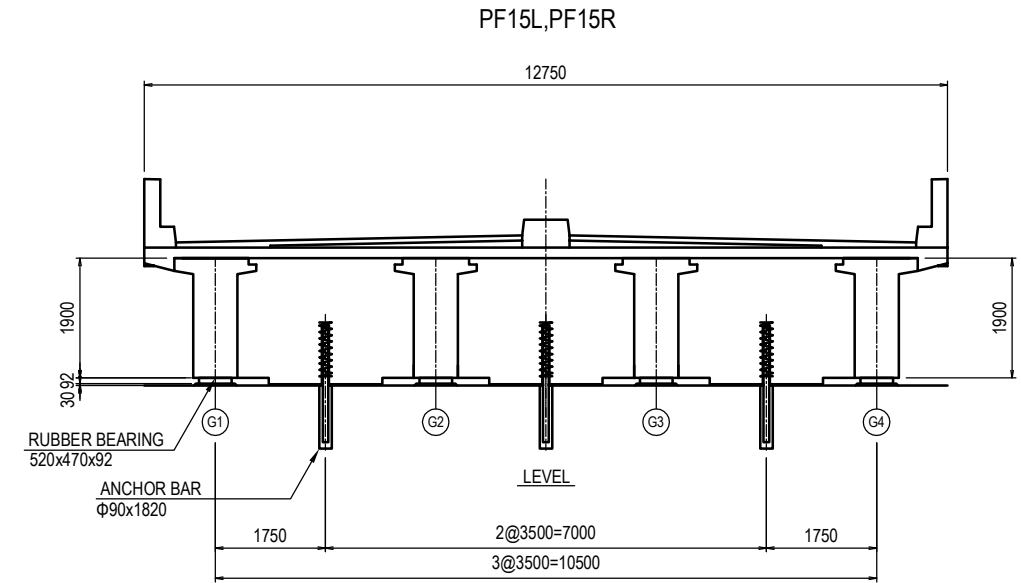
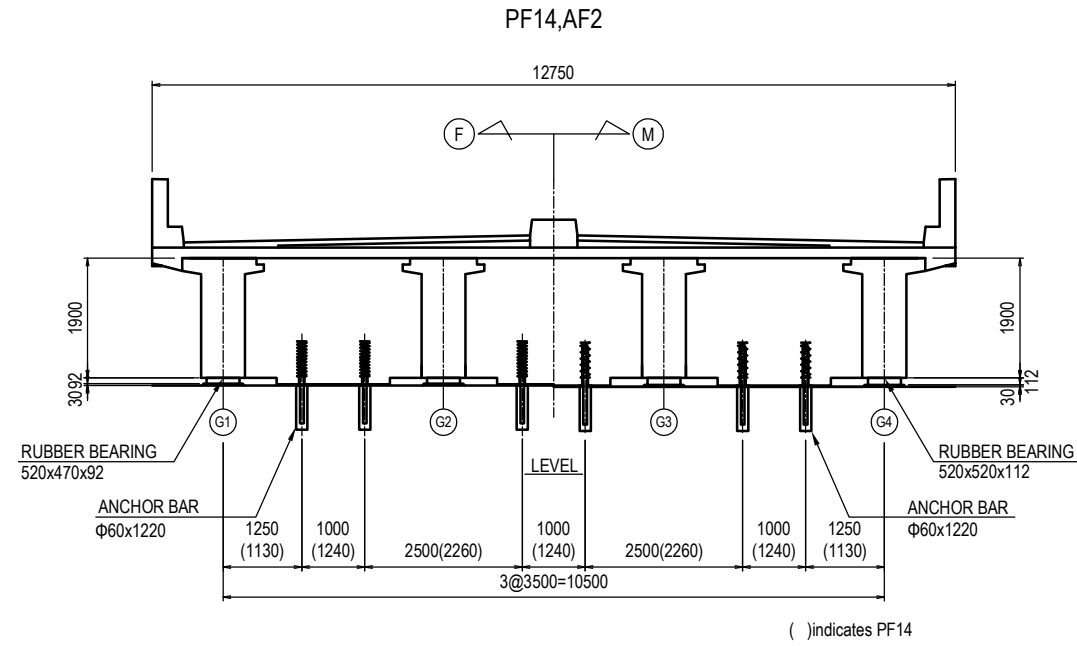
S5-2 1-D13x1280

BAR LIST

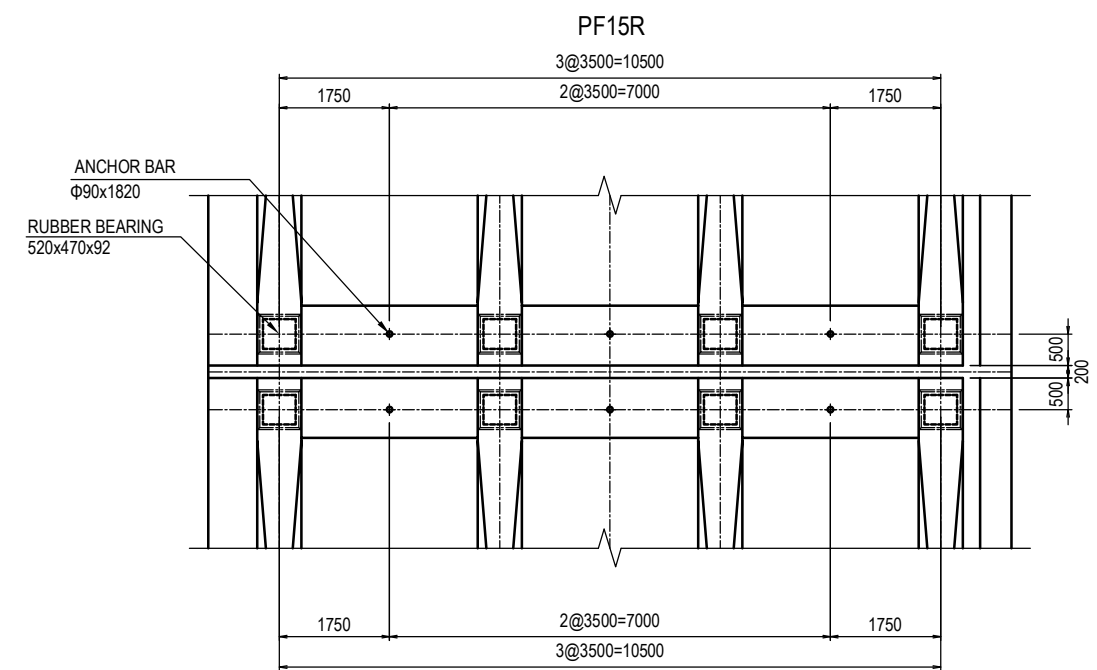
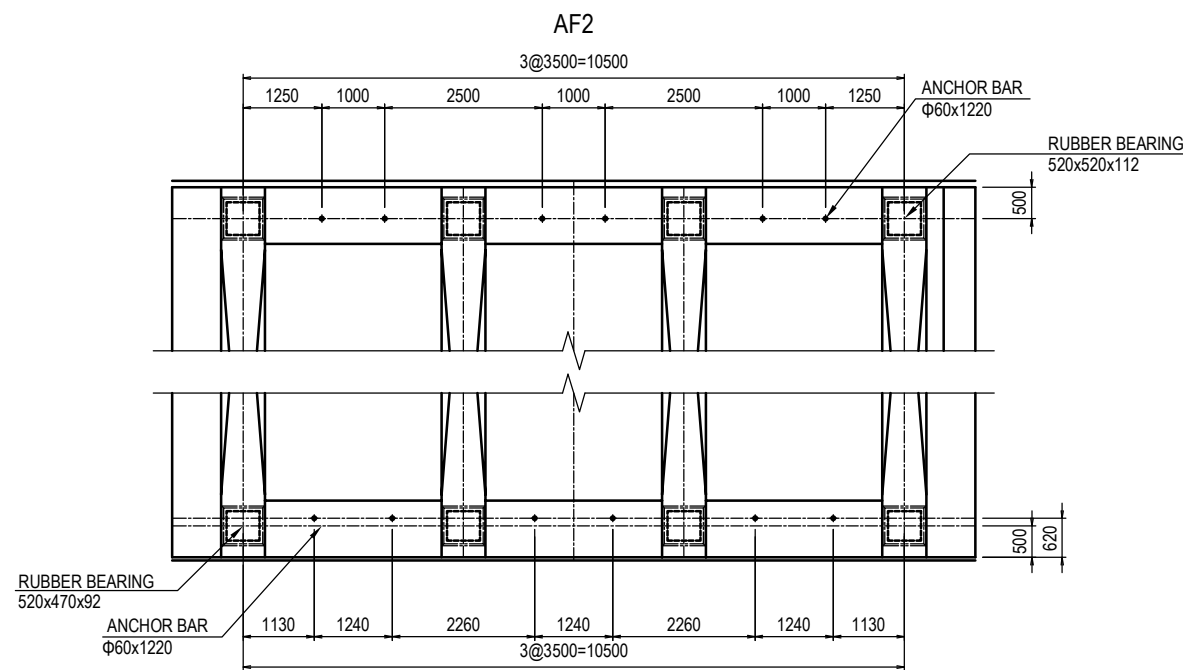
REBAR NO.	DIA (mm)	LENGTH (mm)	NUMBER	UNIT WEIGHT (kg/m)	WEIGHT/ONE (kg)	WEIGHT (kg)	REMARKS
S1-1	D13	2560	3	0.995	2.55	8	
S1-2	D13	2430	1	0.995	2.42	2	
S1-3	D13	2950	1	0.995	2.94	3	
S2-1	D13	1440	4	0.995	1.43	6	
S2-2	D13	1390	2	0.995	1.38	3	
S2-3	D13	1330	2	0.995	1.32	3	
S3-1	D13	970	4	0.995	0.97	4	
S3-2	D13	840	2	0.995	0.84	2	
S3-3	D13	690	2	0.995	0.69	1	
S4-1	D13	2610	1	0.995	2.60	3	
S4-2	D13	3350	1	0.995	3.33	3	
S5-1	D13	910	1	0.995	0.91	1	
S5-2	D13	1280	1	0.995	1.27	1	
						40	kg
TOTAL						40	kg

DETAIL OF RUBBER BEARING (PF14-AF2) (1)

CROSS SECTION S= 1:60



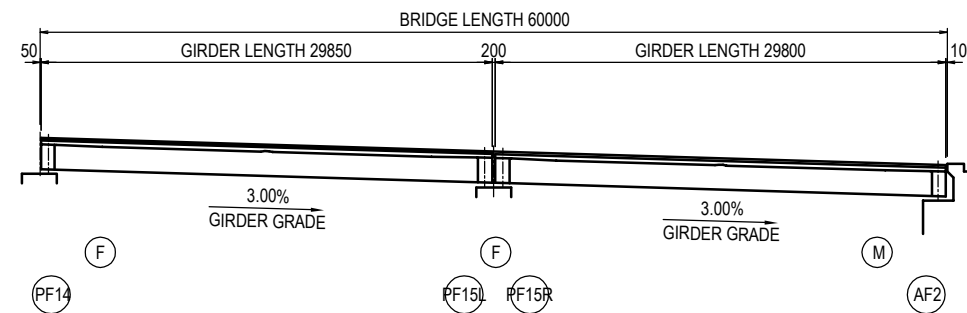
PLAN S= 1:60



PF14

PF15L

ELEVATION S= 1:250



DESIGN CONDITION

REACTION		PF14 (F)	PF15L (F)	PF15R (F)	AF2 (M)		
MAXIMUM REACTION	Rmax	1322 kN	1475 kN	1470 kN	1320 kN		
	Rmax2	1237 kN	1422 kN	1417 kN	1235 kN		
DEAD LOAD REACTION		Rd	994 kN	1006 kN	1002 kN	992 kN	
MAXIMUM STRAIN FORCE	LONGITUDIAL	Rhe1	472 kN	501 kN	501 kN	450 kN	
	TRANSVERSE	Rhe2	236 kN	338 kN	338 kN	235 kN	
STRAIN VOLUME	ORDINARY	LONGITUDIAL	ΔL	- mm	- mm	- mm	38.9 mm
		LONGITUDIAL	ΔLe1	- mm	- mm	- mm	26.7 mm
	LEVEL1	LONGITUDIAL	ΔL	- mm	- mm	- mm	- mm
		TRANSVERSE	ΔLe2	- mm	- mm	- mm	- mm

NOTES:

- 1) Details of the slab and girder are designed based on the product (rubber bearing) shown in this Drawing.
- 2) The Contractor has option to propose an alternative equivalent to the specified product, which shall be subjected to the Engineer's approval.
- 3) All the structural steels shall be galvanized to the requirements specified by JIS H8641.

PROJECT NAME
DETAILED DESIGN ON
BAGO RIVER BRIDGE
CONSTRUCTION PROJECT

FINANCED BY
JICA
JAPAN INTERNATIONAL
COOPERATION AGENCY

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

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

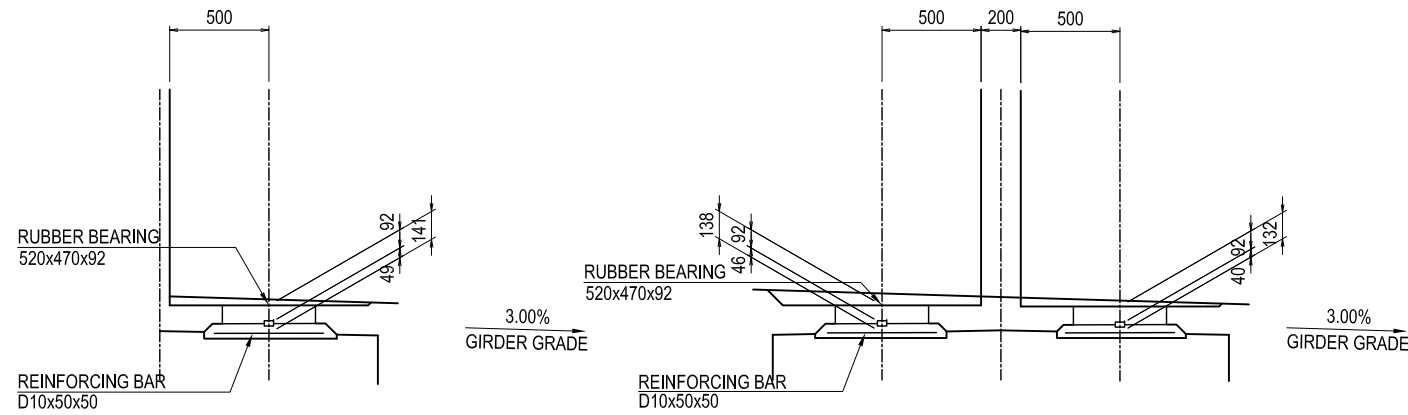
	NAME	SIGNATURE	DATE
PREPARED BY	Y. SUZUKI	<i>YS</i>	14 Jul. 2017
CHECKED BY	T. HAYAKAWA	<i>TH</i>	20 Jul. 2017
APPROVED BY	Y. SANO	<i>YS</i>	25 Jul. 2017

DRAWING TITLE
DETAIL OF RUBBER BEARING (PF14-AF2) (1)

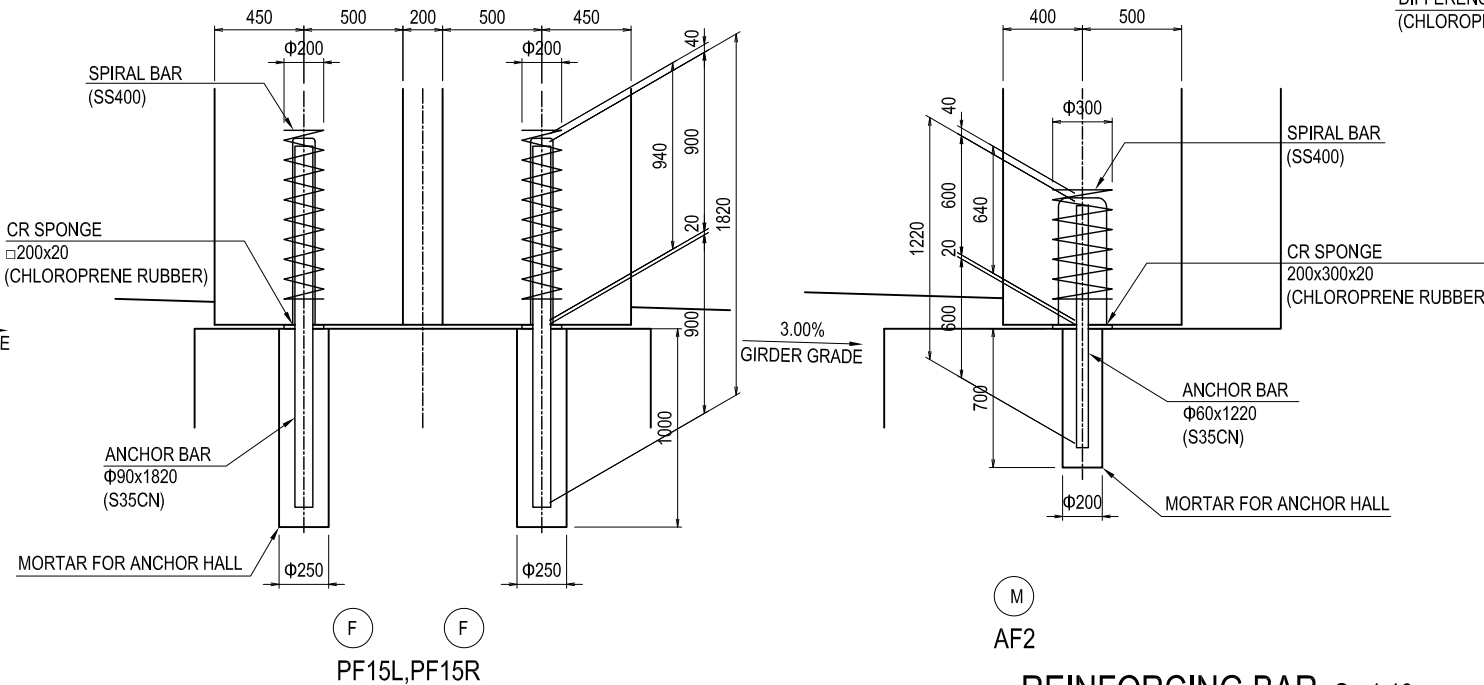
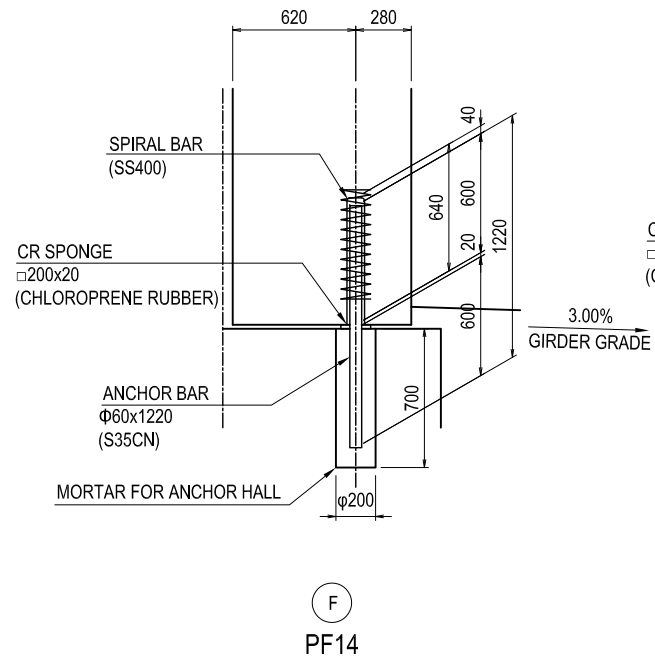
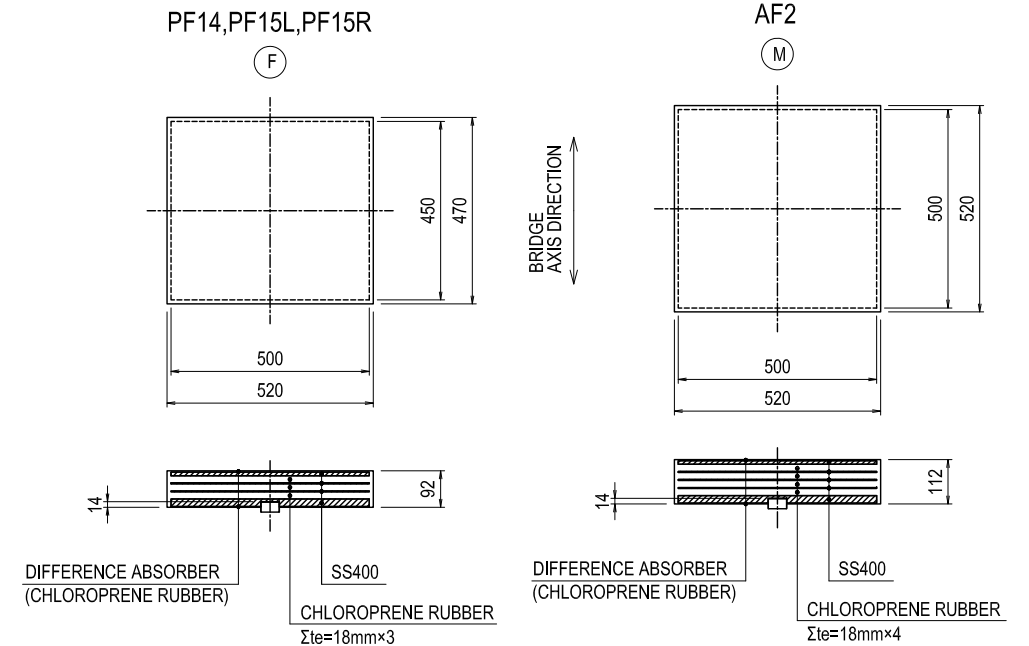
PACKAGE
3
DWG No.
P3-FO-1319

DETAIL OF RUBBER BEARING (PF14-AF2) (2)

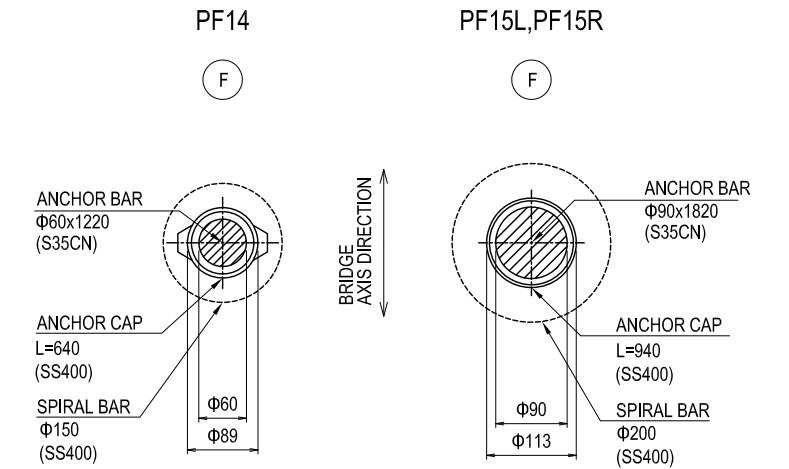
SIDE VIEW S= 1:20



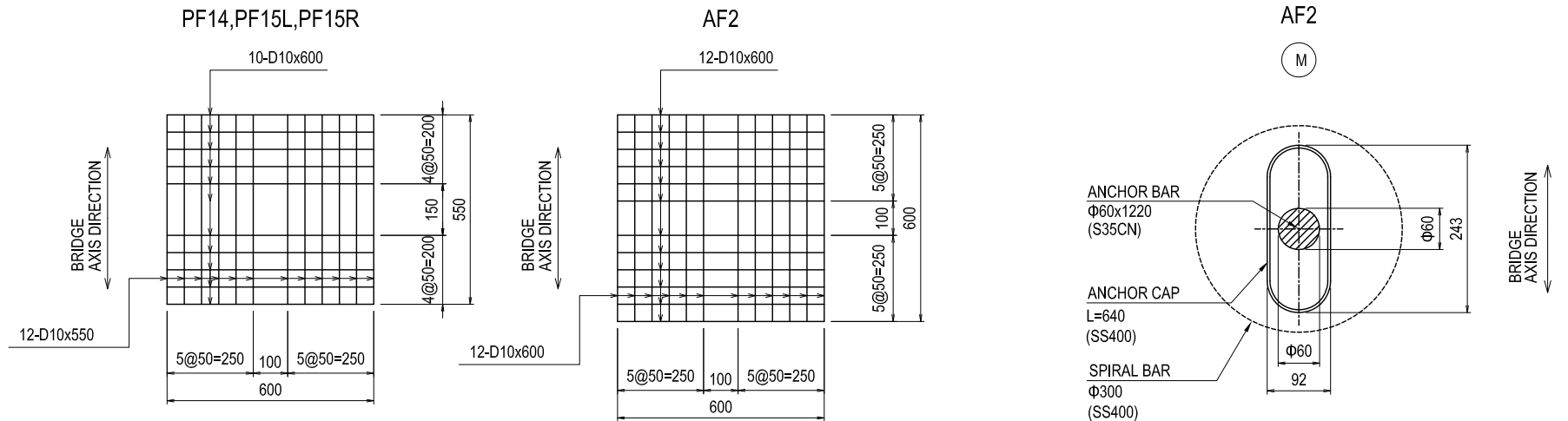
RUBBER BEARING S= 1:10



ANCHOR SYSTEM S= 1:5



REINFORCING BAR S= 1:10



PARTS LIST

ITEM	DIMENSION	MATERIAL	UNIT	QUANTITY				WEIGHT (kg)	REMARKS
				PF14(F)	PF15L(F)	PF15R(F)	AF2(M)		
RUBBER BEARING	520x470x92	AS SHOWN	SHEET	4	4	4	4	12	
"	520x520x112	"	"				4	4	
ANCHOR SYSTEM	Φ60x1220	S35CN	SET	6				6	
"	Φ90x1820	"	"		3	3		6	
"	Φ60x1220	"	"				6	6	
CR SPONGE	□200x20	CHLOROPRENE RUBBER	SHEET	6	3	3		12	
"	200x300x20	"	"				6	6	
REINFORCING BAR	D10x50x50	SD345	kg	28.22	28.22	28.22	32.26	116.92	
BED MORTAR FOR BEARING		NON SHRINKAGE MORTAR	m3	0.120	0.113	0.101	0.122	0.456	
MORTAR FOR ANCHOR HALLS		NON SHRINKAGE MORTAR	m3	0.122	0.130	0.130	0.122	0.504	

※An Anchor System includes anchor bar, anchor cap and spiral bar.

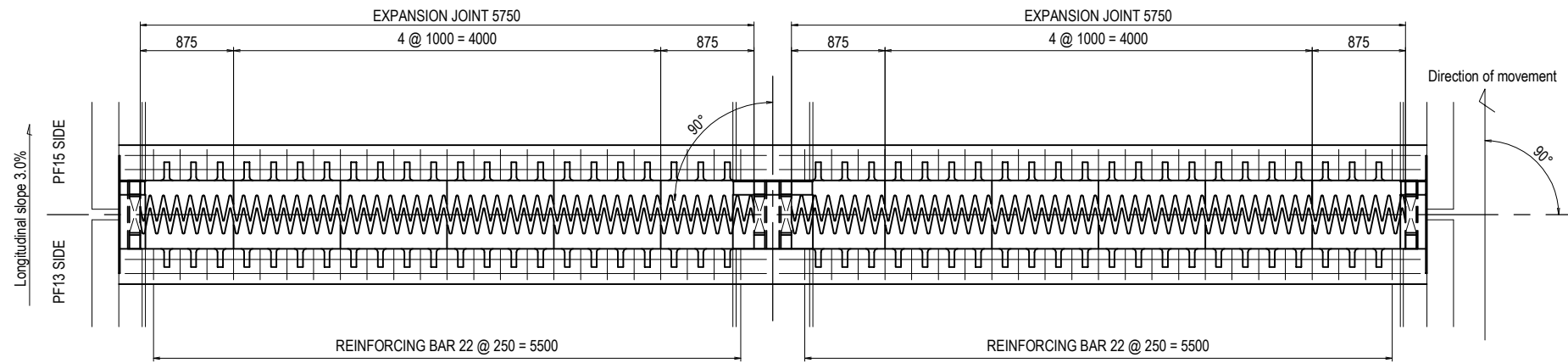
NOTES:

- 1) Details of the slab and girder are designed based on the product (rubber bearing) shown in this Drawing.
- 2) The Contractor has option to propose an alternative equivalent to the specified product, which shall be subjected to the Engineer's approval.
- 3) All the structural steels shall be galvanized to the requirements specified by JIS H8641.

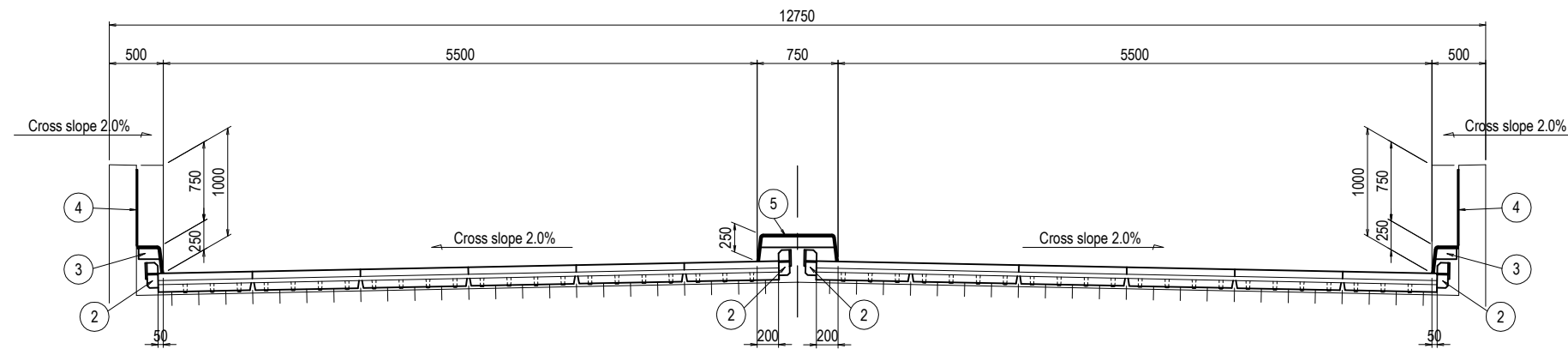
DETAIL OF EXPANSION JOINT (PF14-AF2) (1)

PF14

PLAN VIEW S=1:30



CROSS SECTION S=1:30



MATERIALS LIST					(1 per place)
No.	DESCRIPTION	MATERIALS	UNIT	QUANTITY	REMARK
1	EXPANSION JOINT	ALUMINUM ALLOY CASTING	m	11.500	230mm
2	UPSTAND		pieces	4	
3	COVER FOR CURB	SS400 or Equivalent	set	2	
4	COVER FOR BARRIER CURB	SUS304	set	2	t=2(include anchor)
5	COVER FOR MEDIAL DIVIDER	SS400 or Equivalent	set	1	
6	REINFORCING BAR	SD345	kg	55.97	D16 × 390 × 92 Nos.
7	REINFORCING BAR	SD345	kg	61.71	D16 × 430 × 92 Nos.
8	REINFORCING BAR	SD345	kg	162.00	D19 × 6.0m × 12 Nos.
9	BURIED FORMWORK	Foamed Styrene	m ³	0.57	300 × 150 × 12.7m
10	POST-CAST CONCRETE	High strength concrete	m ³	2.35	σ _{ck} = 30N/mm ²

EMBEDDED BAR

11	EMBEDDED BAR	SD345	kg	104.77	D16 × 730 × 92 Nos.
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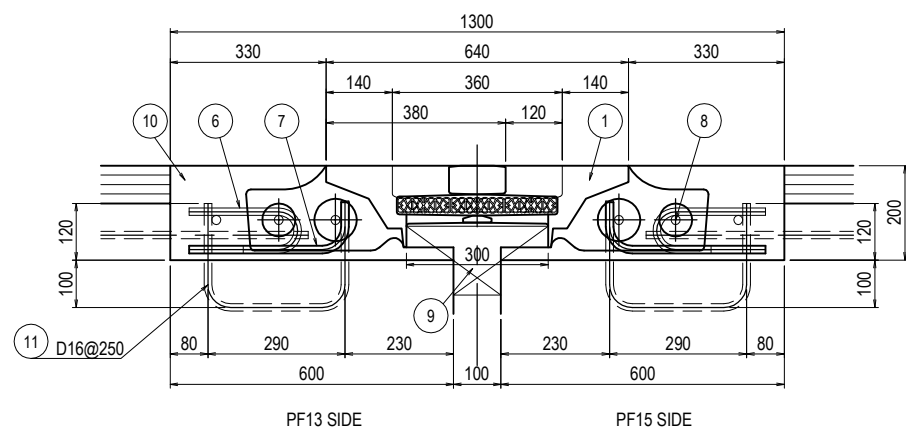
DESIGN CONDITION

Temperature range	0°C ~ +50°C
Amount of temperature variation	38mm
Earthquake movement amount	±81mm

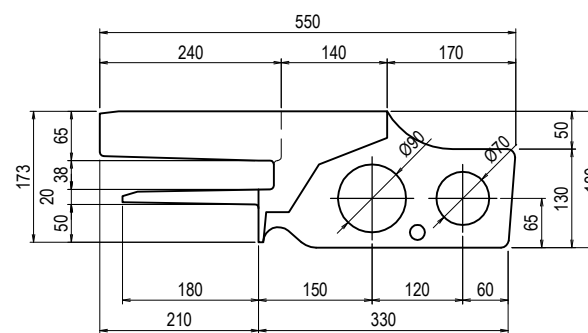
Note

- 1 Re-bar should be consider the developed length.
- 2 Allocation of the expansion joint is subject to change
- 3 Expansion joint should be placing to match the transverse gradient.
- 4 Expansion joint should be installed in consideration of the effect of Creep and Shrinkage.

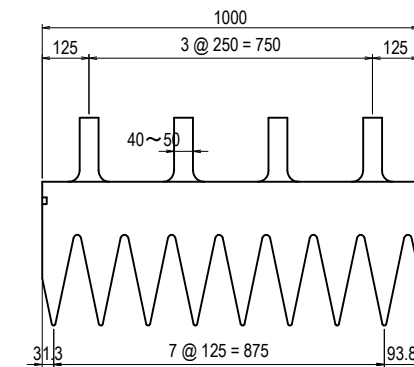
SECTION OF EXPANSION JOINT S=1:8



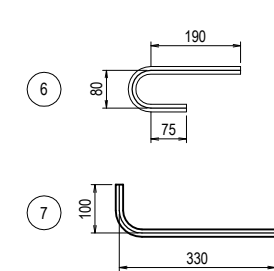
HARDWARE SECTION S=1:5



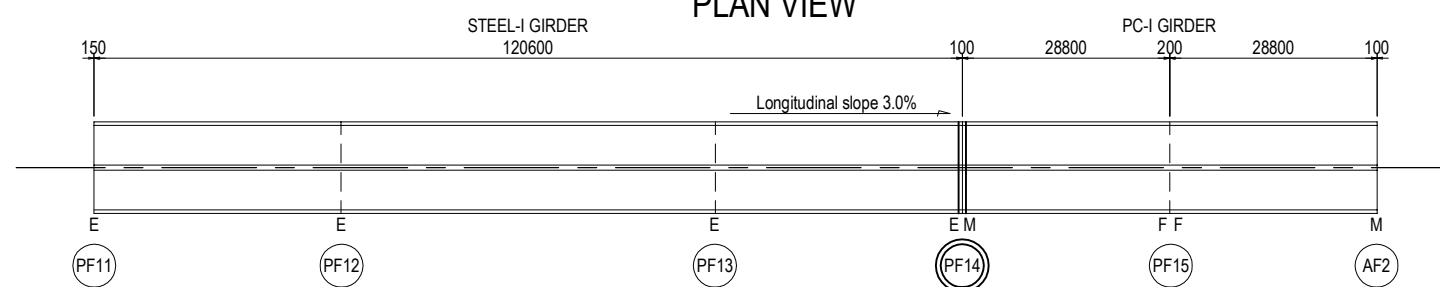
HARDWARE PLAN S=1:10



DETAIL OF REINFORCING BAR S=1:8



PLAN VIEW



NOTES:

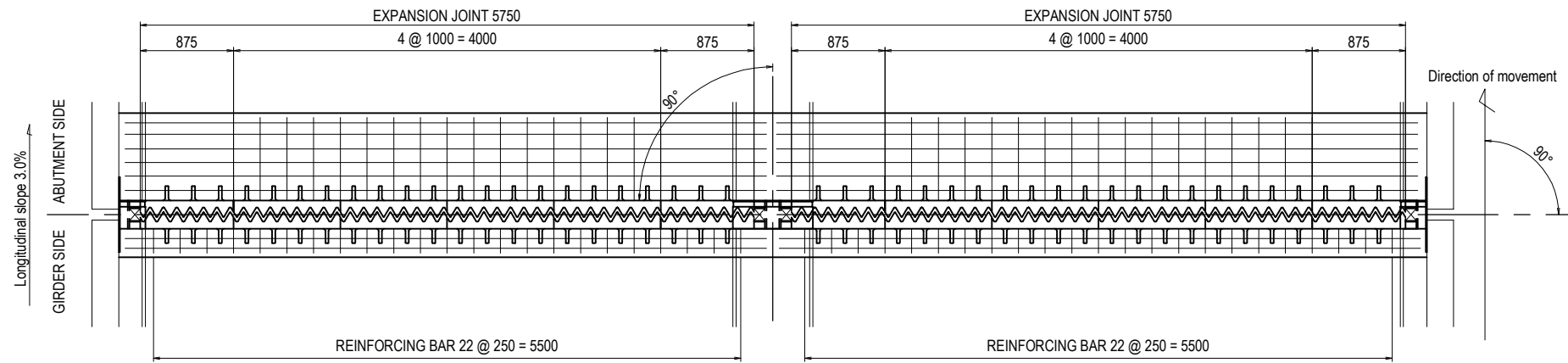
- 1) Details of the slab and girder are designed based on the product (expansion joint) shown in this Drawing.
- 2) The Contractor has option to propose an alternative equivalent to the specified product, which shall be subjected to the Engineer's approval.
- 3) The expansion joint shall be set in consideration of thermal expansion, creep and shrinkage of concrete girder.

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 Y. SUZUKI CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE DETAIL OF EXPANSION JOINT (PF14-AF2) (1)	PACKAGE 3 DWG No. P3-FO-1321
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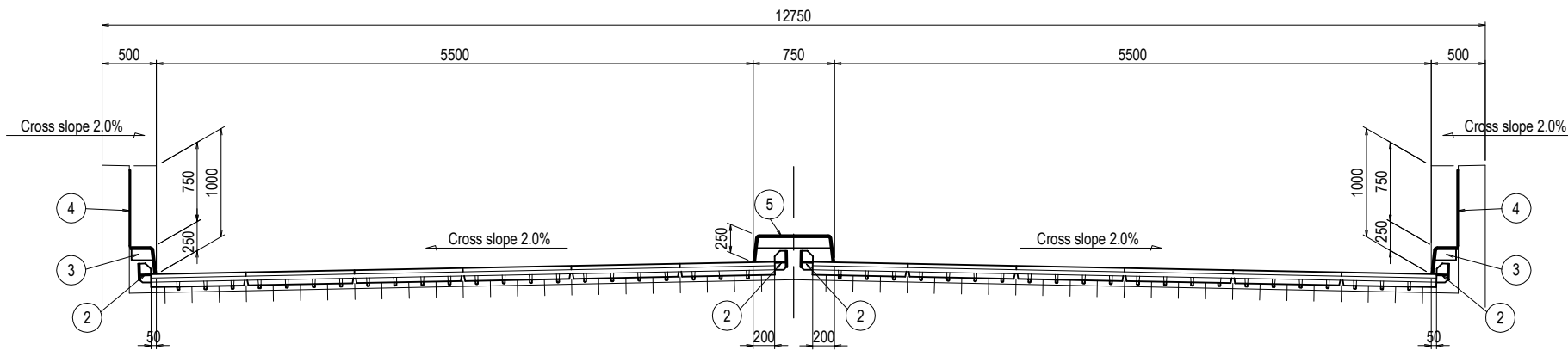
DETAIL OF EXPANSION JOINT (PF14-AF2) (2)

AF2

PLAN VIEW S=1:30



CROSS SECTION S=1:30



MATERIALS LIST					(1 per place)
No.	DESCRIPTION	MATERIALS	UNIT	QUANTITY	REMARK
1	EXPANSION JOINT	ALUMINUM ALLOY CASTING	m	11.500	80mm
2	UPSTAND		pieces	4	
3	COVER FOR CURB	SS400 or Equivalent	set	2	
4	COVER FOR BARRIER CURB	SUS304	set	2	t=2(include anchor)
5	COVER FOR MEDIAL DIVIDER	SS400 or Equivalent	set	1	
6	REINFORCING BAR	SD345	kg	13.27	D13 × 290 × 46 Nos.
7	REINFORCING BAR	SD345	kg	34.79	D13 × 760 × 46 Nos.
8	REINFORCING BAR	SD345	kg	13.96	D13 × 305 × 46 Nos.
9	REINFORCING BAR	SD345	kg	35.47	D13 × 775 × 46 Nos.
10	REINFORCING BAR	SD345	kg	187.20	D16 × 6.0m × 20 Nos.
11	BURIED FORMWORK	Foamed Styrene	m ³	0.19	100 × 150 × 12.7m
12	POST-CAST CONCRETE	High strength concrete	m ³	2.50	σ _{ck} = 30N/mm ²

EMBEDDED BAR

21	EMBEDDED BAR	SD345	kg	43.41	D16 × 605 × 46 Nos.
22	EMBEDDED BAR	SD345	kg	77.14	D16 × 1075 × 46 Nos.

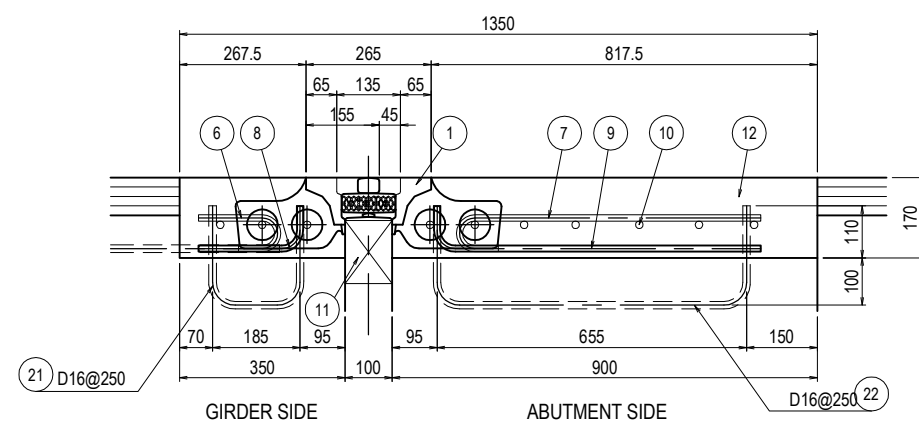
DESIGN CONDITION

Temperature range	+5°C ~ +45°C
Amount of temperature variation	12mm
Earthquake movement amount	±29mm

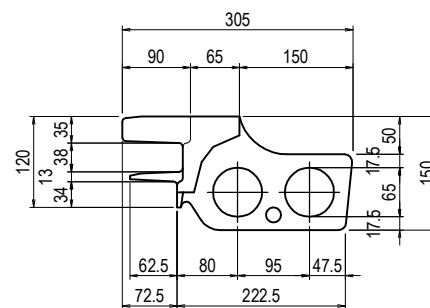
Note

- 1 Re-bar should be consider the developed length.
- 2 Allocation of the expansion joint is subject to change
- 3 Expansion joint should be placing to match the transverse gradient.
- 4 Expansion joint should be installed in consideration of the effect of Creep and Shrinkage.

