

# Alkek Library Infrastructure Improvements Texas State University

San Marcos, Texas

2015

## Project Description

This project included the facility assessment for planned infrastructure improvements and modernization. The building is ~25 years old, 7-stories tall, and has a gross square footage of ~310,000ft<sup>2</sup>. FPCG conducted an overall building and life-safety code assessment of the general means of egress system components, fire resistance rated walls, building height and area, and provision of mandatory stair pressurization, fire suppression, and alarm systems. As part of the project, FPCG was asked to review the existing fire alarm and voice alarm communication system for compliance with current Texas State University standards and provide recommendations for improvement for facility modernization. This project included the review of the existing system as-built conditions, development of a targeted testing plan, and witnessing functional testing of the system for documentation of areas needing improvement. FPCG conducted audibility, intelligibility, event reporting, and limited initiating device testing as part of this project.



**Project Delivery Method:** A/E Study

**Project Final Cost:** Not known. Study only.

**Key Dates:** 01/2015 – Project NTP, 04/2015 – Evaluation completed

**Key Team Members:** Cliff Whittingstall, PBK Architects (210) 829-0123 – Prime Service Provider

## FPCG Team Member Responsibilities

Mr. Temple Kennedy conducted an overall building and life-safety code assessment of the general means of egress system components, fire resistance rated walls, building height and area, and provision of mandatory stair pressurization, fire suppression, and alarm systems. Mr. Gilead Ziemba reviewed the existing fire alarm and voice alarm communication system for compliance with current Texas State University standards and provided recommendations for improvement for facility modernization. Mr. Ziemba reviewed the existing



system as-built conditions, developed a targeted testing plan, and witnessing functional testing of the system for documentation of areas needing improvement. Mr. Ziemba conducted audibility, intelligibility, event reporting, and limited initiating device testing as part of this project.