



POE & ASSOCIATES, INC.

5940 E. Central, Suite 200
Wichita, Kansas 67208

CONSULTING ENGINEERS

(316) 685-4114
FAX: (316) 685-4444

July 7, 2008

Mr. Scott Lindebak, P.E.
City Hall, 8th Floor
455 North Main
Wichita, KS 67202

RE: Supplement to Holland Commercial Addition Drainage Report dated October 2006

Dear Mr. Lindebak:

The following shall be added to the above referenced Drainage Report. Due to the additional capacity of the existing drainage channel located in the Holland Commercial Addition, provisions shall be made to accommodate overland flows within the platted forty-foot (40') Drainage Easement. The existing channel carries a design flow of just over 580 cfs (see channel report). The proposed 8' x 6' RCB requires additional capacity since it carries a minimum capacity of nearly 526 cfs for a 100-year storm event. An overflow path shall be constructed inside the Drainage Easement to provide the additional capacity. The enclosed channel report shows an example design for a trapezoidal channel with a depth of 1.25' and a full capacity of over 65 cfs. This added capacity more than accounts for the current capacity on this site. Future grading plans shall ensure that overland flow paths are designed to maintain flows that may not enter the proposed RCB. It should also be noted that the current RCB design would have a maximum 100-year HGL of 1325.05 at the upstream end near Belview Avenue. This elevation is actually over five inches (5") below the low point on Belview Avenue, showing a minimal likelihood of backing additional water up into the Belview Avenue Right-of-Way.

Please let me know if you have any further questions or comments.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jason P. Dickman', is written over a light gray rectangular background.

Jason P. Dickman, P.E.
Design Engineer

Encl.