## Springs Utilities(SU) External Development Plan Checklist



Note: Additional design requirements not included in this checklist can be found in the Water and Wastewater Line Extension and Service Standards (LESS) and/or City Land Use Review (LUR). Check the following links:

- https://www.csu.org/Pages/LandUseReview.aspx
- https://www.csu.org/Pages/ConstructionStandards.aspx

## A N/A

- 1. Utility plan sheet needs to be titled Preliminary Utility and Public Facilities Plan
- 2. Preliminary Utility and Public Facilities Plan needs to include the following items:

North arrow and scale General Notes for Preliminary Utility Plan

**NOTE**: General Notes for the Preliminary Utility Plan can be found at:

https://www.csu.org/Documents/PreliminaryUtilityPlansNotes.pdf

- 3. Show vicinity map on development plan, show and label existing utilities, including the size, material, and private/public on preliminary utility and public facilities plan (general note if all the same size).
- 4. Indicate and label existing utility easements, including width, book and page, and/or reception number(s).
- 5. Show and label proposed and existing streets as public or private.
- 6. Show and label all proposed utilities, including the size, material, and private/public:

Electric Gas Wastewater Water Storm

- 7. If applicable indicate the location of grease and sand/oil interceptors and ensure that the location meets SU's criteria and standards.
- 8. Gas and electric meter locations on plan view and building elevations need be shown and labeled. Individual lot details for single family/townhomes.
- 9. Ensure water and wastewater extensions meet the city and SU's criteria and standards.
- 10. Provide street cross-sections, and verify the following items:

Meet City and SU's requirements Adequate separation between the shown utilities

11. Indicate and verify proposed Public Utility Easement widths:

30' - single wet 50' - two wet, etc. 42' townhome 60'- 3 Utilities

- 12. Ensure there are no proposed encroachments into utility easements and clearly identify existing encroachments.
- 13. Indicate the required separation between the proposed utilities and the following items:

Curb and Gutter Buildings Retaining walls Other utilities Etc

14. If applicable, the plan needs to show the following proposed or existing items:

Retaining walls Aesthetic walls Dumpster enclosure Stormwater facilities Other structures

15. If required, submit "Hydraulic Grade Line" and "Wastewater Master Facilities" forms; see the following links: https://www.csu.org/Documents/HydraulicGradeLineRequest.pdf https://www.csu.org/Documents/WastewaterMasterFacilityForm.pdf

- 16. Ensure the proposed fire service lines and fire hydrants meet proper spacing.
- 17. If applicable, ensure the water main meets the water looping system requirements:

Fire and domestic (commercial and apartments) Residential Townhome

- 18. Ensure the proposed grading over the existing utilities meets the SU's requirements and standards.
- 19. If applicable, indicate a 16' wide, HS-20 access road to all wastewater and water appurtenances located within drivable areas where appropriate.
- 20. Label Wastewater/water main/service abandonments/removals: Stubs Services
- 21. Ensure that wastewater service lines 8-inch or larger show manhole locations.
- 22. If the proposed wastewater main connects to a 30" or larger main, a vault is required.
- 23. Label crossings: CDOT Railroad Bridge Creek/channel Retaining Wall
- 24. Ensure no trees are proposed within 15-ft of wastewater or water mains, or within 6 ft of electric & gas distribution lines.
- 25. Show all existing and proposed utilities on the landscaping plan and coordinate any changes to the proposed plan with the landscape designer.