



PRELIMINARY DRAINAGE & PRELIMINARY UTILITY PLAN CHECKLIST

This checklist is not all-inclusive of all City ordinances and standards, additional information may be requested by Staff.

PRELIMINARY DRAINAGE PLAN

- ☐ Scale at 1:200' or larger
- ☐ On or off-site drainage
- ☐ Existing, Proposed and Ultimate (if applicable) Drainage Area Map
- ☐ Overall drainage calculations showing estimated runoffs and adequacy of existing downstream drainage system to handle proposed runoff from site
- ☐ Pipe layout and estimated sizes of proposed storm sewer lines
- ☐ Existing storm sewer lines, culverts, potential tie-in locations (For As-built information, contact Engineering Services Department at asbuilts@friscotexas.gov).
- ☐ Existing and proposed contours at two-foot (2') intervals
- ☐ Show limits of floodplain. Hatch FEMA within development and indicate reclamation area with acreage. Flood Study shall be accepted by the City prior to Construction Set Approval.
- ☐ Provide floodplain note:
"According to flood insurance rate map (firm) map no. _____ dated _____ prepared by Federal Emergency Management Agency (FEMA) for <Denton/Collin County, Texas, this property is within zone A, AE, X>."
- ☐ If onsite detention/retention is proposed, show location.
If no onsite detention/retention is proposed, provide detention note:
"On-site detention limiting post-development discharge to a pre-development runoff rate is required for all new construction unless a downstream assessment has been provided demonstrating that the existing storm system is adequate to handle post-development discharge rates."
If regional detention exists for this project, provide a note referencing where the regional detention was designed and constructed.
- ☐ Downstream Assessment shall be accepted by the City prior to Site Plan Submittal.
- ☐ Show and label all easements and associated widths. Easement width shall be based on Engineering Design Standards 4.17 (link at bottom of this checklist).

PRELIMINARY DRAINAGE PLAN

- ☐ Stormwater runoff must be treated by one of three BMPs: extended detention, biofiltration or mechanical separator, call out selected BMP on the plan based on Engineering Design Standards 4.18 (link at bottom of this checklist).
- ☐ The City has watershed studies for Cottonwood Branch Panther Creek, West Rowlett Creek, Rowlett Creek, White Rock Creek and Stewart Creek. For access to these studies, contact csalinas@friscotexas.gov.

PRELIMINARY UTILITY PLAN

- ☐ Scale at 1:200' or larger
- ☐ Existing and proposed water and sanitary sewer lines and their sizes (For As-built information, fill out as-built request form from the City's website, attach an exhibit showing where as-builts will be needed, and email to asbuilts@friscotexas.gov
- ☐ Wastewater service area basins (Refer to: Wastewater Master Plan Map)
- ☐ Water and Wastewater Demand Analysis: Provide table and/or plan with a comparison of the estimated pre-development versus post-development water and wastewater demands.
- ☐ Potential tie locations
- ☐ Show all fire hydrants, meters, services, etc. Valves are not required at this stage but must be correct if shown.
- ☐ Show and label all easements and associated widths. Easement width shall be based on Engineering Design Standards 5.04 (link below).

[Engineering Design Standards Link](#)

By signing this document, I attest that this plan complies with the Zoning and Subdivision Ordinance, Engineering Standards and all other applicable codes and ordinances of the City of Frisco.

Preparer's Name (printed)

Preparer's Signature

Date