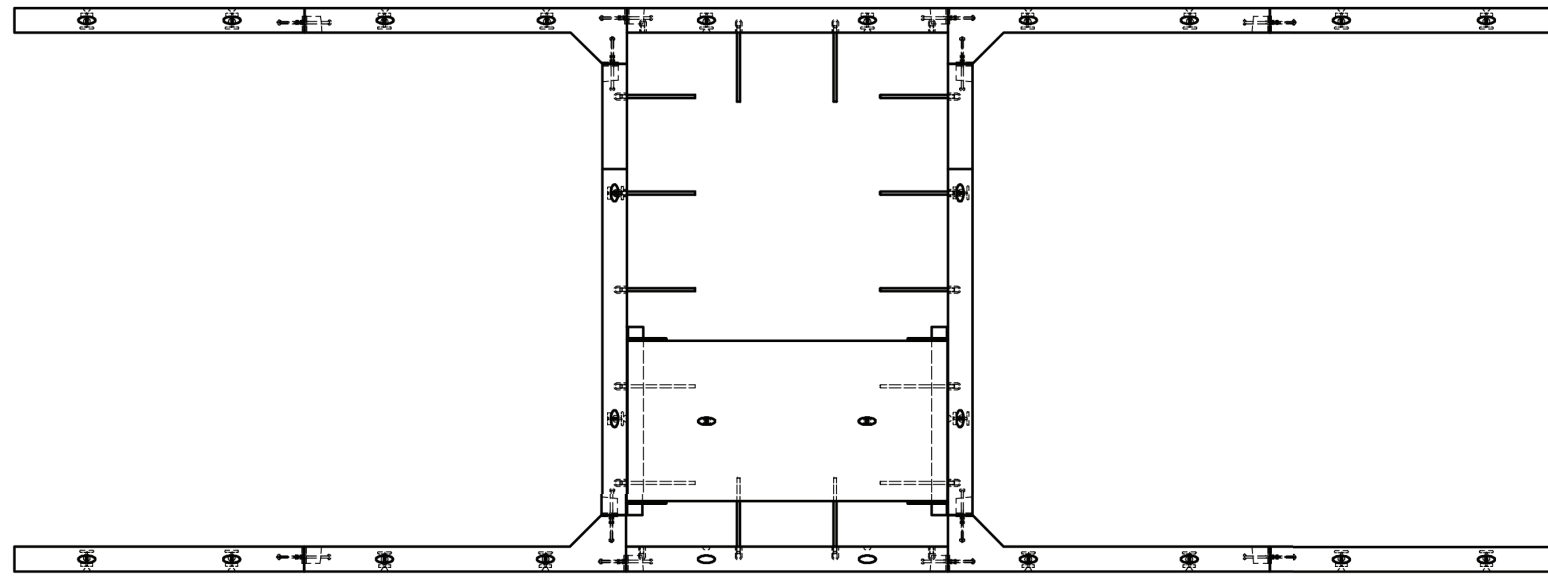
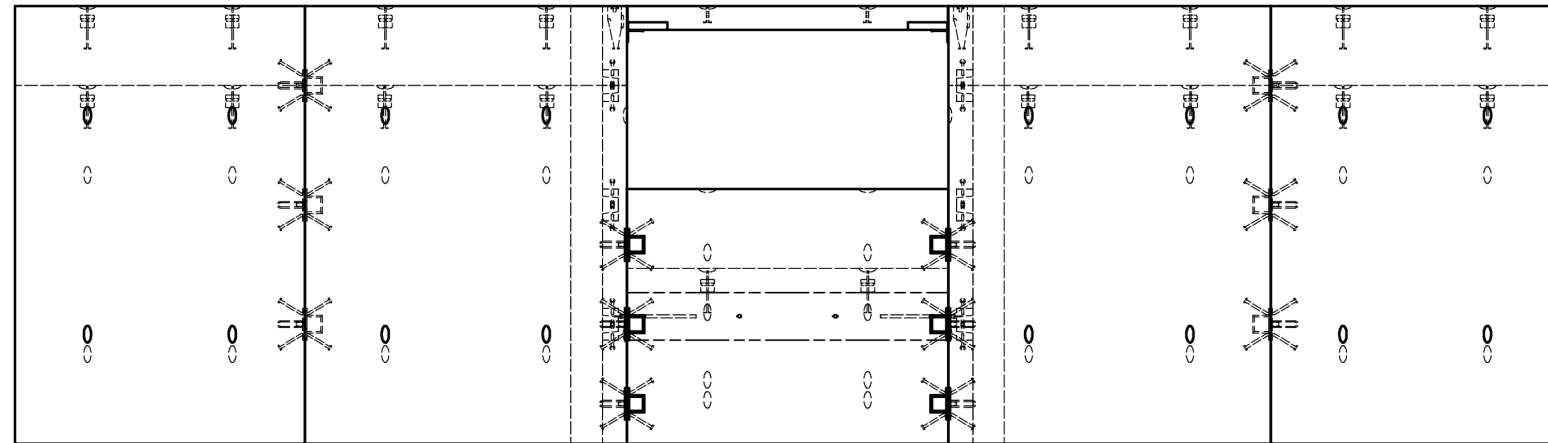
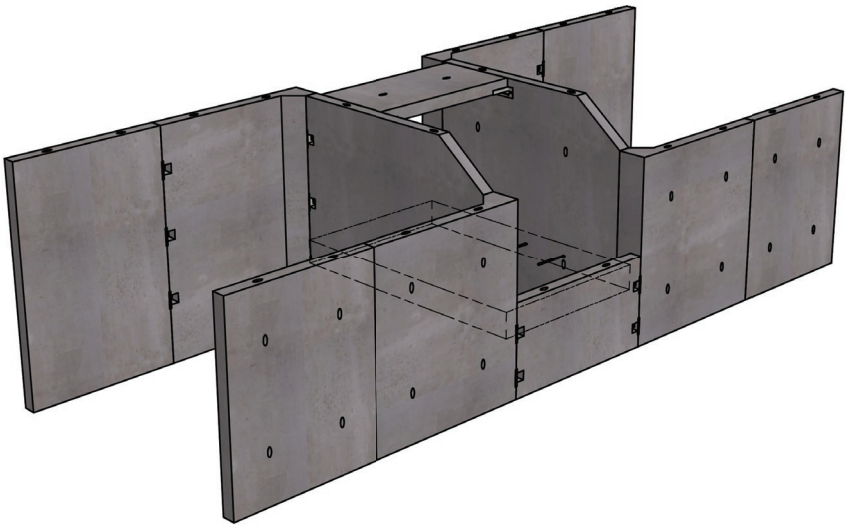




