

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**.

Please provide statement that the drainage along the channel will perform as required with respect to the changes made.



**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.

Please provide  
stamps and  
signatures.

\_\_\_\_\_  
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: \_\_\_\_\_

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

\_\_\_\_\_  
Date

**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

J.

\_\_\_\_\_  
Date

