

To: Mikayla Hartford

From: Caleb Johnson

Date: 05/22/2026

Re: Drainage Memo – Relocate Drop Structure

This document is the drainage memo for Falcon Ranchettes Filing No. 1a (Meridian Storage). The previously approved Final Drainage Report for this project included a drainage analysis for improvements to the existing roadside ditch along Meridian Road.

Purpose

The purpose of this memo is to identify if any analysis is necessary for the relocation of a grouted boulder drop structure as designed in the approved Final Drainage Report.

Previous Drainage Studies

- Final Drainage Report for Falcon Ranchettes Filing No. 1a, dated June 28, 2024 – Referred to as **FDR** hereon.
- Drainage Memo – Remove RV Storage, dated 12/07/2025 – Referred to as **Drainage Memo #1** hereon.

Drainage Channel

The **FDR** analyzed the proposed drainage channel improvements to UTBSC East Branch using Bentley software *FlowMaster* to properly size a trapezoidal channel to safely convey stormwater while providing 1.0-ft minimum of freeboard. The grouted stepped boulder drop structures were designed using criteria set forth in USDCM from Mile High Flood District.

The relocated drop structure (shifted north approximately ~65 LF) imposes no changes to the design parameters nor criteria set forth in the USDCM and approved **FDR**.



Signature Page
Falcon Ranchettes Filing No. 1a (Meridian Storage)
Drainage Memo – Remove RV Storage

Engineer's Statement

The attached drainage plan and memo were prepared under my direction and supervision and are correct to the best of my knowledge and belief. Said drainage memo has been prepared according to the criteria established by the County for drainage reports and said report is in conformity with the applicable master plan of the drainage basin. I accept responsibility for any liability caused by any negligent acts, errors or omissions on my part in preparing this report.

Caleb Johnson, PE #65756
For and on behalf of Galloway & Company, LLC.

Date

Developer's Certification

I, the developer, have read and will comply with all of the requirements specified in this drainage memo and plan.

By: _____

Date

Address: Mike D. Texer
11750 Owl Place
Petyon, CO 80831

El Paso County Certification

Filed in accordance with the requirements of the Drainage Criteria Manual, Volumes 1 and 2, El Paso County Engineering Criteria Manual and Land Development Code as amended.

Joshua Palmer, P.E.
County Engineer/ECM Administrator

Date

