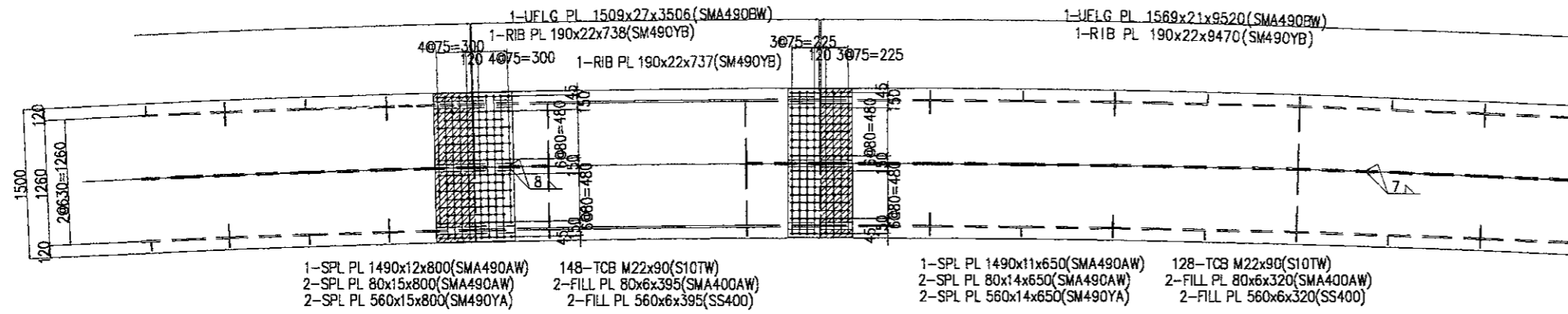


- NOTES :
1. MARK "+" SHALL BE HIGH TENSION TORSION TYPE BOLT
 2. ALL SCARE LOOPS SHALL BE 35 RADIUS UNLESS OTHERWISE NOTED
 3. SPLICE HOLES IN FLANGE RIB PLATES SHALL BE D=26.50

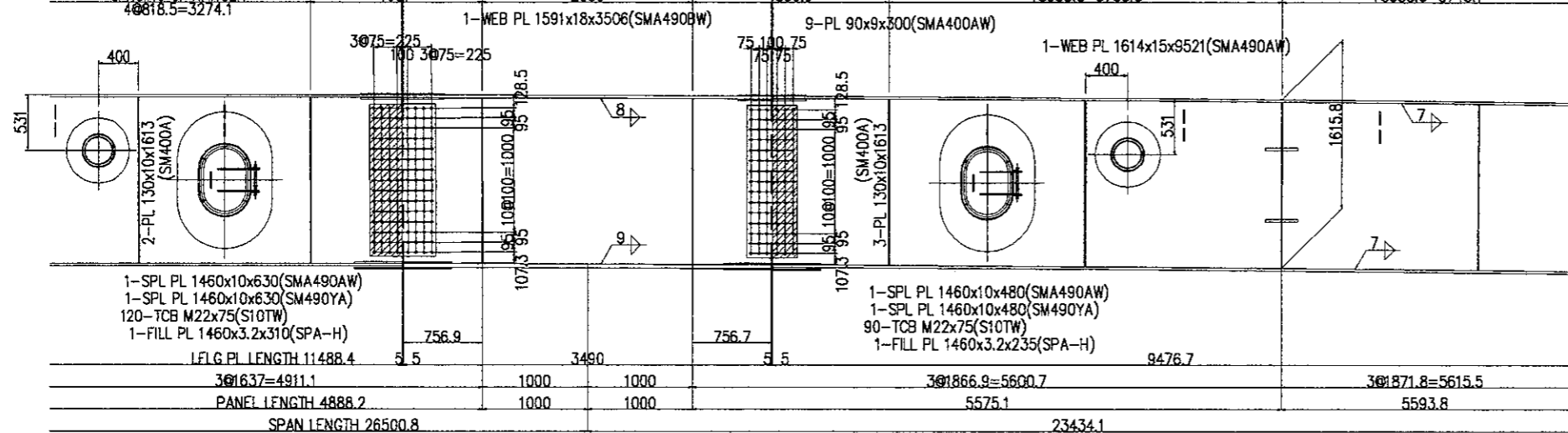
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign	Sign	Sign
Date	Date	Date

APPROVED BY
 Ir. HERRY VAZA M, Eng.Sc
 NIP. : 110038400



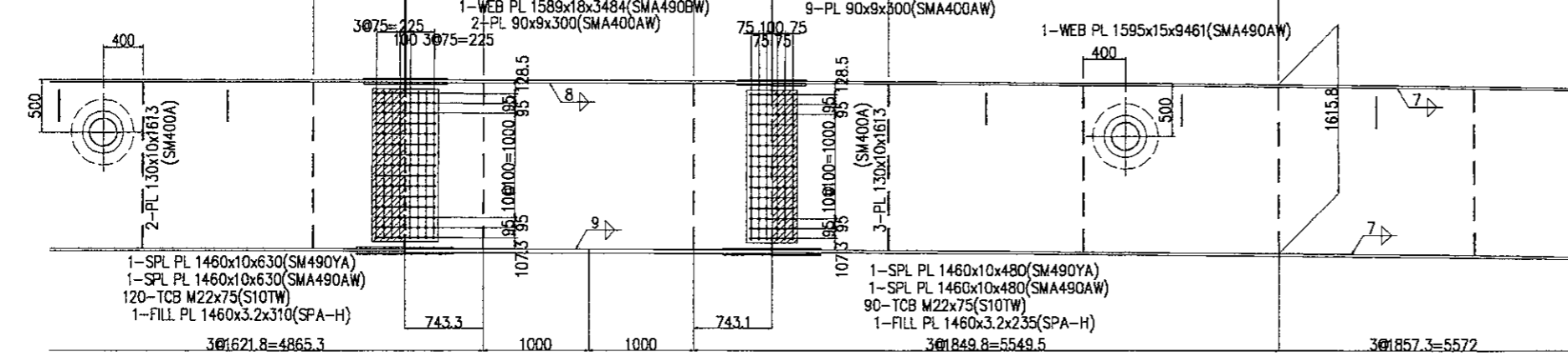
1-SPL PL 1490x12x800(SMA490AW)	148-TCB M22x90(S10TW)	1-SPL PL 1490x11x650(SMA490AW)	128-TCB M22x90(S10TW)
2-SPL PL 80x15x800(SMA490AW)	2-FILL PL 80x6x395(SMA400AW)	2-SPL PL 80x14x650(SMA490AW)	2-FILL PL 80x6x320(SMA400AW)
2-SPL PL 560x15x800(SM490YA)	2-FILL PL 560x6x395(SS400)	2-SPL PL 560x14x650(SM490YA)	2-FILL PL 560x6x320(SS400)

MEMBER LENGTH 11498.4	3500	GIRDER LENGTH 101263.2		9486.7
WEB PL LENGTH 11533.1	5.5	3503.6	5.5	9513.6
UFLG PL LENGTH 11488.4	5.5	3490	5.5	9476.7
SPACING OF HANGER 4@818.5=3274.1	1637	2000	1866.9	4@933.5=3733.8
				4@935.9=3743.7



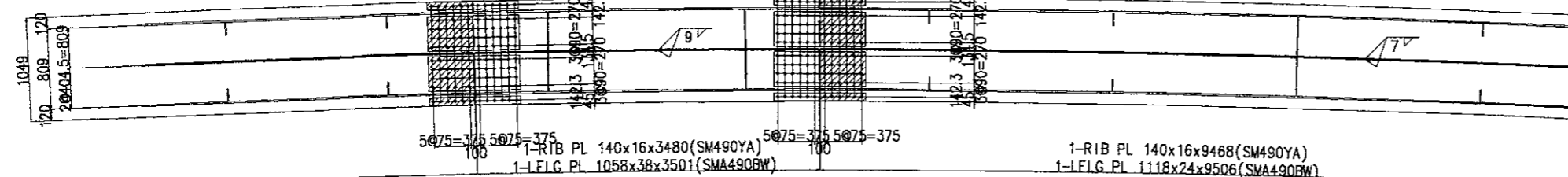
1-SPL PL 1460x10x630(SMA490AW)	1077.3	95	1000	95	1077.3	1-SPL PL 1460x10x480(SMA490AW)	9476.7
1-SPL PL 1460x10x630(SM490YA)						1-SPL PL 1460x10x480(SMA490YA)	
120-TCB M22x75(S10TW)						90-TCB M22x75(S10TW)	
1-FILL PL 1460x3.2x310(SPA-H)						1-FILL PL 1460x3.2x235(SPA-H)	
LFLG PL LENGTH 11488.4	5.5	3490	5.5				
3@1637=4911.1		1000	1000			3@1866.9=5600.7	3@1871.8=5615.5
PANEL LENGTH 4888.2		1000	1000			5575.1	5593.8
SPAN LENGTH 26500.8						23434.1	

WEB PL LENGTH 11443.6	5.5	3476.4	5.5	9439.7
SPACING OF HANGER 4@810.9=3243.5	1621.8	PART OF COPPING	1849.8	4@924.9=3699.7
				4@928.7=3714.7



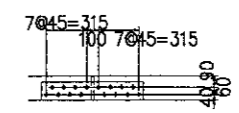
1-SPL PL 1460x10x630(SMA490YA)	1077.3	95	1000	95	1077.3	1-SPL PL 1460x10x480(SMA490YA)	3@1857.3=5572
1-SPL PL 1460x10x630(SMA490AW)						1-SPL PL 1460x10x480(SMA490AW)	
120-TCB M22x75(S10TW)						90-TCB M22x75(S10TW)	
1-FILL PL 1460x3.2x310(SPA-H)						1-FILL PL 1460x3.2x235(SPA-H)	
3@1621.8=4865.3		1000	1000			3@1849.8=5549.5	

4-SPL PL 80x14x930(SMA490AW)	2-FILL PL 80x16x460(SMA400AW)	4-SPL PL 80x14x930(SMA490AW)	2-FILL PL 80x14x460(SMA400AW)
2-SPL PL 350x14x930(SMA490YA)	2-FILL PL 350x16x460(SMA400AW)	2-SPL PL 350x14x930(SMA490YA)	2-FILL PL 350x14x460(SMA400AW)
2-SPL PL 350x14x930(SMA490AW)		2-SPL PL 350x14x930(SMA490AW)	
120-TCB M22x105(S10TW)		120-TCB M22x105(S10TW)	

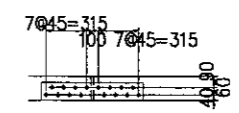


5@75=375	5@75=375	1-RIB PL 140x16x3480(SM490YA)	5@75=375	5@75=375
		1-FILG PL 1058x38x3501(SMA490BW)		
		1-RIB PL 140x16x9468(SM490YA)		
		1-FILG PL 1118x24x9506(SMA490BW)		

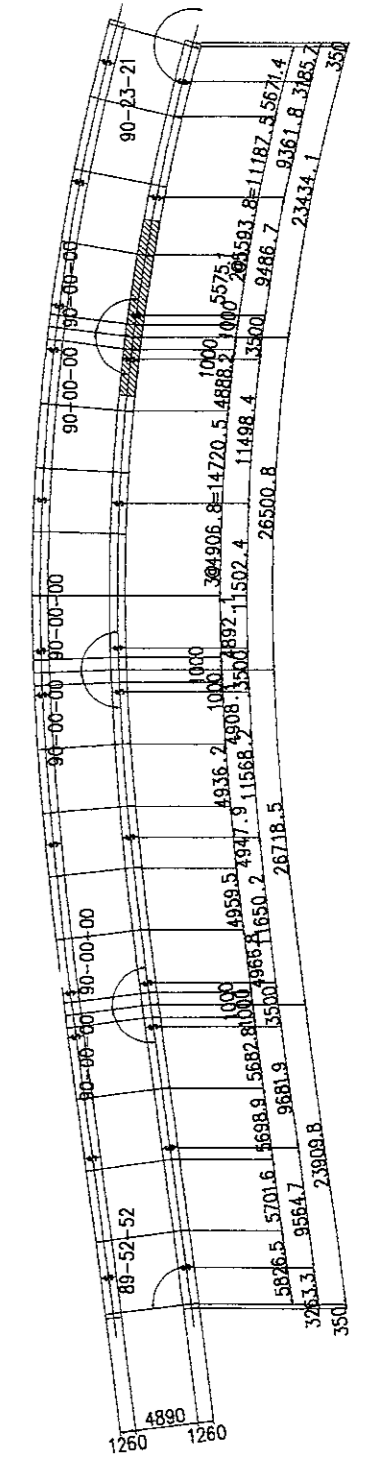
<J-9 UFLG>
 2-SPL PL 140x16x810(SM490YA)
 16-TCB M22x90(S10T)



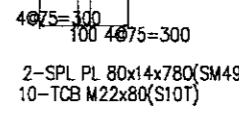
<J-10 UFLG>
 2-SPL PL 140x17x810(SM490YB)
 16-TCB M22x95(S10T)



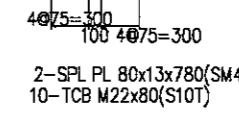
KEY PLAN



<J-9 LFLG>
 4@75=300
 100 4@75=300

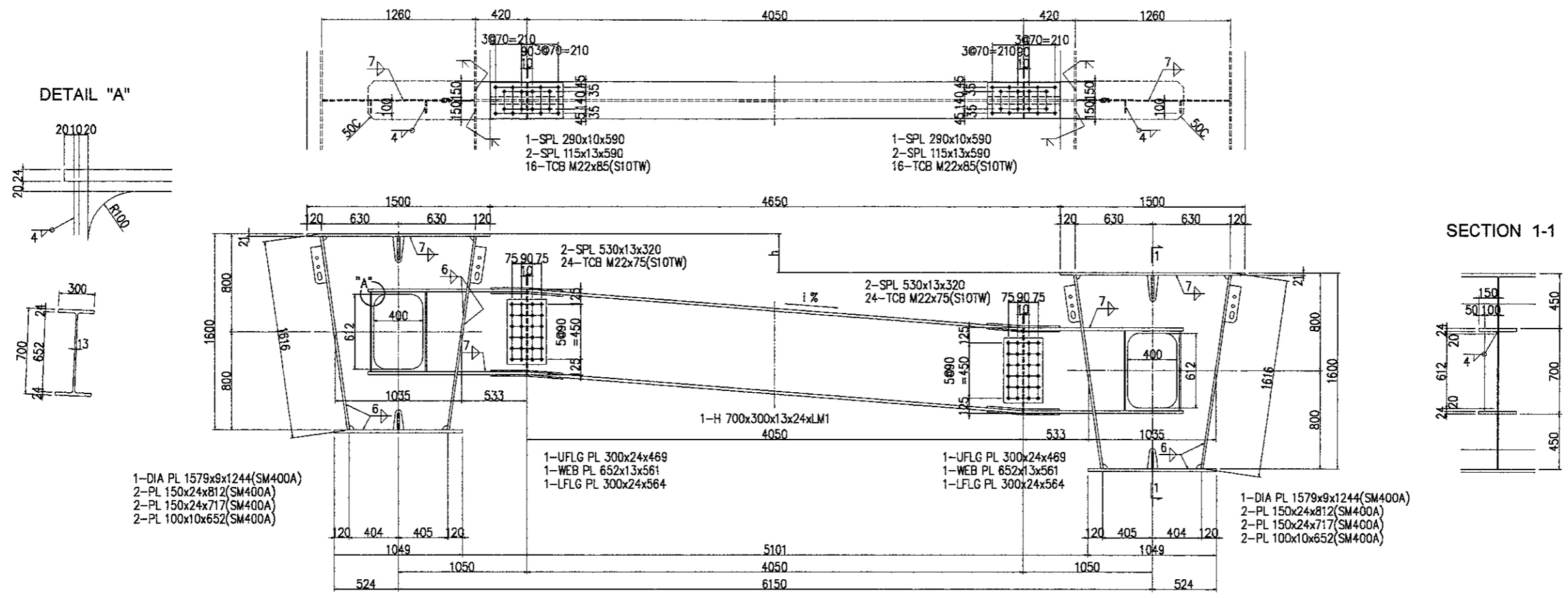


<J-10 LFLG>
 4@75=300
 100 4@75=300

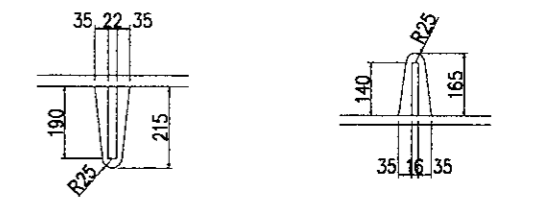


- NOTES :
1. MARK "+" SHALL BE HIGH TENSION TORSION TYPE BOLT
 2. ALL SCARE LOOPS SHALL BE 35 RADIUS UNLESS OTHERWISE NOTED
 3. SPLICE HOLES IN FLANGE RIB PLATES SHALL BE D=26.50

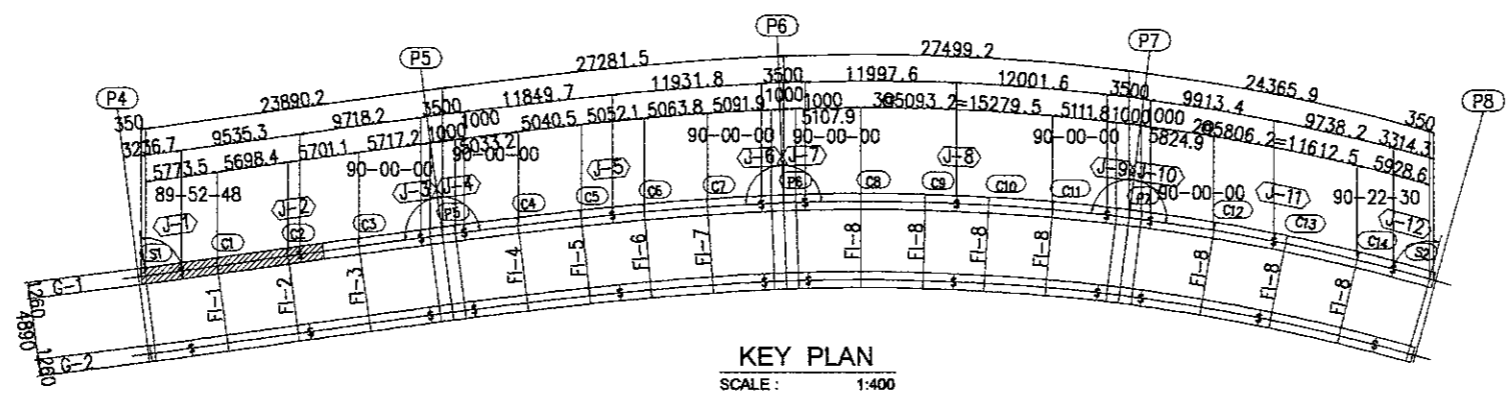
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign: _____	Sign: _____	Sign: _____
Date: _____	Date: _____	Date: _____



	FI-1	FI-2	FI-3	FI-4	FI-5	FI-6	FI-7	FI-8
LM1	4073	4066	4055	4053	4065	4075	4085	4106
i	-2.74	-2.22	-1.34	1.20	2.15	2.89	3.62	5.10
h	-169	-137	-82	74	132	178	223	314
NO.	1	1	1	1	1	1	1	7

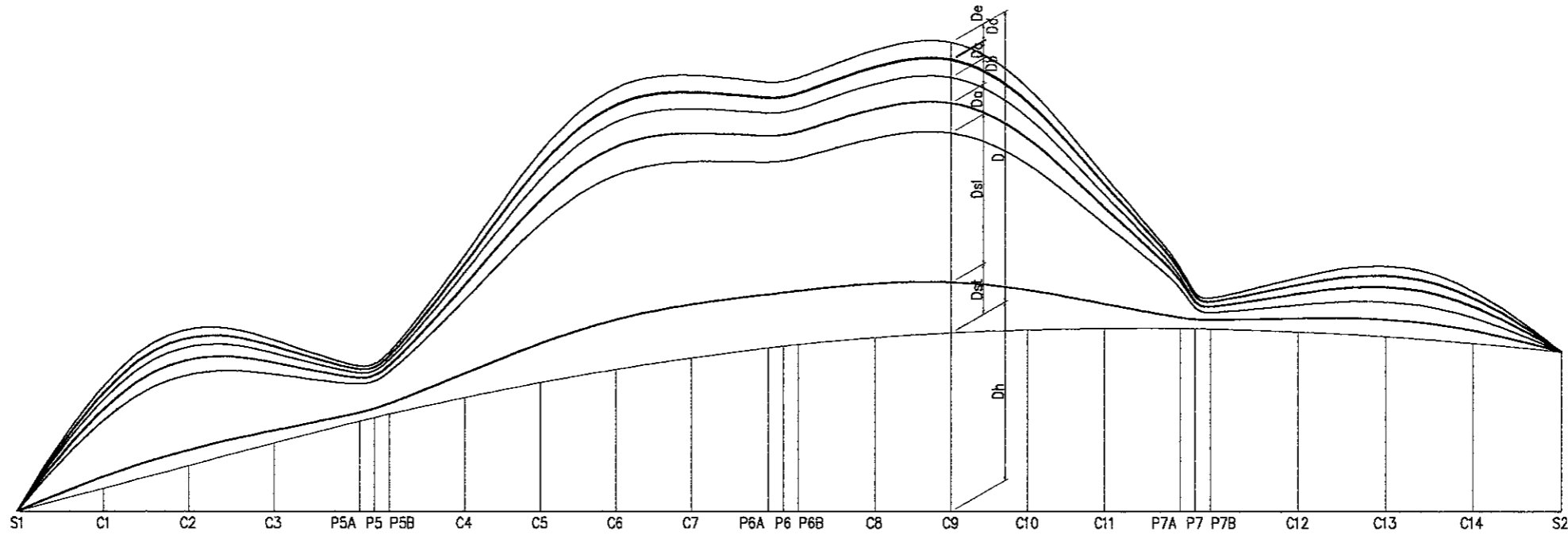


SCARE LOOPS FOR RIB PLATE
 SCALE : 1:20



NOTE :

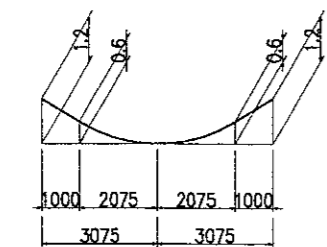
- ALL STEEL GRADE SHALL BE SMA400AW UNLESS OTHERWISE NOTED
- MARK "+" SHALL BE HIGH TENSION TORSION TYPE BOLT
- ALL SCARE LOOPS SHALL BE 35 RADIUS UNLESS OTHERWISE NOTED



