

TECHNICAL MEMO



Date: March 24, 2025

Topic: Installation guide updates

INSTALLATION GUIDE UPDATES

Updated installation guides are now available on the Schier website. Key changes have been highlighted below. Please update your files and adjust installation practices accordingly.

SPECIAL PRECAUTIONS

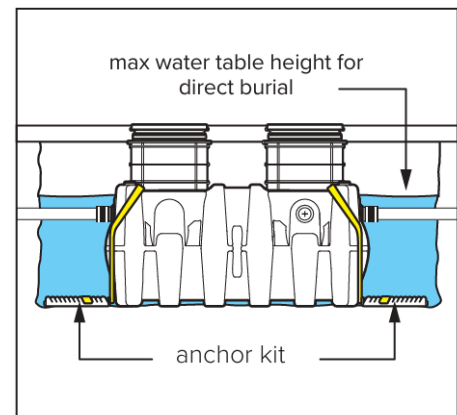
The section now addresses more of the typical installation concerns. Additional clarification has also been provided to ensure more successful installations.

HIGH GROUNDWATER LEVELS

If the interceptor is at risk of being exposed to groundwater, an anti-flotation kit is required.

If the interceptor is at risk of being exposed to groundwater levels reaching higher than the top of the tank body, it must either be encased in concrete or installed inside a watertight concrete vault for protection.

Please contact Schier for the concrete encasement guidelines. The watertight concrete vault should be designed by a structural engineer.



What's changed: Prior to the update, flowable fill was considered acceptable protection for interceptor encasement. Flowable fill is no longer acceptable for protection and has been removed from the installation instructions.

BASE LAYER AND BACKFILL MATERIAL

The base layer and backfill must be clean, crushed stone approximately 1" in size (AASHTO M43 Size #57 or similar) free of debris and fines. Native soil and sand are not approved backfill materials.

What's changed: Prior to the update, crushed aggregate (approximately 3/4" rock or sand with no fines) or flowable fill were recommended backfill. Sand and flowable fill are no longer recommended as backfill and the approximate size of the crushed stone has increased slightly from 3/4" to 1".

