



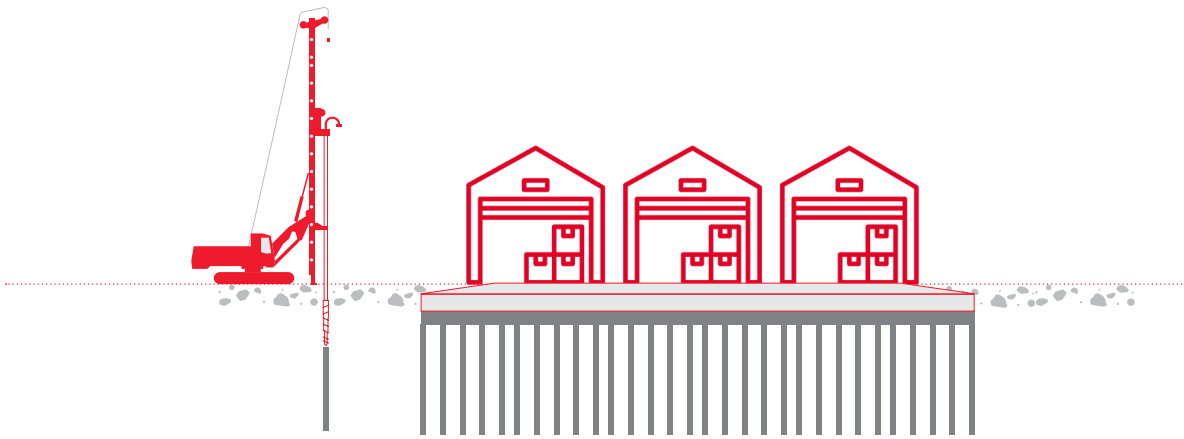
Ground improvement  
solutions

# Warehouse



# ENHANCING WAREHOUSE CONSTRUCTION: THE VITAL ROLE OF GROUND IMPROVEMENT TECHNIQUES

We are here to help you for the construction of your warehouse. We propose a range of ground improvement techniques to ensure that your project and its timelines are not disrupted by poor soil conditions, no matter what the challenge is. Ground improvement techniques are especially well suited for load-bearing structures, including foundations and floor slabs for warehouses and large retail spaces.



## Efficient ground improvement solutions for data centers

Compared to traditional piling works, ground improvement solutions of Menard are the best alternative to mitigate construction risks, minimize construction schedule and costs, lead to environment friendly construction practices and ensure stability and durability of the structure.

### FASTER construction:

- + Shorter column installation (no need to reach hard layer)
- + Less step of installation (no excavation pile, cut-off pile head, pile cap installation)

### CHEAPER cost:

- + Lesser material used
- + Faster installation
- + No need reinforcement, no rigid connection
- + Used material of grout/ mortar with low strength

### Installation QUALITY:

- + Settlement controlled
- + Applicable for wide range of soil conditions
- + Simple structure
- + Section 100% guaranteed on full length (no connection)

### ENVIRONMENT friendly:

- + No spoil during installation
- + No vibration
- + Less material

**Less is  
MORE MENARD.**

Less is More Menard is a fundamental part of our DNA. This principle means using fewer resources to accomplish tasks and achieving greater development and growth through increased innovation.

## Success Stories



**Serendah UMW Factory**  
(Malaysia)



**Zuellig Pharma Warehouse**  
(Cambodia)



**BAC Miele Warehouse**  
(Australia)



**Metro Point**  
(USA)



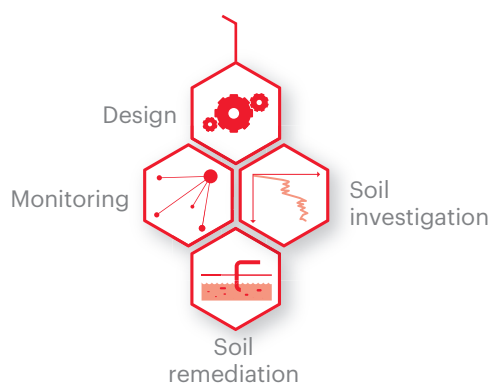
**Unilever Ice Cream Freezer Warehouse**  
(USA)



**USA - Project Dixie**  
(USA)

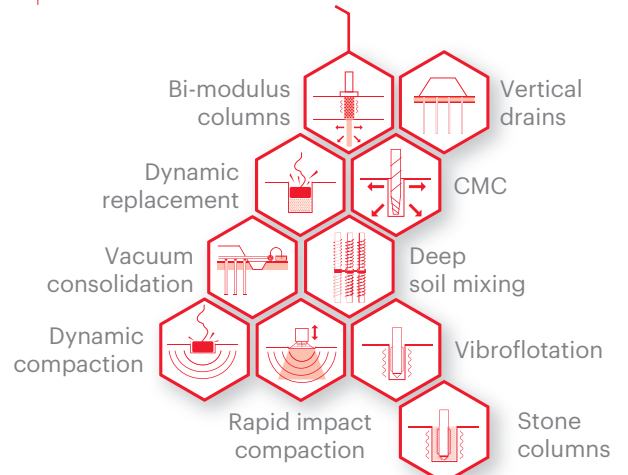
## Geotechnical Expertise

### GEOTECHNICAL EXPERTISE & REMEDIATION



## Our Methods

### GROUND IMPROVEMENT





## Contacts

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