

Cutoff Walls

Excavation Support

Jet Grouting

Landslide Control

Micropiles

Retaining Walls

Schnabel
FOUNDATION COMPANY

Secant Piles

Shotcrete

Soil Mixing

Soil Nailing

Tiebacks

Underpinning



[Putting Progress into Perspective]

(patent pending)

Earth Retention Systems



Specialized Foundations

Improvement Through Innovation

A major support milestone – 1,200,000 pound test load for micropiles supporting the reconstruction of the North Avenue Bridge in Chicago, IL.





“ *Never stop trying to improve what we do.* ”

Harry Schnabel's founding philosophy.

In 2009, Schnabel Foundation Company celebrates five decades of leadership. The earth retention industry has evolved, but our founding philosophy remains constant: We are dedicated to constant improvement in our earth retention systems and specialized foundations.

Renowned across the industry for excellence in innovation, we constantly strive to reduce costs, time and risks. We provide excavation support, specialized retaining walls and foundation underpinning that's second to none.





Tiebacks and tangent piles provide excavation support for a deep excavation in Houston, TX.

Innovations in Excavation

Excavation Support Systems

Our newsletter is titled “Below the Surface” – because that’s where we work. We execute the most challenging projects, utilizing our experience as a nationwide leader with over 50 years of success in the industry. Our people are devoted to our business and are problem solvers – delivering innovative, cost-effective and timely solutions. They know the value of “on time and on budget.”





Progress Through Constant Improvement

*Permanent soil nailing enables
light rail infrastructure
improvements in Santa Fe, NM.*

Soil Improvements

We have refined equipment, design and construction techniques to be cost effective for any commercial, transportation or infrastructure project. With innovations such as soil mixing and jet grouting, we can improve properties of soil itself.



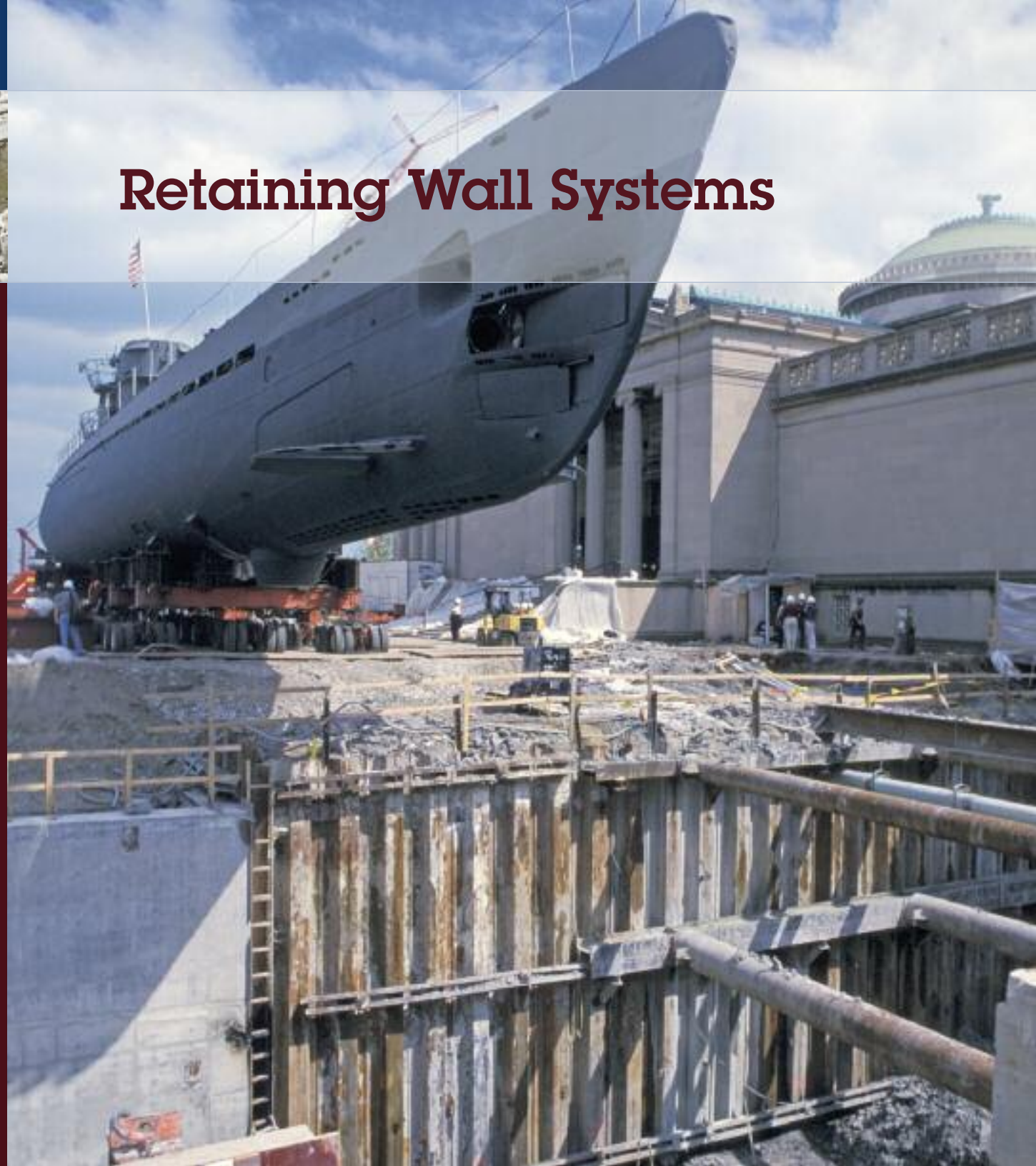
*Tiedback elements stabilize
a slope for the expansion of
a university in Malibu, CA.*