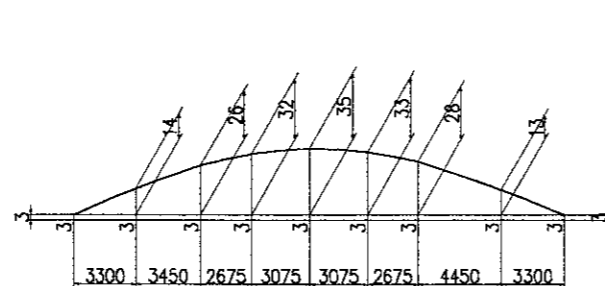
	S1	C1	C2	C3	P5A	P5	P5B	C4	C5	C6	C7	P6A	P6	P6B	C8	C9	C10	C11	P7A	P7	P7B	C12	C13	C14	S2	
GIRDER G1																										
Dh	0.0	306.0	607.0	913.2	1202.2	1249.9	1296.8	1520.1	1721.1	1895.0	2048.3	2181.5	2204.8	2228.1	2323.3	2384.0	2424.1	2443.6	2442.5	2439.9	2436.4	2400.7	2338.2	2249.1	2130.4	
Dst	0.0	1.9	2.3	1.7	1.1	1.2	1.4	3.2	5.4	6.8	7.3	7.1	7.1	7.1	7.3	6.9	5.5	3.2	1.4	1.2	1.2	1.8	2.5	2.0	0.0	
Dsl	0.0	9.0	11.3	7.5	3.6	3.6	4.0	9.6	16.5	19.9	19.2	17.5	17.6	17.6	19.5	20.6	17.4	10.5	4.7	4.4	4.4	8.9	13.0	10.3	0.0	
Da	0.0	1.8	2.2	1.5	0.7	0.7	0.8	1.9	3.3	3.9	3.8	3.4	3.4	3.4	3.8	4.1	3.5	2.1	1.0	0.9	0.9	1.8	2.6	2.1	0.0	
Db	0.0	1.6	2.0	1.3	0.6	0.6	0.7	1.7	2.8	3.4	3.3	3.0	3.0	3.0	3.3	3.5	2.9	1.7	0.7	0.7	0.7	1.5	2.2	1.7	0.0	
Dc	0.0	1.0	1.2	0.8	0.4	0.4	0.5	1.1	1.8	2.1	2.0	1.9	1.9	1.9	2.1	2.2	1.9	1.2	0.6	0.5	0.5	1.0	1.5	1.1	0.0	
Dd	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	
De	0.0	1.0	1.3	0.9	0.4	0.4	0.5	1.1	1.9	2.3	2.2	2.0	2.0	2.0	2.2	2.3	1.9	1.2	0.5	0.5	0.5	1.0	1.4	1.2	0.0	
D	0.0	16.3	20.4	13.8	6.9	7.1	7.8	18.6	31.8	38.7	37.9	35.2	35.2	35.2	38.5	39.9	33.2	20.0	9.0	8.3	8.3	16.1	23.4	18.5	0.0	

	S1	C1	C2	C3	P5A	P5	P5B	C4	C5	C6	C7	P6A	P6	P6B	C8	C9	C10	C11	P7A	P7	P7B	C12	C13	C14	S2	
GIRDER G2																										
Dh	0.0	273.9	542.9	794.9	1013.5	1049.2	1084.2	1245.6	1388.3	1516.8	1624.8	1711.9	1427.2	1741.6	1809.0	1869.7	1909.8	1929.3	1928.3	1925.5	1922.0	1886.3	1823.9	1734.7	1617.0	
Dst	0.0	1.9	2.4	1.7	1.2	1.3	1.4	3.2	5.4	6.9	7.4	7.4	7.4	7.4	7.4	6.8	5.3	3.1	1.4	1.2	1.1	1.6	2.2	1.7	0.0	
Dsl	0.0	9.2	11.5	7.7	3.7	3.7	4.0	9.4	16.0	19.6	19.4	18.1	18.1	18.1	19.1	19.0	15.3	8.6	3.3	2.9	2.9	6.5	10.0	8.1	0.0	
Da	0.0	1.8	2.2	1.5	0.7	0.7	0.7	1.8	3.1	3.8	3.8	3.5	3.5	3.5	3.7	3.7	2.9	1.6	0.6	0.5	0.5	1.2	1.9	1.5	0.0	
Db	0.0	1.6	2.0	1.3	0.6	0.6	0.7	1.6	2.8	3.4	3.3	3.1	3.1	3.1	3.3	3.3	2.7	1.5	0.6	0.6	0.6	1.2	1.8	1.4	0.0	
Dc	0.0	1.0	1.2	0.8	0.4	0.4	0.4	1.0	1.7	2.1	2.1	1.9	1.9	1.9	2.0	2.0	1.6	0.8	0.3	0.2	0.2	0.6	1.0	0.8	0.0	
Dd	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.0	
De	0.0	1.1	1.3	0.9	0.4	0.4	0.5	1.1	1.8	2.3	2.2	2.1	2.1	2.1	2.2	2.2	1.8	1.0	0.4	0.4	0.4	0.8	1.2	1.0	0.0	
D	0.0	16.6	20.7	14.0	7.0	7.1	7.7	18.1	30.9	38.2	38.4	36.4	36.3	36.3	37.9	37.2	29.7	16.8	6.6	5.9	5.7	11.9	18.2	14.6	0.0	

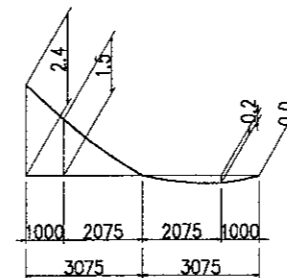
DEAD LOAD CAMBER DIAGRAM OF GIRDER
 NOT TO SCALE



DEAD LOAD CAMBER DIAGRAM OF GIRDER P5
 NOT TO SCALE



DEAD LOAD CAMBER DIAGRAM OF GIRDER P6
 NOT TO SCALE

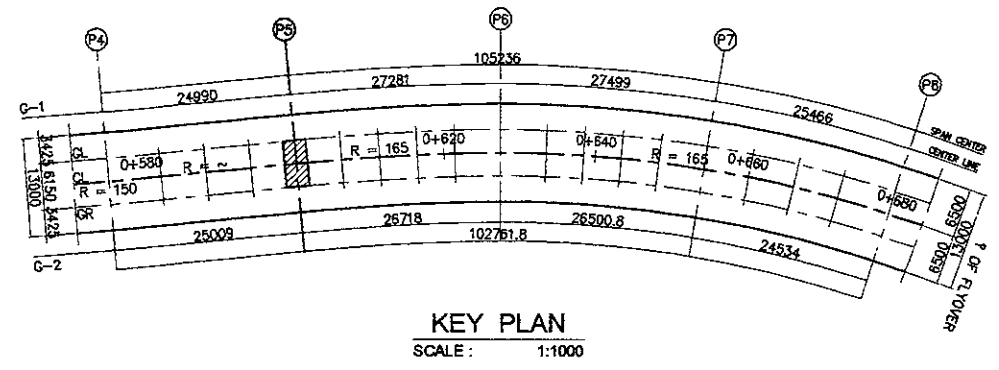
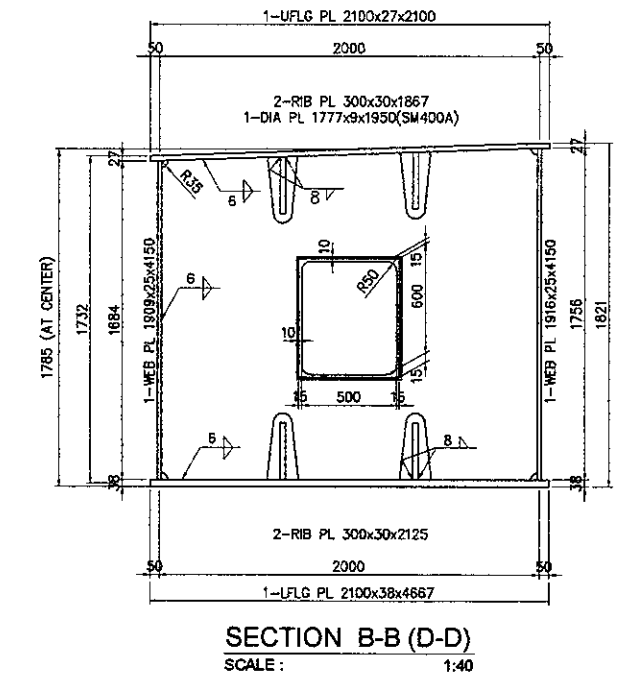
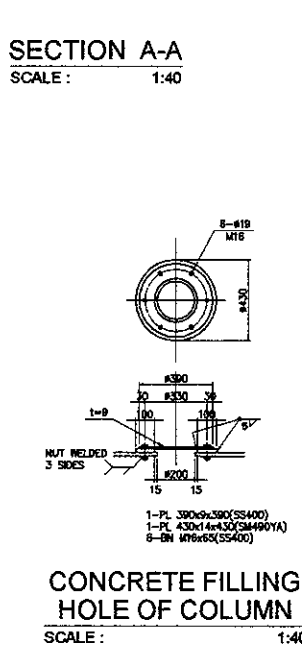
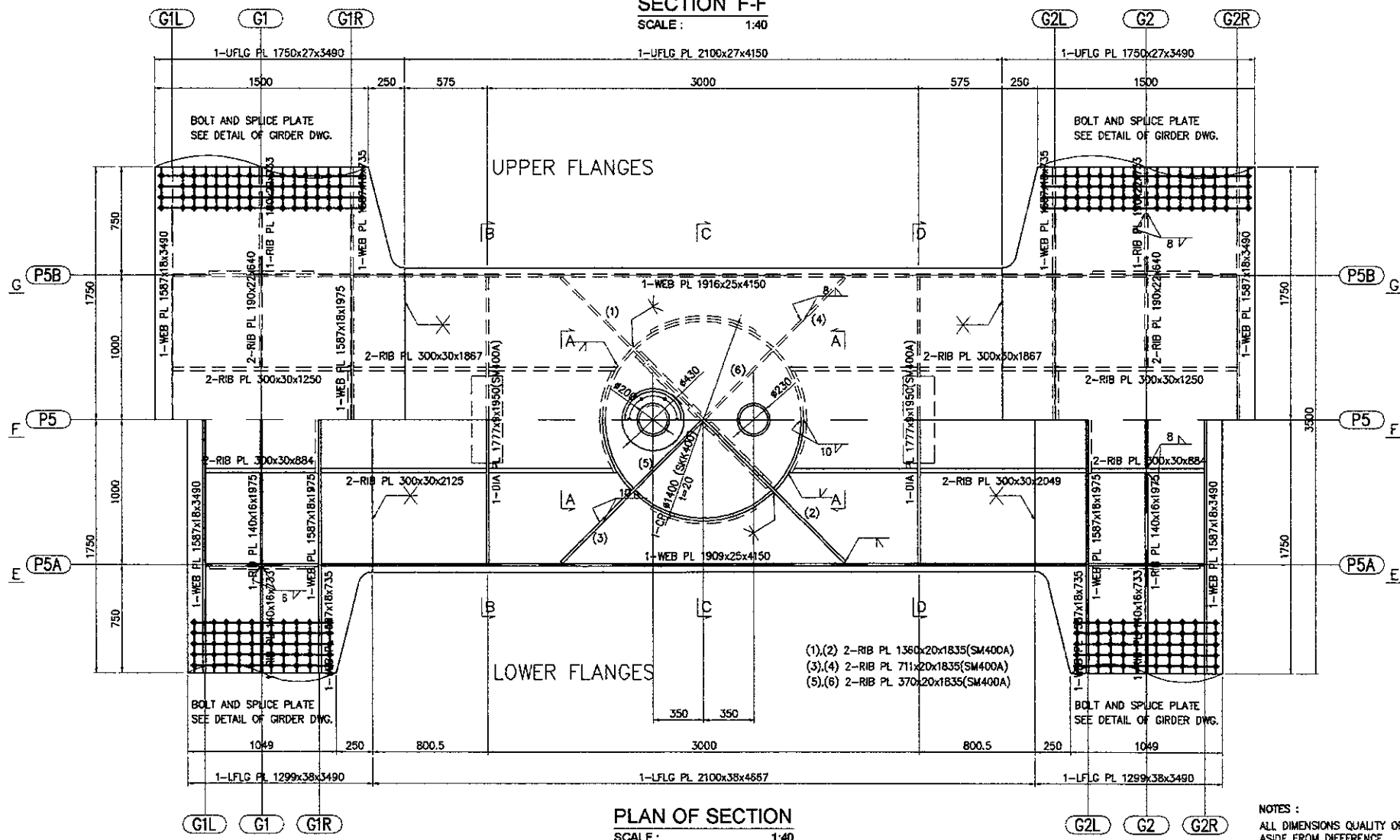
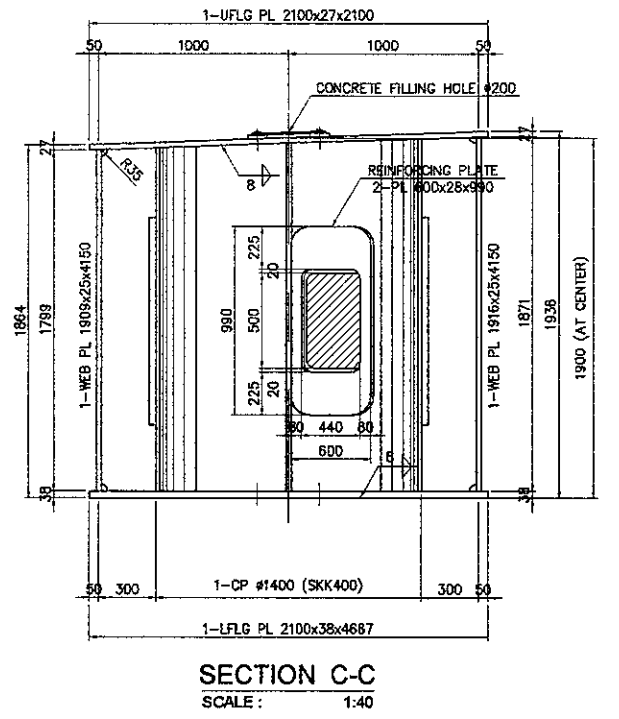
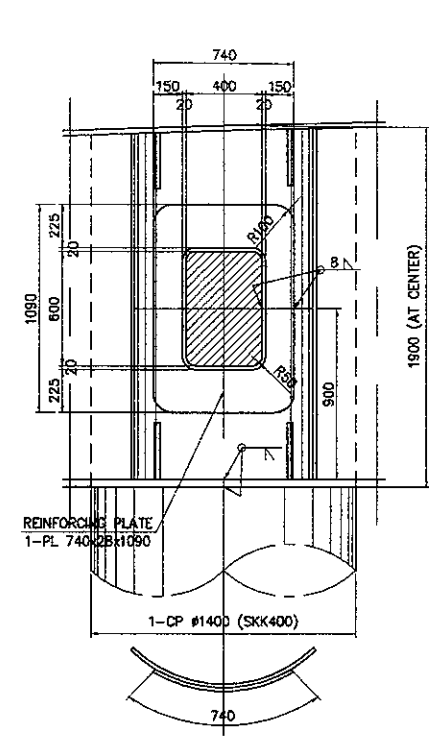
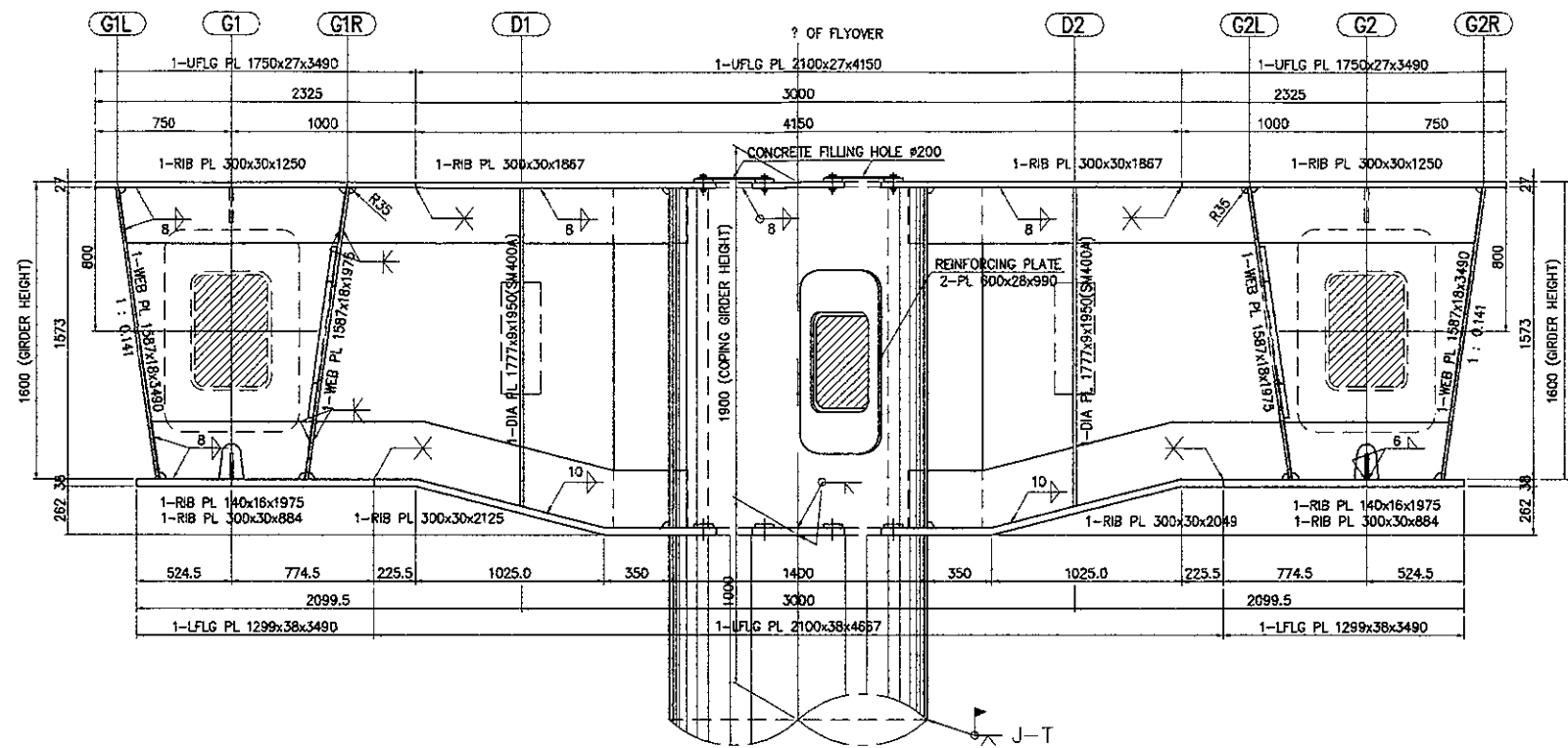


DEAD LOAD CAMBER DIAGRAM OF GIRDER P7
 NOT TO SCALE

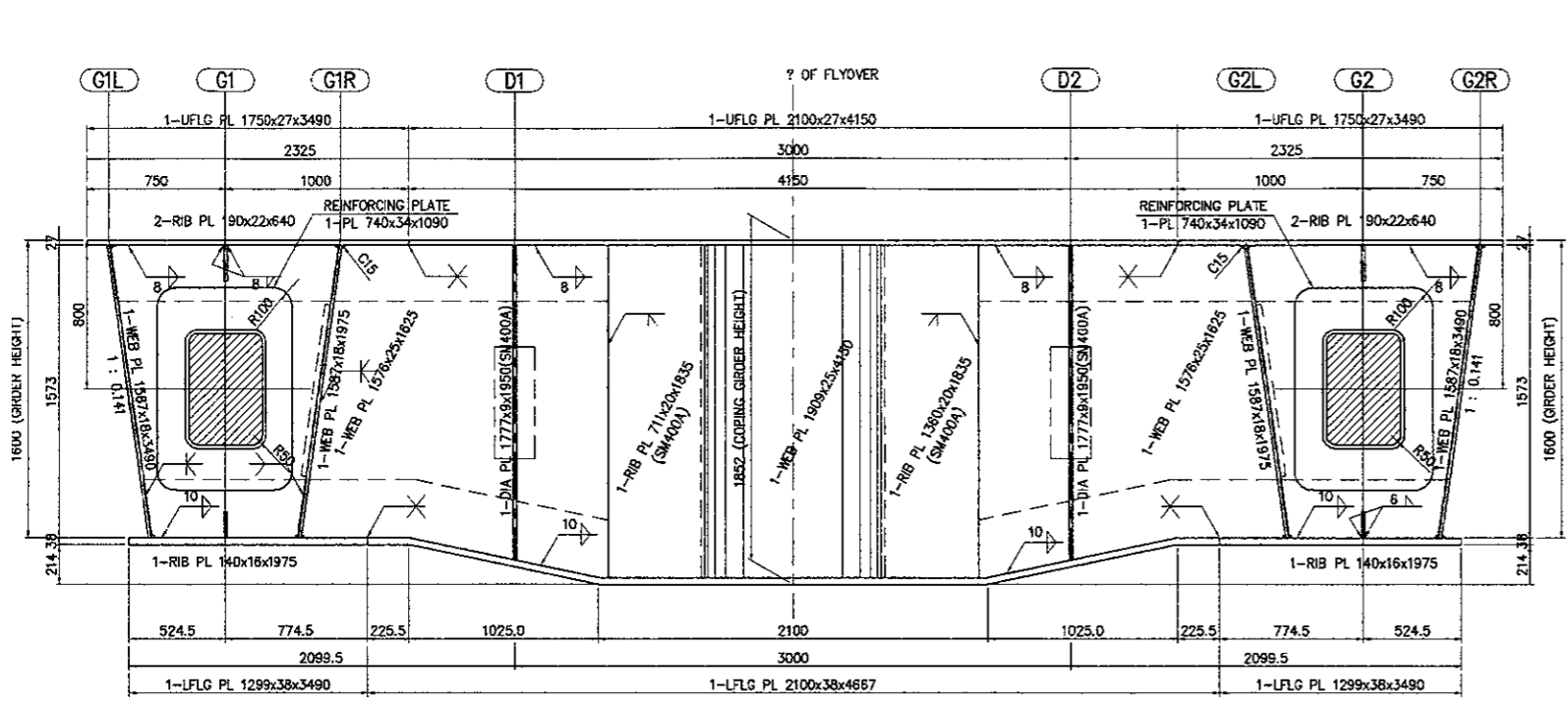
- Dh : DEFLECTION DUE TO VERTICAL ALIGNMENT
- Dst : DEFLECTION DUE TO STEEL WEIGHT
- Dsl : DEFLECTION DUE TO DECK SLAB
- Da : DEFLECTION DUE TO RAILLING AND MEDIAN
- Db : DEFLECTION DUE TO PAVEMENT
- Dc : DEFLECTION DUE TO OUTER GUTTER AND MEDIAN
- Dd : DEFLECTION DUE TO FALLING FENCE FOR RAILLING
- De : DEFLECTION DUE TO FUTURE OVERLAY
- D : TOTAL DEFLECTION

