

# 北京夕照寺小区4#住宅楼CFG桩复合地基 质量问题分析处理

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**摘要** 对北京夕照寺小区4#住宅楼的CFG桩复合地基进行检测,发现部分桩的单桩承载力不满足设计要求。通过验证勘察并经综合分析后认为,造成单桩承载力不足的主要原因是施工时扰动了桩底或(及)桩周砂层。介绍了对该工程质量问题的处理方法,提出了避免类似质量问题的措施,供同类工程在设计、施工时借鉴。

**关键词** [土力学](#); [CFG桩复合地基](#); [地基检测](#); [验证勘察](#); [质量问题](#); [问题分析处理](#)

分类号

## ANALYSIS AND TREATMENT OF A QUALITY PROBLEM OF COMPOSITE FOUNDATION OF CFG PILES FOR BUILDING 4 IN XI ZHAOSI RESIDENTIAL AREA

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### Abstract

Data obtained from composite foundation monitoring showed that the allowable bearing load of some cement flyash gravel(CFG) piles for building No.4 in Xizhaosi residential area did not meet the requirements of engineering design. After re-exploration and careful analysis, it was found that the sand soil under the bottom of the pile and around the pile was disturbed during the construction of CFG piles. This paper aims at reminding engineers and technicians of elaborate design and construction of CFG pile to ensure quality in composite foundation design and construction.

### Key words

[soil mechanics](#); [composite foundation of CFG piles](#); [foundation checking](#); [re-exploration](#); [quality problem](#); [analysis and treatment of quality problem](#)

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