

# ALESSANDRIA 2000 DEVELOPMENT

## SUDS SYSTEM IN GREEN AREA

**Location:** Alessandria, Italy

**Designer:** Euro Project S.r.l.

**Total project surface:** 516,000 sqyd

**Surface of basin:** 9,960 sqyd

**Water storage capacity:** 898,280 gal (USA)

**Load type:** green area

**Product used:** Drening

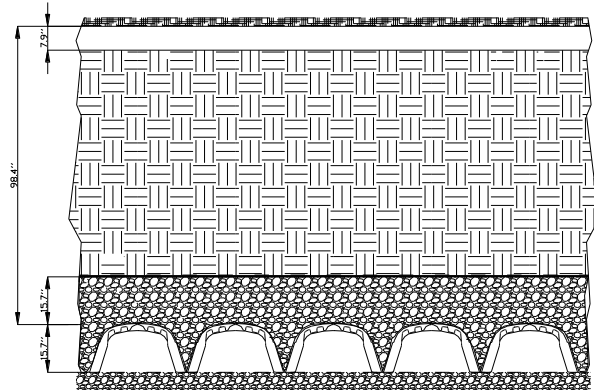


Fig. 1 – System cross-section



Fig. 2  
Installation of the Drening chambers



Fig. 3  
Connection of the Drening basin with the stormwater collection system



Fig. 4  
Inner view of a Drening tunnel.



Fig. 5  
Backfill.

Drening was installed at a depth of 9.5 ft, thus with a backfill of 8.2 ft above the system. The high compression resistance of the product made it possible to install the basin quickly and cost effectively. The load bearing capacity of Drening makes the transit of small vehicles used for the park maintenance possible.