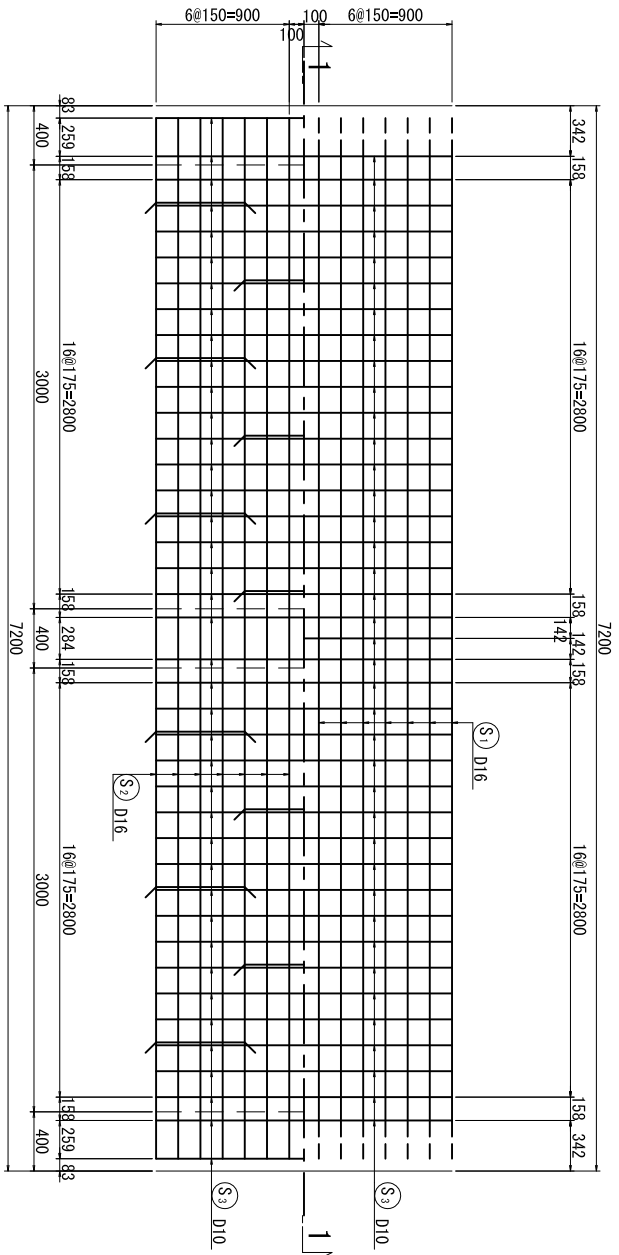
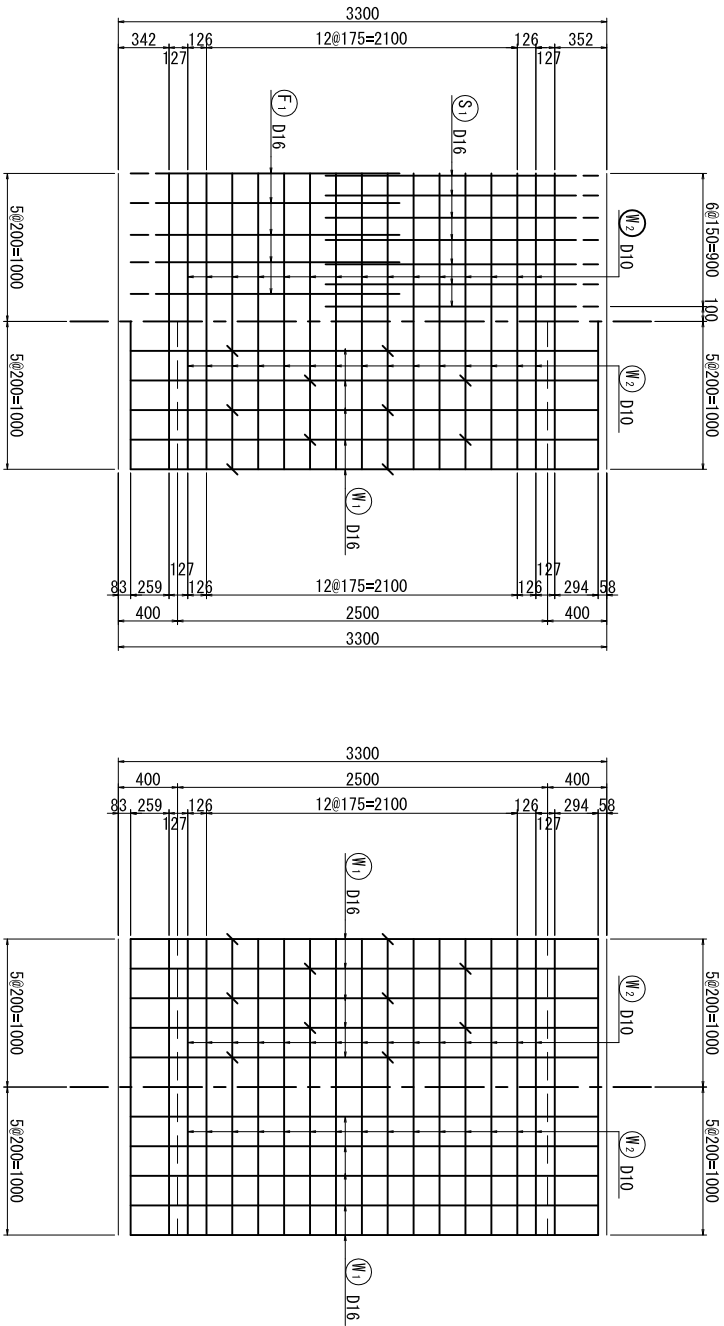


