

CAVALIA ODYSSEO

TRITON STORMWATER MANAGEMENT SYSTEM



Project: Mississauga, ON – Cavalia - Odysseo

Challenge: With a major show premiering in a few weeks, site servicing work, including a subsurface stormwater system, was required to be installed immediately before Cavalia crews could finish preparing for the show.

Solution: Working with Pacific Paving Ltd., Cavalia, and the City of Mississauga, Terrafix's contribution included prompt design and supply of the Triton Stormwater System.

Project overview: As part of an agreement with City of Missis-

sauga, Cavalia, a producer of a show described as Cirque du Soleil with horses, was responsible for the construction of an event pad on a 10 acre parcel of city land. The city sourced the site servicing work from Pacific Paving Ltd. As part of the site servicing design, a subsurface stormwater system was required to store 138m³ of stormwater runoff within the developed site. Terrafix teamed up with Pacific Paving, Cavalia, and the City to design a Triton Stormwater system with a footprint of 5.5m x 26.3m x 1.68m deep. With the first show premiering in three weeks, all the site servicing work needed to be done immediately. Installation of the Triton system (which included excavation, stone placement, installation of

chamber components, backfill) was completed in less than a week. A total of 90 (3 rows of 30) S-29 chambers were installed. As a result of the productive installation, the Cavalia crew had more time to prepare for the premiere. Located in the storage/equipment area of the property, the Triton system is capable of withstanding traffic loading from the crew's vehicles.

