

DRAINAGE PLAN/PROFILE CHECKLIST

Drainage Plan/Profiles shall include the following as a minimum. The DCM Criteria must be shown to be met with the Drainage Plan/Profile. Additional information may be required to show Criteria is being met.

PLAN CONTENTS

1. Cover Sheet

- a. General vicinity map – A map showing relationship of the site to existing and planned roadways, jurisdictional boundaries, major creeks, and streams.
- b. Subdivision name – The name as it appears on the Final Plat. If the project is not associated with a subdivision, include Project name.
- c. Report containing design calculations, including STM-REVXX-XXXX review number
- d. Cost Estimate (Public Infrastructure) – Include an itemized cost estimate with item description, quantity, and unit price. A 20% engineering contingency must be included. Financial assurances in the amount of the cost estimate must be posted prior to Drainage Plan/Profile approval. This requirement does not apply to capital projects.
- e. Notes:
 - i. The City of Colorado Springs does not assume liability for the design contained in this plan.
 - ii. This plan expires 1 year after approval unless construction has commenced.
- f. Signature blocks (see below)

2. Plan

- a. The plan must be shown at a maximum scale of 1-inch to 100 feet
- b. Engineer must stamp/sign each sheet
- c. North Arrow and Bar Scale
- d. Utilities
- e. Property lines and easements must be shown and labeled
- f. FEMA 100-yr floodplain boundaries with label
- g. Location of all drainage features – to include, but not limited to storm sewer, PCMs, etc.
- h. All drainage infrastructure must be labeled as public or private. All pipe within private property must be private and pipes within public ROW must be public. The transition of the pipe from private to public must be labeled. Ensure all pipes and structures are labeled as public or private in plan view.
- i. Maintenance access must be shown and labeled for inlets and manholes not located in parking lots or streets.



3. Profiles

- a. Profiles must be included for each pipe run
- b. Profiles must be clearly labeled with corresponding labels in the plan
- c. 5yr and 100yr HGLs must be shown on profiles
- d. Crossing utilities must be shown on profiles, with clearance distances labeled (outer wall to outer wall)
- e. Existing and proposed grade must be shown and labeled
- f. End treatments and outfall protection must be shown
- g. If outfalling to a channel, show 5yr and 10yr WSEL in channel

4. Construction Details

- a. Structural details and associated notes for all proposed drainage conveyance infrastructure structures. Conceptual drawings from the DCM and MHFD manual do not meet this requirement. Standard City or CDOT reinforcement details are acceptable where permitted by criteria.



DRAINAGE PLAN/PROFILE SIGNATURE BLOCKS

Engineer's Statement:

This Permanent Control Measure (PCM) Plan was prepared under my direction and supervision, was designed in accordance with the City of Colorado Springs Drainage Criteria Manual (May 2014), and is correct to the best of my knowledge and belief. I accept responsibility for any liability caused by any negligent acts, error or omissions on my part in preparation of this PCM Plan.

Signature:

Date:

Printed Name:

Email address:

Seal

Developer's Statement:

{Name of Developer} hereby certifies that the PCM for {Name of Development} shall be constructed according to the design presented in this plan. I understand that the City of Colorado Springs does not and will not assume liability for the drainage facilities designed and/or certified by my engineer and that are submitted to the City of Colorado Springs pursuant to section 7.7.906 of the City Code; and cannot, on behalf of {Name of Developer}, guarantee that the final drainage design review will absolve {Name of Developer} and/or their successors and/or assigns of future liability for improper design.

Name of Developer:

Authorized Signature:

Date:

Printed Name:

Title:

Email:

Address:

Phone:

City of Colorado Springs Review Statement:

Filed in accordance with Section 7.7.906 of the Code of the City of Colorado Springs, 2001, as amended.



For SWENT Manager

Date

Conditions:

