

CITY OF ALBUQUERQUE



November 9, 2012

Mark Burak, P.E.
1512 Sagebrush Trl SE
Albuquerque, NM 87123
mburak@comcast.net

**Re: 8801 Glendale Ave NE Drainage Report
Engineer's Stamp dated 10-08-12 (B20/D021)**

Dear Mr. Burak:

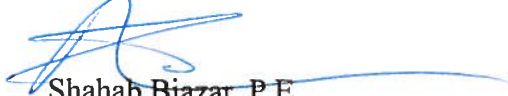
This correspondence is a response to your proposed amendments to the Drainage Report for 8801 Glendale Ave. NE (Engineer's Stamp Dated 10-08-12). This is the second report that you have submitted to the City addressing unpermitted improvements within an existing FEMA floodplain at this site. These unpermitted improvements include the construction of a perimeter block wall, a raised driveway with bridge, and other appurtenances. In order for those unpermitted improvements to remain, the amendments contained in the proposed report must adequately demonstrate that the unpermitted improvements would neither increase the risk of harm to human life nor increase the risk of damage to public and private property. The report did not provide adequate justification for the following reasons:

- In both this report and the previously submitted report, the flow rates utilized at the reach of this project were much lower than the 3,100 cfs used for the HEC-Ras analysis. Floodplain limits and flow rates in excess of 3000 cfs for the El Camino Arroyo at 8801 Glendale Ave NE are documented in the North Albuquerque Acres Master Drainage Plan (NAAMDP), RTI 1998; the Letter of Map revision Case # 06-060B521P, Burak Consulting 2007 and the drainage report dated 8-17-12. The higher flow rates should have been used in this analysis.
- The drainage report did not sufficiently address the impact of the constructed improvements within the designated floodplain.

The runoff generated from this site exceeds the allowable flow rates under North Albuquerque Acres Master Drainage Plan. In addition, construction of improvements should be based on the approved grading plan. All improvements encroaching into the existing floodplain such as walls, raised driveway, and planters should be removed. In addition to the removal of unpermitted improvements, a scour wall must be constructed as required in the site's approved grading plan (Engineer's stamp dated 09/01/2012).

A letter will be issued to the property owner instructing him to mitigate the violation.
If you have any questions, you can contact me at 924-3695.

Sincerely,



Shahab Biazar, P.E.
Senior Engineer, Planning Dept.
Development and Building Services

C: Blake Whitcomb, Esq., Assistant City Attorney
Richard Dourte, PE, City Engineer
Curtis A. Cherne, PE, Principal Engineer, Planning Dept.
File