The Industry Leader in Earth Retention



Retaining Wall Systems

Supporting high earth pressures and deep cuts is our company's specialty. We have the experience, equipment, engineering and employees to solve the most complex and unique earth retention needs, from landslide walls for transportation projects to underpinning for museums and power plants.





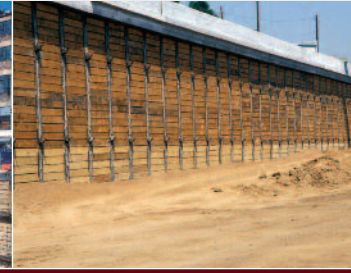
5 Decades of Proven Leadership

Micropiles and tiedback sheeting allow for construction beneath existing historic and multi-story buildings in Washington, DC.

For over 50 years, Schnabel has proved its leadership in earth retention and specialized foundations. From pit underpinning and braced excavations to soil mixing and jet grouting, we increase customer abilities to fully and economically develop their property.

As we move into a new era of infrastructure improvement and construction, Schnabel will continue to improve and innovate. It's what we do best.





Early systems are one or two basements deep with single tier raker braces or cross lot braces used for support. Adjacent structures require underpinning to extend their foundations to an elevation below the new structure subgrade.

Excavation becomes deeper and wider; installations combine multiple levels of raker, cross lot and corner braces and underpinning to support streets and adjacent structures. As depths and earth pressures increase, braces become an impairment to excavation. Costs rise and digging slows.

Schnabel becomes the leader in using tiebacks to provide lateral support to excavations in rock and soil. Using European techniques and advanced drilling and anchoring technology, Schnabel excels in providing high strength anchors in American soils. The company pioneers design and construction that allows open excavations of great depths in all but the weakest soils.

Schnabel develops designs and construction techniques that enable soil nails, tiebacks and micropiles for anchored retaining walls in permanent projects. Our permanent tiedback walls gain widespread acceptance in highway departments, railroads and infrastructure projects across the United States.

Schnabel leadership in design, construction techniques, drilling methods and wall designs allow excavations to be dug deeper, drier and in increasingly poor soils. Soil mixing, jet grouting and other techniques improve properties of the soil itself. These advances can turn 'bad' ground into an ideal site for high-profile projects of the future.

For detailed product and service information visit www.schnabel.com or click the links on this page.

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