

# Introduction to Infrastructural Engineering

## Building Structure3

by

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# Piling Works

## 1. General

- ❑ Conform in all respects to MS(Malaysian standard).

## 2. Soil Investigation Reports

- ❑ Design base on soil investigation (SI) reports.



# Piling Works

## iii. Vertically

- The maximum permitted deviation of the finished pile from the vertical shall be 1 in 75

## iv. Rake

- The piling rig shall be set and maintained to attain the required rake. The maximum deviation of the finished pile from the specified rake or the rake shown in the Drawings shall be 1 in 25



# Piling Works

## Types of Pile

i. Precast Reinforced

## Concrete Piles

ii. Spun Piles

iii. Bored Piles

iv. Micro Piles

v. Steel H-Bearing Piles

vi. Sheet Piles

vii. Pressure-Treated Timber

Piles



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# Precast Reinforced Concrete Piles



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# Precast Reinforced Concrete Piles



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# Precast Reinforced Concrete Piles



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# Spun Piles



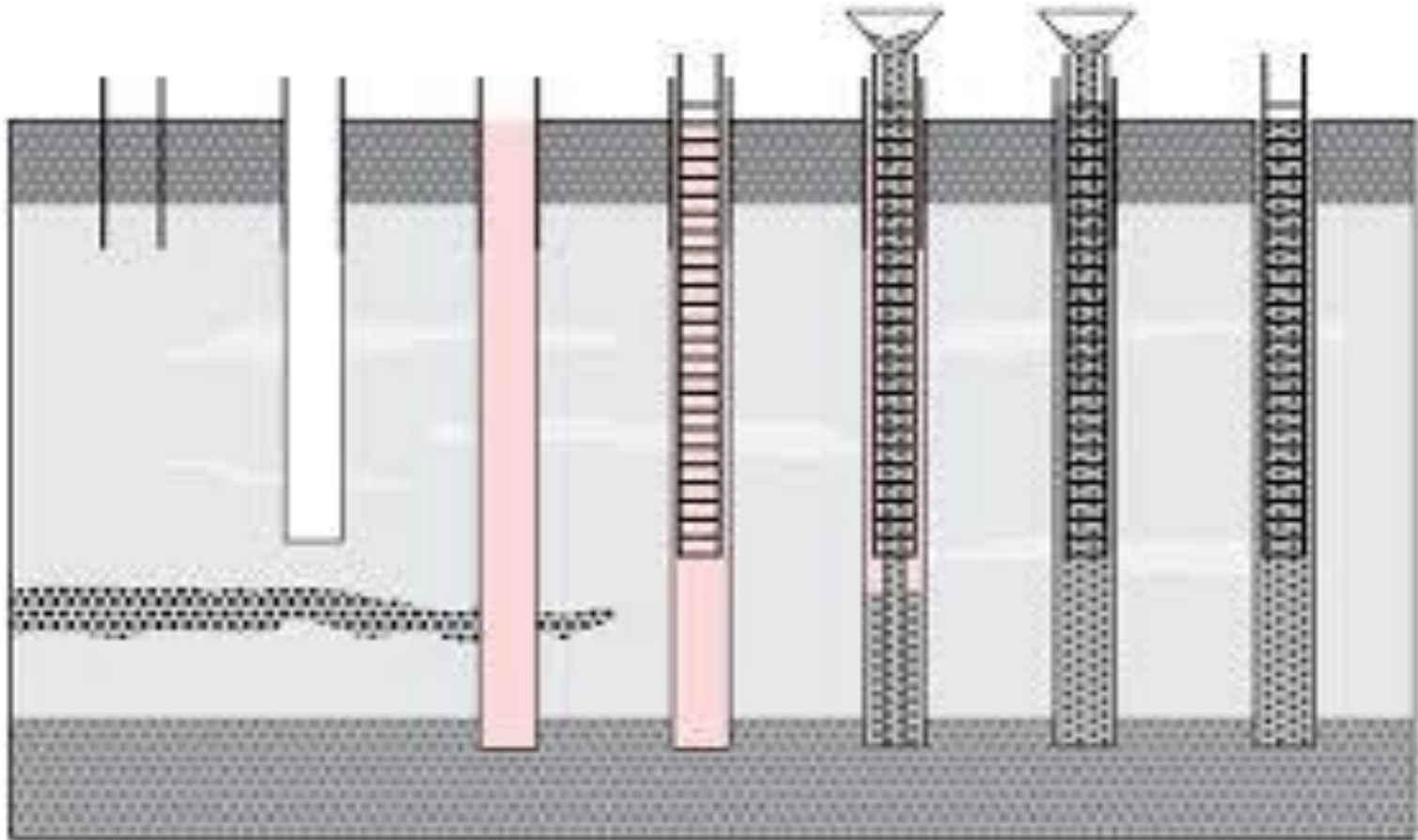


# Spun Piles



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# Bored Piles



# Bored Piles



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# Bored Piles



# Micro Piles





# Steel H-Bearing Piles





# Steel H-Bearing Piles



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# Pressure-Treated Timber Piles



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