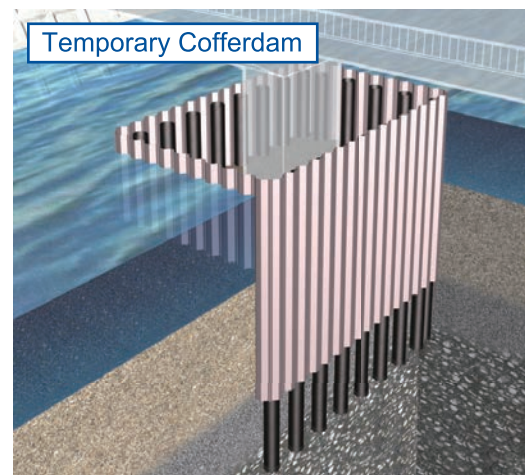


Practical Example

- Building a rational and very economic wall structure by adjusting pile length of hat sheet piles and pile diameter, pile length, and distance between tubular piles in accordance with height of wall structure and ground conditions.

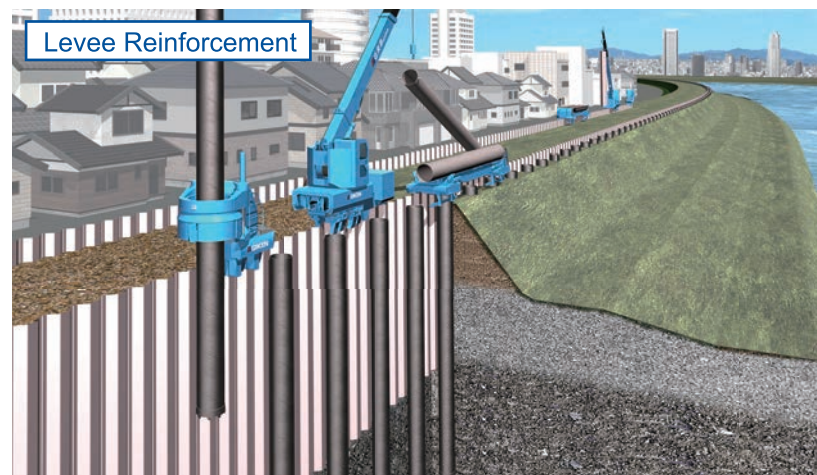


Highway Retaining Wall



Temporary Cofferdam

Excellent Waterproofing and
The Wall Structure is Easily Dismantled



Levee Reinforcement

Very Suitable for Fast Construction for Anti-Seismic Reinforcement and
Liquefaction Measures

GIKEN

Construction Solutions Company

www.giken.com

CONTACT US



The Combi-Gyro Wall System is a joint development between GIKEN LTD. and NIPPON STEEL CORPORATION.

