🔽 Z Sheet Pile Press-in Method





Two machines on narrow levee

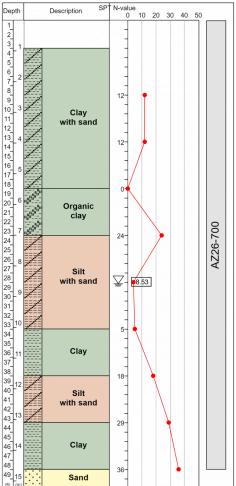


Sheet piling along the residential area



Machine next to existing houses

Project Name	EAST GARDEN GROVE WINTERSBURG CHANNEL	22
Purpose of Project	Canal improvement	22 23 24 25 26 27 28 29 30 30
Location	Huntington Beach,CA,UNITED STATES	27
Project Owner	County of Orange California Public Works	29 30
Main Contractor	J.F. Shea Construction Inc.,	
Piling Contractor	J.F. Shea Construction Inc.,	32 33 34 35 36 37
Duration	November 2020 to May 2021	36
Press-in Machinery	Silent Piler F401-1400, Silent Piler ECO1400S	
Pile Section & Length	AZ26-700, L=48.0'(14.6m), No. 1998	40 41
Features & Remarks	 The Press-in piling method was specified to install a double sheet pile flood wall to minimize environmental impacts to the surrounding residential areas. 2 no. of Silent Piler were utilized simultaneously to reduce the construction duration & operation costs of the project. 	38 39 40 41 42 43 44 45 46 47 48 49 (ft)
	- Reducing negative impact such as ground settlement and damages to neighbors buildings.	49 (ft)







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