



Hard Ground Press-in Method



S G P

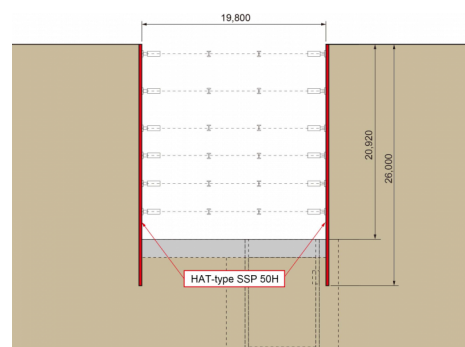
Hat Sheet Pile Press-in Method



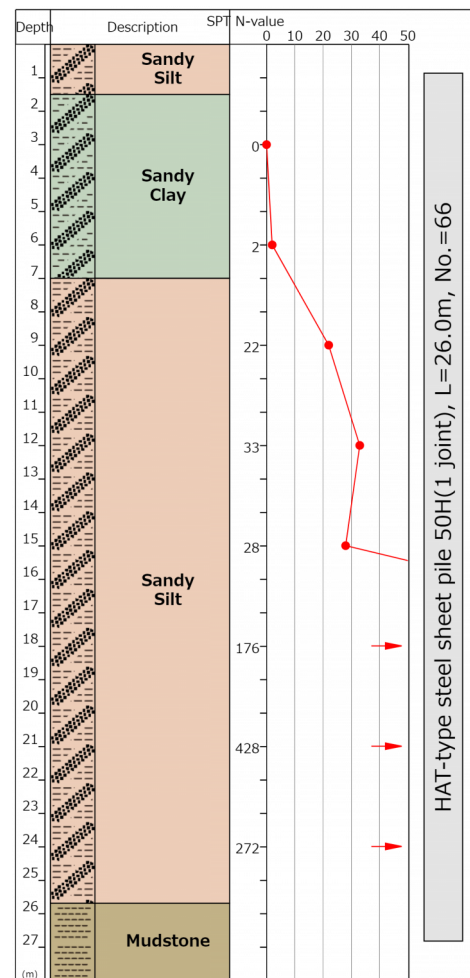
Construction in progress



Construction site view



Cross section



N-value over 50 is extrapolated figure.

Project Name	DTSS PHASE2 T-10, TS SITE
Purpose of Project	Sheet piling for earth retaining wall
Location	SINGAPORE
Project Owner	Public Utilities Board (PUB)
Main Contractor	Nishimatsu Construction Co., Ltd.
Piling Contractor	TAIYO ASIA (E&C) PTE LTD
Duration	April 2021 to June 2021
Press-in Machinery	Silent Piler F301(Hard Ground Press-in version)
Pile Section & Length	HAT-type steel sheet pile 50H(1 joint), L=26.0m, No.=66
Features & Remarks	Low construction cost and shorter construction duration by wider sheet pile section and 100 percent interlock efficiency. Pile installation at sandy silt strata with the max. SPT value, 428. Construction noise : Less than 75dBA (Leq 5mins) which means less than NEA noise limit on sensitive buildings.