

عنوان مقاله:

An introduction to Iran's unknown architecture, Ab Anbaar structure in Qazvin Case Study: Haj Kazem Ab Anbaar in Qazvin

محل انتشار:

دومین کنگره بین المللی سازه ، معماری و توسعه شهری (سال: 1393)

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خلاصه مقاله:

Ab Anbaar, lake, pool have been made to provide drinking water supply in Iran and other countries. However access to water was not same, but all of them have one thing in common, the storage of water. Haj Kazem Ab Anbaar was located in Maghlovak district which have made in Ghajar dynasty. This structure are include reservoir, stairway, Pa Shir, Sar Dar (portal) and two Bad gir (Windward). Reservoir capacity is 1870 m^3 and rectangle shape, which build from east to west. Tall portal have eight meter height and decorated with Maegheli (Islamic calligraohy) . Date analysis has been indicated that excavation and construction of this Ab Anbaar was done by Rikhtai method (poured i.e made of poured lime-plaster) and while digging out, its ceiling was constructed. The construction material used for ab anbars were,slaked lime mortar,Saruj (the type of plaster most commonly used called sarujm is a compound from six part clay, four parts lime, one part ash) , stone, wood and Ajor Ab Anbaari (special bricks for construction of cistern). The roof of the reservoir has constructed barrel-vault and roof of the stairway constructed with two incrustation and Tagh ahang (kind of vault). This building have SaghaKhane and Moazeneh(on top of the portal there is a place which called Moazeneh). This study has been taken by data library and conducting field studies of Ab Anbaar plan with triangulation method and technology of construction

کلمات کلیدی:

(Ab Anbaar, Haj Kazem Ab Anbaar, Construction's technology, Rikhtai method, Tagh Kazhave (Barrel-vault

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