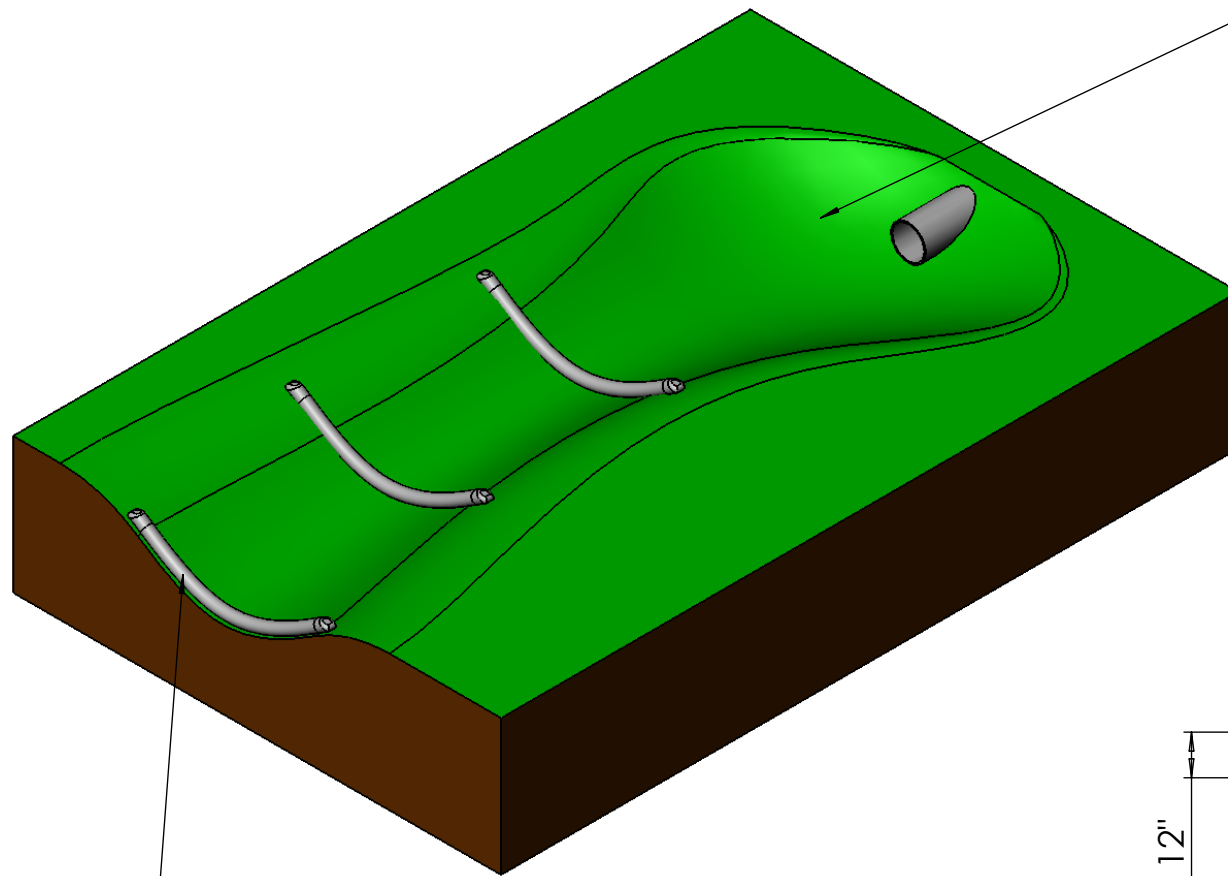
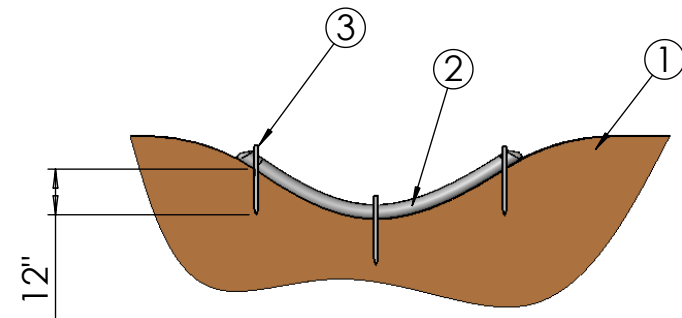


# FILTREXX® BIOSWALE



**Influent and Runoff Entrance:**  
At the system entrance, it is important to maintain sheet flow or create equalized flow conditions, reduce runoff velocity, and stabilize soil and vegetation complexes. Options include: level spreaders, gravel infiltration trenches (minimum of 12 in [300mm] wide and 12 in [300mm] deep), pretreatment forebay, turf reinforcement mats, Filtrexx Channel Protection (see Filtrexx Design Manual Section 2.4), or rip rap.

**Outfall Flow:**  
A weir or Soxx Baffle™ should be placed across the entire width of flow path at the exit of the Bioswale system, perpendicular to flow, to act as a final filtration treatment and to equalize and disperse flow as it exits the system. Depending on slope and discharge angle at outfall, it may be necessary to install turf reinforcement mats, or other stabilization practices, until mature vegetation can provide adequate stabilization.



Minimum staking depth for sand and silt loam soils shall be 12 in (300mm), and 8 in (200mm) for clay soils.

ITEM NO.	DESCRIPTION	QTY.
1	SWALE	1
2	SOXX™	3
3	2" X 2" X 36" WOODEN STAKE	3

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DIMENSIONS ARE IN INCHES  
ANGULAR: BEND ± 2°  
TWO PLACE DECIMAL ± .015  
THREE PLACE DECIMAL ± .005

NAME	DATE
DRAWN: KJN	03/10/09
CHECKED:	
ECO:	

		<small>FILTREXX INTERNATIONAL™ 35481 GRAFTON EASTERN RD. GRAFTON, OH 44044 420-926-2607 WWW.FILTREXX.COM</small>	
		SIZE: <b>A</b>	TITLE: BIOSWALE
DWG./PART NO. 1000007		SHEET 1 OF 1	

DO NOT SCALE DRAWING