SECTION 1 - 1

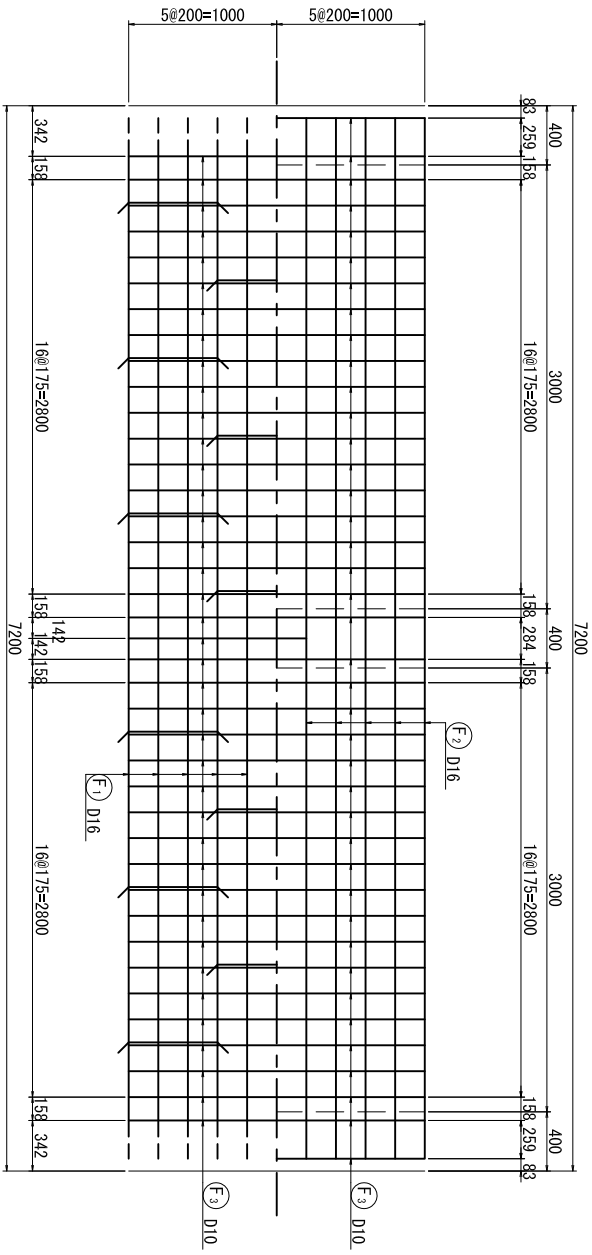


SECTION 2 - 2 SECTION 3 - 3



SECTION 6 - 6 SECTION 7 - 7

