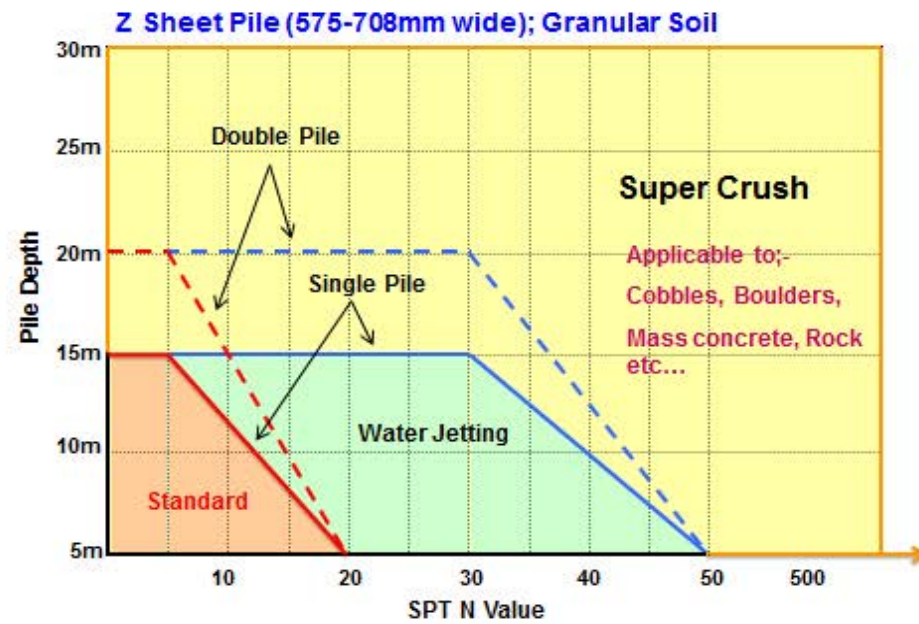


Applicable Press-in Method (Z sheet pile)

In general, applicable Press-in Method for Z sheet piles can be determined based on following soil investigation results as long as each pile to be installed has sufficient drivability.

Standard Penetration Testing

1) Granular Soil

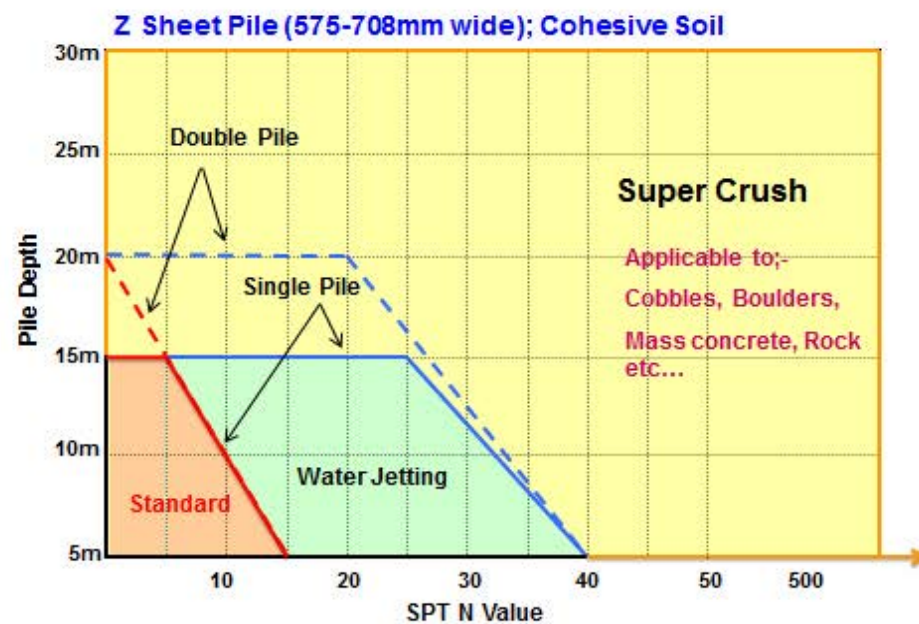


*1; Standard Mode and Water Jetting Mode are not suitable for cobble (200mm to 63mm) or boulder (>200mm) mixed soil condition.

*2; In case of SPT N value greater than 30 and gravel proportion greater than 60%, pre-augering may be required for following Press-in with Water Jetting Operation.