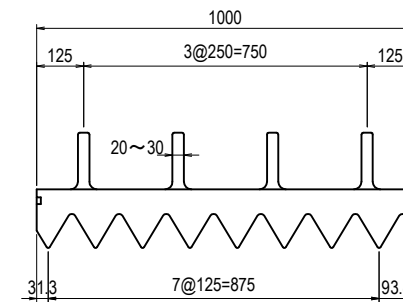
SECTION OF EXPANSION JOINT S=1:8



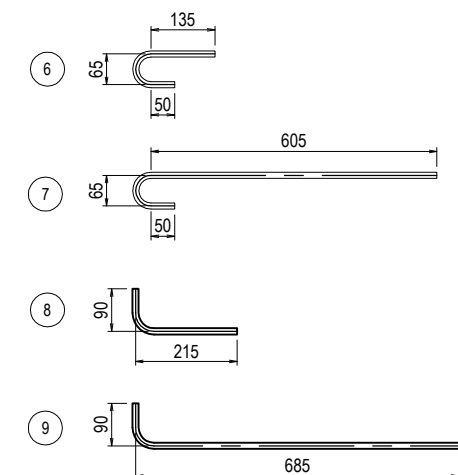
HARDWARE SECTION S=1:5



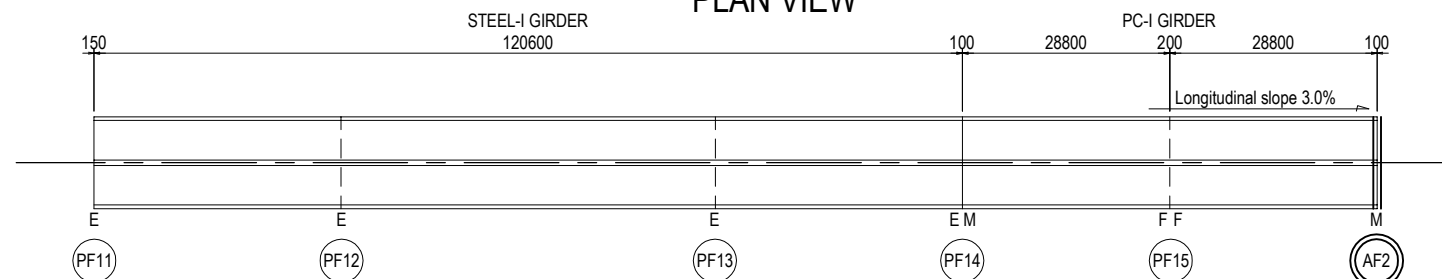
HARDWARE PLAN S=1:10



DETAIL OF REINFORCING BAR S=1:8



PLAN VIEW



NOTES:

- 1) Details of the slab and girder are designed based on the product (expansion joint) shown in this Drawing.
- 2) The Contractor has option to propose an alternative equivalent to the specified product, which shall be subjected to the Engineer's approval.
- 3) The expansion joint shall be set in consideration of thermal expansion, creep and shrinkage of concrete girder.

QUANTITY TABLE OF SUPERSTRUCTURE (PC-I GIRDER) (REFERENCE DRAWING)

QUANTITY OF MAIN GIRDER

Specification		Unit	A1-P2	P5-P7	P7-P11	P14-A2	Total	Remarks
Main Girder								
Number of Main Girder		No.	4	4	8	4	20	Inner Girder
		No.	4	4	8	4	20	Outer Girder
Concrete Volume	$\sigma_{ck} = 40$ N/mm ²	m ³	232.9	235.0	473.9	225.5	1167	
Form Area	For Side and Edge	m ²	1178.0	1182.5	2426.4	1165.9	5953	
	For Bottom	m ²	167.1	167.2	333.6	167.1	835	
PC Strand								
Length of PC Strand	7S15.2	m	1178.5	1181.2	2359.2	1178.4	5897	
Weight of PC Strand	7S15.2	kg	9084	9104	18176	9080	45444	
Length of Shear	ϕ 65 mm	m	1178.5	1181.2	2359.2	1178.4	5897	
Length of Grout	ϕ 65 mm	m	1178.5	1181.2	2359.2	1178.4	5897	
Anchorage for PC Strand	7S15.2	set	80	80	160	80	400	
Reinforcement Grid	7S15.2	set	80	80	160	80	400	
Stressing Work	7S15.2	No.	80	80	160	80	400	
Reinforcement Bar	SD345	D22	kg	0	0	0	0	0
		D19	kg	6639	6643	13264	6640	33186
		D16	kg	15650	15690	32384	15520	79244
		D13	kg	12512	12578	26140	12552	63782
		Total	kg	34801	34911	71788	34712	176212
Embedded Shear for Cross Beam ϕ 60 mm		m	67.2	67.3	162.4	67.2	364	Embedded Shear in Main Girder

QUANTITY OF CROSS BEAM

Specification		Unit	A1-P2	P5-P7	P7-P11	P14-A2	Total	Remarks
Cross Beam								
Concrete Volume	$\sigma_{ck} = 30$ N/mm ²	m ³	36.9	37.1	45.8	36.7	157	End and Intermediate Crossbeam
Form Area	For Side, Edge and Bottom	m ²	132.3	130.6	186.8	129.5	579	End and Intermediate Crossbeam
Reinforcement Bar	SD345	D22	kg	0	0	0	0	0
		D19	kg	1046	1048	1074	1042	4210
		D16	kg	558	558	608	556	2280
		D13	kg	616	616	1116	616	2964
		Total	kg	2220	2222	2798	2214	9454
PC Strand								
Length of PC Strand	4S15.2	m	269.0	269.1	649.6	268.8	1457	
Weight of PC Strand	4S15.2	kg	1184	1185	2860	1184	6413	
Length of Shear	ϕ 45 mm	m	203.8	204.1	492.3	203.8	1104	
Length of Grout	ϕ 45 mm	m	269.0	269.1	649.6	268.8	1457	
Anchorage for PC Strand	4S15.2	set	48	48	116	48	260	
Reinforcement Grid	4S15.2	set	48	48	116	48	260	
Stressing Work	4S15.2	No.	48	48	116	48	260	
Fixing Device	4S15.2	No.	48	48	116	48	260	
Deck Slab								
Concrete Volume	$\sigma_{ck} = 30$ N/mm ²	m ³	139.0	139.4	276.8	138.3	694	
Form Area	For Side, Edge and Bottom	m ²	101.1	101.5	194.8	99.6	497	
Reinforcement Bar	SD345	D22	kg	13661	13667	22142	13699	63169
		D19	kg	34809	35068	74389	34233	178499
		D16	kg	5404	5406	9733	5424	25967
		D13	kg	1769	1696	3329	1618	8412
		Total	kg	55643	55837	109593	54974	276047

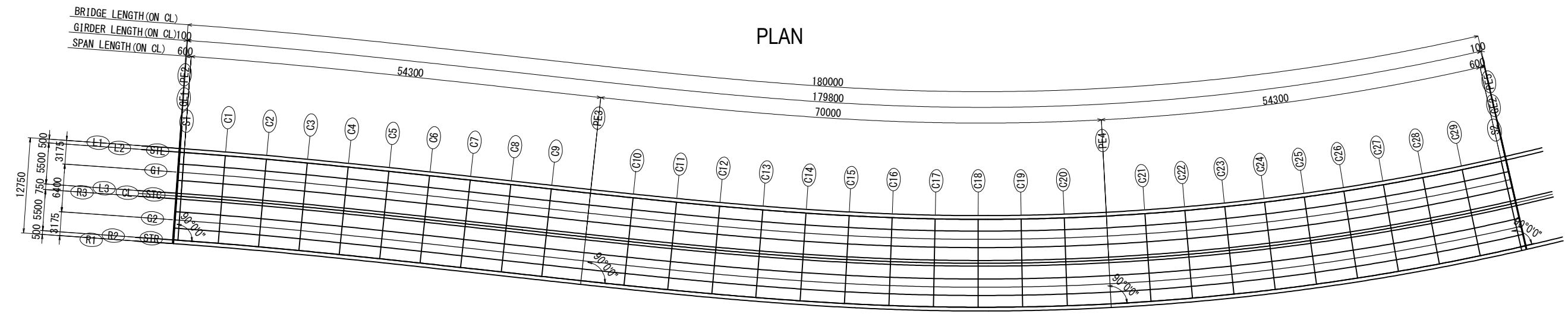
QUANTITY OF PC PLATE

Specification		Unit	A1-P2	P5-P7	P7-P11	P14-A2	Total	Remarks	
PC Plate									
Quantities for Each Size of PC Plate	1	998 x 2380 x 100	No.	150	150	312	156	768	Standard Plate
	2	736 x 2380 x 100	No.	6				6	
	3	749 x 2380 x 100	No.	6	6			12	
	4	750 x 2380 x 100	No.		6			6	
	5	737 x 2380 x 100	No.	6				6	Adjustment Plate
	6	750 x 2380 x 100	No.	6	6			12	
	7	751 x 2380 x 100	No.		6			6	
	8	973 x 2380 x 100	No.			6		6	
	9	999 x 2380 x 100	No.			9	9	18	
	10	899 x 2380 x 100	No.			6		6	
	11	949 x 2380 x 100	No.			3	3	6	
Concrete Volume	$\sigma_{ck} = 40$ N/mm ²	m ³	38.4	38.4	76.8	38.5	192		
Form Area	For Side, Edge and Bottom	m ²	517.0	517.5	1026.8	514.2	2576		
PC Plate Area		m ²	399.5	399.9	797.5	399.5	1996		
Joint Filler	Sponge Tape	m	335.7	336.0	670.2	335.7	1678	15 mm x 10	
Filling Material for Cutout Part	Non-Shrinkage Mortar	m ³	1.007	1.008	2.010	1.007	5.03		
Joint Sealing Material	Non-Shrinkage Mortar	m ³	0.170	0.170	0.328	0.164	0.83		
Length of PC Strand	1S9.3	m	6211.8	6211.8	11995.2	5997.6	30416		
Weight of PC Strand	1S9.3	kg	2516	2516	4860	2430	12322		
		D10	kg	3080	3080	5948	2974	15082	
Reinforcement Bar	SD345	Total	kg	3080	3080	5948	2974	15082	

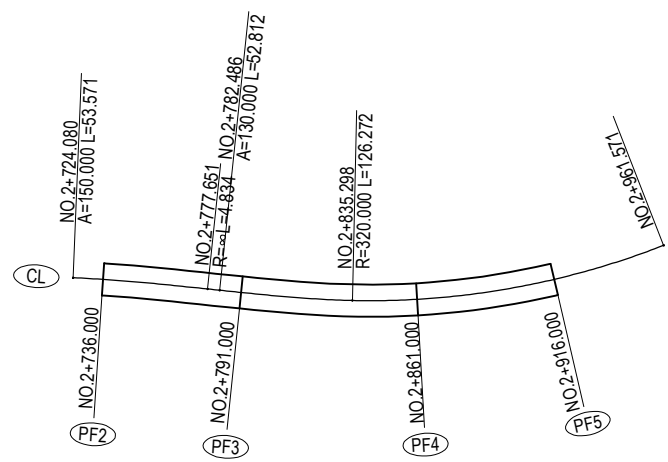
QUANTITY OF MAIN GIRDER

Specification		Unit	A1-P2	P5-P7	P7-P11	P14-A2	Total	Remarks
Connecting Part								
Concrete Volume	$\sigma_{ck} = 30$ N/mm ²	m ³	36.2	36.2	112.3	35.8	221	Connecting Part
Form Area	For Side, Edge and Bottom	m ²	51.7	51.7	158.4	51.3	313	Connecting Part
Reinforcement Bar	SD345	D22	kg	1727	1728	5397	1719	10571
		D19	kg	0	0	0	0	0
		D16	kg	4298	4303	14199	4281	27081
		D13	kg	197	197	600	197	1191
		Total	kg	6222	6228	20196	6197	38843

SUPERSTRUCTURE COORDINATES (PF2-PF5) (1)

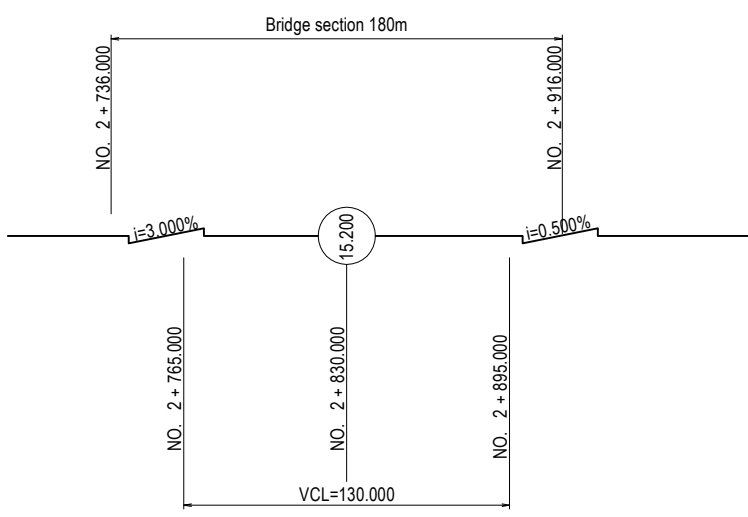


CURVE ELEMENTS

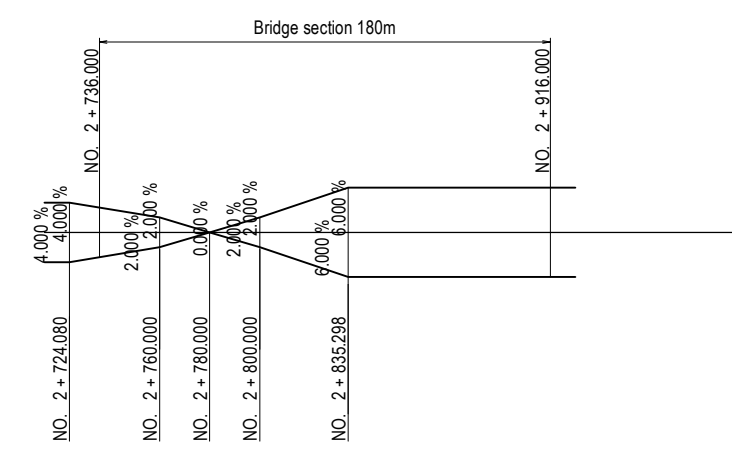


Station point	X coordinate	Y coordinate	Element
2+724.0800	1859491.8268	204313.8165	A= 150.000
2+777.6510	1859542.7491	204297.2096	R= ∞
2+782.4860	1859547.3761	204295.8087	A= 130.000
2+835.2980	1859597.4676	204279.1259	R= 320.000
2+916.15710	1859702.8295	204211.0247	

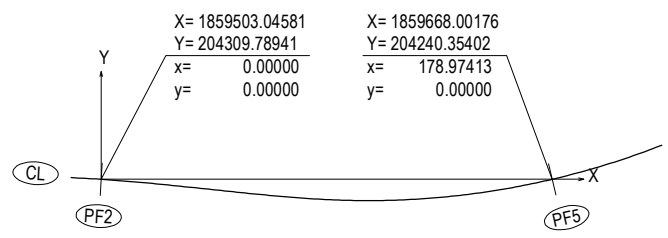
GRADE FOR LONGITUDINAL



SUPER ELEVATION

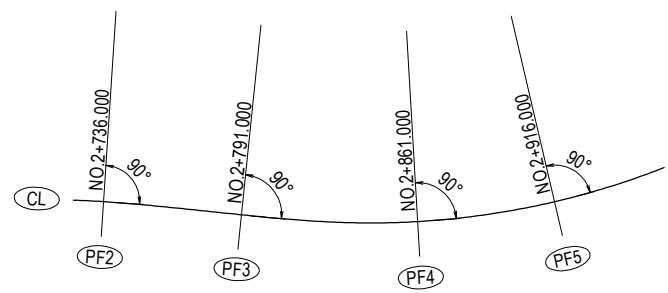


SMALL COORDINATES

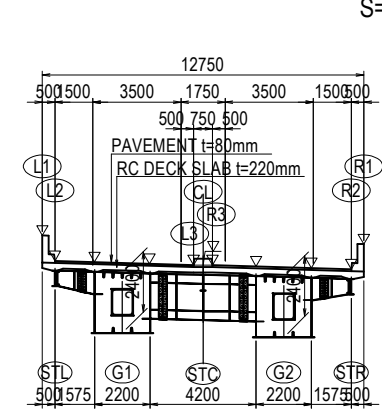


How to set the small coordinates
 X coordinate : Starting point is intersection of PF2 and CL
 Ending point is intersection of PF5 and CL
 Y coordinate : Perpendicular to X line

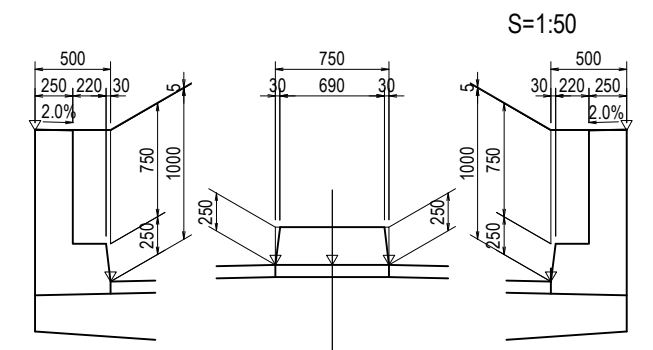
SETTING PIER ANGLE



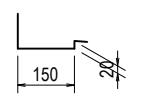
TYPICAL CROSSSECTION



CONCRETE CURB BARRIER AND MEDIAN



DRAINER PART DETAILS

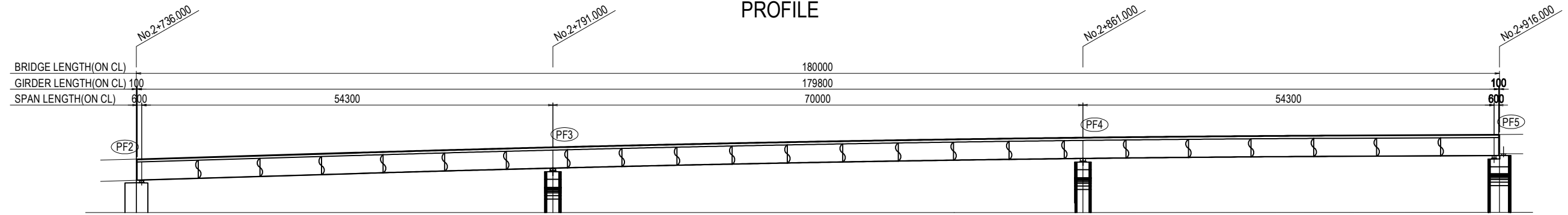


SUPERSTRUCTURE COORDINATES (PF2-PF5) (2)

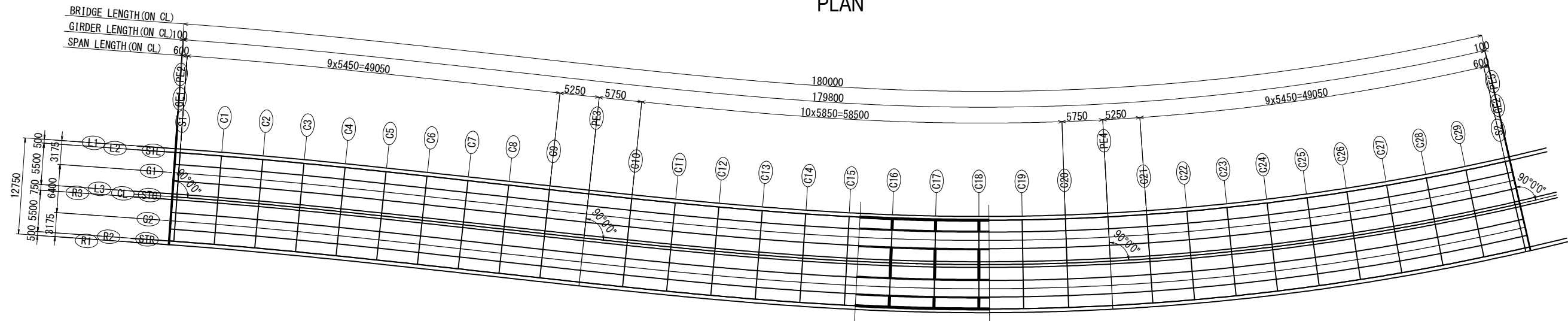
		PF2	GE1	S1	C1	C2	C3	C4	C5	C6	C7	C8	C9	PF3	C10	C11	C12	C13	C14	C15	C16	C17	C18	C19	C20	PF4	C21	C22	C23	C24	C25	C26	C27	C28	C29	S2	GE2	PF5
L1	X	0.4197	0.5195	1.1181	6.6211	12.1039	17.5749	23.0346	28.4835	33.9222	39.3514	44.7728	50.1912	55.4016	61.0980	66.8835	72.6598	78.4277	84.1874	89.9389	95.6816	101.4157	107.1490	112.8819	118.6124	124.2409	129.3749	134.6977	140.0122	145.3168	150.6100	155.8902	161.1559	166.4056	171.6378	176.8373	177.4217	177.5190
L1	Y	6.3612	6.3546	6.3146	5.9183	5.4760	4.9945	4.4812	3.9434	3.3883	2.8233	2.2552	1.6877	1.1473	0.5728	0.0180	-0.4954	-0.9559	-1.3519	-1.6720	-1.9050	-2.0397	-2.0699	-1.9952	-1.8158	-1.5374	-1.1950	-0.7504	-0.2153	0.4103	1.1262	1.9320	2.8277	3.8129	4.8874	6.0477	6.1839	6.2067
L1	Z	13.5635	13.5662	13.5821	13.7292	13.8760	14.0228	14.1696	14.3068	14.4384	14.5645	14.6848	14.7995	14.9045	15.0134	15.1159	15.2093	15.2962	15.3765	15.4502	15.5173	15.5928	15.6632	15.7671	15.8443	15.9138	15.9718	16.0263	16.0751	16.1182	16.1556	16.1873	16.2147	16.2420	16.2692	16.2964	16.2995	16.3000
L2	X	0.3868	0.4866	1.0852	6.5829	12.0617	17.5295	22.9865	28.4334	33.8708	39.2994	44.7207	50.1392	55.3505	61.0488	66.8373	72.6177	78.3905	84.1562	89.9147	95.6655	101.4085	107.1509	112.8930	118.6327	124.2701	129.4123	134.7436	140.0665	145.3796	150.6812	155.9698	161.2440	166.5020	171.7426	176.9515	177.5358	177.6332
L2	Y	5.8623	5.8557	5.8157	5.4198	4.9778	4.4965	3.9835	3.4459	2.8910	2.3260	1.7580	1.1904	0.6499	0.0752	-0.4799	-0.9936	-1.4545	-1.8509	-2.1714	-2.4047	-2.5396	-2.5698	-2.4951	-2.3154	-2.0366	-1.6936	-1.2483	-0.0857	0.6313	1.4384	2.3355	3.3223	4.3985	5.5609	5.6971	5.7199	
L2	Z	12.5635	12.5662	12.5822	12.7292	12.8760	13.0228	13.1696	13.3068	13.4384	13.5645	13.6848	13.7995	13.9045	14.0134	14.1159	14.2093	14.2962	14.3765	14.4502	14.5173	14.5928	14.6632	14.7671	14.8443	14.9138	14.9718	15.0263	15.0751	15.1182	15.1556	15.1873	15.2147	15.2420	15.2692	15.2964	15.2995	15.3000
STL	X	0.3868	0.4866	1.0852	6.5829	12.0617	17.5295	22.9865	28.4334	33.8708	39.2994	44.7207	50.1392	55.3505	61.0488	66.8373	72.6177	78.3905	84.1562	89.9147	95.6655	101.4085	107.1509	112.8930	118.6327	124.2701	129.4123	134.7436	140.0665	145.3796	150.6812	155.9698	161.2440	166.5020	171.7426	176.9515	177.5358	177.6332
STL	Y	5.8623	5.8557	5.8157	5.4198	4.9778	4.4965	3.9835	3.4459	2.8910	2.3260	1.7580	1.1904	0.6499	0.0752	-0.4799	-0.9936	-1.4545	-1.8509	-2.1714	-2.4047	-2.5396	-2.5698	-2.4951	-2.3154	-2.0366	-1.6936	-1.2483	-0.0857	0.6313	1.4384	2.3355	3.3223	4.3985	5.5609	5.6971	5.7199	
STL	Z	12.5635	12.5662	12.5822	12.7292	12.8760	13.0228	13.1696	13.3068	13.4384	13.5645	13.6848	13.7995	13.9045	14.0134	14.1159	14.2093	14.2962	14.3765	14.4502	14.5173	14.5928	14.6632	14.7671	14.8443	14.9138	14.9718	15.0263	15.0751	15.1182	15.1556	15.1873	15.2147	15.2420	15.2692	15.2964	15.2995	15.3000
G1L	X	0.2831	0.3829	0.9815	6.4627	11.9290	17.3864	22.8351	28.2758	33.7090	39.1355	44.5565	49.9755	55.1897	60.8941	66.6919	72.4847	78.2733	84.0579	89.8385	95.6146	101.3858	107.1570	112.9278	118.6963	124.3621	129.5300	134.8880	140.2377	145.5774	150.9056	156.2207	161.5213	166.8057	172.0725	177.3110	177.8953	177.9927
G1L	Y	4.2907	4.2841	4.2441	3.8494	3.4084	2.9281	2.4158	1.8788	1.3243	0.7596	0.1915	-0.3761	-0.9169	-1.4922	-2.0630	-2.6288	-3.1896	-3.7446	-4.2978	-4.8488	-5.3966	-5.9399	-6.4787	-7.0129	-7.5426	-8.0673	-8.5870	-9.1016	-9.6111	-10.1156	-10.6149	-11.1041	-11.5822	-12.0498	-12.5067	-12.9529	-13.3892
G1L	Z	12.5109	12.5137	12.5303	12.6820	12.8336	12.9852	13.1368	13.2815	13.4217	13.5564	13.6853	13.8085	13.9218	14.0398	14.1520	14.2559	14.3532	14.4439	14.5281	14.6056	14.6873	14.7777	14.8616	14.9398	15.0083	15.0663	15.1208	15.1696	15.2127	15.2501	15.2818	15.3092	15.3365	15.3637	15.3910	15.3940	15.3945
G1	X	0.2107	0.3104	0.9091	6.3787	11.8363	17.2864	22.7294	28.1657	33.5960	39.0210	44.4419	49.8612	55.0774	60.7860	66.5903	72.3919	78.1914	83.9892	89.7853	95.5790	101.3699	107.1613	112.9512	118.7408	124.5263	129.6122	134.9889	140.3572	145.7155	151.0623	156.3959	161.7150	167.0178	172.3030	177.5620	178.1464	178.2437
G1	Y	3.1931	3.1865	3.1465	2.7526	2.3123	1.8326	1.3209	0.7843	0.2301	-0.3345	-0.9025	-1.4701	-2.0111	-2.5868	-3.1435	-3.6591	-4.1221	-4.5207	-4.8433	-5.0783	-5.2143	-5.2448	-5.1695	-4.9882	-4.7070	-4.3611	-3.9120	-3.3715	-2.7395	-2.0165	-1.2024	-0.2977	0.6975	1.7829	2.9565	3.0927	3.1155
G1	Z	12.4742	12.4771	12.4940	12.6491	12.8040	12.9589	13.1139	13.2638	13.4101	13.5507	13.6856	13.8149	13.9339	14.0583	14.1772	14.2884	14.3930	14.4910	14.5825	14.6673	14.7533	14.8437	14.9276	15.0048	15.0743	15.1323	15.1868	15.2356	15.2787	15.3161	15.3478	15.3752	15.4025	15.4297	15.4570	15.4600	15.4605
G1R	X	0.1382	0.2380	0.8367	6.2947	11.7436	17.1865	22.6236	28.0556	33.4830	38.9065	44.3272	49.7469	54.9650	60.6779	66.4888	72.2991	78.1096	83.9206	89.7320	95.5434	101.3541	107.1655	112.9766	118.7853	124.5905	129.6944	135.0898	140.4767	145.8536	151.2190	156.5711	161.9086	167.2299	172.5334	177.8131	178.3974	178.4948
G1R	Y	2.0954	2.0889	2.0489	1.6558	1.2162	0.7372	0.2260	-0.3102	-0.8640	-1.4285	-1.9965	-2.5642	-3.1054	-3.6815	-4.2388	-4.7552	-5.2190	-5.6185	-5.9420	-6.1778	-6.3142	-6.3448	-6.2692	-6.0873	-5.8052	-5.4580	-5.0074	-4.4649	-3.8308	-3.1053	-2.2884	-1.3805	-0.3819	0.7073	1.8855	2.0218	2.0446
G1R	Z	12.4375	12.4404	12.4578	12.6161	12.7744	12.9327	13.0909	13.2462	13.3984	13.5451	13.6860	13.8212	13.9460	14.0767	14.2025	14.3210	14.4328	14.5382	14.6369	14.7290	14.8193	14.9097	14.9936	15.0708	15.1403	15.1983	15.2528	15.3016	15.3447	15.3821	15.4138	15.4412	15.4685	15.4957	15.5230	15.5260	15.5265
L3	X	0.0247	0.1245	0.7231	6.1630	11.5983	17.0298	22.4578	27.8829	33.3058	38.7270	44.1474	49.5676	54.7889	60.5084	66.3295	72.1535	77.9812	83.8129	89.6486	95.4877	101.3292	107.1722	113.0148	118.8550	124.6912	129.8233	135.2480	140.6642	146.0702	151.4647	156.8459	162.2124	167.5625	172.8948	178.2068	178.7912	178.8885
L3	Y	0.3742	0.3676	0.3277	-0.0642	-0.5027	-0.9807	-1.4910	-2.0265	-2.5799	-3.1441	-3.7121	-4.2798	-4.8213	-5.3982	-5.9564	-6.4740	-6.9392	-7.3402	-7.6650	-7.9019	-8.0390	-8.0698	-7.9938	-7.8109	-7.5272	-7.1782	-6.7251	-6.1797	-5.5422	-4.8127	-3.9914	-3.0786	-2.0745	-0.9794	0.2061	0.3423	0.3651
L3	Z	12.3800	12.3830	12.4010	12.5645	12.7280	12.8915	13.0550	13.2185	13.3801	13.5362	13.6865	13.8311	13.9650	14.1056	14.2421	14.3720	14.4953	14.6120	14.7222	14.8258	14.9228	15.0132	15.0971	15.1743	15.2438	15.3018	15.3563	15.4051	15.4482	15.4856	15.5173	15.5447	15.5720	15.5992	15.6265	15.6295	15.6300
CL	X	0.0000	0.0998	0.6985	6.1343	11.5667	16.9957	22.4218	27.8454	33.2672	38.6880	44.1083	49.5286	54.7506	60.4716	66.2949	72.1219	77.9533	83.7895	89.6304	95.4755	101.3238	107.1737	113.0231	118.8702	124.6131	129.8514	135.2824	140.7049	146.1173	151.5181	156.9056	162.2784	167.6348	172.9734	178.2924	178.8768	178.9741
CL	Y	0.0000	-0.0066	-0.0465	-0.4381	-0.8764	-1.3542	-1.8643	-2.3996	-2.9529	-3.5171	-4.0850	-4.6528	-5.1944	-5.7714	-6.3298	-6.8477	-7.3132	-7.7144	-8.0395	-8.2767	-8.4140	-8.4448	-8.3687	-8.1856	-7.9016	-7.5521	-7.0985	-6.5525	-5.9142	-5.1838	-4.3616	-3.4477	-2.4424	-1.3461	-0.1590	-0.0228	0.0000
CL	Z	12.3800	12.3830	12.4010	12.5645	12.7280	12.8915	13.0550	13.2185	13.3801	13.5362	13.6865	13.8311	13.9650	14.1056	14.2421	14.3720	14.4953	14.6120	14.7222	14.8258	14.9228	15.0132	15.0971	15.1743	15.2438	15.3018	15.3563	15.4051	15.4482	15.4856	15.5173	15.5447	15.5720	15.5992	15.6265	15.6295	15.6300
STC	X	0.0000	0.0998	0.6985	6.1343	11.5667	16.9957	22.4218	27.8454	33.2672	38.6880	44.1083	49.5286	54.7506	60.4716	66.2949	72.1219	77.9533	83.7895	89.6304	95.4755	101.3238	107.1737	113.0231	118.8702	124.6131	129.8514	135.2824	140.7049	146.1173	151.5181	156.9056	162.2784	167.6348	172.9734	178.2924	178.8768	178.9741
STC	Y	0.0000	-0.0066	-0.0465	-0.4381	-0.8764	-1.3542	-1.8643	-2.3996	-2.9529	-3.5171	-4.0850	-4.6528	-5.1944	-5.7714	-6.3298	-6.8477	-7.3132	-7.7144	-8.0395	-8.2767	-8.4140	-8.4448	-8.3687	-8.1856	-7.9016	-7.5521	-7.0985	-6.5525	-5.9142	-5.1838	-4.3616	-3.4477	-2.4424	-1.3461	-0.1590	-0.0228	0.0000
STC	Z	12.3800	12.3830	12.4010	12.5645	12.7280	12.8915	13.0550	13.2185	13.3801	13.5362	13.6865	13.8311	13.9650	14.1056	14.2421	14.3720	14.4953	14.6120	14.7222</																		

GENERAL VIEW OF SUPERSTRUCTURE (PF2-PF5) S=1:600

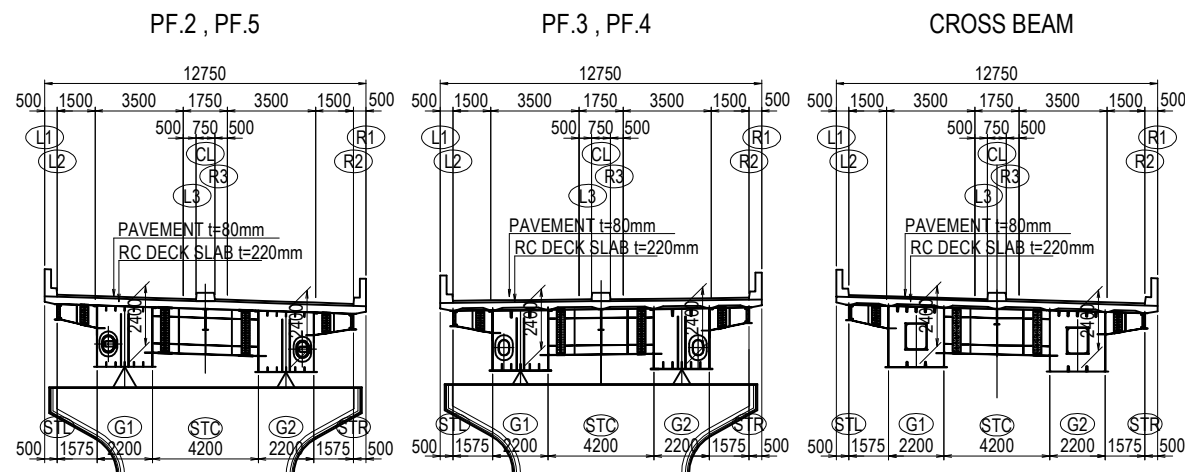
PROFILE



PLAN



TYPICAL CROSS SECTION S=1:300



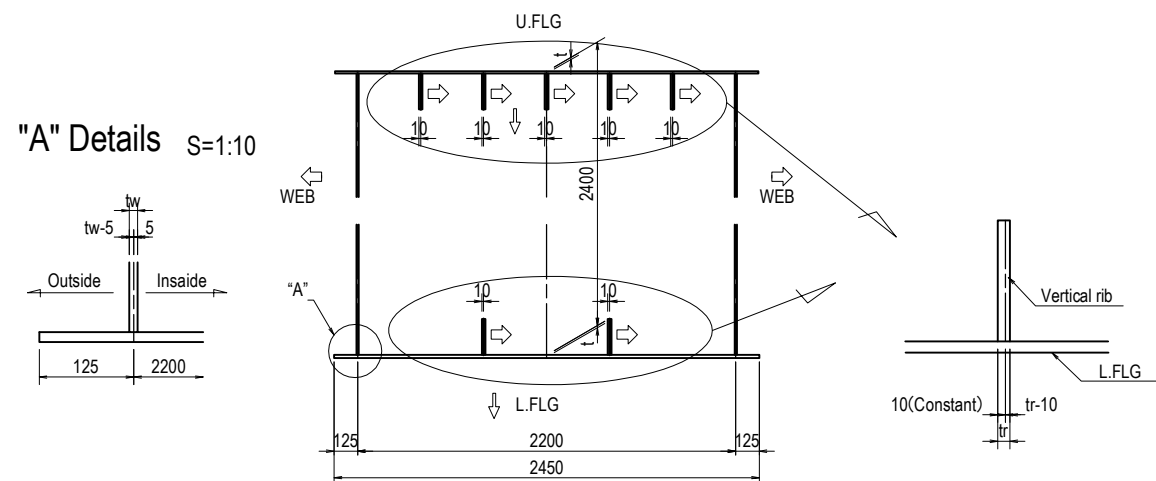
DESIGN CONDITION

ROAD GRADE	Equivalent to class4-1
BRIDGE TYPE	3 span continuous steel box girder
BRIDGE LENGTH	L = 180.000 m
SPAN LENGTH	L = 54.300 + 70.000 + 54.300 m
WIDTH OF THE ROAD	TOTAL : 12.750 m L = 0.500 + 5.500 + 0.750 + 5.500 + 0.500 m
PLANE CONFIGURATION	A=150.0 ~ R=∞ ~ A=130.0 ~ R=320.0
LONGITUDINAL SLOPE	↘ 3.000% (VCL=130) ↗ 0.500% (VCL=60)
SECTIN SLOPE	4.000% ↘ 2.000% ↗ 6.000%
ANGLE OF SKEW	90°0'0"
PAVEMENT	ASPHALT PAVEMENT t = 80 mm
SLAB	REINFORCED CONCRETE t = 220 mm
LIVE ROAD	AASHTO HL-93
DESIGN STANDARD	AASHTO LRFD BRIDGE DESIGN 2014(LIVE ROAD) Specifications for highway bridges(Japan Road Association) I Common matters, II Steel bridges, V Seismic design(April 2012)

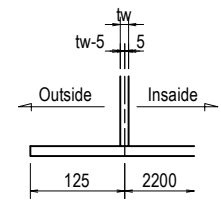
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME Y. SUZUKI T. HAYAKAWA Y. SANO	SIGNATURE <i>YS</i> <i>平川知平</i> <i>佐野 祐一</i>	DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE GENERAL VIEW OF SUPERSTRUCTURE (PF2-PF5)	PACKAGE 3 DWG No. P3-FO-1403
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COMMON DETAIL (PF2-PF5) (1) S=1:20

