



## **DIVISION 21 00 00 FIRE SUPPRESSION**

### **1. FIRE ALARM SYSTEMS.**

- A. Simplex is the approved sole source for the fire alarm systems at TTU. We use a voice evacuation type system, no horns. Because of this, more speaker/strobe combinations are usually required than if horns were to be used.
- B. All fire alarm devices and trim used are typically red. White devices have been used in some campus residence buildings and other special locations. Use of white trim devices requires approval of the assigned project manager.
- C. The fire alarm control panel will be connected to the University's central monitoring network.
- D. Specifications for the fiber required will be provided by the TTU Information Technology Services department.

### **2. SPRINKLER SYSTEM.**

- A. If preliminary calculations indicate a fire pump will be required, notify TTU ASAP. TTU does not want fire pumps. The Cookeville Fire Department may sign a waiver for the fire pump; they have signed some waivers in the past.
- B. Try to design so that all piping drains to the outside. TTU prefers not to drain to sump pits.
- C. Please design the system as 100% wet system. Dry piping may/will be required over covered walks, breezeways, etc. If possible run piping for these through conditioned space to eliminate the dry piping.