

CASE STUDY

Underground Stormwater System Enhances Airport Footprint Monterey, CA

OWNER

Monterey Peninsula Airport District,
Monterey, CA

ENGINEER

C&S Engineering, San Diego, CA

CONTRACTOR

Graniterock Construction, Watsonville, CA

INSTALLATION DATE

May 2025

PRODUCTS

501 MC-3500 StormTech® chambers
42 MC-3500 StormTech end caps

DESCRIPTION

Monterey Regional Airport (MRY) was built in the 1940s and serves four commercial airlines. The airport is currently undergoing the MRY Metamorphosis to replace the terminal for operational safety enhancements to Taxiway A, which connects to and supports the airport's primary runway.

In order to save land resources for the taxiway enhancements and the new terminal, which is scheduled to open in May 2027, an onsite stormwater management system was added under the facility's relocated parking lots. The system will allow stormwater to infiltrate into the ground, but if overwhelmed the system will release the stormwater into the municipal storm sewer.

For the stormwater management system, StormTech stormwater chambers were specified. The chambers were easily and quickly installed allowing the project to remain on time. StormTech chambers are stackable, which allowed for fewer delivery truckloads and also a smaller staging footprint. In addition, N-12® dual wall manifolds were used to connect the chambers.



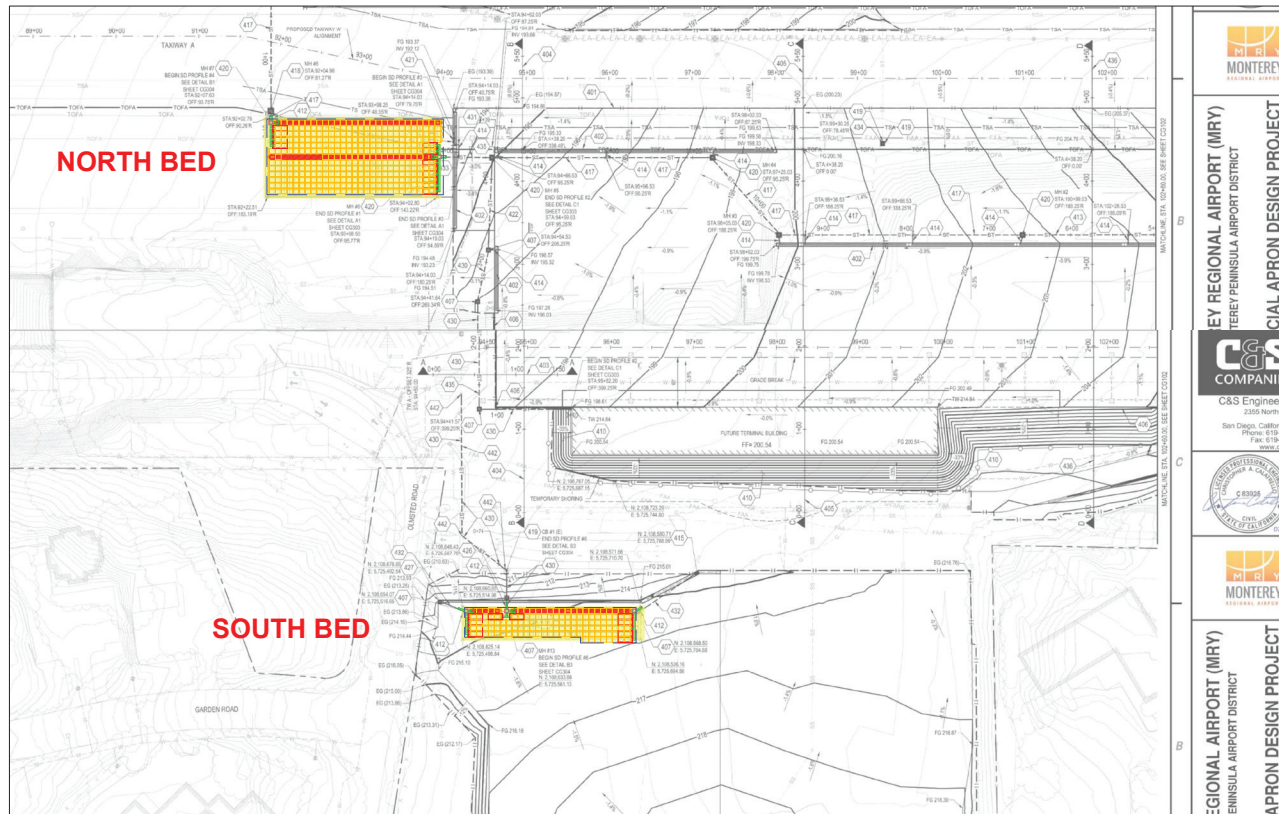
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Two additional chamber beds will be installed in the second phase of the MRY Metamorphosis. These chambers will be installed as part of the terminal at a future date.

StormTech chambers are designed to save valuable land, reduce flooding risks and protect water resources. The chambers provide a durable structural system and are designed in accordance with AASHTO LRFD Bridge Design specification for the HS-20 live loads. StormTech chambers are available in a variety of sizes to meet any project need and are injection molded for uniform wall thickness.



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