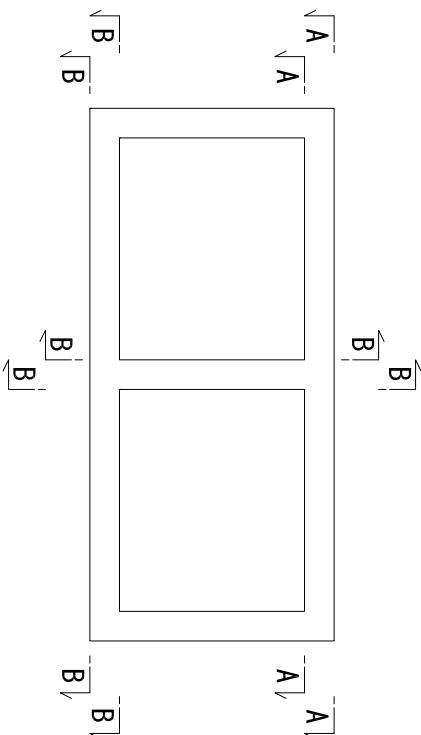
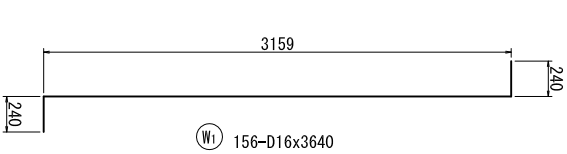
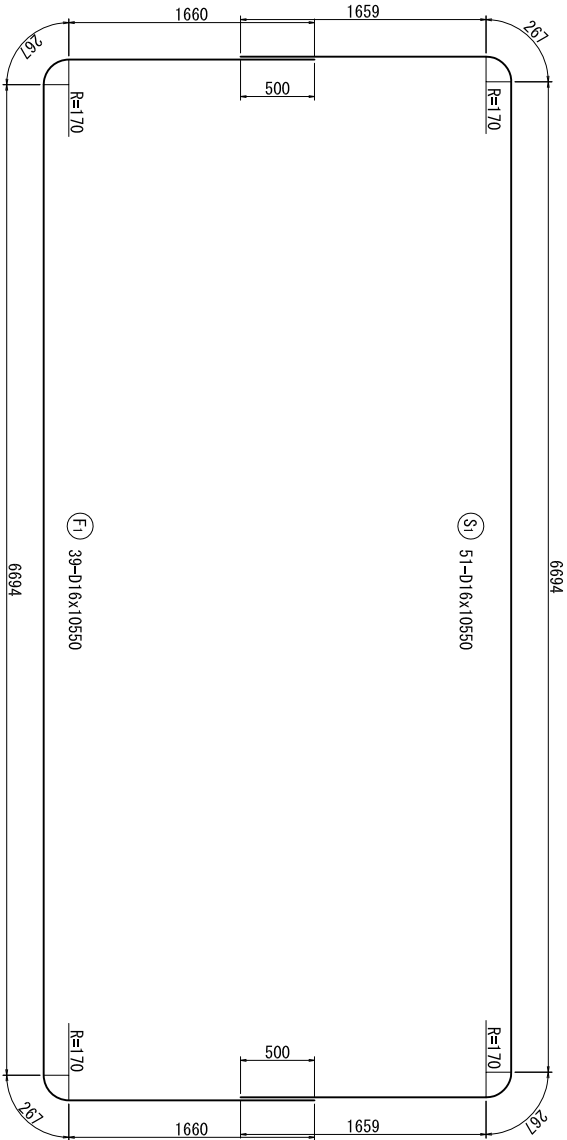
SECTION 8 - 8 SECTION 9 - 9



