



*"Safety as a Value"*

Telephone: 970.385.4528  
Facsimile: 970.385.4638

**GCC Energy, LLC**  
6473 County Road 120  
Hesperus, CO 81326

September 14, 2023

State of Colorado  
Division of Reclamation, Mining & Safety  
1313 Sherman St., Room 215  
Denver, CO 80203

Attn: Clayton Wein, Environmental Protection Specialist

Re: GCC Energy, LLC, King I Mine CDRMS Permit # C-1981-035  
August 2023 Post Inspection Maintenance Items Extension Request -  
Construction Plan

Mr. Wein:

This letter will layout a condensed version of the construction plan that we have put in place to successful complete this project.

The attached Map 1 depicts the cut required to get our current topography of the Lower Refuse Disposal Area (LRDA) to match the approved final design of TR-27. Map 1 was produced by comparing the current topography of the LRDA to the TR-27 final design. We have surveyed and marked the starting cut points on the surface and have installed stakes to represent cut depths at intervals of 4 feet. As we cut out the area required to restore Reach 13 we will survey and check the cut depth to ensure not to over cut the slope and to meet the required final grade. In total approximately 2000 tons of material will be required to be removed and hauled from this location. Additional equipment will need to be rented to meet the increase haulage capacity requirements of this project. Additionally a drone flight survey will be conducted of the construction area to determine if the grade is within the parameters of the approved design.

A sheeps foot attachment will be rented that we can attach to the excavator to compact any material that has been cut or loosened during the construction and then compaction tests will be taken at the lower, middle and upper sections of the slope at two different locations of the construction Zone. In total, the six passing compaction tests will be submitted to the Division upon completion.



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Once the compaction tests have passed the construction of Reach 13 will commence. Map 2 depicts the course of Reach 13, Section B will be armored as it will be within the final grade of the design, while Section A and C will be constructed within the approved design but will not be armored. This is because these locations are not at their final design.

In total, with all the moving parts, such as rentals, excavation, haulage, compaction tests and the check surveys we believe our current extension date will be sufficient to adequately complete all the required work to get our LDRA back to final design parameters.

Please contact Michael Dickson at 970.385.4528 x 6540 or 970.909.4022 (cell) with questions or comments.

Sincerely,

*Michael Dickson*

Michael Dickson  
Mine Engineer  
GCC Energy, LLC



**6473 County Road 120**  
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**MSHA ID# 05-04864**

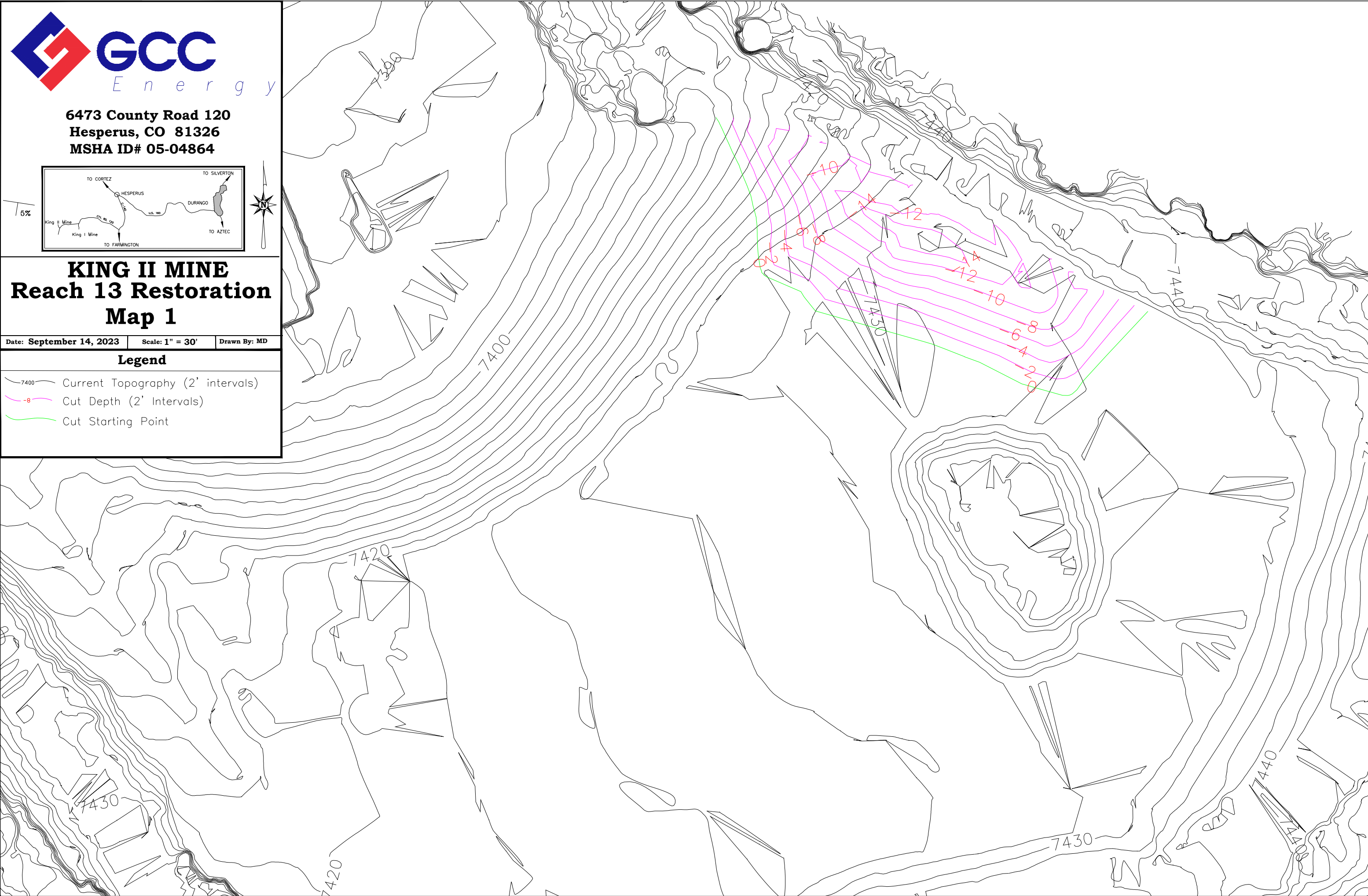



**KING II MINE**  
**Reach 13 Restoration**  
**Map 1**

Date: <b>September 14, 2023</b>	Scale: <b>1" = 30'</b>	Drawn By: <b>MD</b>
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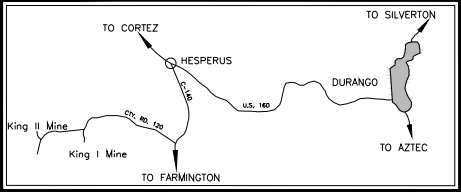
**Legend**

-  7400 Current Topography (2' intervals)
-  -8 Cut Depth (2' Intervals)
-  Cut Starting Point





**6473 County Road 120**  
**Hesperus, CO 81326**  
**MSHA ID# 05-04864**




**KING II MINE**  
**Reach 13 Restoration**  
**Map 2**

Date: **September 14, 2023**

Scale: **1" = 30'**

Drawn By: **MD**

**Legend**

-  7400 Current Topography (2' intervals)
-  -8 Cut Depth (2' Intervals)
-  Cut Starting Point
-  Section A Sections of Reach 13

\*Contours represent projected topography once the project has been completed, and does not show the final actual topography.

