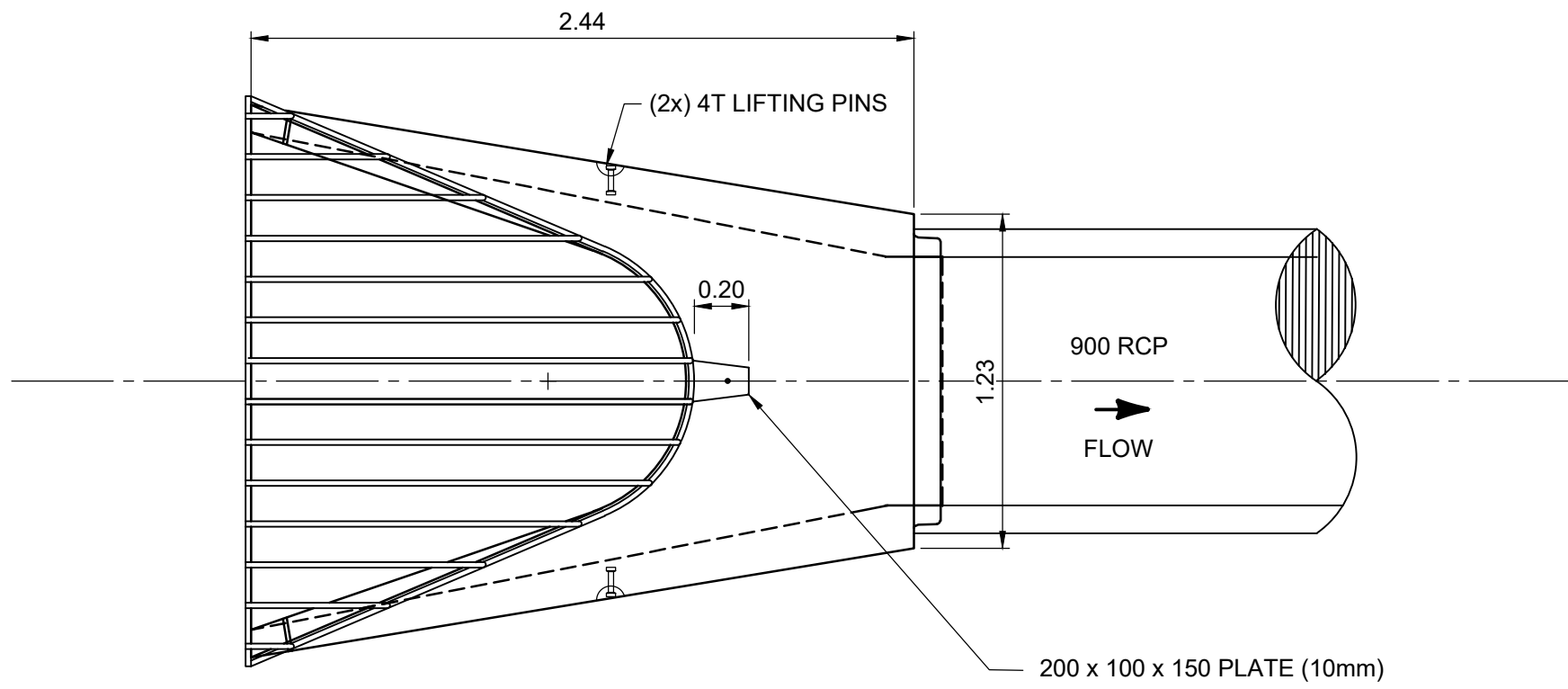
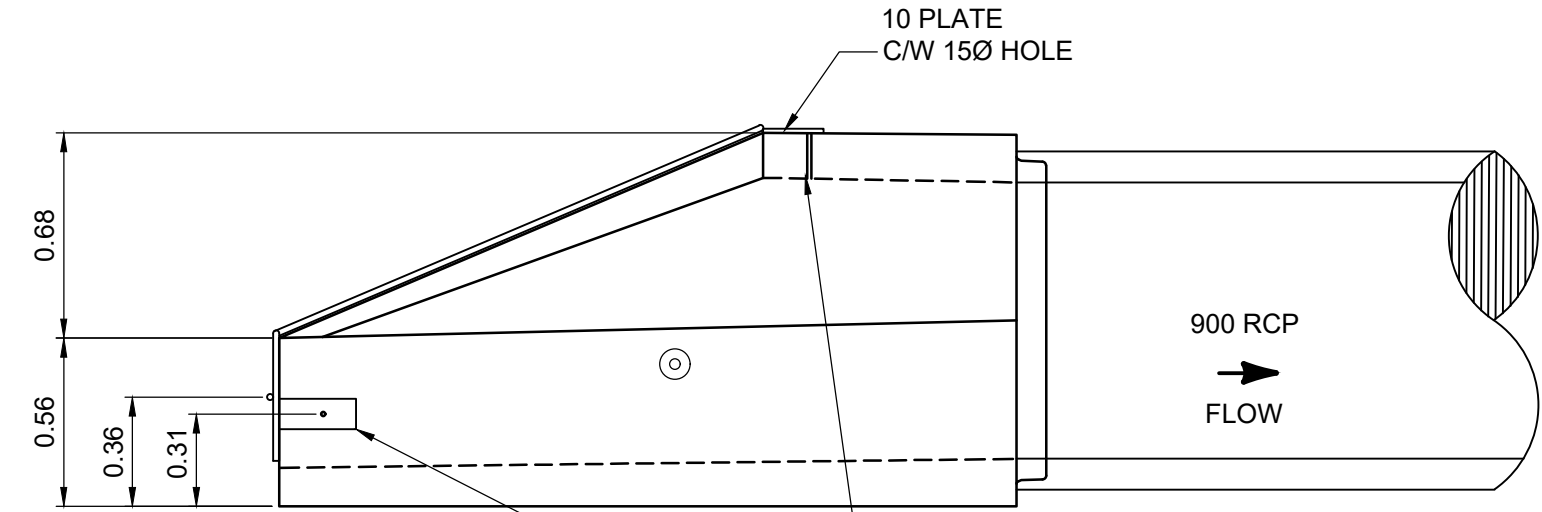