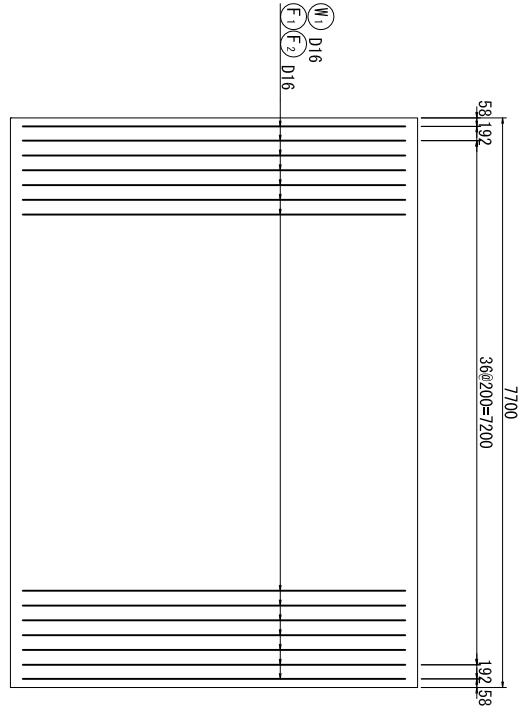
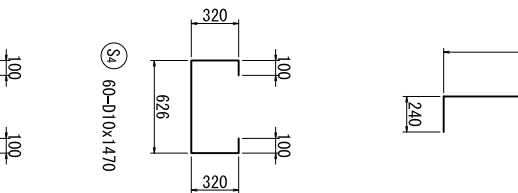
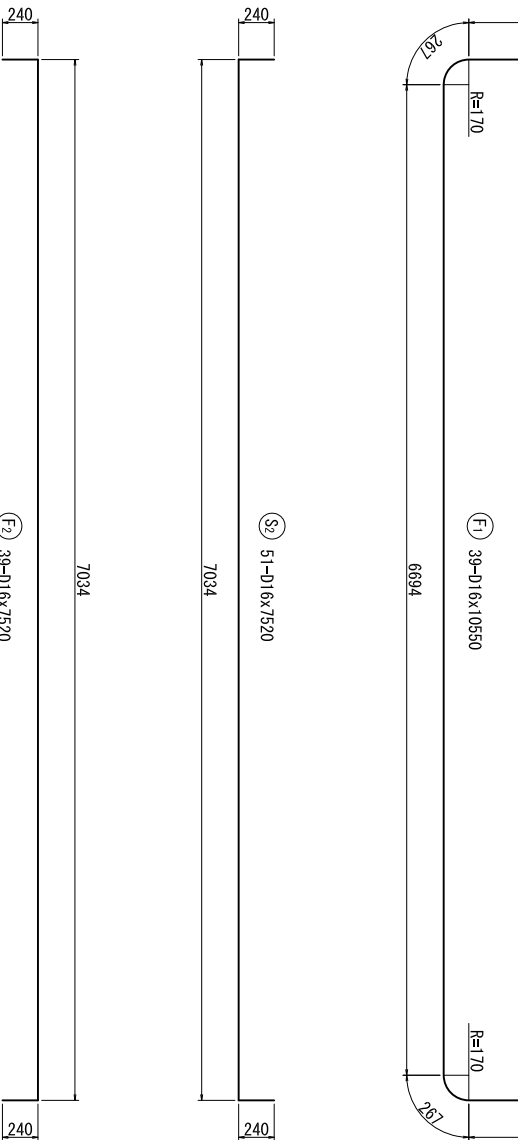
SECTION 4 - 4 SECTION 5 - 5