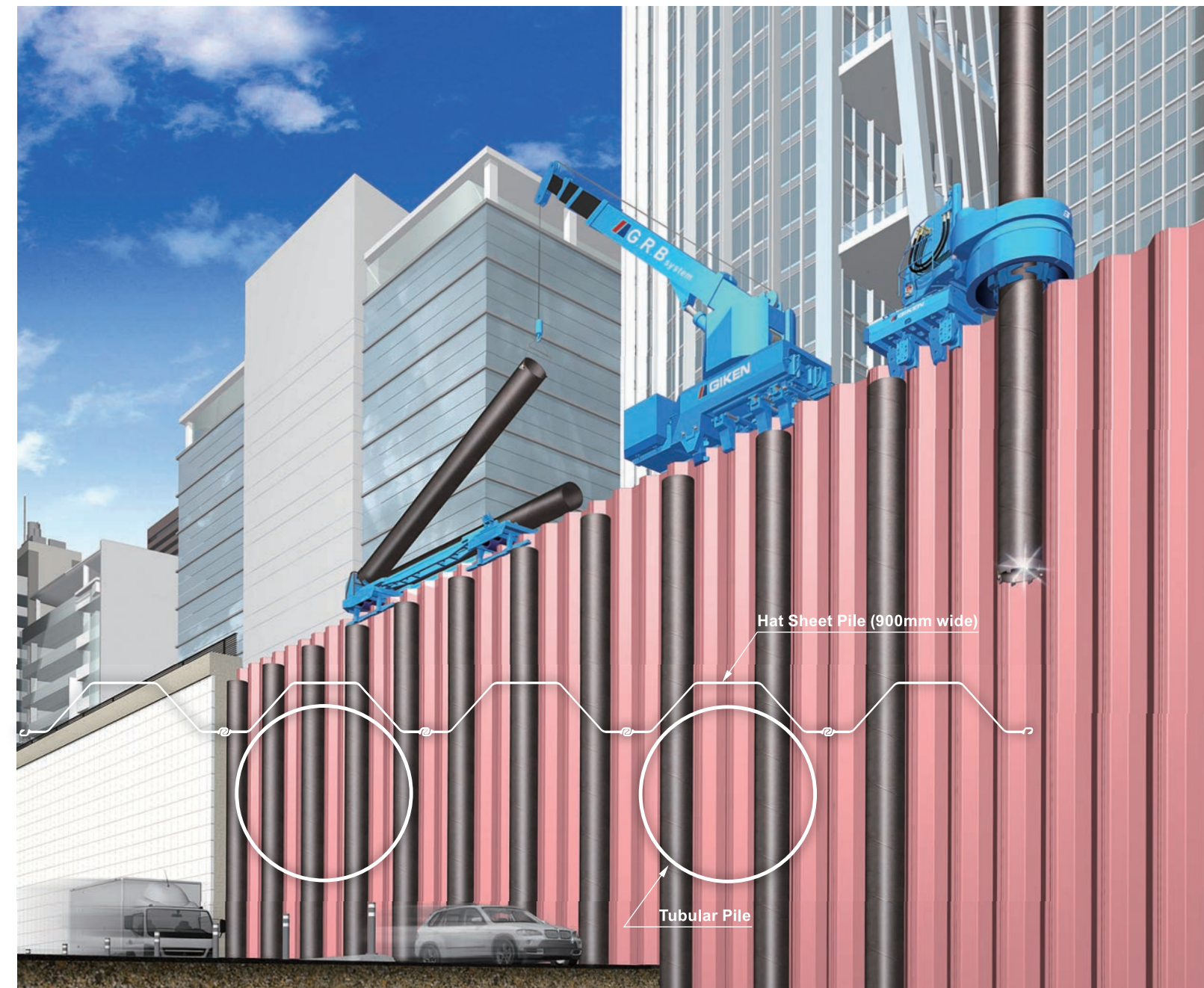
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Ver 2.1EN08 / 08 Oct 2024

Construction Revolution

An efficient wall structure combining **Tubular Piles (Strength & Stiffness)** and
Hat Sheet Piles (Watertightness)