NOTES :
 ALL UNIT IN MILLIMETERS

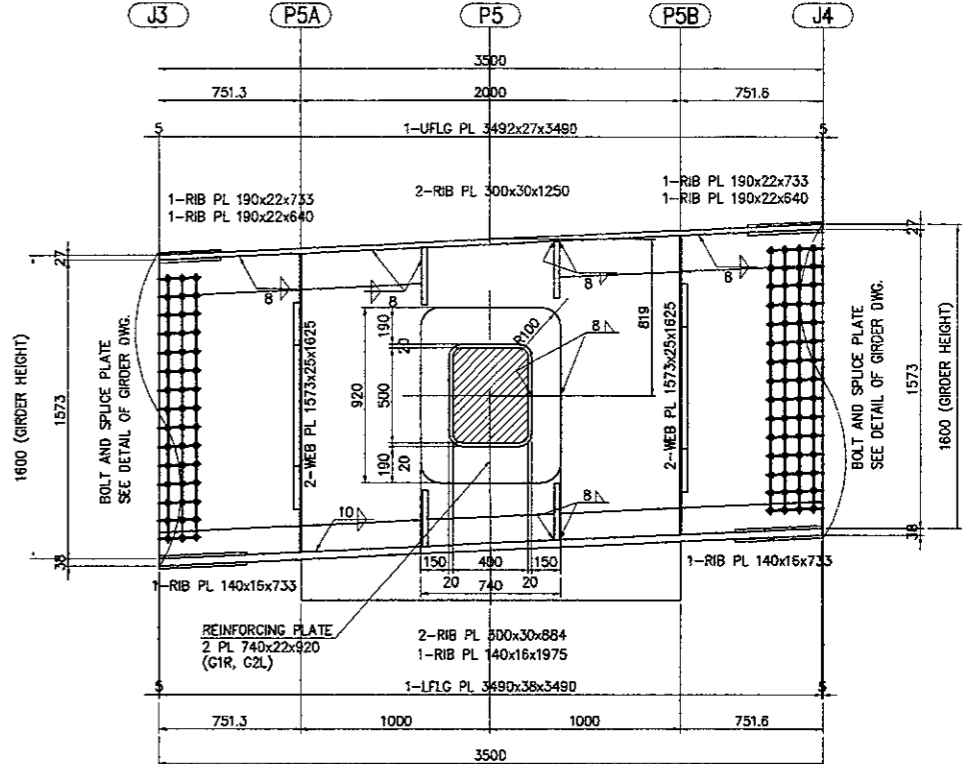
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign: _____	Sign: _____	Sign: _____
Date: _____	Date: _____	Date: _____



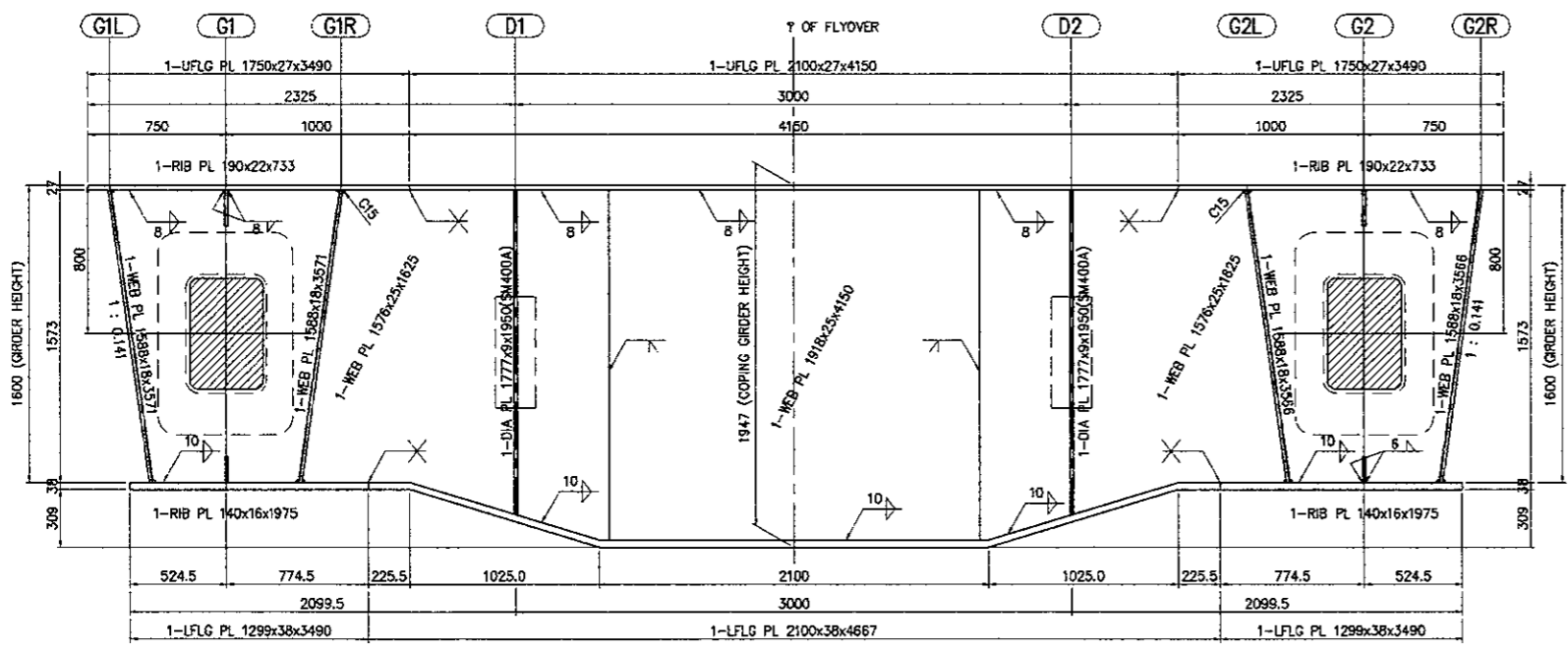
NOTES :
 ALL DIMENSIONS QUALITY OF STEEL REQUIRE OF SM490Y
 ASIDE FROM DIFFERENCE



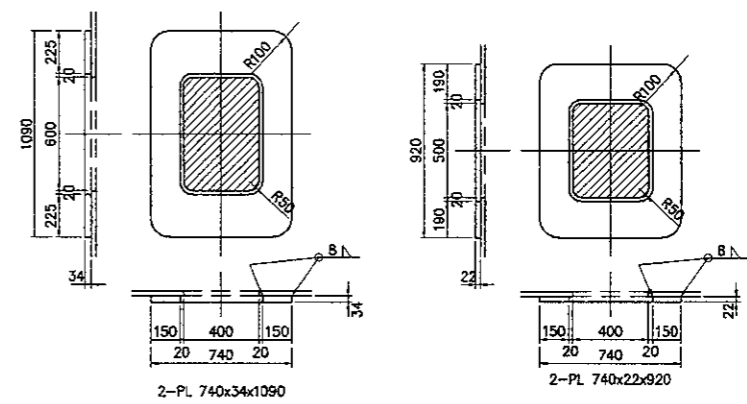
SECTION E-E
 SCALE : 1:40



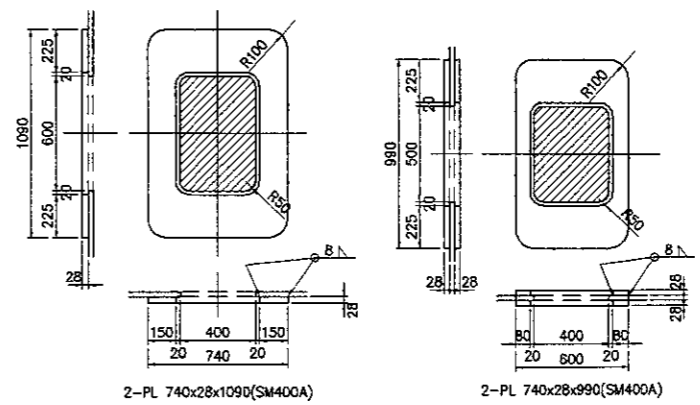
SECTION G1 (G2)
 SCALE : 1:40



SECTION G-G
 SCALE : 1:40



MAN HOLE OF GIRDER
 SCALE : 1:40



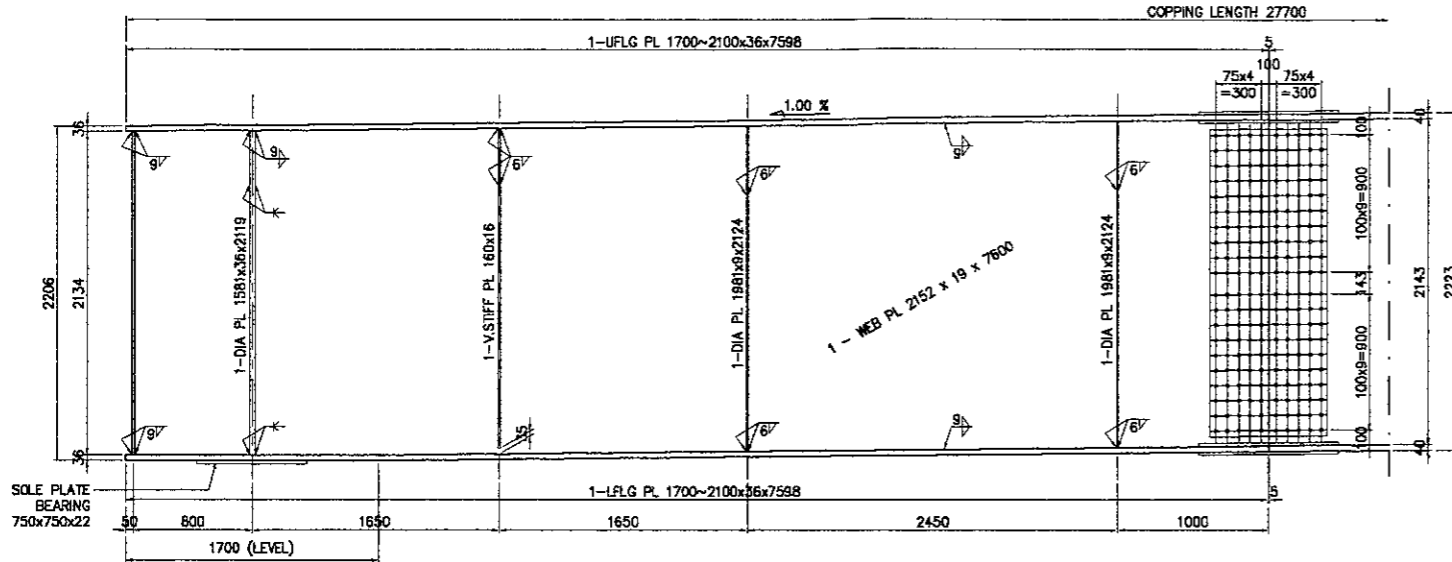
MAN HOLE OF PIER
 SCALE : 1:40

COORDINATES AND ELEVATIONS

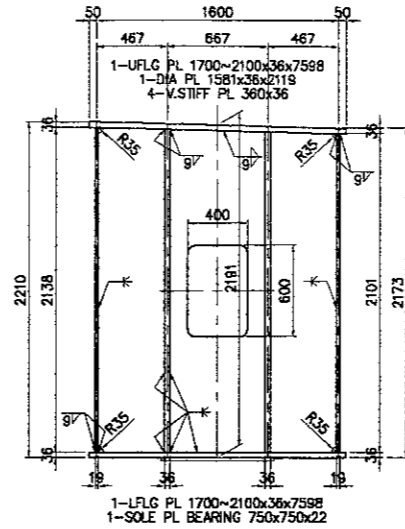
		P5A	P5	P5B
G1L	X	9222906.8074	9222906.6932	9222906.5776
	Y	819554.7240	819555.7175	819556.7108
	Z	869.6669	869.7148	869.7815
G1	X	9222906.1816	9222905.0673	9222905.9518
	Y	819554.6517	819555.6451	819556.6384
	Z	869.6669	869.7148	869.7815
G1R	X	9222905.5558	9222905.4415	9222905.3259
	Y	819554.5793	819555.5727	819556.5660
	Z	869.6669	869.7148	869.7815
CL	X	9222903.1269	9222903.0127	9222902.8971
	Y	819554.2884	819555.2818	819556.2851
	Z	869.6729	869.7148	869.7556
G2L	X	9222900.6981	9222900.5839	9222900.4683
	Y	819554.0175	819555.0110	819556.0043
	Z	869.6789	869.7148	869.7496
G2	X	9222900.0723	9222899.9581	9222899.8425
	Y	819553.9451	819554.9386	819555.9319
	Z	869.6789	869.7148	869.7496
G2R	X	9222899.4465	9222899.3322	9222899.2167
	Y	819553.8728	819554.8662	819555.8599
	Z	869.6789	869.7148	869.7496

NOTES :
 ALL DIMENSIONS QUALITY OF STEEL REQUIRE OF SM490Y
 ASIDE FROM DIFFERENCE

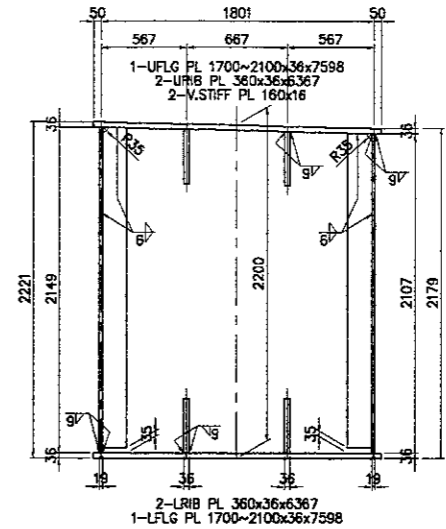
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign:	Sign:	Sign:
Date:	Date:	Date:



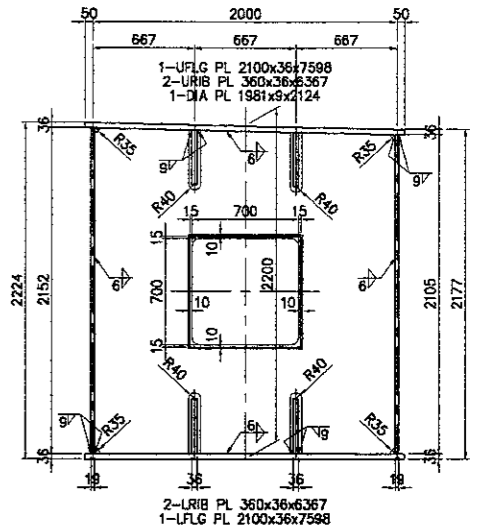
SECTION 2-2
 SCALE : 1:50



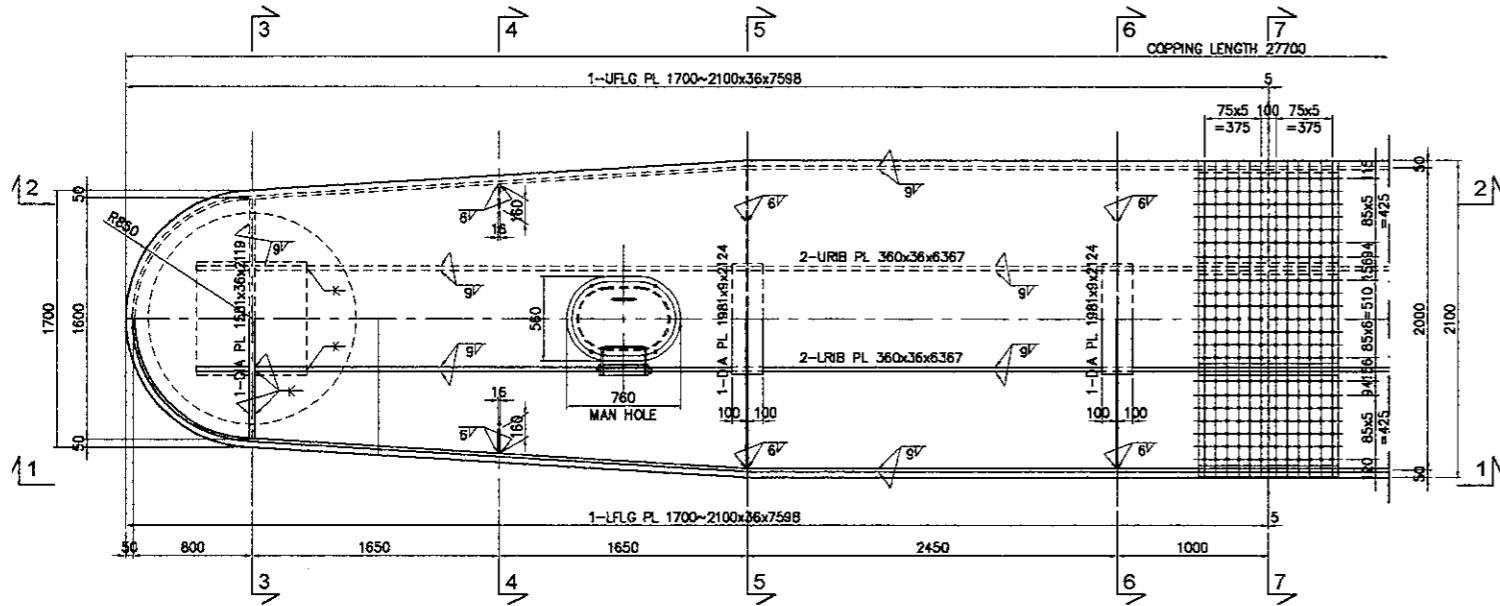
SECTION 3-3
 SCALE : 1:50



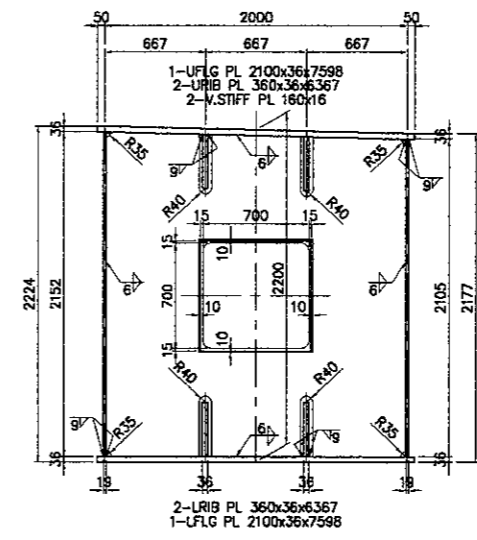
SECTION 4-4
 SCALE : 1:50



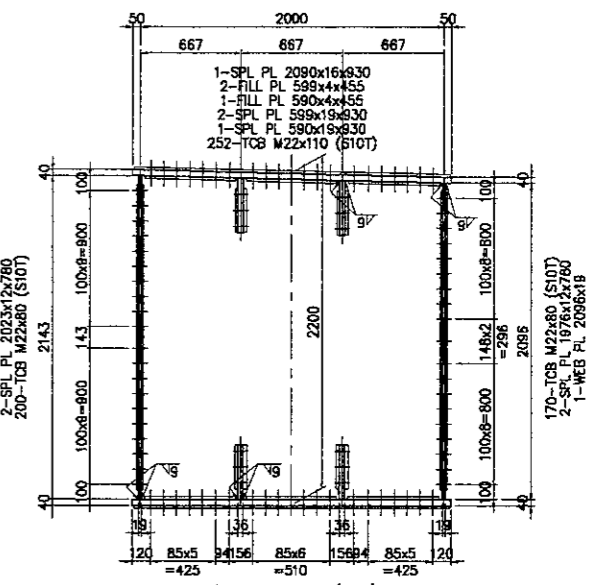
SECTION 5-5
 SCALE : 1:50



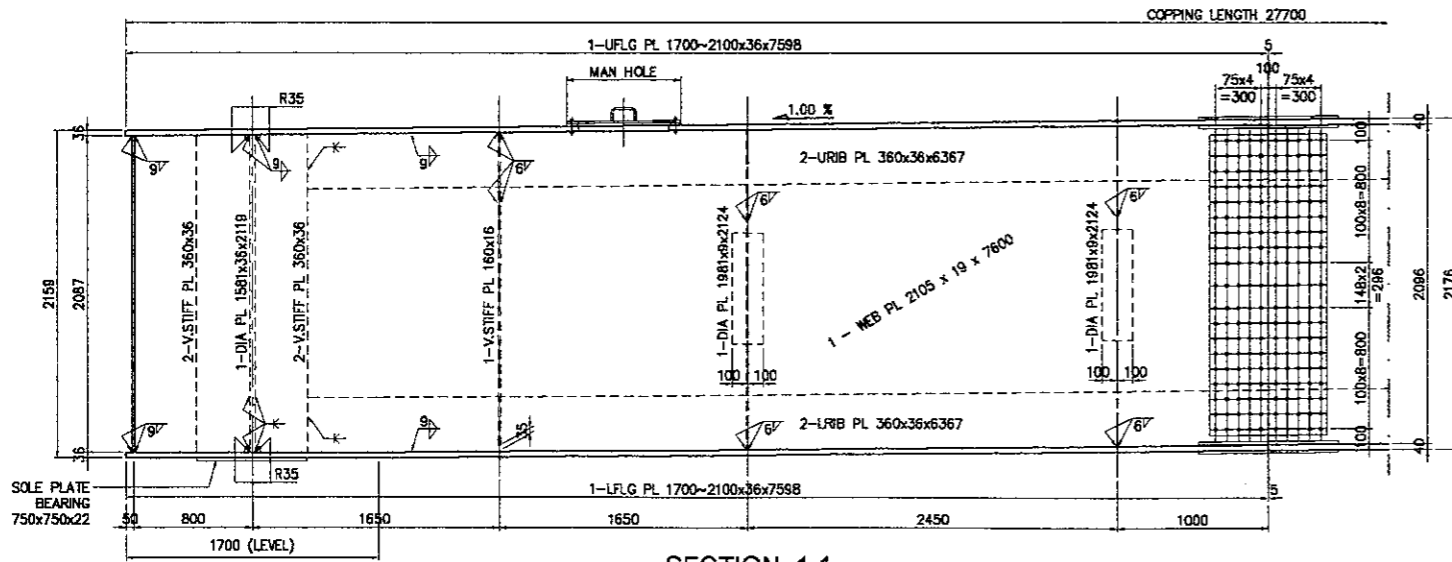
PLAN
 SCALE : 1:50



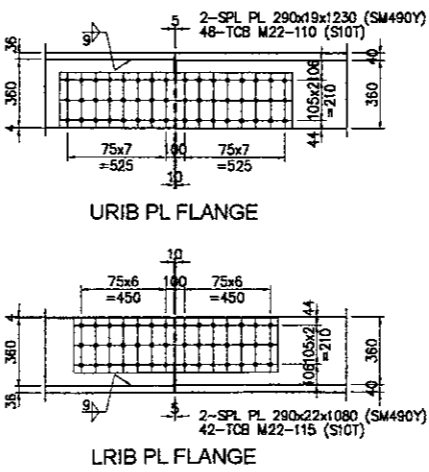
SECTION 6-6
 SCALE : 1:50



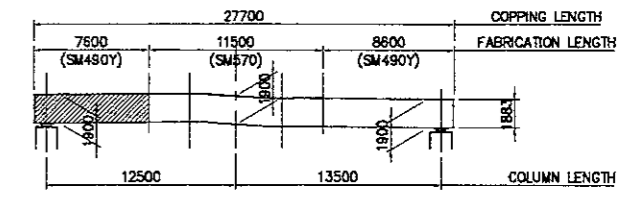
SECTION 7-7
 SCALE : 1:50



SECTION 1-1
 SCALE : 1:50

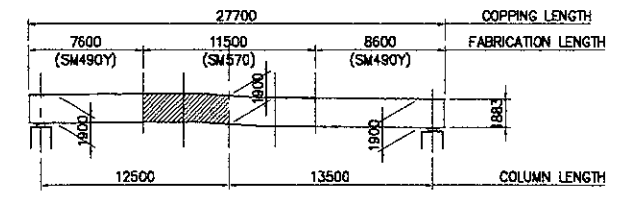
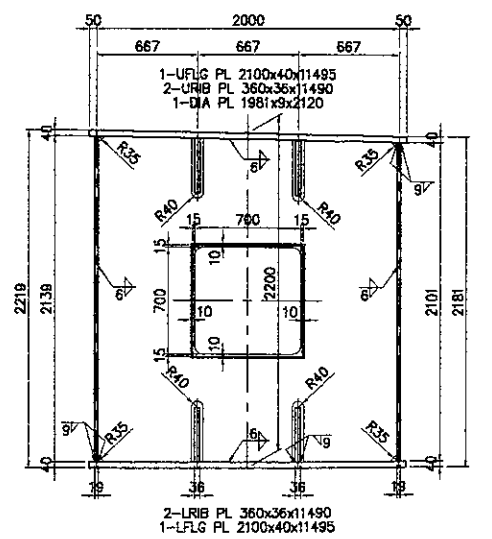
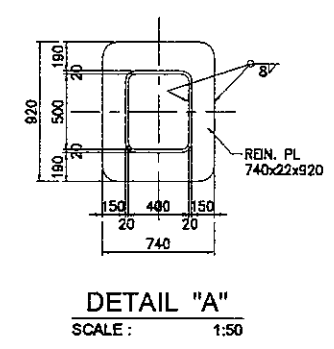
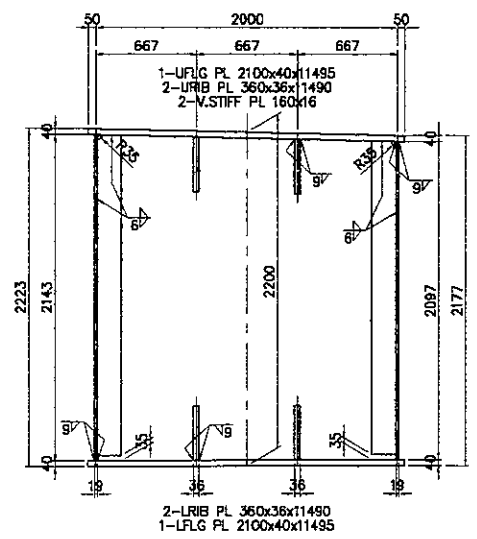
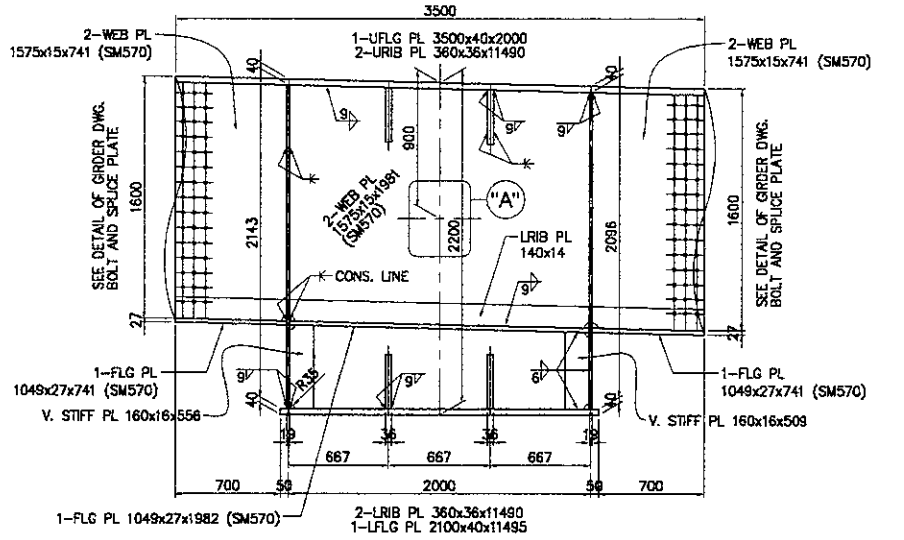
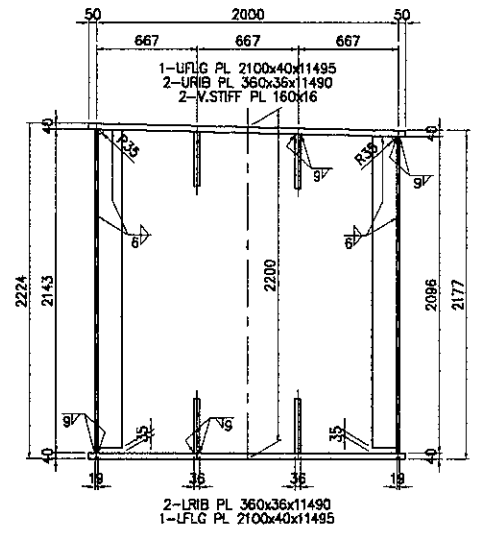
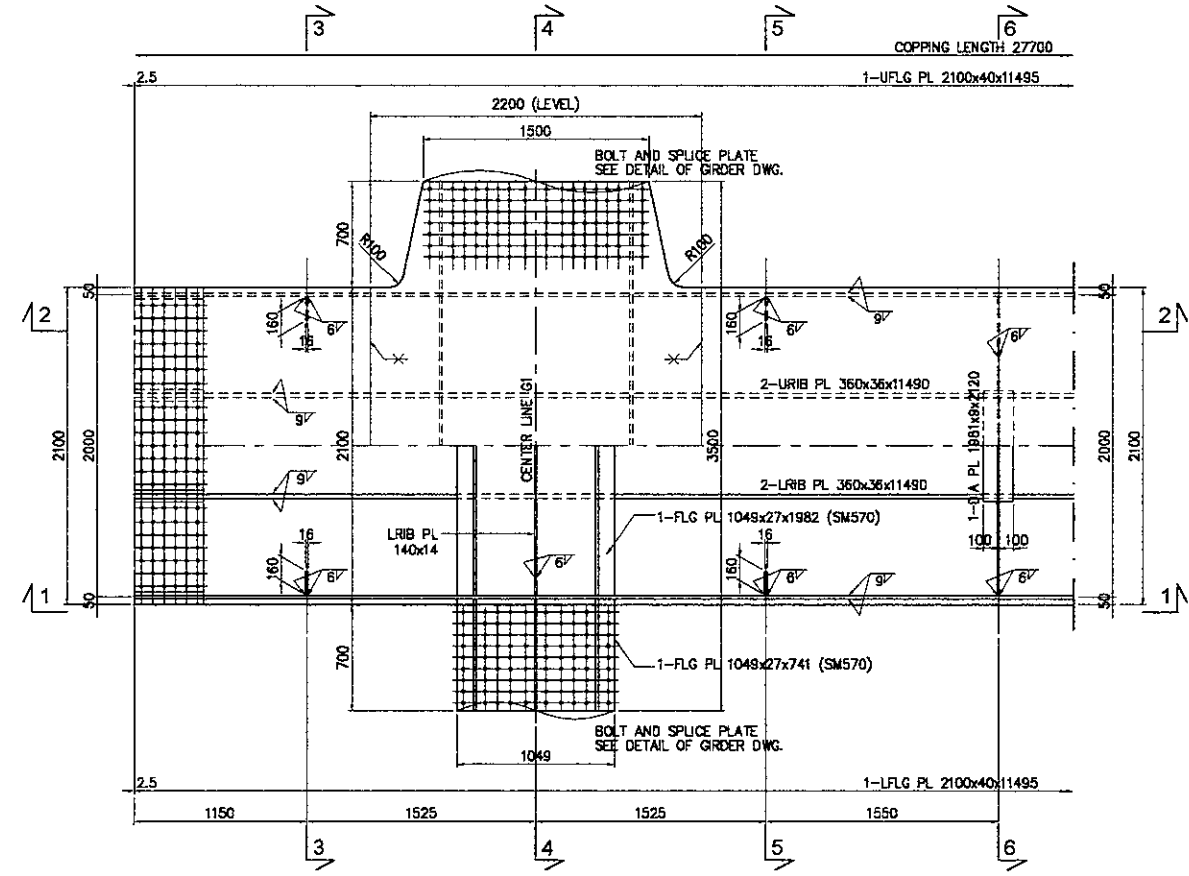
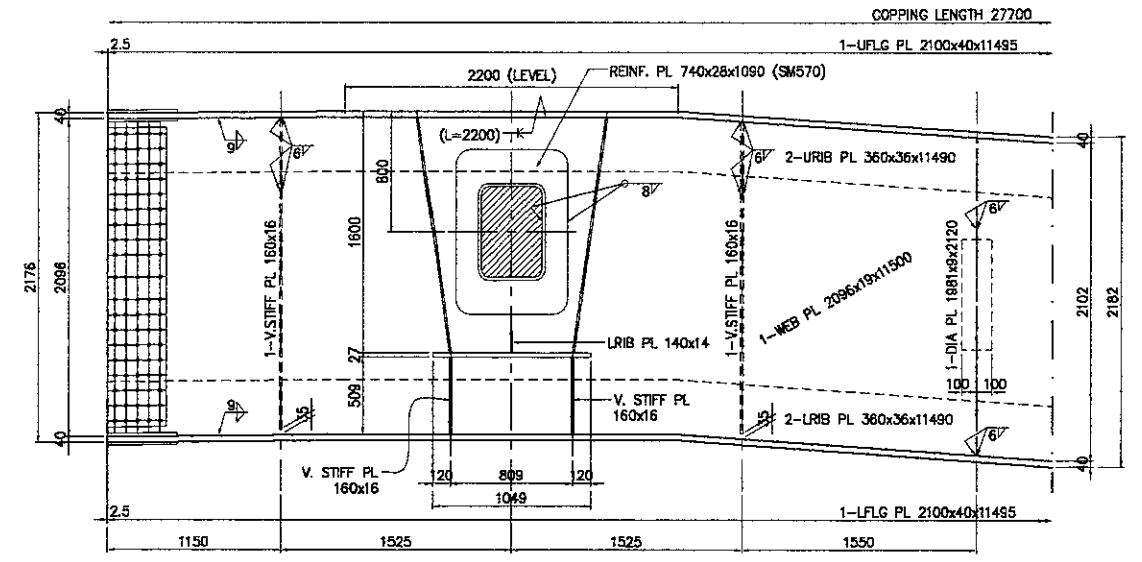
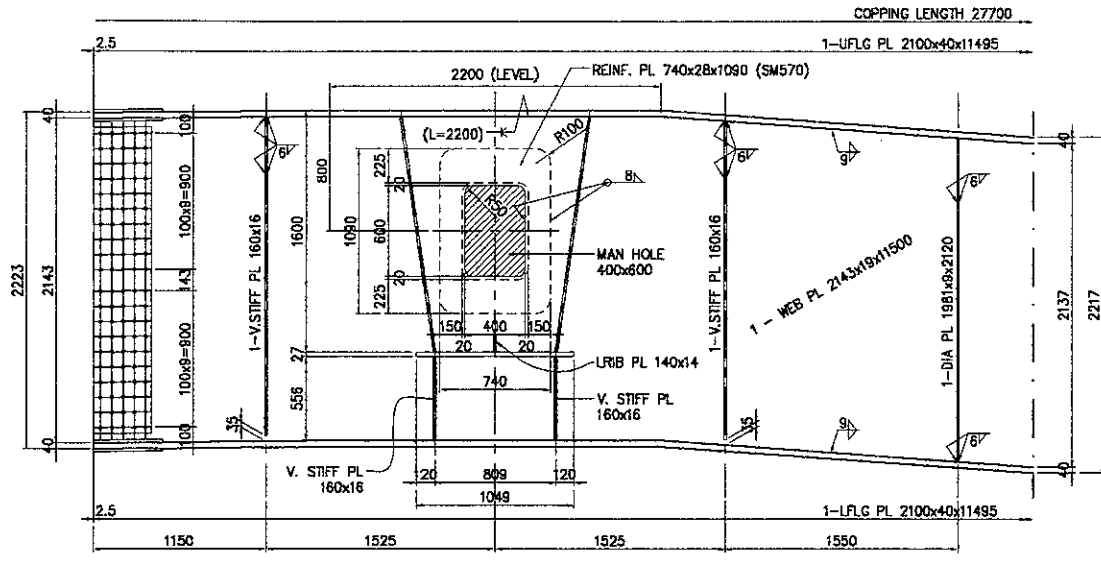


DETAIL OF JOINT SPLICING AT RIB
 SCALE : 1:40

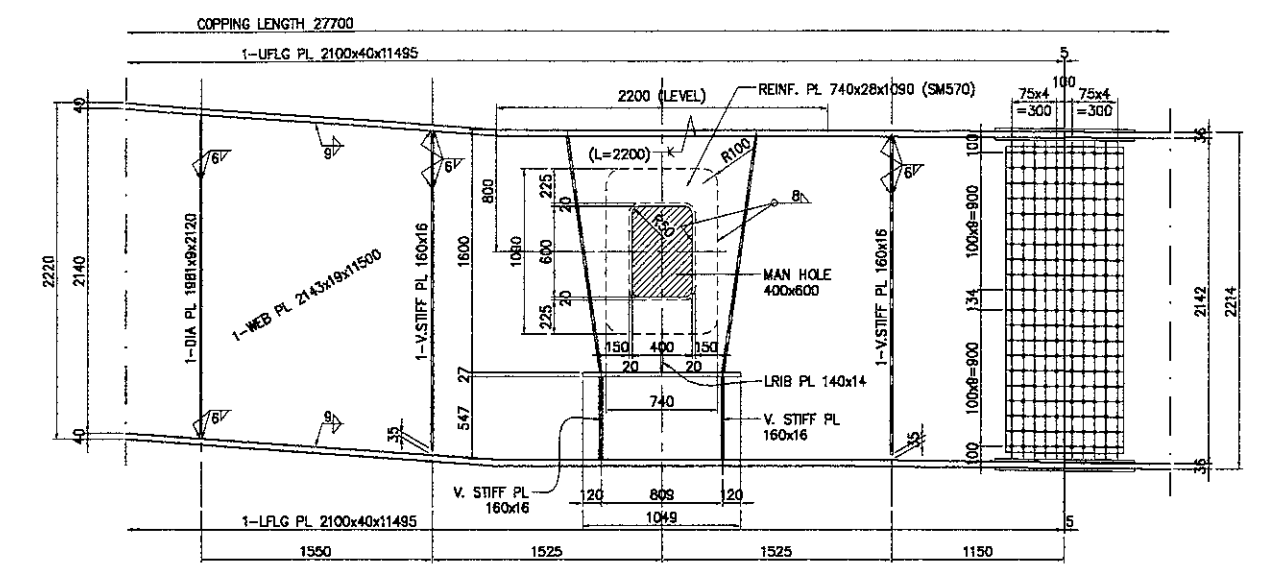


KEY PLAN
 SCALE : 1:500

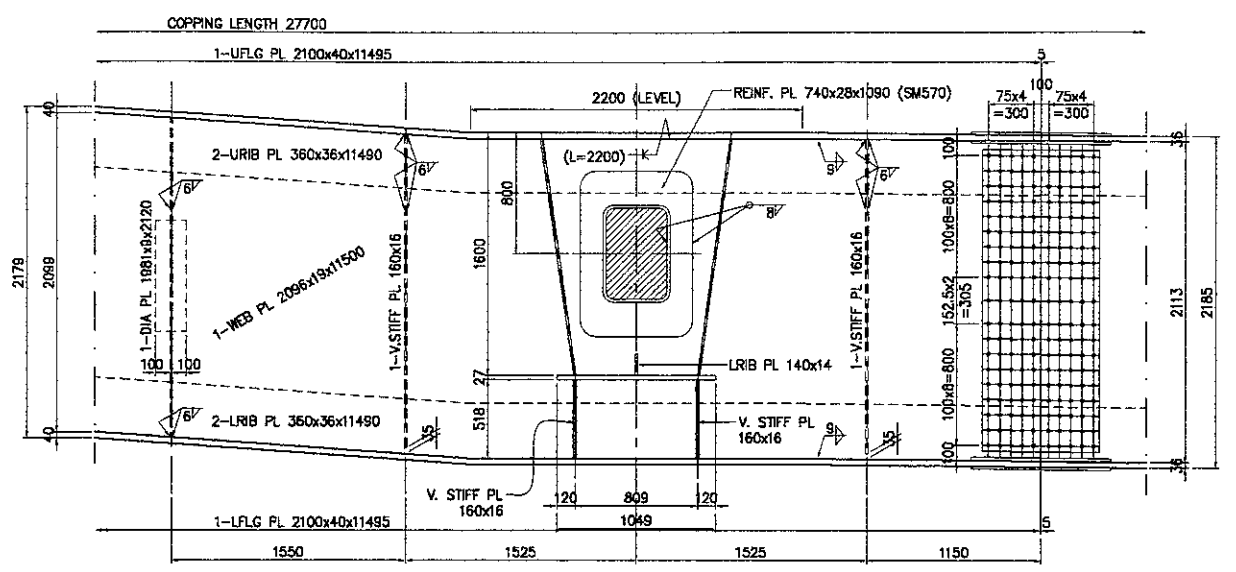
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name S. MATSUI	Name T. OKUMURA	Name M. KIUCHI
Sign	Sign	Sign
Date	Date	Date



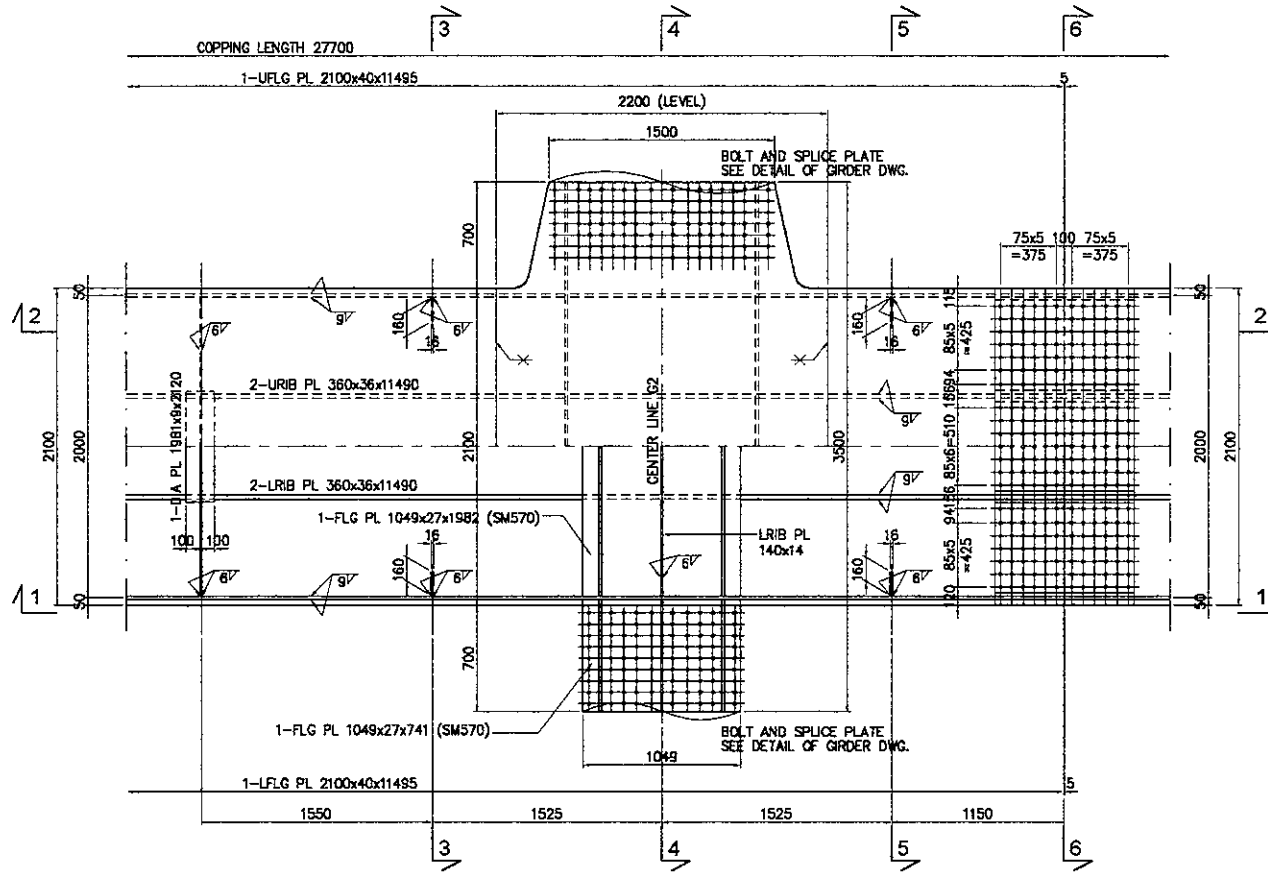
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign:	Sign:	Sign:
Date:	Date:	Date:



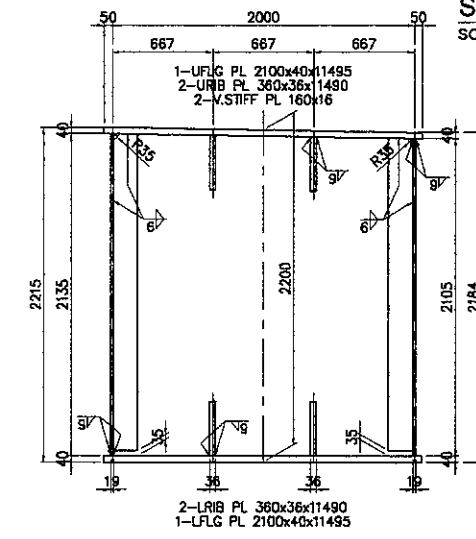
SECTION 2-2
 SCALE: 1:50



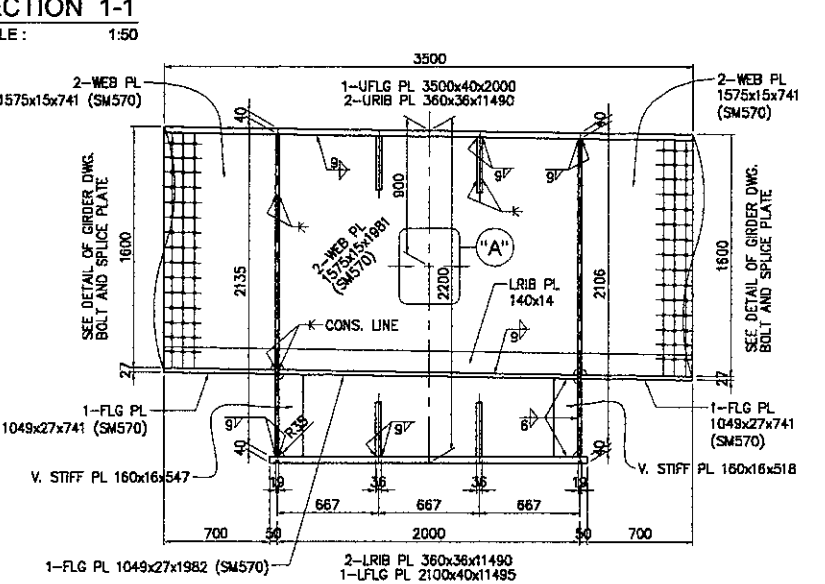
SECTION 1-1
 SCALE: 1:50



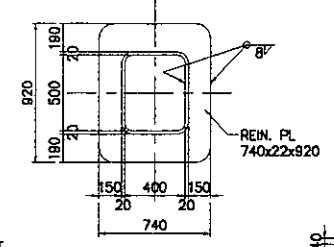
PLAN
 SCALE: 1:50



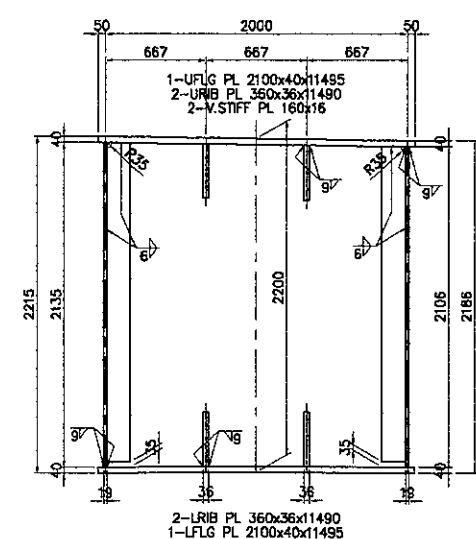
SECTION 3-3
 SCALE: 1:50



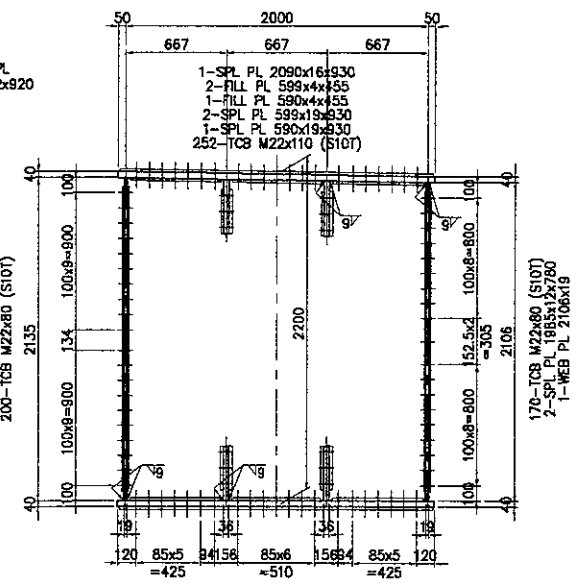
SECTION 4-4
 SCALE: 1:50



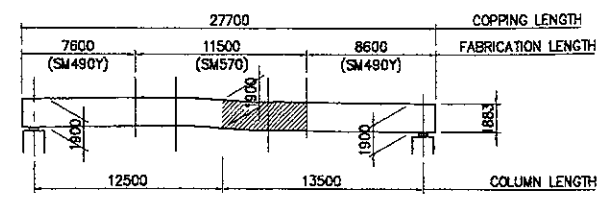
DETAIL "A"
 SCALE: 1:50



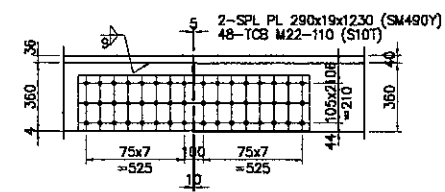
SECTION 5-5
 SCALE: 1:50



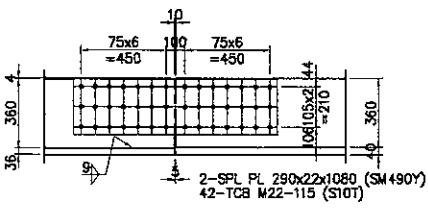
SECTION 6-6
 SCALE: 1:50



KEY PLAN
 SCALE: 1:500

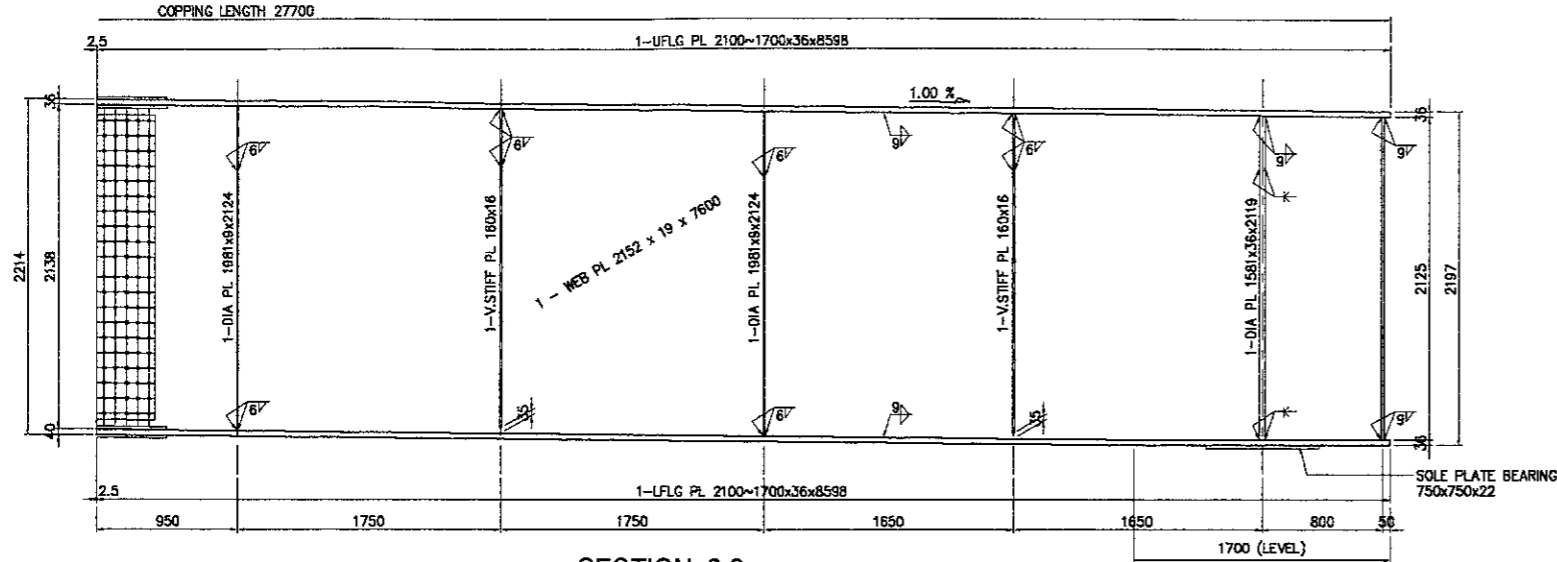


DETAIL OF JOINT SPICING AT RIB
 SCALE: 1:40

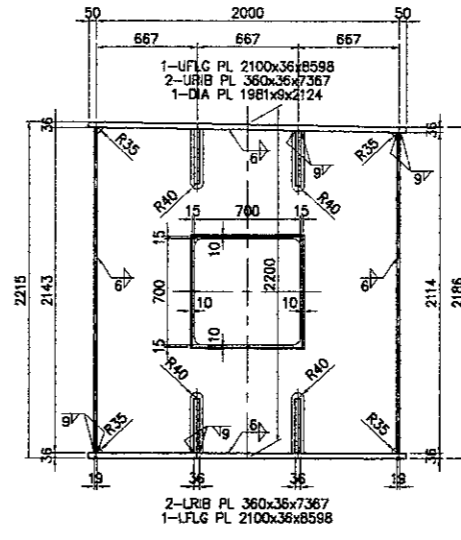


LRIB PL FLANGE
 SCALE: 1:40

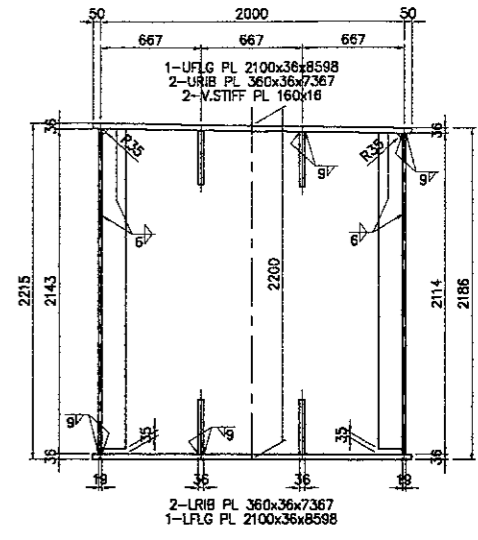
DESIGNED BY		CHECKED BY		SUBMITTED BY	
Name	S. MATSUI	Name	T. OKUMURA	Name	M. KIUCHI
Sign		Sign		Sign	
Date		Date		Date	