Twin Box Culvert

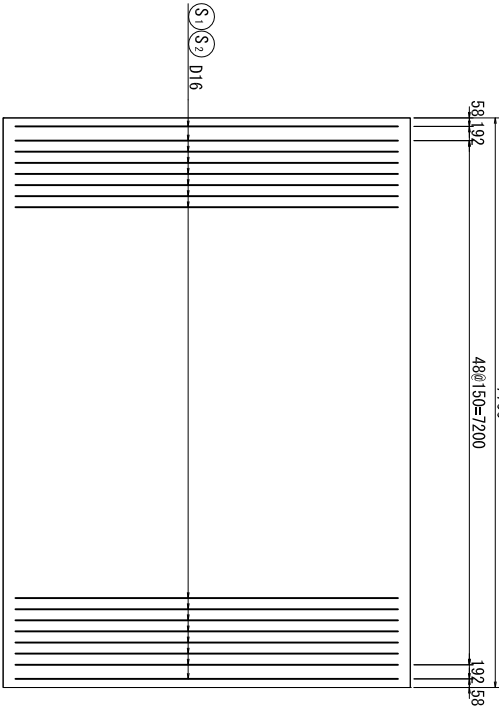
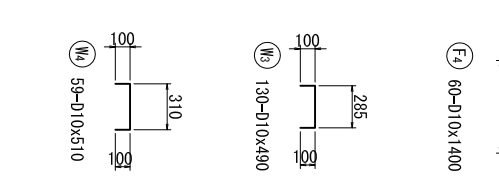
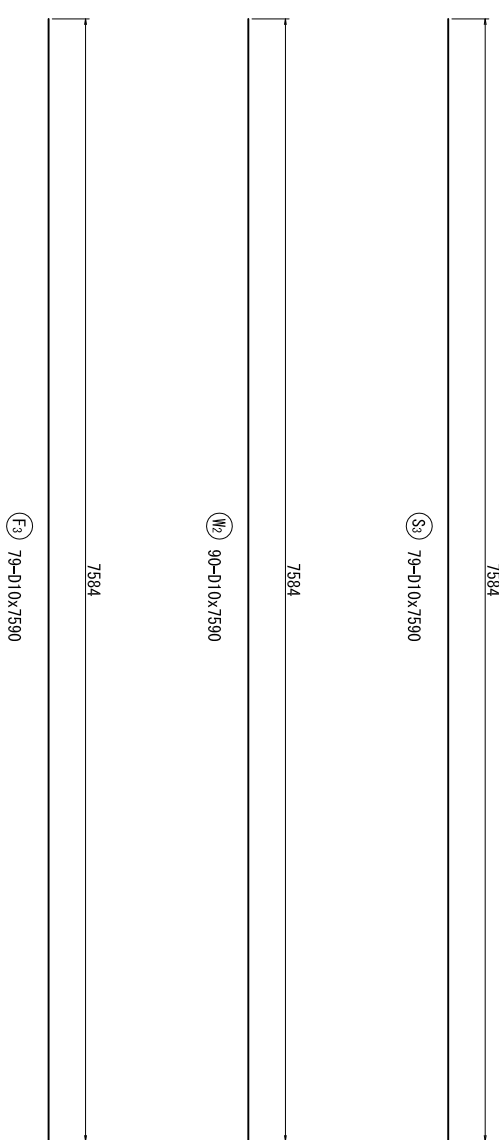
JAPAN INTERNATIONAL COOPERATION AGENCY	THE PROJECT FOR REHABILITATION OF COMMUNITY INFRASTRUCTURE FOR RETURNEES AND RECEIVING COMMUNITIES IN NANGARHAR PROVINCE IN THE ISLAMIC REPUBLIC OF AFGHANISTAN	Reviewed by: _____	KATAHIRA & ENGINEERS INTERNATIONAL	Prepared by: _____	TITLE : REINFORCEMENT BAR ARRANGEMENT OF TWIN BOX CULVERT - Khushgumbad-RIVER	SCALE	Drawing No.		
						S=1/50	GA-B-RB-04 _RBA-1		