PLATE THICKNESS CHANGE DETAIL S=1:40

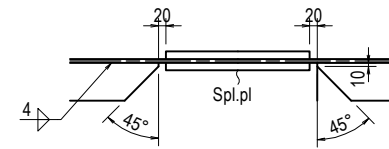


"A" Details S=1:10

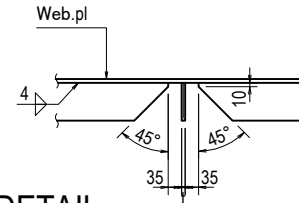


HORIZONTAL STIFFENER DETAIL

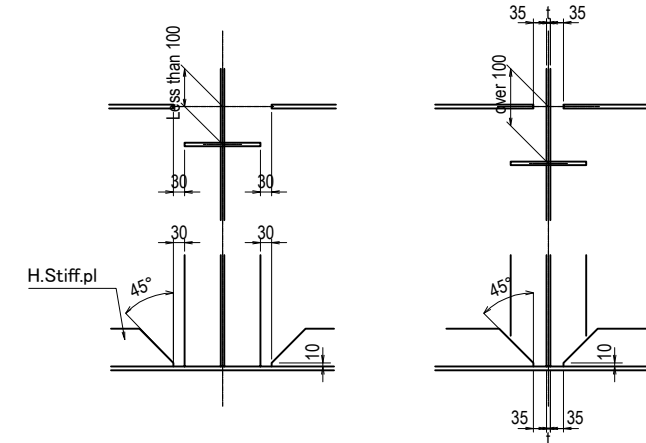
ATTACHMENT PART



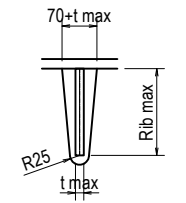
MIDDLE PART



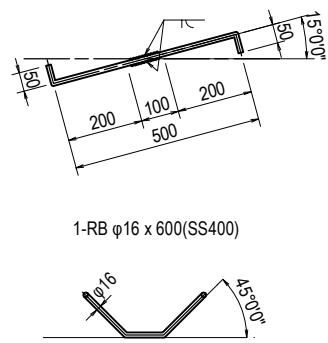
LATERAL RIB DIAPHRAGM PART



SCALLOP DETAIL

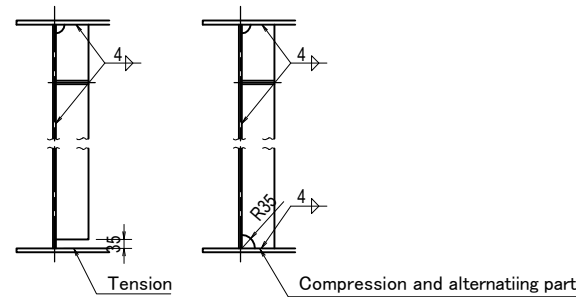


SLAB ANCHOR DETAIL

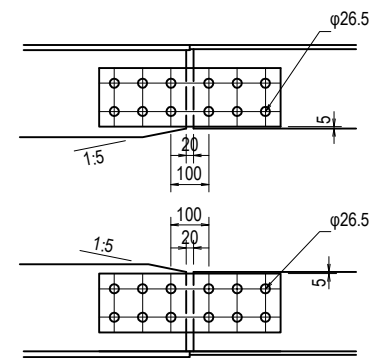


STIFFENER WELDING DETAILS

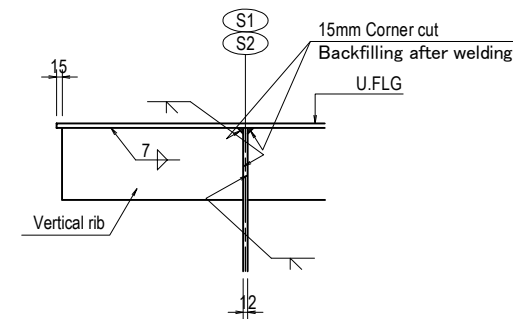
MIDDLE PART



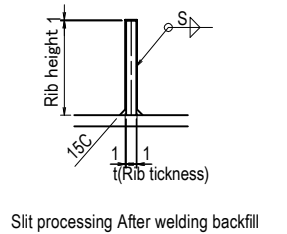
VERTICAL RIB DETAIL



CROSS SECTION PART

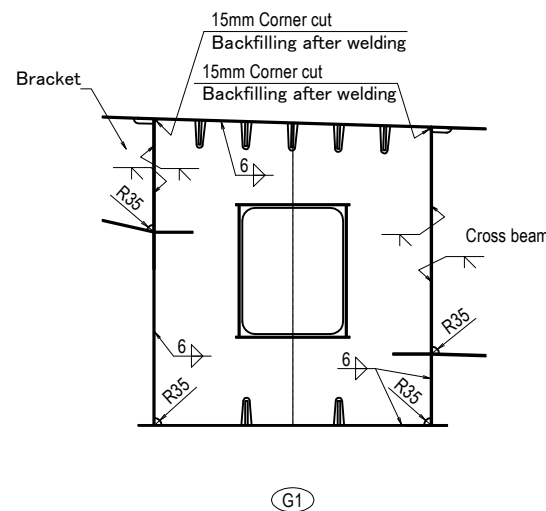


VERTICAL RIB SLIT DETAIL

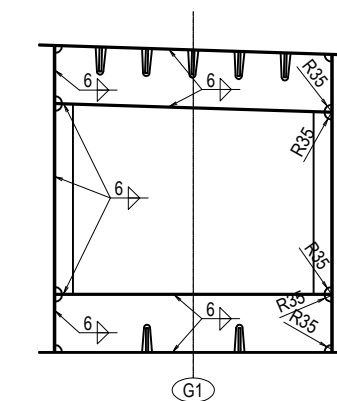


WEB AND DIAPHRAGM MOUNTING DETAIL S=1:60

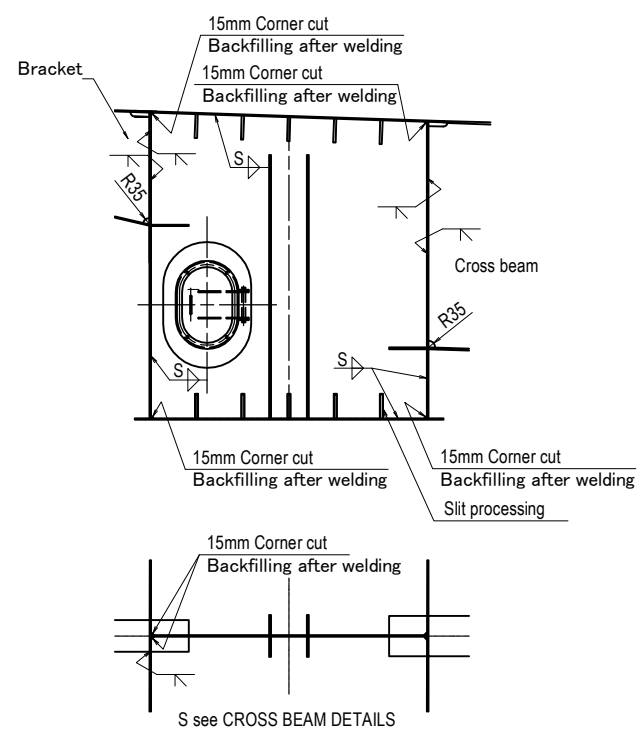
GRANTED PART



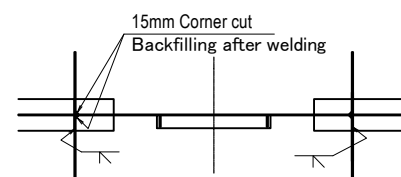
CROSS RIB



FULCRUM PART



CROSS RIB

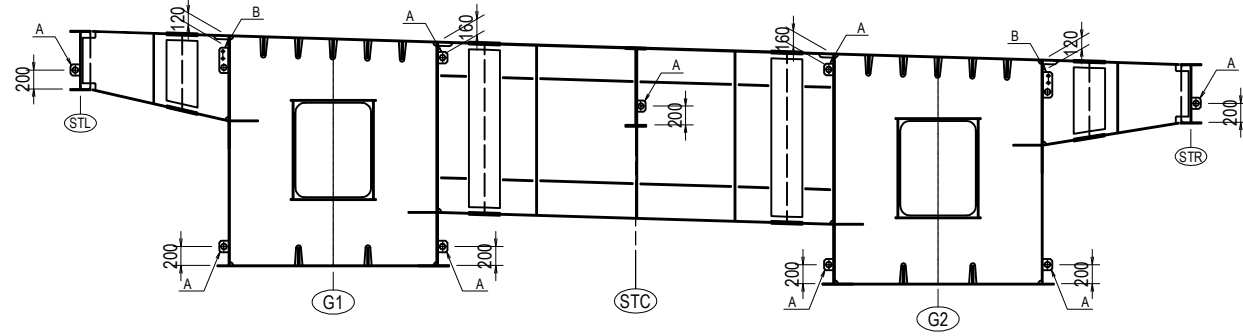


- Note
1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

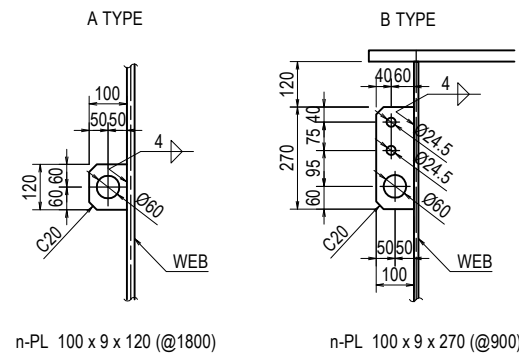
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	Y. SUZUKI	<i>[Signature]</i>	14 Jul. 2017	COMMON DETAIL (PF2-PF5) (1)	3
				T. HAYAKAWA	<i>[Signature]</i>	20 Jul. 2017		DWG No.
				Y. SANO	<i>[Signature]</i>	25 Jul. 2017		P3-FO-1406

COMMON DETAIL (PF2-PF5) (2) S=1:20

HANGING BRACKET INSTALLATION POSITION FOR SCAFFOLD S=1:80

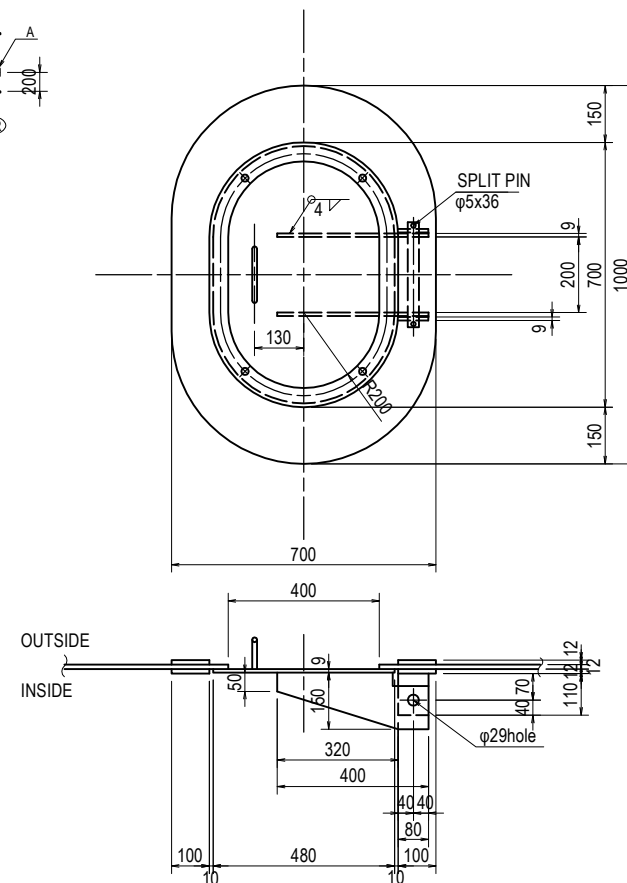


HANGING BRACKET DETAIL



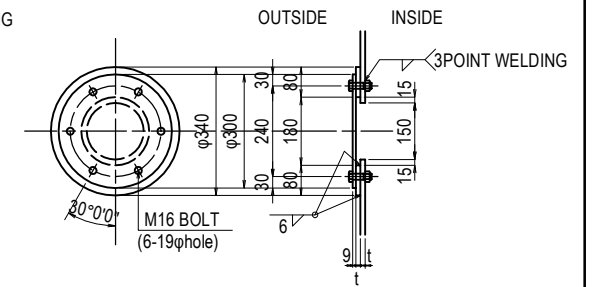
Mounting position	n	
	A TYPE	B TYPE
STL	100	-
G1	300	400
STC	100	-
G2	300	400
STR	100	-

S1,S2 DIAPHRAGM MANHOLE DETAIL (M.H)



- (4 PLACES)
 2-PL 700 x 12 x 1000(SM400A)(NET=43%)
 1-PL 480 x 9 x 680(SM400A)(NET=83%)
 2-PL 150 x 9 x 400(SM400A)
 2-PL 80 x 9 x 110(SM400A)
 1-RB φ13 x 310(SS400)
 4-BN M16 x 40(SUS304)
 1-Pipe 20A x 280(SUS304)
 2-SPLIT PIN φ5 x 36(SUS304)

HAND HOLE DETAIL

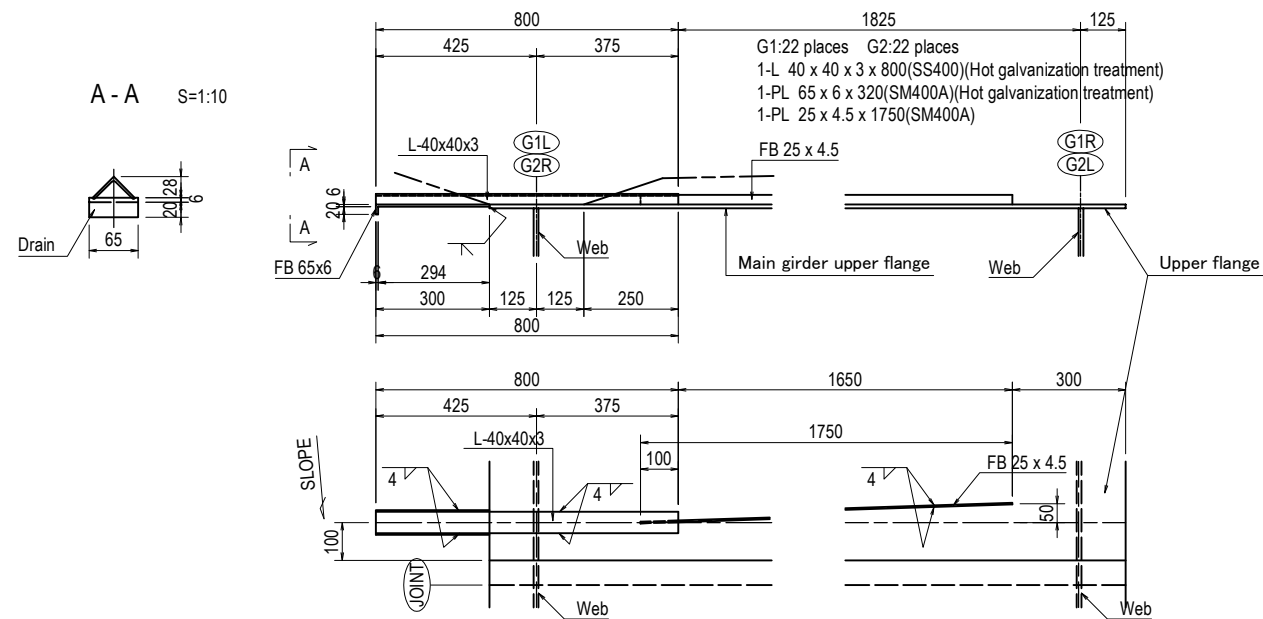


- 1-PL φ300 x 9 (SS400)
 1-PL φ340 x t (The Same thickness as the base metal same material)
 6-BN M16 x L (SS400)-Plating>

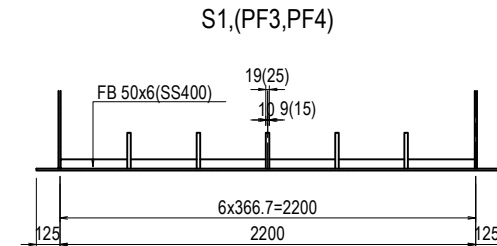
G1			
Mounting position	t	L	Material
J1	10	50	SM490YA
J2~J4,J20~J22	14	60	
J5,J10,J14,J19	11	50	
J6,J20	18	65	
J7,J8	32	95	SM490YB
J9	16	60	
J11~J13	13	55	SM490YA
J15	17	65	
J16	34	100	
J17	36	100	
J18	20	70	SM490YB

G2			
Mounting position	t	L	Material
J1	10	50	SM490YA
J2~J4,J11~J13	14	60	
J5,J10,J19	11	50	
J6	20	70	
J7,J16	36	100	SM490YB
J8	34	100	
J9	17	65	SM490YA
J14	12	55	
J15	18	65	
J17	39	110	
J18	22	75	SM490YB
J20~J22	15	60	

SLAB DRAINAGE DUCT (FOR STEEL BOX GIRDER)

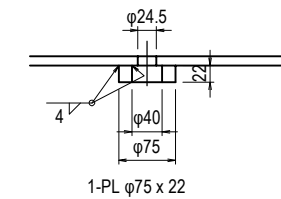


DRAIN DETAIL S=1:40

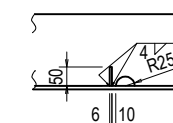


- S1(G1,G2) PF3,PF4(G1,G2)
 1-PL 50 x 6 x 365(SM400A) 1-PL 50 x 6 x 365(SM400A)
 4-PL 50 x 6 x 360(SM400A) 4-PL 50 x 6 x 354(SM400A)
 1-PL 50 x 6 x 366(SM400A) 1-PL 50 x 6 x 359(SM400A)
 2-PL φ75 x 22(SM400A) 2-PL φ75 x 22(SM400A)

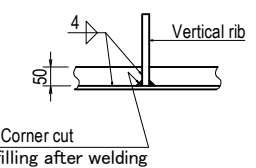
DRAIN HOLE DETAIL S=1:10



A - A S=1:20



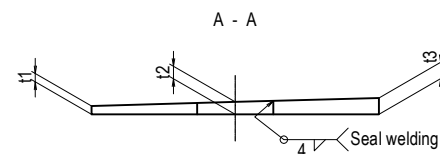
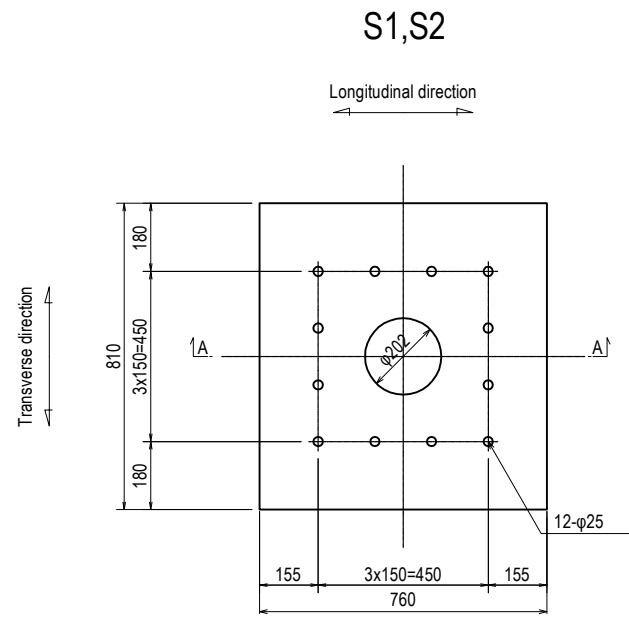
B - B S=1:20



- Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

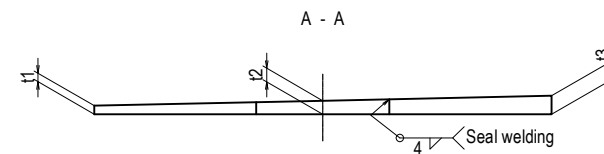
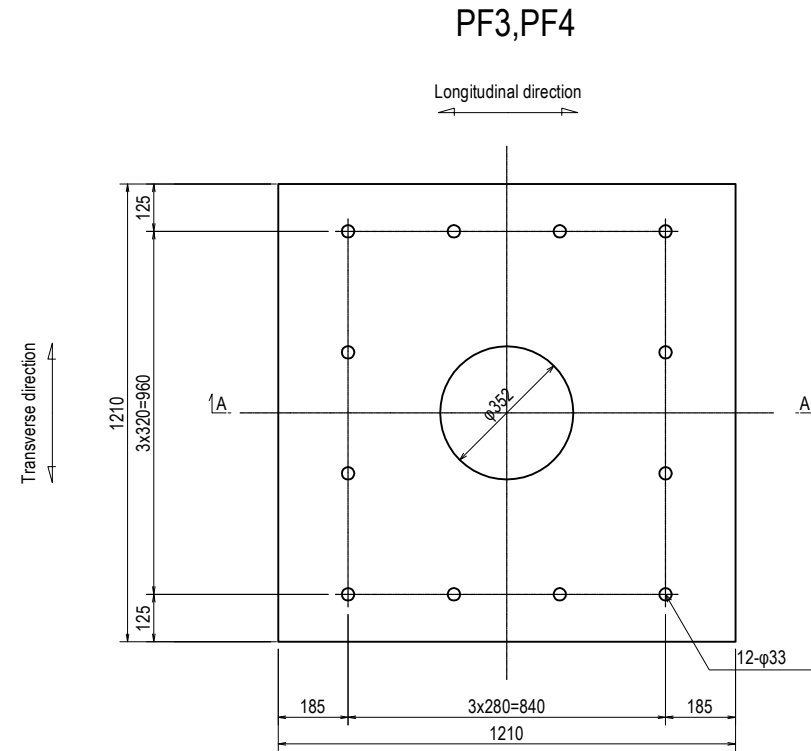
COMMON DETAIL (PF2-PF5) (3) S=1:20

SOLE PLATE DETAIL



1-Sole PL 810 x T x 760 (Material)

	t1	t2	t3	T	Material
G1-S1	22.4	33	43.6	46	SM490C
G1-S2	22.1	24	25.9	28	SM490B
G2-S1	22.9	35	47.1	50	SM490C
G2-S2	22.1	24	25.9	28	SM490B



1-Sole PL 1210 x T x 1210 (Material)

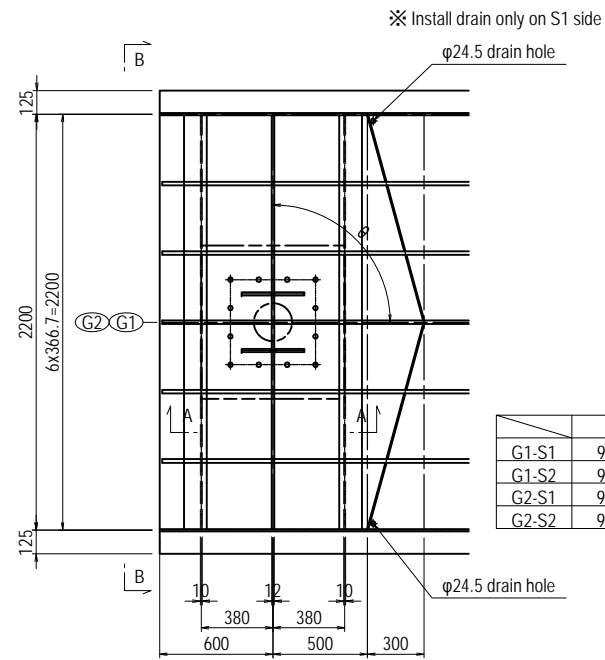
	t1	t2	t3	T	Material
G1-PF3	22.7	36	49.2	52	SM490C
G1-PF4	22.9	30	37.1	40	SM490B
G2-PF3	22.9	40	57	59	SM490C
G2-PF4	22	29	35.9	38	SM490B

- Note
1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

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.	Y. SUZUKI	<i>YS</i>	14 Jul. 2017	COMMON DETAIL (PF2-PF5) (3)	3
				T. HAYAKAWA	<i>平川知邦</i>	20 Jul. 2017		DWG No.
				Y. SANO	<i>佐野 祐一</i>	25 Jul. 2017		P3-FO-1408

COMMON DETAIL (PF2-PF5) (4) S=1:40

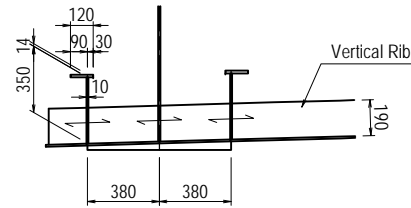
S1,S2
G1,G2



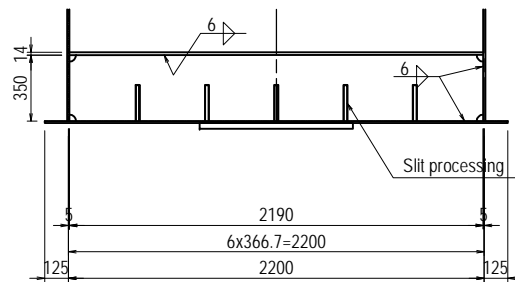
	θ
G1-S1	90°04'24
G1-S2	90°07'36
G2-S1	90°04'27
G2-S2	90°07'27

2-PL 120 x 14 x 2190
2-PL 350 x 10 x 2190

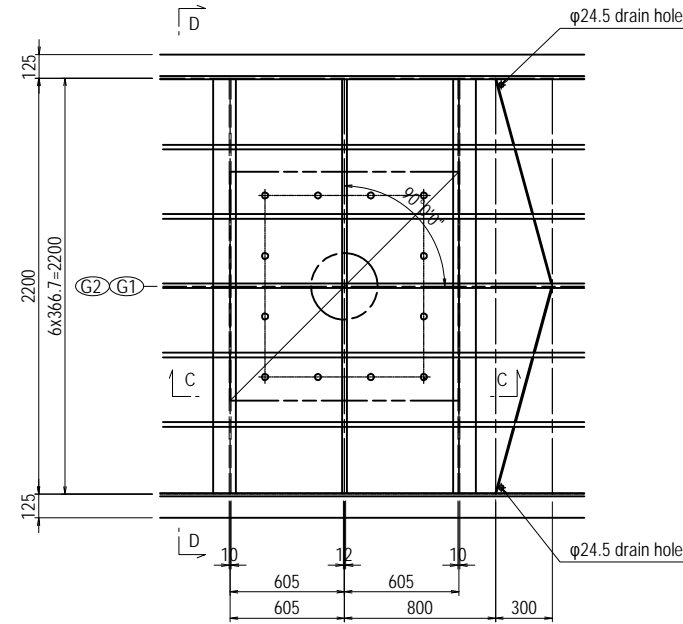
A - A



B - B

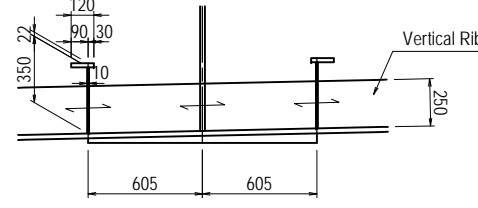


PF3,PF4
G1,G2

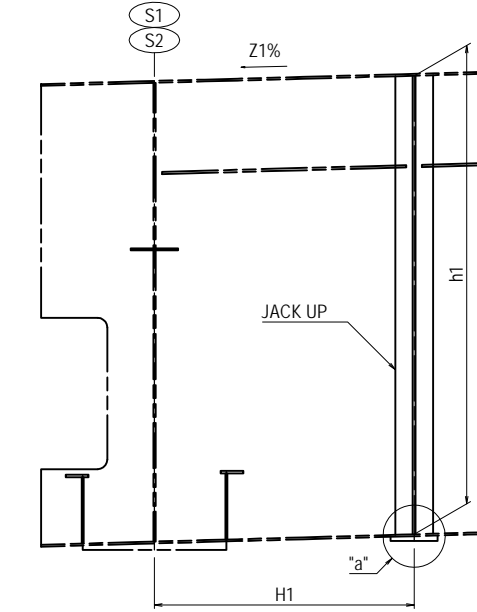
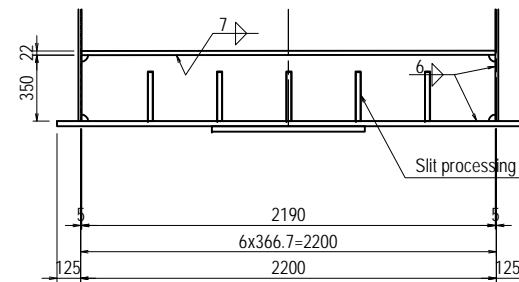


2-PL 120 x 22 x 2190
2-PL 350 x 10 x 2190

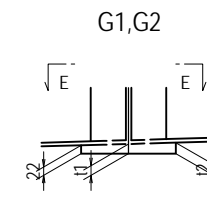
C - C



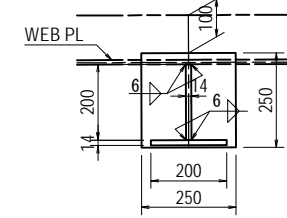
D - D



"a" DETAIL S=1:20



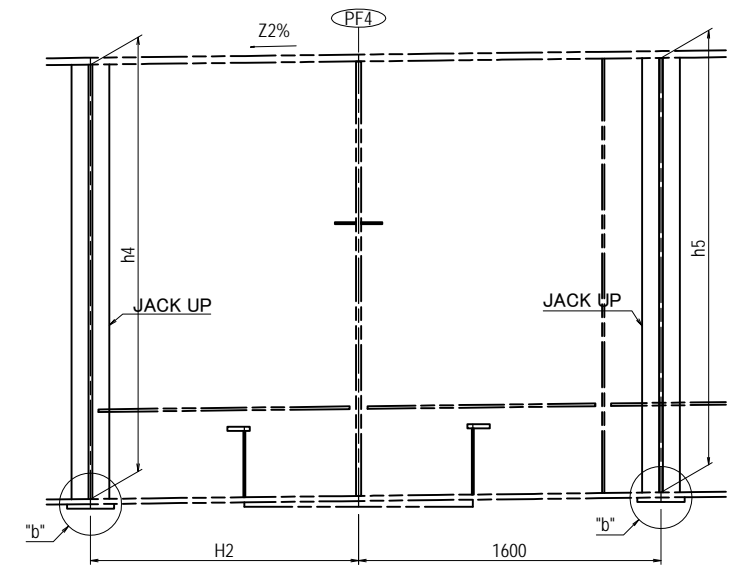
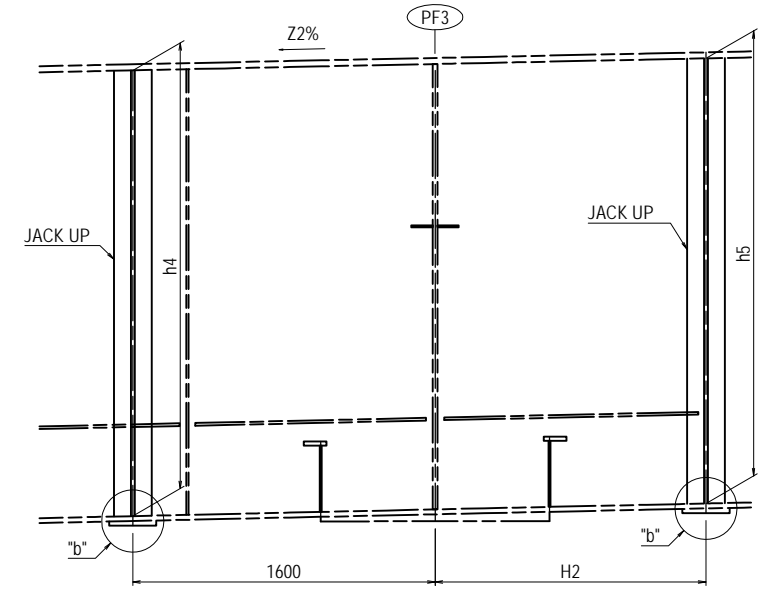
E - E



<S1,S2> - Per point part
2-JACK PL 200 x 14 x h2 (SM490YA)
2-JACK PL 200 x 14 x h3 (SM490YA)
1-BASE PL 250 x t3 x 250 (SM400A)
1-BASE PL 250 x t3 x 250 (SM400A)

	H1	h1	h2	h3	t1	t2	t3	Z1
S1	G1L	1374	2425	2431	—	25.5	29	30
	G1R	1368	2355	—	2361	25.5	29	30
	G2L	1357	2425	2431	—	26	30	31
S2	G2R	1351	2355	—	2361	26	30	31
	G1L	1342	2324	2326	—	22.6	23.3	24
	G1R	1352	2456	—	2458	22.6	23.3	24
S2	G2L	1373	2323	2325	—	22.6	23.2	24
	G2R	1383	2455	—	2457	22.6	23.2	24

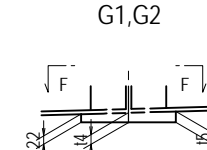
JACK UP DETAIL
G1,G2



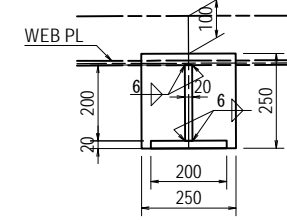
<PF3,PF4> - Per point part
2-JACK PL 200 x 20 x h6 (SM490YB) 4-BASE PL 250 x t6 x 250 (SM400A)
2-JACK PL 200 x 20 x h7 (SM490YB)
2-JACK PL 200 x 20 x h8 (SM490YB)
2-JACK PL 200 x 20 x h9 (SM490YB)

	H2	h4	h5	h6	h7	h8	h9	t4	t5	t6	Z2
PF3	G1L	1433	2358	2354	2362	2358	—	—	24.8	27.6	29
	G1R	1436	2378	2382	—	—	2384	2388	24.8	27.6	29
	G2L	1440	2354	2350	2360	2356	—	—	25.6	29.1	30
PF4	G2R	1442	2374	2378	—	—	2380	2384	25.6	29.1	30
	G1L	1418	2298	2298	2300	2300	—	—	23.5	25	26
	G1R	1428	2430	2430	—	—	2432	2432	23.5	25	26
PF4	G2L	1447	2295	2297	2297	2297	—	—	23.5	24.9	26
	G2R	1457	2427	2427	—	—	2429	2429	23.5	24.9	26

"b" DETAIL S=1:20



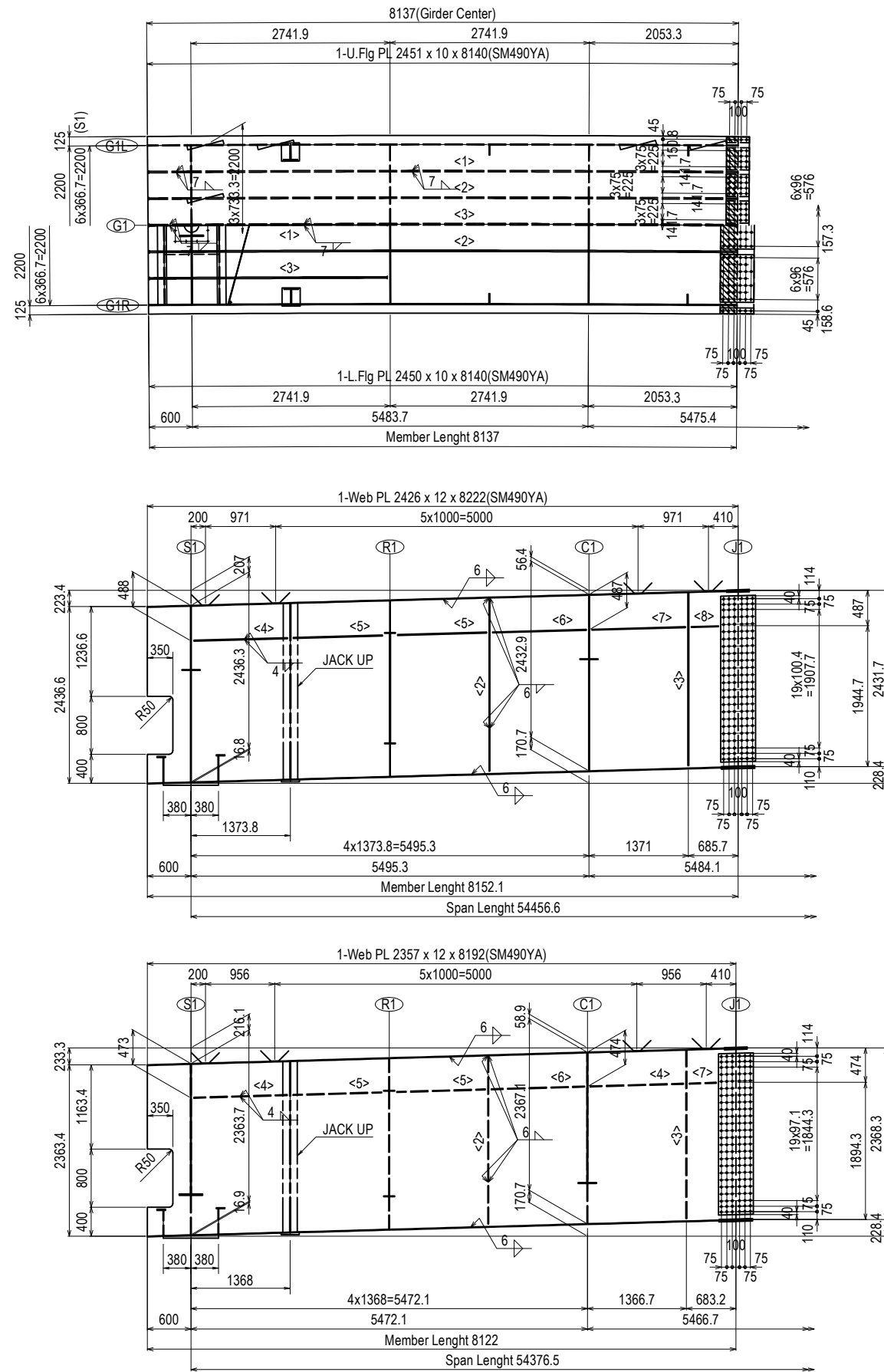
F - F



Note
1. All material without the reports is made SM400A
2. + : High-tension bolt M22 (S10T)
3. All scar laps without the reports are made R35

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (1)

S=1:80

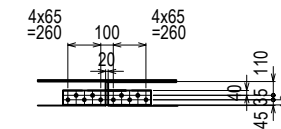


- <Upper Flg>
 18-RB φ16 x 600(SS400)
 <1>-1-Rib PL 190 x 19 x 8135(SM490YB)
 <2>-1-Rib PL 190 x 19 x 8129(SM490YB)
 <3>-1-Rib PL 190 x 19 x 8124(SM490YB)
 1-Rib PL 190 x 19 x 8120(SM490YB)
 1-Rib PL 190 x 19 x 8115(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 2-Fill PL 80 x 4.5 x 165(SS400)
 6-Fill PL 305 x 4.5 x 165(SS400)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)
- <Lower Flg>
 1-Rib PL 190 x 19 x 3302(SM490YB)
 1-Rib PL 190 x 19 x 8130(SM490YB)
 <1>-1-Rib PL 190 x 19 x 3298(SM490YB)
 <2>-1-Rib PL 190 x 19 x 8119(SM490YB)
 <3>-1-Rib PL 190 x 19 x 3294(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 3-Spl PL 656 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 1-Fill PL 2440 x 8 x 240(SS400)
 6-TCB M22 x 75(S10T)
 108-TCB M22 x 75(S10T)
 6-TCB M22 x 75(S10T)
 1-Sole PL 810 x 46 x 760(SM490C)

- <2>-1-V.Stiff PL 140 x 12 x 2389
 <3>-1-V.Stiff PL 140 x 12 x 2387
 <4>-1-H.Stiff PL 140 x 12 x 1292
 <5>-2-H.Stiff PL 140 x 12 x 1228
 <6>-1-H.Stiff PL 140 x 12 x 1294
 <7>-1-H.Stiff PL 140 x 12 x 1291
 <8>-1-H.Stiff PL 140 x 12 x 375
 1-Spl PL 2301 x 9 x 480(SM490YA)
 1-Spl PL 2301 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

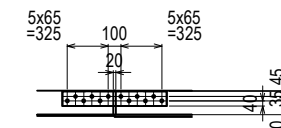
- <2>-1-V.Stiff PL 140 x 12 x 2326
 <3>-1-V.Stiff PL 140 x 12 x 2327
 <4>-2-H.Stiff PL 140 x 12 x 1287
 <5>-2-H.Stiff PL 140 x 12 x 1223
 <6>-1-H.Stiff PL 140 x 12 x 1288
 <7>-1-H.Stiff PL 140 x 12 x 372
 1-Spl PL 2238 x 9 x 480(SM490YA)
 1-Spl PL 2238 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

Top Long Rib Joint J1
(Numbers : 5)

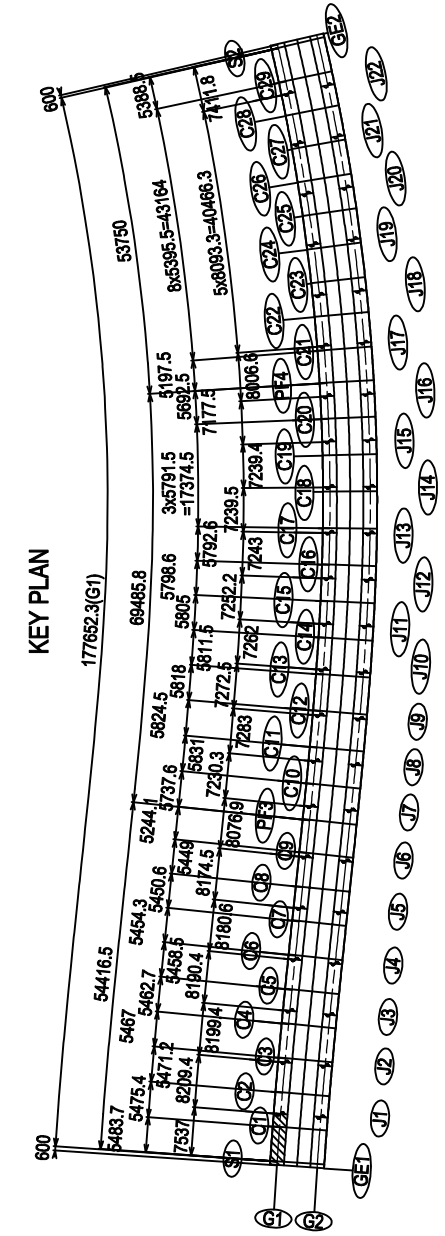


2-Spl PL 115 x 16 x 700(SM490YA)
 10-TCB M22 x 90(S10T)

Bot Long Rib Joint J1
(Numbers : 2)



2-Spl PL 115 x 19 x 830(SM490YB)
 12-TCB M22 x 95(S10T)

