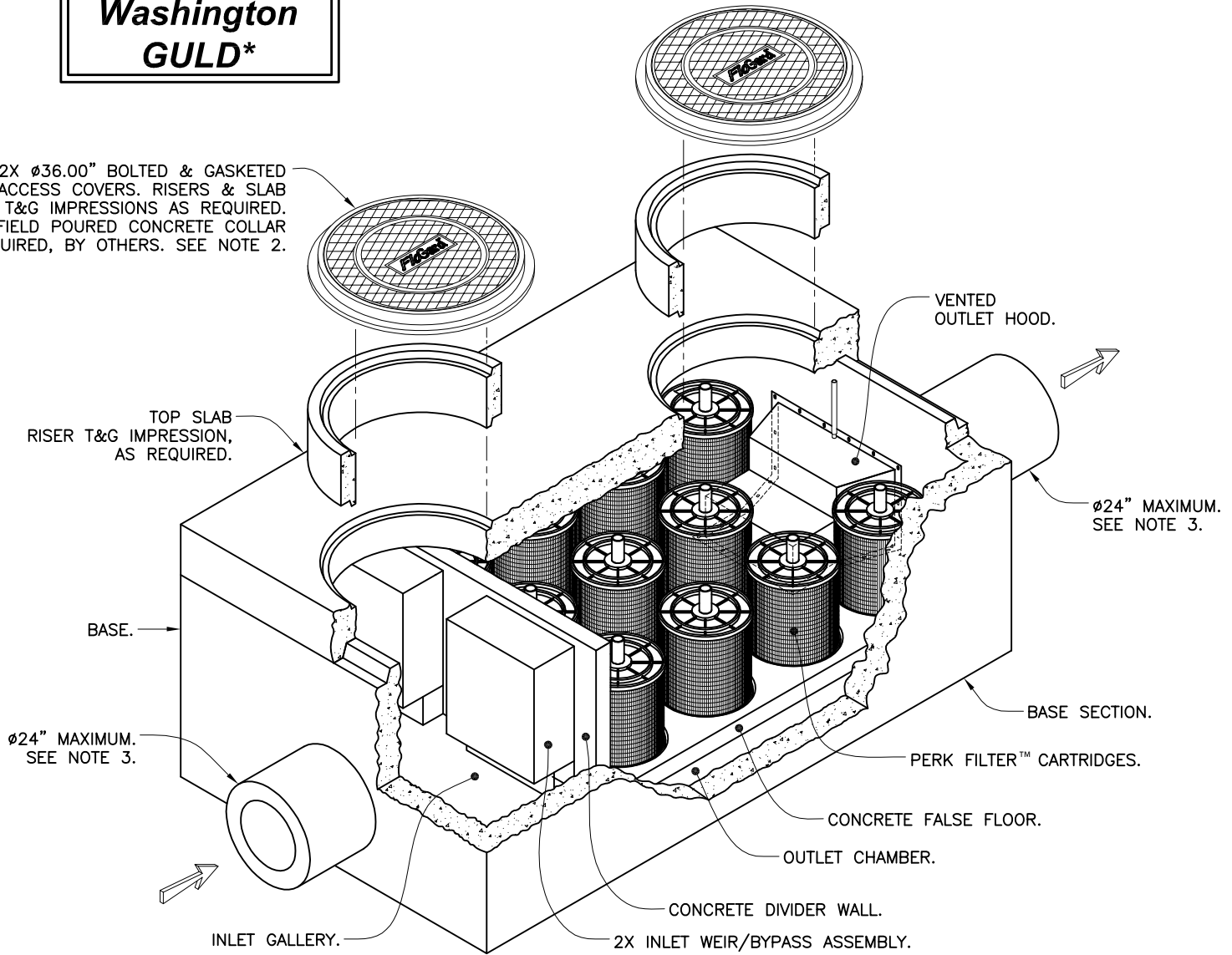


**Washington  
GULD\***

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) (Ø 24" maximum) may enter device on all three sides of the inlet & outlet chambers respectively.
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.

**\* Treatment Flow Rates shown conform to Washington State GULD Specifications**



Media Filtration

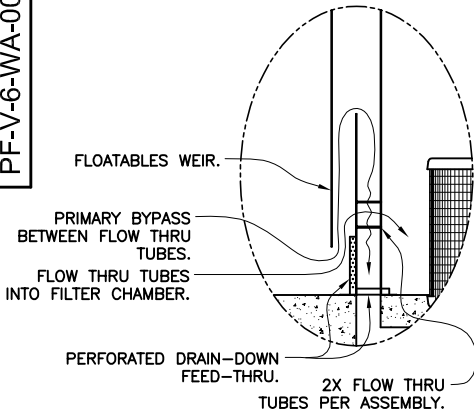
**Perk Filter™**  
 6' Wide Concrete Vault  
 Washington State GULD  
 Four to Eleven Cartridges / Stacks



