

CITY OF ALBUQUERQUE



January 6, 2015

Mr. Patrick Conley, PE
Smith Engineering Company
2201 San Pedro NE,
Bldg 4, Suite 200
Albuquerque, NM 87110

**Re: Sandia Prep School Running Track Reconstruction
Drainage Plan with Engineer's Stamp Dated 12-23-14
(E16D012)**

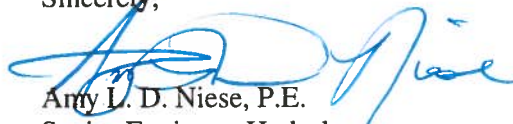
Dear Mr. Conley,

Based upon the information provided in your submittal received December 29, 2014, the above referenced plan is not approved for Grading Permit until the following comments are addressed:

1. The 7.48 cfs is low for the northern swale. Currently, the calculations only account for the north parking lot and half the infield going into the existing swale. Although the plan shows the track itself draining to the infield, that area is not included in the flow for the infield system. The areas directly surrounding the track are not included in the flow for the swale. Although the berm is located 230 feet alongside the baseball field area, no flows are shown contributing toward swale before the proposed berm. Include a basin map and calculations that show flows from all these areas, not just the infield.
2. The proposed berm is blocking an existing swale. That was done to provide retention for the First Flush requirements. However, nothing has been provided to show once the flow tops the berm, the flow will still be contained in the remaining volume of the drainage swale as requested in the previous letter. Not enough contour information is provided on the south side of the berm to determine what will happen with the flow there. Will there be erosion of the baseball field?
3. For any additional hard copies of calculations included, provide electronic copies with the submittal as well.

If you have any questions, you can contact me at 924-3994.

Sincerely,


Amy L. D. Niese, P.E.
Senior Engineer, Hydrology
Planning Department

C: e-mail