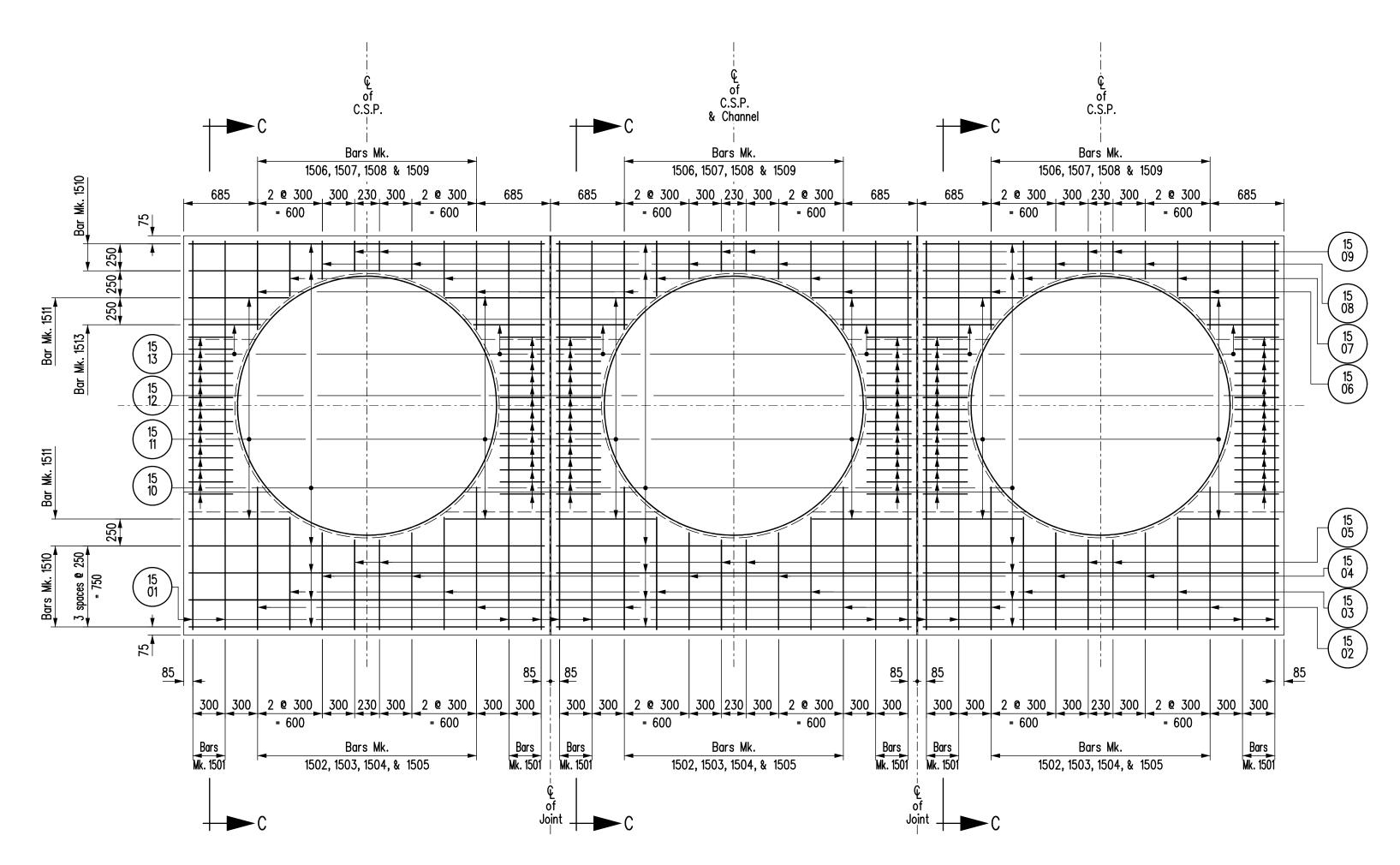
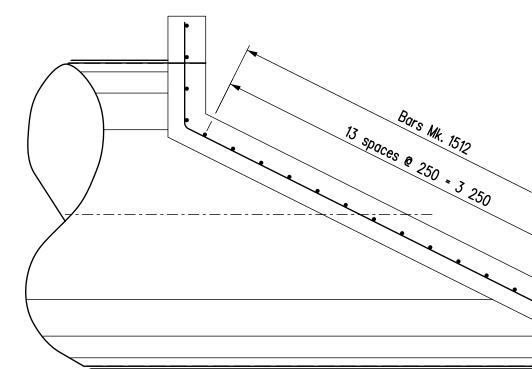


PART PLAN



ELEVATION



SECTION C-C

MARK	TYPE	PIN DIAMETER	LENGTH	No.	MASS	BENDING DIAGRAM			
1501	BENT	90	5 600	24	211.01	1 180			
1502	STR		1 320	12	24.87				
1503	STR	++	1 040	12	19.59				
1504	STR	+ +	900	12	16.96				
1505	STR	+ +	830	12	15.64				
1506	STR	1	820	12	15.45				
1507	STR		510	12	9.61				
1508	STR		350	12	6.59				
1509	STR		280	12	5.28				
1510	STR		3 290	36	185.95				
1511	STR		920	24	34.67				
1512	STR		410	168	108.14				
1513	STR		660	12	12.43				
Total mass of reinforcing steel       666.19 kg         Total volume of structural concrete       18.85 m³         NOTES:       1. All dimensions given in bending diagram are out to out, except radii and extensions on 90°, 135° & 180° hooks. Extension on 90°, 135° & 180° hooks are the "A" or "G" dimensions for the standard 90°, 135° & 180° hooks referenced from the RSIC "Manual of Standard Practice". Radii are inside dimensions. All reinforcing steel bends and hooks shall conform to									
Clause	e 6.6.2 of	C.S.A. A23.1-0	)4, unless note	ed otherwis	se in the BILL C	DF REINFORCING STEEL.			
2. All rei	inforcing st	teel shall be a	Jeformed stee	el, unless no	oted otherwise	in the BILL OF REINFORCING STEEL.			
3. All rei unless	inforcing st noted oth	teel shall conf nerwise in the	form to CSA BILL OF REINI	G30.18-M9 FORCING S	2 "Billet Steel E STEEL.	Bars for Concrete Reinforcement" Grade 400W,			
4. Like t	oars shall t her items t	be bundled, se o be identified	curely tied and d in a similar f	d identifiec fashion.	d as to Mark a	nd Site No. by appropriate means.			
Air Ou	marked wit	h the suffix " CAN/CSA G4	'P" shall be pla 0.21-M92 Grad	ain undefor de 300W.	rmed bars in				
5. Bars	dance with								

		REVIS	SIONS			HEADWALL DETAILS (REINFORCING) FOR 3 - 2 400 Ø C.S.P.'S				
DATE DES	TE BY DESCRIPTION DESIGN SEAL RECORD SEAL			M	APPROVED BY:					
ROVIN	CE OF /	MANITOB		Infrastructure Water Management and Structures			Original signed by Ruth Eden EXECUTIVE DIRECTOR OF STRUCTURES			
A. H.				DESIGN	<sup>вү:</sup> <b>А.Н.Р</b>					
アANKRATZ ) 近人			CHECKED:		<u>A.K.N</u>	SCALE:	SHEET NO 2_0f_2			
PANKRATZ June 4, 2014				DETAILS	BY:	<u>K.P</u>	 or as shown	STD No. SC_ET_RCH_NS_3-2400		