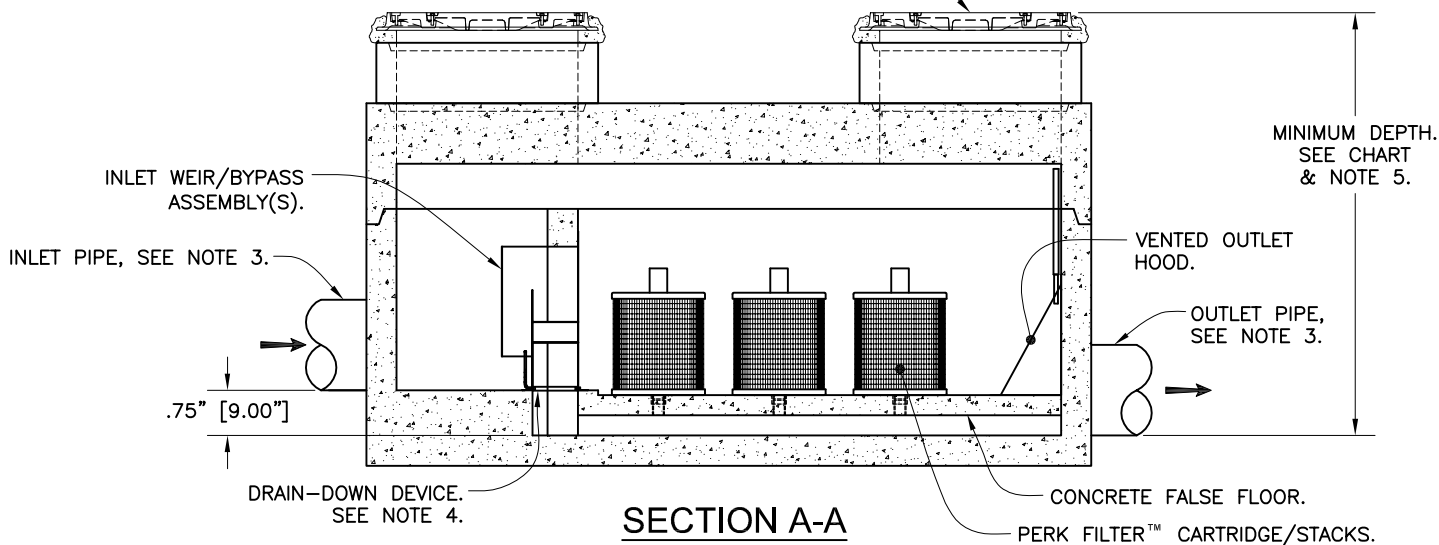


2X Ø36.00" BOLTED & GASKETED ACCESS COVERS.
 RISERS & SLAB T&G IMPRESSIONS AS REQUIRED.
 FIELD Poured CONCRETE COLLAR REQUIRED, BY OTHERS.
 SEE NOTE 2.



Notes:

1. Precast concrete structure shall be manufactured in accordance with ASTM Designation C857 and C858.
2. Filter system shall be supplied with traffic rated (H20) bolted & gasketed Ø36" circular access covers with risers as required. Shallow applications may require configurations with (H20) bolted & gasketed square/rectangular access hatches. Field poured concrete collars required, by others.
3. Inlet & outlet pipe(s) may enter device on all three sides of the inlet & outlet chambers. See chart for maximum pipe size.
4. Inlet chamber shall be supplied with a drain-down device designed to remove standing water between storm events.
5. For depths less than specified minimums contact Oldcastle® Stormwater Solutions for engineering assistance.



Media Filtration

Perk Filter™ Vault

Pacific Northwest Sizing

One to Twenty Nine Cartridges / Stacks



Oldcastle®
 Stormwater Solutions

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DRAWING NO. PFV-PNW-S-0001	REV NR	ECO NEW	ECO-0138 11/16/15	DATE JPR 11/16/15	SHEET 1 OF 2
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MINIMUM DEPTH			
- RIM TO OUTLET INVERT -			
CARTRIDGE STACK CONFIGURATION			
12"	18"	12" + 12"	12" + 18"
4.08' [49.00"]	4.83' [58.00"]	5.75' [69.00"]	6.50' [78.00"]

