

LATTERIE VICENTINE DAIRY

STORMWATER SUDS SYSTEM

Location: Bressanvido, Italy

Designer: Ibarbieri s.r.l.

Total project surface: 8,640 sqyd (5,520 sqyd covered with asphalt)

Basin surface: 135,270.4 gal (USA)

Water storage capacity: 7,062 cuft

Load type: green area

Product used: Drening®

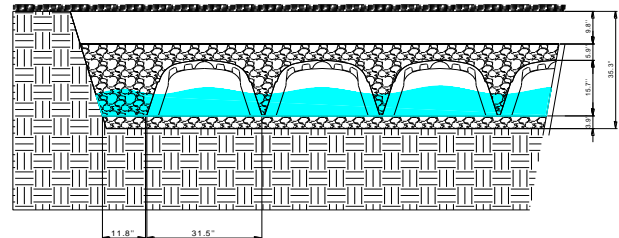


Fig. 1 – system cross-section



Fig. 2
Installation of the Drening chambers



Fig. 3
Geotextile filter laid over the system



Fig. 4
Carpark and green area



Fig. 5
View of the dairy's parking area

The "Consorzio di Bonifica Pedemontana Brenta" local water authority forbidded the discharge of stormwater from this large newly impervious area into the existing water management system, and imposed the creation of a SUDS system.