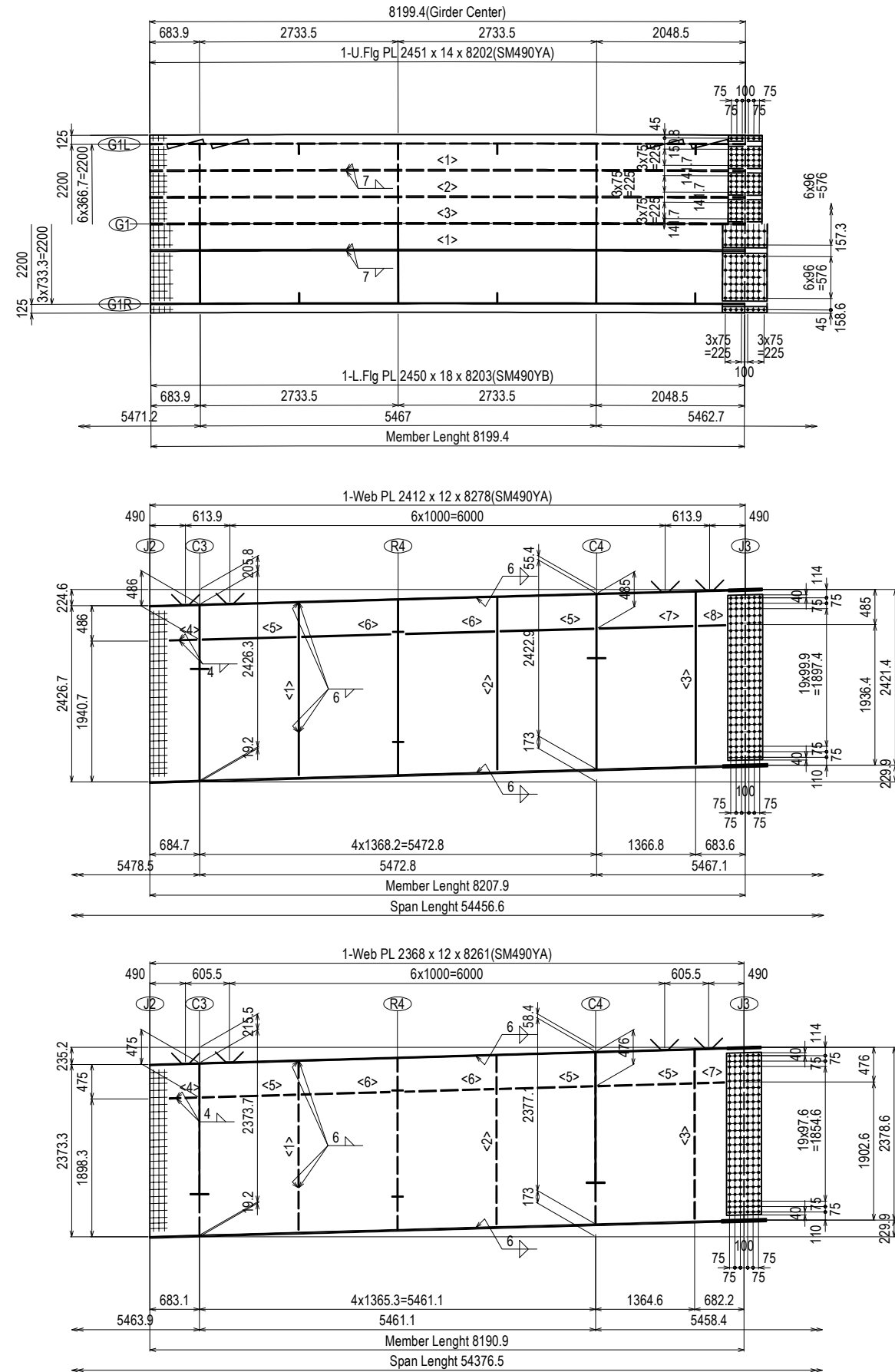


- Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
							DETAIL OF MAIN GIRDER G1 (PF2-PF5) (1)	3	
								DWG No.	
								P3-FO-1410	

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (3)

S=1:80

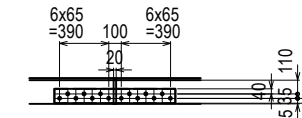


- <Upper Flг>**
- 18-RB $\phi 16 \times 600$ (SS400)
 - <1>1-Rib PL 190 x 19 x 8193(SM490YB)
 - <2>1-Rib PL 190 x 19 x 8191(SM490YB)
 - <3>1-Rib PL 190 x 19 x 8188(SM490YB)
 - 1-Rib PL 190 x 19 x 8185(SM490YB)
 - 1-Rib PL 190 x 19 x 8182(SM490YB)
 - 1-Spl PL 80 x 9 x 480(SM490YA)
 - 6-Spl PL 305 x 9 x 480(SM490YA)
 - 1-Spl PL 80 x 9 x 480(SM490YA)
 - 1-Spl PL 2440 x 9 x 480(SM490YA)
 - 6-TCB M22 x 70(S10T)
 - 144-TCB M22 x 70(S10T)
 - 6-TCB M22 x 70(S10T)
- <Lower Flг>**
- 1-Rib PL 190 x 19 x 8191(SM490YB)
 - <1>1-Rib PL 190 x 19 x 8185(SM490YB)
 - 1-Spl PL 80 x 12 x 630(SM490YA)
 - 3-Spl PL 656 x 12 x 630(SM490YA)
 - 1-Spl PL 80 x 12 x 630(SM490YA)
 - 1-Spl PL 2440 x 10 x 630(SM490YA)
 - 8-TCB M22 x 75(S10T)
 - 150-TCB M22 x 75(S10T)
 - 8-TCB M22 x 75(S10T)

- <1>1-V.Stiff PL 140 x 12 x 2376
- <2>1-V.Stiff PL 140 x 12 x 2375
- <3>1-V.Stiff PL 140 x 12 x 2373
- <4>1-H.Stiff PL 140 x 12 x 375
- <5>2-H.Stiff PL 140 x 12 x 1288
- <6>2-H.Stiff PL 140 x 12 x 1223
- <7>1-H.Stiff PL 140 x 12 x 1287
- <8>1-H.Stiff PL 140 x 12 x 373
- 1-Spl PL 2290 x 9 x 480(SM490YA)
- 1-Spl PL 2290 x 9 x 480(SM490YA)
- 144-TCB M22 x 65(S10T)

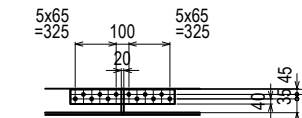
- <1>1-V.Stiff PL 140 x 12 x 2329
- <2>1-V.Stiff PL 140 x 12 x 2330
- <3>1-V.Stiff PL 140 x 12 x 2332
- <4>1-H.Stiff PL 140 x 12 x 374
- <5>3-H.Stiff PL 140 x 12 x 1285
- <6>2-H.Stiff PL 140 x 12 x 1220
- <7>1-H.Stiff PL 140 x 12 x 371
- 1-Spl PL 2248 x 9 x 480(SM490YA)
- 1-Spl PL 2248 x 9 x 480(SM490YA)
- 144-TCB M22 x 65(S10T)

Top Long Rib Joint J3
(Numbers : 5)

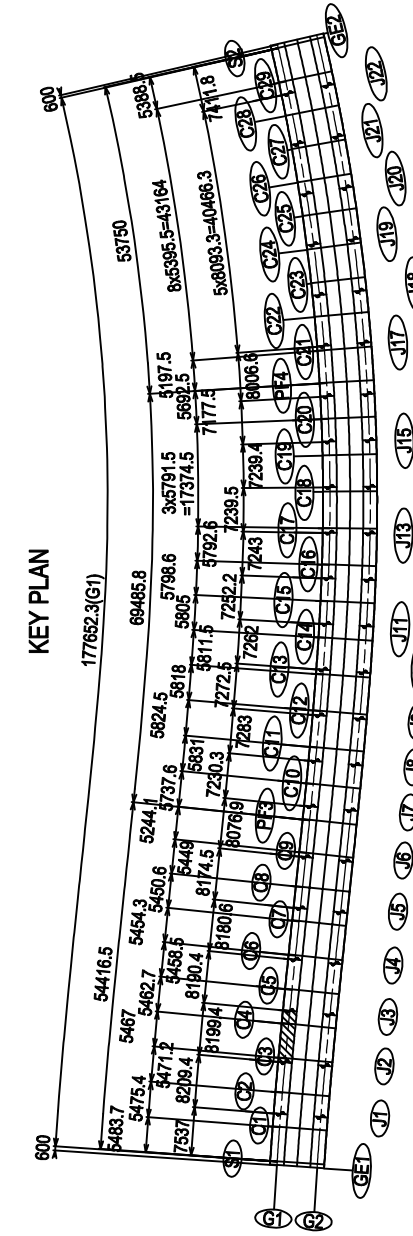


2-Spl PL 115 x 16 x 960(SM490YA)
14-TCB M22 x 90(S10T)

Bot Long Rib Joint J3
(Numbers : 2)



2-Spl PL 115 x 19 x 830(SM490YB)
12-TCB M22 x 95(S10T)



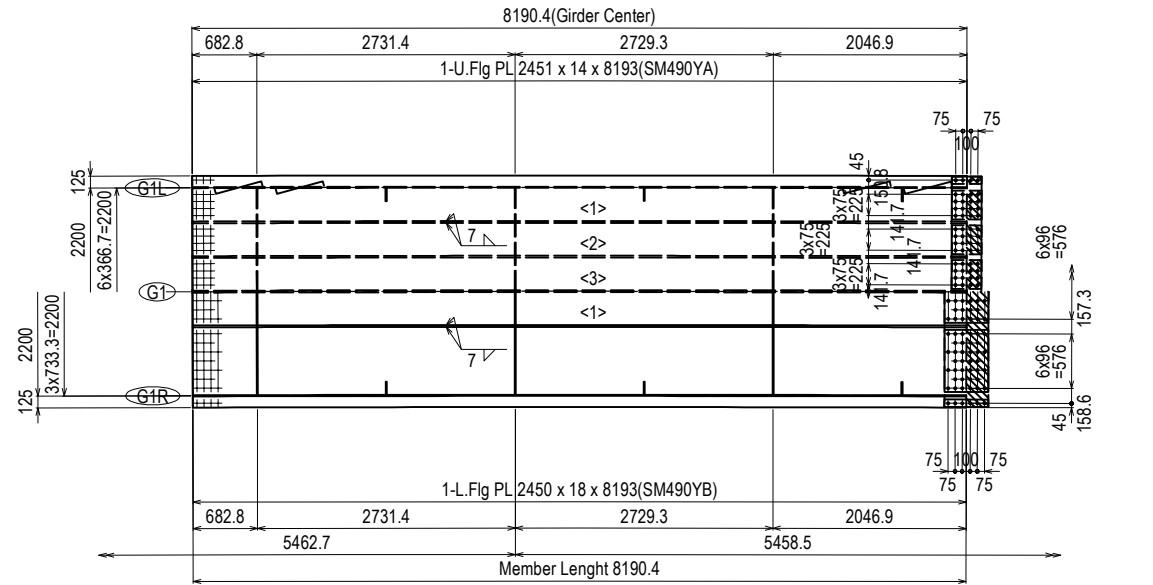
Note

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

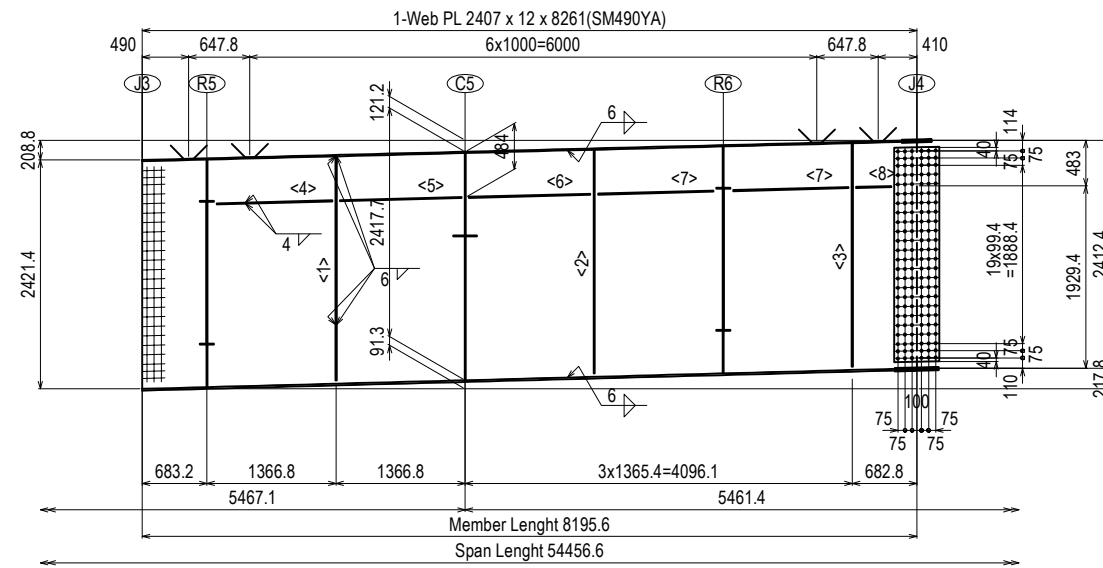
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO.,LTD. NIPPON ENGINEERING CONSULTANTS CO.,LTD.	Y. SUZUKI	<i>[Signature]</i>	14 Jul. 2017	DETAIL OF MAIN GIRDER G1 (PF2-PF5) (3)	3
				T. HAYAKAWA	<i>[Signature]</i>	20 Jul. 2017		DWG No.
				Y. SANO	<i>[Signature]</i>	25 Jul. 2017		P3-FO-1412

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (4)

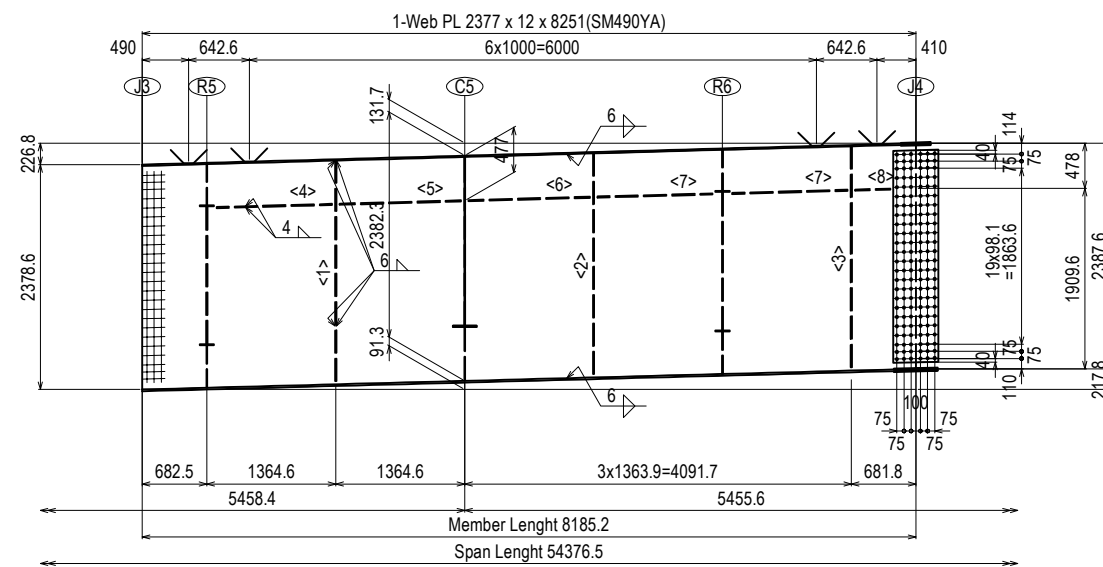
S=1:80



- <Upper Flg>
 18-RB ϕ 16 x 600(SS400)
 <1>1-Rib PL 190 x 19 x 8182(SM490YB)
 <2>1-Rib PL 190 x 19 x 8180(SM490YB)
 <3>1-Rib PL 190 x 19 x 8178(SM490YB)
 1-Rib PL 190 x 19 x 8177(SM490YB)
 1-Rib PL 190 x 19 x 8175(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 2-Fill PL 80 x 3.2 x 165(SS400)
 6-Fill PL 305 x 3.2 x 165(SS400)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)
- <Lower Flg>
 1-Rib PL 190 x 19 x 8180(SM490YB)
 <1>1-Rib PL 190 x 19 x 8177(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 3-Spl PL 656 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 1-Fill PL 2440 x 8 x 240(SS400)
 6-TCB M22 x 75(S10T)
 108-TCB M22 x 75(S10T)
 6-TCB M22 x 75(S10T)

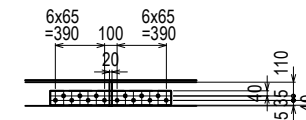


- <1>1-V.Stiff PL 140 x 12 x 2370
 <2>1-V.Stiff PL 140 x 12 x 2367
 <3>1-V.Stiff PL 140 x 12 x 2364
 <4>1-H.Stiff PL 140 x 12 x 1221
 <5>1-H.Stiff PL 140 x 12 x 1287
 <6>1-H.Stiff PL 140 x 12 x 1285
 <7>2-H.Stiff PL 140 x 12 x 1220
 <8>1-H.Stiff PL 140 x 12 x 372
 1-Spl PL 2281 x 9 x 480(SM490YA)
 1-Spl PL 2281 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)



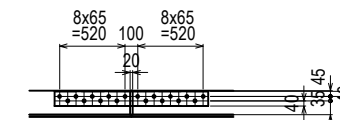
- <1>1-V.Stiff PL 140 x 12 x 2334
 <2>1-V.Stiff PL 140 x 12 x 2337
 <3>1-V.Stiff PL 140 x 12 x 2340
 <4>1-H.Stiff PL 140 x 12 x 1219
 <5>1-H.Stiff PL 140 x 12 x 1285
 <6>1-H.Stiff PL 140 x 12 x 1284
 <7>2-H.Stiff PL 140 x 12 x 1218
 <8>1-H.Stiff PL 140 x 12 x 371
 1-Spl PL 2256 x 9 x 480(SM490YA)
 1-Spl PL 2256 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

Top Long Rib Joint J4
(Numbers : 5)

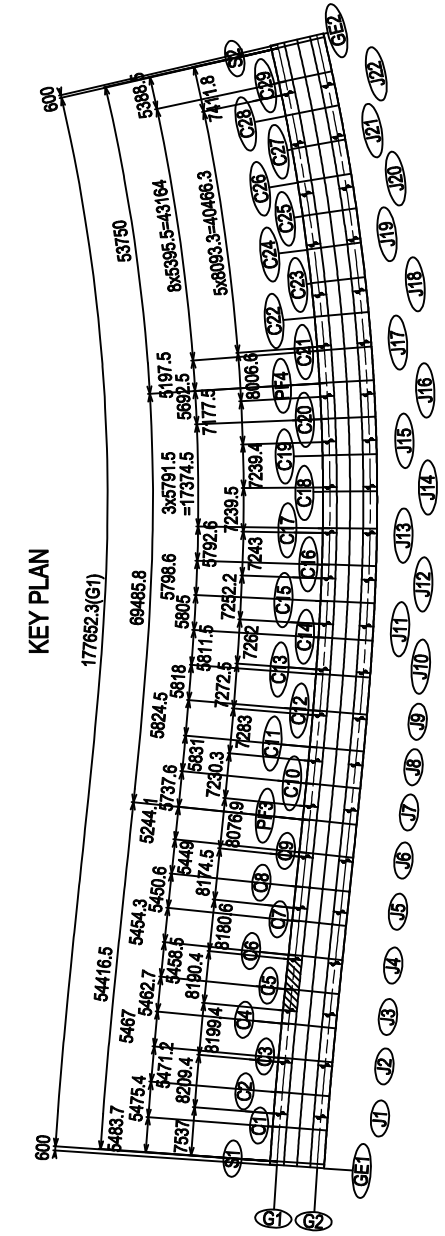


2-Spl PL 115 x 16 x 960(SM490YA)
 14-TCB M22 x 90(S10T)

Bot Long Rib Joint J4
(Numbers : 2)



2-Spl PL 115 x 19 x 830(SM490YB)
 12-TCB M22 x 95(S10T)

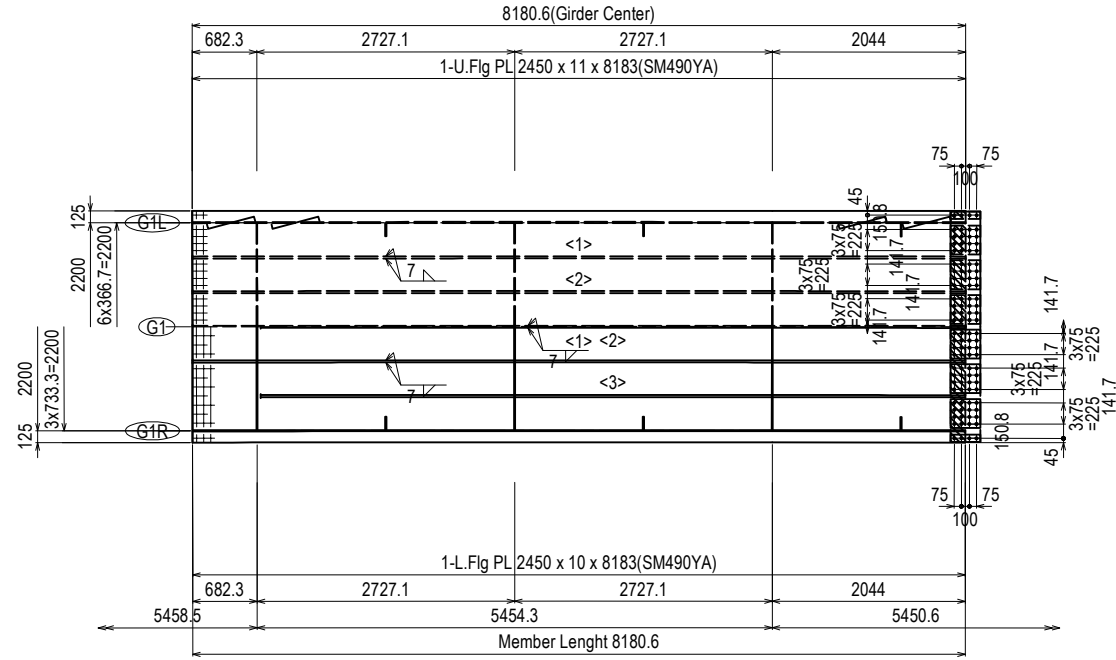


Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

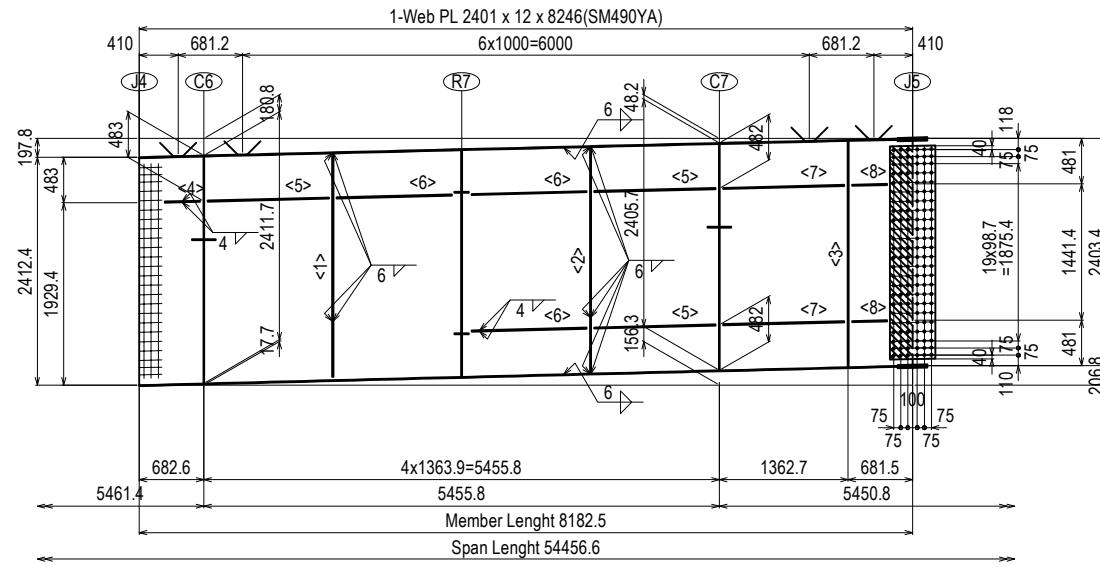
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE	
				PREPARED BY	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
							DETAIL OF MAIN GIRDER G1 (PF2-PF5) (4)	3	
								DWG No.	
								P3-FO-1413	

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (5)

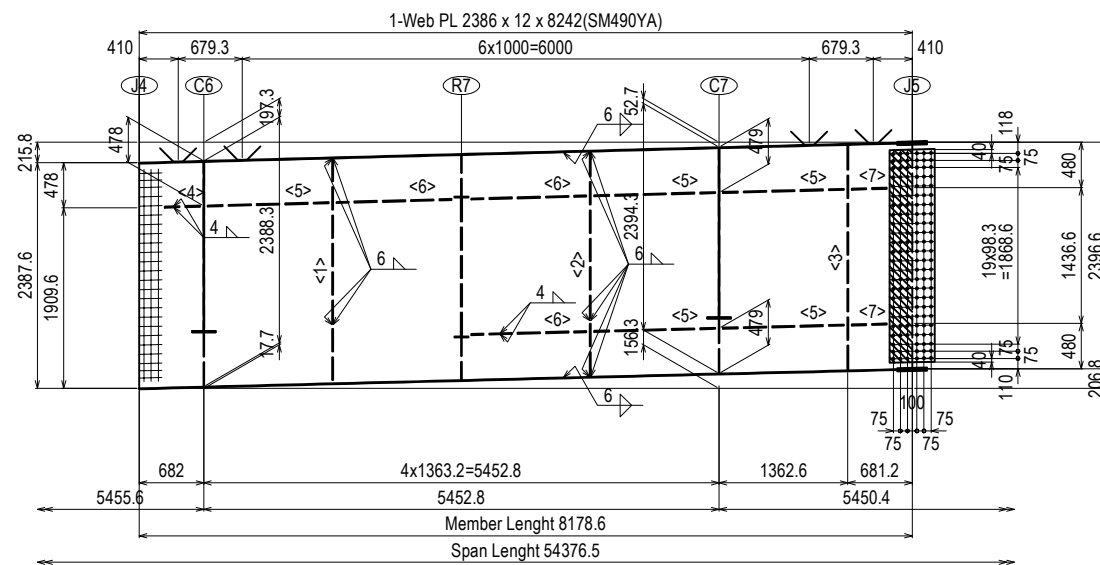
S=1:80



- <Upper Flг>
 18-RB φ16 x 600(SS400)
 <1>1-Rib PL 190 x 19 x 8170(SM490YB)
 <2>2-Rib PL 190 x 19 x 8169(SM490YB)
 2-Rib PL 190 x 19 x 8168(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 2-Fill PL 80 x 7 x 165(SS400)
 6-Fill PL 305 x 7 x 165(SS400)
 4-TCB M22 x 75(S10T)
 96-TCB M22 x 75(S10T)
 4-TCB M22 x 75(S10T)
- <Lower Flг>
 1-Rib PL 190 x 19 x 8169(SM490YB)
 <1>1-Rib PL 190 x 19 x 8168(SM490YB)
 1-Rib PL 190 x 19 x 7458(SM490YB)
 <2>1-Rib PL 190 x 19 x 7457(SM490YB)
 <3>1-Rib PL 190 x 19 x 7456(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 1-Fill PL 2440 x 4.5 x 165(SS400)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)



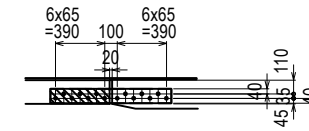
- <1>1-V.Stiff PL 140 x 12 x 2364
 <2>1-V.Stiff PL 140 x 12 x 2396
 <3>1-V.Stiff PL 140 x 12 x 2393
 <4>1-H.Stiff PL 140 x 12 x 373
 <5>3-H.Stiff PL 140 x 12 x 1284
 <6>3-H.Stiff PL 140 x 12 x 1218
 <7>2-H.Stiff PL 140 x 12 x 1283
 <8>2-H.Stiff PL 140 x 12 x 371
 1-Spl PL 2267 x 9 x 480(SM490YA)
 1-Spl PL 2267 x 9 x 480(SM490YA)
 1-Fill PL 2261 x 2.3 x 240(SS400)
 144-TCB M22 x 70(S10T)



- <1>1-V.Stiff PL 140 x 12 x 2345
 <2>1-V.Stiff PL 140 x 12 x 2383
 <3>1-V.Stiff PL 140 x 12 x 2385
 <4>1-H.Stiff PL 140 x 12 x 373
 <5>5-H.Stiff PL 140 x 12 x 1283
 <6>3-H.Stiff PL 140 x 12 x 1218
 <7>2-H.Stiff PL 140 x 12 x 370
 1-Spl PL 2261 x 9 x 480(SM490YA)
 1-Spl PL 2261 x 9 x 480(SM490YA)
 1-Fill PL 2255 x 2.3 x 240(SS400)
 144-TCB M22 x 70(S10T)

Top Long Rib Joint J5

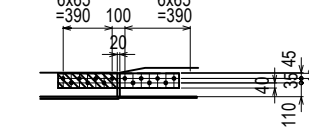
(Numbers : 5)



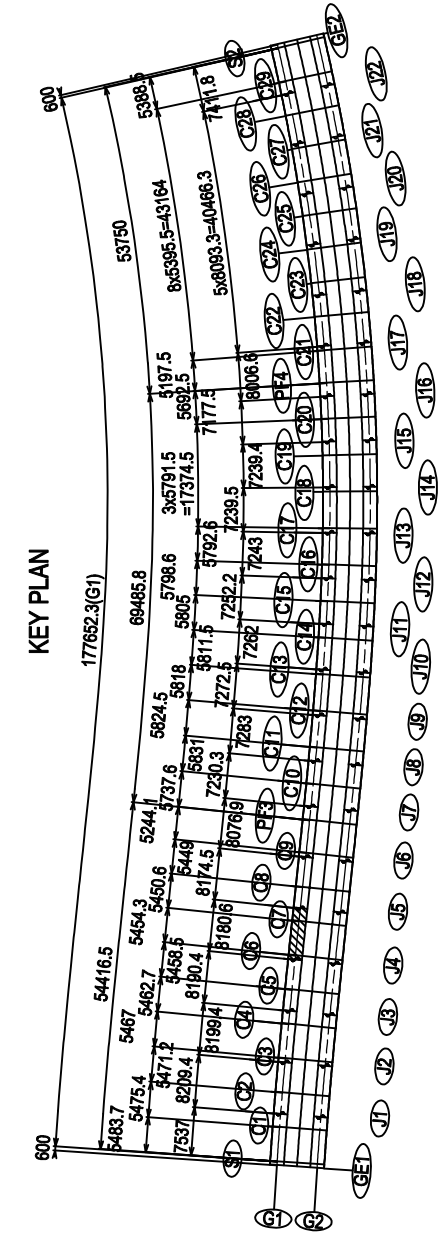
- 2-Spl PL 115 x 19 x 960(SM490YB)
 1-Fill PL 115 x 3.2 x 480(SS400)
 14-TCB M22 x 95(S10T)

Bot Long Rib Joint J5

(Numbers : 2)



- 2-Spl PL 115 x 19 x 960(SM490YB)
 1-Fill PL 115 x 3.2 x 480(SS400)
 14-TCB M22 x 95(S10T)

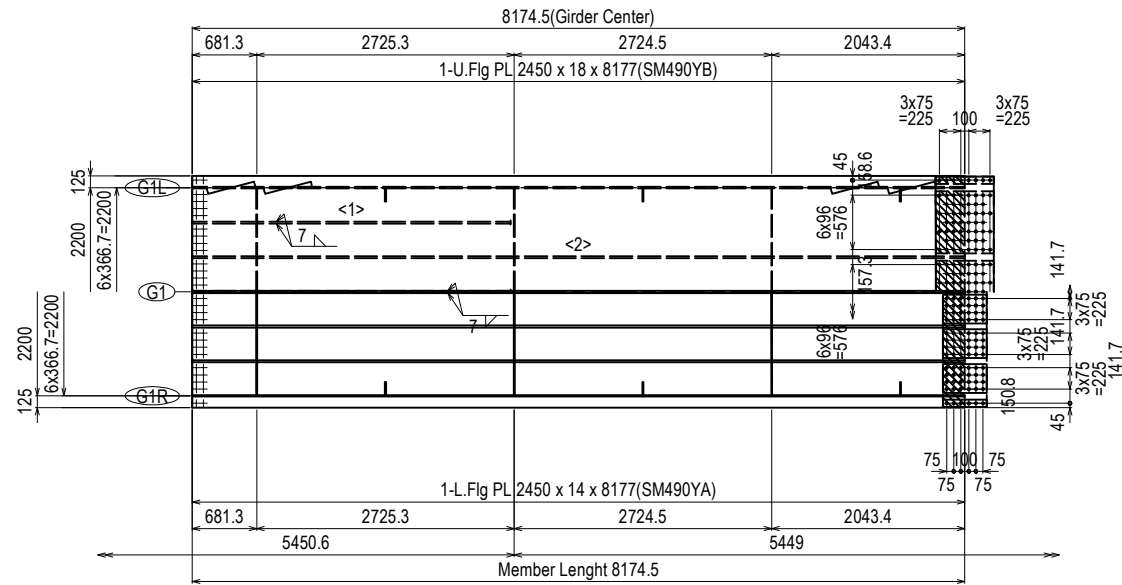


- Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

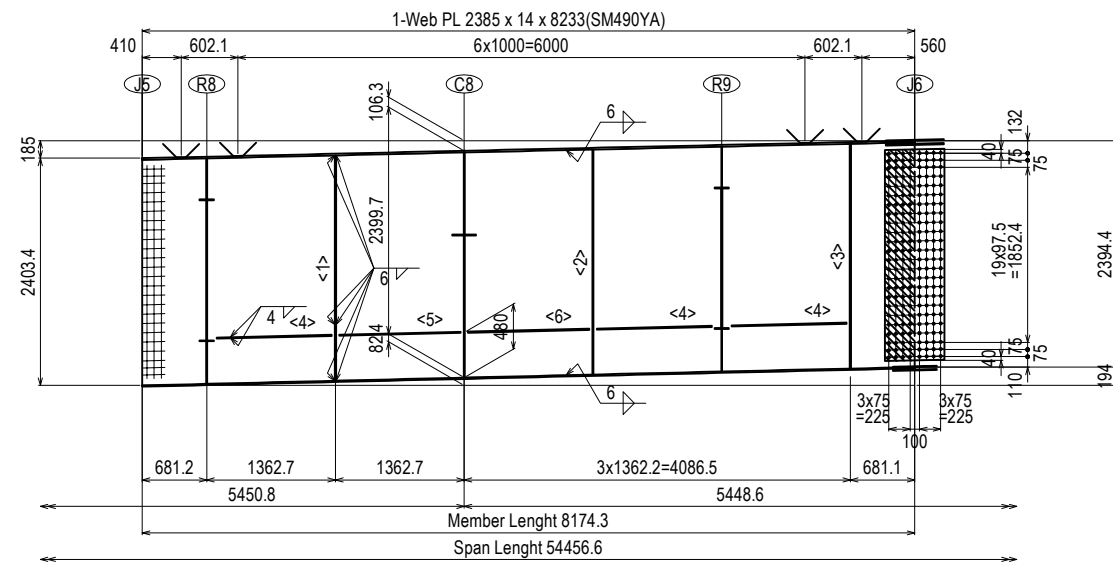
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE	
				PREPARED BY	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
							DETAIL OF MAIN GIRDER G1 (PF2-PF5) (5)	3	
								DWG No.	
								P3-FO-1414	

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (6)

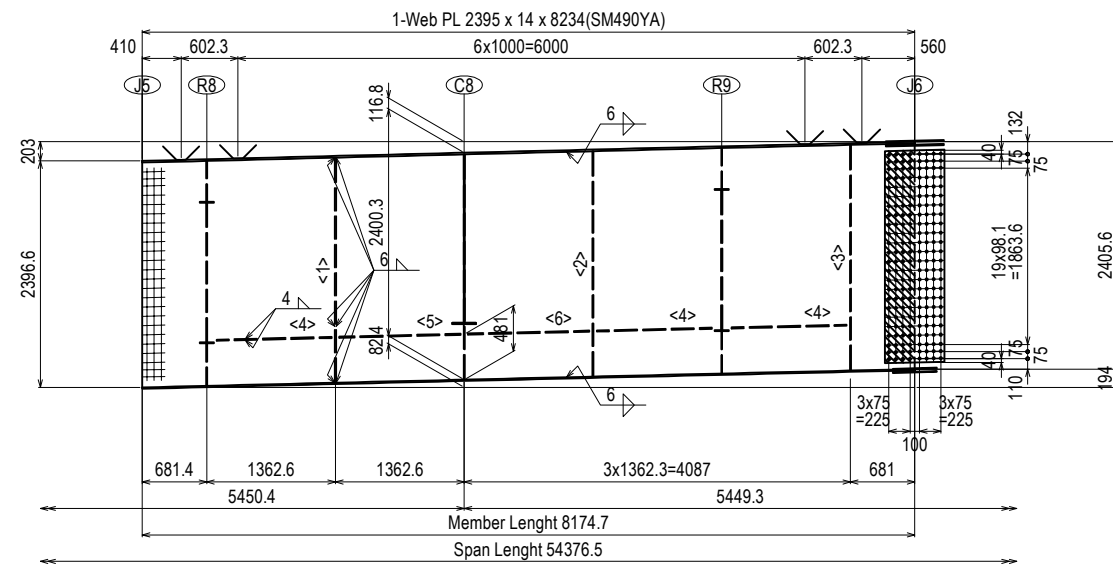
S=1:80



- <Upper Flg>
- 18-RB φ16 x 600 (SS400)
 - <1> 3-Rib PL 230 x 22 x 3364 (SM490YB)
 - <2> 2-Rib PL 230 x 22 x 8162 (SM490YB)
 - 1-Spl PL 80 x 12 x 630 (SM490YA)
 - 3-Spl PL 656 x 12 x 630 (SM490YA)
 - 1-Spl PL 80 x 12 x 630 (SM490YA)
 - 1-Spl PL 2440 x 10 x 630 (SM490YA)
 - 2-Fill PL 80 x 14 x 315 (SS400)
 - 3-Fill PL 656 x 14 x 315 (SS400)
 - 8-TCB M22 x 90 (S10T)
 - 150-TCB M22 x 90 (S10T)
 - 8-TCB M22 x 90 (S10T)
- <Lower Flg>
- 5-Rib PL 230 x 22 x 8162 (SM490YB)
 - 1-Spl PL 80 x 9 x 480 (SM490YA)
 - 6-Spl PL 305 x 9 x 480 (SM490YA)
 - 1-Spl PL 80 x 9 x 480 (SM490YA)
 - 1-Spl PL 2440 x 9 x 480 (SM490YA)
 - 1-Fill PL 2440 x 12 x 240 (SS400)
 - 6-TCB M22 x 80 (S10T)
 - 144-TCB M22 x 80 (S10T)
 - 6-TCB M22 x 80 (S10T)

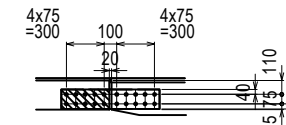


- <1> 1-V. Stiff PL 140 x 12 x 2383
- <2> 1-V. Stiff PL 140 x 12 x 2380
- <3> 1-V. Stiff PL 140 x 12 x 2378
- <4> 3-H. Stiff PL 140 x 12 x 1217
- <5> 1-H. Stiff PL 140 x 12 x 1283
- <6> 1-H. Stiff PL 140 x 12 x 1282
- 1-Spl PL 2246 x 9 x 630 (SM490YA)
- 1-Spl PL 2246 x 9 x 630 (SM490YA)
- 1-Fill PL 2240 x 2.3 x 315 (SS400)
- 192-TCB M22 x 70 (S10T)



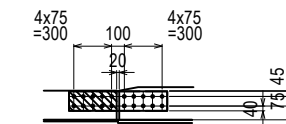
- <1> 1-V. Stiff PL 140 x 12 x 2381
- <2> 1-V. Stiff PL 140 x 12 x 2384
- <3> 1-V. Stiff PL 140 x 12 x 2387
- <4> 3-H. Stiff PL 140 x 12 x 1217
- <5> 1-H. Stiff PL 140 x 12 x 1283
- <6> 1-H. Stiff PL 140 x 12 x 1282
- 1-Spl PL 2258 x 9 x 630 (SM490YA)
- 1-Spl PL 2258 x 9 x 630 (SM490YA)
- 1-Fill PL 2251 x 2.3 x 315 (SS400)
- 192-TCB M22 x 70 (S10T)

Top Long Rib Joint J6
(Numbers : 2)

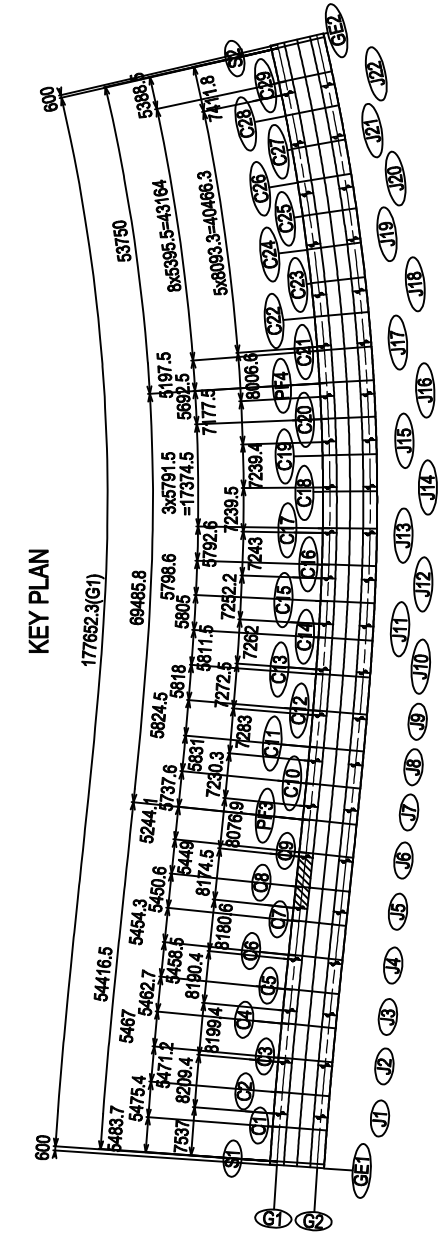


- 2-Spl PL 155 x 22 x 780 (SM490YB)
- 1-Fill PL 155 x 3.2 x 390 (SS400)
- 20-TCB M22 x 100 (S10T)

Bot Long Rib Joint J6
(Numbers : 5)



