



DRAINTUBE

AT WORK

DRAINTUBE™ Case Study

Building works and Civil engineering

DRAINTUBE™ FTB technology has been used to collect and evacuate gas from polluted soil under a railway maintenance center at Lachine, QC.

Construction on old industrial sites (factories, gas stations, etc.) may have to deal with toxic gas emissions from contaminated soils. Depending on the type of contamination, a gas collection system under the new building may avoid the expense of removing and disposing of polluted soils.

DRAINTUBE™ FTB geocomposite collects polluted gas from the entire site and allows it to channel to collector drains linked, either actively or passively, to chimneys or other disposal systems. Concrete slabs can be poured directly on DRAINTUBE™ FTB thanks to its needlepunched polyethylene film top layer.

The QUICK CONNECT™ system allows positive connection of the mini-pipes in the geocomposite to the collector drains. This system creates a vacuum and improves gas evacuation.

DRAINTUBE™ FTB installation

Products:
DRAINTUBE™ 500P FTB1 D25
QUICK CONNECT™

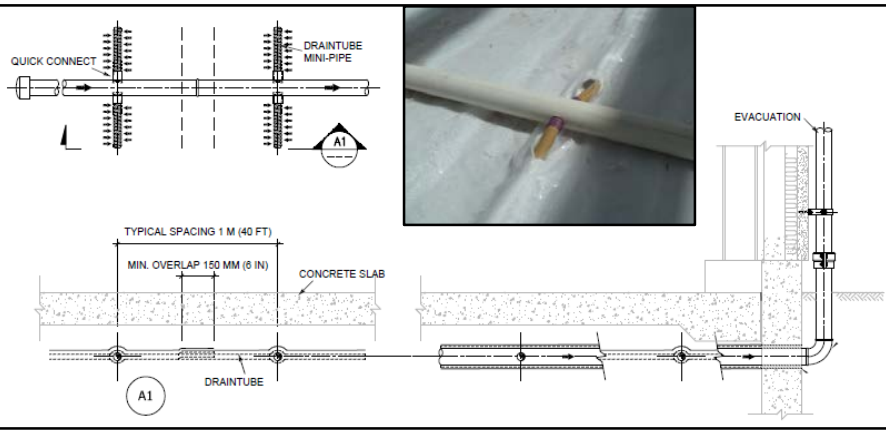
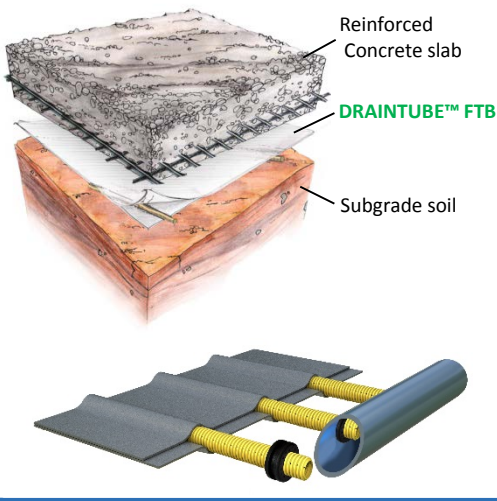
Year: 2014

Design / Build company: SNC LAVALIN

Installer: LOISELLE

Area: 10,000 m² (110,000 sf)

Gas collection system under concrete slab



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Produced by:
AFITEX *Texel*
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DRAINTUBE™ FTB + QUICK CONNECT™ for polluted soil drainage is an economical and environmentally friendly solution which offers a significant reduction of green house gas emissions up to 85% compared to traditional granular solutions. On this 100,000 sf project, 17 Tons CO₂ equiv. emissions were eliminated.

DRAINTUBE™, le drainage sur mesure !