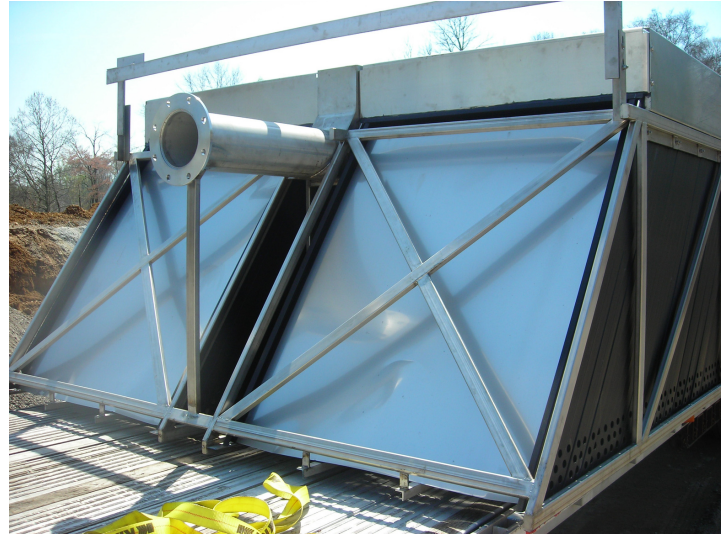


# Plate Settler System

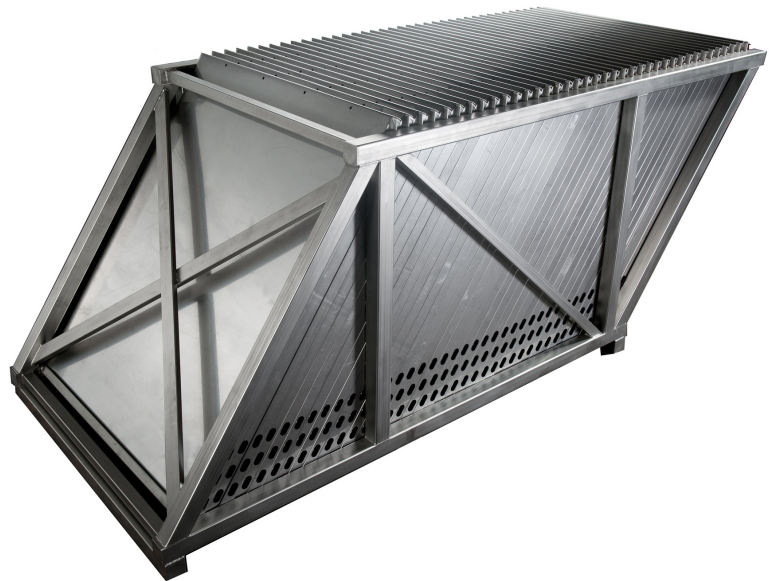
## *Sedimentation Basin*

Roberts' stainless steel Plate Settlers are manufactured from 100% stainless steel and are designed and constructed at Roberts' dedicated stainless steel fabrication facility. With over 120 years of sedimentation basin design experience, Roberts' Plate Settler systems offer the high efficiency and ease of operation that you expect from all of Roberts' products.



### *Unique Design*

Roberts' plates are designed on nominal 2" (5.08cm) centers and are oriented at 55 degrees. Systems can be retrofitted into existing rectangular or circular basins. The horizontally projected surface area of the plates reduces the overall footprint of conventional sedimentation basins. Reinforced plate design allows operators and installation crews to walk on the surface of the plates without damaging the system (Roberts recommend following all OSHA and other safety guidelines when working in or around sedimentation basins)



**Roberts Filter Group**  
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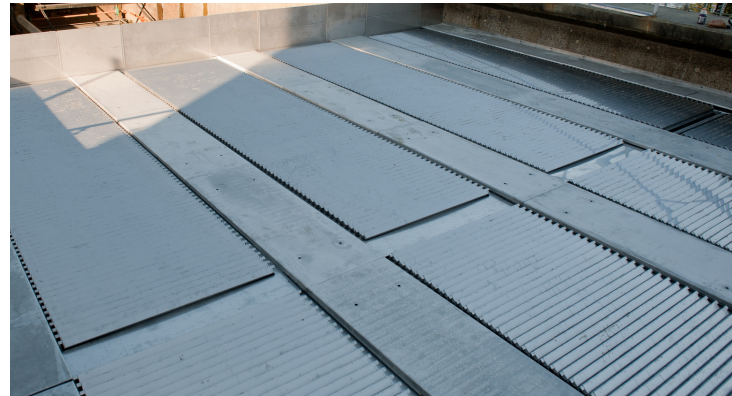


## *Cost Effective*

Plate Settlers have a low installation cost, modules are shop fabricated and shipped ready for installation. It is a rapid start up process, with little to no maintenance following. Plate Settlers reduce effluent turbidities to as low as 0.2 NTU, while reducing chemical requirements and increasing basin loading rates.

## *Efficient Operation*

Plate Settlers are designed for efficient operation with excellent influent distribution, effluent collection and even solids loading. There are no moving parts when partnered with Roberts' Spyder® sludge collection system. They produce a 90% smaller footprint than conventional sedimentation basins.



## *Roberts Filter Group*

The Roberts Filter Group is the largest family-owned water filtration company in the U.S. with more than 4,400 installations across six continents. It is a fifth-generation operation that began with one of the world's first patented water filters and has continued to develop pioneering, high-quality filtration products ever since. Today, Roberts continues to work with some of the smartest companies and engineers on the planet to answer the industry's demand for customized, flexible solutions and efficient operations.

## *Contact*

For any inquiries, questions or commendations, please call our office or fill out the 'contact us' form on our website.



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