

# Pole Tower Pile Foundation Calculation Software

This software application is designed for calculation analysis and drawing of pole tower pile foundations. It includes modules for steel pipe pole cast-in-place piles and iron tower cast-in-place piles, supporting single and multi-pile configurations.



## Overview

### Professional Foundation Calculation Solution

This specialized software provides a comprehensive suite for the calculation, analysis, and automated drawing of pole tower pile foundations. Designed for engineering efficiency, it supports diverse configurations including steel pipe pole and iron tower cast-in-place piles. The system facilitates advanced geotechnical analysis, supporting both long and short pile designs with robust multi-method calculation capabilities.

## Application Modules

### Foundation Configurations

- Single Pile
- Multi-pile with Bearing Platform

### Supported Pile Types

Steel Pipe Pole Cast-in-place Piles, Iron Tower Cast-in-place Piles, Long Piles, Short Piles

## Analytical Capabilities

### Available Calculation Methods

- Displacement Calculation
- US Calculation Method
- Anti-overturning Calculation

### Core Functional Features

Feature Category	Functionality
Structural Analysis	Displacement & Anti-overturning
Drawing	Automated foundation drafting
Pile Support	Single vs Multi-pile support