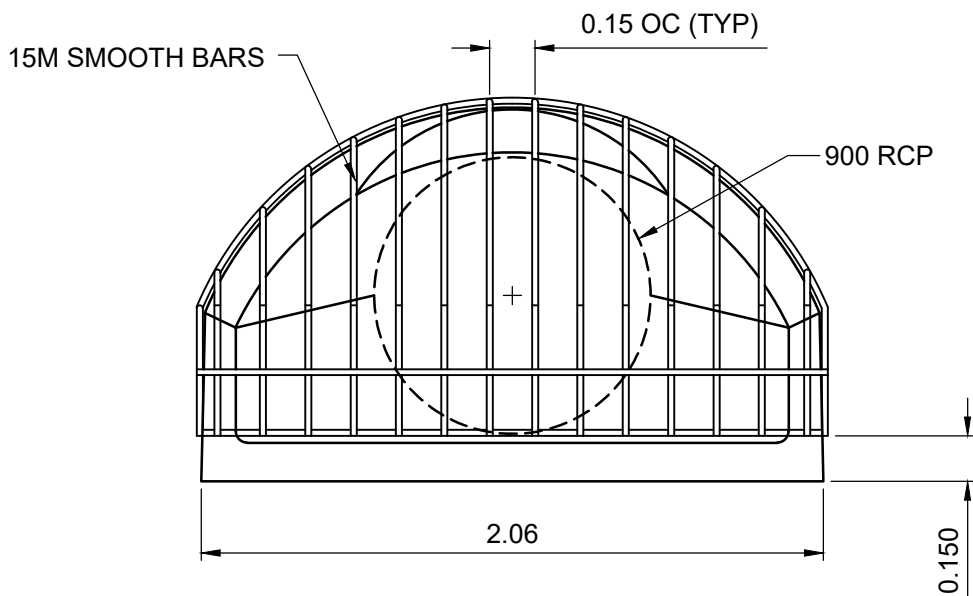