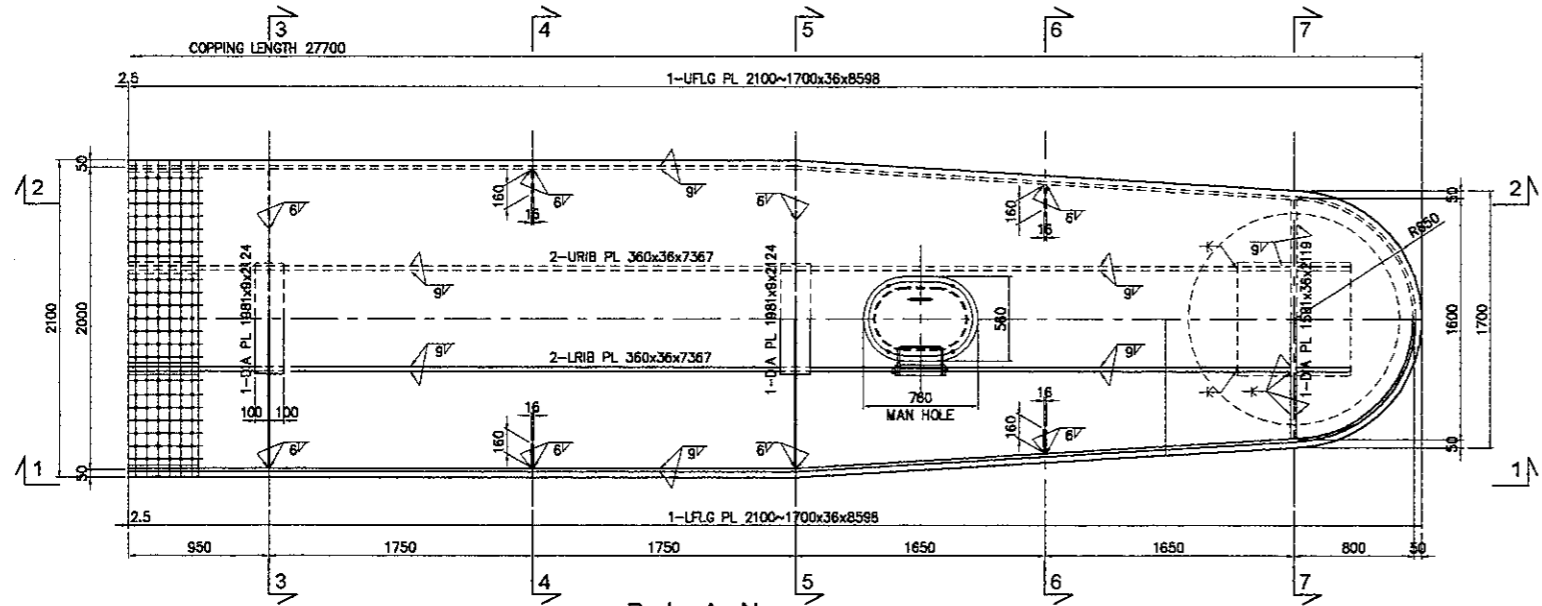
SECTION 2-2
 SCALE : 1:50



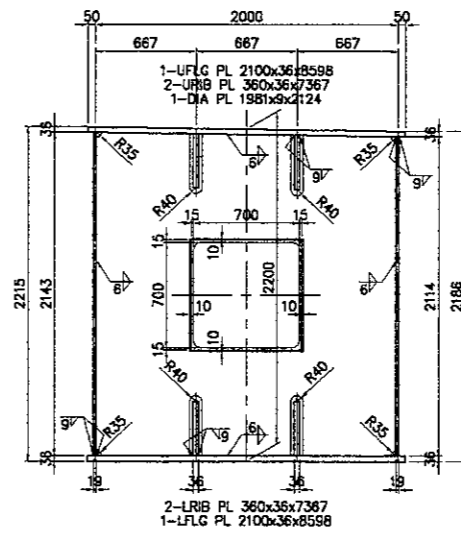
SECTION 3-3
 SCALE : 1:50



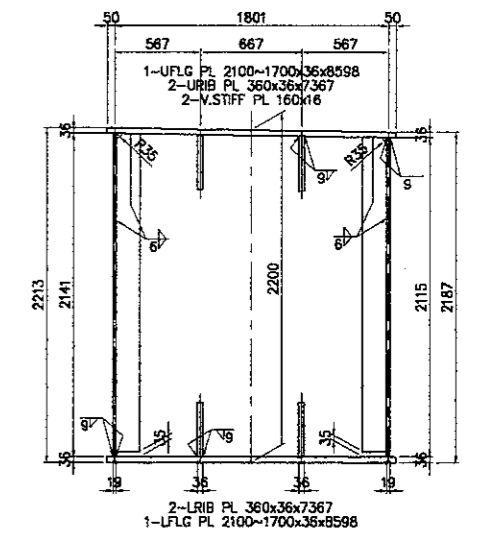
SECTION 4-4
 SCALE : 1:50



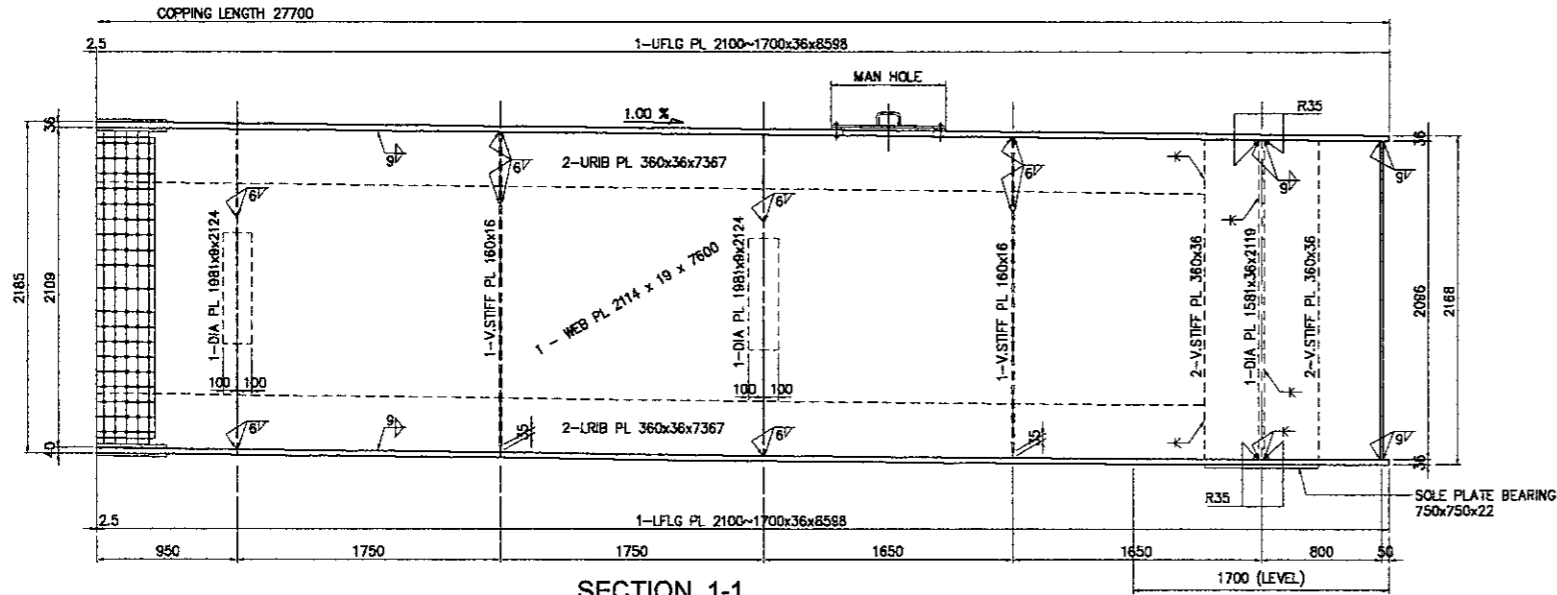
PLAN
 SCALE : 1:50



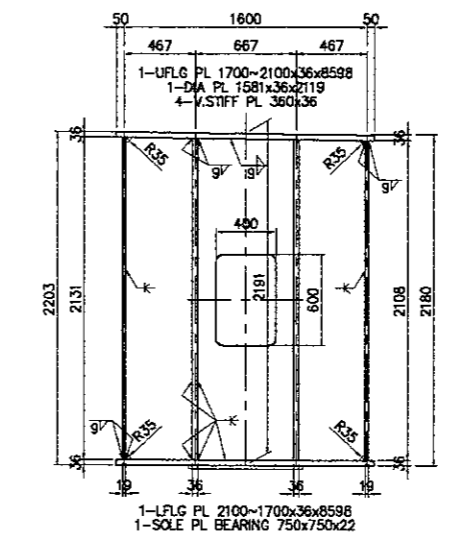
SECTION 5-5
 SCALE : 1:50



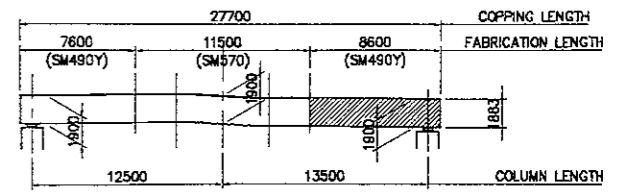
SECTION 6-6
 SCALE : 1:50



SECTION 1-1
 SCALE : 1:50

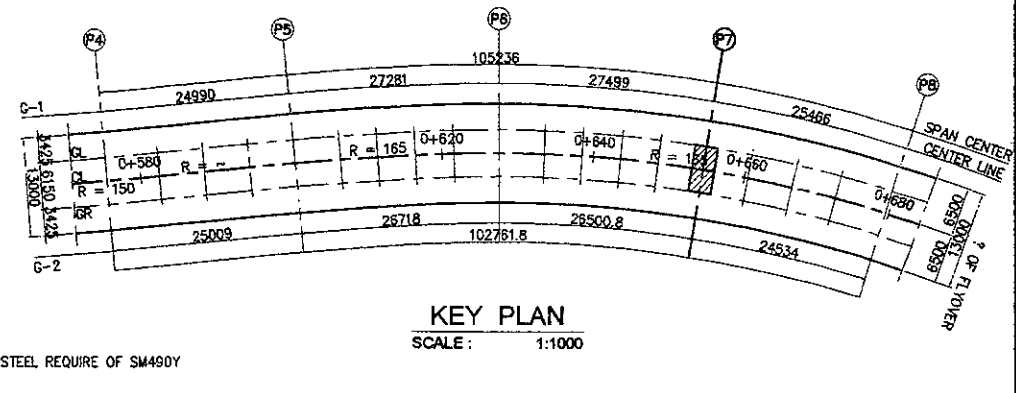
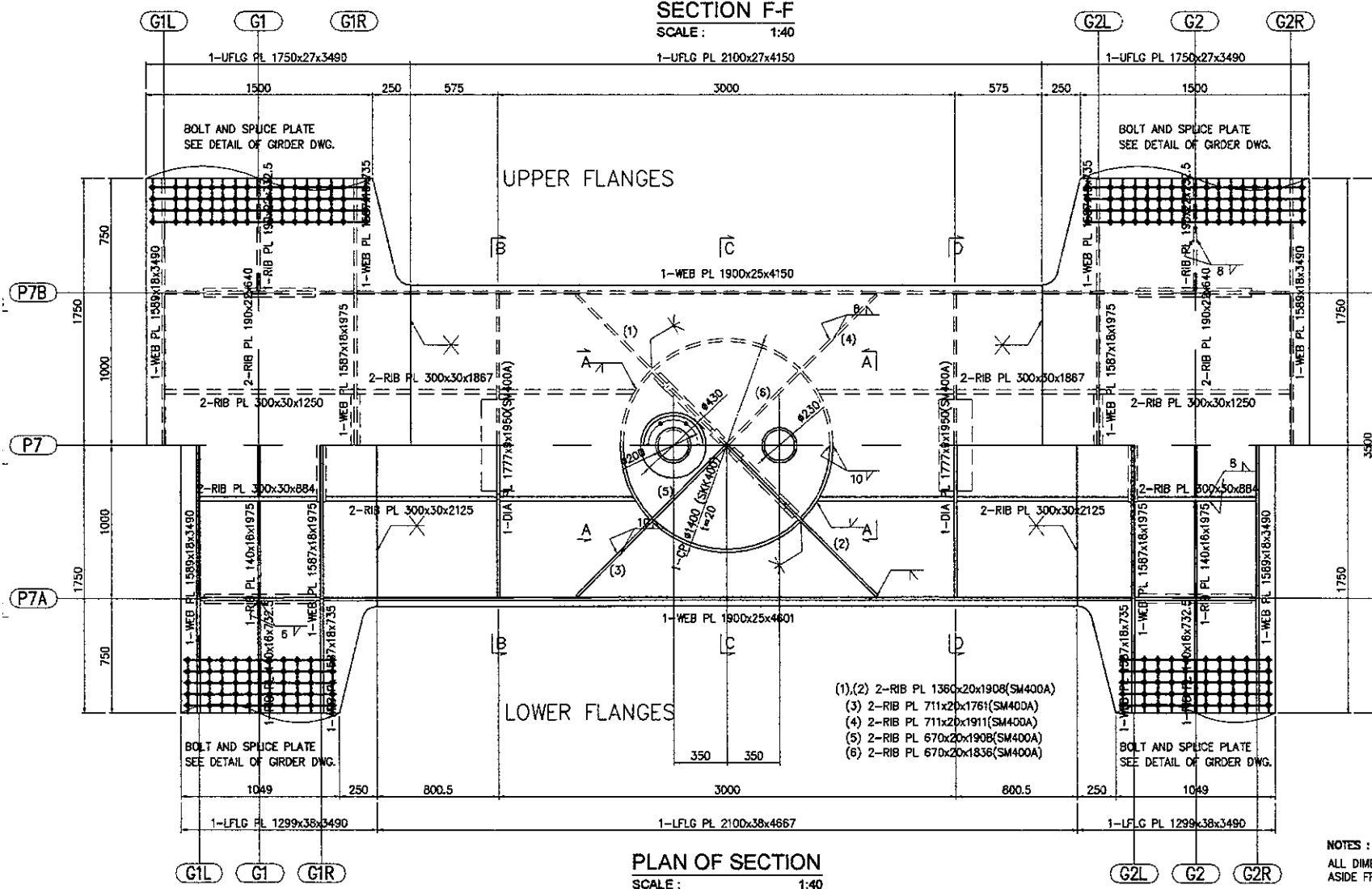
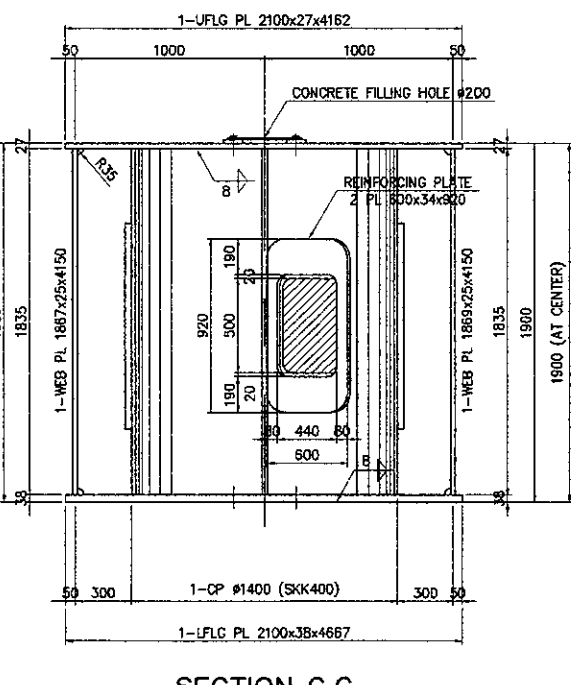
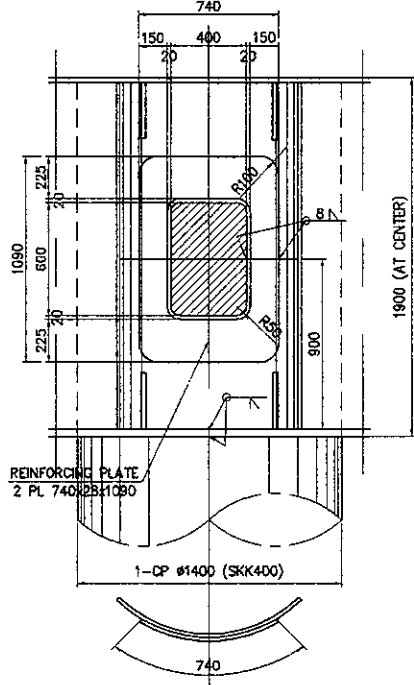
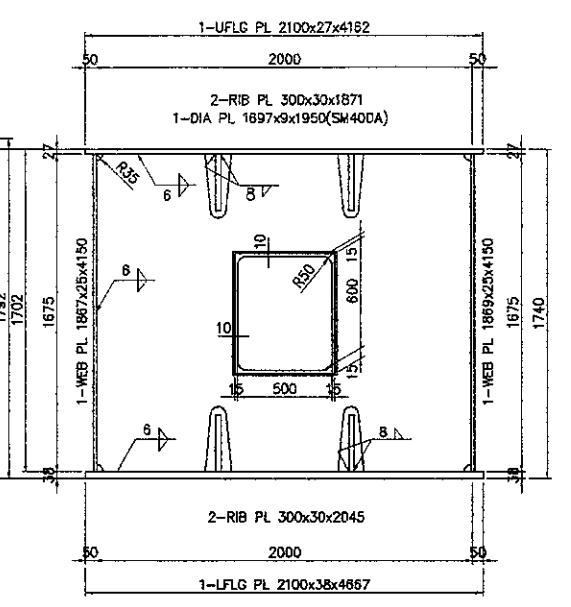
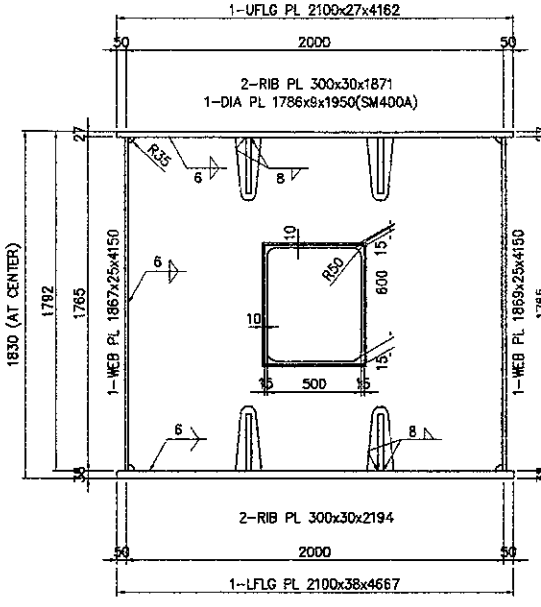
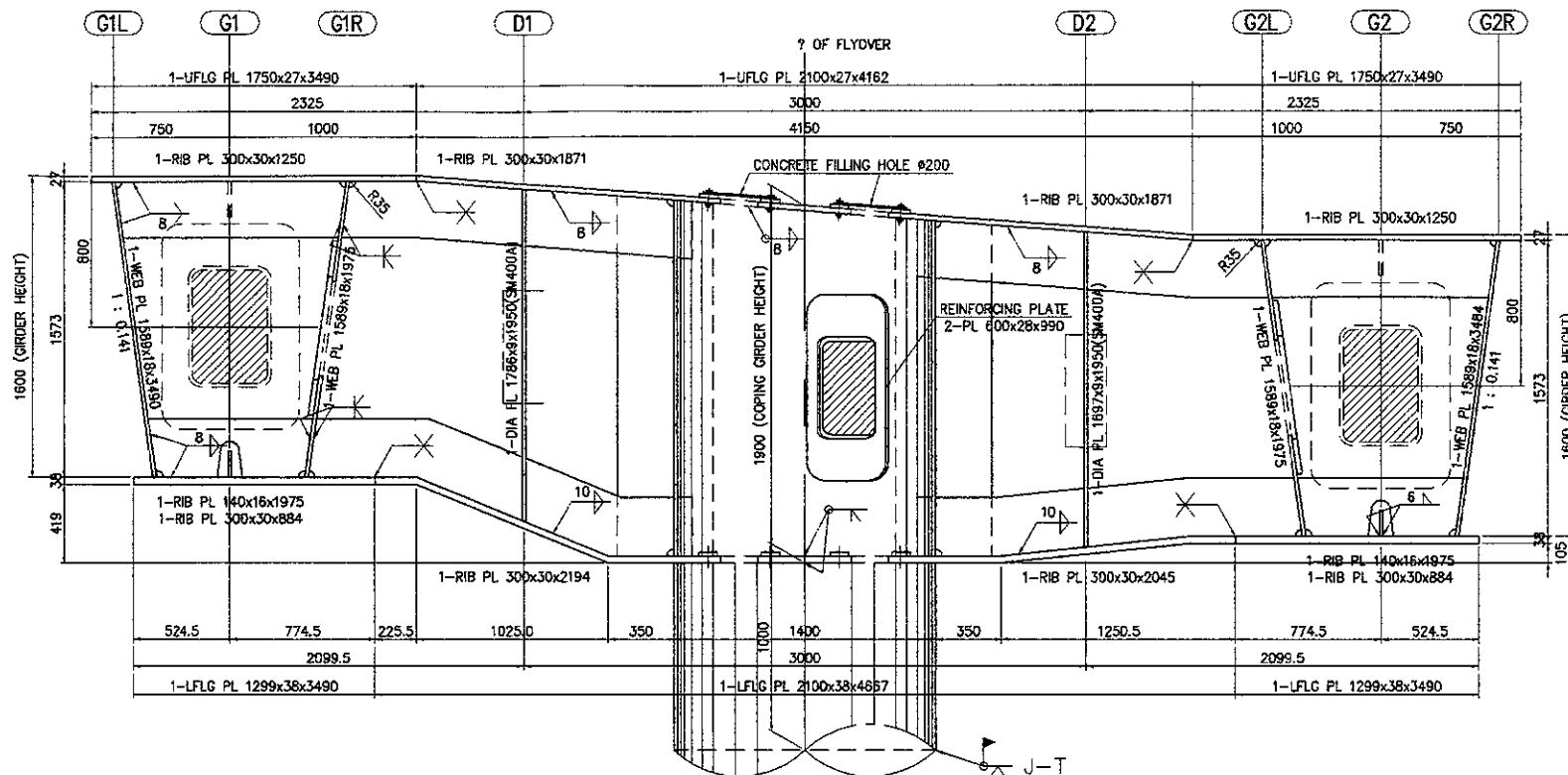


SECTION 7-7
 SCALE : 1:50

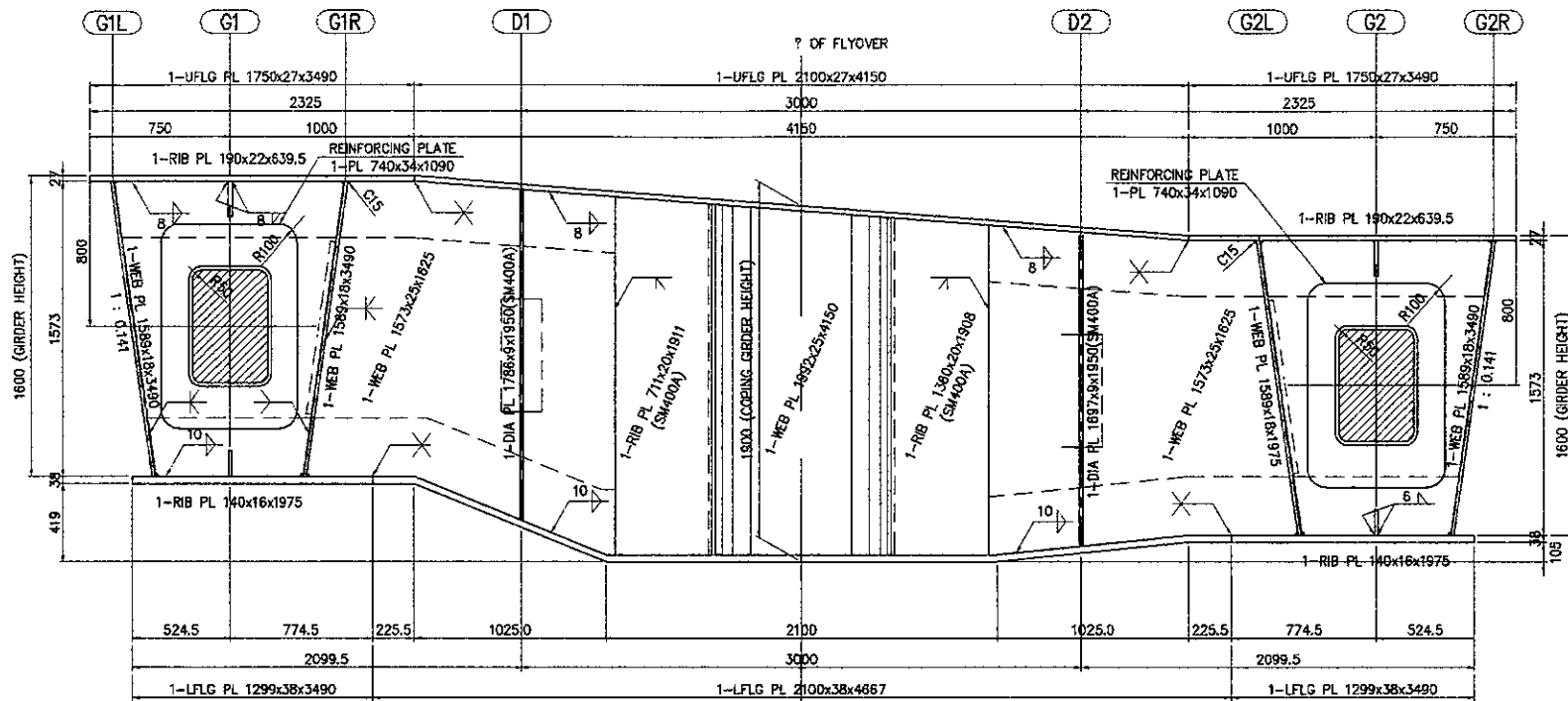


KEY PLAN
 SCALE : 1:500

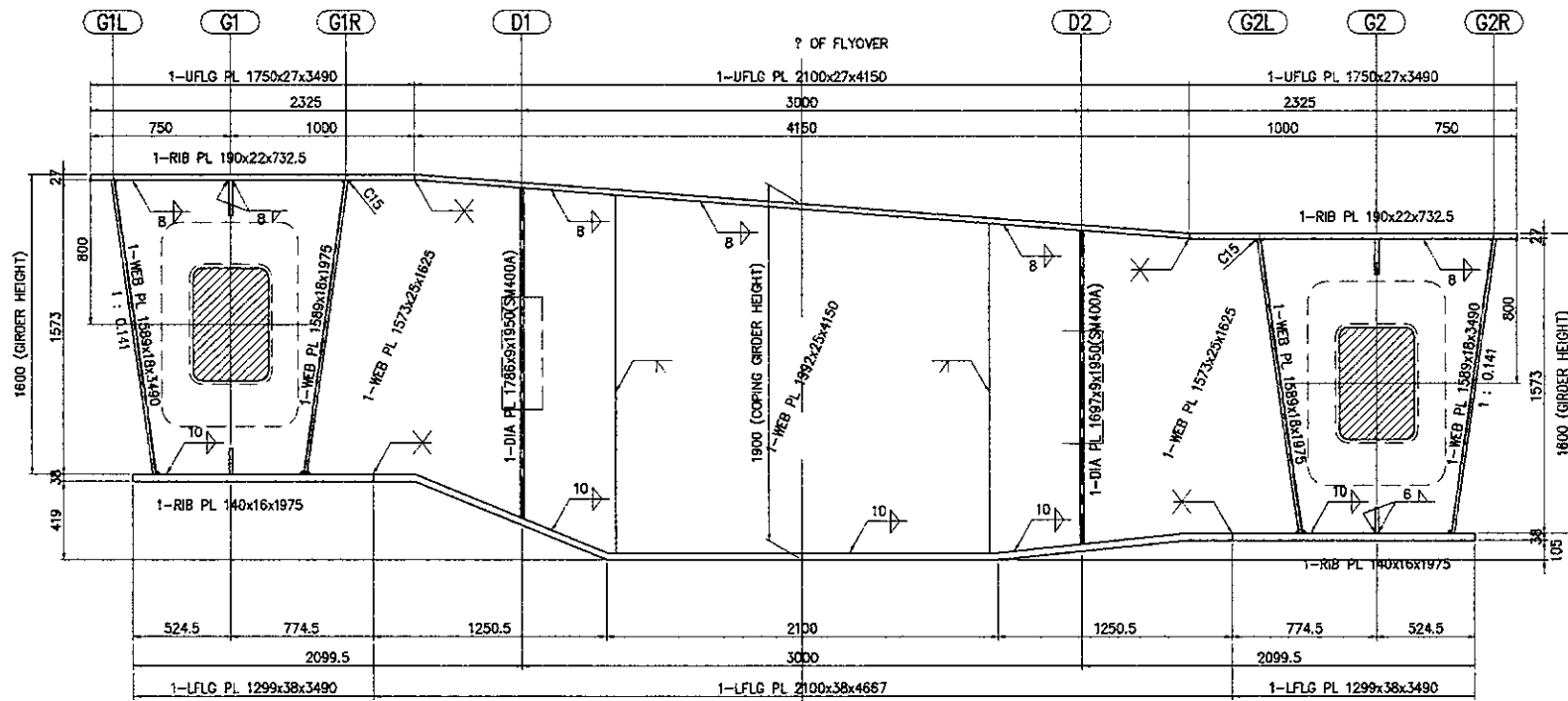
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign:	Sign:	Sign:
Date:	Date:	Date:



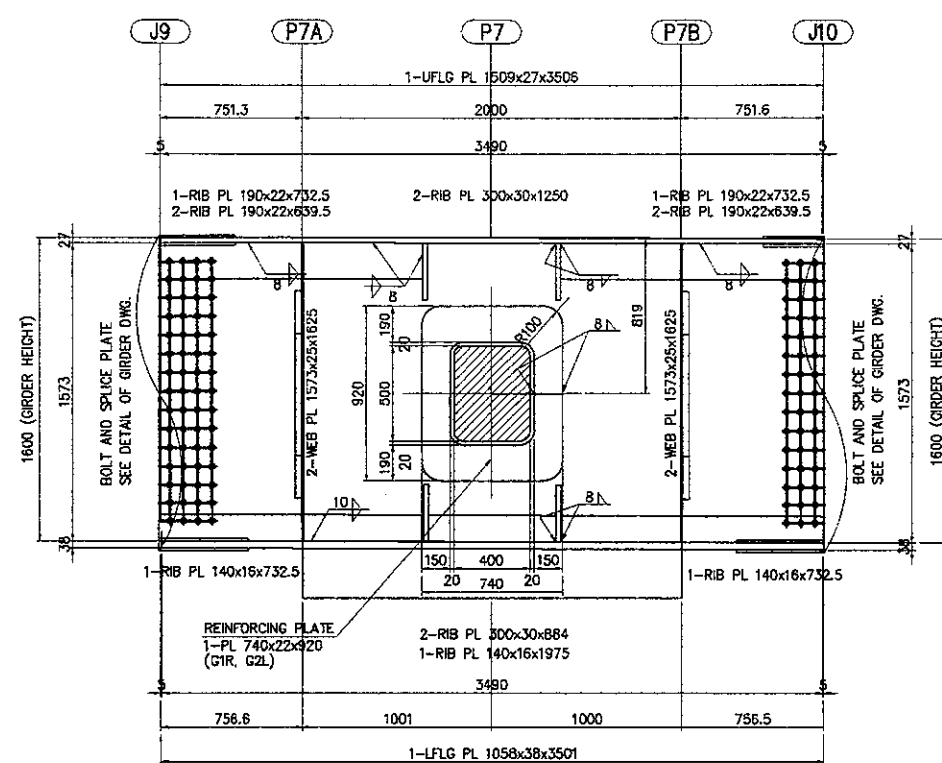
NOTES :
 ALL DIMENSIONS QUALITY OF STEEL REQUIRE OF SM490Y
 ASIDE FROM DIFFERENCE



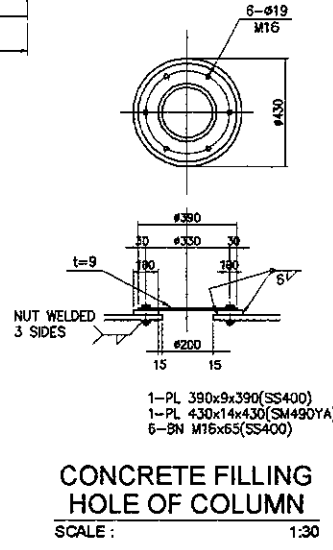
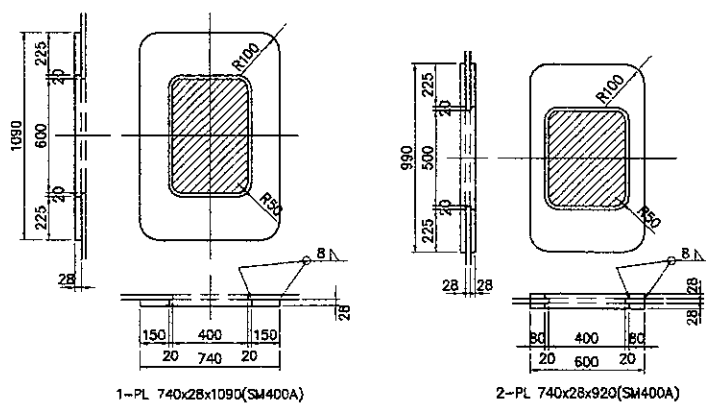
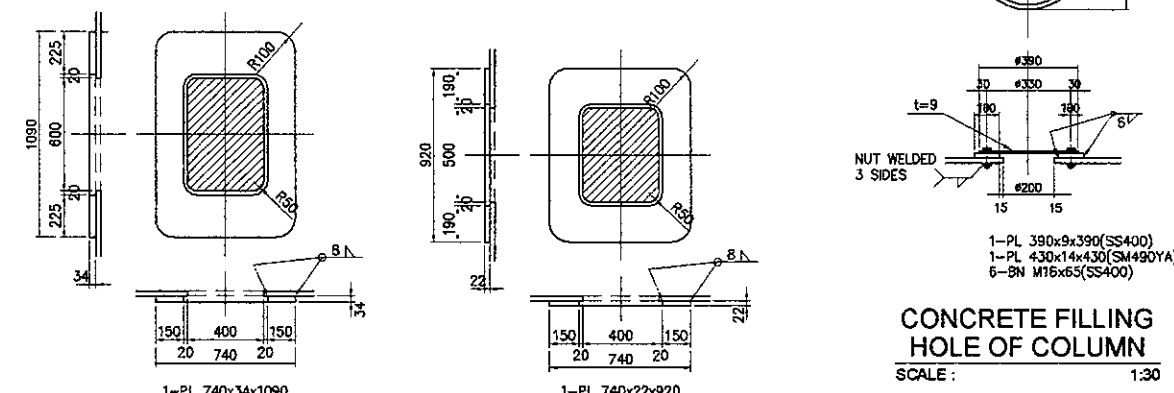
SECTION E-E
 SCALE : 1:40



SECTION G-G
 SCALE : 1:40



SECTION G1 (G2)
 SCALE : 1:40

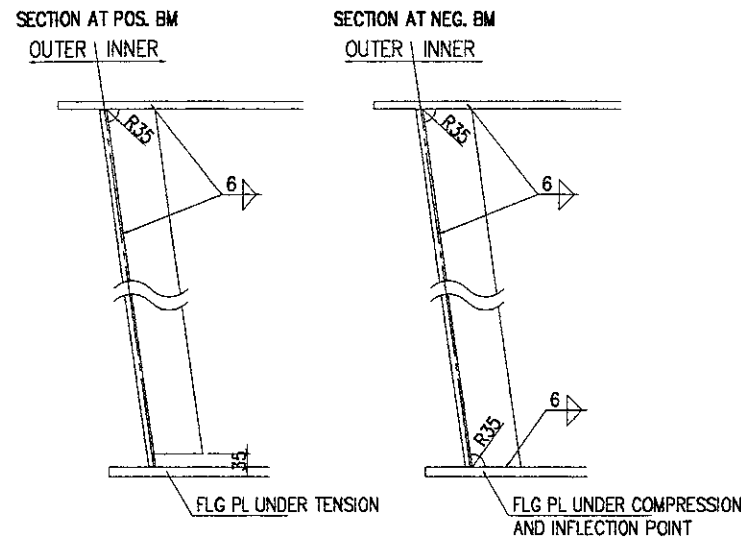


COORDINATES AND ELEVATIONS

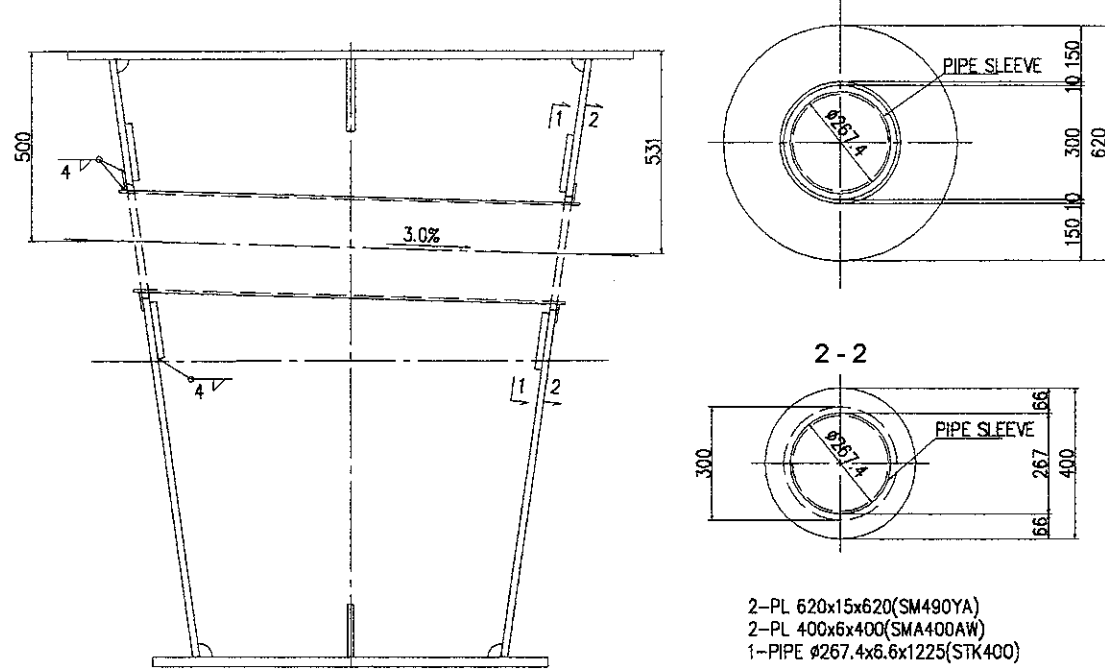
	P7A	P7	P7B
G1L	X 9222895.1060	9222894.7481	9222894.3846
	Y 819608.2397	819609.1735	819610.1051
	Z 870.9072	870.9046	870.9011
G1	X 9222894.5184	9222894.1605	9222893.7970
	Y 819608.0125	819608.9462	819609.8778
	Z 870.9072	870.9046	870.9011
G1R	X 9222893.9308	9222893.5729	9222893.2094
	Y 819607.7852	819608.7190	819609.6506
	Z 870.9072	870.9046	870.9011
CL	X 9222891.6504	9222891.2925	9222890.9290
	Y 819605.9035	819607.8371	819608.7688
	Z 870.7504	870.7478	870.7443
G2L	X 9222889.3699	9222889.0121	9222888.6485
	Y 819608.0213	819606.9551	819607.8867
	Z 870.5937	870.5909	870.5874
G2	X 9222888.7823	9222888.4245	9222888.0609
	Y 819605.7941	819606.7279	819607.6595
	Z 870.5937	870.5909	870.5874
G2R	X 9222888.1947	9222887.8369	9222887.4733
	Y 819605.5689	819606.5007	819607.4322
	Z 870.5937	870.5909	870.5874

