



Civil Engineering
Landscape Architecture
Community Planning
Surveying

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June 19, 2006

Chris Stewart, Assistant Director
City of Lawrence
Public Utilities
6 East 6th Street
Lawrence, Kansas 66044

Re: West Junlor High School USD 497 Fire Protections

Dear Chris,

The City of Lawrence Fire Department has recommended that the new building addition to the West Junior High school be fully sprinklered for fire protection. This requirement is based on the State Fire Marshall requirement per code. The closest available existing waterline to the addition is a six-inch waterline along the west side of Crestline Drive. This waterline was installed in approximately 1956. Based on information provided by the fire sprinkler consultant, the fire protection line must be a minimum of six inches in size. The City of Lawrence requires that all connections to the City water system be one size smaller than the existing mainline. This requirement would not be a problem if the existing main waterline was the normal eight-inch waterline that has been installed over the past 20 years. See exhibit of the existing waterlines in the surrounding area.

We are requesting a variance in the one size below the existing waterline to allow a six-inch tap off the existing six-inch waterline.

Please forward this request to all parties for review and action.

Sincerely,

C.L. Maurer, RLA, ASLA
Landplan Engineering, P.A.