

## OFFICE OF COUNTY MAYOR TIM BURCHETT

Knox County Engineering & Public Works • 205 West Baxter Avenue, Knoxville, TN 37917

## **MEMO**

TO: Gerald Green

**FROM:** Cindy Pionke, P.E. **DATE:** January 10, 2018

RE: 10078 Highgate Circle

The address of 10078 Highgate Circle is in the 500 and 100 year floodplains as well as the floodway of Plum Creek. Please see the attached map. The house appears to be entirely in the 500 year floodplain. Homes built in the 500 year flooplain are not required to have flood insurance. However, a bank may or may not require flood insurance if the property is in the 100 year floodplain. The plat called for a minimum floor elevation of 945' for the lots in Unit 2. There are only three certificates of elevation for this subdivision and this lot does not have a certificate.

The Elders Hardware plan meets the current requirements of the Knox County Floodplain Ordinance and federal FEMA regulations. Please note that the county ordinance is stricter than FEMA's on two counts. The first is that the required elevation certificate must show that the structure is at least 1' above the 500 year floodplain elevation. The second is that there is to be no filling in the area between the floodway and one half the distance to the 100 year floodplain.