Treatment Flow Rates & Total Flow Capacities														
VAULT SIZE ID (Nominal)	MAXIMUM PIPE SIZE	Cartridge / Stack Quantity	CARTRIDGE SIZE & STACK CONFIGURATION											
			12"		18"		12" + 12"		12" + 18"					
			TREATMENT FLOW RATE (GPM / CFS)	TOTAL FLOW CAPACITY (CFS)	TREATMENT FLOW RATE (GPM/CFS)	TOTAL FLOW CAPACITY (CFS)	TREATMENT FLOW RATE (GPM/CFS)	TOTAL FLOW CAPACITY (CFS)	TREATMENT FLOW RATE (GPM/CFS)	TOTAL FLOW CAPACITY (CFS)				
4.0' X 6.5'	Ø18"	1	12.0	0.027	2.8	18.0	0.040	4.2	24.0	0.054	4.7	30.0	0.067	6.3
		2	24.0	0.054	2.9	36.0	0.080	4.2	48.0	0.107	4.8	60.0	0.134	6.4
		3	36.0	0.080	2.9	54.0	0.120	4.3	72.0	0.161	4.8	90.0	0.201	6.4
5.0' X 10.5'	Ø18"	4	48.0	0.107	2.9	72.0	0.161	4.3	96.0	0.214	4.9	120.0	0.268	6.5
		5	60.0	0.134	2.9	90.0	0.201	4.3	120.0	0.268	4.9	150.0	0.335	6.6
		6	72.0	0.161	3.0	108.0	0.241	4.4	144.0	0.321	5.0	180.0	0.401	6.6
		7	84.0	0.187	3.0	126.0	0.281	4.4	168.0	0.375	5.0	210.0	0.468	6.7
6.0' X 12.0'	Ø24"	8	96.0	0.214	3.0	144.0	0.321	4.5	192.0	0.428	5.1	240.0	0.535	6.8
		9	108.0	0.241	5.8	162.0	0.361	8.6	216.0	0.482	9.8	270.0	0.602	13.0
		10	120.0	0.268	5.9	180.0	0.401	8.7	240.0	0.535	9.9	300.0	0.669	13.1
8.0' X 16'	Ø24"	11	132.0	0.294	5.9	198.0	0.442	8.7	264.0	0.589	9.9	330.0	0.736	13.2
		12	144.0	0.321	5.9	216.0	0.482	8.7	288.0	0.642	10.0	360.0	0.803	13.2
		13	156.0	0.348	8.7	234.0	0.522	12.9	312.0	0.696	14.7	390.0	0.870	19.5
		14	168.0	0.375	8.8	252.0	0.562	13.0	336.0	0.749	14.8	420.0	0.937	19.6
		15	180.0	0.401	8.8	270.0	0.602	13.0	360.0	0.803	14.8	450.0	1.004	19.7
		16	192.0	0.428	8.8	288.0	0.642	13.0	384.0	0.856	14.9	480.0	1.070	19.7
		17	204.0	0.455	8.8	306.0	0.682	13.1	408.0	0.910	14.9	510.0	1.137	19.8
		18	216.0	0.482	8.9	324.0	0.723	13.1	432.0	0.963	15.0	540.0	1.204	19.9
		19	228.0	0.508	8.9	342.0	0.763	13.2	456.0	1.017	15.0	570.0	1.271	19.9
		20	240.0	0.535	8.9	360.0	0.803	13.2	480.0	1.070	15.1	600.0	1.338	20.0
		21	252.0	0.562	9.0	378.0	0.843	13.2	504.0	1.124	15.1	630.0	1.405	20.1
		22	264.0	0.589	9.0	396.0	0.883	13.3	528.0	1.177	15.2	660.0	1.472	20.1
		23	276.0	0.615	9.0	414.0	0.923	13.3	552.0	1.231	15.2	690.0	1.539	20.2
		24	288.0	0.642	9.0	432.0	0.963	13.4	576.0	1.284	15.3	720.0	1.606	20.3
		25	300.0	0.669	9.1	450.0	1.004	13.4	600.0	1.338	15.3	750.0	1.673	20.3
		26	312.0	0.696	9.1	468.0	1.044	13.4	624.0	1.392	15.4	780.0	1.739	20.4
		27	324.0	0.723	9.1	486.0	1.084	13.5	648.0	1.445	15.5	810.0	1.806	20.5
28	336.0	0.749	9.1	504.0	1.124	13.5	672.0	1.499	15.5	840.0	1.873	20.5		
29	348.0	0.776	9.2	522.0	1.164	13.6	696.0	1.552	15.6	870.0	1.940	20.6		
MAXIMUM HEAD LOSS			1.7 FEET			2.3 FEET			2.9 FEET			3.5 FEET		



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DRAWING NO. PFV-PNW-S-0001	REV NR	ECO ECO-0138 NEW 11/16/15	DATE JPR 11/16/15	SHEET 2 OF 2
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Media Filtration