



# Z Sheet Pile Press-in Method



**Narrow Access Method**



Two machines on narrow levee



Sheet piling along the residential area



Machine next to existing houses

Project Name	EAST GARDEN GROVE WINTERSBURG CHANNEL
Purpose of Project	Canal improvement
Location	Huntington Beach, CA, UNITED STATES
Project Owner	County of Orange California Public Works
Main Contractor	J.F. Shea Construction Inc.,
Piling Contractor	J.F. Shea Construction Inc.,
Duration	November 2020 to May 2021
Press-in Machinery	Silent Piler F401-1400, Silent Piler ECO1400S
Pile Section & Length	AZ26-700, L=48.0'(14.6m), No. 1998
Features & Remarks	<ul style="list-style-type: none"> <li>- The Press-in piling method was specified to install a double sheet pile flood wall to minimize environmental impacts to the surrounding residential areas.</li> <li>- 2 no. of Silent Piler were utilized simultaneously to reduce the construction duration &amp; operation costs of the project.</li> <li>- Reducing negative impact such as ground settlement and damages to neighbors buildings.</li> </ul>