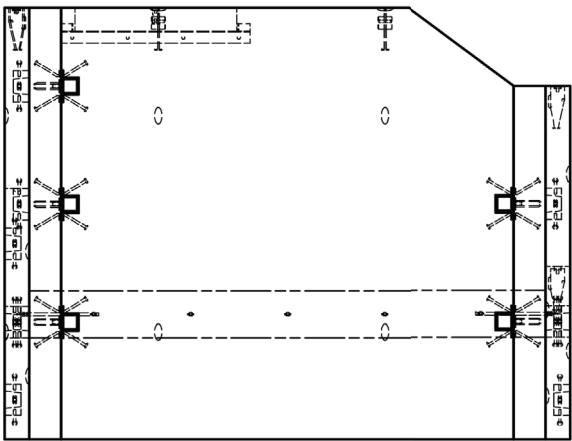
Plan View



Front Elevation View



Isometric 3D



Side Elevation View

Information

- Anchored into canal bank to control water levels and velocity, while measuring flow
- Multi-piece structure that is easy to install
- Double wall water cut-off, preventing erosion and seepage
- Designed to USBR standards
- Works in combination with Inlet/Turnouts
- Handles water flows up to 3.5m³/sec
- Compatible with many popular gate system

Structure Sizes

Model	Water Flow (Q)		Water Depth (d)		Free Board (Fb)		Canal Depth (D)		Drop (Z)	
	m³/s	cfs	mm	feet	mm	feet	mm	feet	mm	feet
DS 1.0-5	1.00	35	800	2.62	500	1.64	1300	4.27	500	1.64
DS 1.5-5	1.50	53	900	2.95	500	1.64	1400	4.59	500	1.64
DS 2.0-5	2.00	71	1100	3.61	600	1.97	1700	5.58	500	1.64
DS 2.5-5	2.50	88	1200	3.94	700	2.30	1900	6.24	500	1.64
DS 3.0-5	3.00	106	1300	4.27	700	2.30	2000	6.56	500	1.64
DS 1.0-10	1.00	35	800	2.62	500	1.64	1300	4.27	1000	3.28
DS 1.5-10	1.50	53	900	2.65	500	1.64	1400	4.59	1000	3.28
DS 2.0-10	2.00	71	110	3.61	600	1.97	1700	5.58	1000	3.28

Model	Structure Height (H)		Sill Panel Height (h1)		Check Opening Height (h)		Sill (S)		Structure Width (W)								Basin Length (L)			
									2:1 Canal Slope		2.5:1 Canal Slope		3:1 Canal Slope		Clear Opening		Stoplog Langemann		Overshot Gate	
	mm	feet	mm	feet	mm	feet	mm	inches	mm	feet	mm	feet	mm	feet	mm	feet	mm	feet	mm	feet
DS 1.0-5	2750	9.02	1600	5.25	1150	3.77	150	5.91	8000	26.25	9000	31.17	10000	32.81	3500	11.48	4000	13.12	4500	14.76
DS 1.5-5	3000	9.84	1750	5.74	1250	4.10	150	5.91	8500	27.89	9500	32.81	11500	37.73	4000	13.12	4500	14.76	5000	16.40
DS 2.0-5	3500	11.48	2000	6.56	1500	4.92	200	7.87	9500	31.17	11500	39.38	13500	44.29	4000	13.12	4500	14.76	5000	16.40
DS 2.5-5	3750	12.30	2050	6.73	1700	5.58	200	7.87	11000	36.09	13000	44.30	15000	49.21	4500	14.76	5000	16.40	5500	18.05
DS 3.0-5	4000	13.12	2200	7.22	1800	5.91	200	7.87	11500	37.73	13500	45.94	15500	50.85	4500	14.76	5000	16.40	5500	18.05
DS 1.0-10	3250	10.66	2100	6.89	1150	3.77	150	5.91	8000	26.25	9000	29.53	10000	32.81	3500	11.48	4000	13.12	4500	14.76
DS 1.5-10	3500	11.48	2250	7.38	1250	4.10	150	5.91	8000	27.89	9500	31.17	11500	37.73	4000	13.12	4500	14.76	5000	16.40
DS 2.0-10	4000	13.12	2500	8.20	1500	4.92	200	7.87	9500	31.17	11500	37.73	13500	44.29	4000	13.12	4500	14.76	5000	16.40