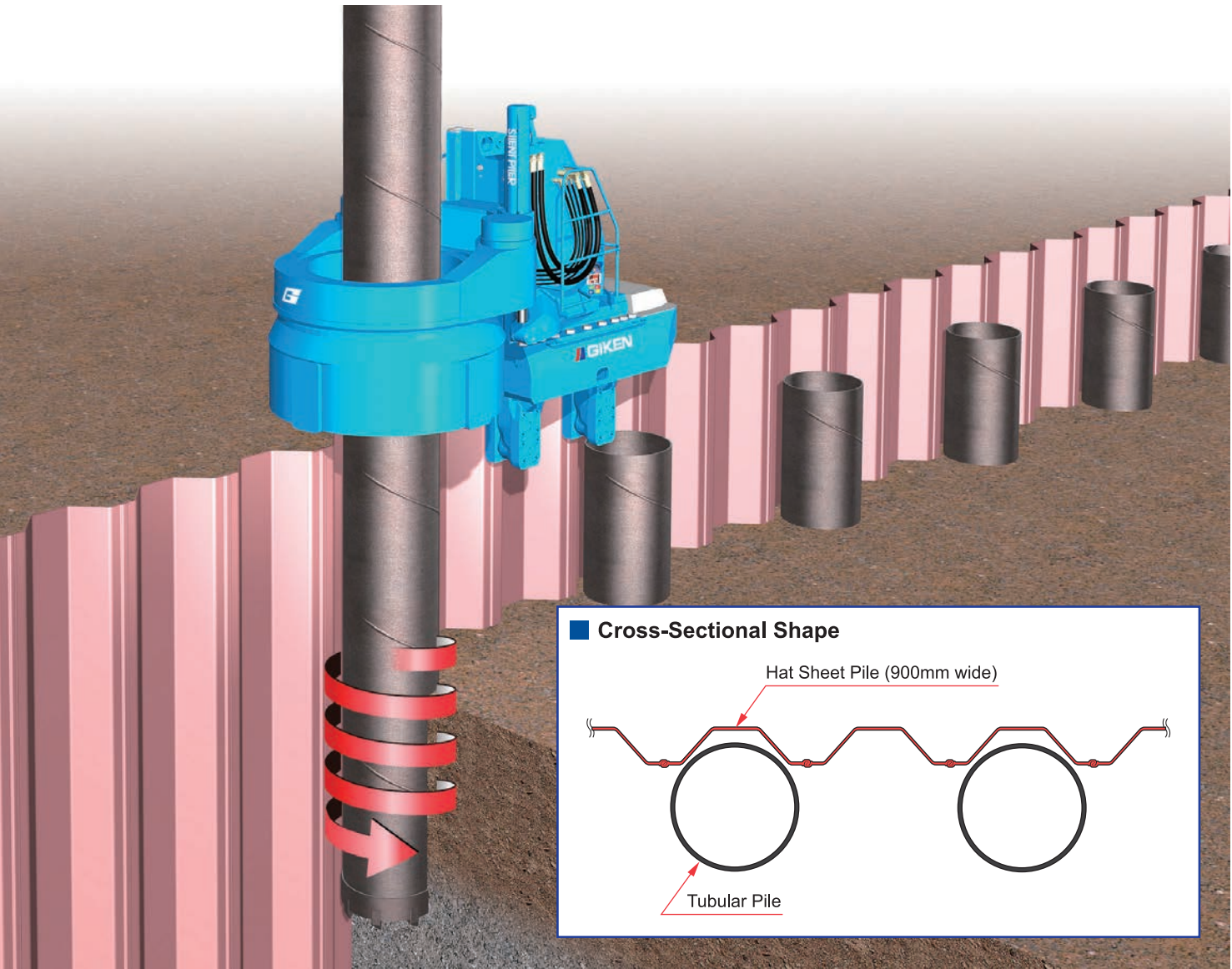
Combi-Gyro Method™



GIKEN

Combi-Gyro Method™

- Building Highly Stiff Wall Structure with Excellent Watertightness
- Single Press-in Machine Installing Both Hat Sheet Piles and Tubular Piles