NOTES :
 ALL DIMENSIONS QUALITY OF STEEL REQUIRE OF SM490Y
 ASIDE FROM DIFFERENCE

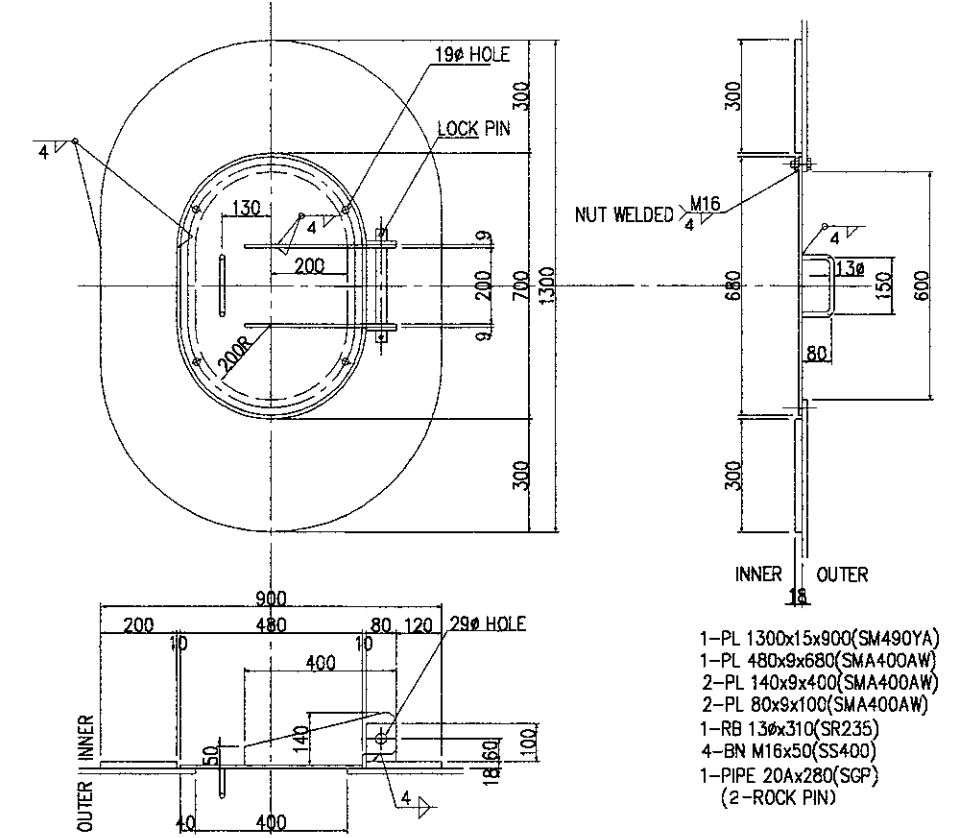
DETAIL OF VERTICAL WEB STIFFENER



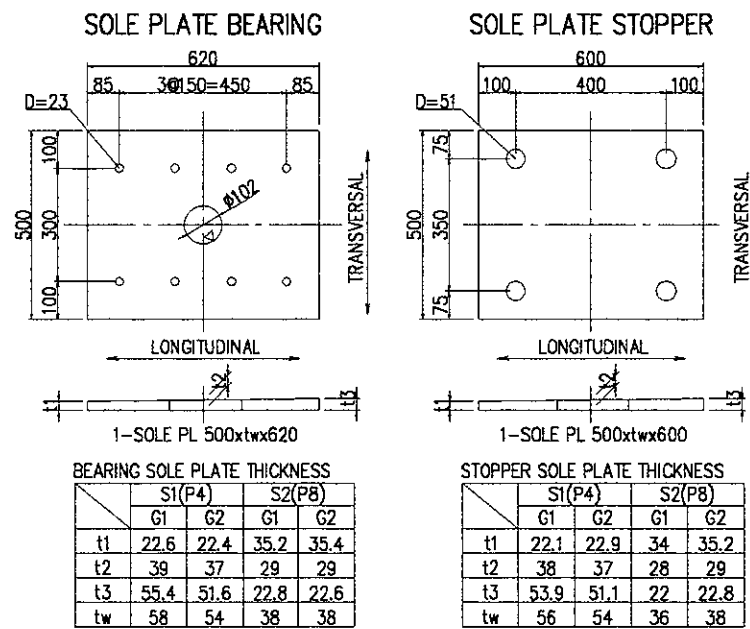
DETAIL OF WEB HOLE FOR DRAIN PIPE



DETAIL OF MAN HOLE



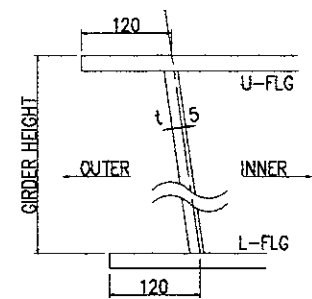
DETAIL OF SOLE PLATE



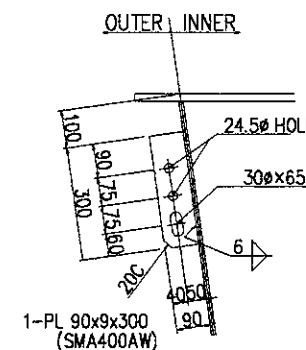
DETAIL OF DRAIN PIPE CROSSING
 SCALE : 1:20

- 2-PL 620x15x620(SM490YA)
- 2-PL 400x6x400(SMA400AW)
- 1-PIPE φ267.4x6.6x1225(STK400)

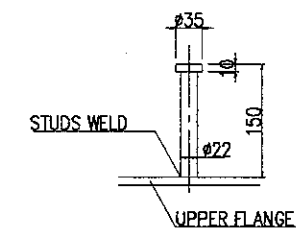
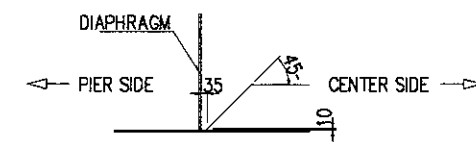
DIMENSION OF GIRDER



DETAIL OF HANGER

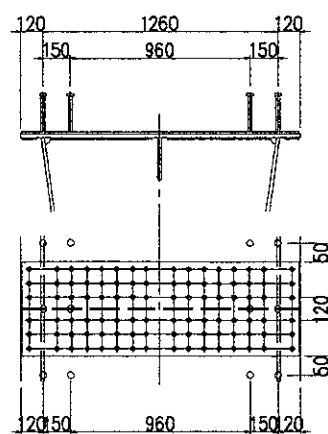


DETAIL OF LOG RIB



DETAIL OF STUDS (CONNECTION TO U-FLG)
 SCALE : 1:10

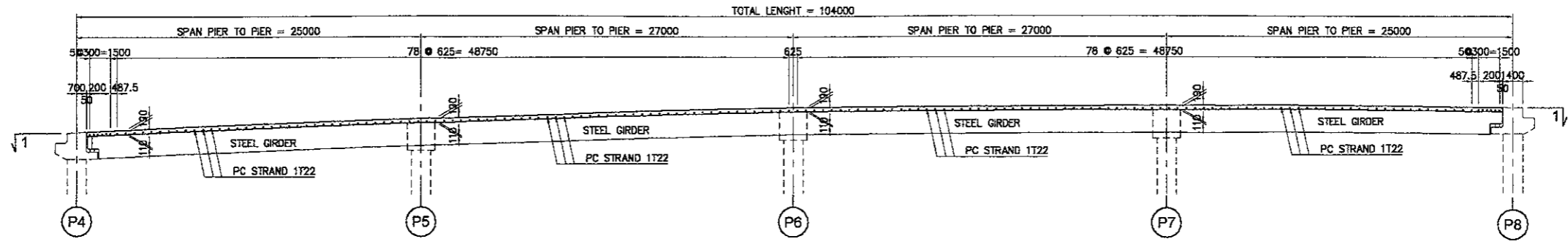
STUDS SHALL BE WELDED TO UPPER SPLICE PLATE



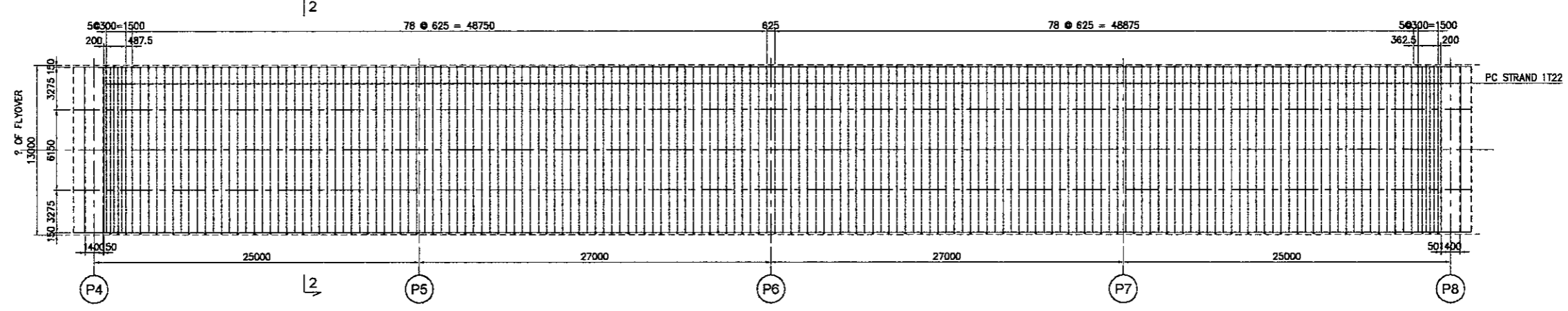
SPAN LENGTH	350	23890	27282	27499	24386	350							
MEMBER LENGTH	3237	9535	9718	3500	11850	11932	3500	11998	12002	3500	9913	9738	3314
STUDS SPACING	10@250 =2500	15@580 =8700	15@600 =9000	8@300 =2400	18@600 =10800	30@532 =15960	19@600 =11400	8@300 =2400	18@600 =11400	30@532 =15960	15@580 =8700	15@600 =9000	438@1025 =4488
	(P4)	(P5)	(P5)	(P6)	(P6)	(P7)	(P7)	(P8)	(P8)	(P8)	(P9)	(P9)	(P10)
	G-1	G-1	G-1	G-1	G-1	G-1	G-1	G-1	G-1	G-1	G-1	G-1	G-1
	48NOS	68NOS	68NOS	40NOS	84NOS	80NOS	36NOS	80NOS	84NOS	40NOS	68NOS	68NOS	48NOS
	G-2	G-2	G-2	G-2	G-2	G-2	G-2	G-2	G-2	G-2	G-2	G-2	G-2
	48NOS	68NOS	68NOS	40NOS	84NOS	80NOS	36NOS	80NOS	84NOS	40NOS	68NOS	68NOS	48NOS
STUDS SPACING	10@250 =2500	15@580 =8700	15@600 =9000	8@300 =2400	18@600 =10640	30@532 =15960	18@600 =10800	8@300 =2400	18@600 =10640	30@532 =15960	15@580 =8700	15@600 =9000	438@1025 =4488
MEMBER LENGTH	3283	9585	9682	3500	11850	11568	3500	11502	11498	3500	9487	9362	3186
SPAN LENGTH	350	23910	26718	26501	27499	23434	350						

STUDS SPACING
 SCALE : 1:400

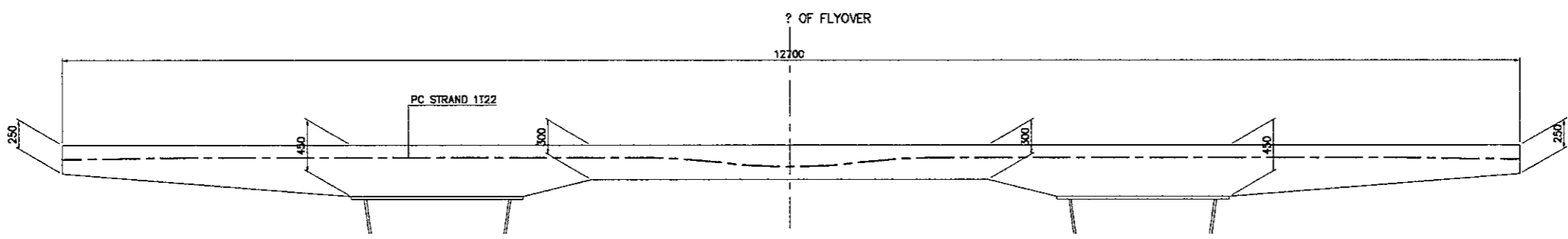
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign: _____	Sign: _____	Sign: _____
Date: _____	Date: _____	Date: _____



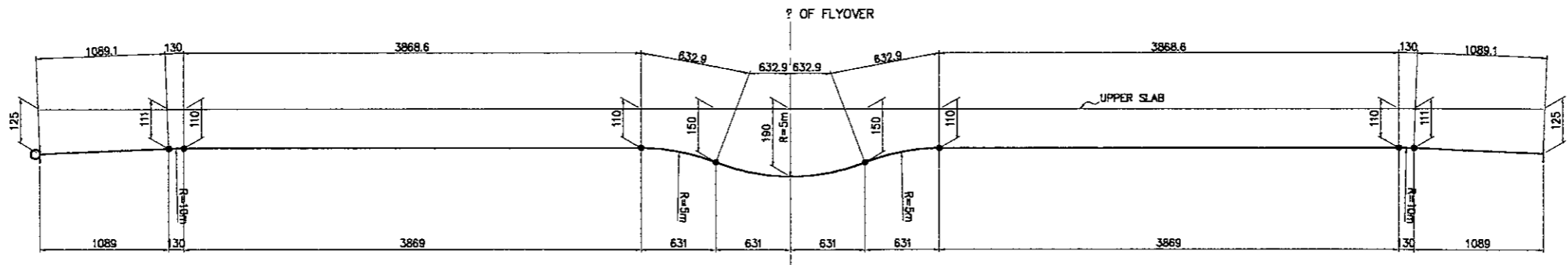
SIDE ELEVATION
 SCALE : 1:400



SECTION 1-1
 SCALE : 1:400



SECTION 2-2
 SCALE : 1:50

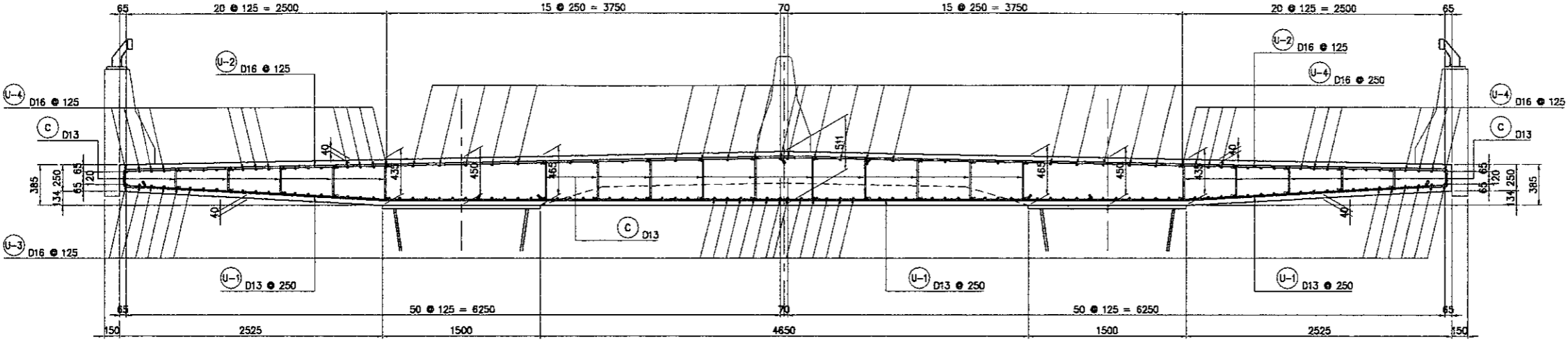


PC CABLE PROFILE
 SCALE : 1:50

TABLE OF DECK SLAB PC CABLES 1T22 (Ø21.8 mm)

Length (m)	NOS	Unit Weight (kg / m)	Weight / 1 nos (kg)	Weight (kg)	Remarks
12.710	170	2.482	31.55	5.362.86	STRESSING ANCHORAGE ONE SIDE STAGERED
TOTAL LENGTH (L) = 2.160.70 m					
TOTAL WEIGHT (W) = 5.362.86 kg					

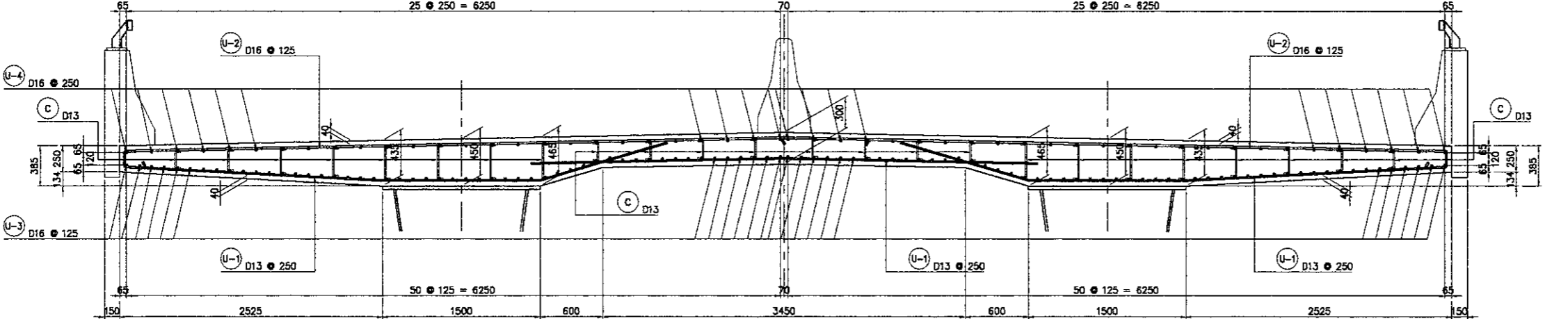
DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign: _____	Sign: _____	Sign: _____
Date: _____	Date: _____	Date: _____



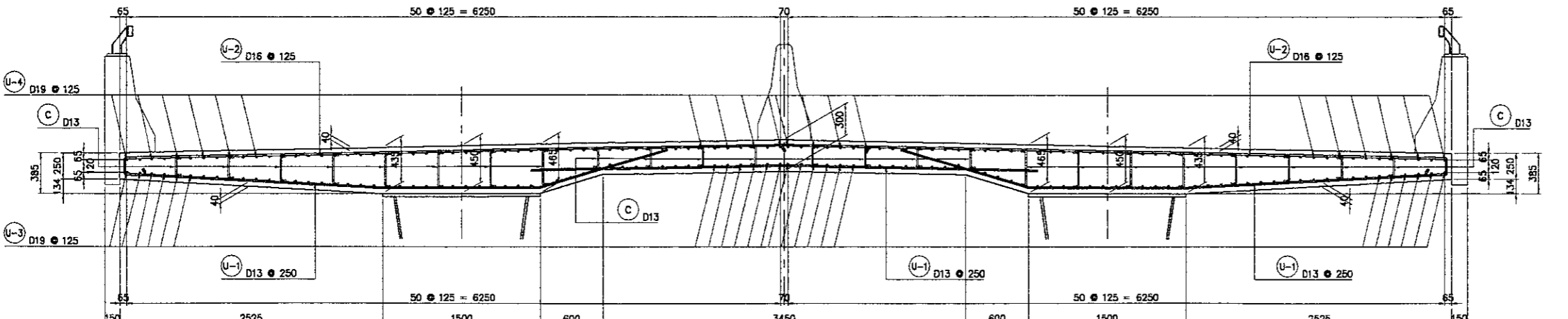
TYPICAL CROSS SECTION REINFORCEMENT AT EXP. JOINT
 SCALE : 1:50

TRANSVERSAL REBAR, LOWER	: U-1
TRANSVERSAL REBAR, UPPER	: U-2
LONGITUDINAL REBAR, LOWER	: U-3
LONGITUDINAL REBAR, UPPER	: U-4
ERECTION REBAR	: C
REBAR CLEAR COVER	: 40 mm, ALL

- NOTES :
- ALL DIMENSION ARE IN MILLIMETER UNLESS NOTED OTHERWISE
 - CONCRETE , $f_c' = 35 \text{ MPa}$
 - REBARS, BJTD 40, $f_y = 400 \text{ MPa}$
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO CARRY OUT THE FOLLOWING BEFORE CONSTRUCTION :
 - VERIFICATION OF ALL ELEVATIONS AND DIMENSIONS, USING ACTUAL FIELD SURVEY
 - PREPARATION AND SUBMISSION OF SHOP DRAWINGS FOR ALL BRIDGE COMPONENTS FOR THE ENGINEERS APPROVAL

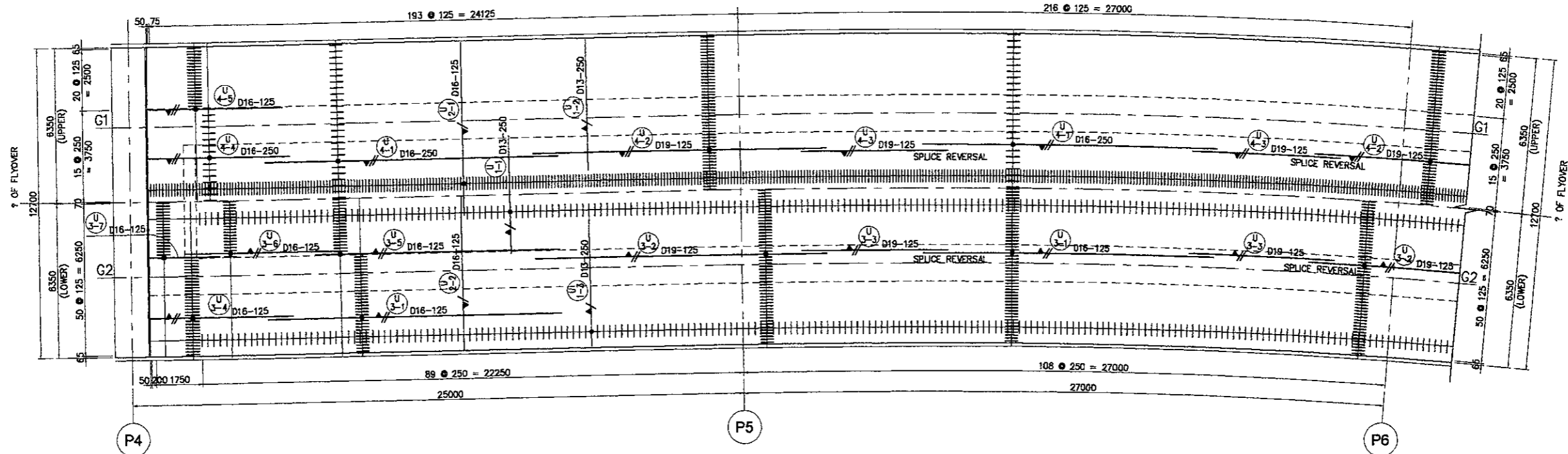


TYPICAL CROSS SECTION REINFORCEMENT AT MIDSPAN
 SCALE : 1:50



TYPICAL CROSS SECTION REINFORCEMENT AT PIER
 SCALE : 1:50

DESIGNED BY	CHECKED BY	SUBMITTED BY
Name: S. MATSUI	Name: T. OKUMURA	Name: M. KIUCHI
Sign: _____	Sign: _____	Sign: _____
Date: _____	Date: _____	Date: _____

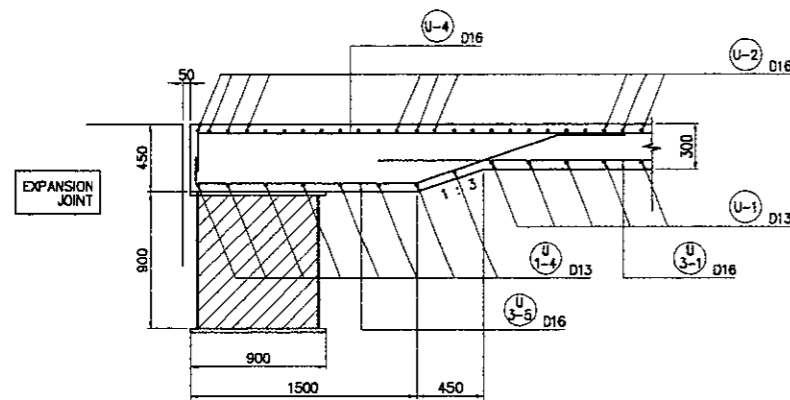


DECK SLAB REINFORCEMENT ARRANGEMENT P4 - P6
 SCALE : 1:200

DECK POURING SEQUENCE :
 TO CONTROL THE EFFECTS OF CONCRETE SHRINKAGE THE DECK IS TO BE POURED IN SECTIONS NOT EXCEEDING 30 METRES IN LENGTH WITH A MINIMUM SEVEN (7) DAY DELAY BETWEEN ADJOINING POURS. A STAGGERED SEQUENCE OF POURS MAY BE USED.

