



Stormwater Detention/Retention Tanks

HT-1146

Urban development often results in more paved areas. With significant reduction in rainwater infiltration, construction increases storm runoff volumes and rates.

HighDRO® Stormwater Detention/Retention Tanks (SDRT) have been widely accepted as an effective means of stormwater management to reduce the developed peak flow and provide a means of flow reduction and treatment prior to discharge from a developed site.

Whether used to store and slowly release stormwater to the sewer system (detention) or dispose of stormwater on-site (retention) through infiltration to soils below or recycling onsite, the SDRT will help to provide additional capacity to an existing sewer system, thereby improving its performance.

Highland Tank's HighDRO® SDRTs are constructed of high-strength carbon or stainless steel and protected with your choice of high-solids polyurethane, epoxy and other tough internal linings and external coatings.

Cylindrical SDRTs are available for aboveground and underground installation. Our new, large volume rectangular tanks can be installed within the building or located in an exterior subterranean vault.

They are lighter than concrete tanks, and unlike pour-in-place concrete tanks, they don't crack and can be installed in any weather, at any time of the year. Custom sizes and a wide range of accessory items are available for complete system operation.

Drawing & Details

Highland Tank designs and manufactures SDRTs to relevant AWWA and UL standards. A variety of accessways and nozzle connections are available including flanged, threaded and Victaulic. Our team of professionals will work closely with you to build an SDRT to meet your specific needs.

Please contact your local Highland Tank representative to discuss your next stormwater management project.

Cylindrical Aboveground and Underground

Volume Gallons	Nominal Dimensions	
	Diameter	Length
500	4'-0"	5'-5"
1,000	4'-0"	10'-9"
1,500	5'-4"	9'-0"
2,000	5'-4"	12'-0"
2,500	5'-4"	15'-0"
3,000	5'-4"	18'-0"
4,000	6'-0"	19'-0"
5,000	6'-0"	23'-10"
6,000	6'-0"	28'-8"
8,000	8'-0"	21'-4"
10,000	8'-0"	26'-8"
12,000	10'-0"	20'-6"
15,000	10'-0"	25'-6"
20,000	10'-0"	34'-0"
25,000	10'-0"	42'-6"
30,000	10'-0"	51'-2"
40,000	12'-0"	47'-6"
50,000	12'-0"	59'-6"
60,000	12'-0"	71'-0"



Rectangular Aboveground

Volume Gallons	Length	Nominal Dimensions	
		Width	Height
500	6'-0"	4'-2"	2'-8"
750	7'-8"	2'-8"	5'-0"
1,000	6'-10"	4'-0"	5'-0"
1,500	8'-0"	5'-0"	5'-0"
2,000	8'-11"	5'-0"	5'-10"
3,000	13'-9"	5'-5"	5'-5"
4,000	9'-7"	10'-10"	5'-5"
5,000	11'-1"	10'-10"	5'-5"
6,000	13'-8"	10'-10"	5'-5"
8,000	10'-5"	10'-10"	10'-10"
10,000	13'-1"	10'-10"	10'-10"
12,000	15'-8"	10'-10"	10'-10"
15,000	19'-7"	10'-10"	10'-10"
20,000	26'-3"	10'-10"	10'-10"
25,000	33'-0"	10'-10"	10'-10"
30,000	39'-0"	10'-10"	10'-10"

Options and Accessories

- Rainwater Harvesting Systems
- Complete Pumping Systems



Highland Tank®



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Manheim, PA

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