

May 23, 2017

Mr. Dan Burroughs PE  
Town of Dillon  
Town Engineer/Community Development Coordinator  
Dillon, CO

**RE: Dillon Ridge Block 6 Drainage and Water Quality Memo**

Dear Dan,

The following memo addresses the drainage and water quality requirements associated with the development of Block 6, Dillon Ridge Marketplace in Dillon, Colorado. Our client, Summit Homes LLC, is proposing to begin construction of three 12plex buildings (36 total units) in the summer of 2017.

Block 6 was created approximately 20 years ago as part of the overall Dillon Ridge Marketplace development. During that time the drainage and water quality for the entire area, including Block 6, was studied by Hurst and Associates, Inc. and a final drainage report was developed (Final Drainage Report, Dillon Ridge Marketplace Job No. 2000-13 Dated 3/28/1997). That report is the guiding document for the area and is the basis of this memo. A copy of the report is on file at the Town of Dillon. During the initial development of the Dillon Ridge Marketplace, Block 6 was regraded and left undeveloped. The site currently drains to the southwest and is sparsely vegetated.

Detention and Water Quality Requirements

During the development of the Dillon Ridge Marketplace an overall detention and water quality pond was designed and built on the south side of Highway 6 per the recommendations in the Final Drainage Report. The majority of the overall developments drainage is directed to the pond via inlets and culverts. Once the water has been detained it is released at the allowable rate and flows through another series of culverts through the Town of Silverthorne where it eventually makes it way to the Blue River. Block 6 was included in the sizing of the pond and as such will utilize the existing pond to provide the detention and water quality functions required due to the development of the lot.

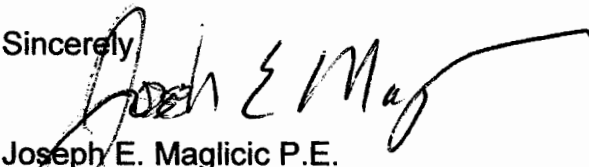
The majority of the drainage generated by the development of the Block 6 will be directed to the existing culvert previously installed to collect the drainage from

Ten Mile Engineering, Inc.

Block 6 and ties into the overall Dillon Ridge Marketplace drainage system that directs the water to the existing detention and water quality facility. The existing drainage report for Block 6 assumed that the property would be approximately 90% impervious when developed and the existing pond was sized and built under those assumptions. The currently proposed development for Block 6 is only 58% impervious and creates less runoff than assumed during the design and construction of the existing detention pond. As a result of the reduction in impervious area, it is Ten Mile Engineering, Inc. opinion, that the development of Block 6 as currently proposed is consistent with the overall design of the detention and water quality facilities associated with the Dillon Ridge Marketplace.

Please feel free to contact me with any questions.

Sincerely



Joseph E. Maglicic P.E.  
Ten Mile Engineering, Inc.  
PO 1785  
Frisco CO 80443  
970 485 5773