Press-in Work Operation

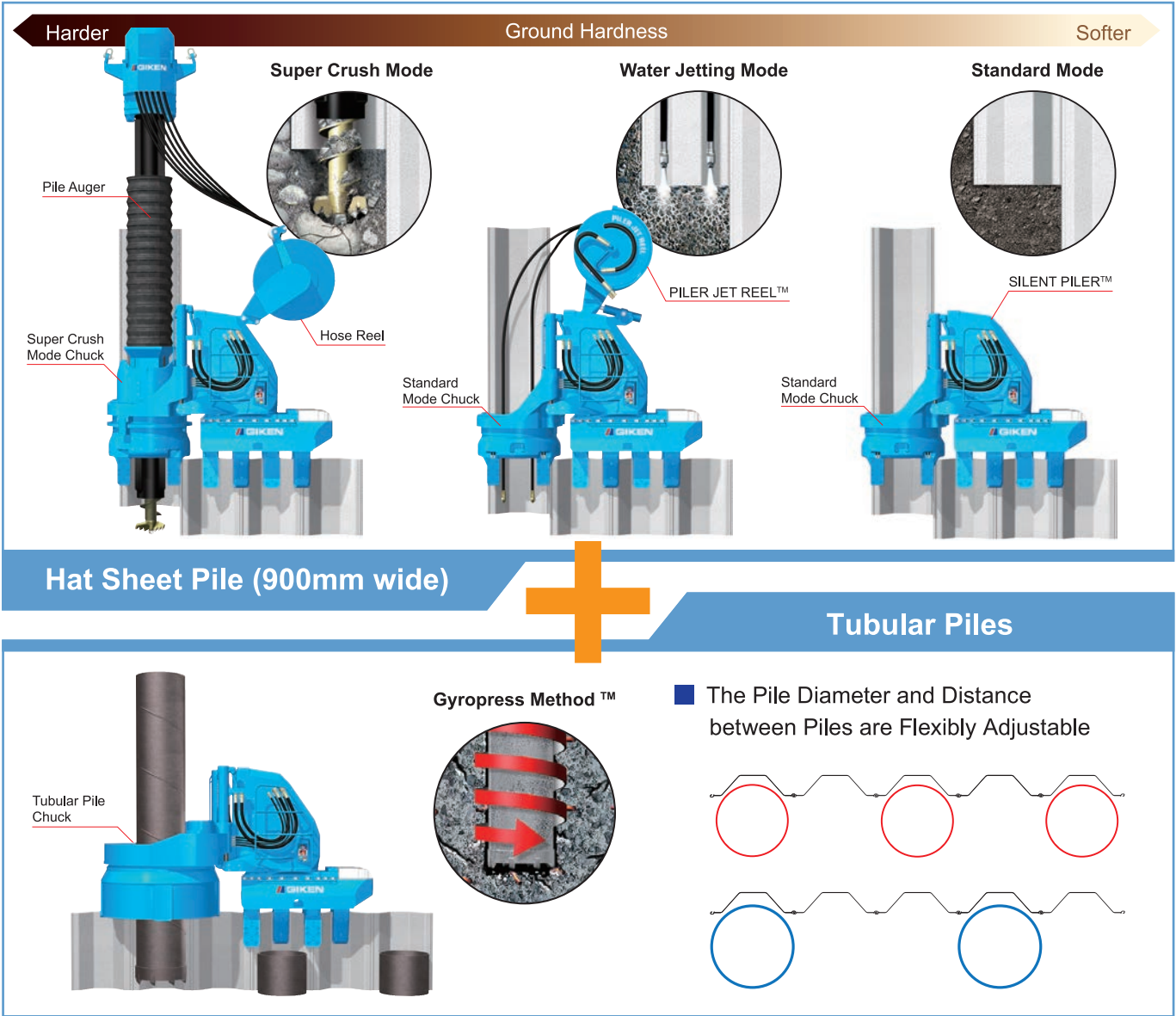


Installation in Progress



Post Excavation

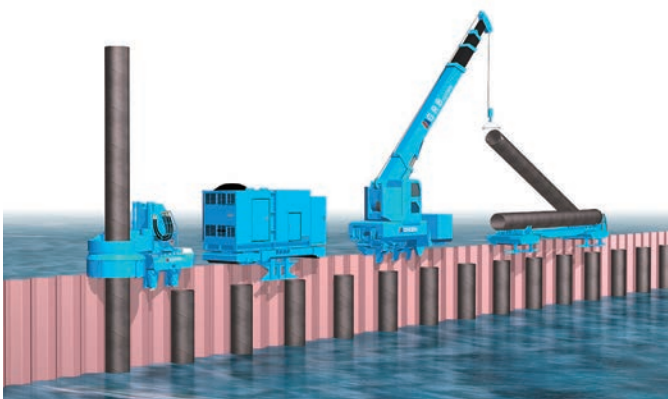
Hat Sheet Piles and Tubular Piles can be installed by the same Press-in Machine



Work is Possible under Severe Construction Conditions

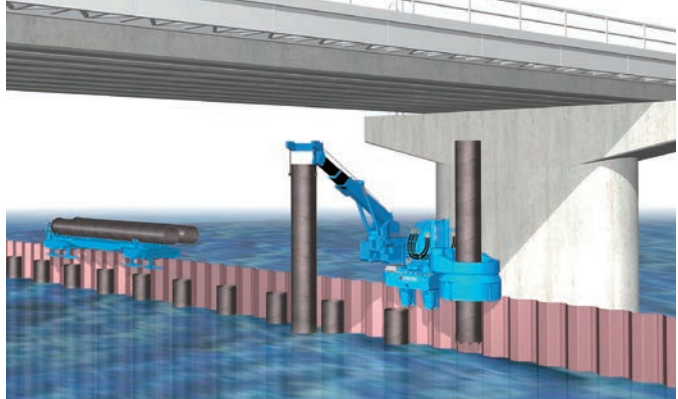
- All piling procedures can be carried out on top of the piles with GRB System™ and enables fast construction at various places without temporary works.

Non-Staging System



Systemized method for over water, in narrow space, or on sloping or uneven ground

Overhead Clearance System



Systemized method overcoming overhead restriction