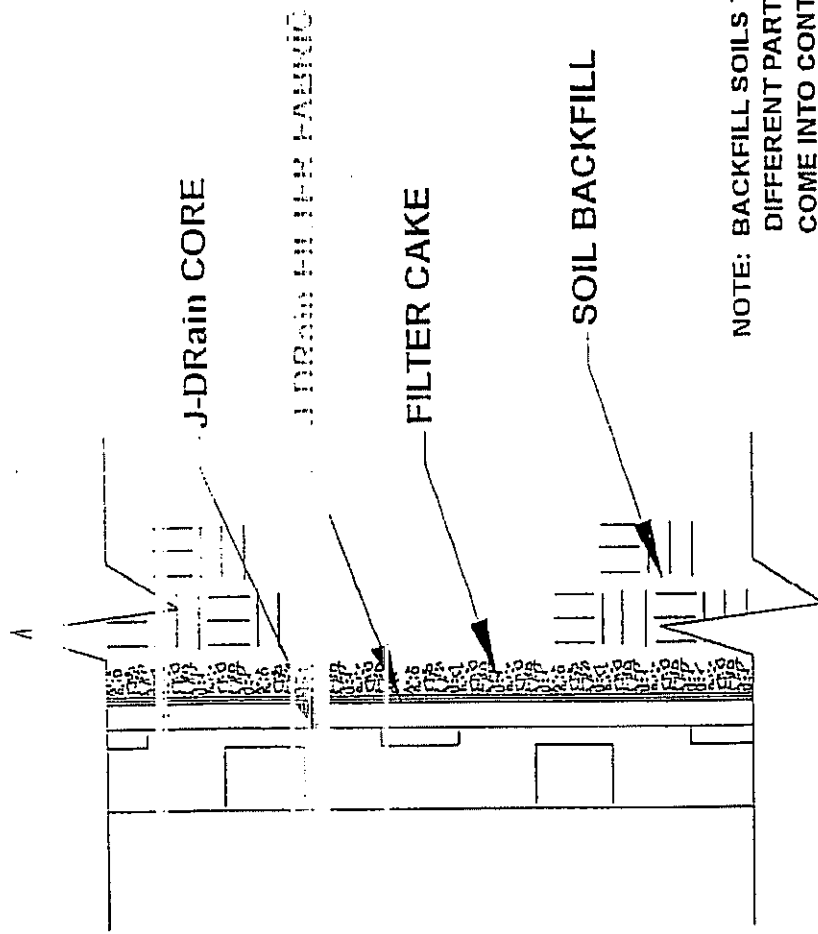


# MAGNIFIED VIEW OF SOIL / FILTER FABRIC INTERFACE



NOTE: BACKFILL SOILS TYPICALLY CONTAIN MANY DIFFERENT PARTICLE SIZES. WHEN THEY COME INTO CONTACT WITH THE FILTER FABRIC, THE LARGER PARTICLES BRIDGE THE SMALLER PARTICLES, FORMING A "FILTER CAKE". THIS FILTER CAKE PREVENTS FURTHER INTRUSION OF SOIL PARTICLES THROUGH THE FILTER FABRIC PROVIDING LONG TERM FILTRATION AND PREVENTING BLINDING OR CLOGGING OF THE FILTER FABRIC.

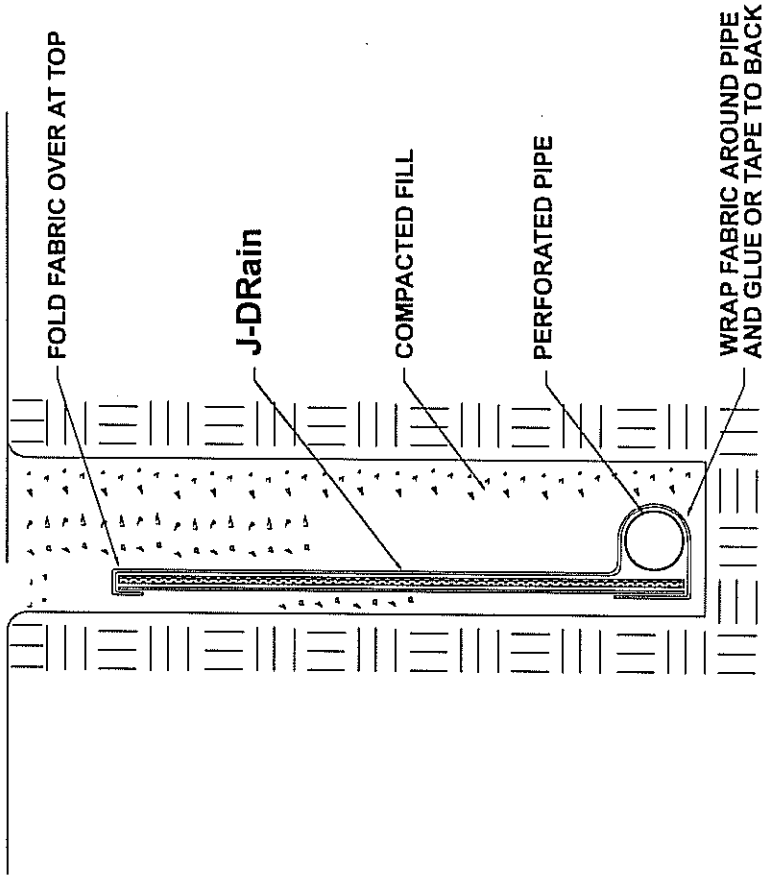
## MAGNIFIED VIEW OF SOIL BRIDGING

FORMATION OF "FILTER CAKE"

**JDR Enterprises, Inc.**

292 South Main Street • Suite 200 • Alpharetta, GA 30004 • 1-800-843-7569 • 770-442-1461 • Fax 770-664-7951

**TYPICAL CUT-OFF DRAIN**  
**J-Drain 302 / 400**

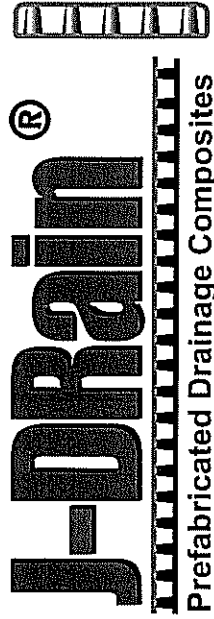


**TRENCH**

**JDR Enterprises, Inc.**

292 South Main Street • Suite 200 • Alpharetta, GA 30004 • 1-800-843-7569 • 770-442-1461 • Fax 770-664-7951

JDR-T97-O50



*Engineered Solutions to Drainage Problems*

## **J-DRain Strip Drain (SWD) Benefits Sheet**

### **1. Better drainage than old pipe & stone french drain system**

80% open area vs 1-3% open area for perforated pipe

No concerns about aggregate quality, % fines, etc.

Over 30 gal/min/lf of width flow capacity

### **2. Lower installation costs**

6" Strip drain vs a 4" pipe, 12" of gravel & geotextile fabric wrap

Faster installation, usually 50% or more

Less excavation – 3"x12" compared to 12"x12" trench

Labor costs drastically reduced

No scheduling or waiting for gravel trucks

### **3. Makes install time fast and easy**

Easy to handle flexible, lightweight rolls

Customized connectors that fit into 4" pipe

No heavy equipment required

No wheel-barreling of gravel for hard to reach projects

---

# **JDR Enterprises, Inc.**

292 South Main Street • Suite 200 • Alpharetta, GA 30004-1950 • 1-800-843-7569 • 770-442-1461 • Fax 770-664-7951

Website: <http://www.j-drain.com>