- 2-Spl PL 155 x 19 x 780 (SM490YB)
- 1-Fill PL 155 x 3.2 x 390 (SS400)
- 20-TCB M22 x 100 (S10T)



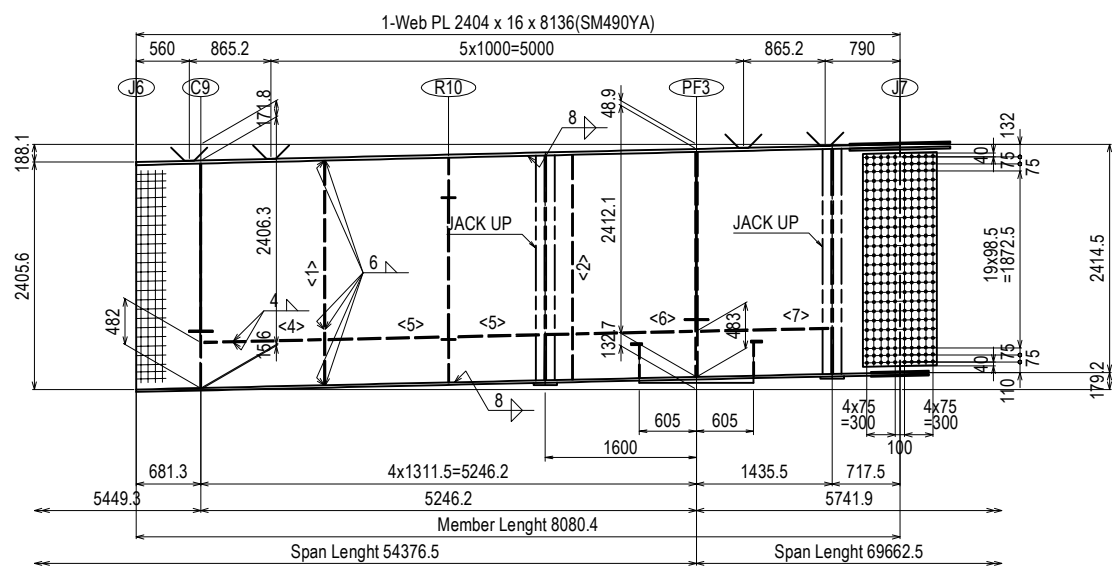
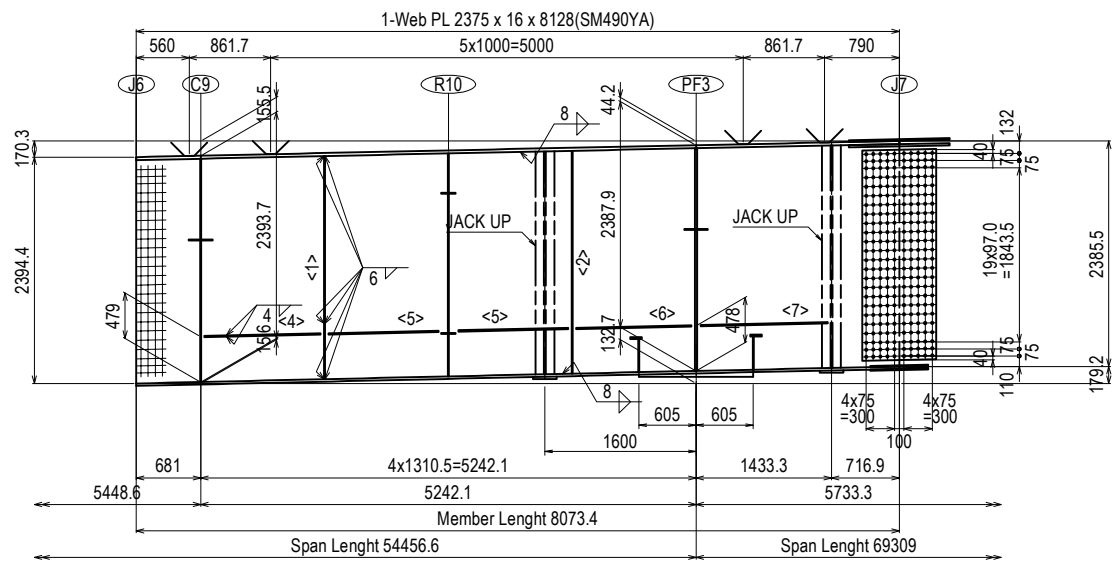
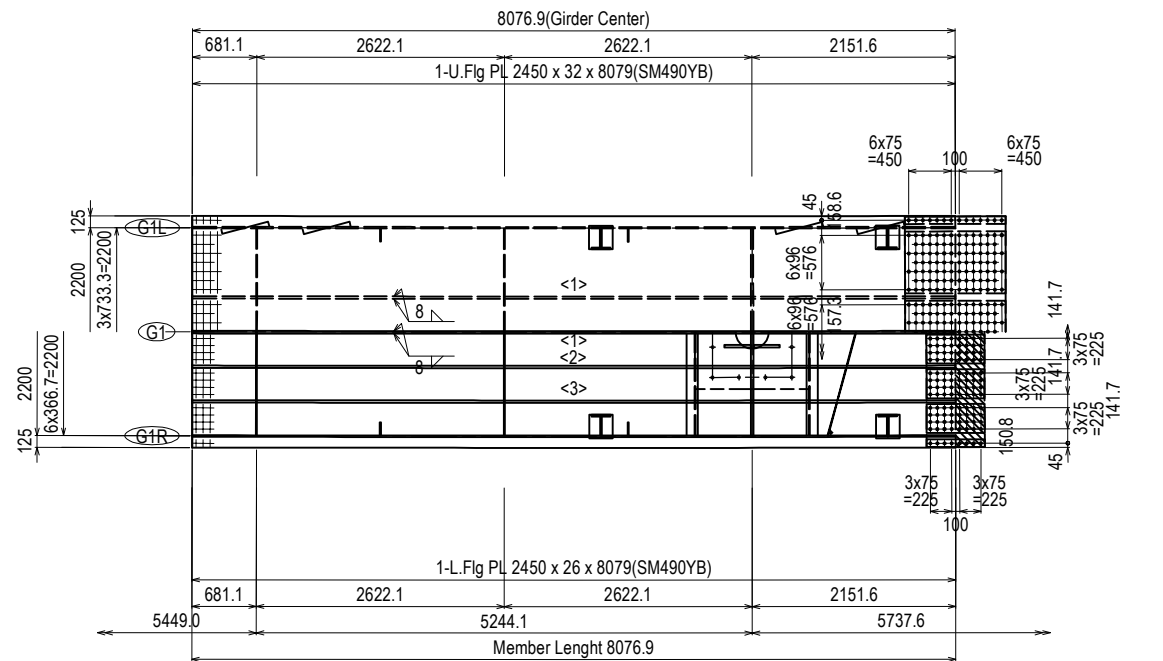
Note

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

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
							DETAIL OF MAIN GIRDER G1 (PF2-PF5) (6)	3	
								DWG No.	
								P3-FO-1415	

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (7)

S=1:80

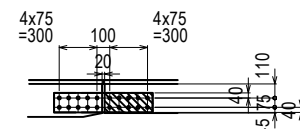


- <Upper Flg>
 16-RB ϕ 16 x 600(SS400)
 <1>1-Rib PL 260 x 25 x 8063(SM490YB)
 1-Rib PL 260 x 25 x 8066(SM490YB)
 1-Spl PL 80 x 25 x 1080(SM490YB)
 3-Spl PL 656 x 25 x 1080(SM490YB)
 1-Spl PL 80 x 25 x 1080(SM490YB)
 1-Spl PL 2440 x 19 x 1080(SM490YB)
 14-TCB M22 x 115(S10T)
 276-TCB M22 x 115(S10T)
 14-TCB M22 x 115(S10T)
 <Lower Flg>
 1-Rib PL 260 x 25 x 8062(SM490YB)
 1-Rib PL 260 x 25 x 8063(SM490YB)
 <1>1-Rib PL 260 x 25 x 8064(SM490YB)
 <2>1-Rib PL 260 x 25 x 8066(SM490YB)
 <3>1-Rib PL 260 x 25 x 8067(SM490YB)
 1-Spl PL 80 x 14 x 630(SM490YA)
 6-Spl PL 305 x 14 x 630(SM490YA)
 1-Spl PL 80 x 14 x 630(SM490YA)
 1-Spl PL 2440 x 12 x 630(SM490YA)
 1-Fill PL 2440 x 4.5 x 315(SS400)
 8-TCB M22 x 90(S10T)
 192-TCB M22 x 90(S10T)
 8-TCB M22 x 90(S10T)
 1-Sole PL 1210 x 52 x 1210(SM490C)

- <1>1-V.Stiff PL 140 x 12 x 2361
 <2>1-V.Stiff PL 140 x 12 x 2359
 <4>1-H.Stiff PL 160 x 14 x 1230
 <5>2-H.Stiff PL 160 x 14 x 1165
 <6>1-H.Stiff PL 160 x 14 x 1222
 <7>1-H.Stiff PL 160 x 14 x 1345
 1-Spl PL 2240 x 10 x 780(SM490YA)
 1-Spl PL 2240 x 10 x 780(SM490YA)
 240-TCB M22 x 75(S10T)

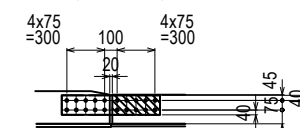
- <1>1-V.Stiff PL 140 x 12 x 2376
 <2>1-V.Stiff PL 140 x 12 x 2379
 <4>1-H.Stiff PL 160 x 14 x 1231
 <5>2-H.Stiff PL 160 x 14 x 1166
 <6>1-H.Stiff PL 160 x 14 x 1223
 <7>1-H.Stiff PL 160 x 14 x 1347
 1-Spl PL 2270 x 10 x 780(SM490YA)
 1-Spl PL 2270 x 10 x 780(SM490YA)
 240-TCB M22 x 75(S10T)

Top Long Rib Joint J7
(Numbers : 2)



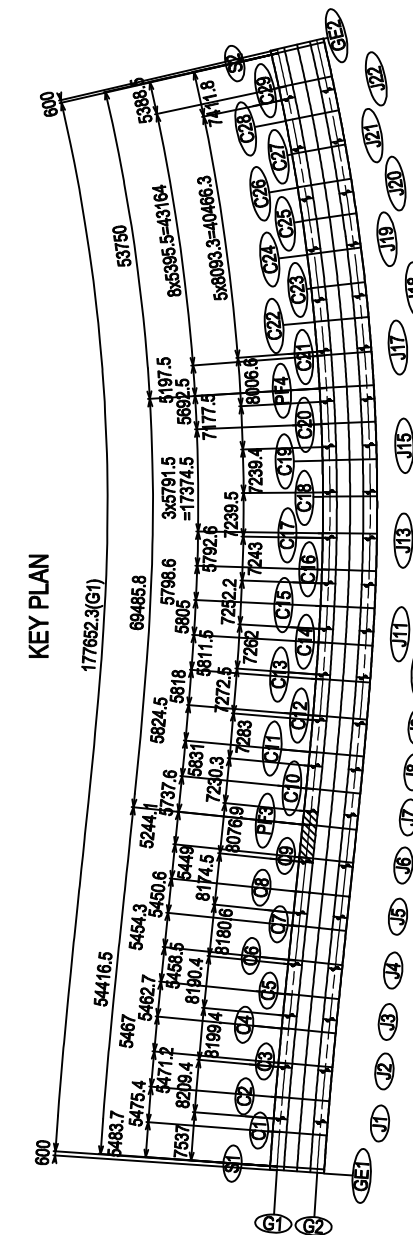
- 2-Spl PL 155 x 22 x 780(SM490YB)
 1-Fill PL 155 x 3.2 x 390(SS400)
 20-TCB M22 x 100(S10T)

Bot Long Rib Joint J7
(Numbers : 5)



- 2-Spl PL 155 x 19 x 780(SM490YB)
 1-Fill PL 155 x 3.2 x 390(SS400)
 20-TCB M22 x 100(S10T)

KEY PLAN



- Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME
 DETAILED DESIGN ON
 BAGO RIVER BRIDGE
 CONSTRUCTION PROJECT

FINANCED BY
 JAPAN INTERNATIONAL
 COOPERATION AGENCY

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

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

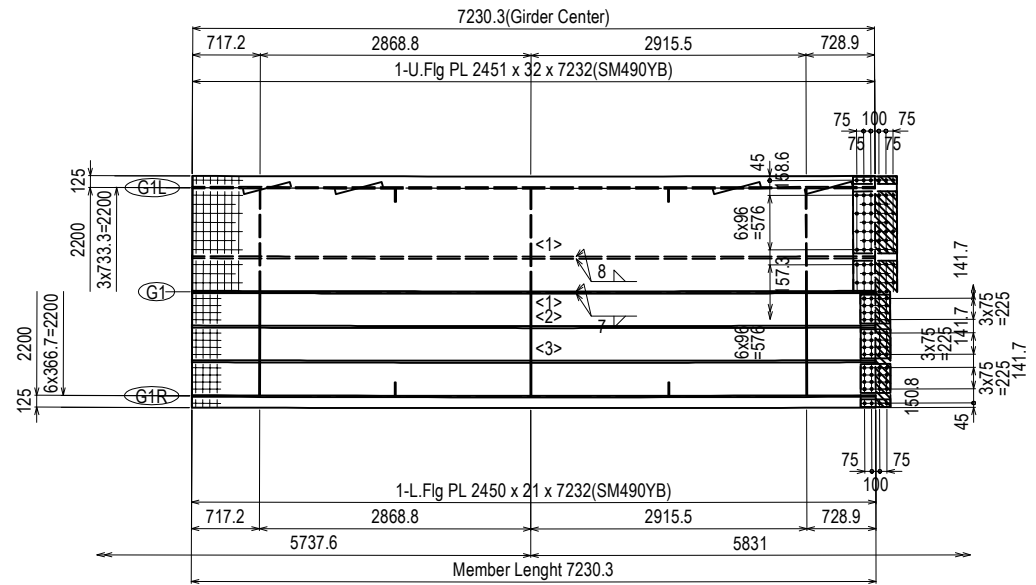
	NAME	SIGNATURE	DATE
PREPARED BY	Y. SUZUKI		14 Jul. 2017
CHECKED BY	T. HAYAKAWA		20 Jul. 2017
APPROVED BY	Y. SANO		25 Jul. 2017

DRAWING TITLE
 DETAIL OF MAIN GIRDER G1 (PF2-PF5) (7)

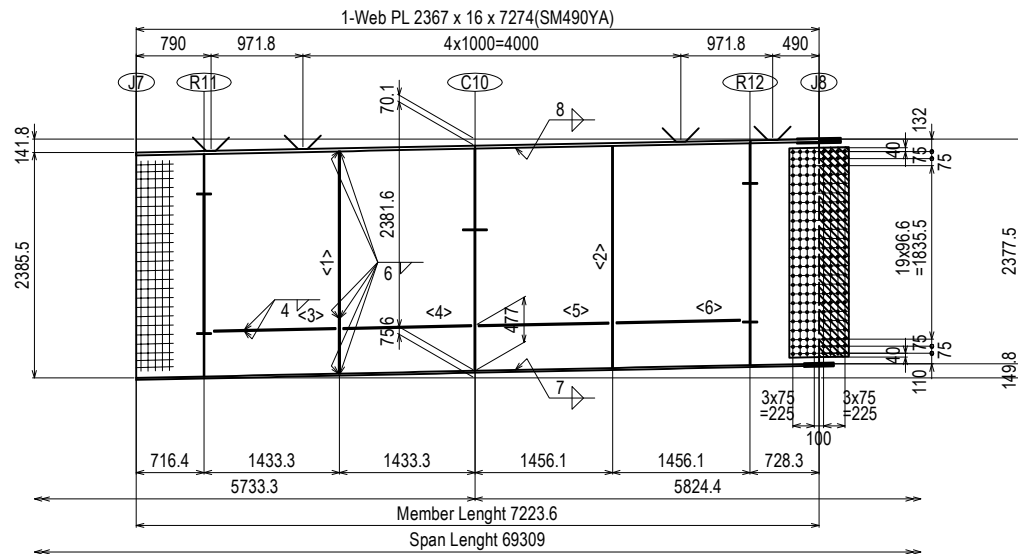
PACKAGE
3
DWG No.
P3-FO-1416

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (8)

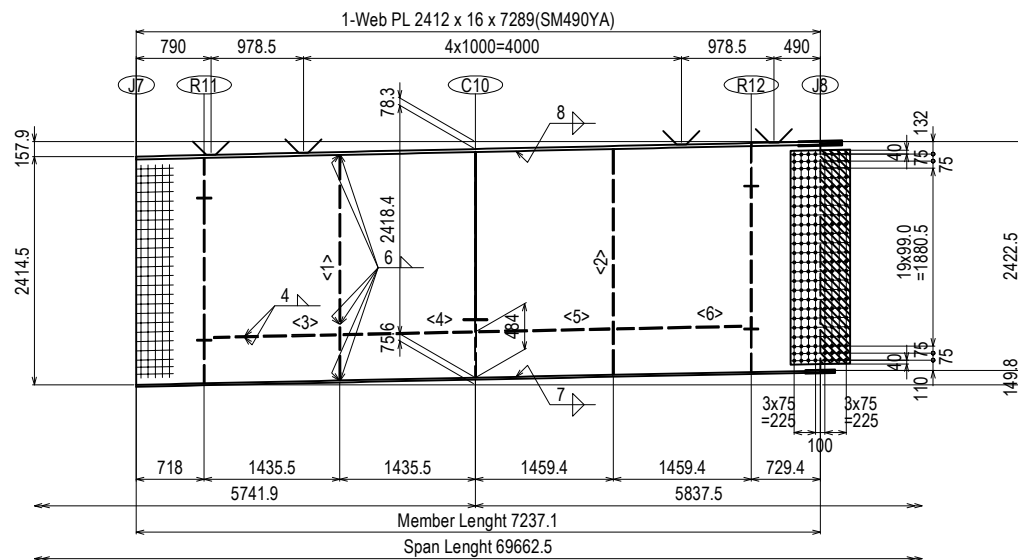
S=1:80



- <Upper Flg>
 14-RB φ16 x 600(SS400)
 <1>1-Rib PL 230 x 22 x 7214(SM490YB)
 1-Rib PL 230 x 22 x 7219(SM490YB)
 1-Spl PL 80 x 12 x 480(SM490YA)
 3-Spl PL 656 x 12 x 480(SM490YA)
 1-Spl PL 80 x 12 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 2-Fill PL 80 x 16 x 240(SS400)
 3-Fill PL 656 x 16 x 240(SS400)
 6-TCB M22 x 90(S10T)
 108-TCB M22 x 90(S10T)
 6-TCB M22 x 90(S10T)
- <Lower Flg>
 1-Rib PL 230 x 22 x 7212(SM490YB)
 1-Rib PL 230 x 22 x 7214(SM490YB)
 <1>1-Rib PL 230 x 22 x 7216(SM490YB)
 <2>1-Rib PL 230 x 22 x 7219(SM490YB)
 <3>1-Rib PL 230 x 22 x 7221(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 1-Fill PL 2440 x 10 x 165(SS400)
 4-TCB M22 x 75(S10T)
 96-TCB M22 x 75(S10T)
 4-TCB M22 x 75(S10T)

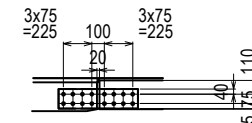


- <1>1-V.Stiff PL 140 x 12 x 2353
 <2>1-V.Stiff PL 140 x 12 x 2351
 <3>1-H.Stiff PL 160 x 14 x 1288
 <4>1-H.Stiff PL 160 x 14 x 1353
 <5>1-H.Stiff PL 160 x 14 x 1376
 <6>1-H.Stiff PL 160 x 14 x 1310
 1-Spl PL 2228 x 9 x 630(SM490YA)
 1-Spl PL 2228 x 9 x 630(SM490YA)
 1-Fill PL 2221 x 2.3 x 315(SS400)
 192-TCB M22 x 70(S10T)



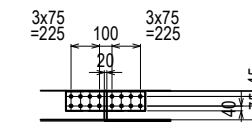
- <1>1-V.Stiff PL 140 x 12 x 2385
 <2>1-V.Stiff PL 140 x 12 x 2388
 <3>1-H.Stiff PL 160 x 14 x 1290
 <4>1-H.Stiff PL 160 x 14 x 1355
 <5>1-H.Stiff PL 160 x 14 x 1379
 <6>1-H.Stiff PL 160 x 14 x 1314
 1-Spl PL 2273 x 9 x 630(SM490YA)
 1-Spl PL 2273 x 9 x 630(SM490YA)
 1-Fill PL 2267 x 2.3 x 315(SS400)
 192-TCB M22 x 70(S10T)

Top Long Rib Joint J8
(Numbers : 2)

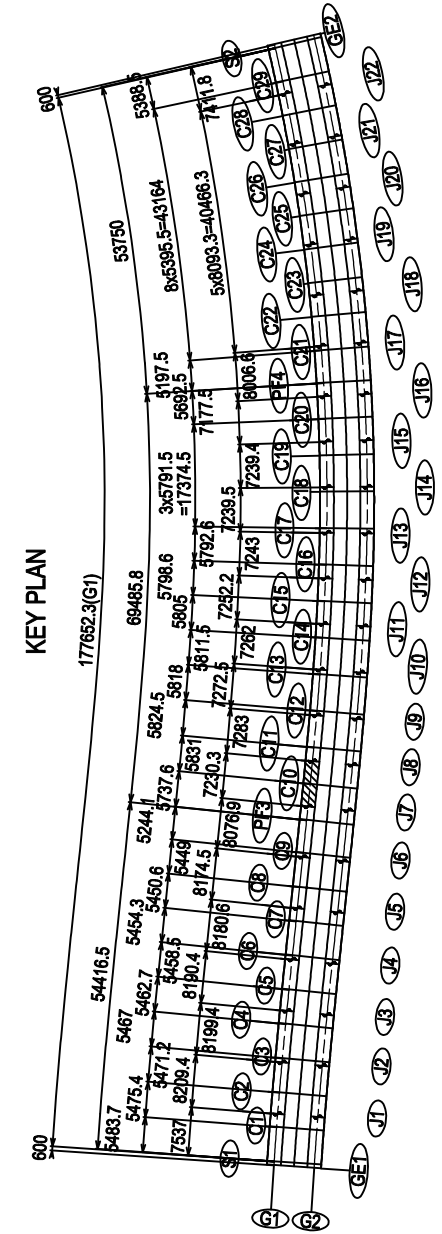


2-Spl PL 155 x 22 x 630(SM490YB)
 16-TCB M22 x 95(S10T)

Bot Long Rib Joint J8
(Numbers : 5)



2-Spl PL 155 x 19 x 630(SM490YB)
 16-TCB M22 x 95(S10T)

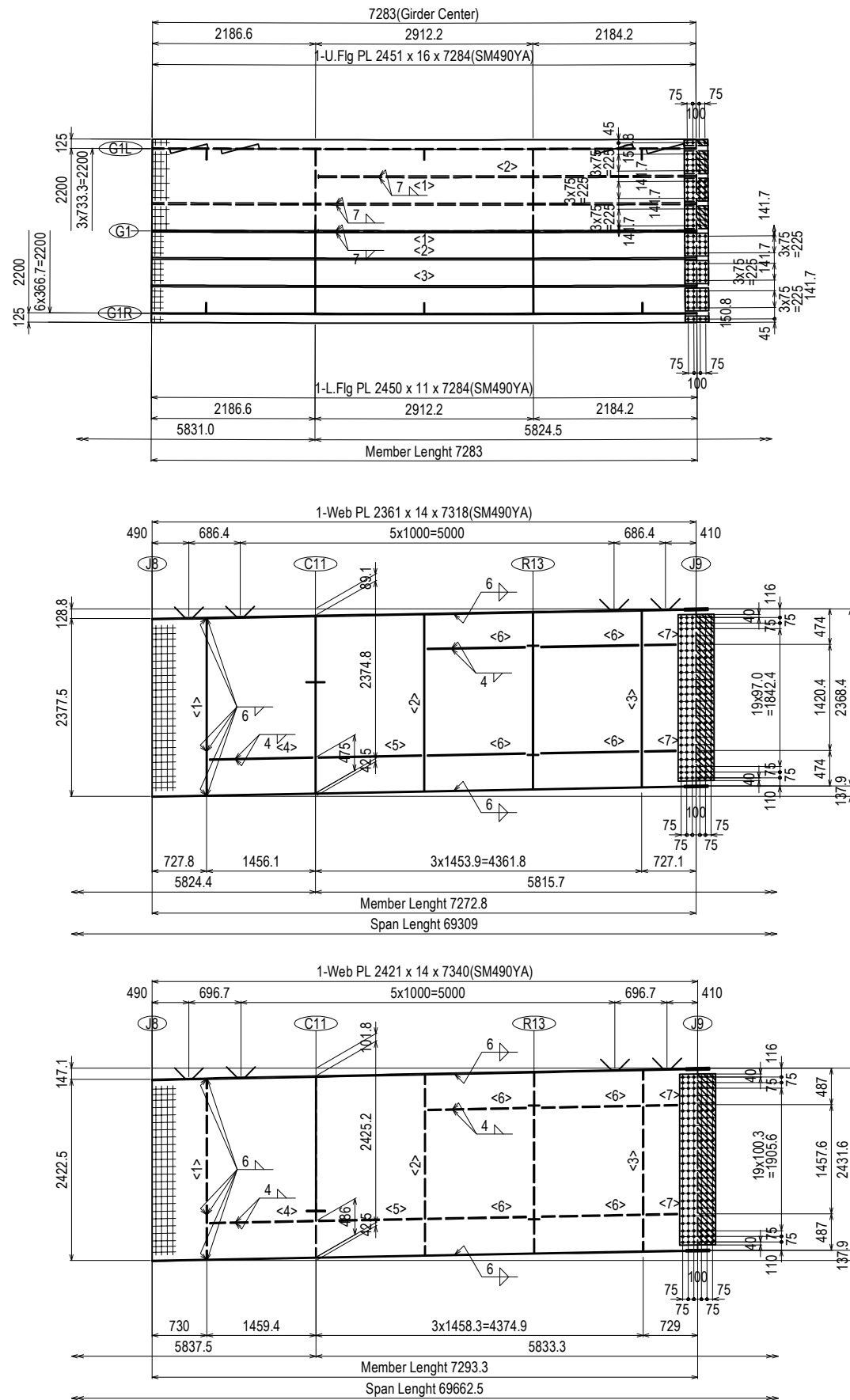


- Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME	SIGNATURE	DATE	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (8)	PACKAGE 3 DWG No. P3-FO-1417	
				PREPARED BY	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (9)

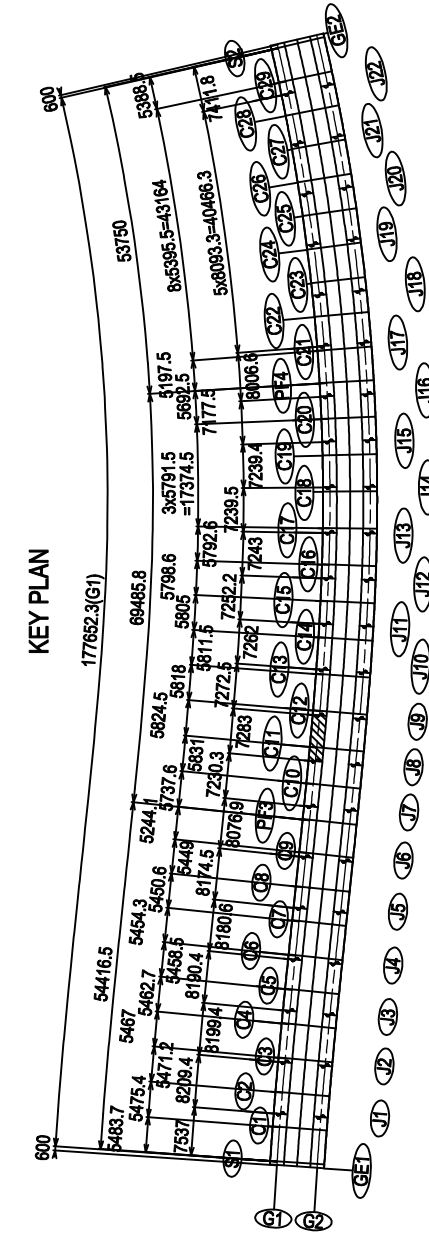
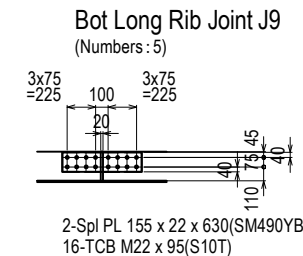
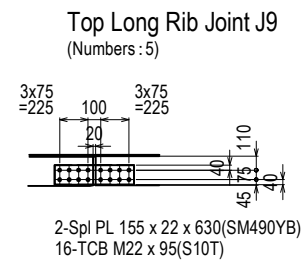
S=1:80



- <Upper Flg>
- 16-RB φ16 x 600(SS400)
 - <1>1-Rib PL 230 x 22 x 7265(SM490YB)
 - 1-Rib PL 230 x 22 x 7272(SM490YB)
 - <2>1-Rib PL 230 x 22 x 5047(SM490YB)
 - 1-Rib PL 230 x 22 x 5052(SM490YB)
 - 1-Rib PL 230 x 22 x 5057(SM490YB)
 - 1-Spl PL 80 x 9 x 330(SM490YA)
 - 6-Spl PL 305 x 9 x 330(SM490YA)
 - 1-Spl PL 80 x 9 x 330(SM490YA)
 - 1-Spl PL 2440 x 9 x 330(SM490YA)
 - 2-Fill PL 80 x 4.5 x 165(SS400)
 - 6-Fill PL 305 x 4.5 x 165(SS400)
 - 4-TCB M22 x 70(S10T)
 - 96-TCB M22 x 70(S10T)
 - 4-TCB M22 x 70(S10T)
- <Lower Flg>
- 1-Rib PL 230 x 22 x 7262(SM490YB)
 - 1-Rib PL 230 x 22 x 7265(SM490YB)
 - <1>1-Rib PL 230 x 22 x 7268(SM490YB)
 - <2>1-Rib PL 230 x 22 x 7272(SM490YB)
 - <3>1-Rib PL 230 x 22 x 7275(SM490YB)
 - 1-Spl PL 80 x 9 x 330(SM490YA)
 - 6-Spl PL 305 x 9 x 330(SM490YA)
 - 1-Spl PL 80 x 9 x 330(SM490YA)
 - 1-Spl PL 2440 x 9 x 330(SM490YA)
 - 4-TCB M22 x 65(S10T)
 - 96-TCB M22 x 65(S10T)
 - 4-TCB M22 x 65(S10T)

- <1>1-V.Stiff PL 140 x 12 x 2364
- <2>1-V.Stiff PL 140 x 12 x 2360
- <3>1-V.Stiff PL 140 x 12 x 2357
- <4>1-H.Stiff PL 160 x 14 x 1376
- <5>1-H.Stiff PL 160 x 14 x 1374
- <6>4-H.Stiff PL 160 x 14 x 1308
- <7>2-H.Stiff PL 160 x 14 x 416
- 1-Spl PL 2231 x 9 x 480(SM490YA)
- 1-Spl PL 2231 x 9 x 480(SM490YA)
- 1-Fill PL 2227 x 2.3 x 240(SS400)
- 144-TCB M22 x 70(S10T)

- <1>1-V.Stiff PL 140 x 12 x 2407
- <2>1-V.Stiff PL 140 x 12 x 2411
- <3>1-V.Stiff PL 140 x 12 x 2415
- <4>1-H.Stiff PL 160 x 14 x 1379
- <5>1-H.Stiff PL 160 x 14 x 1378
- <6>4-H.Stiff PL 160 x 14 x 1313
- <7>2-H.Stiff PL 160 x 14 x 418
- 1-Spl PL 2295 x 9 x 480(SM490YA)
- 1-Spl PL 2295 x 9 x 480(SM490YA)
- 1-Fill PL 2290 x 2.3 x 240(SS400)
- 144-TCB M22 x 70(S10T)

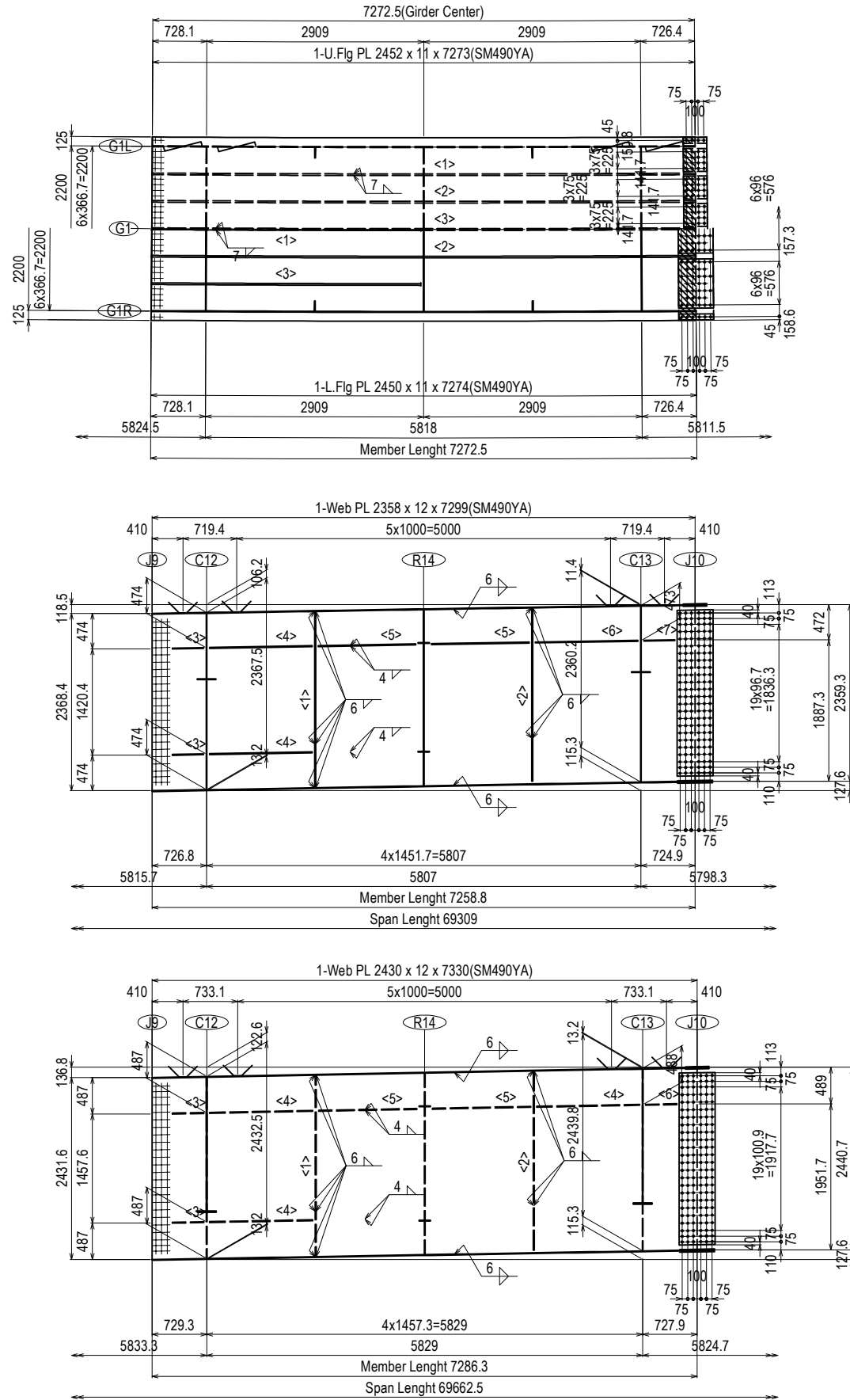


Note

1. All material without the reports is made SM400A
2. + : High-tension bolt M22 (S10T)
3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
							DETAIL OF MAIN GIRDER G1 (PF2-PF5) (9)	P3-FO-1418	

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (10) S=1:80

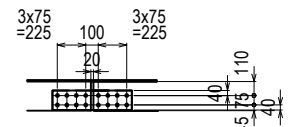


- <Upper Flg>**
 16-RB ϕ 16 x 600(SS400)
 <1>1-Rib PL 230 x 22 x 7248(SM490YB)
 <2>1-Rib PL 230 x 22 x 7253(SM490YB)
 <3>1-Rib PL 230 x 22 x 7257(SM490YB)
 1-Rib PL 230 x 22 x 7262(SM490YB)
 1-Rib PL 230 x 22 x 7267(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 2-Fill PL 80 x 2.3 x 165(SS400)
 6-Fill PL 305 x 2.3 x 165(SS400)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)
- <Lower Flg>**
 1-Rib PL 230 x 22 x 3588(SM490YB)
 1-Rib PL 230 x 22 x 7253(SM490YB)
 <1>1-Rib PL 230 x 22 x 3592(SM490YB)
 <2>1-Rib PL 230 x 22 x 7262(SM490YB)
 <3>1-Rib PL 230 x 22 x 3597(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 3-Spl PL 656 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 1-Fill PL 2440 x 4.5 x 240(SS400)
 6-TCB M22 x 70(S10T)
 108-TCB M22 x 70(S10T)
 6-TCB M22 x 70(S10T)

- <1>1-V.Stiff PL 140 x 12 x 2359
 <2>1-V.Stiff PL 140 x 12 x 2321
 <3>2-H.Stiff PL 140 x 12 x 417
 <4>2-H.Stiff PL 140 x 12 x 1372
 <5>2-H.Stiff PL 140 x 12 x 1306
 <6>1-H.Stiff PL 140 x 12 x 1371
 <7>1-H.Stiff PL 140 x 12 x 416
 1-Spl PL 2224 x 9 x 480(SM490YA)
 1-Spl PL 2224 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

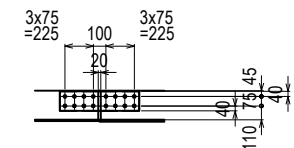
- <1>1-V.Stiff PL 140 x 12 x 2423
 <2>1-V.Stiff PL 140 x 12 x 2392
 <3>2-H.Stiff PL 140 x 12 x 420
 <4>3-H.Stiff PL 140 x 12 x 1377
 <5>2-H.Stiff PL 140 x 12 x 1312
 <6>1-H.Stiff PL 140 x 12 x 419
 1-Spl PL 2306 x 9 x 480(SM490YA)
 1-Spl PL 2306 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

Top Long Rib Joint J10
(Numbers : 5)

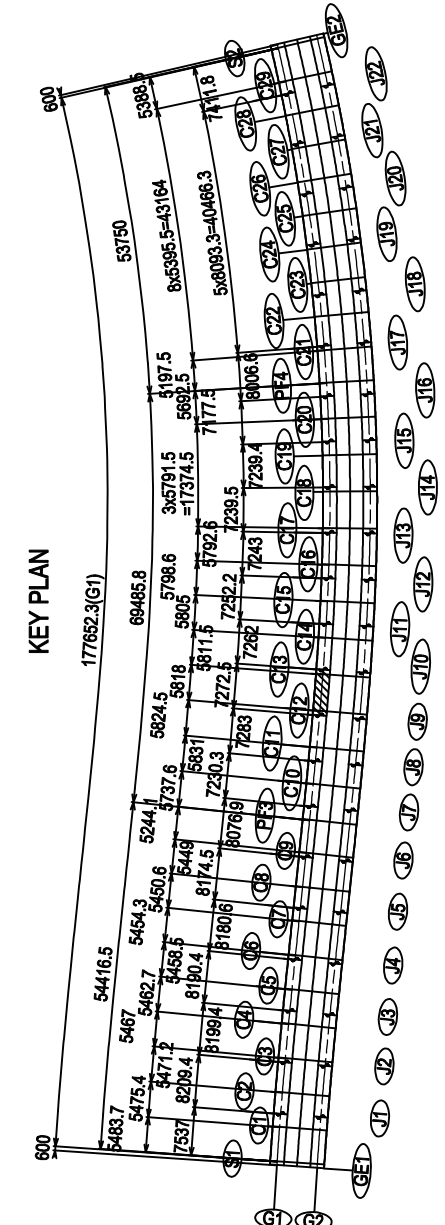


2-Spl PL 155 x 19 x 630(SM490YB)
 16-TCB M22 x 95(S10T)

Bot Long Rib Joint J10
(Numbers : 2)



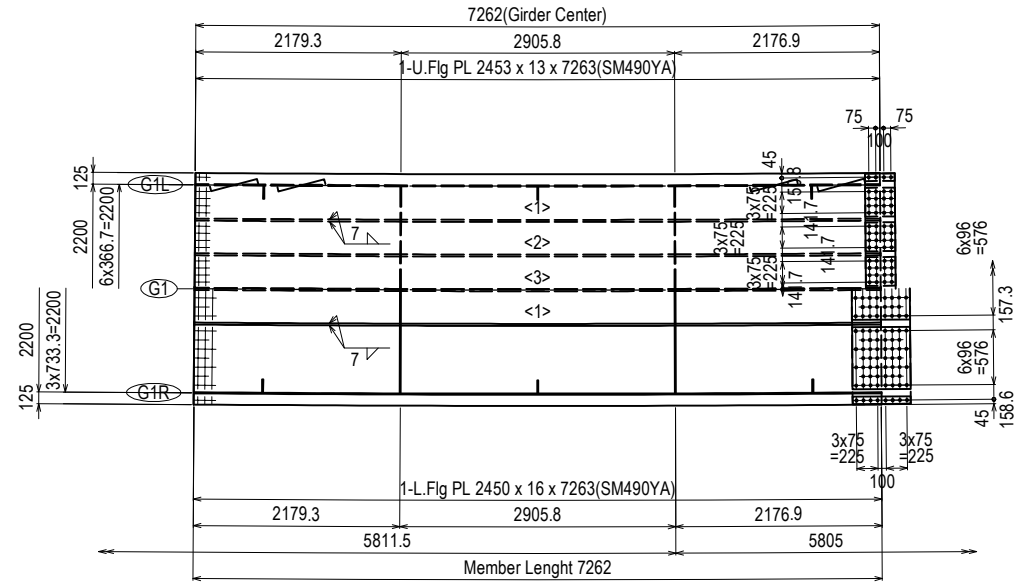
2-Spl PL 155 x 22 x 630(SM490YB)
 16-TCB M22 x 95(S10T)



