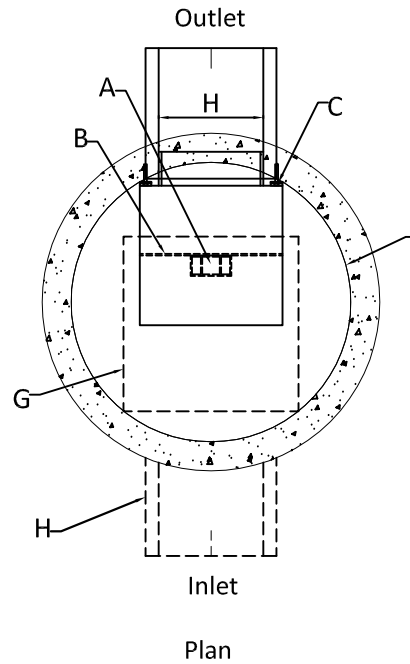


## Specifications

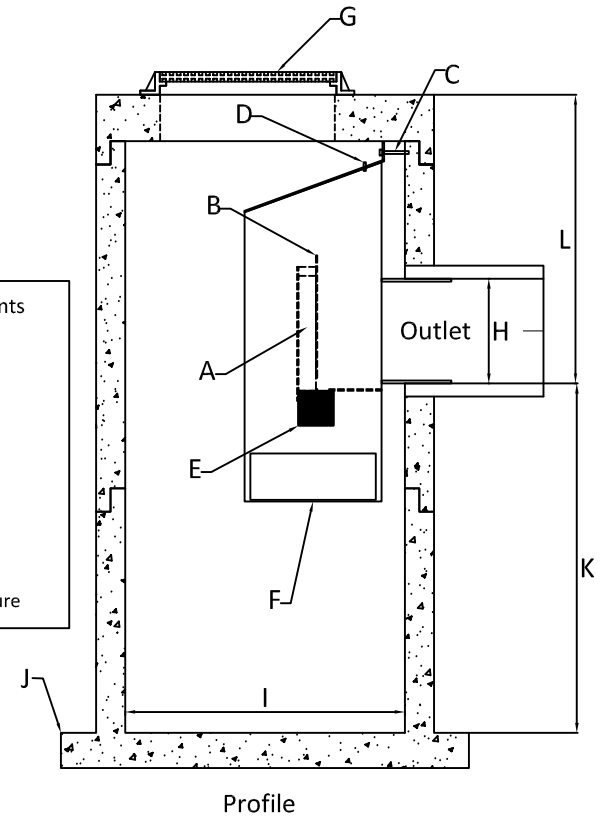
1. The separator must be designed based on the following criteria:

Flow Criteria	
Water Quality Flow Rate cfs (L/s)	
Peak Design Flow Rate cfs (L/s)	

TSS Removal Criteria	
Annual TSS Removal (%)	
NJDEP/ETV Canada TSS	
OK110 Sand	
City of Toronto	
Other	



HydroDome Components	
A.	Siphon
B.	Overflow Weir
C.	Wall Anchor
D.	Air Check Valve
E.	Pourous Foam
F.	Perforated Bottom
G.	Grate or Cover
H.	Inlet and Outlet Pipes
I.	Structure Diameter
J.	Base Extension
K.	Sump Depth
L.	Invert to Top of Structure



HydroDome by Hydroworks, LLC  
 Patent Pending  
[www.hydroworks.com](http://www.hydroworks.com)  
 888-290-7900

### Notes:

1. Sump depths shown are typical. Additional depth can be added as required.
2. Single or multiple inlet pipes allowed.
3. Drops allowed.
4. Inlet Grate Shown. HydroDome can be designed with a closed cover if required.
5. Oil capacities given are spill capacities.
6. Sediment depths are maximum holding capacities and not recommended capacities for regular maintenance.
7. Capacities are rounded down to nearest 5 gal or ft<sup>3</sup> (1L or 0.1 m<sup>3</sup> for metric units)
8. Minimum rim to top of structure [L] required may vary for HydroDome. Please call Hydroworks for site-specific design questions.

HydroDome Dimensions / Capacities						
Model	Diameter [H] ft (m)	Sump Depth [K] ft (m)	Max Pipe [H] in (mm)	Oil Volume gal (L)	Sediment Volume ft <sup>3</sup> (m <sup>3</sup> )	Permanent Pool Volume gal (L)
HD 3	3 (0.9)	4 (1.2)	15 (380)	25 (94)	15 (0.4)	210 (794)
HD 4	4 (1.2)	5 (1.5)	18 (450)	60 (227)	40 (1.1)	465 (1760)
HD 5	5 (1.5)	5.5 (1.7)	21 (530)	125 (473)	65 (1.8)	805 (3047)
HD 6	6 (1.8)	6 (1.8)	24 (610)	215 (813)	95 (2.6)	1265 (4788)

## Hydroworks HydroDome

PROJECT:

LOCATION:

REVISION DATE: 07/21/2020

