



Hard Ground Press-in Method



S G P



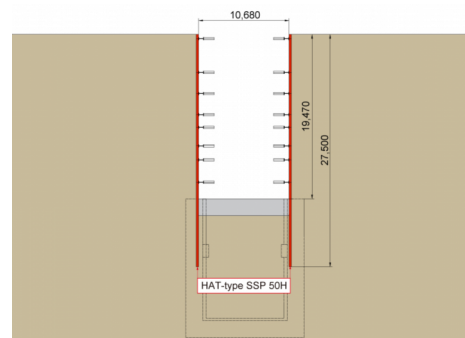
Hat Sheet Pile Press-in Method



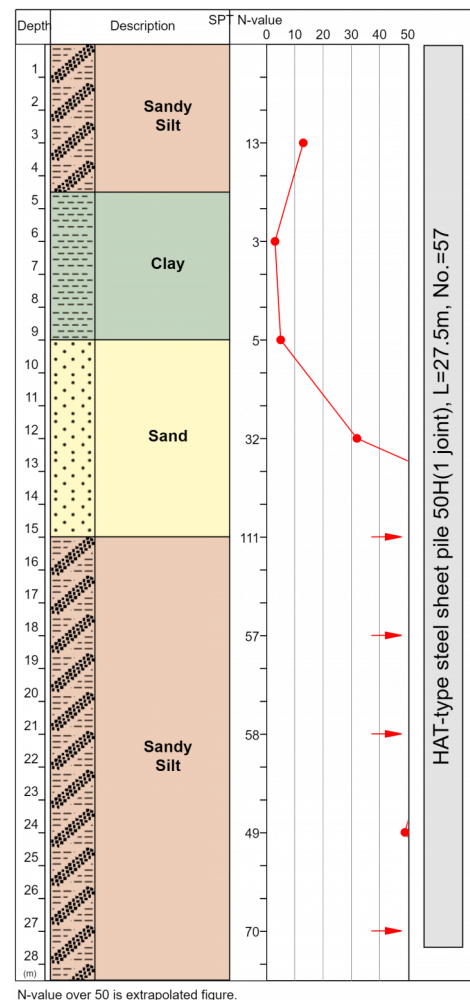
Construction in progress



Construction site view



Cross section



Project Name	DTSS PHASE2 T-10, SS 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	August 2021 to December 2021
Press-in Machinery	SILNET PILER F301(Hard Ground Press-in version)
Pile Section & Length	HAT-type steel sheet pile 50H(1 joint), L=27.5m, No.=57
Features & Remarks	The best piling method at limited working space without negative influences to adjacent structures and neighbours. Pile installation at sandy silt strata with the max. SPT value, 111. Noise Level : Less than 75dBA (Leq 5mins) which means less than NEA noise limit on sensitive buildings. Vibration Level (PPV) : Less than 0.5 mm/s