



# CITY OF RAPID CITY

RAPID CITY, SOUTH DAKOTA 57701-5035

## Growth Management Department

300 Sixth Street

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### MEMORANDUM

TO: Public Works Committee

FROM: Bob Dominicak, Development Service Center Coordinator  
Growth Management Department

DATE: October 31, 2006

RE: Arrowhead Vista  
06EX070, 06PL161  
Exception to Exceed Maximum Street Grade

A request was submitted on September 8, 2006, requesting an exception to Section 3.2.2 of the City of Rapid City Street Design Criteria Manual to exceed the maximum street grade.

Section 3.2.2 states "The gradient for local streets shall not exceed 12 percent, although a gradient of less than 8 percent is preferable." Staff reports from reviews for previous plats in the area note that due to the terrain in the area the street will get minimal sunshine in the winter and there is potential for icing conditions on the street. This will make a dangerous situation for vehicles to traverse up the grade as well as trying to stop before sliding onto Sheridan Lake Road. The existing portion of Sunset Vista Road exceeds the maximum grade, we cannot change that, but we do not want to extend the nonconformance and exacerbate the situation.

The Fire Department has also expressed support for denial of the requested exception. The fire code requires a maximum grade of 10 percent, however to remain consistent with the Design Criteria Manual they will accept 12 percent for this short length of street.

**Staff Recommendation:** Staff recommends denial of the request to exceed maximum street grade.

Robert H. Dominicak, P.E./L.S.  
Development Services Center Coordinator



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