TOP VIEW



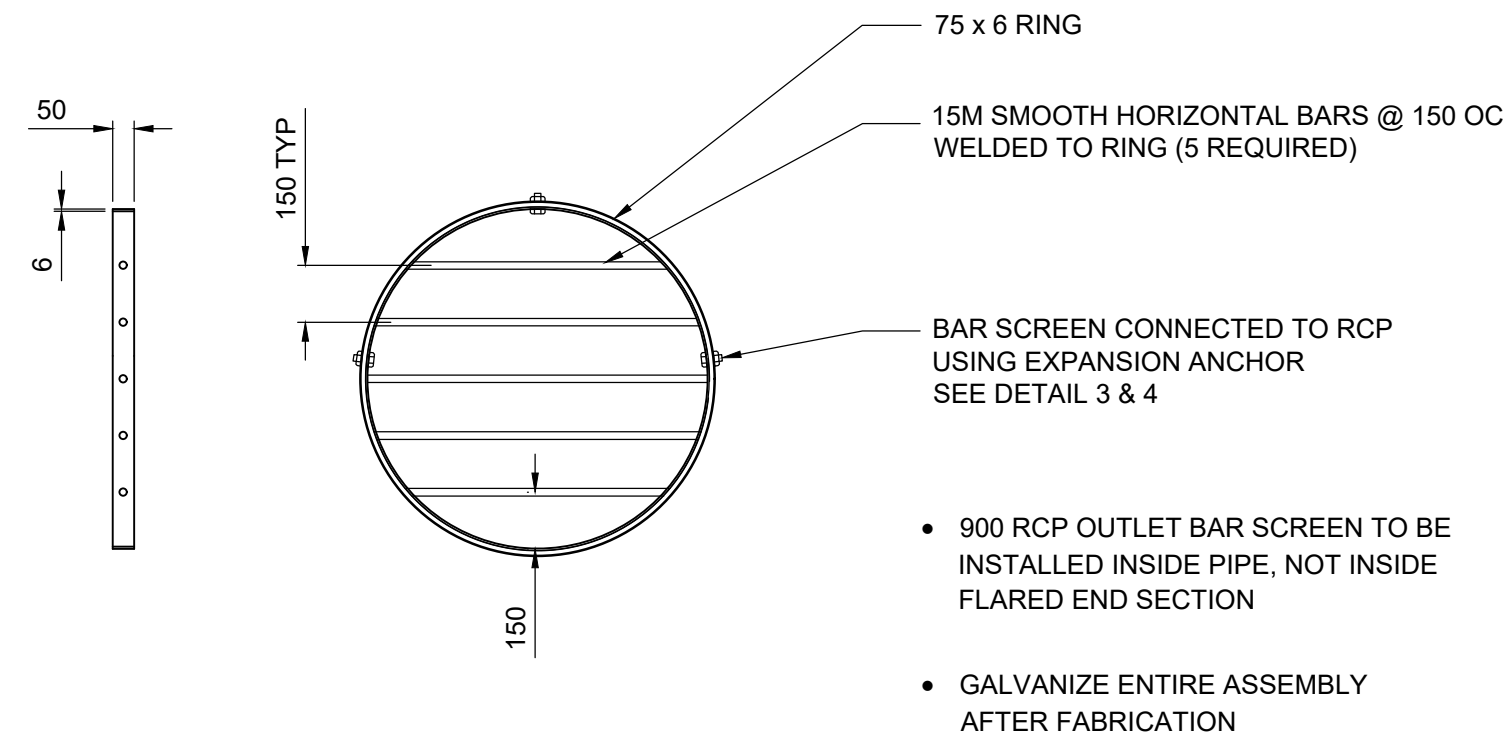
SIDE VIEW



FRONT VIEW

BAR SCREEN NOTES

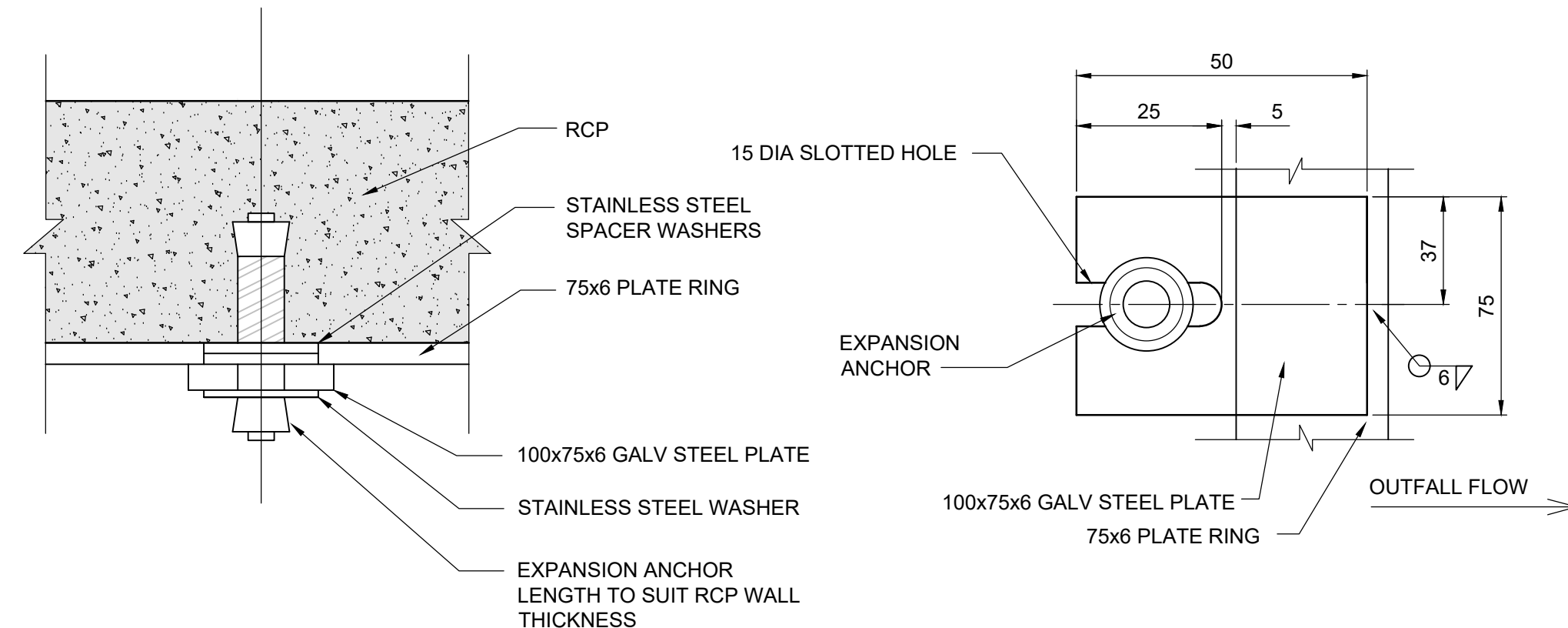
- ALL BARS 15M SMOOTH
- BAR SCREEN TO BE MODIFIED TO SUIT PARTICULAR MANUFACTURERS SIZE AND SHAPE OF END SECTIONS USED. PROVIDE SHOP DRAWINGS FOR END SECTION AND BAR SCREEN TO CONTRACT ADMINISTRATOR PRIOR TO BAR SCREEN FABRICATION.
- BAR SCREEN ASSEMBLY TO BE HOT DIP GALVANIZED AFTER FABRICATION. REPAIR ANY DAMAGED COATING WITH TWO LAYERS OF ZINC RICH PAINT.
- HOLES IN PRECAST CONCRETE END SECTIONS TO BE CORED TO ACCEPT BOLT DIAMETERS INDICATED. IF CONE-OUT OF HOLE OCCURS, FILL WITH EPOXY GROUT.
- BAR SCREEN TO BE ATTACHED TO PRECAST END SECTION WITH TAMPER-RESISTANT BOLTS.