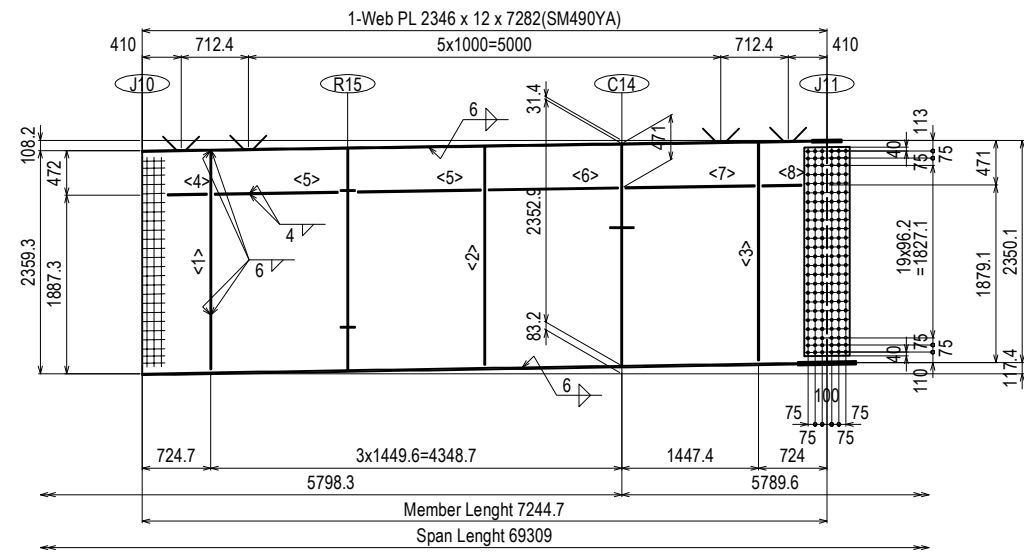
Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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 Y. SUZUKI CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (10)	PACKAGE 3 DWG No. P3-FO-1419
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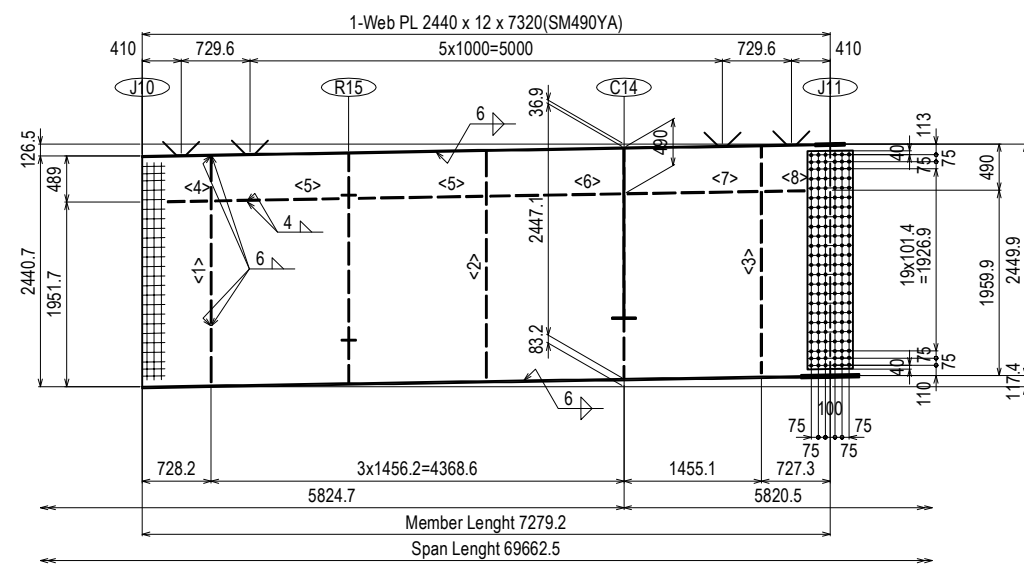
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (11) S=1:80



- <Upper Flg>
- 16-RB φ16 x 600(SS400)
 - <1> 1-Rib PL 230 x 22 x 7235(SM490YB)
 - <2> 1-Rib PL 230 x 22 x 7241(SM490YB)
 - <3> 1-Rib PL 230 x 22 x 7246(SM490YB)
 - 1-Rib PL 230 x 22 x 7252(SM490YB)
 - 1-Rib PL 230 x 22 x 7258(SM490YB)
 - 1-Spl PL 80 x 9 x 330(SM490YA)
 - 6-Spl PL 305 x 9 x 330(SM490YA)
 - 1-Spl PL 80 x 9 x 330(SM490YA)
 - 1-Spl PL 2440 x 9 x 330(SM490YA)
 - 4-TCB M22 x 70(S10T)
 - 96-TCB M22 x 70(S10T)
 - 4-TCB M22 x 70(S10T)
- <Lower Flg>
- 1-Rib PL 230 x 22 x 7241(SM490YB)
 - <1> 1-Rib PL 230 x 22 x 7252(SM490YB)
 - 1-Spl PL 80 x 12 x 630(SM490YA)
 - 3-Spl PL 656 x 12 x 630(SM490YA)
 - 1-Spl PL 80 x 12 x 630(SM490YA)
 - 1-Spl PL 2440 x 9 x 630(SM490YA)
 - 8-TCB M22 x 75(S10T)
 - 150-TCB M22 x 75(S10T)
 - 8-TCB M22 x 75(S10T)

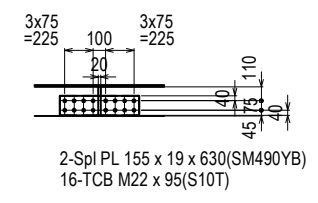


- <1> 1-V.Stiff PL 140 x 12 x 2316
- <2> 1-V.Stiff PL 140 x 12 x 2312
- <3> 1-V.Stiff PL 140 x 12 x 2309
- <4> 1-H.Stiff PL 140 x 12 x 414
- <5> 2-H.Stiff PL 140 x 12 x 1304
- <6> 1-H.Stiff PL 140 x 12 x 1369
- <7> 1-H.Stiff PL 140 x 12 x 1367
- <8> 1-H.Stiff PL 140 x 12 x 413
- 1-Spl PL 2214 x 9 x 480(SM490YA)
- 1-Spl PL 2214 x 9 x 480(SM490YA)
- 144-TCB M22 x 65(S10T)

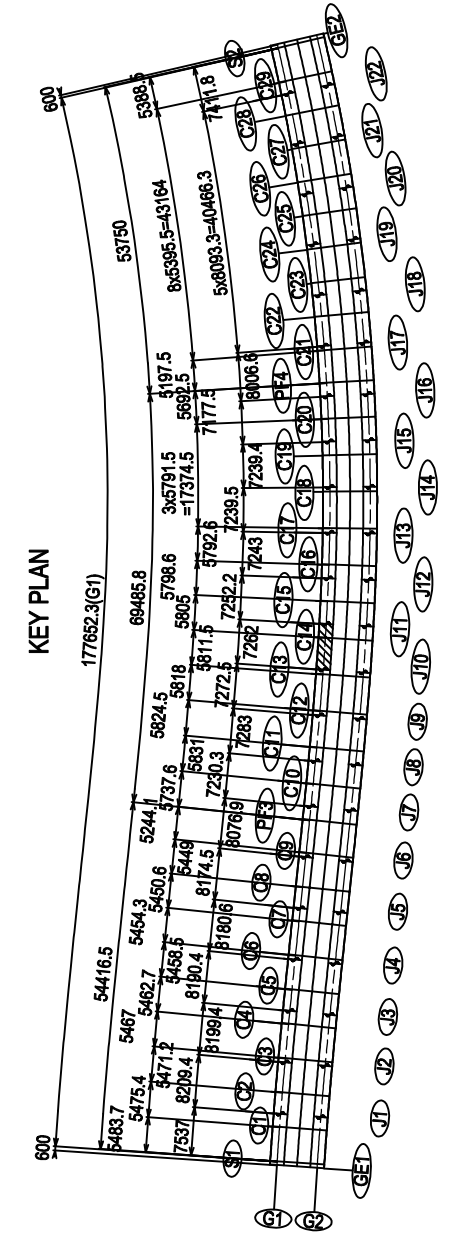
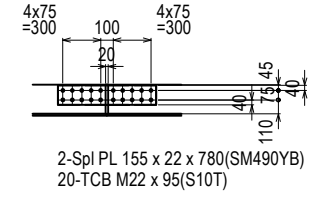


- <1> 1-V.Stiff PL 140 x 12 x 2394
- <2> 1-V.Stiff PL 140 x 12 x 2397
- <3> 1-V.Stiff PL 140 x 12 x 2401
- <4> 1-H.Stiff PL 140 x 12 x 417
- <5> 2-H.Stiff PL 140 x 12 x 1310
- <6> 1-H.Stiff PL 140 x 12 x 1376
- <7> 1-H.Stiff PL 140 x 12 x 1375
- <8> 1-H.Stiff PL 140 x 12 x 416
- 1-Spl PL 2315 x 9 x 480(SM490YA)
- 1-Spl PL 2315 x 9 x 480(SM490YA)
- 144-TCB M22 x 65(S10T)

Top Long Rib Joint J11
(Numbers : 5)



Bot Long Rib Joint J11
(Numbers : 2)



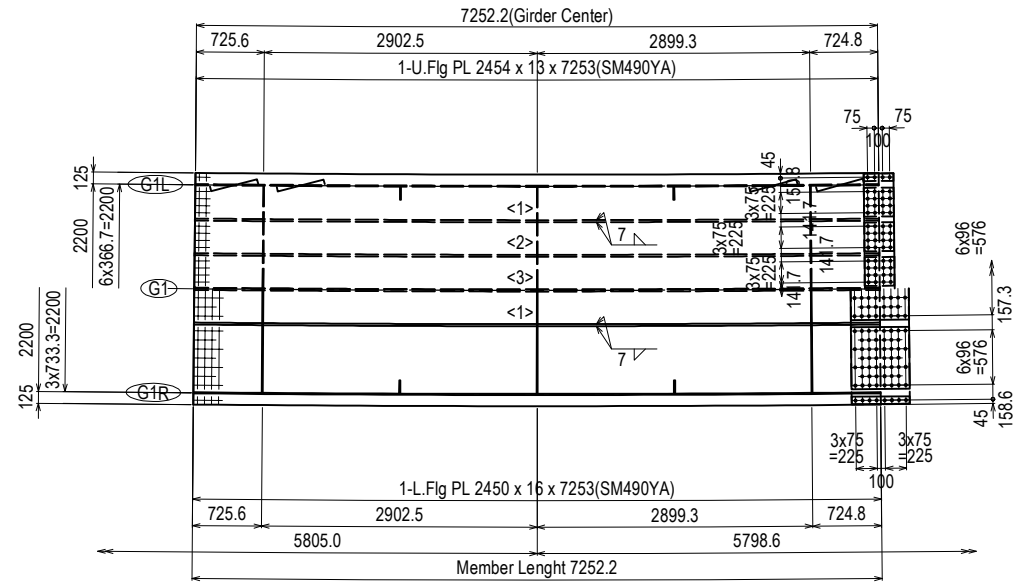
Note

1. All material without the reports is made SM400A
2. + : High-tension bolt M22 (S10T)
3. All scar laps without the reports are made R35

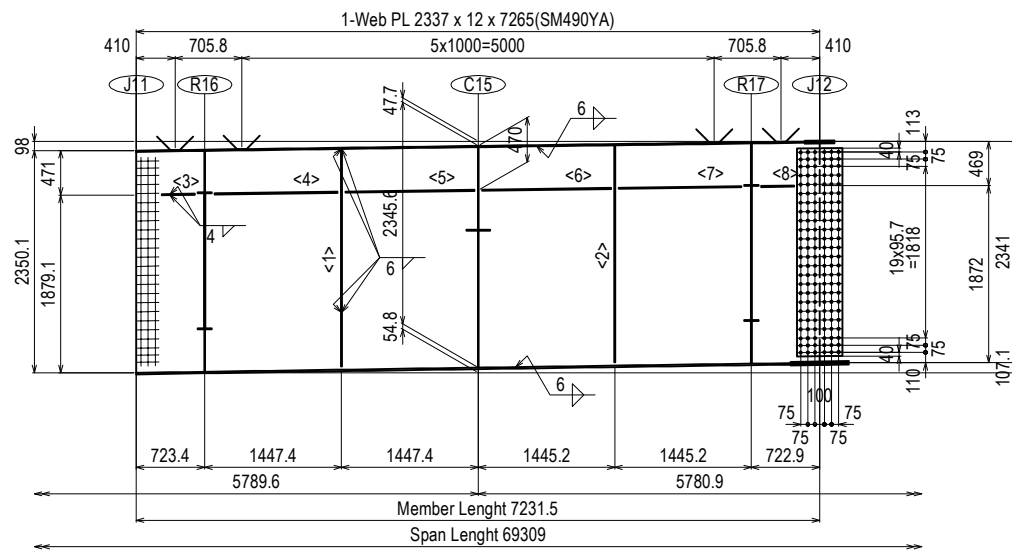
PROJECT NAME	FINANCED BY	COUNTERPART	JICA STUDY TEAM	NAME	SIGNATURE	DATE	DRAWING TITLE	PACKAGE
DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	JICA JAPAN INTERNATIONAL COOPERATION AGENCY	REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	Y. SUZUKI	<i>[Signature]</i>	14 Jul. 2017	DETAIL OF MAIN GIRDER G1 (PF2-PF5) (11)	3
				T. HAYAKAWA	<i>[Signature]</i>	20 Jul. 2017		DWG No.
				Y. SANO	<i>[Signature]</i>	25 Jul. 2017		P3-FO-1420

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (12)

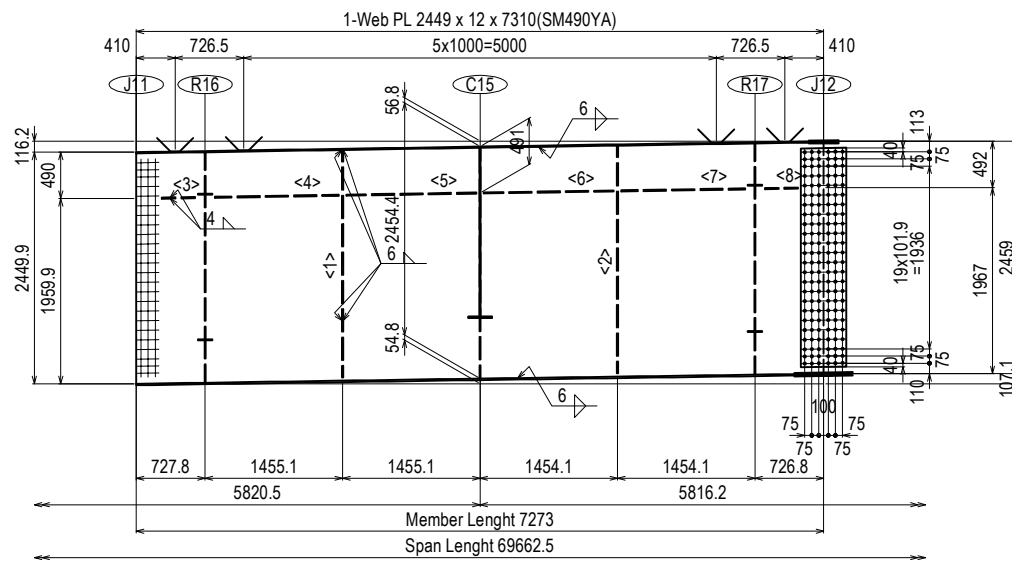
S=1:80



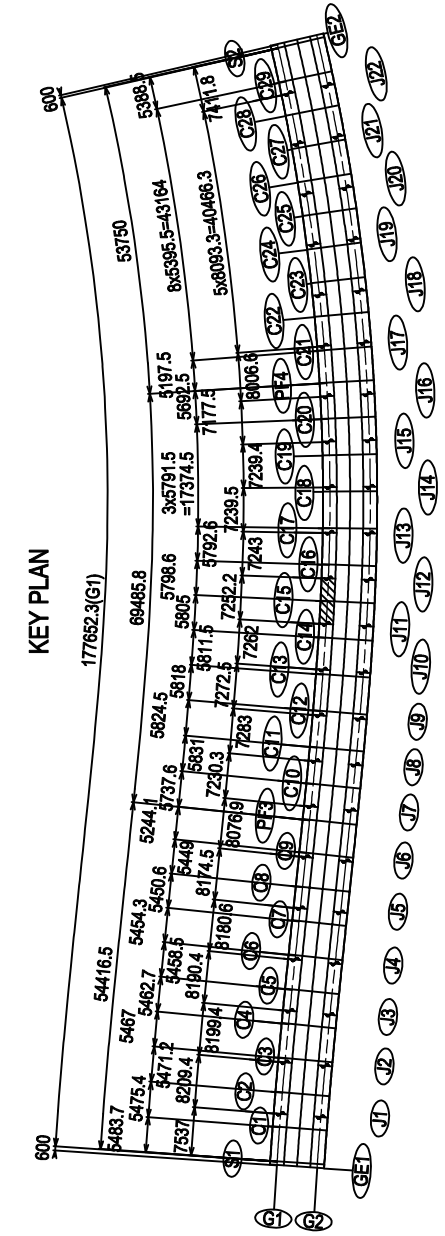
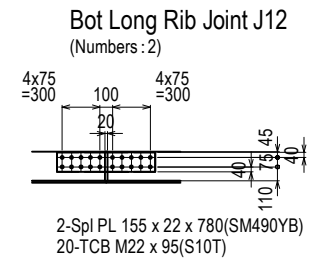
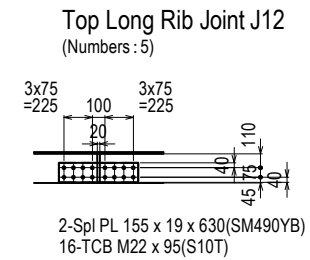
- <Upper Flg>
 16-RB ϕ 16 x 600(SS400)
 <1>1-Rib PL 230 x 22 x 7222(SM490YB)
 <2>1-Rib PL 230 x 22 x 7229(SM490YB)
 <3>1-Rib PL 230 x 22 x 7236(SM490YB)
 1-Rib PL 230 x 22 x 7243(SM490YB)
 1-Rib PL 230 x 22 x 7250(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)
- <Lower Flg>
 1-Rib PL 230 x 22 x 7229(SM490YB)
 <1>1-Rib PL 230 x 22 x 7243(SM490YB)
 1-Spl PL 80 x 12 x 630(SM490YA)
 3-Spl PL 656 x 12 x 630(SM490YA)
 1-Spl PL 80 x 12 x 630(SM490YA)
 1-Spl PL 2440 x 9 x 630(SM490YA)
 8-TCB M22 x 75(S10T)
 150-TCB M22 x 75(S10T)
 8-TCB M22 x 75(S10T)



- <1>1-V.Stiff PL 140 x 12 x 2306
 <2>1-V.Stiff PL 140 x 12 x 2303
 <3>1-H.Stiff PL 140 x 12 x 349
 <4>1-H.Stiff PL 140 x 12 x 1302
 <5>1-H.Stiff PL 140 x 12 x 1367
 <6>1-H.Stiff PL 140 x 12 x 1365
 <7>1-H.Stiff PL 140 x 12 x 1299
 <8>1-H.Stiff PL 140 x 12 x 348
 1-Spl PL 2204 x 9 x 480(SM490YA)
 1-Spl PL 2204 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)



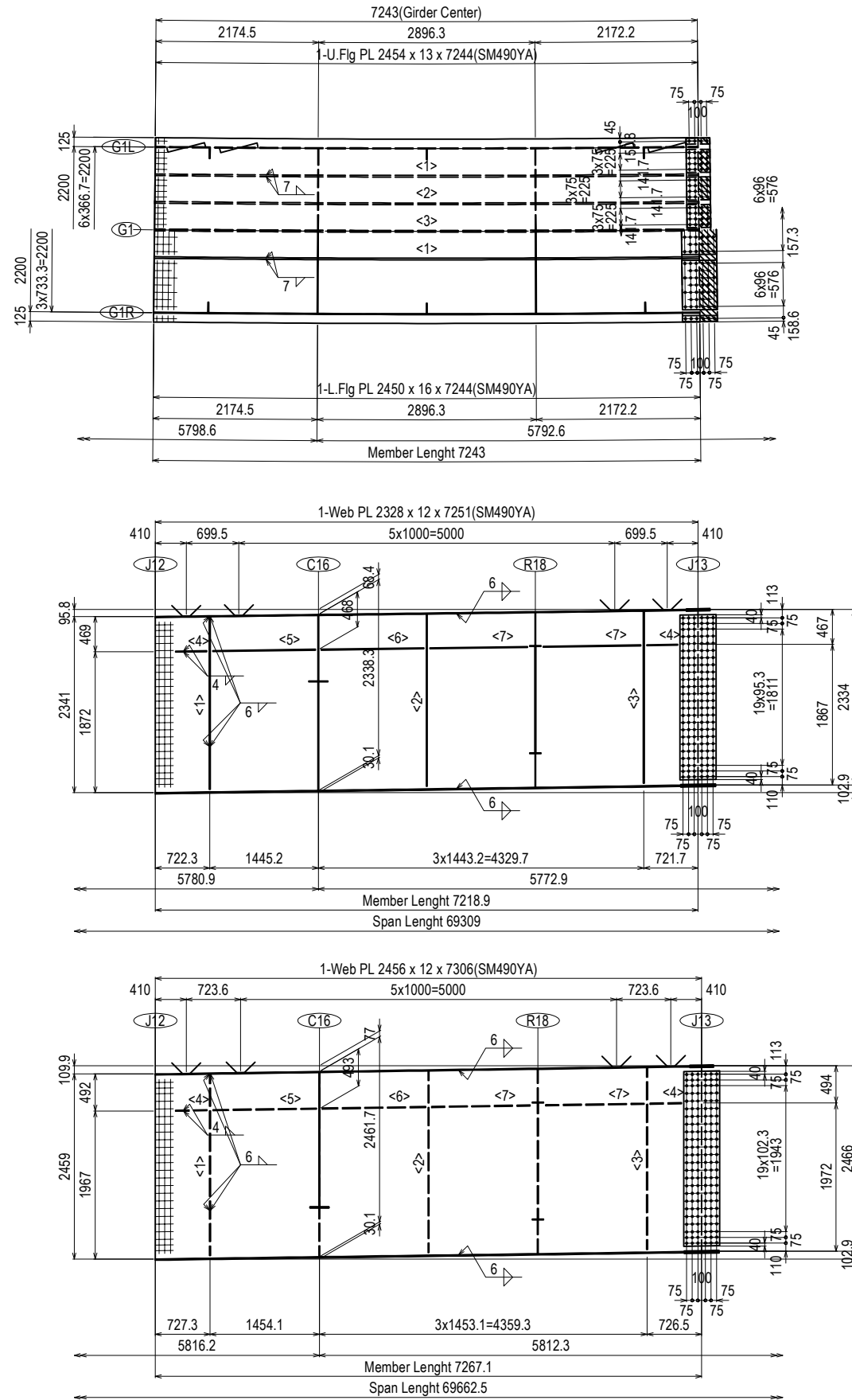
- <1>1-V.Stiff PL 140 x 12 x 2405
 <2>1-V.Stiff PL 140 x 12 x 2408
 <3>1-H.Stiff PL 140 x 12 x 353
 <4>1-H.Stiff PL 140 x 12 x 1309
 <5>1-H.Stiff PL 140 x 12 x 1375
 <6>1-H.Stiff PL 140 x 12 x 1374
 <7>1-H.Stiff PL 140 x 12 x 1308
 <8>1-H.Stiff PL 140 x 12 x 352
 1-Spl PL 2323 x 9 x 480(SM490YA)
 1-Spl PL 2323 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)



Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (12)							DWG No.	P3-FO-1421	

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (13) S=1:80

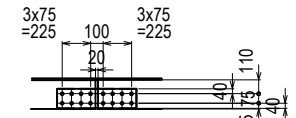


- <Upper Flg>**
 16-RB φ16 x 600(SS400)
 <1>1-Rib PL 230 x 22 x 7211(SM490YB)
 <2>1-Rib PL 230 x 22 x 7219(SM490YB)
 <3>1-Rib PL 230 x 22 x 7227(SM490YB)
 1-Rib PL 230 x 22 x 7235(SM490YB)
 1-Rib PL 230 x 22 x 7243(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 2-Fill PL 80 x 2.3 x 165(SS400)
 6-Fill PL 305 x 2.3 x 165(SS400)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)
- <Lower Flg>**
 1-Rib PL 230 x 22 x 7219(SM490YB)
 <1>1-Rib PL 230 x 22 x 7235(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 3-Spl PL 656 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 1-Fill PL 2440 x 4.5 x 240(SS400)
 6-TCB M22 x 70(S10T)
 108-TCB M22 x 70(S10T)
 6-TCB M22 x 70(S10T)

- <1>1-V.Stiff PL 140 x 12 x 2300
 <2>1-V.Stiff PL 140 x 12 x 2297
 <3>1-V.Stiff PL 140 x 12 x 2295
 <4>2-H.Stiff PL 140 x 12 x 411
 <5>1-H.Stiff PL 140 x 12 x 1365
 <6>1-H.Stiff PL 140 x 12 x 1363
 <7>2-H.Stiff PL 140 x 12 x 1297
 1-Spl PL 2199 x 9 x 480(SM490YA)
 1-Spl PL 2199 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

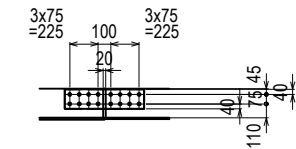
- <1>1-V.Stiff PL 140 x 12 x 2412
 <2>1-V.Stiff PL 140 x 12 x 2415
 <3>1-V.Stiff PL 140 x 12 x 2418
 <4>2-H.Stiff PL 140 x 12 x 416
 <5>1-H.Stiff PL 140 x 12 x 1374
 <6>1-H.Stiff PL 140 x 12 x 1373
 <7>2-H.Stiff PL 140 x 12 x 1307
 1-Spl PL 2331 x 9 x 480(SM490YA)
 1-Spl PL 2331 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

Top Long Rib Joint J13
(Numbers : 5)

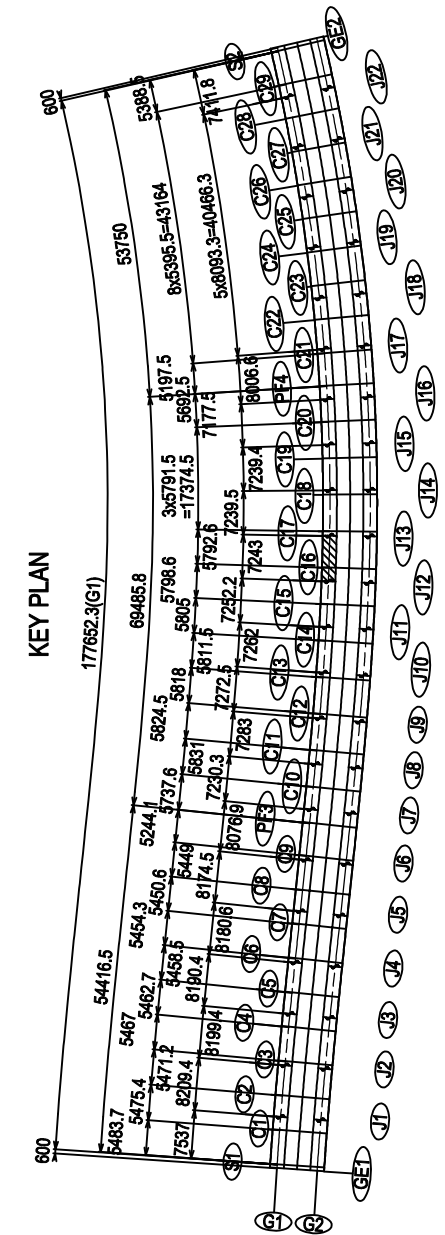


2-Spl PL 155 x 19 x 630(SM490YB)
16-TCB M22 x 95(S10T)

Bot Long Rib Joint J13
(Numbers : 2)



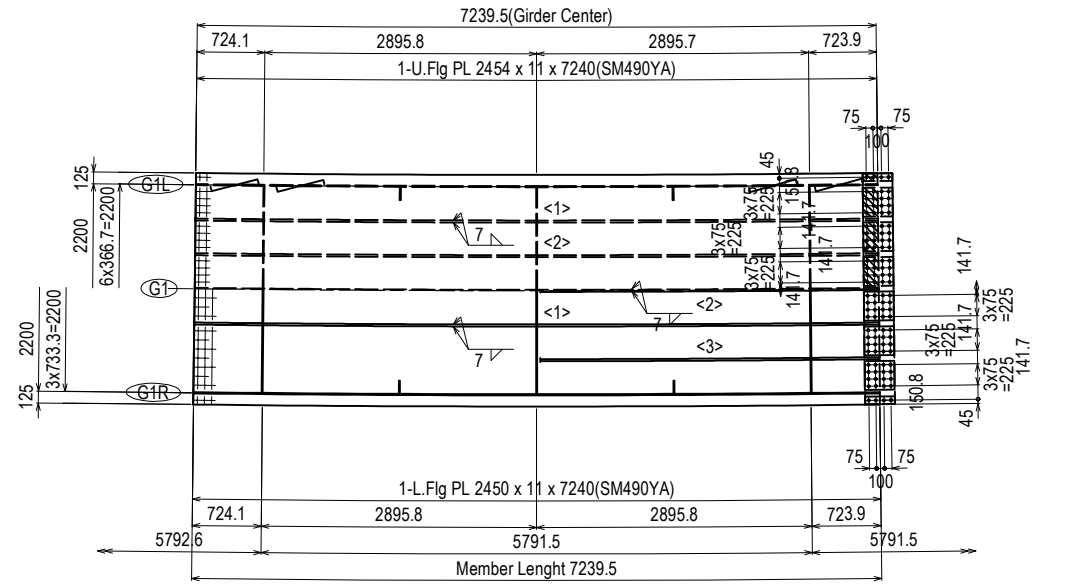
2-Spl PL 155 x 22 x 630(SM490YB)
16-TCB M22 x 105(S10T)



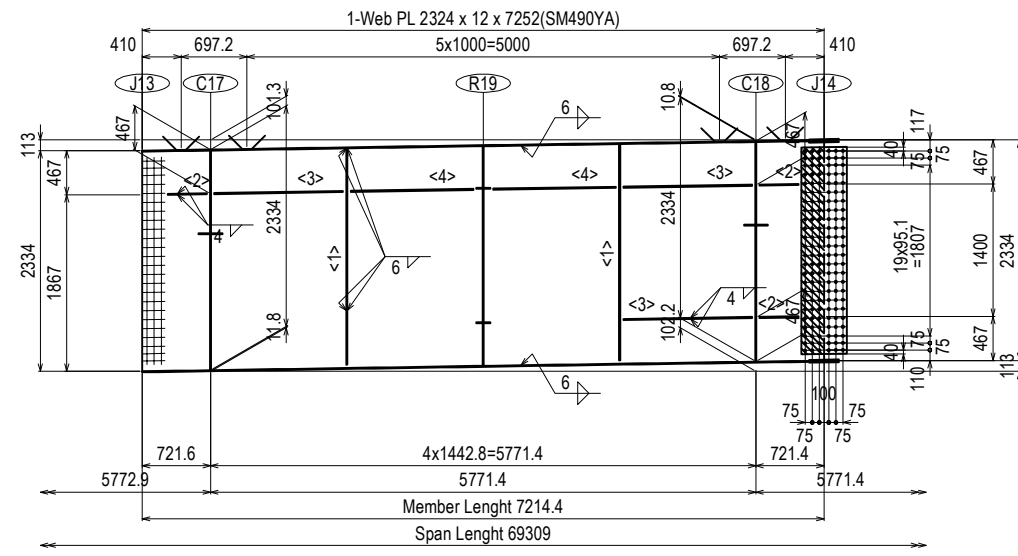
- Note**
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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 Y. SUZUKI</td> <td></td> <td>14 Jul. 2017</td> </tr> <tr> <td>CHECKED BY T. HAYAKAWA</td> <td></td> <td>20 Jul. 2017</td> </tr> <tr> <td>APPROVED BY Y. SANO</td> <td></td> <td>25 Jul. 2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY Y. SUZUKI		14 Jul. 2017	CHECKED BY T. HAYAKAWA		20 Jul. 2017	APPROVED BY Y. SANO		25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (13)	PACKAGE 3 DWG No. P3-FO-1422
NAME	SIGNATURE	DATE																
PREPARED BY Y. SUZUKI		14 Jul. 2017																
CHECKED BY T. HAYAKAWA		20 Jul. 2017																
APPROVED BY Y. SANO		25 Jul. 2017																

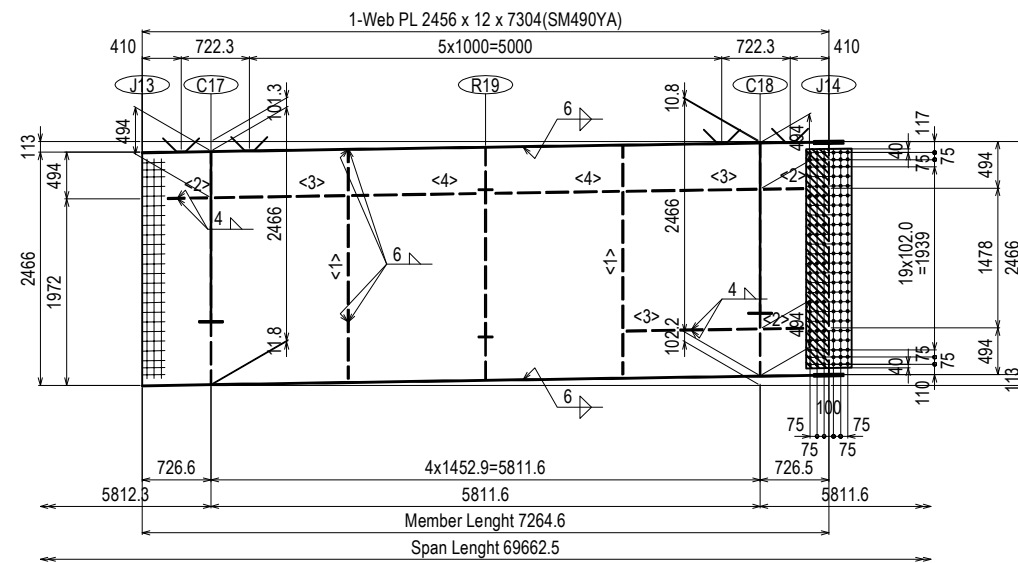
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (14) S=1:80



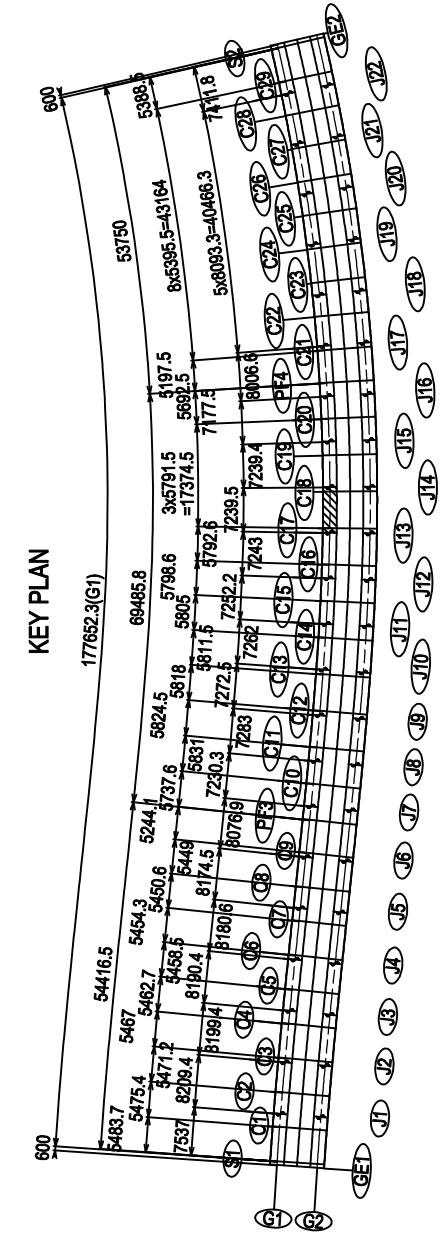
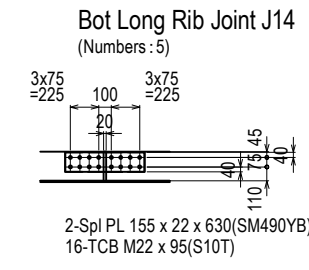
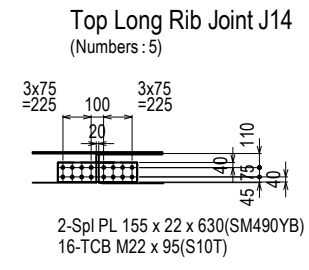
- <Upper Flg>
- 16-RB φ16 x 600 (SS400)
 - <1> 1-Rib PL 230 x 22 x 7207 (SM490YB)
 - <2> 1-Rib PL 230 x 22 x 7215 (SM490YB)
 - 1-Rib PL 230 x 22 x 7224 (SM490YB)
 - 1-Rib PL 230 x 22 x 7232 (SM490YB)
 - 1-Rib PL 230 x 22 x 7240 (SM490YB)
 - 1-Spl PL 80 x 9 x 330 (SM490YA)
 - 6-Spl PL 305 x 9 x 330 (SM490YA)
 - 1-Spl PL 80 x 9 x 330 (SM490YA)
 - 1-Spl PL 2440 x 9 x 330 (SM490YA)
 - 2-Fill PL 80 x 6 x 165 (SS400)
 - 6-Fill PL 305 x 6 x 165 (SS400)
 - 4-TCB M22 x 70 (S10T)
 - 96-TCB M22 x 70 (S10T)
 - 4-TCB M22 x 70 (S10T)
- <Lower Flg>
- 1-Rib PL 230 x 22 x 7215 (SM490YB)
 - <1> 1-Rib PL 230 x 22 x 7232 (SM490YB)
 - 1-Rib PL 230 x 22 x 3566 (SM490YB)
 - <2> 1-Rib PL 230 x 22 x 3574 (SM490YB)
 - <3> 1-Rib PL 230 x 22 x 3582 (SM490YB)
 - 1-Spl PL 80 x 9 x 330 (SM490YA)
 - 6-Spl PL 305 x 9 x 330 (SM490YA)
 - 1-Spl PL 80 x 9 x 330 (SM490YA)
 - 1-Spl PL 2440 x 9 x 330 (SM490YA)
 - 4-TCB M22 x 65 (S10T)
 - 96-TCB M22 x 65 (S10T)
 - 4-TCB M22 x 65 (S10T)



- <1> 2-V.Stiff PL 140 x 12 x 2296
- <2> 3-H.Stiff PL 140 x 12 x 412
- <3> 3-H.Stiff PL 140 x 12 x 1363
- <4> 2-H.Stiff PL 140 x 12 x 1297
- 1-Spl PL 2194 x 9 x 480 (SM490YA)
- 1-Spl PL 2194 x 9 x 480 (SM490YA)
- 1-Fill PL 2191 x 2.3 x 240 (SS400)
- 144-TCB M22 x 70 (S10T)



- <1> 2-V.Stiff PL 140 x 12 x 2420
- <2> 3-H.Stiff PL 140 x 12 x 417
- <3> 3-H.Stiff PL 140 x 12 x 1373
- <4> 2-H.Stiff PL 140 x 12 x 1307
- 1-Spl PL 2326 x 9 x 480 (SM490YA)
- 1-Spl PL 2326 x 9 x 480 (SM490YA)
- 1-Fill PL 2323 x 2.3 x 240 (SS400)
- 144-TCB M22 x 70 (S10T)

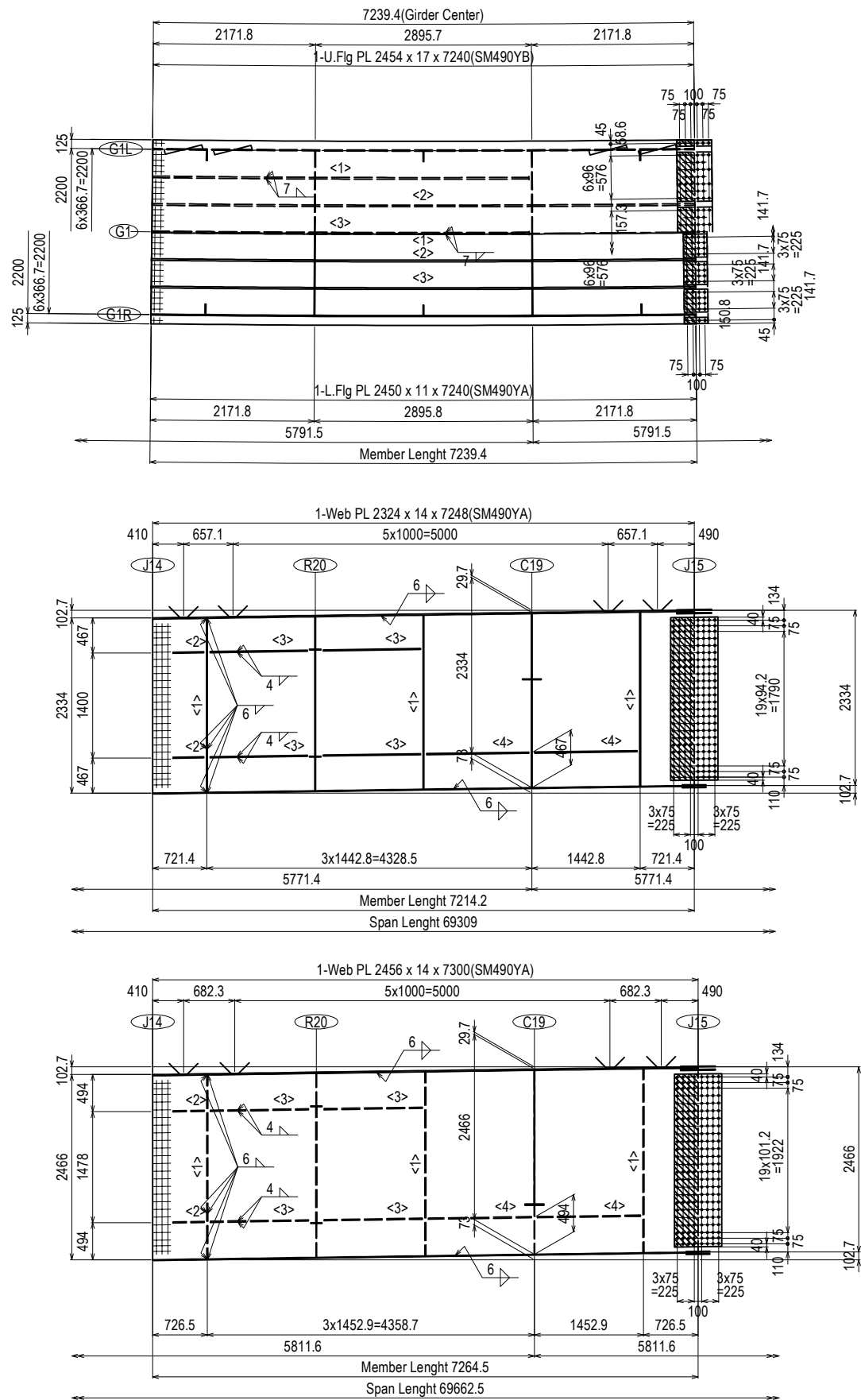


Note

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

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (14)							DWG No.	3	
							P3-FO-1423		

