



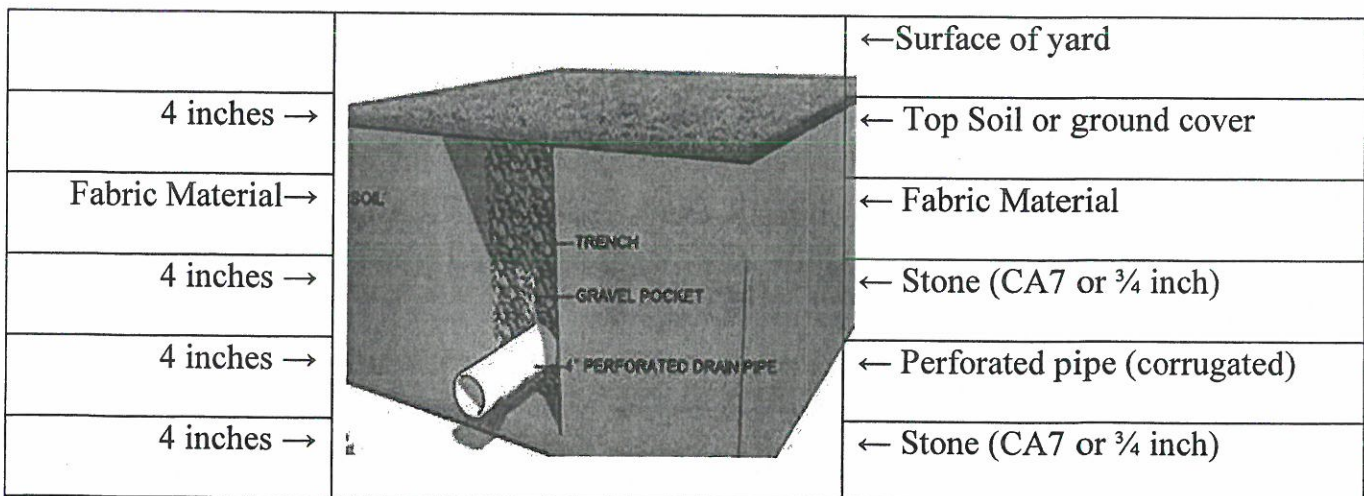
CITY OF DARIEN

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RESIDENTIAL LOT DRAINAGE AND SUMP PUMPS

This information sheet summarizes good management practices and City requirements.
 Revised June 2016

- Yards should be maintained to slope away from houses and towards drainage swales, storm sewers inlets, or detention ponds. Fences should not impede the flow of storm water runoff which may result in spot flooding.
- Gutter downspouts should direct runoff from your roofs into a rain barrel or an extension 5 feet or more away from your house to minimize water inundation of your foundation.
- Sump pumps should discharge either onto the surface of your yard, a catch basin/drain tile system, or directly into a storm sewer.
- Sump pump surface discharge and catch basin/drain tile locations should be selected at least 5 feet (10 preferred) or further from your house and property lines where water damage will not become a problem. A City permit will not be required.
- Direct connection to a storm sewer may be needed if you have excess water problems. Contact the City Municipal Services Department Water Division for assistance at 630-353-8105. A City permit will be required (no fee).
- Typical drain tile specification for a 4-inch are diagrammed below:



LANDSCAPE UNDER DRAIN DETAIL

4-inch detail

	↑	4 INCHES DIRT/TOPSOIL-GROUNDCOVER
15-16 INCHES		4-INCHES OF CA-7-(3/4)-INCH STONE
		4-INCH CORRUGATED PERFORATED PIPE
	↓	3-4 INCHES OF CA-7-(3/4)-INCH STONE

LANDSCAPE 6-INCH UNDER DRAIN DETAIL

	↑	3-4 INCHES DIRT/TOPSOIL-GROUNDCOVER
20-INCHES		8-INCHES OF CA-7-(3/4)-INCH STONE
		6-INCH CORRUGATED PERFORATED PIPE
	↓	2-INCHES OF CA-7-(3/4)-INCH STONE

LANDSCAPE 12-INCH UNDER DRAIN DETAIL

	3-4 INCHES DIRT/TOPSOIL-GROUNDCOVER
28-INCHES	10-INCHES OF CA-7-(3/4)-INCH STONE
	12-INCH CORRUGATED PERFORATED PIPE
	2-INCHES OF CA-7-(3/4)-INCH STONE

LANDSCAPE 24" UNDER DRAIN DETAIL

24 inch detail

	↑	3-4 INCHES DIRT/TOPSOIL-GROUNDCOVER
28-INCHES		10-INCHES OF CA-7-(3/4)-INCH STONE
		12-INCH CORRUGATED PERFORATED PIPE
	↓	2-INCHES OF CA-7-(3/4)-INCH STONE