

Pengembangan fondasi telapak berkaki untuk mendukung kolom eksentris

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20305224&lokasi=lokal>

Abstrak

Construction a building on high-density area must be using foundation by column in side of foundation and this condition cause a high moment. In this research, the moment was solute by installing afoot under foundation. Objective of installing foot is to support the moment from load by moment resistant from lateral earth pressure. Behavior of the footing foundation was studied by research in laboratories. Laboratory test was doing by 3 variations on length and 3 variations on foot position. Analysis of bearing capacity of fooling foundation was proposed by soil plastic condition assumed From the research, bearing capacity of footing foundation was increasing will: increasing length of foot and foot under column is the most ejective position. Analysis method that was developed gives satisfied result.