

**Site Improvement and Drainage Plan Information for Building Permits**

1. Please provide a summary of each important/critical aspects of the project below:

A. Existing Site Conditions: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Summary of Proposed Improvements: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. Estimated construction time and completion date: \_\_\_\_\_

\_\_\_\_\_

2. Please provide a summary of each drainage aspect below:

A. Provide a brief description of pre-development and post-development drainage patterns and discharge points and any proposed changes in the flow patterns for post-development conditions: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

B. Discuss how peak flows during construction and for post-development conditions will be addressed including a discussion on chosen methods and drainage facilities to control runoff: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

C. Summarize the results of drainage calculations and/or hydrologic modeling results:

100 year peak flow(s) for existing conditions:\_\_\_\_\_

\_\_\_\_\_

100 year peak flow(s) for proposed conditions:\_\_\_\_\_

\_\_\_\_\_

D. Name the professional engineer (licensed in the state of Texas) will be responsible for providing the drainage plan and a final completion letter that will indicating that the BMP's have been constructed per plan:\_\_\_\_\_

E. Include a discussion pertaining to protection of the Edwards Aquifer. Per TCEQ Chapter 213 – Edwards Aquifer, indicate what steps are proposed to reduce impervious cover to the 20% max threshold to allow exemption from the Edwards Aquifer Protection Plan (EAPP) requirements:\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

F. Site improvements that include improvements to be performed outside of interior home (or other structures) require a soil erosion control plan unless approved by City Engineer. Please provide a description of all soil erosion control measures to be implemented during construction and any permanent structures:\_\_\_\_\_

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