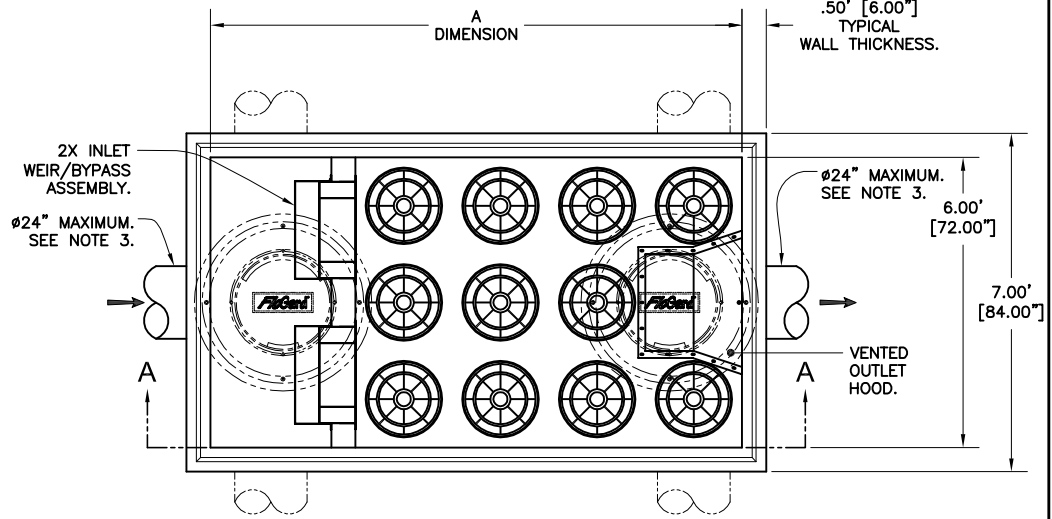
**Oldcastle®**  
 Stormwater Solutions

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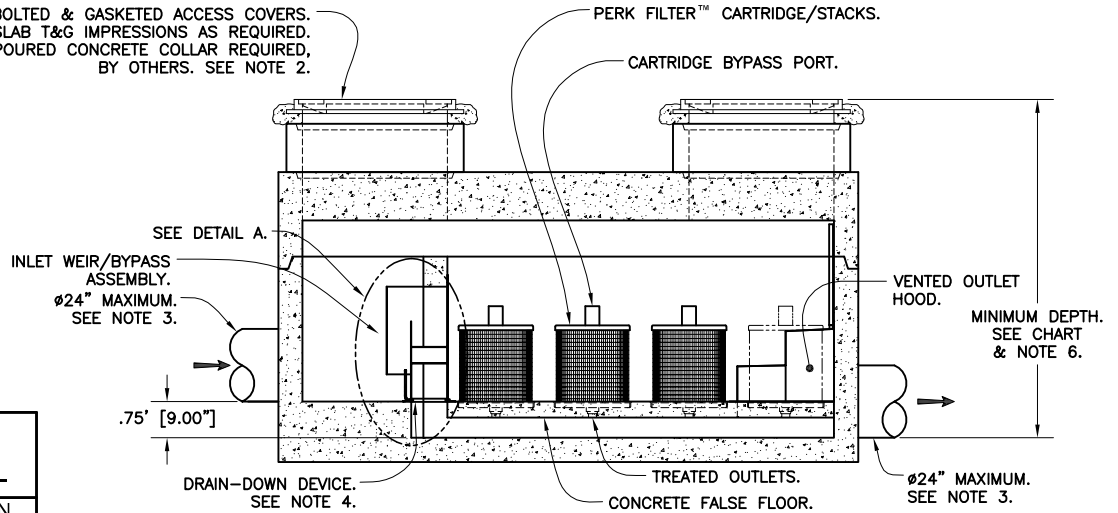
DRAWING NO. PF-V-6-WA-0001	REV E	ECO ECO-0122 JPR 10/3/14	DATE JPR 3/2/11	SHEET 1 OF 2
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**DETAIL A**  
INLET WEIR/BYPASS ASSEMBLY & DRAIN-DOWN.  
SCALE: NONE



2X  $\phi 36.00"$  BOLTED & GASKETED ACCESS COVERS. RISERS & SLAB T&G IMPRESSIONS AS REQUIRED. FIELD POURED CONCRETE COLLAR REQUIRED, BY OTHERS. SEE NOTE 2.



**SECTION A-A**

**Washington GULD\***

**MINIMUM DEPTH - RIM TO OUTLET INVERT -**

CARTRIDGE STACK CONFIGURATION			
12"	18"	12" + 12"	12" + 18"
4.25' [51.00"]	5.00' [60.00"]	5.92' [71.00"]	6.67' [80.00"]

6' VAULT									
TREATMENT FLOW RATES, TOTAL FLOW CAPACITIES & MAXIMUM HEAD LOSS									
CARTRIDGE STACK QUANTITY	A DIMENSION - LENGTH - (ID- FEET)	CARTRIDGE 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	7	27.2 / 0.061	5.7	40.8 / 0.091	8.5	54.4 / 0.121	9.7	68.0 / 0.152	13.0
5	7	34.0 / 0.076	5.7	51.0 / 0.114	8.6	68.0 / 0.152	9.7	85.0 / 0.190	13.0
6	9	40.8 / 0.091	5.8	61.2 / 0.136	8.6	81.6 / 0.182	9.8	102.0 / 0.227	13.1
7	9	47.6 / 0.106	5.8	71.4 / 0.159	8.6	95.2 / 0.212	9.9	119.0 / 0.265	13.2
8	9	54.5 / 0.121	5.8	81.6 / 0.182	8.7	108.8 / 0.243	9.9	136.0 / 0.303	13.2
9	11	61.2 / 0.136	5.8	91.8 / 0.205	8.7	122.4 / 0.273	10.0	153.0 / 0.341	13.3
10	11	68.0 / 0.152	5.9	102.0 / 0.227	8.8	136.0 / 0.303	10.0	170.0 / 0.379	13.4
11	11	74.8 / 0.167	5.9	112.2 / 0.250	8.8	149.6 / 0.334	10.1	187.0 / 0.417	13.4
MAXIMUM HEAD LOSS		1.7 FEET		2.3 FEET		2.9 FEET		3.5 FEET	

\* Treatment Flow Rates shown conform to Washington State GULD Specifications.



Media Filtration

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