*3; Piles to be installed should have sufficient drivability within the above specified guidelines.

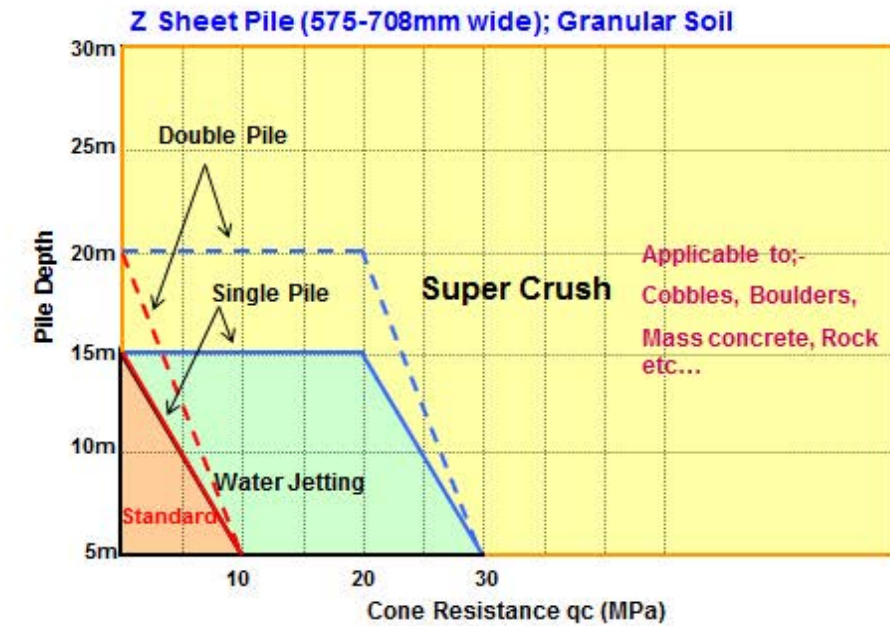
2) Cohesive Soil



*1; Piles to be installed should have sufficient drivability within the above specified guidelines.

Cone Penetration Testing

1) Granular Soil

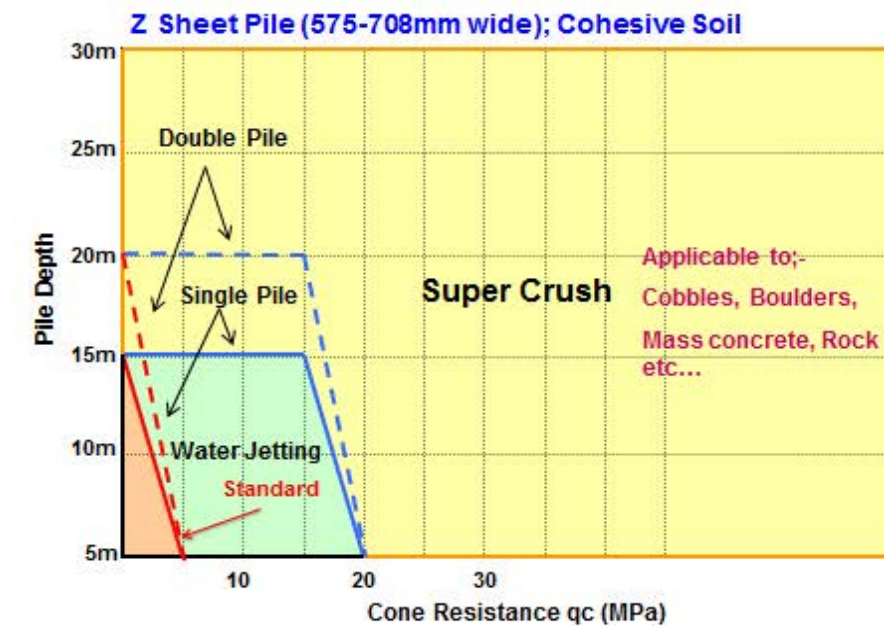


*1; Standard Mode and Water Jetting Mode are not suitable for cobble (200mm to 63mm) or boulder (>200mm) mixed soil condition.

*2; In case of qc greater than 15MPa and gravel proportion greater than 60%, pre-augering may be required for following Press-in with Water Jetting Operation.

*3; Piles to be installed should have sufficient drivability within the above specified guidelines.

2) Cohesive Soil



*1; Piles to be installed should have sufficient drivability within the above specified guidelines.