MARK



SECTION B - B



SECTION A - A

Reinforcing Bars Processing

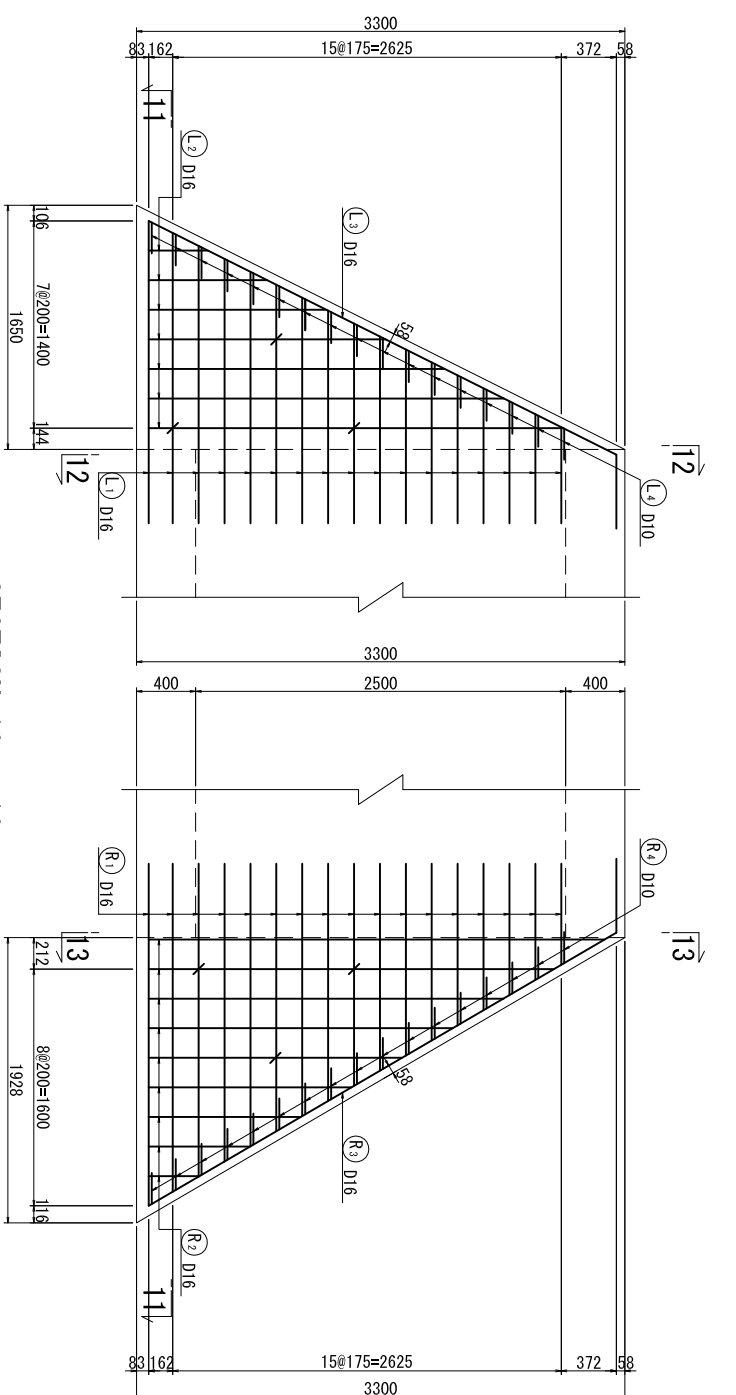
Twin Box Culvert

Scale=1/50

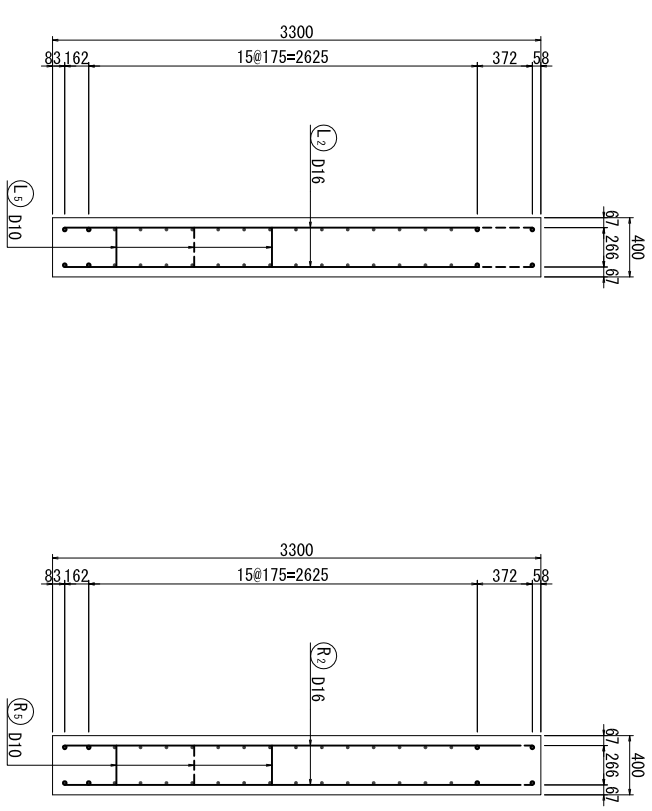
Arrangement of Bar

Scale=1/100

JAPAN INTERNATIONAL COOPERATION AGENCY	THE PROJECT FOR REHABILITATION OF COMMUNITY INFRASTRUCTURE FOR RETURNEES AND RECEIVING COMMUNITIES IN NANGARHAR PROVINCE IN THE ISLAMIC REPUBLIC OF AFGHANISTAN	Reviewed by: _____	KATAHIRA & ENGINEERS INTERNATIONAL	Prepared by: _____	TITLE : REINFORCEMENT BAR ARRANGEMENT OF TWIN BOX CULVERT - Khushgumbad-RIVER	SCALE	Drawing No.
						As Shown	GA-B-RB-04_RBA-2
							Rv.

