

CITY OF ALBUQUERQUE



February 07, 2012

Scott M. McGee, P.E.
9700 Tanoan Dr NE
Albuquerque, NM 87111

**Re: Inez Elementary School Cafeteria, Fine Arts/Classroom and Renovations
Grading and Drainage Plan
Engineer's Stamp Date 1/24/2012 (J19D067)**

Dear Mr. McGee,

Based upon the information provided in your submittal received 1-24-2012, the above referenced plan can not be approved for Building Permit until the following comments are addressed.

- Please double check the location of the high point within the loop road, connecting McKnight Ave. NE and Pennsylvania St. NE, against the Master Drainage Plan. It appears that the sidewalk culvert north of the building with finish floor elevation of 30.70 will drain north instead of south.
- Call out the curb opening size by elevation 27.00 across the 24" sidewalk culvert within the loop road north of McKnight Ave. NE.
- Include additional spot elevation against the portable building SC313 to assure that no runoff will drain under the building at the location where the proposed swale turns south.
- Provide calculation for the proposed swale.
- Add a section at the 3-12" culvert crossing. Is there adequate coverage over the pipes? Include pipe flow calculations.
- SO-19 Notes are not shown on the plan.
- Provide calculations for the sidewalk culverts and proposed openings.
- Does the 18" Domed Grate have adequate capacity? Provide calculations (assume a 50% clogging factor). May want to consider raising top of pond elevation to 23.70. Provide a detail for connecting the 18" PVC to 18" RCP.

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: e-mail