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ZAŠTITA GRAĐEVNE JAME ZAGATNOM STIJENKOM I SIDRIMA

Sažetak:

U radu je definirana zaštita građevne jame kako bi se ostvarili uvjeti za planirano izvođenje konstrukcije objekta i spriječilo slijeganje okolnog tla na kojemu je temeljen objekt. Osnovni nosivi element građevne jame u tlu je podgradna konstrukcija, koja u velikoj mjeri ovisi i o geološkim značajkama tla. S obzirom na planiranu nadogradnju objekta i utjecaj postojećeg objekta uvijek je važno provest i zaštitu građevne jame. Potporna konstrukcija zaštite građevne jame je izračunata ručnim postupkom prema standardima Eurocode-a 7 i programskim paketom GEO 5, koji omogućava provjeru stabilnosti zagatne stijenke, te daje moment i sile koje djeluju na stijenk.

Ključne riječi:

građevna jama, zagatna stijenka, sidra, Eurocode 7, Geo 5

PROTECTION OF CONSTRUCTION PIT BY RETAINING WALL AND ANCHORS

Summary:

This written work defines protection of the construction in order to create conditions for planned execution of construction of the building and prevent subsidence of the surrounding soil on which object is based. The basic load-bearing element of the construction pit in the ground is a substructure, which largely depends on the geological features of the soil. Considering to upgrade of object and influence of the existing object, it is necessary to do protection of the construction pit. The supporting structure is calculated using the manual procedure according to Eurocode standards 7 and software GEO5, which allows testing of retaining wall stability and gives moments and forces acting on the wall.

Key words:

construction pit, retaining wall, anchor, Eurocode 7, Geo 5

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