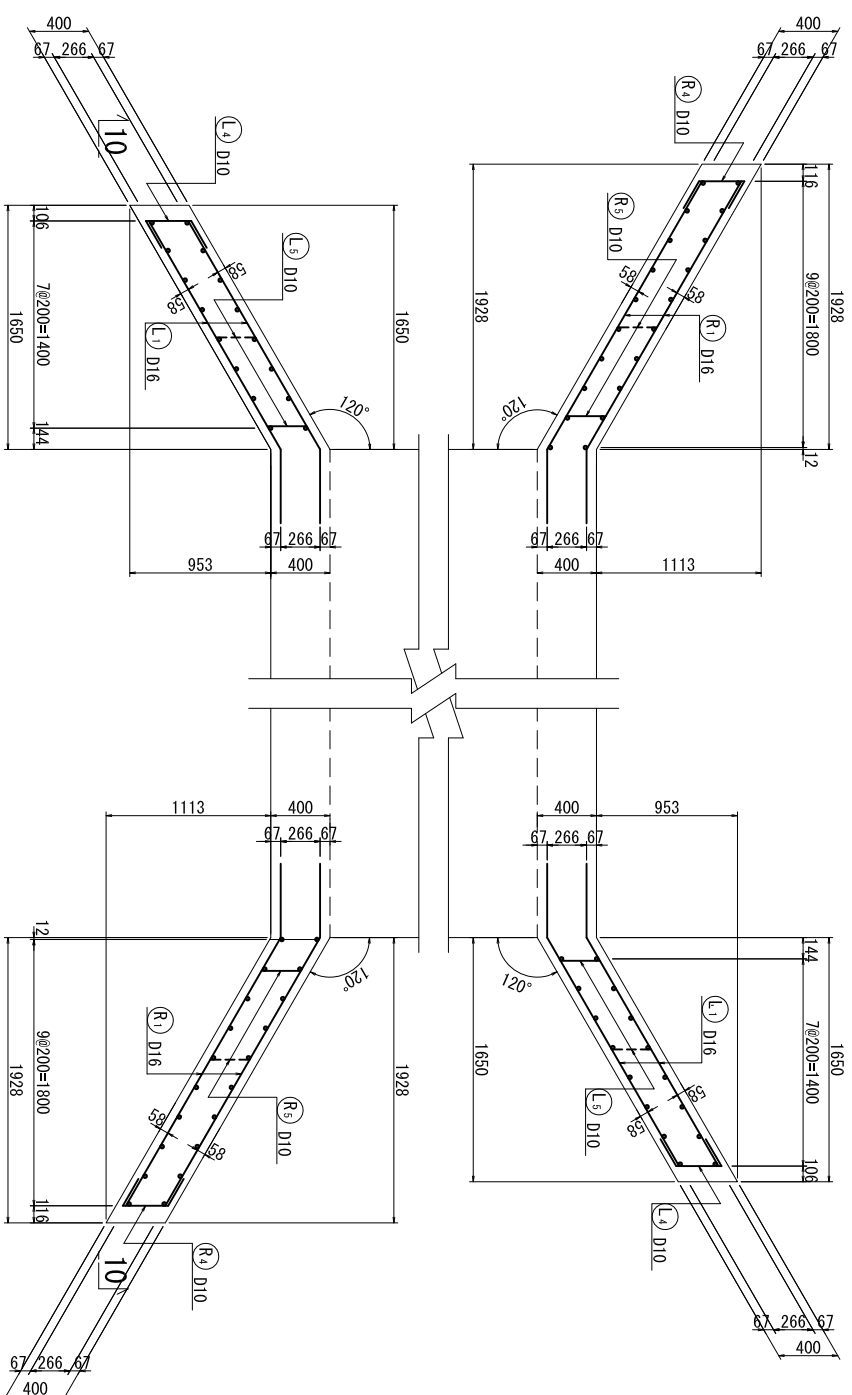


SECTION 10 - 10



SECTION 12 - 12

SECTION 13 - 13



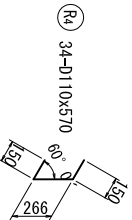
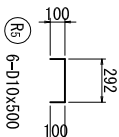
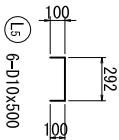
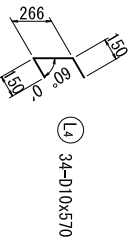
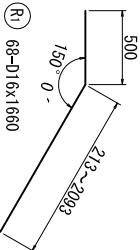
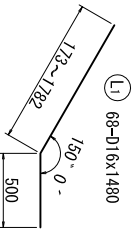
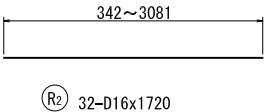
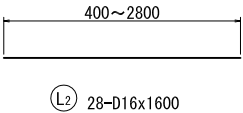
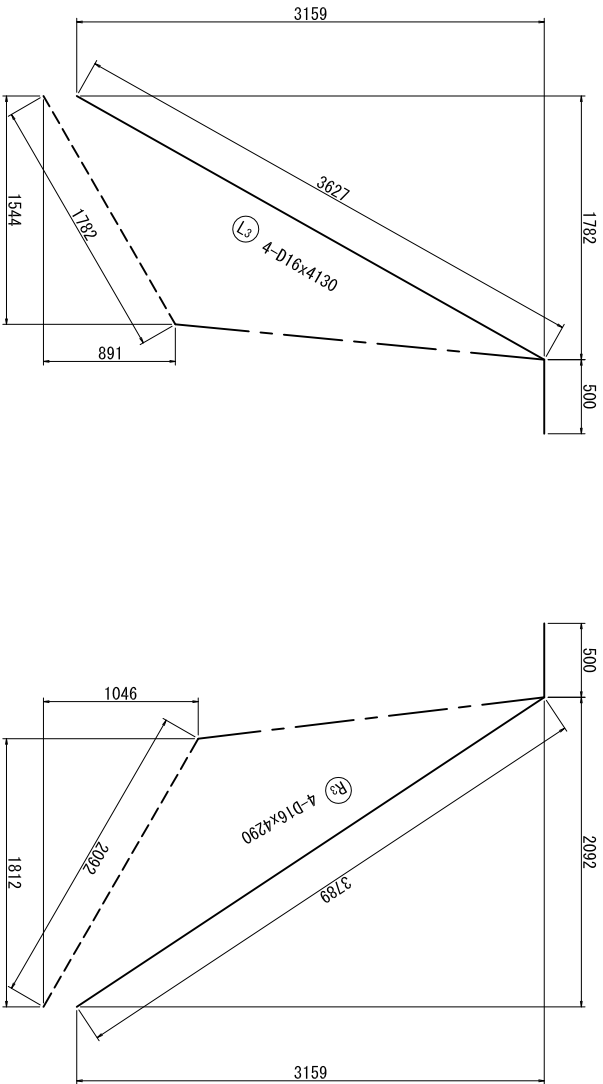
SECTION 11 - 11

Wing Wall

JAPAN INTERNATIONAL COOPERATION AGENCY	THE PROJECT FOR REHABILITATION OF COMMUNITY INFRASTRUCTURE FOR RETURNEES AND RECEIVING COMMUNITIES IN NANGARHAR PROVINCE IN THE ISLAMIC REPUBLIC OF AFGHANISTAN	Reviewed by: _____	KATAHIRA & ENGINEERS INTERNATIONAL _____	Prepared by: _____	TITLE : REINFORCEMENT BAR ARRANGEMENT OF TWIN BOX CULVERT - Khushgumbad-RIVER	SCALE	Drawing No.		
						S=1/50	GA-B-RB-04		
							_RBA-3		
									Pv.

Reinforcement Bar List

Mark	Sizu	Length	No.	Weight/ (kg)	Unit Weight (kg)	Weight (kg)	Remarks