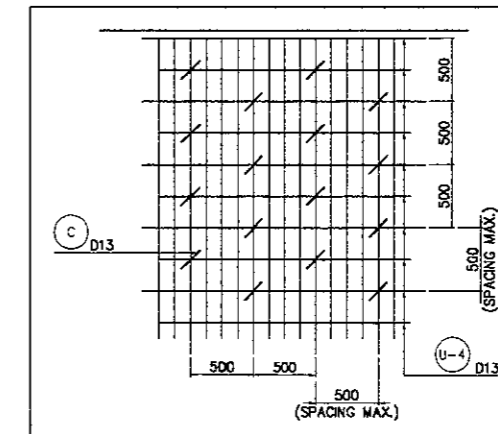
REBARS NOTATION :

- DENOTES TOP REBARS 1st LAYER
- DENOTES TOP REBARS 2nd LAYER
- DENOTES BOTTOM REBARS 1st LAYER
- DENOTES BOTTOM REBARS 2nd LAYER



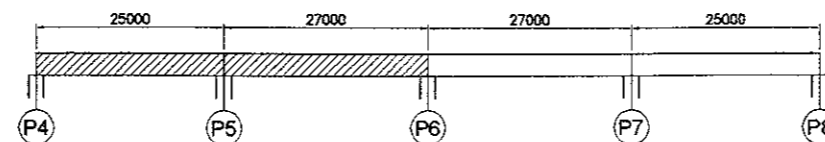
SECTION AT END SLAB THICKNESS
 SCALE : 1:50

ERECTION BAR SPACING (3 NOS/Sq.m)



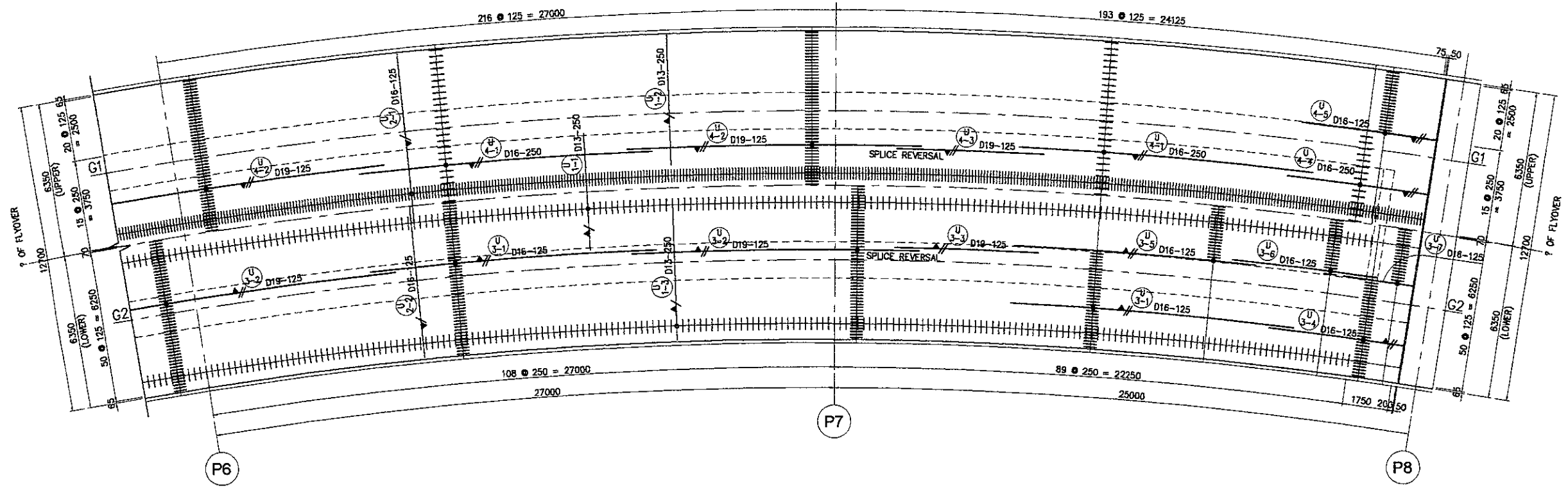
CLEAR COVERS :

- TOP : 40 MM
- BOTTOM : 40 MM
- SIDE : 40 MM

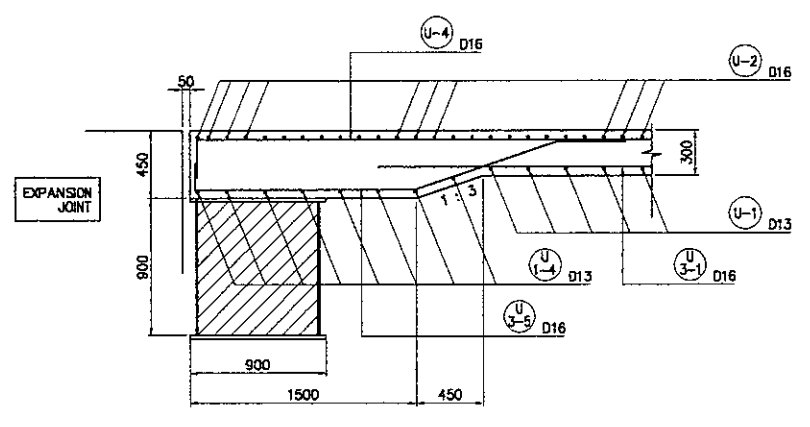


KEY PLAN
 NOT TO SCALE

DESIGNED BY		CHECKED BY		SUBMITTED BY	
Name	S. MATSUI	Name	T. OKUMURA	Name	M. KIUCHI
Sign		Sign		Sign	
Date		Date		Date	



DECK SLAB REINFORCEMENT ARRANGEMENT P6 - P8
 SCALE : 1:200



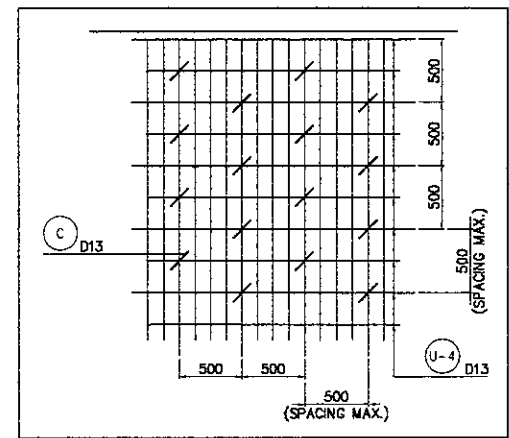
SECTION AT END SLAB THICKNESS
 SCALE : 1:50

DECK POURING SEQUENCE :
 TO CONTROL THE EFFECTS OF CONCRETE SHRINKAGE THE DECK IS TO BE POURED IN SECTIONS NOT EXCEEDING 30 METRES IN LENGTH WITH A MINIMUM SEVEN (7) DAY DELAY BETWEEN ADJOINING POURS. A STAGGERED SEQUENCE OF POURS MAY BE USED.

REBARS NOTATION :

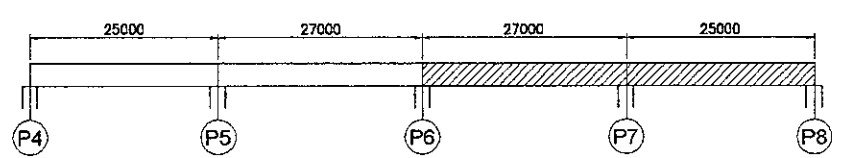
- /— DENOTES TOP REBARS 1st LAYER
- //— DENOTES TOP REBARS 2nd LAYER
- \— DENOTES BOTTOM REBARS 1st LAYER
- \\— DENOTES BOTTOM REBARS 2nd LAYER

ERECTION BAR SPACING (3 NOS/Sq.m)






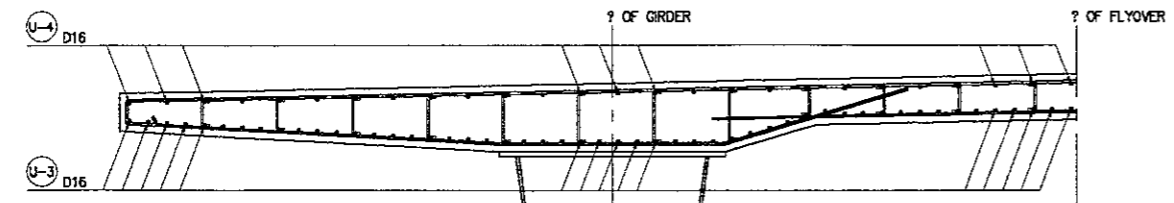
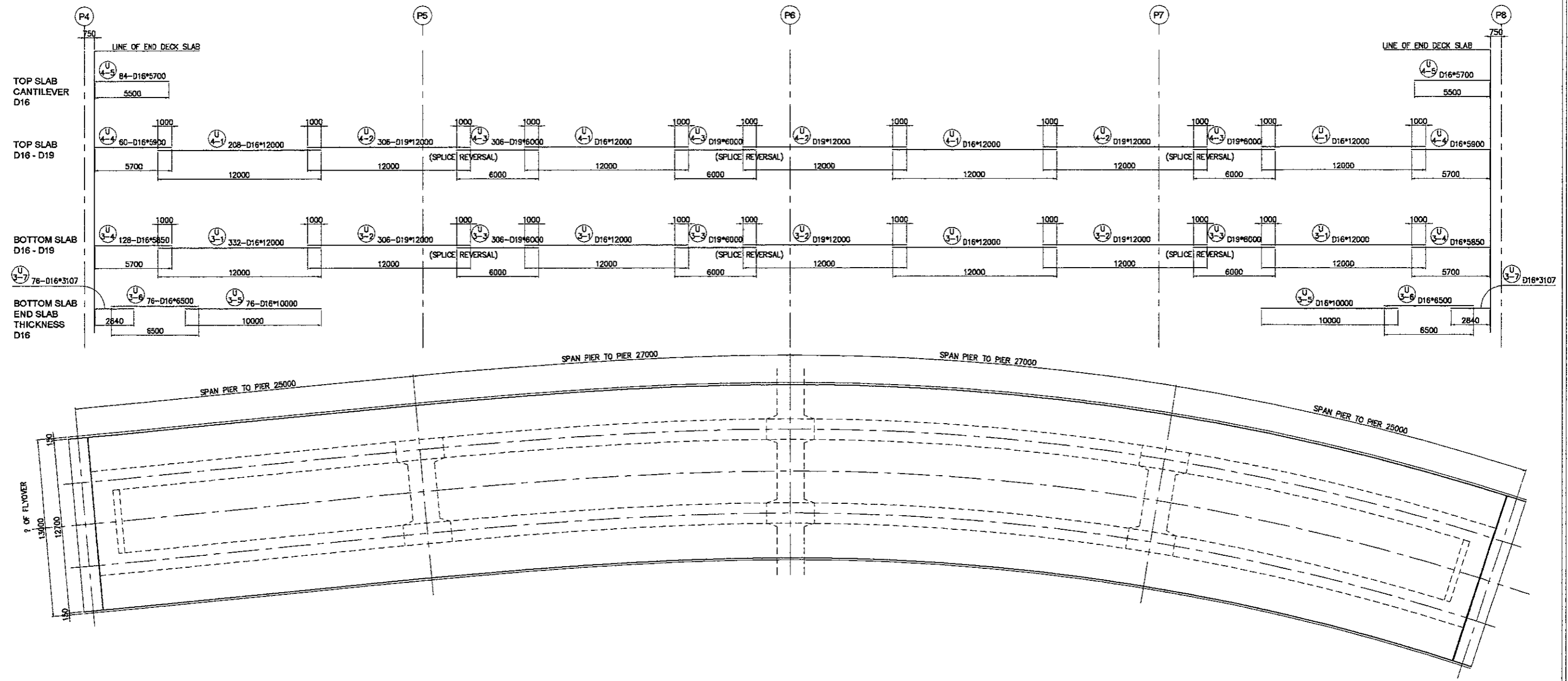
CLEAR COVERS :

- TOP : 40 MM
- BOTTOM : 40 MM
- SIDE : 40 MM



KEY PLAN
 NOT TO SCALE

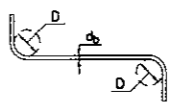
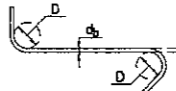
 JAPAN INTERNATIONAL COOPERATION AGENCY  KATAHIRA & ENGINEERS INTERNATIONAL	DESIGNED BY	CHECKED BY	SUBMITTED BY	 REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HIGHWAYS APPROVED BY Ir. HERRY VAZA M,Eng.Sc NIP. : 110038400	PROJECT AND LOCATION :	SCALE :	DRAWING TITLE :	DRAWING NO. :
	Name S. MATSUI	Name T. OKUMURA	Name M. KIUCHI		DETAILLED DESIGN STUDY OF NORTH JAVA CORRIDOR FLYOVER PROJECT NAGREG FLYOVER - CONTRACT PACKAGE 2 (NAGREG - GEBANG) WEST JAVA PROVINCE	NOT TO SCALE	DECK SLAB REINFORCEMENT SCHEDULE P4 - P8 (1 OF 2)	NST-45
	Sign	Sign	Sign		Date	DATE	DATE	SHEET NO. :



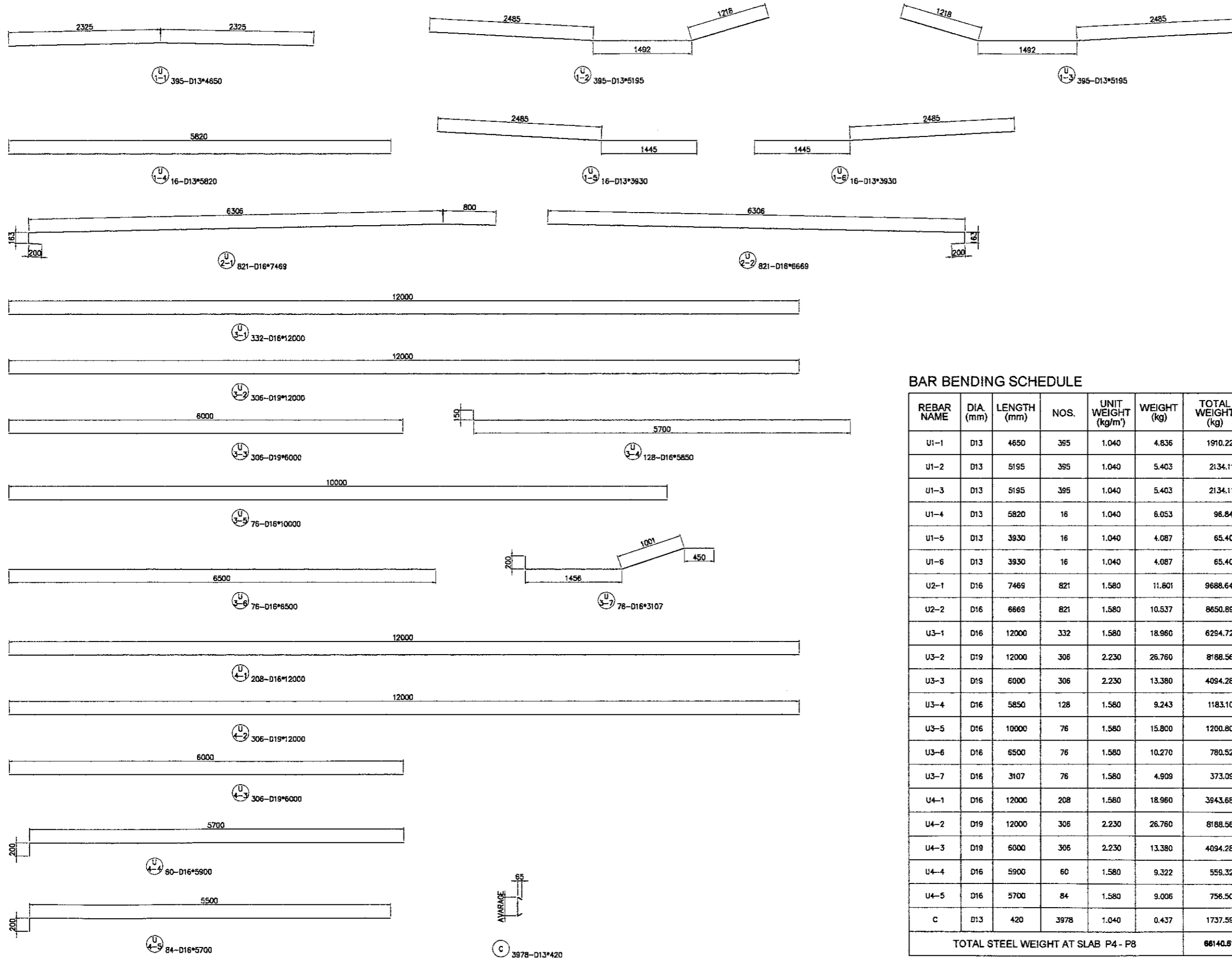
SPLICE LENGTH

TRANSVERSAL	D13	500
	D16	800
LONGITUDINAL	D16 to D19	1000

STANDARD HOOKS

BENDING ANGLE OF REBARS	FIGURE	DIAMETER OF REBARS	DIAMETER OF BEND OF REBARS OUT TO OUT	STRAIGHT EXTENSION LENGTH
90°		D10 TO 16 GENERAL	6 db	6 db
		D10 TO 16 STIRRUP AND TIES	4 db	6 db
		D32	6 db	12 db
135°		D10 to D25	8 db	6 db

 JAPAN INTERNATIONAL COOPERATION AGENCY KATAHIRA & ENGINEERS INTERNATIONAL	DESIGNED BY	CHECKED BY	SUBMITTED BY	 REPUBLIC OF INDONESIA MINISTRY OF PUBLIC WORKS DIRECTORATE GENERAL OF HIGHWAYS	PROJECT AND LOCATION :	SCALE :	DRAWING TITLE :	DRAWING NO. :	
	Name S. MATSUI	Name T. OKUMURA	Name M. KIUCHI		APPROVED BY Ir. HERRY VAZA M,Eng.Sc NIP. : 110038400	DETAILED DESIGN STUDY OF NORTH JAVA CORRIDOR FLYOVER PROJECT NAGREG FLYOVER - CONTRACT PACKAGE 2 (NAGREG - GEBANG) WEST JAVA PROVINCE	NOT TO SCALE	DECK SLAB REINFORCEMENT SCHEDULE P4 - P8 (2 OF 2)	NST-46
	Sign	Sign	Sign			Sign	FULL SIZE A3	SHEET NO. : 46 / 46	



BAR BENDING SCHEDULE

REBAR NAME	DIA (mm)	LENGTH (mm)	NOS.	UNIT WEIGHT (kg/m')	WEIGHT (kg)	TOTAL WEIGHT (kg)	DIAGRAM	REMARKS
U1-1	D13	4650	395	1.040	4.836	1910.22		
U1-2	D13	5195	395	1.040	5.403	2134.11		
U1-3	D13	5195	395	1.040	5.403	2134.11		
U1-4	D13	5820	16	1.040	6.053	96.84		
U1-5	D13	3930	16	1.040	4.087	65.40		
U1-6	D13	3930	16	1.040	4.087	65.40		
U2-1	D16	7469	821	1.580	11.801	9688.64		
U2-2	D16	6669	821	1.580	10.537	8650.89		
U3-1	D16	12000	332	1.580	18.960	6294.72		
U3-2	D19	12000	306	2.230	26.760	8188.56		
U3-3	D19	6000	306	2.230	13.380	4094.28		
U3-4	D16	5850	128	1.580	9.243	1183.10		
U3-5	D16	10000	76	1.580	15.800	1200.80		
U3-6	D16	6500	76	1.580	10.270	780.52		
U3-7	D16	3107	76	1.580	4.909	373.09		
U4-1	D16	12000	208	1.580	18.960	3943.68		
U4-2	D19	12000	306	2.230	26.760	8188.56		
U4-3	D19	6000	306	2.230	13.380	4094.28		
U4-4	D16	5900	60	1.580	9.322	559.32		
U4-5	D16	5700	84	1.580	9.006	756.50		
C	D13	420	3978	1.040	0.437	1737.58		AVERAGE LENGTH
TOTAL STEEL WEIGHT AT SLAB P4 - P8						66140.61		