

Registration Form

TEAM INFORMATION

Team Name/Project Title: Central City Masonic Lodge Building Stabilization and Restoration

Department: Civil Engineering

Faculty Advisor: Peter Marxhausen

Team Members: Dinesh Panta, Mohammad Alhashel, Tara Brodie, Ryan Dillabough,
Diana Garcia, Nate Hultslander

PROJECT INFORMATION

Description:

Investigation, research, analysis, and design of methods to protect and preserve the Central City Masonic Lodge.

Abstract:

The Central City Masonic Lodge Building is located at 111 Eureka Street, Central City, Colorado. The facility is a three-story structure that was constructed in 1864 and utilized masonry exterior walls and a low-slope roof. The property is presently owned by the Central City Masonic Building Association, Inc. The building is in fair condition and exhibits distress due to settling and foundation movement. Some key issues and focal points include the foundation, masonry walls, floor structure, and building envelope. The building needs to be studied and evaluated to determine short-term and long-term needs to stabilize and rehabilitate the structure. Any repair or rehabilitation would need to be performed in the context of the historic nature of the building and the surroundings.