Box Weight							
S1	D16	10550	51	1.579	16.66	850	┐
2	"	7520	51	"	11.87	605	┐
3	"	7590	79	"	11.98	946	┐
4	D10	1470	60	0.616	0.91	55	┐
24569							
W1	D16	3640	156	1.579	5.75	897	┐
2	"	7590	90	"	11.98	1078	┐
3	D10	490	130	0.616	0.30	39	┐
4	"	510	59	"	0.31	18	┐
20329							
F1	D16	10550	39	1.579	16.66	650	┐
2	"	7520	39	"	11.87	463	┐
3	"	7590	79	"	11.98	946	┐
4	D10	1400	60	0.616	0.86	52	┐
21119							
Box Culvert Weight							
D16 64359							
D10 1649							
Total 65999							
Wing Weight							
L1	D16	1480	68	1.579	2.34	159	┐
2	"	1600	28	"	2.53	71	┐
3	"	4130	4	"	6.52	26	┐
4	D10	570	34	0.616	0.35	12	┐
5	"	500	6	"	0.31	2	┐
2749							
R1	D16	1660	68	1.579	2.62	178	┐
2	"	1720	36	"	2.72	98	┐
3	"	4290	4	"	6.77	27	┐
4	D10	570	34	0.616	0.35	12	┐
5	"	500	6	"	0.31	2	┐
3179							
Wing Wall Weight							
D16 5549							
D10 289							
TOTAL 5879							
Total Weight							
D16 69949							
D10 1929							
Total 7189							



Reinforcing Bars Processing

Wing Wall