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (15) S=1:80

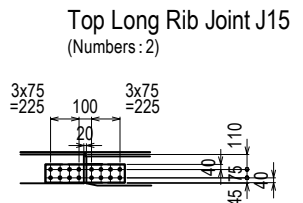


<Upper Flg>
 16-RB φ16 x 600(SS400)
 <1>1-Rib PL 230 x 22 x 5010(SM490YB)
 <2>1-Rib PL 230 x 22 x 7215(SM490YB)
 <3>1-Rib PL 230 x 22 x 5022(SM490YB)
 1-Rib PL 230 x 22 x 7231(SM490YB)
 1-Rib PL 230 x 22 x 5033(SM490YB)
 1-Spl PL 80 x 12 x 480(SM490YA)
 3-Spl PL 656 x 12 x 480(SM490YA)
 1-Spl PL 80 x 12 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 2-Fill PL 80 x 17 x 240(SS400)
 3-Fill PL 656 x 17 x 240(SS400)
 6-TCB M22 x 90(S10T)
 108-TCB M22 x 90(S10T)
 6-TCB M22 x 90(S10T)

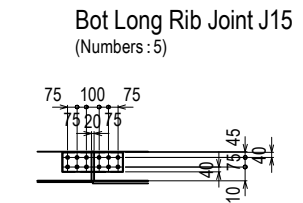
<Lower Flg>
 1-Rib PL 230 x 22 x 7206(SM490YB)
 1-Rib PL 230 x 22 x 7215(SM490YB)
 <1>1-Rib PL 230 x 22 x 7223(SM490YB)
 <2>1-Rib PL 230 x 22 x 7231(SM490YB)
 <3>1-Rib PL 230 x 22 x 7240(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 1-Fill PL 2440 x 10 x 165(SS400)
 4-TCB M22 x 75(S10T)
 96-TCB M22 x 75(S10T)
 4-TCB M22 x 75(S10T)

<1>3-V.Stiff PL 140 x 12 x 2325
 <2>2-H.Stiff PL 160 x 14 x 411
 <3>4-H.Stiff PL 160 x 14 x 1297
 <4>2-H.Stiff PL 160 x 14 x 1363
 1-Spl PL 2179 x 9 x 630(SM490YA)
 1-Spl PL 2179 x 9 x 630(SM490YA)
 1-Fill PL 2174 x 2.3 x 315(SS400)
 192-TCB M22 x 70(S10T)

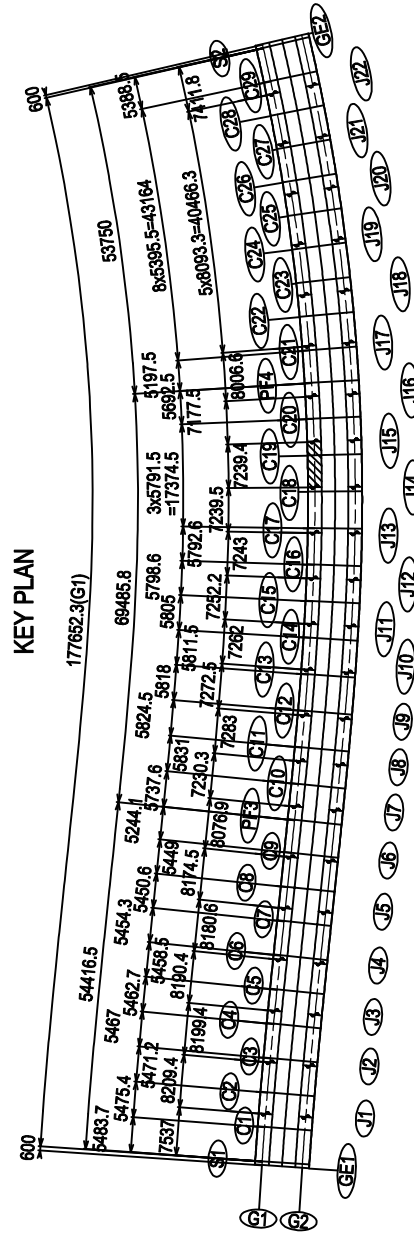
<1>3-V.Stiff PL 140 x 12 x 2449
 <2>2-H.Stiff PL 160 x 14 x 416
 <3>4-H.Stiff PL 160 x 14 x 1307
 <4>2-H.Stiff PL 160 x 14 x 1373
 1-Spl PL 2311 x 9 x 630(SM490YA)
 1-Spl PL 2311 x 9 x 630(SM490YA)
 1-Fill PL 2306 x 2.3 x 315(SS400)
 192-TCB M22 x 70(S10T)



2-Spl PL 155 x 22 x 630(SM490YB)
 16-TCB M22 x 105(S10T)



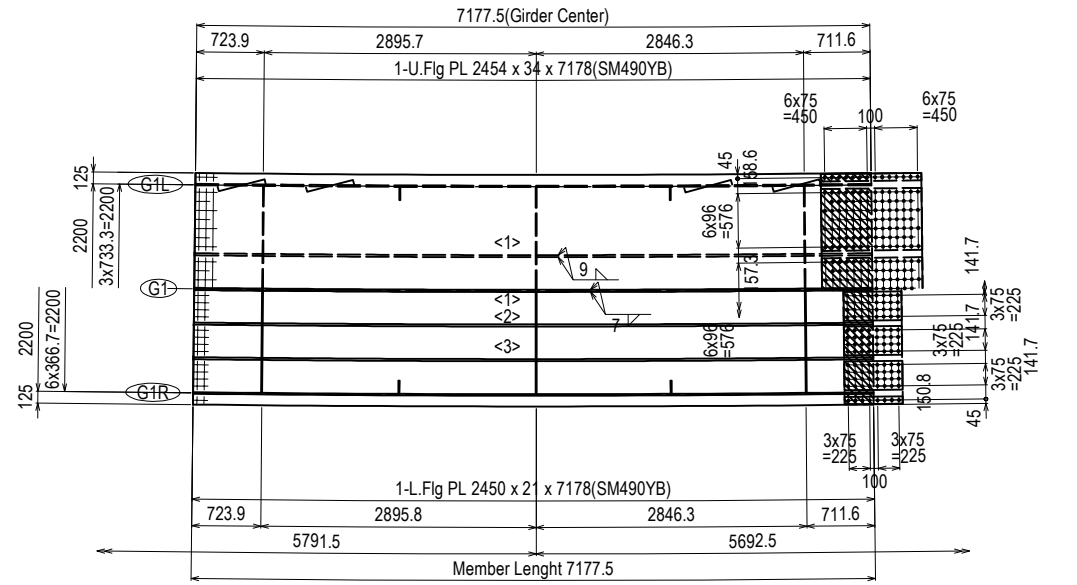
2-Spl PL 155 x 19 x 480(SM490YB)
 12-TCB M22 x 95(S10T)



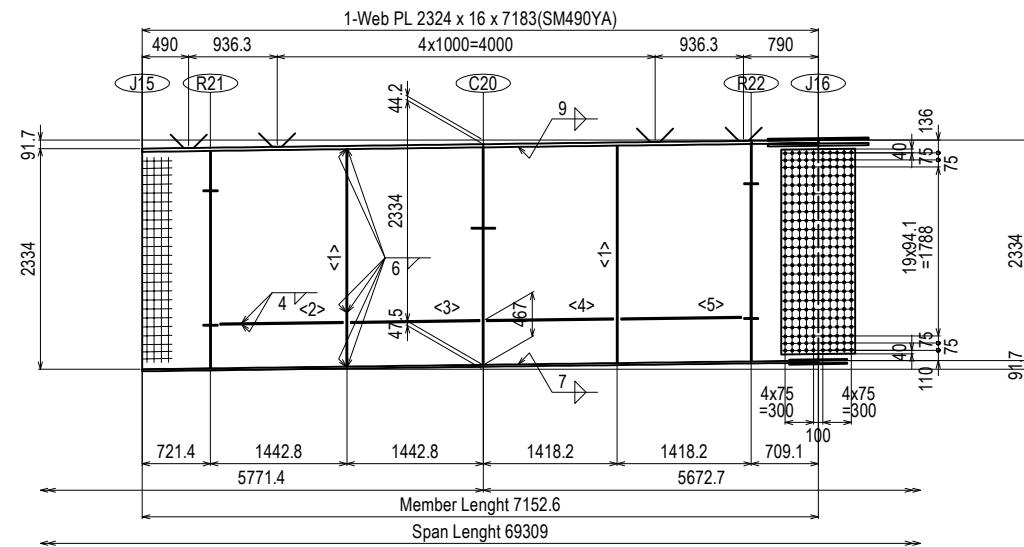
Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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 Y. SUZUKI T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (15)	PACKAGE 3 DWG No. P3-FO-1424
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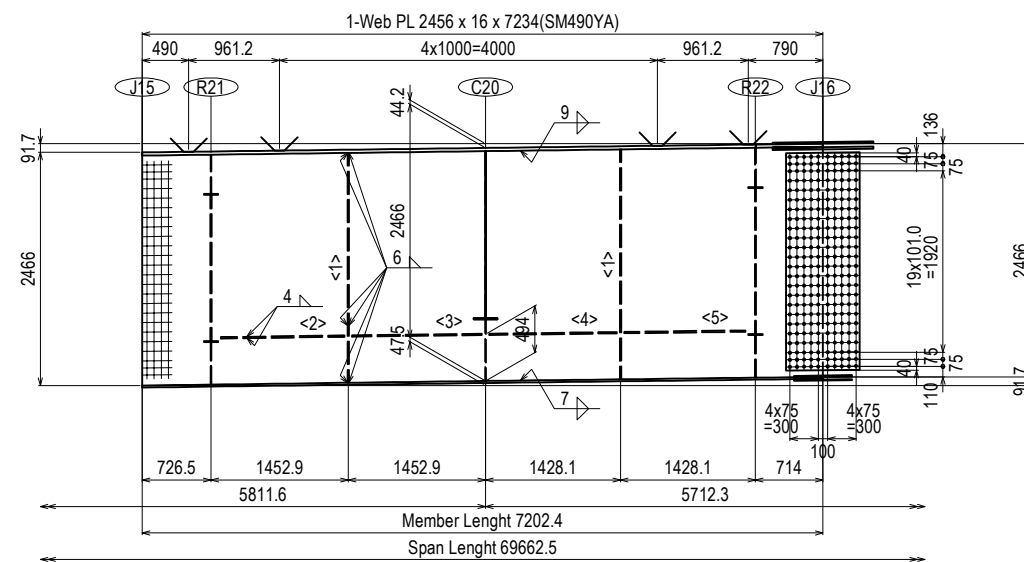
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (16) S=1:80



- <Upper Flg>
 14-RB φ16 x 600(SS400)
 <1> 1-Rib PL 230 x 22 x 7152(SM490YB)
 1-Rib PL 230 x 22 x 7169(SM490YB)
 1-Spl PL 80 x 25 x 1080(SM490YB)
 3-Spl PL 656 x 25 x 1080(SM490YB)
 1-Spl PL 80 x 25 x 1080(SM490YB)
 1-Spl PL 2440 x 19 x 1080(SM490YB)
 2-Fill PL 80 x 2.3 x 540(SS400)
 3-Fill PL 656 x 2.3 x 540(SS400)
 14-TCB M22 x 115(S10T)
 276-TCB M22 x 115(S10T)
 14-TCB M22 x 115(S10T)
- <Lower Flg>
 1-Rib PL 230 x 22 x 7144(SM490YB)
 1-Rib PL 230 x 22 x 7152(SM490YB)
 <1> 1-Rib PL 230 x 22 x 7161(SM490YB)
 <2> 1-Rib PL 230 x 22 x 7169(SM490YB)
 <3> 1-Rib PL 230 x 22 x 7177(SM490YB)
 1-Spl PL 80 x 14 x 630(SM490YA)
 6-Spl PL 305 x 14 x 630(SM490YA)
 1-Spl PL 80 x 14 x 630(SM490YA)
 1-Spl PL 2440 x 12 x 630(SM490YA)
 1-Fill PL 2440 x 6 x 315(SS400)
 8-TCB M22 x 90(S10T)
 192-TCB M22 x 90(S10T)
 8-TCB M22 x 90(S10T)

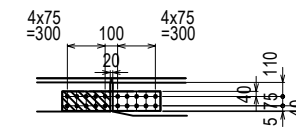


- <1> 2-V.Stiff PL 140 x 12 x 2308
 <2> 1-H.Stiff PL 160 x 14 x 1297
 <3> 1-H.Stiff PL 160 x 14 x 1363
 <4> 1-H.Stiff PL 160 x 14 x 1338
 <5> 1-H.Stiff PL 160 x 14 x 1272
 1-Spl PL 2178 x 10 x 780(SM490YA)
 1-Spl PL 2178 x 10 x 780(SM490YA)
 240-TCB M22 x 75(S10T)



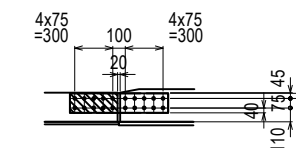
- <1> 2-V.Stiff PL 140 x 12 x 2432
 <2> 1-H.Stiff PL 160 x 14 x 1307
 <3> 1-H.Stiff PL 160 x 14 x 1373
 <4> 1-H.Stiff PL 160 x 14 x 1348
 <5> 1-H.Stiff PL 160 x 14 x 1282
 1-Spl PL 2309 x 10 x 780(SM490YA)
 1-Spl PL 2309 x 10 x 780(SM490YA)
 240-TCB M22 x 75(S10T)

Top Long Rib Joint J16
(Numbers : 2)

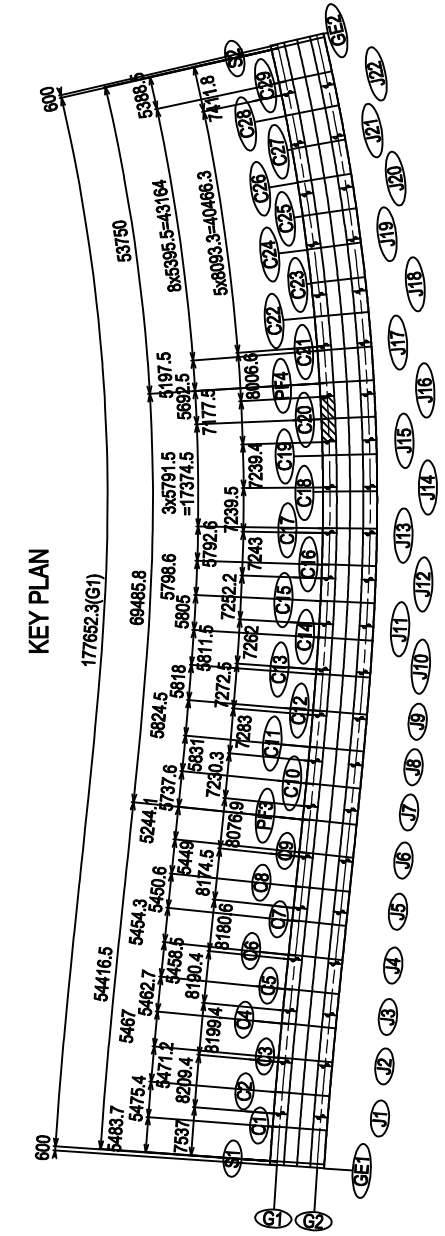


- 2-Spl PL 155 x 22 x 780(SM490YB)
 1-Fill PL 155 x 3.2 x 390(SS400)
 20-TCB M22 x 105(S10T)

Bot Long Rib Joint J16
(Numbers : 5)



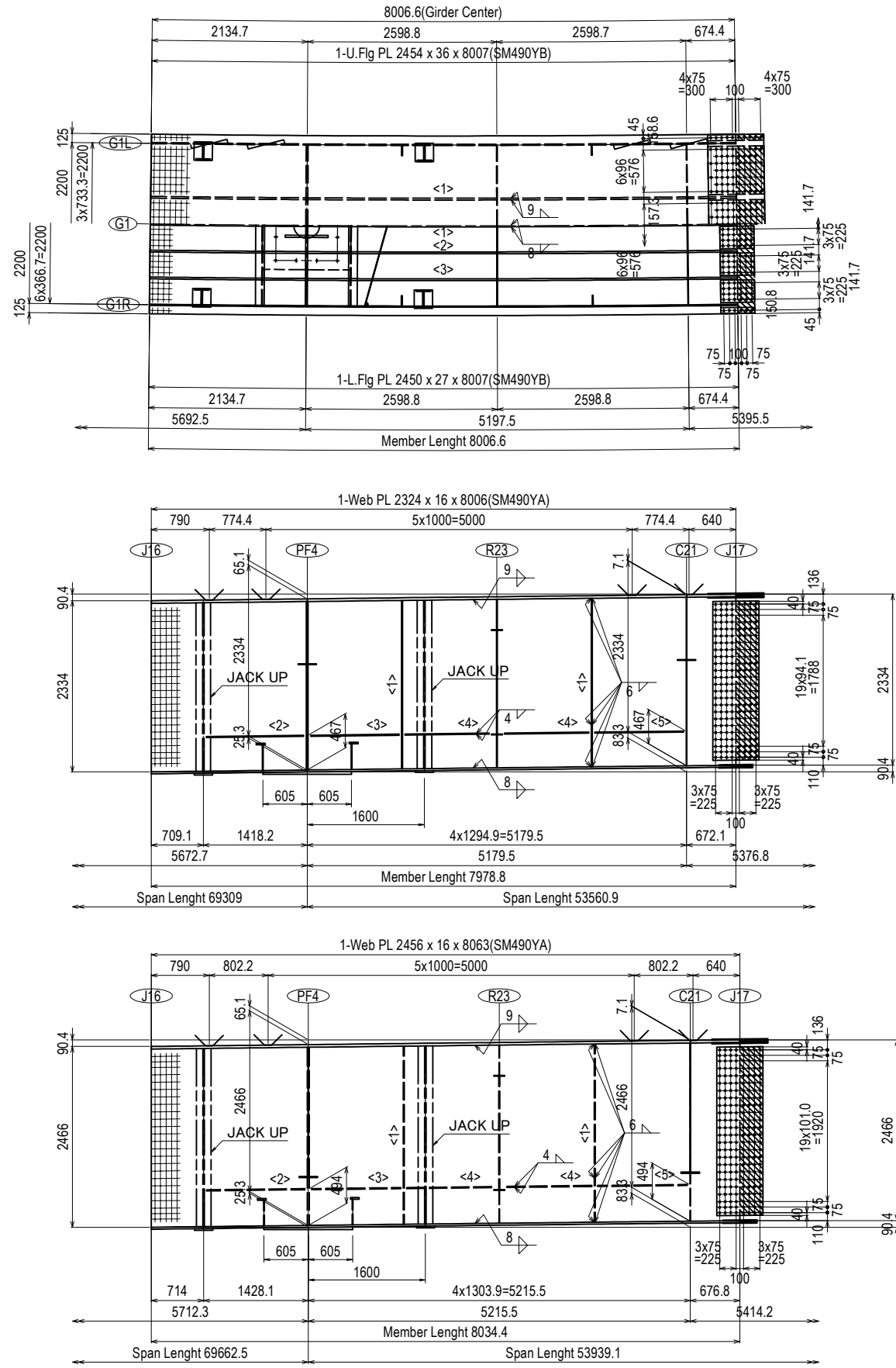
- 2-Spl PL 155 x 19 x 780(SM490YB)
 1-Fill PL 155 x 3.2 x 390(SS400)
 20-TCB M22 x 100(S10T)



Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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>Y. SUZUKI</td> <td>14 Jul. 2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jul. 2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>25 Jul. 2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	Y. SUZUKI	14 Jul. 2017	CHECKED BY	T. HAYAKAWA	20 Jul. 2017	APPROVED BY	Y. SANO	25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (16)	PACKAGE 3 DWG No. P3-FO-1425
NAME	SIGNATURE	DATE																
PREPARED BY	Y. SUZUKI	14 Jul. 2017																
CHECKED BY	T. HAYAKAWA	20 Jul. 2017																
APPROVED BY	Y. SANO	25 Jul. 2017																

DETAIL OF MAIN GIRDER G1 (PF2-PF5) (17) S=1:80

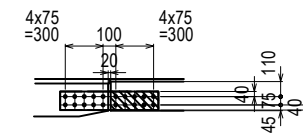


- <Upper Flg>**
 16-RB φ16 x 600(SS400)
 <1>1-Rib PL 260 x 25 x 7980(SM490YB)
 1-Rib PL 260 x 25 x 7999(SM490YB)
 1-Spl PL 80 x 14 x 780(SM490YA)
 3-Spl PL 656 x 14 x 780(SM490YA)
 1-Spl PL 80 x 14 x 780(SM490YA)
 1-Spl PL 2440 x 12 x 780(SM490YA)
 2-Fill PL 80 x 16 x 390(SS400)
 3-Fill PL 656 x 16 x 390(SS400)
 10-TCB M22 x 100(S10T)
 192-TCB M22 x 100(S10T)
 10-TCB M22 x 100(S10T)
- <Lower Flg>**
 1-Rib PL 260 x 25 x 7971(SM490YB)
 1-Rib PL 260 x 25 x 7980(SM490YB)
 <1>1-Rib PL 260 x 25 x 7990(SM490YB)
 <2>1-Rib PL 260 x 25 x 7999(SM490YB)
 <3>1-Rib PL 260 x 25 x 8008(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 6-Spl PL 305 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 1-Fill PL 2440 x 13 x 240(SS400)
 6-TCB M22 x 80(S10T)
 144-TCB M22 x 80(S10T)
 6-TCB M22 x 80(S10T)
 1-Sole PL 1210 x 40 x 1210(SM490B)

- <1>2-V.Stiff PL 140 x 12 x 2306
 <2>1-H.Stiff PL 160 x 14 x 1329
 <3>1-H.Stiff PL 160 x 14 x 1206
 <4>2-H.Stiff PL 160 x 14 x 1149
 <5>1-H.Stiff PL 160 x 14 x 1214
 1-Spl PL 2175 x 9 x 630(SM490YA)
 1-Spl PL 2175 x 9 x 630(SM490YA)
 1-Fill PL 2171 x 2.3 x 315(SS400)
 192-TCB M22 x 70(S10T)

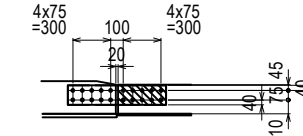
- <1>2-V.Stiff PL 140 x 12 x 2430
 <2>1-H.Stiff PL 160 x 14 x 1339
 <3>1-H.Stiff PL 160 x 14 x 1215
 <4>2-H.Stiff PL 160 x 14 x 1158
 <5>1-H.Stiff PL 160 x 14 x 1224
 1-Spl PL 2307 x 9 x 630(SM490YA)
 1-Spl PL 2307 x 9 x 630(SM490YA)
 1-Fill PL 2303 x 2.3 x 315(SS400)
 192-TCB M22 x 70(S10T)

Top Long Rib Joint J17
(Numbers : 2)

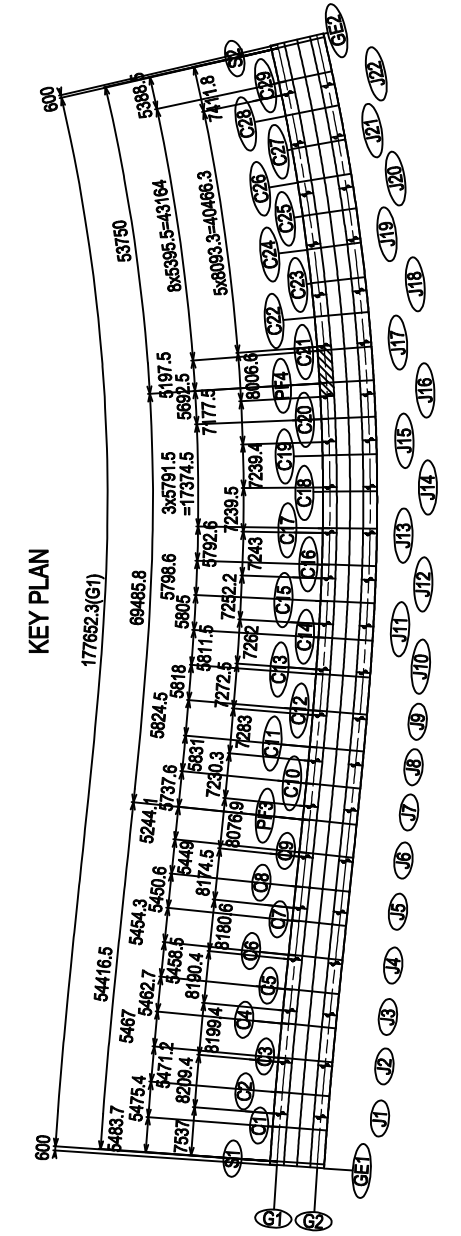


- 2-Spl PL 155 x 22 x 780(SM490YB)
 1-Fill PL 155 x 3.2 x 390(SS400)
 20-TCB M22 x 105(S10T)

Bot Long Rib Joint J17
(Numbers : 5)



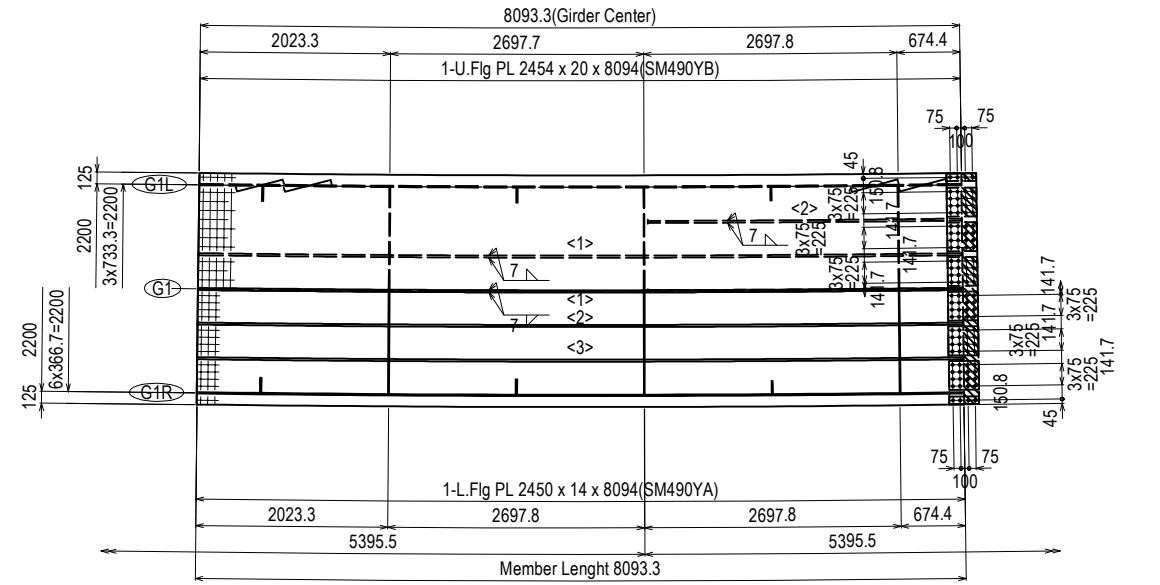
- 2-Spl PL 155 x 19 x 780(SM490YB)
 1-Fill PL 155 x 3.2 x 390(SS400)
 20-TCB M22 x 100(S10T)



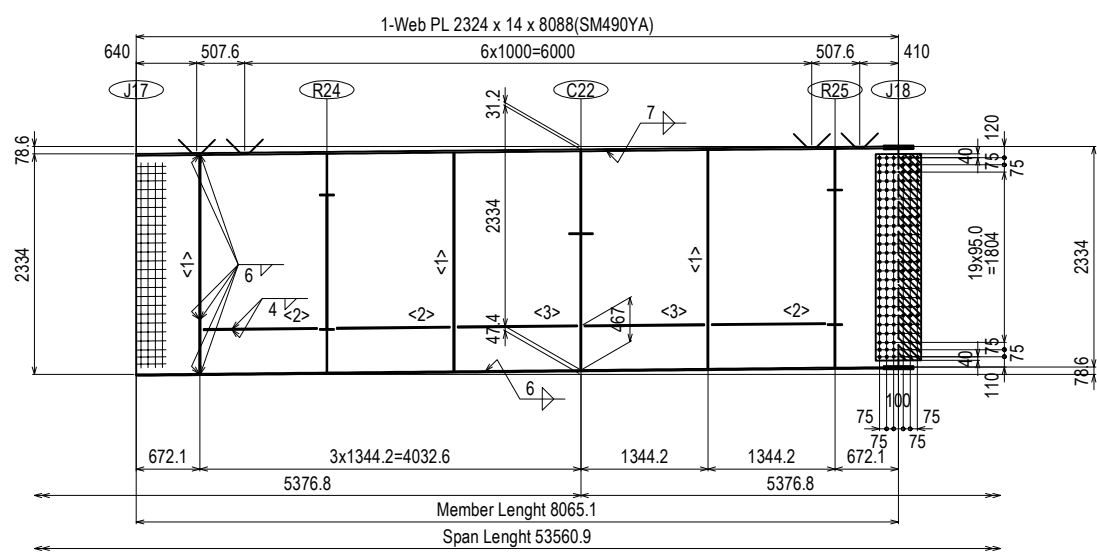
Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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>Y. SUZUKI</td> <td>14 Jul. 2017</td> </tr> <tr> <td>CHECKED BY</td> <td>T. HAYAKAWA</td> <td>20 Jul. 2017</td> </tr> <tr> <td>APPROVED BY</td> <td>Y. SANO</td> <td>25 Jul. 2017</td> </tr> </table>	NAME	SIGNATURE	DATE	PREPARED BY	Y. SUZUKI	14 Jul. 2017	CHECKED BY	T. HAYAKAWA	20 Jul. 2017	APPROVED BY	Y. SANO	25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (17)	PACKAGE 3 DWG No. P3-FO-1426
NAME	SIGNATURE	DATE																
PREPARED BY	Y. SUZUKI	14 Jul. 2017																
CHECKED BY	T. HAYAKAWA	20 Jul. 2017																
APPROVED BY	Y. SANO	25 Jul. 2017																

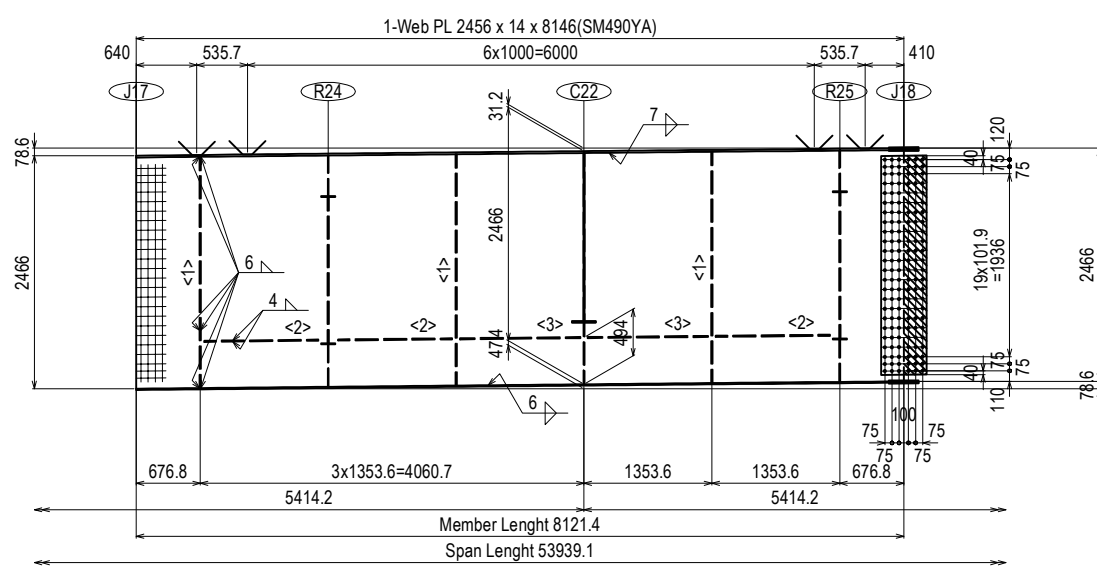
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (18) S=1:80



- <Upper Flg>
 18-RB φ16 x 600(SS400)
 <1> 1-Rib PL 230 x 22 x 8066(SM490YB)
 1-Rib PL 230 x 22 x 8085(SM490YB)
 <2> 1-Rib PL 230 x 22 x 3317(SM490YB)
 1-Rib PL 230 x 22 x 3325(SM490YB)
 1-Rib PL 230 x 22 x 3333(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 2-Fill PL 80 x 9 x 165(SS400)
 6-Fill PL 305 x 9 x 165(SS400)
 4-TCB M22 x 75(S10T)
 96-TCB M22 x 75(S10T)
 4-TCB M22 x 75(S10T)
- <Lower Flg>
 1-Rib PL 230 x 22 x 8057(SM490YB)
 1-Rib PL 230 x 22 x 8066(SM490YB)
 <1> 1-Rib PL 230 x 22 x 8075(SM490YB)
 <2> 1-Rib PL 230 x 22 x 8085(SM490YB)
 <3> 1-Rib PL 230 x 22 x 8094(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 1-Fill PL 2440 x 4.5 x 165(SS400)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)

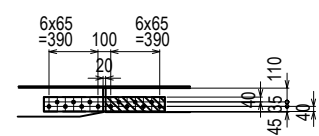


- <1> 3-V.Stiff PL 140 x 12 x 2322
 <2> 3-H.Stiff PL 140 x 12 x 1198
 <3> 2-H.Stiff PL 140 x 12 x 1264
 1-Spl PL 2188 x 9 x 480 (SM490YA)
 1-Spl PL 2188 x 9 x 480 (SM490YA)
 1-Fill PL 2186 x 2.3 x 240 (SS400)
 144-TCB M22 x 70 (S10T)



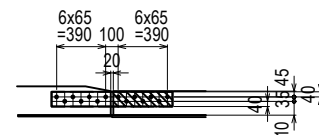
- <1> 3-V.Stiff PL 140 x 12 x 2446
 <2> 3-H.Stiff PL 140 x 12 x 1208
 <3> 2-H.Stiff PL 140 x 12 x 1273
 1-Spl PL 2320 x 9 x 480 (SM490YA)
 1-Spl PL 2320 x 9 x 480 (SM490YA)
 1-Fill PL 2318 x 2.3 x 240 (SS400)
 144-TCB M22 x 70 (S10T)

Top Long Rib Joint J18
(Numbers : 5)

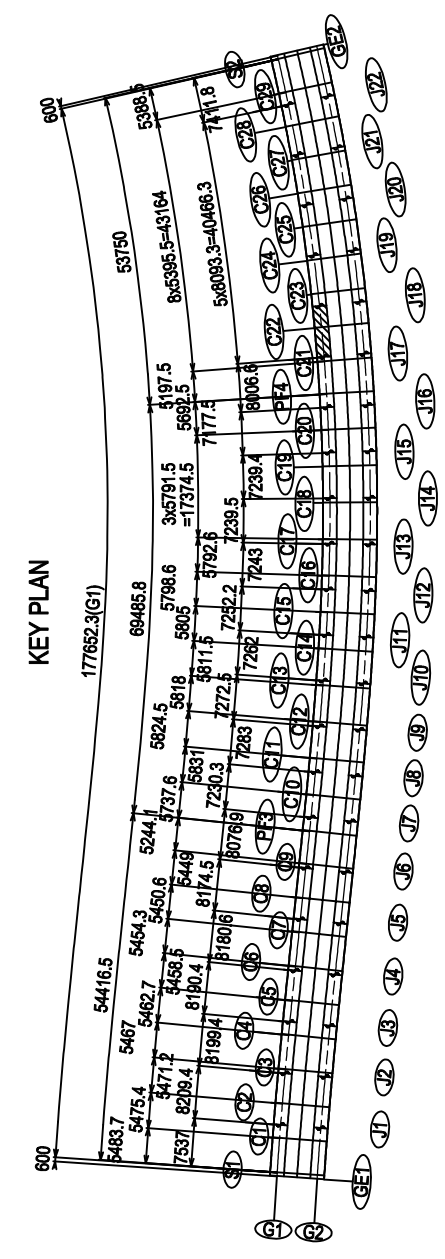


- 2-Spl PL 115 x 19 x 960(SM490YB)
 1-Fill PL 115 x 3.2 x 480(SS400)
 14-TCB M22 x 95(S10T)

Bot Long Rib Joint J18
(Numbers : 5)



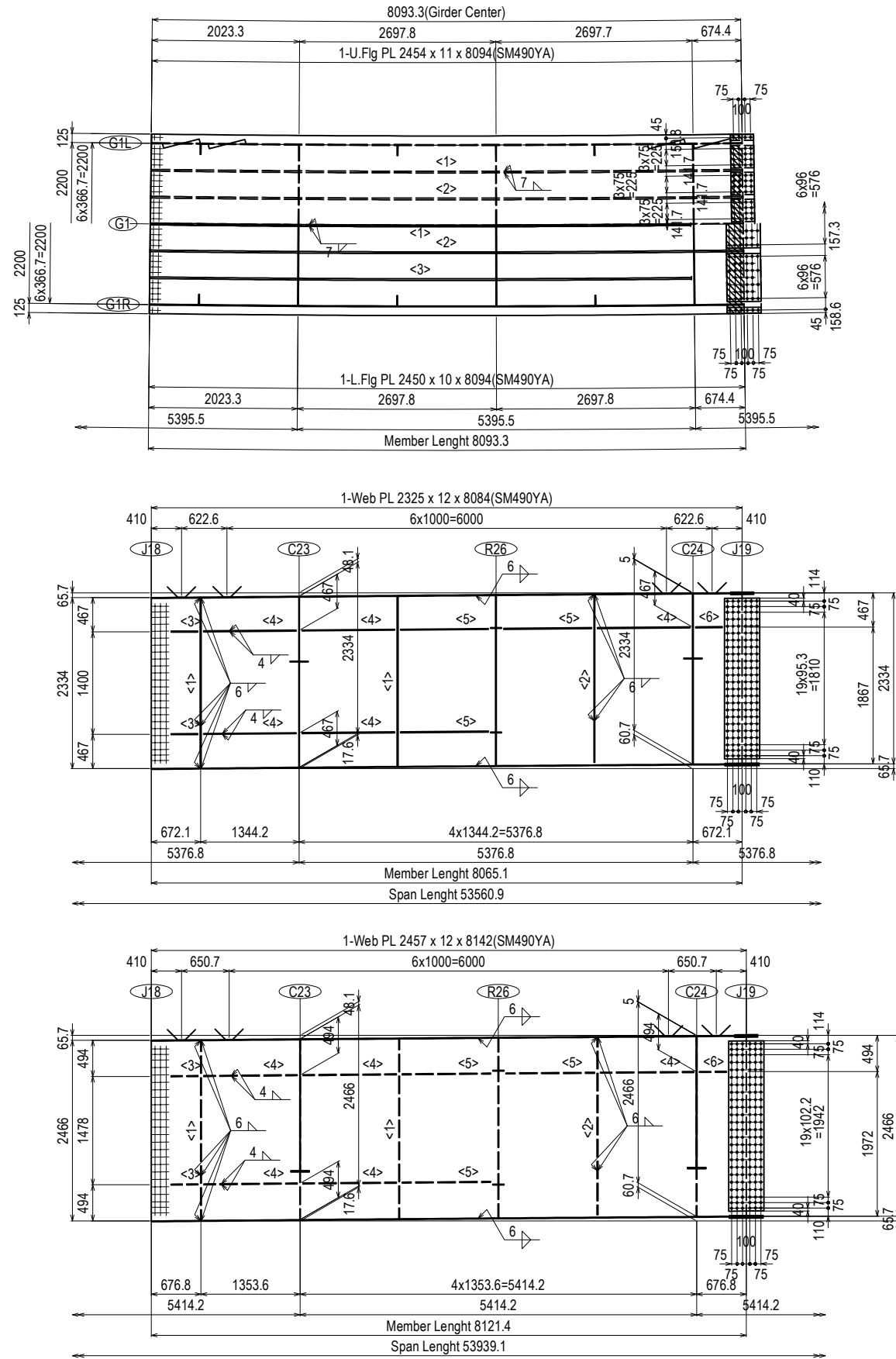
- 2-Spl PL 115 x 19 x 960(SM490YB)
 1-Fill PL 115 x 3.2 x 480(SS400)
 14-TCB M22 x 95(S10T)



- Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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 Y. SUZUKI T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (18)	PACKAGE 3 DWG No. P3-FO-1427
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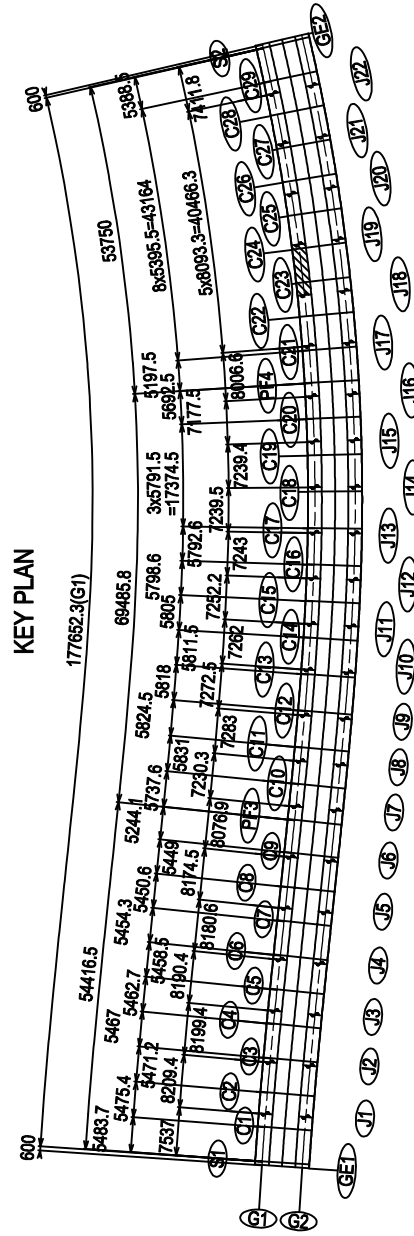
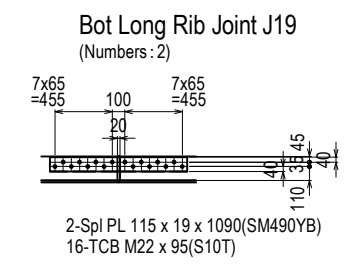
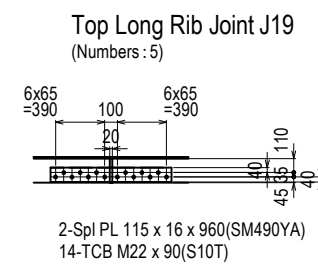
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (19) S=1:80



- <Upper Flg>**
 18-RB φ16 x 600(SS400)
 <1>1-Rib PL 190 x 19 x 8056(SM490YB)
 <2>1-Rib PL 190 x 19 x 8066(SM490YB)
 1-Rib PL 190 x 19 x 8075(SM490YB)
 1-Rib PL 190 x 19 x 8084(SM490YB)
 1-Rib PL 190 x 19 x 8094(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 2-Fill PL 80 x 3.2 x 165(SS400)
 6-Fill PL 305 x 3.2 x 165(SS400)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)
- <Lower Flg>**
 1-Rib PL 190 x 19 x 7354(SM490YB)
 1-Rib PL 190 x 19 x 8066(SM490YB)
 <1>1-Rib PL 190 x 19 x 7371(SM490YB)
 <2>1-Rib PL 190 x 19 x 8084(SM490YB)
 <3>1-Rib PL 190 x 19 x 7388(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 3-Spl PL 656 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 1-Fill PL 2440 x 6 x 240(SS400)
 6-TCB M22 x 70(S10T)
 108-TCB M22 x 70(S10T)
 6-TCB M22 x 70(S10T)

- <1>2-V.Stiff PL 140 x 12 x 2331
 <2>1-V.Stiff PL 140 x 12 x 2296
 <3>2-H.Stiff PL 140 x 12 x 361
 <4>5-H.Stiff PL 140 x 12 x 1264
 <5>3-H.Stiff PL 140 x 12 x 1198
 <6>1-H.Stiff PL 140 x 12 x 363
 1-Spl PL 2194 x 9 x 480(SM490YA)
 1-Spl PL 2194 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

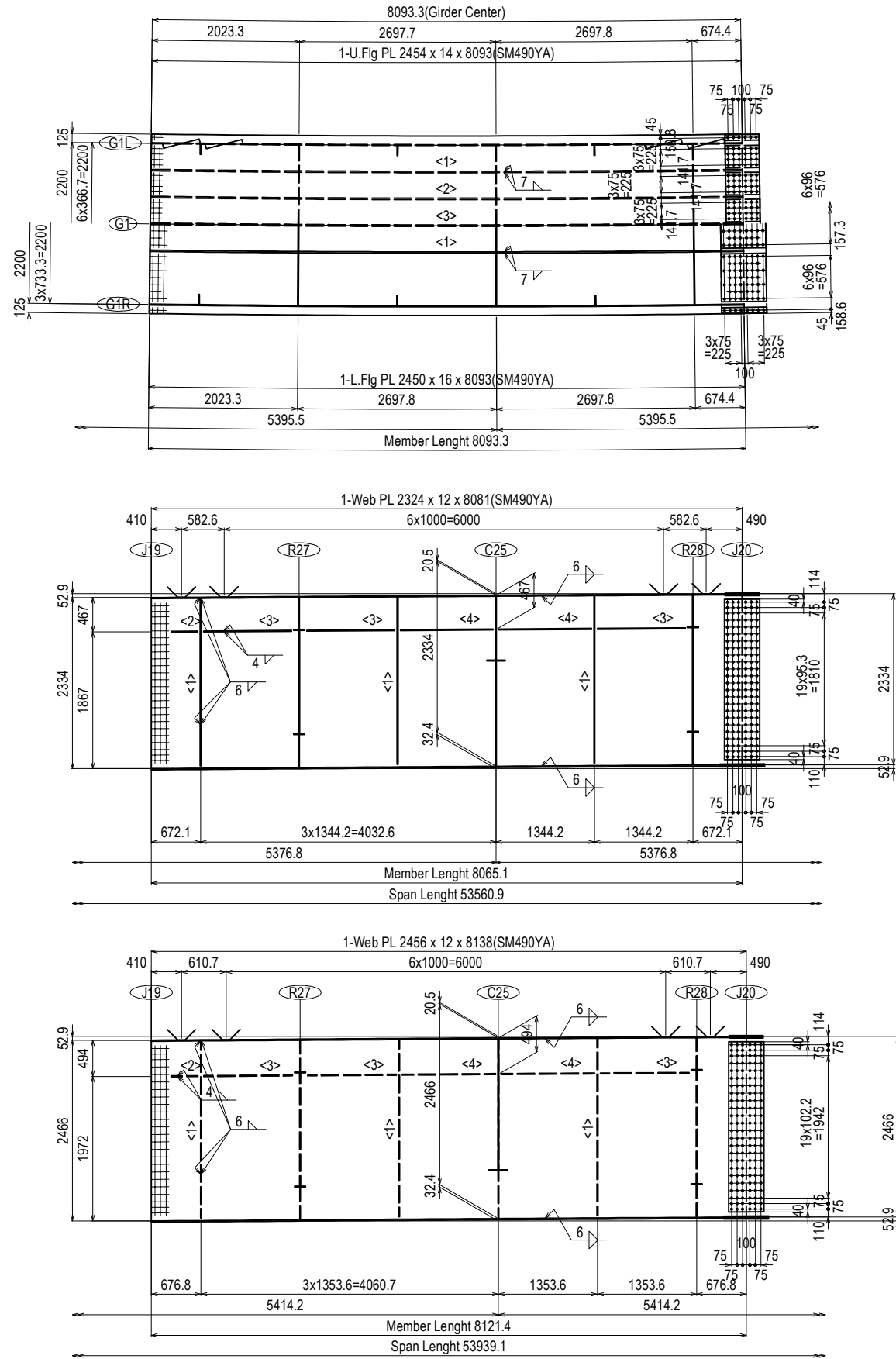
- <1>2-V.Stiff PL 140 x 12 x 2455
 <2>1-V.Stiff PL 140 x 12 x 2420
 <3>2-H.Stiff PL 140 x 12 x 366
 <4>5-H.Stiff PL 140 x 12 x 1273
 <5>3-H.Stiff PL 140 x 12 x 1208
 <6>1-H.Stiff PL 140 x 12 x 367
 1-Spl PL 2326 x 9 x 480(SM490YA)
 1-Spl PL 2326 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)



Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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	Y. SUZUKI				14 Jul. 2017
				CHECKED BY	T. HAYAKAWA				20 Jul. 2017
				APPROVED BY	Y. SANO				25 Jul. 2017
							DETAIL OF MAIN GIRDER G1 (PF2-PF5) (19)	3	
								DWG No.	
								P3-FO-1428	

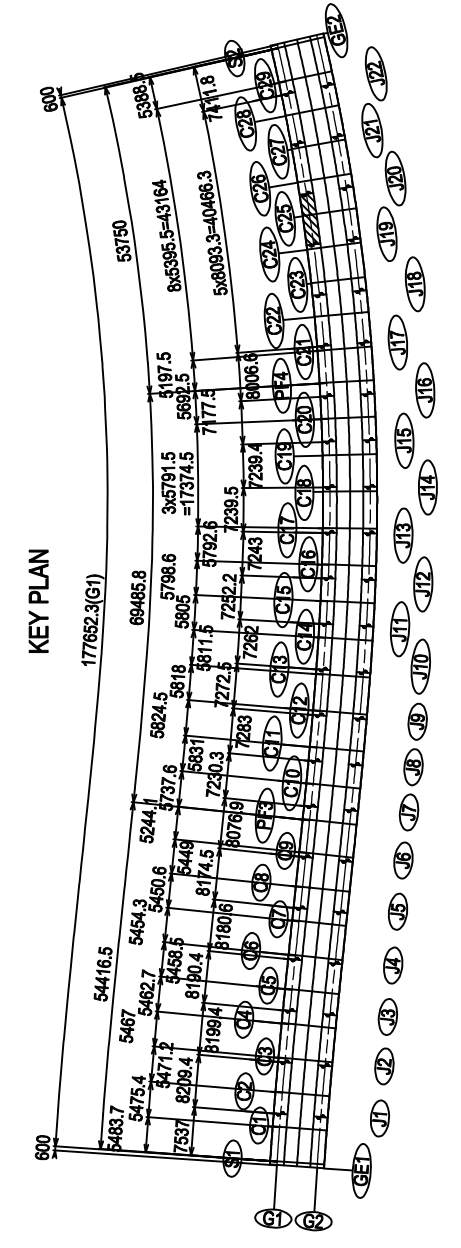
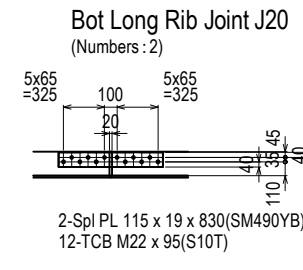
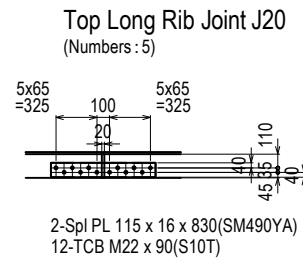
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (20) S=1:80



- <Upper Flg>**
 18-RB φ16 x 600(SS400)
 <1>1-Rib PL 190 x 19 x 8056(SM490YB)
 <2>1-Rib PL 190 x 19 x 8065(SM490YB)
 <3>1-Rib PL 190 x 19 x 8074(SM490YB)
 1-Rib PL 190 x 19 x 8084(SM490YB)
 1-Rib PL 190 x 19 x 8093(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 6-Spl PL 305 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 6-TCB M22 x 70(S10T)
 144-TCB M22 x 70(S10T)
 6-TCB M22 x 70(S10T)
- <Lower Flg>**
 1-Rib PL 190 x 19 x 8065(SM490YB)
 <1>1-Rib PL 190 x 19 x 8084(SM490YB)
 1-Spl PL 80 x 12 x 630(SM490YA)
 3-Spl PL 656 x 12 x 630(SM490YA)
 1-Spl PL 80 x 12 x 630(SM490YA)
 1-Spl PL 2440 x 9 x 630(SM490YA)
 8-TCB M22 x 75(S10T)
 150-TCB M22 x 75(S10T)
 8-TCB M22 x 75(S10T)

- <1>3-V.Stiff PL 140 x 12 x 2293
 <2>1-H.Stiff PL 140 x 12 x 361
 <3>3-H.Stiff PL 140 x 12 x 1198
 <4>2-H.Stiff PL 140 x 12 x 1264
 1-Spl PL 2193 x 9 x 480(SM490YA)
 1-Spl PL 2193 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

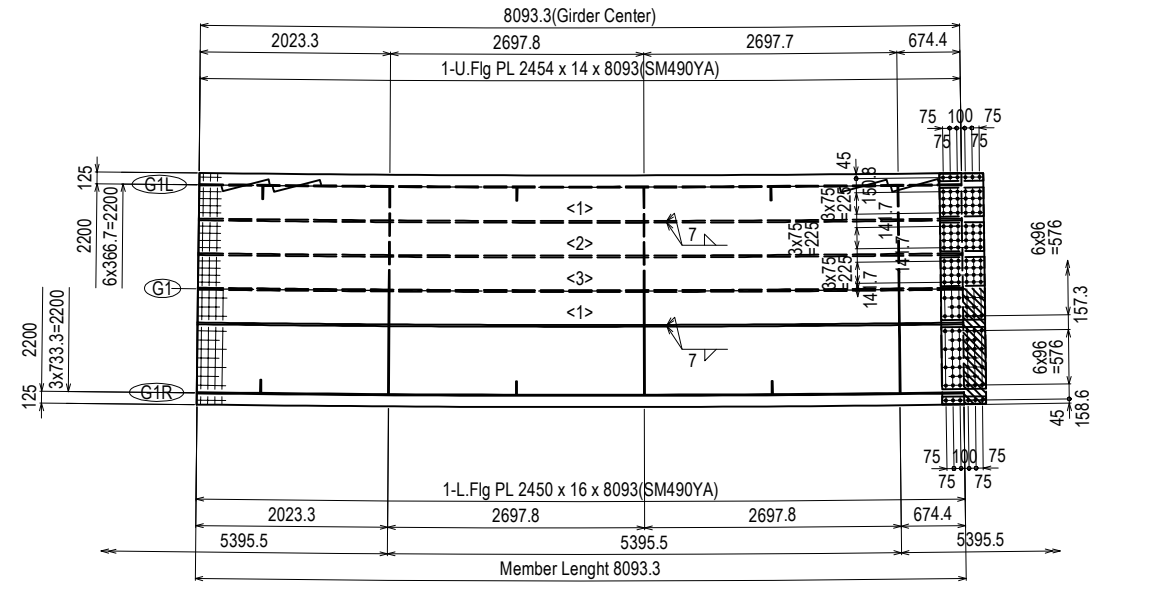
- <1>3-V.Stiff PL 140 x 12 x 2417
 <2>1-H.Stiff PL 140 x 12 x 366
 <3>3-H.Stiff PL 140 x 12 x 1208
 <4>2-H.Stiff PL 140 x 12 x 1273
 1-Spl PL 2325 x 9 x 480(SM490YA)
 1-Spl PL 2325 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)



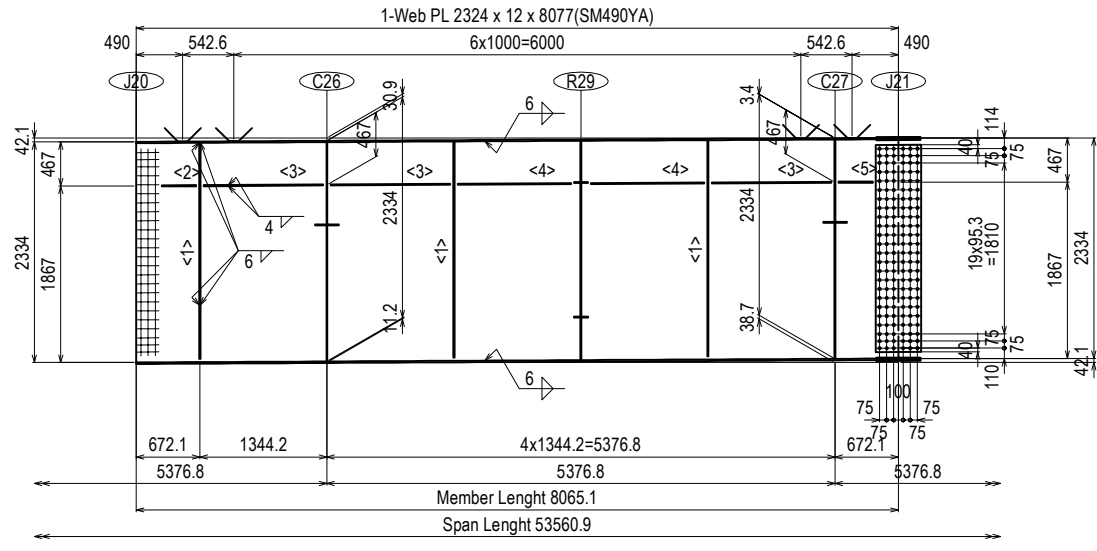
Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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 Y. SUZUKI CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (20)	PACKAGE 3 DWG No. P3-FO-1429
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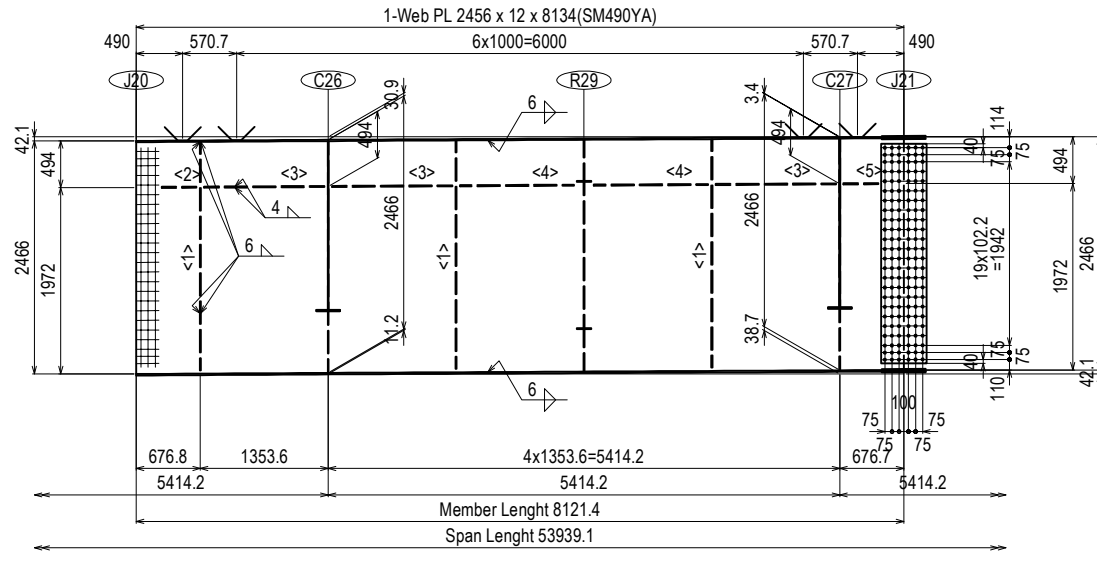
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (21) S=1:80



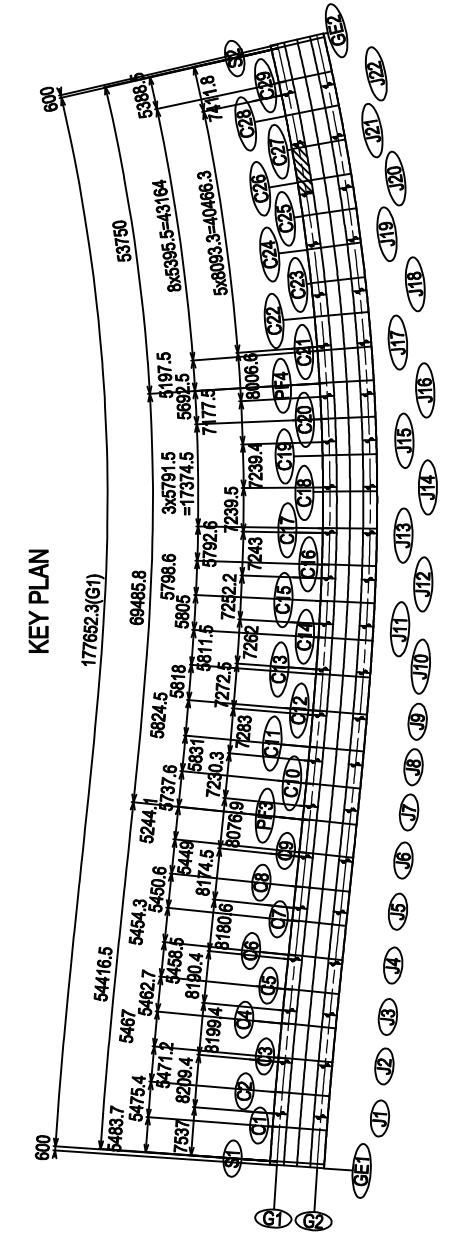
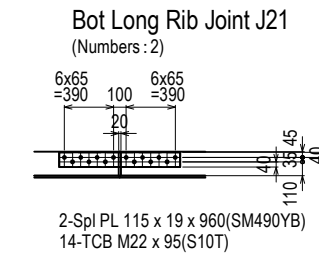
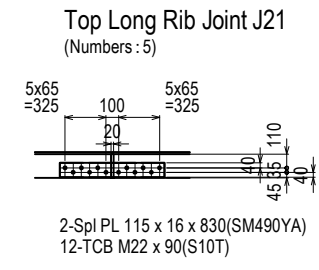
- <Upper Flg>**
 18-RB φ16 x 600(SS400)
 <1>1-Rib PL 190 x 19 x 8055(SM490YB)
 <2>1-Rib PL 190 x 19 x 8065(SM490YB)
 <3>1-Rib PL 190 x 19 x 8074(SM490YB)
 1-Rib PL 190 x 19 x 8083(SM490YB)
 1-Rib PL 190 x 19 x 8093(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 6-Spl PL 305 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 6-TCB M22 x 70(S10T)
 144-TCB M22 x 70(S10T)
 6-TCB M22 x 70(S10T)
- <Lower Flg>**
 1-Rib PL 190 x 19 x 8065(SM490YB)
 <1>1-Rib PL 190 x 19 x 8083(SM490YB)
 1-Spl PL 80 x 10 x 480(SM490YA)
 3-Spl PL 656 x 10 x 480(SM490YA)
 1-Spl PL 80 x 10 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 1-Fill PL 2440 x 2.3 x 240(SS400)
 6-TCB M22 x 70(S10T)
 108-TCB M22 x 70(S10T)
 6-TCB M22 x 70(S10T)



- <1>3-V.Stiff PL 140 x 12 x 2293
 <2>1-H.Stiff PL 140 x 12 x 361
 <3>3-H.Stiff PL 140 x 12 x 1264
 <4>2-H.Stiff PL 140 x 12 x 1198
 <5>1-H.Stiff PL 140 x 12 x 363
 1-Spl PL 2192 x 9 x 480(SM490YA)
 1-Spl PL 2192 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)



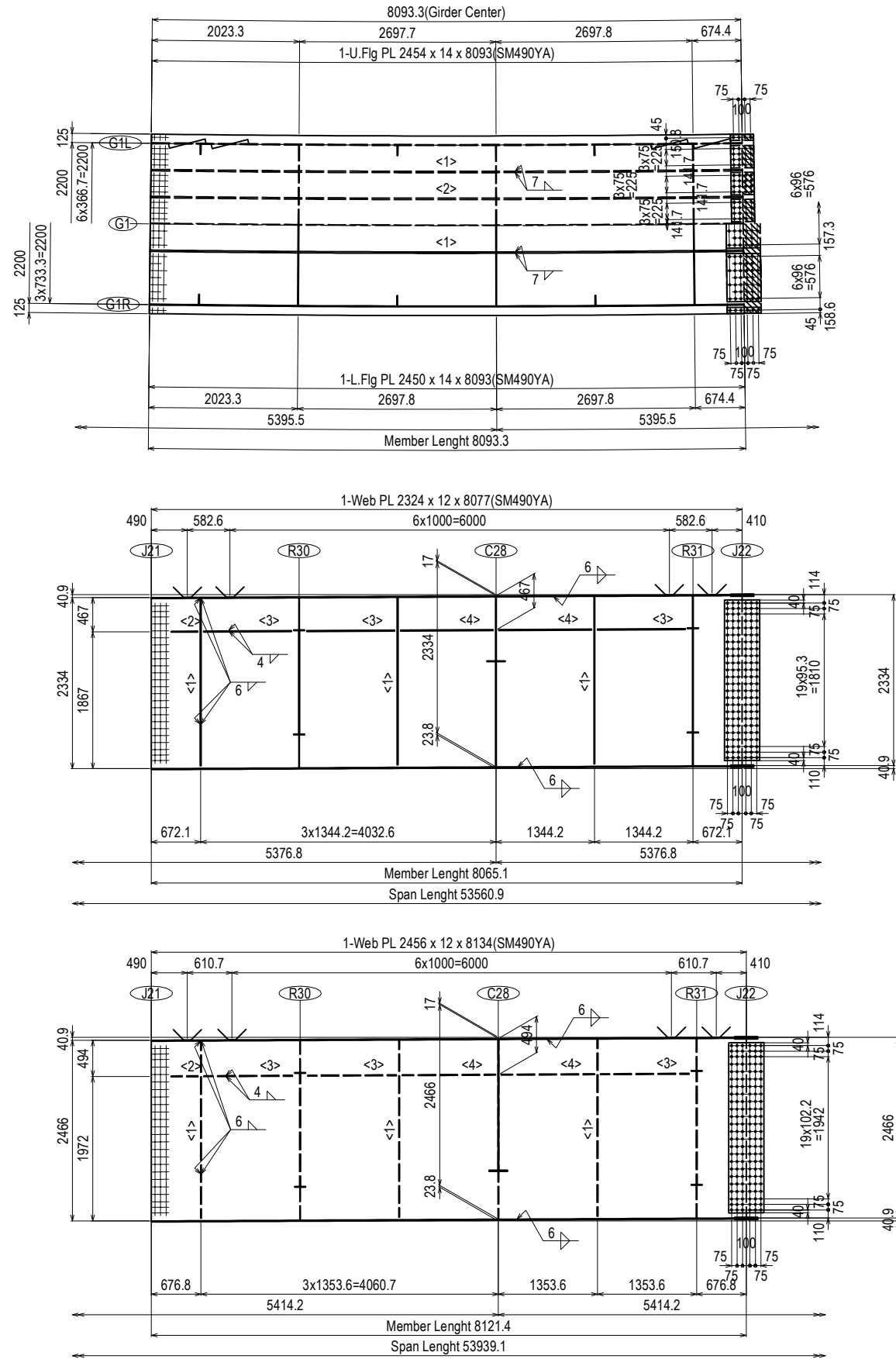
- <1>3-V.Stiff PL 140 x 12 x 2417
 <2>1-H.Stiff PL 140 x 12 x 366
 <3>3-H.Stiff PL 140 x 12 x 1273
 <4>2-H.Stiff PL 140 x 12 x 1208
 <5>1-H.Stiff PL 140 x 12 x 367
 1-Spl PL 2324 x 9 x 480(SM490YA)
 1-Spl PL 2324 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)



Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	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 Y. SUZUKI CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE 	DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (21)	PACKAGE 3 DWG No. P3-FO-1430
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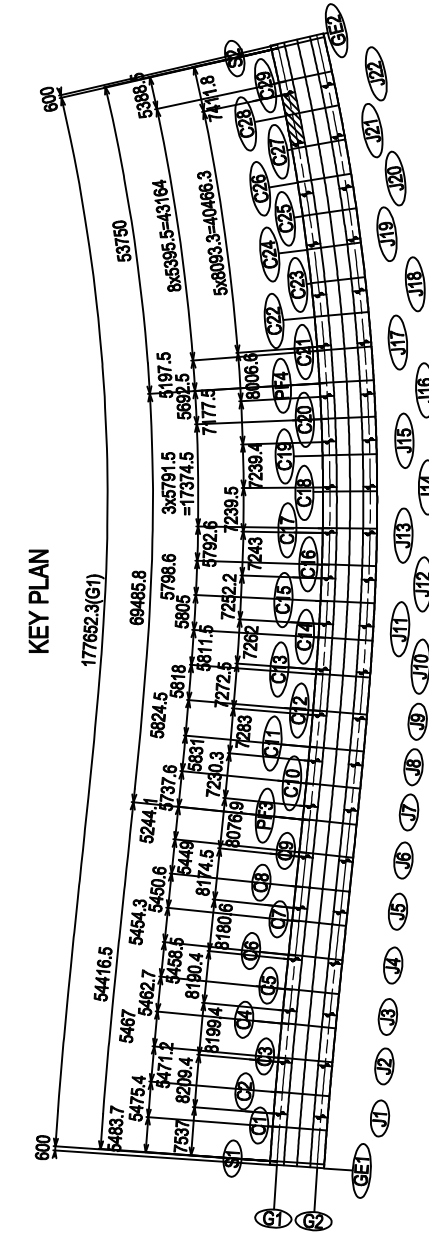
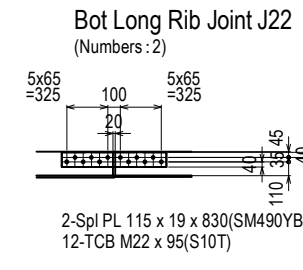
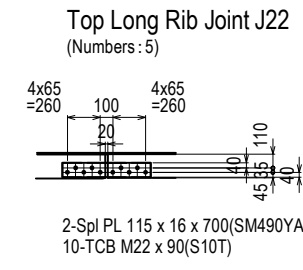
DETAIL OF MAIN GIRDER G1 (PF2-PF5) (22) S=1:80



- <Upper Flg>
 18-RB φ16 x 600(SS400)
 <1>1-Rib PL 190 x 19 x 8055(SM490YB)
 <2>1-Rib PL 190 x 19 x 8065(SM490YB)
 1-Rib PL 190 x 19 x 8074(SM490YB)
 1-Rib PL 190 x 19 x 8083(SM490YB)
 1-Rib PL 190 x 19 x 8093(SM490YB)
 1-Spl PL 80 x 9 x 330(SM490YA)
 6-Spl PL 305 x 9 x 330(SM490YA)
 1-Spl PL 80 x 9 x 330(SM490YA)
 1-Spl PL 2440 x 9 x 330(SM490YA)
 2-Fill PL 80 x 4.5 x 165(SS400)
 6-Fill PL 305 x 4.5 x 165(SS400)
 4-TCB M22 x 70(S10T)
 96-TCB M22 x 70(S10T)
 4-TCB M22 x 70(S10T)
- <Lower Flg>
 1-Rib PL 190 x 19 x 8065(SM490YB)
 <1>1-Rib PL 190 x 19 x 8083(SM490YB)
 1-Spl PL 80 x 9 x 480(SM490YA)
 3-Spl PL 656 x 9 x 480(SM490YA)
 1-Spl PL 80 x 9 x 480(SM490YA)
 1-Spl PL 2440 x 9 x 480(SM490YA)
 1-Fill PL 2440 x 4.5 x 240(SS400)
 6-TCB M22 x 70(S10T)
 108-TCB M22 x 70(S10T)
 6-TCB M22 x 70(S10T)

- <1>3-V.Stiff PL 140 x 12 x 2293
 <2>1-H.Stiff PL 140 x 12 x 361
 <3>3-H.Stiff PL 140 x 12 x 1198
 <4>2-H.Stiff PL 140 x 12 x 1264
 1-Spl PL 2192 x 9 x 480(SM490YA)
 1-Spl PL 2192 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

- <1>3-V.Stiff PL 140 x 12 x 2417
 <2>1-H.Stiff PL 140 x 12 x 366
 <3>3-H.Stiff PL 140 x 12 x 1208
 <4>2-H.Stiff PL 140 x 12 x 1273
 1-Spl PL 2324 x 9 x 480(SM490YA)
 1-Spl PL 2324 x 9 x 480(SM490YA)
 144-TCB M22 x 65(S10T)

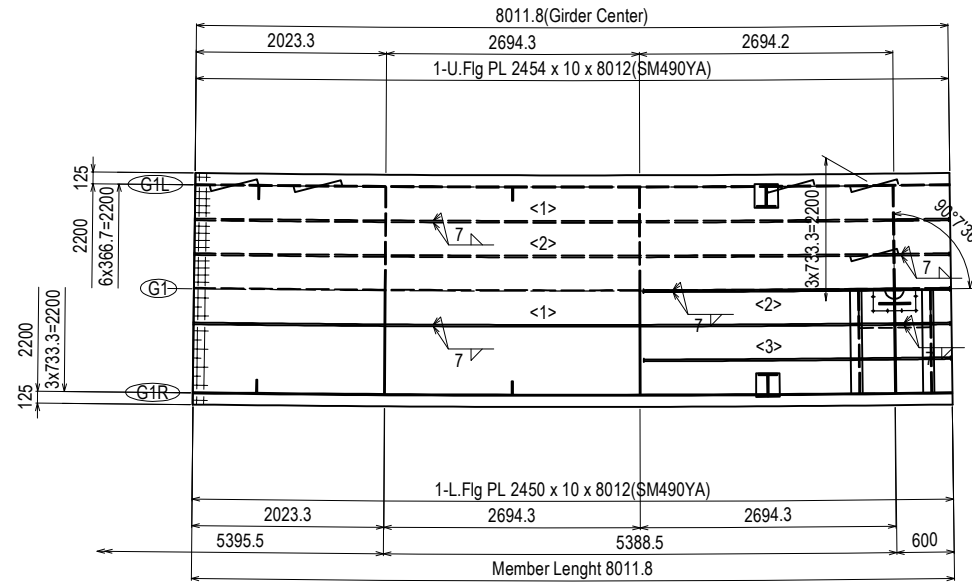


Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

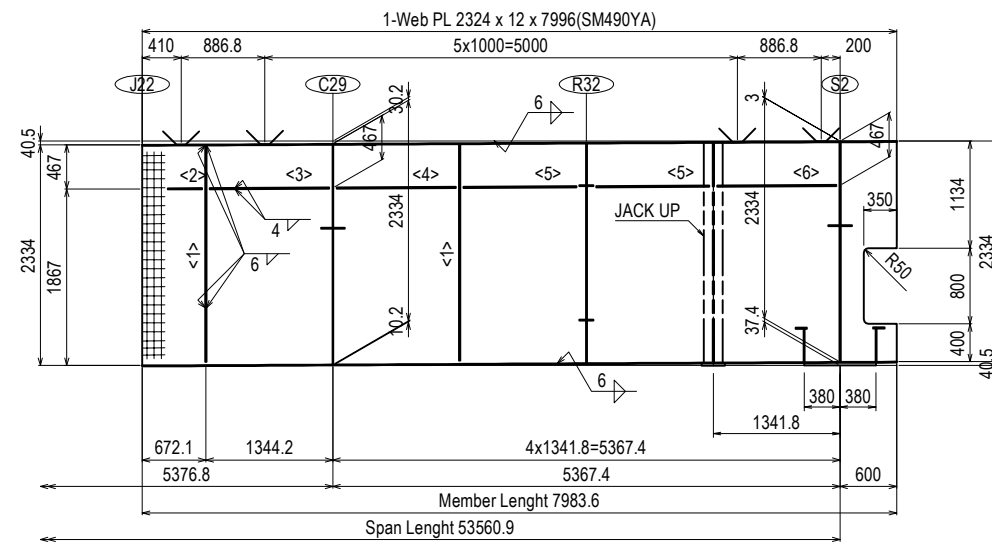
PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT	FINANCED BY JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME Y. SUZUKI T. HAYAKAWA Y. SANO	SIGNATURE 	DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (22)	PACKAGE 3 DWG No. P3-FO-1431
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DETAIL OF MAIN GIRDER G1 (PF2-PF5) (23)

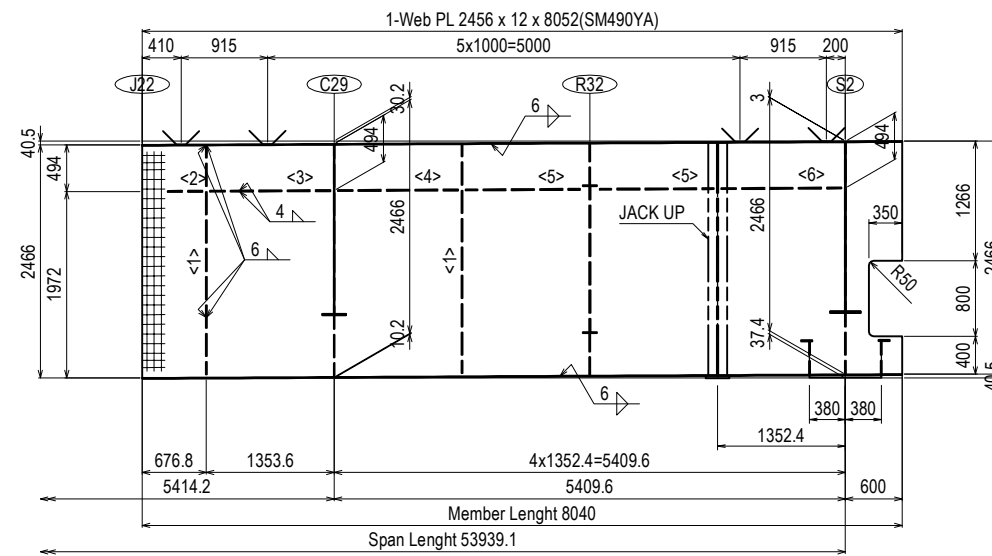
S=1:80



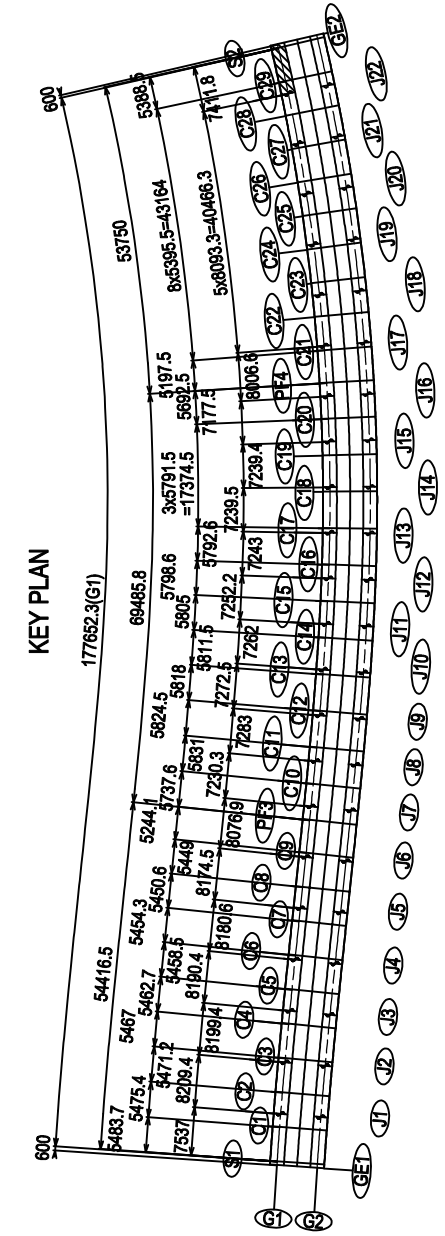
<Upper Flg>
 18-RB φ16 x 600(SS400)
 <1>1-Rib PL 190 x 19 x 7970(SM490YB)
 <2>1-Rib PL 190 x 19 x 7979(SM490YB)
 1-Rib PL 190 x 19 x 7989(SM490YB)
 1-Rib PL 190 x 19 x 7998(SM490YB)
 1-Rib PL 190 x 19 x 8007(SM490YB)
 <Lower Flg>
 1-Rib PL 190 x 19 x 7979(SM490YB)
 <1>1-Rib PL 190 x 19 x 7998(SM490YB)
 1-Rib PL 190 x 19 x 3235(SM490YB)
 <2>1-Rib PL 190 x 19 x 3242(SM490YB)
 <3>1-Rib PL 190 x 19 x 3249(SM490YB)
 1-Sole PL 810 x 28 x 760(SM490B)



<1>2-V.Stiff PL 140 x 12 x 2297
 <2>1-H.Stiff PL 140 x 12 x 361
 <3>1-H.Stiff PL 140 x 12 x 1264
 <4>1-H.Stiff PL 140 x 12 x 1261
 <5>2-H.Stiff PL 140 x 12 x 1196
 <6>1-H.Stiff PL 140 x 12 x 1260



<1>2-V.Stiff PL 140 x 12 x 2421
 <2>1-H.Stiff PL 140 x 12 x 366
 <3>1-H.Stiff PL 140 x 12 x 1273
 <4>1-H.Stiff PL 140 x 12 x 1272
 <5>2-H.Stiff PL 140 x 12 x 1206
 <6>1-H.Stiff PL 140 x 12 x 1270



Note
 1. All material without the reports is made SM400A
 2. + : High-tension bolt M22 (S10T)
 3. All scar laps without the reports are made R35

PROJECT NAME DETAILED DESIGN ON BAGO RIVER BRIDGE CONSTRUCTION PROJECT		FINANCED BY JICA JAPAN INTERNATIONAL COOPERATION AGENCY	COUNTERPART REPUBLIC OF THE UNION OF MYANMAR MINISTRY OF CONSTRUCTION DEPARTMENT OF BRIDGE	JICA STUDY TEAM NIPPON KOEI CO., LTD. ORIENTAL CONSULTANTS GLOBAL CO., LTD. METROPOLITAN EXPRESSWAY COMPANY LIMITED CHODAI CO., LTD. NIPPON ENGINEERING CONSULTANTS CO., LTD.	NAME PREPARED BY Y. SUZUKI CHECKED BY T. HAYAKAWA APPROVED BY Y. SANO	SIGNATURE <i>[Signature]</i> <i>[Signature]</i> <i>[Signature]</i>	DATE 14 Jul. 2017 20 Jul. 2017 25 Jul. 2017	DRAWING TITLE DETAIL OF MAIN GIRDER G1 (PF2-PF5) (23)	PACKAGE 3 DWG No. P3-FO-1432
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