2 OUTLET BAR SCREEN (FOR 900 RCP)
1 : 20

1 900 RCP FLARED END WITH INLET BAR SCREEN
1 : 25

CATCHBASIN TABLE																
ID	TYPE	LOCATION	STATION (m)	OFFSET (m)	RIM EL (m)	INVERT EL (m)	SUMP EL (m)	BARREL DIA (mm)	BARREL DEPTH (mm)	SUMP DEPTH (mm)	COORDINATES	FRAME & COVER	LEAD SIZE & MATERIAL	LEAD LENGTH (m)	LEAD GRADE (%)	DRAWING
CB1	SD-025 (DICB)	CONCORDIA AVE	0+64.47	16.09R	231.500	250 INV 230.150	229.550	900	1800	600	N:5530557.01 E:639142.02	DITCH INLET GRATE	250 PVC SDR-35	10.00	0.55	C3001
CB2	SD-024	CONCORDIA AVE	0+67.53	4.21R	231.953	250 INV 230.153	230.553	900	1800	600	N:5530566.37 E:639149.96	AP-018 - FRAME AP-019 - COVER	250 PVC SDR-35	3.40	0.55	C3001
CB3	SD-025 (DICB)	CONCORDIA AVE	1+19.96	16.45R	231.700	250 INV 230.350	229.750	900	1800	600	N:5530532.46 E:639191.78	DITCH INLET GRATE	250 PVC SDR-35	15.11	0.55	C3001
CB4	SD-025 (DICB)	CONCORDIA AVE	2+89.80	19.53R	231.510	250 INV 230.400	229.800	900	1200	600	N:5530476.735 E:639358.621	DITCH INLET GRATE	250 PVC SDR-35	14.45	0.56	C3003
CB5	SD-024	CONCORDIA AVE	4+31.02	3.06R	232.116	250 INV 230.316	229.716	900	1800	600	N:5530517.216 E:639498.663	AP-018 - FRAME AP-019 - COVER	250 PVC SDR-35	2.40	0.56	C3004
CB6	SD-024	CONCORDIA AVE	4+80.00	3.06R	232.157	250 INV 230.357	229.757	900	1800	600	N:5530530.304 E:639545.873	AP-018 - FRAME AP-019 - COVER	250 PVC SDR-35	2.40	0.56	C3004
CB7	SD-024	CONCORDIA AVE	6+94.98	4.86R	232.808	250 INV 231.010	230.410	900	1800	600	N:5530590.479 E:639752.659	AP-018 - FRAME AP-019 - COVER	250 PVC SDR-35	11.50	0.56	C3006
CB8	SD-025 (DICB)	CONCORDIA AVE	7+37.26	19.30R	231.300	250 INV 230.300	229.700	900	1800	600	N:5530594.152 E:639797.810	DITCH INLET GRATE	250 PVC SDR-35	-	-	C3006
CB9	SD-024	LAGIMODIERE AVE	21+179.439	9.402R	241.254	300 INV 239.454	238.854	900	1800	600	N:5530426.782 E:639524.419	AP-015 - FRAME AP-016 - COVER	300 PVC SDR-35	54.94	18.82	C1011, C3012
CB10	SD-024	LAGIMODIERE AVE	21+184.887	9.175R	241.360	250 INV 239.560	238.960	900	1800	600	N:5530431.564 E:639525.896	AP-015 - FRAME AP-016 - COVER	250 PVC SDR-35	5.00	1.98	C1011
CB11	SD-024	LAGIMODIERE AVE	21+190.659	8.920R	241.477	250 INV 239.677	239.077	900	1800	600	N:5530436.288 E:639527.355	AP-015 - FRAME AP-016 - COVER	250 PVC SDR-35	5.00	1.98	C1011
CB12	UNKNOWN	CONCORDIA AVE E	9+32.607	13.598R EX 232.250 PR 232.465		EX INV 230.411	UNKNOWN	UNKNOWN	UNKNOWN	UNKNOWN	N:5530715.450 E:639956.240	AP-004 - FRAME AP-006 - COVER	UNKNOWN	-	-	4255
CB13	SD-025	CONCORDIA AVE E	10+09.476	17.089R	232.163	INV 230.163	230.563	900	1800	600	N:5530760.760 E:640016.320	AP-004 - FRAME AP-006 - COVER	250 PVC SDR-35	11.20	12.20	4256
CB14	UNKNOWN	CONCORDIA AVE E	11+19.019	17.090R EX 231.647 PR 232.972		EX INV 230.050	229.320	UNKNOWN	UNKNOWN	UNKNOWN	N:5530827.180 E:640103.420	AP-004 - FRAME AP-006 - COVER	UNKNOWN	-	-	4256
CB15	SD-025 (DICB)	LAGIMODIERE AVE	20+854.65	5.798L	232.547	INV 231.281	230.681	900	1800	600	N:5530179.559 E:639321.884	DITCH INLET GRATE	250 PVC SDR-35	34.50	2.20	4207



3 BAR SCREEN BOLTING DETAIL
NTS

4 BAR SCREEN REMOVAL PLATE DETAIL
NTS

**ENGINEERS
GEOSCIENTISTS
MANITOBA**
Certificate of Authorization
Tetra Tech Canada Inc.
No. 6499

B.M. ELEV.				TETRA TECH				THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION		
				DESIGNED BY IJM	REVIEWED BY TRC			MAJOR REHABILITATION OF LAGIMODIERE TWIN OVERPASSES (OVER CONCORDIA AVE. & CPR KEEWATIN)		CITY DRAWING NUMBER P123-25-3011
				DRAWN BY GMD	APPROVED BY KJM			DRAINAGE WORKS LAND DRAINAGE SEWERS DETAILS 2 of 4		SHEET OF 11 14
				SCALE: AS NOTED	ACCEPTED BY CAM WARD, P.ENG. 25.08.07	DATE 25.08.07	CONSULTANT DRAWING NO. 704-INF.MBI03007.01-DWG-C3011		3011	
0 ISSUED FOR TENDER 25.08.07 IJM										
NO. REVISIONS DATE BY				DATE 25.08.07						