

Narrow Access Method

Z Sheet Pile Press-in Method



Aerial view of the piling works

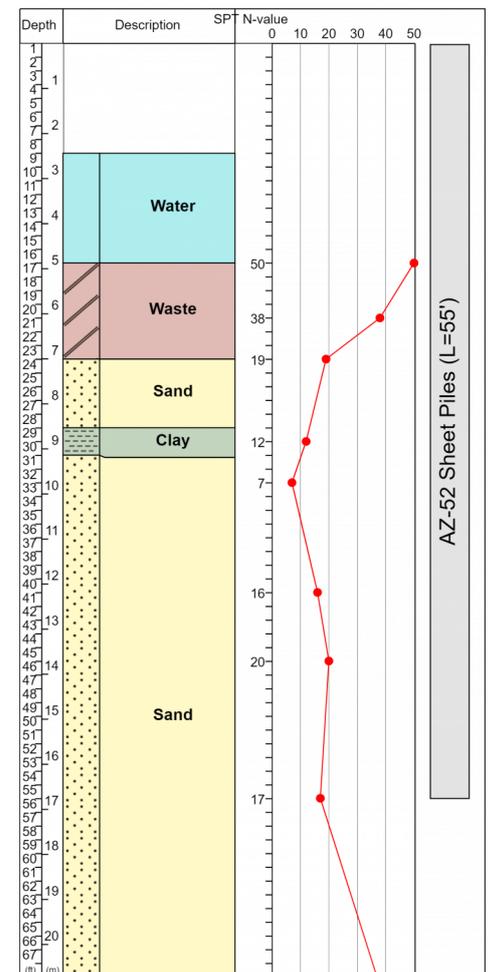


Falsework to support the sheets



Sheet piles in front of existing wall

Project Name	Remediation Target Area 1 - Bulkhead Support for Butler St
Purpose of Project	Canal Improvement
Location	Brooklyn, New York, NY, UNITED STATES
Project Owner	Gowanus Canal Remedial Design Group
Main Contractor	Cashman Dredging & Marine Contracting Co.
Piling Contractor	Cashman Dredging & Marine Contracting Co.
Duration	November 2021 to December 2021
Press-in Machinery	Silent Piler F401-1400™
Pile Section & Length	AZ36, L=44ft, 55ft; AZ52 L=55ft
Features & Remarks	<ul style="list-style-type: none"> -The Press-in method was specified for this section of the rehabilitation work at the Gowanus Canal due to the close proximity to nearby structures. -The contractor chose to use thicker sheets with sacrificial thickness instead of sheet pile coating to increase piling production rates. -The site was pre-excavated to a depth of -10 prior to the piling work to remove any underground obstructions



*Soil Replacement Equivalent to SPT N Value of approximately 10